

Economic Burden of Illness in Canada

2010 - Ontario - 15 to 34 - All Costs

	Male	Female	Total
	Cost	Cost	Cost

Certain infectious and parasitic diseases

Clostridium difficile	144,810	530,092	674,903
Diarrhoea and gastroenteritis of presumed infectious origin	8,293,527	13,736,818	22,030,345
Human immunodeficiency virus [HIV] disease	3,490,124	963,110	4,453,234
Intestinal infectious diseases except diarrhoea (and C. difficile)	1,497,001	1,242,571	2,739,572
Other infectious and parasitic diseases	34,527,841	53,611,259	88,139,100
Septicaemia	4,601,962	4,812,771	9,414,733
Sexually Transmitted Diseases	4,286,617	6,452,346	10,738,963
Tuberculosis	1,371,251	1,297,847	2,669,098
Totals for above Certain infectious and parasitic diseases	58,213,134	82,646,814	140,859,948

Neoplasms

Benign neoplasm of colon, rectum and anus	1,094,081	1,170,252	2,264,333
Carcinoma in situ	257,493	8,591,900	8,849,393
Hodgkin lymphoma	1,623,013	1,425,623	3,048,636
Leiomyoma of uterus	1,971	3,449,859	3,451,830
Leukaemia	4,198,435	65,735,933	69,934,367
Malignant neoplasm of bladder	204,961	110,276	315,237
Malignant neoplasm of brain	2,556,163	1,722,452	4,278,615
Malignant neoplasm of breast	12,240	2,459,728	2,471,968
Malignant neoplasm of colon, rectum and anus	1,082,042	943,040	2,025,083
Malignant neoplasm of esophagus	53,503	21,885	75,388
Malignant neoplasm of kidney	268,789	327,717	596,506
Malignant neoplasm of larynx	15,097	43,573	58,670
Malignant neoplasm of liver	140,162	334,769	474,932
Malignant neoplasm of ovary	960	739,132	740,092
Malignant neoplasm of pancreas	68,570	152,201	220,771
Malignant neoplasm of prostate	15,054	3,067	18,121
Malignant neoplasm of stomach	156,044	56,323	212,367
Malignant neoplasm of testis	4,770,584	1,478	4,772,062

Malignant neoplasm of thyroid	624,184	3,307,053	3,931,237
Malignant neoplasm of uterus - Cervix uteri	434	1,292,188	1,292,621
Malignant neoplasm of uterus - Other	1,368	165,941	167,309
Malignant neoplasms of lip, oral cavity and pharynx	375,568	324,444	700,013
Malignant neoplasms of skin - Melanoma	488,577	625,248	1,113,825
Malignant neoplasms of skin - Other	273,261	536,743	810,004
Malignant neoplasms of trachea, bronchus and lung	290,973	216,711	507,684
Multiple myeloma	44,443	86,165	130,608
Non-Hodgkin lymphoma	1,839,426	1,483,065	3,322,491
Other benign neoplasms and neoplasms of uncertain or unknown behaviour	14,617,198	34,974,148	49,591,346
Other malignant neoplasms	4,728,662	4,919,635	9,648,297
Totals for above Neoplasms	39,803,256	135,220,550	175,023,806

Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism			
Anaemias - Iron-deficiency anaemia	1,150,375	6,998,698	8,149,074
Anaemias - Other	4,975,162	5,325,406	10,300,568
Other diseases of blood & blood forming organs & certain disorders involving the immune mechanism	3,353,288	3,611,740	6,965,028
Totals for above Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism	9,478,825	15,935,845	25,414,670

Endocrine, nutritional and metabolic diseases			
Diabetes mellitus	42,437,635	60,323,604	102,761,239
Other endocrine, nutritional and metabolic diseases	8,161,953	14,482,542	22,644,495
Totals for above Endocrine, nutritional and metabolic diseases	50,599,588	74,806,146	125,405,734

Mental and behavioural disorders			
Dementia	132,158	75,357	207,514
Mental and behavioural disorders due to alcohol	10,865,977	5,490,869	16,356,847
Mental and behavioural disorders due to use of other psychoactive subst.	51,905,605	29,215,275	81,120,880
Mood [affective] disorders	81,091,481	134,162,536	215,254,017

Other mental and behavioural disorders	171,285,911	225,672,467	396,958,379
Schizophrenia, schizotypal and delusional disorders	140,507,575	43,000,337	183,507,912
Totals for above Mental and behavioural disorders	455,788,707	437,616,841	893,405,549

Diseases of the nervous system			
Alzheimer's disease	61,854	54,572	116,426
Bacterial meningitis	188,403	174,283	362,686
Epilepsy	7,196,204	6,708,706	13,904,910
Meningitis due to other organisms or of unspecified cause	377,860	481,394	859,253
Migraine	1,950,702	7,006,884	8,957,586
Multiple sclerosis	1,392,695	26,358,827	27,751,522
Other diseases of the nervous system	24,467,240	36,327,741	60,794,981
Parkinson disease and secondary parkinsonism	915,709	89,151	1,004,860
Transient cerebral ischaemic attacks and related syndromes	196,709	198,287	394,996
Totals for above Diseases of the nervous system	36,747,377	77,399,844	114,147,221

Diseases of the eye and adnexa			
Cataract	1,223,770	1,094,342	2,318,112
Other diseases of the eye and adnexa	26,435,079	36,685,217	63,120,296
Totals for above Diseases of the eye and adnexa	27,658,849	37,779,559	65,438,408

Diseases of the ear and mastoid process			
Hearing loss	1,468,592	1,840,490	3,309,082
Other diseases of the ear and mastoid process	8,185,849	12,285,683	20,471,532
Otitis media	6,591,495	8,096,084	14,687,579
Totals for above Diseases of the ear and mastoid process	16,245,936	22,222,258	38,468,194

Diseases of the circulatory system			
Acute but ill-defined stroke	779,153	558,566	1,337,719
Acute myocardial infarction	2,639,609	819,614	3,459,223
Angina pectoris	591,992	201,471	793,463
Atherosclerosis	367,547	1,308,055	1,675,602
Cerebral infarction	732,555	816,264	1,548,818
Conduction disorders and cardiac arrhythmias	9,501,098	8,585,070	18,086,169
Essential hypertension	3,128,657	2,863,710	5,992,367
Heart failure	1,275,005	956,718	2,231,724
Intracerebral haemorrhage	1,158,952	904,025	2,062,977

Other cerebrovascular diseases	700,474	812,472	1,512,946
Other diseases of the circulatory system	15,685,877	12,107,889	27,793,767
Other hypertensive diseases	709,422	497,666	1,207,089
Other ischaemic heart diseases	1,764,804	686,132	2,450,936
Pulmonary heart disease & diseases of pulmonary circulation	1,439,327	2,630,108	4,069,434
Subarachnoid haemorrhage	1,634,905	1,536,189	3,171,094
Varicose veins of lower extremities	16,954,331	17,713,087	34,667,418
Totals for above Diseases of the circulatory system	59,063,709	52,997,037	112,060,746

Diseases of the respiratory system

Asthma	43,638,509	41,319,562	84,958,072
Bronchiectasis	5,380,786	8,588,247	13,969,033
Chronic diseases of tonsils and adenoids	5,412,628	12,202,674	17,615,302
Chronic obstructive pulmonary disease	1,254,194	1,436,405	2,690,599
Influenza	1,133,925	1,611,061	2,744,986
Other acute lower respiratory infections	6,293,704	12,724,419	19,018,124
Other acute upper respiratory infections	27,787,626	49,798,785	77,586,410
Other diseases of the respiratory system	14,319,517	8,773,874	23,093,391
Other diseases of upper respiratory tract	37,851,380	42,912,669	80,764,050
Pneumonia	8,040,839	9,332,573	17,373,413
Totals for above Diseases of the respiratory system	151,113,109	188,700,270	339,813,379

Diseases of the digestive system

Alcoholic liver disease	1,058,598	737,388	1,795,986
Cholelithiasis	1,733,891	6,709,388	8,443,279
Crohn's disease and ulcerative colitis	16,740,333	21,268,901	38,009,235
Diseases of anus and rectum	9,795,272	10,504,351	20,299,623
Diseases of appendix	17,640,977	14,665,006	32,305,983
Diseases of oesophagus	7,032,674	6,071,807	13,104,481
Diseases of pancreas	40,215,884	58,891,476	99,107,359
Diseases of the teeth and supporting structures	20,330,185	21,992,115	42,322,299
Diverticular disease of intestine	1,359,919	554,477	1,914,395
Dyspepsia and other diseases of stomach and duodenum	17,070,530	18,929,004	35,999,533
Fibrosis and cirrhosis of liver	2,096,446	1,903,375	3,999,821

Inguinal hernia	15,700,220	1,304,926	17,005,146
Other abdominal hernia	6,274,445	6,984,827	13,259,272
Other diseases of gall bladder and biliary tract	3,995,652	5,397,964	9,393,616
Other diseases of intestine	5,961,845	10,145,917	16,107,762
Other diseases of liver	6,812,026	44,399,789	51,211,815
Other diseases of oral cavity, salivary glands and jaws	3,110,855	3,310,529	6,421,384
Other diseases of the digestive system	0	11,612	11,612
Other noninfective gastroenteritis and colitis	1,951,351	2,634,419	4,585,770
Paralytic ileus and intestinal obstruction without hernia	3,269,568	2,915,276	6,184,844
Peptic ulcer	7,358,923	6,082,775	13,441,698
Totals for above Diseases of the digestive system	189,509,593	245,415,320	434,924,914

Diseases of the skin and subcutaneous tissue			
Dermatitis, eczema and papulosquamous disorders	18,170,309	35,512,725	53,683,033
Infections of the skin and subcutaneous tissue	21,325,710	15,574,580	36,900,290
Other diseases of the skin and subcutaneous tissue	49,700,433	72,531,775	122,232,208
Totals for above Diseases of the skin and subcutaneous tissue	89,196,452	123,619,080	212,815,532

Diseases of the musculoskeletal system and connective tissue			
Coxarthrosis [arthrosis of hip]	564,926	499,688	1,064,614
Deforming dorsopathies and spondylopathies	7,491,851	8,578,962	16,070,813
Dorsalgia	16,799,553	11,619,400	28,418,953
Gonarthrosis [arthrosis of knee]	584,692	501,804	1,086,496
Gout	177,836	41,612	219,448
Internal derangement of knee	30,614,542	15,061,572	45,676,114
Intervertebral disc disorders	5,603,039	6,121,447	11,724,485
Osteoporosis	285,235	720,507	1,005,742
Other arthropathies	32,511,730	33,581,793	66,093,523
Other arthrosis	1,746,004	1,339,869	3,085,873
Other disorders of the musculoskeletal system and connective tissue	20,656,544	20,014,381	40,670,925
Rheumatoid arthritis	410,287	1,795,591	2,205,878
Soft tissue disorders	18,211,864	17,302,207	35,514,071
Systemic connective tissue disorders	1,002,254	4,853,591	5,855,845

Totals for above Diseases of the musculoskeletal system and connective tissue	136,660,356	122,032,423	258,692,779
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Diseases of the genitourinary system			
Acute renal failure	1,639,716	1,199,143	2,838,859
Chronic renal failure	5,891,353	4,223,691	10,115,044
Disorders of breast	4,927,317	24,872,153	29,799,469
Glomerular and renal tubulo-interstitial diseases	3,567,538	9,536,235	13,103,773
Hyperplasia of prostate	161,550	10,458	172,008
Inflammatory diseases of female pelvic organs	30,202	22,712,295	22,742,498
Menstrual, menopausal and other female genital conditions	40,104	54,215,053	54,255,157
Other diseases of male genital organs	15,553,585	52,284	15,605,869
Other diseases of the urinary system	8,741,869	42,802,520	51,544,390
Other disorders of the genitourinary system	1,204,794	102,078,064	103,282,858
Unspecified renal failure	587,056	518,817	1,105,873
Urolithiasis	8,929,690	11,373,943	20,303,633
Totals for above Diseases of the genitourinary system	51,274,774	273,594,658	324,869,432

Pregnancy, childbirth and the puerperium			
Maternal Sepsis	1,141	2,852,876	2,854,017
Medical abortion	398	5,489,125	5,489,523
Obstructed labour (Dystocia)	913	38,358,839	38,359,751
Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	910	26,337,822	26,338,732
Other complications of pregnancy predominantly during labour and delivery	9,464	169,220,133	169,229,598
Other complications of pregnancy predominantly in the antenatal period	25,945	288,503,007	288,528,952
Other complications predominantly related to the puerperium	15,329	4,197,951	4,213,279
Other delivery	0	2,149,721	2,149,721
Other obstetric conditions	27,812	82,376,830	82,404,643
Other pregnancy with abortive outcome	14,540	41,394,640	41,409,180
Single spontaneous delivery	5,148	79,001,361	79,006,509

Totals for above Pregnancy, childbirth and the puerperium	101,599	739,882,306	739,983,906
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Certain conditions originating in the perinatal period			
Birth asphyxia and birth trauma	149,122	268,985	418,107
Disorders related to short gestation and low birth weight	13,713	186,176	199,888
Other conditions originating in the perinatal period	69,015	2,596,187	2,665,201
Slow fetal growth and fetal malnutrition	1,890	49,745	51,634
Totals for above Certain conditions originating in the perinatal period	233,739	3,101,092	3,334,831

Congenital malformations, deformations and chromosomal abnormalities			
Congenital heart anomalies	4,560,813	4,783,014	9,343,828
Other congenital malformations, deformations and chromosomal abnormalities	7,047,587	7,820,982	14,868,569
Totals for above Congenital malformations, deformations and chromosomal abnormalities	11,608,400	12,603,996	24,212,396

Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified			
Abdominal and pelvic pain	16,767,646	52,220,555	68,988,201
Other symptoms, signs and abnormal clinical and laboratory findings	102,861,304	144,970,891	247,832,195
Pain in throat and chest	10,402,212	8,956,433	19,358,645
Unknown and unspecified causes of morbidity (incl. those without a diagnosis)	3,830,612	9,004,166	12,834,777
Totals for above Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	133,861,774	215,152,045	349,013,819

Injury, poisoning & certain other consequences of external causes (injury coding type 1)			
Burns and corrosions	5,665,526	1,869,637	7,535,163
Complications of surgical and medical care, not elsewhere classified	17,942,217	18,011,767	35,953,984
Fracture of femur	24,687,801	39,450,921	64,138,722
Fracture of forearm	7,807,891	4,425,829	12,233,720

Fracture of lower leg, including ankle	217,264,248	463,751,434	681,015,682
Intracranial injury	16,804,616	7,080,970	23,885,586
Other and unspecified effects of external causes	3,090,112	2,363,511	5,453,624
Other injuries	85,869,904	32,912,228	118,782,132
Other injuries to the head	22,423,833	6,467,382	28,891,215
Poisonings by drugs, medicaments & biological substances & toxic effects of substances chiefly ...	5,954,246	6,865,875	12,820,121
Sequelae of injuries, of poisoning and of other consequences of external causes	0	0	0
Totals for above Injury, poisoning & certain other consequences of external causes (injury coding type 1)	407,510,394	583,199,555	990,709,949

External causes of morbidity and mortality (injury coding type 2)			
Drowning	178,584	18,703	197,287
Falls	132,516	8,761	141,277
Fires	42,186	21,573	63,759
Injuries of undetermined intent	374,874	119,725	494,599
Other intentional injuries	58,524	0	58,524
Other unintentional injuries	609,624	49,279	658,904
Poisonings	1,754,448	339,599	2,094,047
Road traffic accidents	1,499,559	243,055	1,742,614
Self-inflicted injuries	2,232,738	703,001	2,935,739
Violence	616,371	135,664	752,035
Totals for above External causes of morbidity and mortality (injury coding type 2)	7,499,425	1,639,361	9,138,785

Factors influencing health status and contact with health services			
Contraceptive management	9,025,153	19,487,874	28,513,027
Live born infants according to place of birth (healthy newborn babies)	0	0	0
Medical observation and evaluation for suspected diseases and conditions	21,678,345	234,745,608	256,423,953
Other factors influencing health status and contact with health services	299,951,971	476,963,958	776,915,928
Other medical care (including radiotherapy and chemotherapy sessions)	51,448,673	66,323,832	117,772,505

Totals for above Factors influencing health status and contact with health services	382,104,140	797,521,272	1,179,625,412
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Totals	2,314,273,137	4,243,086,273	6,557,359,410
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Notes:

1.	Please read the appropriate Economic Burden of Illness in Canada 2010 Report in order to understand the limitations of the data.
2.	Data are grouped by ICD-10 Chapter and diagnostic categories which are based on the International Short List of Hospital Morbidity Tabulation (ISHMT). Please see the EBIC 2010 Report for the diagnostic categories and associated ICD-10 codes.
3.	ICD Chapter XIX, Injury, poisoning and certain other consequences of external causes (Injury coding type 1) and Chapter XX, External causes of morbidity and mortality (Injury coding type 2) have been combined. Note that Mortality data was originally classified according to Chapter XX only, while the other data were classified by Chapter XIX.
4.	Drug costs for the territories are not available.