Chronic Disease and Injury Indicator Framework Quick Stats, Fall 2014 Edition

Surveillance and Epidemiology Division, Centre for Chronic Disease Prevention, Public Health Agency of Canada

INDICATOR GROUP	INDICATOR MEASURE(S)	LATEST DATA[a]	DATA SOURCE (YEAR)
SOCIAL AND ENVIRONMENTAL DETERMINANTS			
Education	% of population with less than a high school education, population aged 20+ years	13.4%	CCHS (2011-2012)
Income	% of population living below low-income cut-offs, after tax, all population	8.8%	SLID (2011)
Employment	Average annual unemployment rate (% of labour force that was unemployed during reference period), population aged 15+ years	7.2%	LFS (2012)
EARLY LIFE/CHILDHOOD RISK AND PROTECTIVE FACTORS			
Birth weight	% of live births with a low birth weight	6.1%	CVS (2011)
Breastfeeding	% of women who report exclusive breastfeeding of their child for at least the first 6 months of life, women aged 15+ years	26.2%	CCHS (2011-2012)
Exposure to second-hand smoke	% of households with children aged less than 12 years regularly exposed to environmental tobacco smoke at home	3.3%	CTUMS (2012)
BEHAVIOURAL RISK AND PROTECTIVE FACTORS			
Smoking	% of population that reports being current smokers (daily and occasional), population aged 15+ years	16.1%	CTUMS (2012)
	% of population that reports being current daily smokers, population aged 15+ years	11.9%	CTUMS (2012)
Physical activity	% of children and youth that attain at least 12 000 steps daily (measured), population aged 5 to 17 years	7.0%	CANPLAY (2009-2011)
	% of population that reports being physically "active" or "moderately active" during their leisure time, population aged 20+ years	51.9%	CCHS (2011-2012)
Sedentary behaviour	% of population that reports spending more than 14 hours per week watching television or using computers during leisure time, population aged 12+ years	62.1%	CCHS (2011-2012)
Healthy eating	% of population that reports consuming fruit and vegetables at least 5 times per day, population aged 12+ years	40.3%	CCHS (2011-2012)
Unhealthy eating	% of population that reports drinking sugar-sweetened beverages daily, population aged 5 to 19 years	27.2%	CHMS (2009-2011)
Alcohol use	% of population that exceeds low risk alcohol drinking guidelines for chronic drinking, population aged 15+ years	14.4%	CADUMS (2012)
Chronic stress	% of population that reported life to be "quite a bit" or "extremely" stressful most days in the last 12 months, population aged 12+ years	22.6%	CCHS (2011-2012)
RISK CONDITIONS			
Obesity	% of population that is obese (measured), children and youth aged 5 to 17 years	11.7%	CHMS (2009-2011)
	% of population that is obese (measured), population aged 18+ years	26.2%	CHMS (2009-2011)
Elevated blood glucose	% of population that has elevated blood glucose (measured), population aged 20+ years	4.2%	CHMS (2009-2011)
Elevated blood pressure	% of population that has elevated blood pressure (measured), population aged 20+ years	7.8%	CHMS (2009-2011)
Elevated blood cholesterol	% of population that has elevated blood cholesterol (TC:HDL-C ratio [measured]), population aged 20+ years	17.3%	CHMS (2009-2011)

Correspondence: Marisol T. Betancourt, Surveillance and Epidemiology Division, Centre for Chronic Disease Prevention, Public Health Agency of Canada, 785, Carling Avenue, Ottawa, ON K1A 0K9; Tel.: 613-957-9259; Email: marisol.betancourt@phac-aspc.gc.ca

DISEASE PREVENTION PRACTICES (SECONDARY PREVENTION)			
Contact with health care professional	% of population that reported consulting a family physician or general practitioner at least once in the past 12 months, population aged 12+ years	75.2%	CCHS (2012)
	% of population that reported consulting a dentist, dental hygienist or orthodontist at least once in the past 12 months, population aged 12+ years	66.0%	CCHS (2012)
Disease screening	% of women that reported having a mammogram at least once in the past 5 years, population aged 50 to 74 years	83.5%	CCHS (2012)
	% of women that reported having at least 1 Pap smear test in the past 3 years, population aged 25 to 69 years	79.7%	CCHS (2012)
	% of population that reported having at least 1 fecal occult blood test, colonoscopy and/or sigmoidoscopy in the recommended time period, population aged 50 to 74 years	51.1%	CCHS (2012)
Vaccination (influenza)	% of population living with a chronic health condition that reported having a seasonal flu shot in the past 12 months, population aged 12+ years	47.4%	CCHS (2011-2012)
HEALTH OUTCOMES/STATUS			
General health	% of population that rates their health as "very good" or "excellent," population aged 12+ years	59.9%	CCHS (2011-2012)
	% of population that rates their mental health as "very good" or "excellent," population aged 12+ years	72.2%	CCHS (2011-2012)
	Life expectancy at birth	82.1 years	CCDSS (2007-2009)
	Life expectancy at 65 years	20.8 years	CCDSS (2007-2009)
	Health-adjusted life expectancy at birth	71.8 years	CCDSS (2006-2008)
	Health-adjusted life expectancy at 65 years of age	15.9 years	CCDSS (2006-2008)
Morbidity – Prevalence	% of population with at least 1 major chronic disease (cancer, diabetes, cardiovascular disease, chronic obstructive pulmonary disease), population aged 20+ years	15.7%	CCHS (2011-2012)
	Prevalence of diabetes, children and youth aged 19 years or less	0.3%	CCDSS (2010-2011)[b]
	Prevalence of diabetes, population aged 20+ years	9.6%	CCDSS (2010-2011)[b]
	Prevalence of cardiovascular disease, population aged 20+ years (NEW)	6.3%	CCHS (2011-2012)
	Prevalence of stroke, population aged 20+ years	1.3%	CCHS (2011-2012)
	Prevalence of heart failure, population aged 40+ years (NEW)	3.5%	CCDSS (2010-2011)
	Prevalence of ischemic heart disease, population aged 20+ years (NEW)	8.4%	CCDSS (2010-2011)
	Prevalence of asthma, children and youth aged 19 years or less	15.7%	CCDSS (2010-2011)[b]
	Prevalence of asthma, population aged 20+ years	9.0%	CCDSS (2010-2011)[b]
	Prevalence of chronic obstructive pulmonary disease, population aged 35+ years	9.3%	CCDSS (2010-2011)[b]
	Prevalence of arthritis, population aged 20+ years	17.6%	CCHS (2011-2012)
	Prevalence of the use of health services for mental disorders, children and youth aged 19 years or less	8.3%	CCDSS (2010-2011)
	Prevalence of the use of health services for mental disorders, population aged 20+ years	15.9%	CCDSS (2010-2011)
	Prevalence of mood disorders and/or anxiety, children and youth aged 19 years or less	7.2%	CCHS (2011-2012)
	Prevalence of mood disorders and/or anxiety, population aged 20+ years	11.2%	CCHS (2011-2012)
	Prevalence of diagnosed osteoporosis, population age 40+ years	11.0%	CCDSS (2010-2011)
	% of population that has been diagnosed with cancer in the previous 10 years	2.4%	CCR (1999-2008)
	% of men that has been diagnosed with prostate cancer in the previous 10 years	1.1%	CCR (1999-2008)
	% of population that has been diagnosed with lung cancer in the previous 10 years	0.1%	CCR (1999-2008)
	% of women that has been diagnosed with breast cancer in the previous 10 years	0.9 %	CCR (1999-2008)
	% of population that has been diagnosed with colorectal cancer in the previous 10 years	0.3%	CCR (1999-2008)

HEALTH OUTCOMES/STATUS

Morbidity – Incidence	Incidence rate of diabetes, children and youth aged 19 years or less	40.7 per 100 000	CCDSS (2010-2011)
	Incidence rate of diabetes, population aged 20+ years	803.7 per 100 000	CCDSS (2010-2011)
	Incidence rate of asthma, children and youth aged 19 years or less	1141.3 per 100 000	CCDSS (2010-2011)
	Incidence rate of asthma, population aged 20+ years	357.9 per 100 000	CCDSS (2010-2011)
	Incidence rate of chronic obstructive pulmonary disease, population aged 35+ years	909.2 per 100 000	CCDSS (2010-2011)
	Incidence rate of heart failure, population aged 40+ years (NEW)	510.6 per 100 000	CCDSS (2010-2011)
	Incidence rate of ischemic heart disease, population aged 20+ years (NEW)	630.1 per 100 000	CCDSS (2010-2011)
	Incidence rate of acute myocardial infarction, population aged 20+ years (NEW)	243.0 per 100 000	CCDSS (2010-2011)
	Annual hip fracture rate, population aged 40+ years (NEW)	147.9 per 100 000	CCDSS (2010-2011)
	Incidence rate of all cancers, all male population	438 per 100 000[d]	CCR (2010)
	Incidence rate of all cancers, all female population	368 per 100 000[d]	CCR (2010)
	Incidence rate of prostate cancer, all male population	108 per 100 000[d]	CCR (2010)
	Incidence rate of lung cancer, all male population	63 per 100 000[d]	CCR (2010)
	Incidence rate of lung cancer, all female population	47 per 100 000[d]	CCR (2010)
	Incidence rate of colorectal cancer, all male population	57 per 100 000[d]	CCR (2010)
	Incidence rate of colorectal cancer, all female population	40 per 100 000[d]	CCR (2010)
	Incidence rate of breast cancer, all female population	101 per 100 000[d]	CCR (2010)
	Incidence rate of all unintentional injuries, total population (NEW)	512.3 per 100 000	HMDB (2010-2011)
	Incidence rate of all injuries due to intentional self-harm, total population (NEW)	47.3 per 100 000	HMDB (2010-2011)
	Incidence rate of all injuries due to assault, total population (NEW)	26.0 per 100 000	HMDB (2010-2011)
Multimorbidity	% of population with multiple chronic diseases[c] (2+ of 10 chronic diseases), population aged 20+ years	14.5%	CCHS (2011-2012)
	% of population with multiple chronic diseases[c] (3+ of 10 chronic diseases), population aged 20+ years	4.9%	CCHS (2011-2012)
Disability	% of population that reports being limited in their activities "sometimes" or "often" due to disease/illness, population aged 12+ years	33.9%	CCHS (2012)
Mortality	Mortality rate due to a major chronic disease (cardiovascular diseases, all cancers, chronic respiratory disease), total population	454.3 per 100 000	CVS (2010)
	Mortality rate due to cardiovascular diseases, total population	199.1 per 100 000	CVS (2010)
	Mortality rate due to cancer, total population	211.4 per 100 000	CVS (2010)
	Mortality rate due to chronic respiratory diseases, total population	43.8 per 100 000	CVS (2010)
	Mortality rate due to all unintentional injuries, total population (NEW)	32.0 per 100 000	CVS (2010)
	Mortality rate due to homicides, total population (NEW)	1.5 per 100 000	CVS (2010)
	Mortality rate due to suicide, total population	11.6 per 100 000	CVS (2010)
	All-cause mortality rate ratios among people with and without diabetes, population aged 20+ years	2.0 rate ratio[d]	CCDSS (2010-2011)

HEALTH OUTCOMES/STATUS			
Premature mortality	Potential years of life lost due to cancer	1480.6 per 100 000	CVS (2010)
	Potential years of life lost due to cardiovascular diseases	733.1 per 100 000	CVS (2010)
	Potential years of life lost due to chronic respiratory diseases	118.8 per 100 000	CVS (2010)
	Potential years of life lost due to suicide	314.8 per 100 000	CVS (2010)
	Probability of dying (%) between ages 30 and 69 years from major chronic diseases (cardiovascular disease, cancer, chronic respiratory disease, diabetes)	11.0%	CVS (2010)
	Probability of dying (%) between ages 30 and 69 years from cardiovascular disease	3.4%	CVS (2010)
	Probability of dying (%) between ages 30 and 69 years from cancer	6.9%	CVS (2010)
	Probability of dying (%) between ages 30 and 69 years from chronic respiratory diseases	0.7%	CVS (2010)
	Probability of dying (%) between ages 30 and 69 years from diabetes	0.5%	CVS (2010)

Abbreviations: CADUMS, Canadian Alcohol and Other Drug Use Monitoring Survey; CANPLAY, Canadian Physical Activity Levels Among Youth; CCDSS, Canadian Chronic Disease Surveillance System; CCHS, Canadian Community Health Survey; CCR, Canadian Cancer Registry; CHMS, Canadian Health Measures Survey; CTUMS, Canadian Tobacco Use Monitoring Survey; CVS, Canadian Vitals Statistics; HDL-C, high-density lipoprotein cholesterol; HMBD, Hospital Morbidity Database; LFS, Labour Force Survey; SLID, Survey of Labour and Income Dynamics; TC, total cholesterol.

Note: Rates from CCDSS data do not include Alberta. Rates from CVS data do not include Quebec.

[a] All rates are crude unless otherwise stated.

[b] CCHS 2011/2012 data exist for this indicator and are available for use when disaggregating by demographic and social markers.

[c] Multimorbidity: Chronic diseases included are heart disease, stroke, cancer, asthma, chronic obstructive pulmonary disease, diabetes, arthritis, Alzheimer's or other dementia, mood disorder (depression) and anxiety.

[d] Rates are age-standardized to the 1991 Canadian population.

Suggested Citation: Centre for Chronic Disease Prevention, Public Health Agency of Canada (2014). Chronic Disease Indicator Framework, Fall 2014 Edition.

For questions or comments, please contact us at: Chronic.Publications.Chronique@phac-aspc.gc.ca

Visit the Chronic Disease Indicator Framework's online tool to view additional data breakdowns: **http://infobase.phac-aspc.gc.ca/cdif**