

## Wisconsin Cancer Mortality and Incidence 2015 Goals

Healthy People 2010 national cancer mortality goals were adopted for Wisconsin Comprehensive Cancer Control Plan 2005-2010. The partners creating that first Plan thought the reductions in mortality rates for lung, colorectal, breast, cervical, and prostate over the period were reasonable goals for Wisconsin. The Healthy People 2020 goals were not finalized in time to be included in this revised Plan so we have used the following formula to adopt similar relative improvement goals in these mortality rates over the next five years:

$$\text{Mortality Goal(2015)} = \text{Mortality Baseline(2010)} - [\text{Mortality Baseline(2010)} * (\text{Annual goal \% reduction}) * 5 \text{ years}]$$

Example: the lung cancer mortality rate in 2005 was 49.5 per 100,000 and the 2010 goal was 44.9 per 100,000. To achieve this goal, lung cancer mortality would have needed to decline by 0.9 per 100,000 per

year or 1.86% of the baseline rate annually. Applying the same 1.86% annual reduction to the 2010 baseline of 48.7 per 100,000, we can project a 2015 goal of 44.2 per 100,000.

Healthy People 2010 (HP2010) did not set incidence goals, but partners creating the revised Plan decided Wisconsin should track cancer incidence rates as an indicator of progress in cancer control. With no national incidence goals to use as guidance, we adopted a pace for decline based on the goals for mortality reductions. With the understanding that cancer development is long-term, complex process with many influences, we decided to set the slope of incidence reductions between 2010 and 2015 to half the relative decline proposed for the mortality goal. We used the following formula to set incidence goals for 2015:

$$\text{Incidence Goal(2015)} = \text{Incidence Baseline(2010)} - [\text{Incidence Baseline(2010)} * (\text{Annual goal \% reduction in mortality}) * 50\% * 5 \text{ years}]$$

## Wisconsin Cancer Mortality and Incidence 2010 Rates and 2015 Goals

Cancer Type	MORTALITY		INCIDENCE	
	2010 Rate <sup>12</sup>	2015 Goal	2010 Rate <sup>12</sup>	2015 Goal
<b>ALL CANCERS</b>	184.3	<b>150.6</b>	470.3	<b>427.3</b>
<b>Lung</b>	48.7	<b>44.2</b>	64.8	<b>61.8</b>
<b>Colorectal</b>	17.2	<b>11.4</b>	49.4	<b>41.0</b>
<b>Breast</b>	23.4	<b>19.7</b>	122.7	<b>113.0</b>
<b>Cervical</b>	1.9	<b>1.7</b>	6.6	<b>6.2</b>
<b>Prostate</b>	27.8	<b>23.3</b>	156.9	<b>144.3</b>
<b>Melanoma</b>	2.5	<b>2.3</b>	15.3	<b>13.8</b>

Rates are expressed per 100,000 people and age-adjusted to the 2000 US Standard Population.

## Targets for Change

### REDUCE ADULT SMOKING RATES

**Baseline: 20%**

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System*. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2008.

**2015 Goal: 16%**

Wisconsin Tobacco Prevention and Control Program's State Plan 2009-2014. WI Department of Health Services, Division of Public Health. Madison, WI. 2009.

### REDUCE HIGH SCHOOL TOBACCO USE RATES (any tobacco product)

**Baseline: 28%**

Wisconsin Tobacco Prevention and Control Program. *Wisconsin Youth Tobacco Survey (YTS) High School Fact Sheet*. Wisconsin Department of Health Services, Division of Public Health. Madison, WI. 2008.

**2015 Goal: 15%**

Wisconsin Tobacco Prevention and Control Program's State Plan 2009-2014. WI Department of Health Services, Division of Public Health. Madison, WI. 2009.

### REDUCE MIDDLE SCHOOL TOBACCO USE RATES (any tobacco product)

**Baseline: 7%**

Wisconsin Tobacco Prevention and Control Program. *Wisconsin Youth Tobacco Survey (YTS) High School Fact Sheet*. Wisconsin Department of Health Services, Division of Public Health. Madison, WI. 2008.

**2015 Goal: 4%**

Wisconsin Tobacco Prevention and Control Program's State Plan 2009-2014. WI Department of Health Services, Division of Public Health. Madison, WI. 2009.

### REDUCE THE PERCENTAGE OF ADULTS WHO ARE OBESE

**Baseline: 26%**

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System*. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2008.

**2015 Goal: 20%**

The goal was developed by the WI CCC Program, WI Nutrition, Physical Activity & Obesity Program and partners for purposes of the WI CCC Plan 2010-2015.

## Targets for Change

### REDUCE THE PERCENTAGE OF HIGH SCHOOL STUDENTS WHO ARE OVERWEIGHT OR OBESE

**Baseline: 23%**

**2015 Goal: 18%**

*Wisconsin Youth Risk Behavior Survey: Trends Graphs 1993-2009.*  
Wisconsin Department of Public Instruction. Madison, WI. 2009.

The goal was developed by the WI CCC Program, WI Nutrition, Physical Activity & Obesity Program and partners for purposes of the WI CCC Plan 2010-2015.

### REDUCE THE PERCENTAGE OF CHILDREN (AGES 2-4) ENROLLED IN WIC WHO ARE AT RISK OF BEING OVERWEIGHT OR ARE CURRENTLY OVERWEIGHT

**Baseline: 31%**

**2015 Goal: 25%**

*Pediatric Nutrition Surveillance System Wisconsin Summary 2000-2008, Table 8c.* US. Centers for Disease Control and Prevention. 2009.

The goal was developed by the WI CCC Program, WI Nutrition, Physical Activity & Obesity Program and partners for purposes of the WI CCC Plan 2010-2015.

### REDUCE THE PERCENTAGE OF ADULTS WHO BINGE DRINK

**Baseline: 23%**

**2015 Goal: 16%**

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System.* U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2008.

The goal was developed by the WI CCC Program and its partners for purposes of the WI CCC Plan 2005-2010. 16% is the national rate of adults who binge drink.

### INCREASE THE PERCENTAGE OF 11-18 YEAR OLD FEMALES WHO RECEIVED 3+ DOSES OF THE HPV VACCINATION

**Baseline: 20%**

**2015 Goal: 50%**

Wisconsin Immunization Registry. Wisconsin Department of Health Services. Madison, WI. 2009.

The goal was developed by the WI CCC Program and its partners for purposes of the WI CCC Plan 2005-2010.

## Targets for Change

### INCREASE PERCENT OF PEOPLE 50 YEARS AND OLDER WHO HAD A COLONOSCOPY OR SIGMOIDOSCOPY IN PAST 5 YEARS

**Baseline: 57%**

**2015 Goal: 75%**

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System*. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2008.

American Cancer Society. *Cancer Prevention & Early Detection Facts & Figures 2009*. Atlanta, GA. 2009.

### INCREASE THE PERCENT OF ADULTS 50 YEARS & OLDER WHO HAD A BLOOD STOOL TEST WITHIN THE PAST TWO YEARS

**Baseline: 17%**

**2015 Goal: 22%**

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System*. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE PERCENT OF WOMEN 40 YEARS AND OLDER WHO HAD A MAMMOGRAM IN PAST TWO YEARS

**Baseline: 76%**

**2015 Goal: 90%**

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System*. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2008.

American Cancer Society. *Cancer Prevention & Early Detection Facts & Figures 2009*. Atlanta, GA. 2009.

### INCREASE PERCENT OF WOMEN AGE 18+ WHO HAD PAP SMEAR IN PAST 3 YEARS

**Baseline: 83%**

**2015 Goal: 90%**

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System*. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

## Targets for Change

### INCREASE THE NUMBER OF AMERICAN COLLEGE OF SURGEONS APPROVED CANCER PROGRAMS IN WISCONSIN

**Baseline: 38**

**2015 Goal: 48**

Commission on Cancer. *Approved Cancer Programs*. American College of Surgeons (ACoS). Chicago, IL. [web.facs.org/cpm/default.htm](http://web.facs.org/cpm/default.htm).

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE PERCENTAGE OF ADULT CANCER PATIENTS IN CANCER CLINICAL TRIALS

**Baseline: 8%**

**2015 Goal: 10%**

Trentham-Dietz A, Walsh MC. *ACCESS: Assessment of Cancer Care and Satisfaction. Summary of Results*. University of Wisconsin Paul P. Carbone Comprehensive Cancer Center. Madison, WI. 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE PERCENTAGE OF CANCER PATIENTS WITH A WRITTEN SUMMARY OF THE CANCER TREATMENT THEY RECEIVED

**Baseline: Pending**

**2015 Goal: Pending**

\*Note this baseline will not be available until 2011. At that time we will update the online version of the Plan with this Target for Change.  
Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System. Survivorship Module*. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2011.

The goal will be developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

## Targets for Change

### DECREASE THE NUMBER OF PATIENTS WITH DIFFICULTY READING HOSPITAL MATERIAL OR FILLING OUT MEDICAL FORMS

**Baseline: 30%**

**2015 Goal: 15%**

Trentham-Dietz A, Walsh MC. ACCESS: *Assessment of Cancer Care and Satisfaction. Summary of Results.* University of Wisconsin Paul P. Carbone Comprehensive Cancer Center. Madison, WI. 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE PERCENTAGE OF PATIENTS WHO WERE ENCOURAGED TO PARTICIPATE IN DECISION MAKING ABOUT THEIR HEALTH CARE

**Baseline: 89%**

**2015 Goal: 95%**

Trentham-Dietz A, Walsh MC. ACCESS: *Assessment of Cancer Care and Satisfaction. Summary of Results.* University of Wisconsin Paul P. Carbone Comprehensive Cancer Center. Madison, WI. 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE PERCENTAGE OF PATIENTS WHOSE TREATMENT STAFF MADE AN EFFORT TO INCLUDE THEIR FAMILIES DURING IMPORTANT HEALTH CARE DECISION MAKING

**Baseline: 82%**

**2015 Goal: 95%**

Trentham-Dietz A, Walsh MC. ACCESS: *Assessment of Cancer Care and Satisfaction. Summary of Results.* University of Wisconsin Paul P. Carbone Comprehensive Cancer Center. Madison, WI. 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

## Targets for Change

**INCREASE THE PERCENTAGE OF SURVIVORS LIVING FIVE YEARS AFTER THEIR INITIAL CANCER DIAGNOSIS****Baseline:** *Pending***2015 Goal:** *Pending*

\*Note this baseline will not be available until 2011. At that time we will update the online version of the Plan with this Target for Change.

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System. Survivorship Module.* U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2011.

The goal will be developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

**INCREASE THE PERCENTAGE OF CANCER PATIENTS THAT RECEIVED FOLLOW UP INSTRUCTIONS****Baseline:** *Pending***2015 Goal:** *Pending*

\*Note this baseline will not be available until 2011. At that time we will update the online version of the Plan with this Target for Change.

Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System. Survivorship Module.* U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2011.

The goal will be developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

**INCREASE AVAILABILITY OF STATEWIDE SURVEILLANCE DATA RELATED TO SURVIVORSHIP****Baseline:** **None****2015 Goal:**  
**Establish Surveillance System**

Information from WI CCC Plan 2010-2015 workgroup planning process.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

## Targets for Change

### INCREASE THE NUMBER OF WI RESIDENTS 65 YEARS OR OLDER THAT HAVE AN ADVANCED CARE DOCUMENT

**Baseline:** Pending

**2015 Goal:** Pending

\*Note this baseline will not be available until 2011. At that time we will update the online version of the Plan with this Target for Change. Health Plan Employer Data and Information Set (HEDIS) measures 2010, volume 2. National Committee for Quality Assurance. 2010. The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE PERCENTAGE OF CANCER PATIENTS WITH PAIN UNDER CONTROL

**Baseline:** Pending

**2015 Goal:** Pending

\*Note this baseline will not be available until 2011. At that time we will update the online version of the Plan with this Target for Change. Centers for Disease Control and Prevention. *BRFSS: Behavioral Risk Factor Surveillance System. Survivorship Module.* U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Atlanta, GA. 2011.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### MAINTAIN THE HIGHEST LEVEL STATE GRADE FOR PAIN POLICIES

**Baseline:** A grade

**2015 Goal:** A grade

Pain & Policy Studies Group. *Achieving Balance in State Pain Policy: A Progress Report Card (Fourth edition).* University of Wisconsin Paul P. Carbone Comprehensive Cancer Center. Madison, Wisconsin, 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE NUMBER OF WISCONSIN HOSPITALS WITH A PALLIATIVE CARE PROGRAM

**Baseline:** B grade

**2015 Goal:** A grade

Center to Advance Palliative Care. *America's Care of Serious Illness: A State-by-State Report Card on Access to Palliative Care in Our Nation's Hospitals.* National Palliative Care Research Center. New York, NY. 2008.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

### DECREASE THE PERCENTAGE OF HOSPICE PATIENTS WITH A LENGTH OF STAY LESS THAN 8 DAYS

**Baseline:** 30%

**2015 Goal:** 20%

*The 2009 Report on Wisconsin Hospices and Patients. The Hospice Organization and Palliative Experts of Wisconsin.* Madison, WI. 2009.

The goal was developed by the WI CCC Program and partners for purposes of the WI CCC Plan 2010-2015.

## Targets for Change

### DECREASE THE NUMBER OF CANCER CASES PER FEDERALLY FUNDED STAFF AT THE WI CANCER REPORTING SYSTEM

**Baseline: 4,063**

**2015 Goal: 2,000**

State Profiles provided at CDC NPCR Program Manager's Meeting, March 2006, Atlanta, GA. 2006.

The goal was developed by the WI CCC Program, WI Cancer Reporting System and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE ELECTRONIC REPORTING OF CANCER CASES TO WI CANCER REPORTING SYSTEM

**Baseline: 80%**

**2015 Goal: 90%**

The baseline was developed for purposes of the WI CCC Plan 2010-2015 by the WI CCC Program through correspondence with partners from the Wisconsin Cancer Reporting System.

The goal was developed by the WI CCC Program, WI Cancer Reporting System and partners for purposes of the WI CCC Plan 2010-2015.

### INCREASE THE INTEGRATION OF STATEWIDE SURVEILLANCE SYSTEMS FOR CANCER DATA

**Baseline: None**

**2015 Goal: Establish a system to integrate all surveillance systems for cancer data**

Information from WI CCC Plan 2010-2015 workgroup planning process.

The goal was developed by the WI CCC Program, WI Cancer Reporting System and partners for purposes of the WI CCC Plan 2010-2015.