CHRONIC DISEASE INDICATOR FRAMEWORK
QUICK STATS, 2013 EDITION

INDICATOR GROUP	SPECIFIC INDICATOR MEASURE(S)	LATEST DATA	DATA SOURCE (YEAR)
SOCIAL AND ENVIRONMENTAL DETERMINANTS			
Education	% of population with less than a high school education, population aged 20+ years	14.4%	CCHS (2009–2010)
Income	% of population living below low-income cut-offs, after tax, all population	9.0%	SLID (2010)
Employment	Average annual unemployment rate (% of labour force that was unemployed during reference period), population aged 15+ years	7.5%	LFS (2011)
EARLY LIFE/CHILDHOOD RISK AND PROTECTIVE FACTORS			
Birth Weight	% of live births with a low birth weight	6.2%	CVS (2010)
Breastfeeding	% of women that report exclusive breastfeeding of their child for at least the first six months of life, women aged 15+ years	25.9%	CCHS (2009–2010)
Exposure to Second-hand Smoke	% of households with children aged less than 12 years regularly exposed to environmental tobacco smoke at home	3.9%	CTUMS (2011)
BEHAVIOURAL RISK AND PROTECTIVE FACTORS			
Smoking	% of population that reports being current smokers (daily and occasional), population aged 15+ years	17.3%	CTUMS (2011)
	% of population that reports being current daily smokers, population aged 15+ years	13.7%	CTUMS (2011)
Physical Activity	% of children and youth that attain at least 12,000 steps daily (measured), population aged 5 to 17 years	7.0%	CANPLAY (2010–2011)
	% of population that reports being physically 'active' or 'moderately active' during their leisure-time, population aged 20+ years	50.1%	CCHS (2009–2010)
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	50.5%	CCHS (2007–2008)
Healthy Eating	% of population that reports consuming fruit and vegetables at least 5 times/day, population aged 12+ years	44.1%	CCHS (2009–2010)
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 (2011)
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	22.9%	CCHS (2009–2010)
RISK CONDITIONS			
Healthy Weight	% of children and youth 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)
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	77.5%	CCHS (2009–2010)
	% of population that reported consulting a dentist, dental hygienist or orthodontist at least once in the past 12 months, population aged 12+ years	66.3%	CCHS (2009–2010)
Disease Screening	% of women that reported having a mammogram at least once in the past five years, population aged 50 to 74 years	81.9%	CCHS (2008)
	% of women that reported having at least one PAP smear test in the past three years, population aged 25 to 69 years	80.1%	CCHS (2008)
	% of population that reported having at least one fecal occult blood test , colonoscopy and/or sigmoidoscopy in the recommended time period, population aged 50 to 74 years	39.3%	CCHS (2008)
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	46.4%	CCHS (2009–2010)
HEALTH OUTCOMES/STATUS			
General Health	% of population that rates their health as 'very good' or 'excellent', population aged 12+ years	60.2%	CCHS (2009–2010)
	% of population that rates their mental health as 'very good' or 'excellent', population aged 12+ years	73.8%	CCHS (2009–2010)
	Life expectancy, at birth	81.7 years	CCDSS (2006–2008)
	Life expectancy, at 65 years	20.5 years	CCDSS (2006–2008)
	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 one major chronic disease (cancer, diabetes, cardiovascular disease, chronic obstructive pulmonary disease), population aged 20+ years	14.9%	CCHS (2009–2010)
	Prevalence of diabetes, children and youth aged 19 years or less	0.3%	CCDSS (2008)*
	Prevalence of diabetes, population aged 20+ years	8.7%	CCDSS (2008)*
	Prevalence of heart disease, population aged 20+ years	5.4%	CCHS (2009–2010)
	Prevalence of stroke, population aged 20+ years	1.2%	CCHS (2009–2010)
	Prevalence of asthma, children and youth aged 19 years or less	15.2%	CCDSS (2008)*

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HEALTH OUTCOMES/STATUS			
Morbidity—Prevalence	Prevalence of asthma, population aged 20+ years	8.3%	CCDSS (2008)*
	Prevalence of chronic obstructive pulmonary disease, population aged 35+ years	8.7%	CCDSS (2008)*
	Prevalence of arthritis, population aged 20+ years	17.2%	CCHS (2009–2010)
	Prevalence of the use of health services for mental disorders, children and youth aged 19 years or less	8.0%	CCDSS (2008)
	Prevalence of the use of health services for mental disorders, population aged 20+ years	16.2%	CCDSS (2008)
	Prevalence of the use of health services for mood disorders and/or anxiety, children and youth aged 19 years or less	3.3%	CCDSS (2008)*
	Prevalence of the use of health services for mood disorders and/or anxiety, population aged 20+ years	12.1%	CCDSS (2008)*
	Number of individuals living with or beyond any cancer, that were diagnosed in a 5-year period, all population	518,705 persons	CCR (2004–2008)
	Number of individuals living with or beyond prostate cancer, that were diagnosed in a 5-year period, all population	105,179 persons	CCR (2004–2008)
	Number of individuals living with or beyond lung cancer, that were diagnosed in a 5-year period, all population	29,780 persons	CCR (2004–2008)
	Number of individuals living with or beyond breast cancer, that were diagnosed in a 5-year period, all population	90,677 persons	CCR (2004–2008)
	Number of individuals living with or beyond colorectal cancer, that were diagnosed in a 5-year period, all population	67,173 persons	CCR (2004–2008)
Morbidity—Incidence	Incidence rate of diabetes, children and youth aged 19 years or less	42.7 per 100,000	CCDSS (2008)
	Incidence rate of diabetes, population aged 20+ years	813.6 per 100,000	CCDSS (2008)
	Incidence rate of asthma, children and youth aged 19 years or less	1097.8 per 100,000	CCDSS (2008)
	Incidence rate of asthma, population aged 20+ years	392.1 per 100,000	CCDSS (2008)
	Incidence rate of chronic obstructive pulmonary disease, population aged 35+ years	890.4 per 100,000	CCDSS (2008)
	Incidence rate of all cancers, all male population	467.5 per 100,000	CCR (2007)
	Incidence rate of all cancers, all female population	364.8 per 100,000	CCR (2007)
	Incidence rate of prostate cancer, all male population	125.8 per 100,000	CCR (2007)
	Incidence rate of lung cancer, all male population	69.0 per 100,000	CCR (2007)
	Incidence rate of lung cancer, all female population	47.9 per 100,000	CCR (2007)
	Incidence rate of colorectal cancer, all male population	60.8 per 100,000	CCR (2007)
	Incidence rate of colorectal cancer, all female population	40.9 per 100,000	CCR (2007)
	Incidence rate of breast cancer, all female population	98.8 per 100,000	CCR (2007)
Multimorbidity	% of population with multiple chronic diseases** (2+ of 10 chronic diseases), population aged 20+ years	13.3%	CCHS (2009–2010)
	% of population with multiple chronic diseases** (3+ of 10 chronic diseases), population aged 20+ years	4.4%	CCHS (2009–2010)
Disability	% of population that reports being limited in their activities 'sometimes' or 'often' due to disease/illness, population aged 12+ years	28.4%	CCHS (2009–2010)
Mortality	Mortality rate due to a major chronic disease (cardiovascular diseases, all cancers, chronic respiratory disease), total population	458.0 per 100,000	CVS (2009)
	Mortality rate due to cardiovascular diseases, total population	203.7 per 100,000	CVS (2009)
	Mortality rate due to cancer, total population	210.9 per 100,000	CVS (2009)
	Mortality rate due to chronic respiratory diseases, total population	43.5 per 100,000	CVS (2009)
	Mortality rate due to suicide, total population	11.5 per 100,000	CVS (2009)
	All-cause mortality rate ratios among people with and without diabetes, population aged 20+ years	4.5 rate ratio	CCDSS (2008)
Premature Mortality	Potential years of life lost due to cancer	1,504 per 100,000	CVS (2009)
	Potential years of life lost due to cardiovascular diseases	755.4 per 100,000	CVS (2009)
	Potential years of life lost due to chronic respiratory diseases	118.1 per 100,000	CVS (2009)
	Potential years of life lost due to suicide	362.1 per 100,000	CVS (2009)
	Probability of dying (%) between ages 30 and 69 years from major chronic diseases (cardiovascular disease, cancer, chronic respiratory disease, diabetes)	11.4%	CVS (2009)
	Probability of dying (%) between ages 30 and 69 years from cardiovascular disease	3.5%	CVS (2009)
	Probability of dying (%) between ages 30 and 69 years from cancer	7.1%	CVS (2009)
	Probability of dying (%) between ages 30 and 69 years from chronic respiratory diseases	0.7%	CVS (2009)
	Probability of dying (%) between ages 30 and 69 years from diabetes	0.5%	CVS (2009)

* CCHS 2009–2010 data exist for this indicator and are available for use when disaggregating by demographic and social markers.

** **Multimorbidity:** Chronic diseases included are heart disease, stroke, cancer, asthma, COPD, diabetes, arthritis, Alzheimer's or other dementia, mood disorder (depression), and anxiety

Acronyms of Data Sources: Canadian Alcohol and Other Drug Use Monitoring Survey (CADUMS), Canadian Cancer Registry (CCR), Canadian Chronic Disease Surveillance System (CCDSS), Canadian Community Health Survey (CCHS), Canadian Health Measures Survey (CHMS), Canadian Physical Activity Levels Among Youth (CANPLAY), Canadian Tobacco Use Monitoring Survey (CTUMS), Canadian Vitals Statistics (CVS), Labour Force Survey (LFS), Survey of Labour and Income Dynamics (SLID).

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