

Economic Burden of Illness in Canada

2010 - Manitoba - All Ages - All Costs

	Male	Female	Total
	Cost	Cost	Cost

Certain infectious and parasitic diseases

Clostridium difficile	430,463	1,556,329	1,986,792
Diarrhoea and gastroenteritis of presumed infectious origin	4,953,171	5,900,609	10,853,780
Human immunodeficiency virus [HIV] disease	9,342,797	6,404,072	15,746,868
Intestinal infectious diseases except diarrhoea (and C. difficile)	836,897	903,695	1,740,592
Other infectious and parasitic diseases	13,369,967	16,124,589	29,494,556
Septicaemia	12,835,392	11,088,592	23,923,984
Sexually Transmitted Diseases	1,039,690	1,230,377	2,270,067
Tuberculosis	1,488,263	1,404,286	2,892,549
Totals for above Certain infectious and parasitic diseases	44,296,639	44,612,550	88,909,189

Neoplasms

Benign neoplasm of colon, rectum and anus	5,069,263	3,841,408	8,910,671
Carcinoma in situ	1,318,310	3,542,608	4,860,917
Hodgkin lymphoma	519,032	192,486	711,518
Leiomyoma of uterus	1,308	3,873,204	3,874,512
Leukaemia	3,360,749	3,127,503	6,488,252
Malignant neoplasm of bladder	3,700,956	1,398,218	5,099,174
Malignant neoplasm of brain	1,530,181	1,668,642	3,198,823
Malignant neoplasm of breast	66,221	9,044,173	9,110,395
Malignant neoplasm of colon, rectum and anus	10,709,686	9,470,760	20,180,445
Malignant neoplasm of esophagus	1,316,268	339,326	1,655,594
Malignant neoplasm of kidney	2,246,830	1,305,360	3,552,190
Malignant neoplasm of larynx	1,039,524	92,557	1,132,082
Malignant neoplasm of liver	574,832	142,373	717,206
Malignant neoplasm of ovary	1,706	3,182,310	3,184,016
Malignant neoplasm of pancreas	1,849,092	1,763,394	3,612,486
Malignant neoplasm of prostate	7,306,493	6,415	7,312,908
Malignant neoplasm of stomach	1,699,115	801,242	2,500,357
Malignant neoplasm of testis	339,856	1,022	340,878

Malignant neoplasm of thyroid	3,636,026	2,734,545	6,370,571
Malignant neoplasm of uterus - Cervix uteri	1,368	1,022,038	1,023,407
Malignant neoplasm of uterus - Other	819	2,820,197	2,821,016
Malignant neoplasms of lip, oral cavity and pharynx	2,008,914	834,911	2,843,825
Malignant neoplasms of skin - Melanoma	842,625	491,878	1,334,503
Malignant neoplasms of skin - Other	2,260,191	1,793,227	4,053,418
Malignant neoplasms of trachea, bronchus and lung	7,457,859	7,652,746	15,110,605
Multiple myeloma	1,655,471	1,287,959	2,943,430
Non-Hodgkin lymphoma	3,165,177	2,060,509	5,225,686
Other benign neoplasms and neoplasms of uncertain or unknown behaviour	9,702,405	16,520,149	26,222,554
Other malignant neoplasms	11,041,893	17,243,116	28,285,009
Totals for above Neoplasms	84,422,173	98,254,275	182,676,448

Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism			
Anaemias - Iron-deficiency anaemia	2,142,888	3,389,136	5,532,024
Anaemias - Other	8,199,892	4,016,189	12,216,081
Other diseases of blood & blood forming organs & certain disorders involving the immune mechanism	3,045,257	2,818,090	5,863,347
Totals for above Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism	13,388,037	10,223,415	23,611,452

Endocrine, nutritional and metabolic diseases			
Diabetes mellitus	85,266,924	86,191,620	171,458,544
Other endocrine, nutritional and metabolic diseases	6,582,686	10,321,240	16,903,926
Totals for above Endocrine, nutritional and metabolic diseases	91,849,610	96,512,860	188,362,470

Mental and behavioural disorders			
Dementia	12,011,214	16,881,495	28,892,709
Mental and behavioural disorders due to alcohol	6,975,212	3,841,096	10,816,309
Mental and behavioural disorders due to use of other psychoactive subst.	9,198,810	6,872,592	16,071,403
Mood [affective] disorders	31,726,300	55,390,891	87,117,191

Other mental and behavioural disorders	70,569,810	86,923,541	157,493,351
Schizophrenia, schizotypal and delusional disorders	29,866,270	19,152,297	49,018,567
Totals for above Mental and behavioural disorders	160,347,617	189,061,913	349,409,529

Diseases of the nervous system			
Alzheimer's disease	2,911,788	3,963,218	6,875,005
Bacterial meningitis	1,094,184	550,400	1,644,583
Epilepsy	3,588,083	3,584,729	7,172,812
Meningitis due to other organisms or of unspecified cause	145,967	296,534	442,501
Migraine	737,366	2,197,345	2,934,711
Multiple sclerosis	3,984,779	6,647,526	10,632,305
Other diseases of the nervous system	47,057,044	28,558,256	75,615,300
Parkinson disease and secondary parkinsonism	4,255,363	2,572,136	6,827,499
Transient cerebral ischaemic attacks and related syndromes	3,078,149	2,972,584	6,050,733
Totals for above Diseases of the nervous system	66,852,722	51,342,727	118,195,449

Diseases of the eye and adnexa			
Cataract	13,816,187	19,078,418	32,894,605
Other diseases of the eye and adnexa	25,217,079	31,252,178	56,469,257
Totals for above Diseases of the eye and adnexa	39,033,266	50,330,596	89,363,861

Diseases of the ear and mastoid process			
Hearing loss	1,066,313	1,122,737	2,189,051
Other diseases of the ear and mastoid process	4,775,739	5,490,974	10,266,713
Otitis media	7,365,731	5,492,670	12,858,402
Totals for above Diseases of the ear and mastoid process	13,207,783	12,106,382	25,314,165

Diseases of the circulatory system			
Acute but ill-defined stroke	4,618,546	4,048,968	8,667,514
Acute myocardial infarction	32,656,791	16,568,817	49,225,608
Angina pectoris	8,016,726	3,425,731	11,442,457
Atherosclerosis	4,032,671	4,097,217	8,129,889
Cerebral infarction	11,419,071	8,078,255	19,497,327
Conduction disorders and cardiac arrhythmias	21,650,355	17,315,746	38,966,102
Essential hypertension	8,622,501	11,422,732	20,045,233
Heart failure	14,536,824	15,386,899	29,923,723
Intracerebral haemorrhage	4,661,078	5,680,550	10,341,628

Other cerebrovascular diseases	3,209,325	2,588,005	5,797,330
Other diseases of the circulatory system	28,465,435	19,934,583	48,400,019
Other hypertensive diseases	5,196,643	3,932,519	9,129,162
Other ischaemic heart diseases	38,650,601	15,364,318	54,014,919
Pulmonary heart disease & diseases of pulmonary circulation	2,610,776	4,752,971	7,363,747
Subarachnoid haemorrhage	2,909,125	2,373,813	5,282,938
Varicose veins of lower extremities	102,179,143	85,756,044	187,935,187
Totals for above Diseases of the circulatory system	293,435,613	220,727,170	514,162,783

Diseases of the respiratory system			
Asthma	20,061,687	22,173,973	42,235,660
Bronchiectasis	3,409,552	3,353,149	6,762,702
Chronic diseases of tonsils and adenoids	4,034,808	4,867,248	8,902,056
Chronic obstructive pulmonary disease	20,974,198	22,702,296	43,676,494
Influenza	870,897	636,482	1,507,379
Other acute lower respiratory infections	7,478,084	6,236,207	13,714,292
Other acute upper respiratory infections	9,644,204	11,959,803	21,604,007
Other diseases of the respiratory system	21,587,668	18,321,977	39,909,645
Other diseases of upper respiratory tract	24,489,464	20,190,029	44,679,493
Pneumonia	14,945,039	15,035,843	29,980,882
Totals for above Diseases of the respiratory system	127,495,602	125,477,008	252,972,609

Diseases of the digestive system			
Alcoholic liver disease	3,175,555	1,370,637	4,546,192
Cholelithiasis	2,205,249	3,061,725	5,266,975
Crohn's disease and ulcerative colitis	4,741,009	4,938,165	9,679,174
Diseases of anus and rectum	7,516,221	6,988,716	14,504,936
Diseases of appendix	5,342,693	4,200,951	9,543,644
Diseases of oesophagus	5,787,766	4,521,278	10,309,044
Diseases of pancreas	24,630,523	27,765,501	52,396,025
Diseases of the teeth and supporting structures	13,271,856	12,585,961	25,857,817
Diverticular disease of intestine	3,857,538	4,398,543	8,256,080
Dyspepsia and other diseases of stomach and duodenum	8,597,545	12,850,008	21,447,553
Fibrosis and cirrhosis of liver	3,103,667	3,211,918	6,315,584

Inguinal hernia	9,346,809	1,278,997	10,625,807
Other abdominal hernia	5,792,594	5,840,538	11,633,131
Other diseases of gall bladder and biliary tract	5,042,200	6,340,747	11,382,947
Other diseases of intestine	6,727,826	9,823,873	16,551,700
Other diseases of liver	6,358,888	16,028,005	22,386,893
Other diseases of oral cavity, salivary glands and jaws	2,021,460	2,143,332	4,164,792
Other diseases of the digestive system	24,105	11,013	35,118
Other noninfective gastroenteritis and colitis	913,596	2,261,348	3,174,944
Paralytic ileus and intestinal obstruction without hernia	5,313,256	6,143,503	11,456,760
Peptic ulcer	3,275,090	3,323,591	6,598,681
Totals for above Diseases of the digestive system	127,045,447	139,088,350	266,133,797

Diseases of the skin and subcutaneous tissue			
Dermatitis, eczema and papulosquamous disorders	9,473,207	9,103,154	18,576,362
Infections of the skin and subcutaneous tissue	11,461,039	11,179,107	22,640,145
Other diseases of the skin and subcutaneous tissue	11,430,270	16,231,991	27,662,260
Totals for above Diseases of the skin and subcutaneous tissue	32,364,516	36,514,251	68,878,767

Diseases of the musculoskeletal system and connective tissue			
Coxarthrosis [arthrosis of hip]	4,512,887	6,188,029	10,700,916
Deforming dorsopathies and spondylopathies	13,590,394	8,134,294	21,724,688
Dorsalgia	10,263,974	10,707,082	20,971,056
Gonarthrosis [arthrosis of knee]	6,603,953	9,663,364	16,267,317
Gout	475,146	256,849	731,994
Internal derangement of knee	7,742,895	5,175,253	12,918,148
Intervertebral disc disorders	4,158,444	3,630,660	7,789,104
Osteoporosis	1,027,609	8,498,244	9,525,853
Other arthropathies	19,758,773	34,915,280	54,674,053
Other arthrosis	4,854,754	7,413,572	12,268,326
Other disorders of the musculoskeletal system and connective tissue	12,104,072	17,003,643	29,107,716
Rheumatoid arthritis	6,051,124	17,462,036	23,513,160
Soft tissue disorders	12,159,724	12,660,658	24,820,382
Systemic connective tissue disorders	784,761	2,925,914	3,710,675

Totals for above Diseases of the musculoskeletal system and connective tissue	104,088,509	144,634,878	248,723,387
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Diseases of the genitourinary system			
Acute renal failure	4,492,329	3,335,903	7,828,232
Chronic renal failure	7,950,817	6,715,874	14,666,691
Disorders of breast	913,834	8,073,388	8,987,222
Glomerular and renal tubulo-interstitial diseases	3,348,603	4,780,573	8,129,175
Hyperplasia of prostate	10,579,114	8,270	10,587,384
Inflammatory diseases of female pelvic organs	9,384	4,363,302	4,372,686
Menstrual, menopausal and other female genital conditions	19,552	17,452,004	17,471,556
Other diseases of male genital organs	9,957,229	17,826	9,975,055
Other diseases of the urinary system	10,749,595	25,068,113	35,817,707
Other disorders of the genitourinary system	1,088,549	31,478,154	32,566,703
Unspecified renal failure	806,554	687,863	1,494,417
Urolithiasis	8,147,993	5,694,174	13,842,167
Totals for above Diseases of the genitourinary system	58,063,551	107,675,442	165,738,993

Pregnancy, childbirth and the puerperium			
Maternal Sepsis	702	499,349	500,052
Medical abortion	196	566,816	567,012
Obstructed labour (Dystocia)	3,827	6,141,876	6,145,702
Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	1,067	4,159,249	4,160,316
Other complications of pregnancy predominantly during labour and delivery	17,155	15,198,992	15,216,147
Other complications of pregnancy predominantly in the antenatal period	46,317	35,955,423	36,001,740
Other complications predominantly related to the puerperium	9,713	690,315	700,028
Other delivery	8,136	234,127	242,263
Other obstetric conditions	18,515	11,932,577	11,951,092
Other pregnancy with abortive outcome	9,181	6,712,259	6,721,440
Single spontaneous delivery	7,438	8,515,667	8,523,105

Totals for above Pregnancy, childbirth and the puerperium	122,249	90,606,650	90,728,899
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Certain conditions originating in the perinatal period			
Birth asphyxia and birth trauma	7,848,377	4,049,452	11,897,830
Disorders related to short gestation and low birth weight	11,715,948	11,728,825	23,444,773
Other conditions originating in the perinatal period	4,360,711	3,347,257	7,707,968
Slow fetal growth and fetal malnutrition	155,577	144,540	300,117
Totals for above Certain conditions originating in the perinatal period	24,080,613	19,270,075	43,350,688

Congenital malformations, deformations and chromosomal abnormalities			
Congenital heart anomalies	4,106,789	4,414,151	8,520,941
Other congenital malformations, deformations and chromosomal abnormalities	15,534,943	7,811,522	23,346,465
Totals for above Congenital malformations, deformations and chromosomal abnormalities	19,641,732	12,225,674	31,867,406

Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified			
Abdominal and pelvic pain	8,726,118	18,872,777	27,598,895
Other symptoms, signs and abnormal clinical and laboratory findings	80,225,876	99,340,216	179,566,093
Pain in throat and chest	8,711,247	9,136,472	17,847,719
Unknown and unspecified causes of morbidity (incl. those without a diagnosis)	14,485,241	13,739,568	28,224,810
Totals for above Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	112,148,483	141,089,034	253,237,517

Injury, poisoning & certain other consequences of external causes (injury coding type 1)			
Burns and corrosions	3,826,235	1,495,513	5,321,747
Complications of surgical and medical care, not elsewhere classified	18,731,158	20,216,321	38,947,479
Fracture of femur	18,221,906	30,066,282	48,288,188
Fracture of forearm	3,604,897	4,013,102	7,617,999

Fracture of lower leg, including ankle	129,780,541	190,182,400	319,962,941
Intracranial injury	9,728,813	3,581,355	13,310,168
Other and unspecified effects of external causes	1,958,187	1,415,204	3,373,391
Other injuries	30,868,518	21,822,336	52,690,854
Other injuries to the head	7,196,313	3,608,555	10,804,868
Poisonings by drugs, medicaments & biological substances & toxic effects of substances chiefly ...	2,002,196	2,977,783	4,979,979
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)	225,918,764	279,378,851	505,297,614

External causes of morbidity and mortality (injury coding type 2)			
Drowning	33,803	3,671	37,474
Falls	201,709	40,330	242,038
Fires	88,797	14,628	103,425
Injuries of undetermined intent	137,941	91,069	229,010
Other intentional injuries	12,710	0	12,710
Other unintentional injuries	237,665	17,629	255,295
Poisonings	546,174	207,306	753,480
Road traffic accidents	433,561	144,270	577,831
Self-inflicted injuries	872,959	203,368	1,076,327
Violence	239,723	49,879	289,602
Totals for above External causes of morbidity and mortality (injury coding type 2)	2,805,041	772,150	3,577,191

Factors influencing health status and contact with health services			
Contraceptive management	2,166,067	3,720,718	5,886,785
Live born infants according to place of birth (healthy newborn babies)	5,609,735	5,546,083	11,155,817
Medical observation and evaluation for suspected diseases and conditions	18,891,018	42,751,196	61,642,214
Other factors influencing health status and contact with health services	202,108,568	221,461,985	423,570,553
Other medical care (including radiotherapy and chemotherapy sessions)	81,243,201	99,998,864	181,242,064

Totals for above Factors influencing health status and contact with health services	310,018,588	373,478,846	683,497,434
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Totals	1,950,626,554	2,243,383,096	4,194,009,649
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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.