

# Council of State and Territorial Epidemiologists Position Statement

## **02-CD.MCH.OH-02**

**Committee:** Chronic Disease Committee

**Title:** Revise Chronic Disease Indicators (CDI) to reflect expert and stakeholder recommendations.

### **Statement of the Problem:**

By unanimous vote, 73 indicators of chronic diseases, conditions and risk factors were approved at the 1998 annual business meeting. This process reflected a consensus on important indicators for chronic disease surveillance, and provided standardized definitions and methodologies for calculating the indicators. The first published set of indicators was released at the annual meeting of ASTCDPD in 1999, with a corresponding data volume released at the CSTE annual meeting in 2000. States have used CDI to guide state and local level analyses of chronic disease data, develop surveillance systems, and construct state health objectives. Since 2000, a process has been underway to revise the chronic disease indicators. After receiving input from stakeholders and subject matter experts, the CDI Work Group, composed of representatives of CSTE, ASTCDPD, and CDC, recommends specific revisions to the existing set of indicators.

### **Position to be adopted:**

CSTE adopts the proposed revisions to the Chronic Disease Indicators (CDI) as standard case definitions and encourages states and CDC to utilize CDI to guide programmatic and surveillance efforts.

### **Background and justification:**

The Work Group charged with developing the indicators decided that as new public health data and information became available, the indicators would be revisited every 2-3 years. Similarly, the CDI is modified based on public health recommendations; indicators may be removed as data and information became obsolete. The Work Group created six areas for indicators: Cancer, Cardiovascular Disease, Physical Activity and Nutrition, Other Diseases and Risk Factors, and Overarching Health Issues. Revisions were made to six of the previous 73 indicators; 23 new indicators were added. The CDI were revised through two meetings of subject matter experts and with substantial input solicited from stakeholders and partners who have an interest in chronic disease surveillance. The current set of revisions is consistent with other widely used indicators, especially Healthy People 2010. The CDI development and revision is funded by the Centers for Disease Control and Prevention through a cooperative agreement with the CSTE. A summary list of the revised indicator definitions is attached; full text is at <http://cdi.hmc.psu.edu>.

### **Agencies for Response:**

- (1) James Marks, MD, MPH  
Director  
National Center For Chronic Disease Prevention and Health Promotion  
Centers for Disease Control and Prevention  
4770 Buford Highway, NE  
Mailstop K 40  
Atlanta, GA 30341

(770) 488-5401  
Telephone Number

[jsm1@cdc.gov](mailto:jsm1@cdc.gov)  
Email Address

**Council of State and Territorial Epidemiologists  
Position Statement**

- (2) Paula Marmet, MS, RD/LD  
President, Association of State and Territorial Chronic Disease Program Directors  
Bureau of Health Risk Reduction  
New York State Department of Health  
Corning Tower, Rm 710 Empire State Plaza  
Albany, NY 12237

**Authors:**

- (1) Katrina Hedberg, MD, MPH  
Deputy State Epidemiologist  
Oregon Health Division  
800 NE Oregon St., Suite 730  
Portland, OR 97232

(503) 731-4273  
Telephone Number

[katrina.hedberg@state.or.us](mailto:katrina.hedberg@state.or.us)  
Email Address

Group	#	Title	Ages	Gender	Data Source
Cancer	1	Incidence of invasive cancer (all sites combined)	All	Both	Cancer registry
	2	Mortality from cancer (all sites combined)	All	Both	Vital statistics
	3	Incidence of invasive cancer of the lung	All	Both	Cancer registry
	4	Mortality from cancer of the lung	All	Both	Vital statistics
	5	Incidence of invasive cancer of the colon or rectum	All	Both	Cancer registry
	6	Mortality from cancer of the colon or rectum	All	Both	Vital statistics
	7	Incidence of invasive cancer of the female breast	All	Females	Cancer registry
	8	Mortality from cancer of the female breast	All	Females	Vital statistics
	9	Incidence of <i>in situ</i> cancer of the female breast	All	Females	Cancer registry
	10	Incidence of invasive cancer of the prostate	All	Males	Cancer registry
	11	Mortality from cancer of the prostate	All	Males	Vital statistics
	12	Incidence of invasive cancer of the cervix	All	Females	Cancer registry
	13	Mortality from cancer of the cervix	All	Females	Vital statistics
	14	Incidence of cancer of the bladder ( <i>in-situ</i> and invasive)	All	Both	Cancer registry
	15	Mortality from cancer of the bladder	All	Both	Vital statistics
	16	Incidence of invasive melanoma	All	Both	Cancer registry
	17	Mortality from melanoma	All	Both	Vital statistics
	18	Incidence of invasive cancer of the oral cavity or pharynx	All	Both	Cancer registry
	19	Mortality from cancer of the oral cavity or pharynx	All	Both	Vital statistics
	20	Mammography utilization among women aged 40 years and older	40+	Females	BRFSS
	21	Clinical breast examination among women aged 40 years and older	40+	Females	BRFSS
	22	Pap smear utilization among adult women aged 18 years and over	18+	Females	BRFSS
	23	Fecal occult blood test or sigmoidoscopy/colonoscopy among adults aged 50 years and older	50+	Both	BRFSS
	24	Fecal occult blood test among adults aged 50 years and older	50+	Both	BRFSS
	25	Sigmoidoscopy/colonoscopy among adults aged 50 years and older	50+	Both	BRFSS

**Council of State and Territorial Epidemiologists  
Position Statement**

Cardiovascular Disease	1	Mortality from major cardiovascular diseases	All	Both	Vital statistics
	2	Mortality from diseases of the heart	All	Both	Vital statistics
	3	Mortality from coronary heart disease	All	Both	Vital statistics
	4	Mortality from congestive heart failure	All	Both	Vital statistics
	5	Mortality from cerebrovascular disease (stroke)	All	Both	Vital statistics
	6	Hospitalization for acute myocardial infarction	All	Both	Hosp. discharge
	7	Hospitalization for congestive heart failure	All	Both	Hosp. discharge
	8	Hospitalization for congestive heart failure among Medicare-eligible persons aged 65 years and older	65+	Both	Hosp. discharge
	9	Medicare-eligible persons aged 65 years and older hospitalized for congestive heart failure	65+	Both	Hosp. discharge
	10	Hospitalization for cerebrovascular accident/stroke	All	Both	Hosp. discharge
	11	Hospitalization for cerebrovascular accident/stroke among Medicare-eligible persons aged 65 years and older	65+	Both	Hosp. discharge
	12	Medicare-eligible persons aged 65 years and older hospitalized for cerebrovascular accident/stroke	65+	Both	Hosp. discharge
	13	Cholesterol screening among adults aged 18 years and older	18+	Both	BRFSS
	14	Prevalence of high blood pressure awareness among adults aged 18 years and older	18+	Both	BRFSS
	15	Taking medicine for high blood pressure control among adults aged 18 years and older	18+	Both	BRFSS
Tobacco/Alcohol Use	1	Binge drinking among adults aged 18 years and older	18+	Both	BRFSS
	2	Binge drinking among women of childbearing age	18-44	Females	BRFSS
	3	Binge drinking among youth	9-12th grade	Both	YRBSS
	4	Alcohol use among youth	9-12th grade	Both	YRBSS
	5	Heavy drinking among adult males aged 18 years and older	18+	Males	BRFSS
	6	Heavy drinking among adult females aged 18 years and older	18+	Females	BRFSS
	7	Mortality from chronic liver disease	All	Both	Vital statistics
	8	Cigarette smoking among adults aged 18 years and older	18+	Both	BRFSS
	9	Cigarette smoking among youth	9-12th grade	Both	YRBSS/YTS
	10	Smokeless tobacco use among youth	9-12th grade	Both	YRBSS/YTS
	11	Sale of cigarette packs	All	Both	Revenue Agency/STATE
Physical Act./Nutrition	1	Fruit and vegetable consumption among adults aged 18 years and older	18+	Both	BRFSS
	2	Fruit and vegetable consumption among youth	9-12th grade	Both	YRBSS
	3	Overweight prevalence among adults aged 18 years and older	18+	Both	BRFSS
	4	Obesity prevalence among adults aged 18 years and older	18+	Both	BRFSS

**Council of State and Territorial Epidemiologists  
Position Statement**

	5	Overweight prevalence among youth	9-12th grade	Both	YRBSS
	6	Moderate physical activity among adults aged 18 years and older	18+	Both	BRFSS
	7	Vigorous physical activity among youth	9-12th grade	Both	YRBSS
	8	Television viewing among youth	9-12th grade	Both	YRBSS
Other Diseases/Risks	1	Mortality with diabetes	All	Both	Vital statistics
	2	Mortality with diabetic ketoacidosis	All	Both	Vital statistics
	3	Diabetes prevalence among adults aged 18 years and older	All	Both	BRFSS
	4	Amputation of a lower extremity attributable to diabetes	All	Both	Hosp. discharge
	5	Influenza vaccination among adults aged 18 years and older with diabetes	All	Both	BRFSS
	6	Pneumonia vaccination among adults aged 18 years and older with diabetes	All	Both	BRFSS
	7	Foot examination among adults aged 18 years and older with diabetes	All	Both	BRFSS
	8	Self-blood glucose monitoring among adults aged 18 years and older with diabetes	All	Both	BRFSS
	9	Dilated eye examination among adults aged 18 years and older with diabetes	All	Both	BRFSS
	10	Hospitalization with diabetes	All	Both	Hosp. discharge
	11	Mortality from end-stage renal disease	All	Both	Vital statistics
	12	Mortality with end-stage renal disease	All	Both	Vital statistics
	13	Incidence of treated end-stage renal disease	All	Both	USRDS
	14	Incidence of treated end-stage renal disease attributed to diabetes	All	Both	USRDS
	15	Mortality with chronic obstructive pulmonary disease among adults aged 45 years and older	45+	Both	Vital statistics
	16	Pneumococcal vaccination among adults ages 65 years and older	65+	Both	BRFSS
	17	Influenza vaccination among adults aged 50 years and older	50+	Both	BRFSS
	18	Hospitalization with asthma	All	Both	Hosp. discharge
	19	Mortality from asthma	All	Both	Vital statistics
	20	Hospitalization for hip fracture among adults aged 65 years and older	65+	Both	Hosp. discharge
	21	Hospitalization for vertebral fractures among adults aged 65 years and older	65+	Both	Hosp. discharge
	22	Visits to dentist or dental clinic among adults aged 18 years and older	18+	Both	BRFSS
	23	Teeth cleaning among adults aged 18 years and older	18+	Both	BRFSS
	24	All teeth lost among adults aged 65 years and older	65+	Both	BRFSS
Overarching	1	Poverty	All	Both	CPS
	2	High school completion among adults aged 18-24 years	18-24	Both	CPS
	3	Premature mortality among adults aged 45-64 years	45-64	Both	Vital statistics

Council of State and Territorial Epidemiologists  
Position Statement

4	Life expectancy at age 65 years	65+	Both	Vital statistics
5	Life expectancy at birth	All	Both	Vital statistics
6	Current lack of health insurance among adults aged 18-64 years	18-64	Both	BRFSS
7	Self-assessed health status among adults aged 18 years and older	18+	Both	BRFSS
8	Recent physical health among adults aged 18 years and older	18+	Both	BRFSS
9	Recent mental health among adults aged 18 years and older	18+	Both	BRFSS
10	Recent activity limitation among adults aged 18 years and older	18+	Both	BRFSS