

Economic Burden of Illness in Canada

2010 - Manitoba - 15 to 34 - All Costs

	Male	Female	Total
	Cost	Cost	Cost

Certain infectious and parasitic diseases

Clostridium difficile	2,627	27,220	29,847
Diarrhoea and gastroenteritis of presumed infectious origin	1,018,455	1,242,174	2,260,629
Human immunodeficiency virus [HIV] disease	660,387	750,878	1,411,265
Intestinal infectious diseases except diarrhoea (and C. difficile)	224,267	92,578	316,845
Other infectious and parasitic diseases	2,393,821	4,567,526	6,961,347
Septicaemia	282,702	403,225	685,928
Sexually Transmitted Diseases	688,357	928,064	1,616,421
Tuberculosis	538,702	313,061	851,763
Totals for above Certain infectious and parasitic diseases	5,809,318	8,324,726	14,134,044

Neoplasms

Benign neoplasm of colon, rectum and anus	100,372	108,177	208,549
Carcinoma in situ	21,162	1,078,831	1,099,992
Hodgkin lymphoma	203,090	83,623	286,713
Leiomyoma of uterus	163	282,450	282,613
Leukaemia	577,222	305,292	882,513
Malignant neoplasm of bladder	118,991	9,094	128,085
Malignant neoplasm of brain	156,993	54,503	211,496
Malignant neoplasm of breast	911	247,052	247,963
Malignant neoplasm of colon, rectum and anus	63,570	36,523	100,093
Malignant neoplasm of esophagus	2,206	931	3,138
Malignant neoplasm of kidney	19,787	12,526	32,313
Malignant neoplasm of larynx	895	2,645	3,540
Malignant neoplasm of liver	7,381	8,212	15,593
Malignant neoplasm of ovary	80	146,461	146,541
Malignant neoplasm of pancreas	12,613	4,241	16,855
Malignant neoplasm of prostate	1,199	254	1,453
Malignant neoplasm of stomach	13,358	8,193	21,551
Malignant neoplasm of testis	230,509	122	230,632

Malignant neoplasm of thyroid	52,016	274,790	326,805
Malignant neoplasm of uterus - Cervix uteri	36	88,180	88,215
Malignant neoplasm of uterus - Other	113	16,857	16,970
Malignant neoplasms of lip, oral cavity and pharynx	25,744	35,448	61,192
Malignant neoplasms of skin - Melanoma	38,350	72,031	110,381
Malignant neoplasms of skin - Other	27,255	66,095	93,350
Malignant neoplasms of trachea, bronchus and lung	23,352	9,387	32,739
Multiple myeloma	2,481	2,184	4,665
Non-Hodgkin lymphoma	75,807	72,288	148,095
Other benign neoplasms and neoplasms of uncertain or unknown behaviour	1,210,659	3,698,382	4,909,041
Other malignant neoplasms	574,095	435,516	1,009,610
Totals for above Neoplasms	3,560,410	7,160,286	10,720,697

Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism			
Anaemias - Iron-deficiency anaemia	97,947	438,112	536,060
Anaemias - Other	322,355	482,705	805,060
Other diseases of blood & blood forming organs & certain disorders involving the immune mechanism	321,042	459,079	780,121
Totals for above Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism	741,345	1,379,896	2,121,241

Endocrine, nutritional and metabolic diseases			
Diabetes mellitus	2,251,446	7,479,771	9,731,217
Other endocrine, nutritional and metabolic diseases	538,622	1,456,690	1,995,313
Totals for above Endocrine, nutritional and metabolic diseases	2,790,068	8,936,461	11,726,529

Mental and behavioural disorders			
Dementia	31,239	6,334	37,574
Mental and behavioural disorders due to alcohol	1,103,698	884,940	1,988,638
Mental and behavioural disorders due to use of other psychoactive subst.	3,497,020	2,560,938	6,057,959
Mood [affective] disorders	6,984,416	13,867,534	20,851,949

Other mental and behavioural disorders	17,759,404	23,715,319	41,474,723
Schizophrenia, schizotypal and delusional disorders	10,989,856	3,779,354	14,769,209
Totals for above Mental and behavioural disorders	40,365,634	44,814,419	85,180,053

Diseases of the nervous system			
Alzheimer's disease	5,128	4,523	9,651
Bacterial meningitis	47,275	6,399	53,674
Epilepsy	624,576	626,702	1,251,278
Meningitis due to other organisms or of unspecified cause	25,805	34,396	60,201
Migraine	250,328	743,532	993,859
Multiple sclerosis	167,282	1,125,131	1,292,413
Other diseases of the nervous system	2,469,660	3,514,329	5,983,989
Parkinson disease and secondary parkinsonism	3,290	16,243	19,533
Transient cerebral ischaemic attacks and related syndromes	27,274	21,981	49,254
Totals for above Diseases of the nervous system	3,620,617	6,093,236	9,713,853

Diseases of the eye and adnexa			
Cataract	125,193	114,186	239,380
Other diseases of the eye and adnexa	2,445,318	2,886,822	5,332,140
Totals for above Diseases of the eye and adnexa	2,570,511	3,001,008	5,571,520

Diseases of the ear and mastoid process			
Hearing loss	150,946	179,002	329,947
Other diseases of the ear and mastoid process	861,852	1,132,491	1,994,342
Otitis media	783,700	582,347	1,366,047
Totals for above Diseases of the ear and mastoid process	1,796,497	1,893,840	3,690,337

Diseases of the circulatory system			
Acute but ill-defined stroke	65,632	48,114	113,746
Acute myocardial infarction	320,183	70,780	390,963
Angina pectoris	55,429	15,222	70,651
Atherosclerosis	35,767	106,513	142,280
Cerebral infarction	19,566	84,679	104,245
Conduction disorders and cardiac arrhythmias	1,305,706	954,385	2,260,091
Essential hypertension	250,779	415,697	666,476
Heart failure	66,056	43,251	109,307
Intracerebral haemorrhage	29,223	32,790	62,013

Other cerebrovascular diseases	56,775	118,824	175,599
Other diseases of the circulatory system	1,585,937	1,024,641	2,610,578
Other hypertensive diseases	44,469	34,561	79,029
Other ischaemic heart diseases	194,083	79,969	274,052
Pulmonary heart disease & diseases of pulmonary circulation	105,586	199,447	305,033
Subarachnoid haemorrhage	94,448	42,074	136,522
Varicose veins of lower extremities	1,446,973	2,814,394	4,261,368
Totals for above Diseases of the circulatory system	5,676,613	6,085,341	11,761,954

Diseases of the respiratory system			
Asthma	3,624,997	4,215,948	7,840,945
Bronchiectasis	1,009,325	561,122	1,570,447
Chronic diseases of tonsils and adenoids	624,223	1,339,340	1,963,563
Chronic obstructive pulmonary disease	164,042	216,716	380,757
Influenza	102,350	126,596	228,946
Other acute lower respiratory infections	484,058	784,816	1,268,874
Other acute upper respiratory infections	2,165,842	3,585,309	5,751,151
Other diseases of the respiratory system	1,997,980	1,159,904	3,157,884
Other diseases of upper respiratory tract	3,907,602	4,361,695	8,269,297
Pneumonia	657,914	665,761	1,323,675
Totals for above Diseases of the respiratory system	14,738,333	17,017,206	31,755,538

Diseases of the digestive system			
Alcoholic liver disease	102,081	130,374	232,454
Cholelithiasis	162,287	653,822	816,109
Crohn's disease and ulcerative colitis	2,018,783	1,600,049	3,618,832
Diseases of anus and rectum	1,035,848	1,022,072	2,057,920
Diseases of appendix	1,558,361	1,334,875	2,893,235
Diseases of oesophagus	807,567	677,678	1,485,246
Diseases of pancreas	6,920,539	4,206,435	11,126,974
Diseases of the teeth and supporting structures	1,830,903	2,152,602	3,983,505
Diverticular disease of intestine	184,912	29,636	214,549
Dyspepsia and other diseases of stomach and duodenum	2,223,389	2,097,235	4,320,624
Fibrosis and cirrhosis of liver	243,883	194,870	438,753

Inguinal hernia	1,621,536	133,691	1,755,227
Other abdominal hernia	668,550	756,037	1,424,586
Other diseases of gall bladder and biliary tract	389,721	999,529	1,389,250
Other diseases of intestine	426,540	1,010,627	1,437,168
Other diseases of liver	923,410	5,693,366	6,616,776
Other diseases of oral cavity, salivary glands and jaws	543,060	456,123	999,183
Other diseases of the digestive system	0	0	0
Other noninfective gastroenteritis and colitis	223,871	397,462	621,332
Paralytic ileus and intestinal obstruction without hernia	366,867	370,175	737,043
Peptic ulcer	662,982	310,443	973,425
Totals for above Diseases of the digestive system	22,915,091	24,227,101	47,142,192

Diseases of the skin and subcutaneous tissue			
Dermatitis, eczema and papulosquamous disorders	996,214	1,505,798	2,502,012
Infections of the skin and subcutaneous tissue	2,214,198	1,862,346	4,076,545
Other diseases of the skin and subcutaneous tissue	3,152,967	5,190,704	8,343,671
Totals for above Diseases of the skin and subcutaneous tissue	6,363,379	8,558,849	14,922,228

Diseases of the musculoskeletal system and connective tissue			
Coxarthrosis [arthrosis of hip]	41,936	37,313	79,250
Deforming dorsopathies and spondylopathies	2,906,350	641,523	3,547,874
Dorsalgia	2,397,017	1,968,928	4,365,944
Gonarthrosis [arthrosis of knee]	49,609	59,959	109,568
Gout	31,049	3,829	34,878
Internal derangement of knee	3,478,912	1,719,703	5,198,616
Intervertebral disc disorders	477,202	360,634	837,835
Osteoporosis	230,843	24,861	255,704
Other arthropathies	3,967,085	2,089,823	6,056,907
Other arthrosis	153,714	115,032	268,746
Other disorders of the musculoskeletal system and connective tissue	2,101,316	2,305,851	4,407,167
Rheumatoid arthritis	145,164	4,041,327	4,186,491
Soft tissue disorders	1,841,890	2,014,008	3,855,898
Systemic connective tissue disorders	41,212	395,693	436,905

Totals for above Diseases of the musculoskeletal system and connective tissue	17,863,299	15,778,485	33,641,784
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Diseases of the genitourinary system			
Acute renal failure	156,649	236,053	392,702
Chronic renal failure	601,999	481,539	1,083,538
Disorders of breast	515,238	2,668,951	3,184,189
Glomerular and renal tubulo-interstitial diseases	398,837	1,035,398	1,434,235
Hyperplasia of prostate	13,532	867	14,399
Inflammatory diseases of female pelvic organs	2,503	1,852,151	1,854,655
Menstrual, menopausal and other female genital conditions	3,324	3,866,739	3,870,063
Other diseases of male genital organs	1,573,127	4,333	1,577,460
Other diseases of the urinary system	840,391	4,872,237	5,712,628
Other disorders of the genitourinary system	95,388	11,474,216	11,569,604
Unspecified renal failure	85,027	57,227	142,254
Urolithiasis	1,240,751	1,332,431	2,573,181
Totals for above Diseases of the genitourinary system	5,526,765	27,882,142	33,408,907

Pregnancy, childbirth and the puerperium			
Maternal Sepsis	95	394,980	395,074
Medical abortion	33	454,949	454,982
Obstructed labour (Dystocia)	76	5,043,484	5,043,560
Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	75	3,253,624	3,253,699
Other complications of pregnancy predominantly during labour and delivery	784	12,524,241	12,525,025
Other complications of pregnancy predominantly in the antenatal period	2,150	28,543,192	28,545,342
Other complications predominantly related to the puerperium	1,270	564,973	566,244
Other delivery	0	178,173	178,173
Other obstetric conditions	2,305	10,086,452	10,088,757
Other pregnancy with abortive outcome	1,205	5,122,785	5,123,991
Single spontaneous delivery	427	6,547,784	6,548,210

Totals for above Pregnancy, childbirth and the puerperium	8,421	72,714,637	72,723,057
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Certain conditions originating in the perinatal period			
Birth asphyxia and birth trauma	12,577	23,016	35,593
Disorders related to short gestation and low birth weight	1,189	15,423	16,612
Other conditions originating in the perinatal period	5,565	215,804	221,369
Slow fetal growth and fetal malnutrition	157	4,124	4,281
Totals for above Certain conditions originating in the perinatal period	19,487	258,367	277,854

Congenital malformations, deformations and chromosomal abnormalities			
Congenital heart anomalies	432,134	455,335	887,469
Other congenital malformations, deformations and chromosomal abnormalities	501,039	754,182	1,255,221
Totals for above Congenital malformations, deformations and chromosomal abnormalities	933,173	1,209,517	2,142,690

Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified			
Abdominal and pelvic pain	1,853,486	6,252,981	8,106,467
Other symptoms, signs and abnormal clinical and laboratory findings	9,735,749	15,650,267	25,386,015
Pain in throat and chest	1,084,109	980,416	2,064,525
Unknown and unspecified causes of morbidity (incl. those without a diagnosis)	676,861	808,033	1,484,894
Totals for above Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	13,350,204	23,691,697	37,041,901

Injury, poisoning & certain other consequences of external causes (injury coding type 1)			
Burns and corrosions	1,194,451	104,323	1,298,774
Complications of surgical and medical care, not elsewhere classified	1,858,255	1,918,661	3,776,916
Fracture of femur	2,184,739	3,263,555	5,448,295
Fracture of forearm	809,123	524,819	1,333,942

Fracture of lower leg, including ankle	17,848,892	38,738,988	56,587,880
Intracranial injury	4,023,785	852,214	4,875,999
Other and unspecified effects of external causes	420,374	344,406	764,780
Other injuries	11,139,984	5,244,874	16,384,858
Other injuries to the head	3,202,801	994,888	4,197,689
Poisonings by drugs, medicaments & biological substances & toxic effects of substances chiefly ...	625,926	772,230	1,398,156
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)	43,308,329	52,758,959	96,067,288

External causes of morbidity and mortality (injury coding type 2)			
Drowning	13,343	0	13,343
Falls	13,346	3	13,349
Fires	9,188	833	10,021
Injuries of undetermined intent	43,985	36,913	80,898
Other intentional injuries	0	0	0
Other unintentional injuries	31,811	6,239	38,050
Poisonings	97,619	28,643	126,262
Road traffic accidents	163,629	22,479	186,108
Self-inflicted injuries	151,221	78,803	230,024
Violence	144,881	19,972	164,853
Totals for above External causes of morbidity and mortality (injury coding type 2)	669,023	193,885	862,909

Factors influencing health status and contact with health services			
Contraceptive management	955,535	2,304,473	3,260,007
Live born infants according to place of birth (healthy newborn babies)	0	0	0
Medical observation and evaluation for suspected diseases and conditions	2,223,016	20,038,419	22,261,435
Other factors influencing health status and contact with health services	37,268,965	60,474,202	97,743,168
Other medical care (including radiotherapy and chemotherapy sessions)	6,752,057	8,951,478	15,703,535

Totals for above Factors influencing health status and contact with health services	47,199,573	91,768,572	138,968,145
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Totals	239,826,091	423,748,630	663,574,721
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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.