

# Economic Burden of Illness in Canada

2010 - Manitoba - 0 to 14 - All Costs

	Male	Female	Total
	Cost	Cost	Cost

## Certain infectious and parasitic diseases

Clostridium difficile	10,332	3,346	13,678
Diarrhoea and gastroenteritis of presumed infectious origin	1,594,525	1,068,173	2,662,698
Human immunodeficiency virus [HIV] disease	6,435	11,144	17,579
Intestinal infectious diseases except diarrhoea (and C. difficile)	290,419	298,955	589,374
Other infectious and parasitic diseases	3,103,425	3,894,748	6,998,172
Septicaemia	873,152	339,694	1,212,847
Sexually Transmitted Diseases	100,505	52,635	153,140
Tuberculosis	44,869	16,838	61,707
<b>Totals for above Certain infectious and parasitic diseases</b>	<b>6,023,662</b>	<b>5,685,534</b>	<b>11,709,195</b>

## Neoplasms

Benign neoplasm of colon, rectum and anus	5,546	5,612	11,158
Carcinoma in situ	15,812	22,432	38,244
Hodgkin lymphoma	72,842	52,570	125,412
Leiomyoma of uterus	74	6,413	6,487
Leukaemia	907,700	773,812	1,681,512
Malignant neoplasm of bladder	1,183	838	2,021
Malignant neoplasm of brain	178,653	449,252	627,905
Malignant neoplasm of breast	61	674	735
Malignant neoplasm of colon, rectum and anus	884	1,032	1,916
Malignant neoplasm of esophagus	79	11	90
Malignant neoplasm of kidney	53,540	62,104	115,644
Malignant neoplasm of larynx	264	216	480
Malignant neoplasm of liver	79,251	2,216	81,466
Malignant neoplasm of ovary	0	17,991	17,991
Malignant neoplasm of pancreas	4,777	496	5,274
Malignant neoplasm of prostate	2,570	8	2,579
Malignant neoplasm of stomach	259	432	691
Malignant neoplasm of testis	11,597	7	11,604

Malignant neoplasm of thyroid	4,720	6,839	11,559
Malignant neoplasm of uterus - Cervix uteri	67	39	106
Malignant neoplasm of uterus - Other	80	71	151
Malignant neoplasms of lip, oral cavity and pharynx	3,872	21,189	25,060
Malignant neoplasms of skin - Melanoma	4,715	5,873	10,588
Malignant neoplasms of skin - Other	4,920	10,349	15,269
Malignant neoplasms of trachea, bronchus and lung	1,438	493	1,931
Multiple myeloma	49	445	494
Non-Hodgkin lymphoma	323,907	81,095	405,002
Other benign neoplasms and neoplasms of uncertain or unknown behaviour	1,724,851	1,749,175	3,474,026
Other malignant neoplasms	398,766	564,803	963,568
<b>Totals for above Neoplasms</b>	<b>3,802,479</b>	<b>3,836,484</b>	<b>7,638,963</b>

<b>Diseases of the blood &amp; bloodforming organs &amp; certain disorders involving the immune mechanism</b>			
Anaemias - Iron-deficiency anaemia	187,718	110,481	298,199
Anaemias - Other	638,515	171,755	810,270
Other diseases of blood & blood forming organs & certain disorders involving the immune mechanism	1,146,047	970,193	2,116,241
<b>Totals for above Diseases of the blood &amp; bloodforming organs &amp; certain disorders involving the immune mechanism</b>	<b>1,972,281</b>	<b>1,252,429</b>	<b>3,224,710</b>

<b>Endocrine, nutritional and metabolic diseases</b>			
Diabetes mellitus	2,492,416	1,430,703	3,923,119
Other endocrine, nutritional and metabolic diseases	1,738,922	1,406,295	3,145,217
<b>Totals for above Endocrine, nutritional and metabolic diseases</b>	<b>4,231,338</b>	<b>2,836,998</b>	<b>7,068,336</b>

<b>Mental and behavioural disorders</b>			
Dementia	8,746	293	9,039
Mental and behavioural disorders due to alcohol	56,310	114,952	171,262
Mental and behavioural disorders due to use of other psychoactive subst.	700,009	488,579	1,188,587
Mood [affective] disorders	848,962	1,505,233	2,354,196

Other mental and behavioural disorders	12,846,388	8,088,059	20,934,447
Schizophrenia, schizotypal and delusional disorders	2,203,791	1,057,078	3,260,869
<b>Totals for above Mental and behavioural disorders</b>	<b>16,664,205</b>	<b>11,254,194</b>	<b>27,918,399</b>

<b>Diseases of the nervous system</b>			
Alzheimer's disease	2,873	3,222	6,095
Bacterial meningitis	910,393	301,122	1,211,516
Epilepsy	915,845	809,710	1,725,556
Meningitis due to other organisms or of unspecified cause	59,822	77,757	137,579
Migraine	92,797	136,741	229,538
Multiple sclerosis	2,217	3,926	6,143
Other diseases of the nervous system	5,543,784	2,973,640	8,517,425
Parkinson disease and secondary parkinsonism	499	176	674
Transient cerebral ischaemic attacks and related syndromes	9,608	13,163	22,771
<b>Totals for above Diseases of the nervous system</b>	<b>7,537,838</b>	<b>4,319,458</b>	<b>11,857,297</b>

<b>Diseases of the eye and adnexa</b>			
Cataract	122,346	82,698	205,045
Other diseases of the eye and adnexa	4,341,126	4,045,025	8,386,150
<b>Totals for above Diseases of the eye and adnexa</b>	<b>4,463,472</b>	<b>4,127,723</b>	<b>8,591,195</b>

<b>Diseases of the ear and mastoid process</b>			
Hearing loss	286,186	247,234	533,420
Other diseases of the ear and mastoid process	1,086,783	1,006,851	2,093,633
Otitis media	4,852,895	3,723,936	8,576,831
<b>Totals for above Diseases of the ear and mastoid process</b>	<b>6,225,863</b>	<b>4,978,021</b>	<b>11,203,884</b>

<b>Diseases of the circulatory system</b>			
Acute but ill-defined stroke	48,130	54,118	102,248
Acute myocardial infarction	2,234	1,627	3,862
Angina pectoris	1,557	2,379	3,935
Atherosclerosis	839	687	1,525
Cerebral infarction	12,375	136,550	148,925
Conduction disorders and cardiac arrhythmias	400,992	450,780	851,772
Essential hypertension	59,208	28,955	88,163
Heart failure	5,871	210,655	216,526
Intracerebral haemorrhage	11,720	8,357	20,078

Other cerebrovascular diseases	71,809	21,256	93,065
Other diseases of the circulatory system	1,257,260	1,081,294	2,338,554
Other hypertensive diseases	25,804	9,146	34,950
Other ischaemic heart diseases	30,796	17,986	48,782
Pulmonary heart disease & diseases of pulmonary circulation	43,012	97,646	140,659
Subarachnoid haemorrhage	3,175	4,137	7,313
Varicose veins of lower extremities	194,486	266,234	460,720
<b>Totals for above Diseases of the circulatory system</b>	<b>2,169,268</b>	<b>2,391,808</b>	<b>4,561,077</b>

<b>Diseases of the respiratory system</b>			
Asthma	7,687,403	5,720,610	13,408,013
Bronchiectasis	1,255,145	972,957	2,228,102
Chronic diseases of tonsils and adenoids	3,272,244	3,367,169	6,639,413
Chronic obstructive pulmonary disease	79,906	25,516	105,422
Influenza	302,942	101,213	404,154
Other acute lower respiratory infections	3,610,662	2,248,004	5,858,665
Other acute upper respiratory infections	3,789,297	3,680,050	7,469,347
Other diseases of the respiratory system	2,829,789	2,151,038	4,980,827
Other diseases of upper respiratory tract	3,547,280	1,688,521	5,235,802
Pneumonia	2,698,954	2,236,594	4,935,549
<b>Totals for above Diseases of the respiratory system</b>	<b>29,073,622</b>	<b>22,191,672</b>	<b>51,265,294</b>

<b>Diseases of the digestive system</b>			
Alcoholic liver disease	884	1,534	2,418
Cholelithiasis	40,873	34,935	75,808
Crohn's disease and ulcerative colitis	361,859	299,829	661,688
Diseases of anus and rectum	218,422	118,515	336,937
Diseases of appendix	1,654,534	859,204	2,513,738
Diseases of oesophagus	554,400	431,272	985,672
Diseases of pancreas	1,474,770	1,653,194	3,127,964
Diseases of the teeth and supporting structures	9,780,966	8,808,680	18,589,646
Diverticular disease of intestine	9,360	1,527	10,888
Dyspepsia and other diseases of stomach and duodenum	791,553	1,010,519	1,802,072
Fibrosis and cirrhosis of liver	110,182	73,754	183,936

Inguinal hernia	1,166,030	316,325	1,482,354
Other abdominal hernia	433,759	372,885	806,645
Other diseases of gall bladder and biliary tract	68,326	141,155	209,481
Other diseases of intestine	763,661	1,012,081	1,775,742
Other diseases of liver	134,309	585,874	720,183
Other diseases of oral cavity, salivary glands and jaws	349,438	374,184	723,621
Other diseases of the digestive system	0	0	0
Other noninfective gastroenteritis and colitis	223,416	203,726	427,142
Paralytic ileus and intestinal obstruction without hernia	380,318	291,117	671,435
Peptic ulcer	26,648	15,049	41,697
<b>Totals for above Diseases of the digestive system</b>	<b>18,543,708</b>	<b>16,605,359</b>	<b>35,149,067</b>

<b>Diseases of the skin and subcutaneous tissue</b>			
Dermatitis, eczema and papulosquamous disorders	2,527,582	2,438,968	4,966,550
Infections of the skin and subcutaneous tissue	1,339,005	1,305,974	2,644,978
Other diseases of the skin and subcutaneous tissue	1,491,132	1,654,981	3,146,113
<b>Totals for above Diseases of the skin and subcutaneous tissue</b>	<b>5,357,719</b>	<b>5,399,922</b>	<b>10,757,641</b>

<b>Diseases of the musculoskeletal system and connective tissue</b>			
Coxarthrosis [arthrosis of hip]	35	893	928
Deforming dorsopathies and spondylopathies	168,270	496,024	664,294
Dorsalgia	53,057	87,103	140,160
Gonarthrosis [arthrosis of knee]	2,275	2,422	4,697
Gout	335	306	641
Internal derangement of knee	574,738	720,185	1,294,923
Intervertebral disc disorders	15,649	5,259	20,908
Osteoporosis	34,324	19,183	53,507
Other arthropathies	891,415	1,167,213	2,058,628
Other arthrosis	8,099	7,303	15,402
Other disorders of the musculoskeletal system and connective tissue	1,001,766	773,092	1,774,858
Rheumatoid arthritis	7,754	14,856	22,610
Soft tissue disorders	587,418	614,616	1,202,034
Systemic connective tissue disorders	136,120	150,750	286,870

<b>Totals for above Diseases of the musculoskeletal system and connective tissue</b>	<b>3,481,256</b>	<b>4,059,204</b>	<b>7,540,460</b>
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<b>Diseases of the genitourinary system</b>			
Acute renal failure	44,667	16,854	61,521
Chronic renal failure	349,399	232,628	582,028
Disorders of breast	149,003	145,236	294,239
Glomerular and renal tubulo-interstitial diseases	765,672	992,519	1,758,191
Hyperplasia of prostate	1,273	148	1,421
Inflammatory diseases of female pelvic organs	1,117	154,851	155,968
Menstrual, menopausal and other female genital conditions	977	269,326	270,304
Other diseases of male genital organs	3,521,658	932	3,522,589
Other diseases of the urinary system	894,387	1,715,616	2,610,002
Other disorders of the genitourinary system	63,479	364,778	428,256
Unspecified renal failure	2,337	2,367	4,704
Urolithiasis	141,451	123,197	264,648
<b>Totals for above Diseases of the genitourinary system</b>	<b>5,935,421</b>	<b>4,018,451</b>	<b>9,953,871</b>

<b>Pregnancy, childbirth and the puerperium</b>			
Maternal Sepsis	93	21,057	21,151
Medical abortion	8	557	565
Obstructed labour (Dystocia)	3,371	130,021	133,391
Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	438	88,947	89,385
Other complications of pregnancy predominantly during labour and delivery	11,588	566,353	577,941
Other complications of pregnancy predominantly in the antenatal period	37,605	776,862	814,468
Other complications predominantly related to the puerperium	1,336	2,994	4,330
Other delivery	8,133	7,897	16,030
Other obstetric conditions	4,713	396,169	400,882
Other pregnancy with abortive outcome	635	149,837	150,472
Single spontaneous delivery	3,937	6,150	10,087

<b>Totals for above Pregnancy, childbirth and the puerperium</b>	<b>71,857</b>	<b>2,146,844</b>	<b>2,218,701</b>
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<b>Certain conditions originating in the perinatal period</b>			
Birth asphyxia and birth trauma	7,701,548	3,924,303	11,625,850
Disorders related to short gestation and low birth weight	11,712,521	11,704,977	23,417,497
Other conditions originating in the perinatal period	4,337,892	3,043,046	7,380,938
Slow fetal growth and fetal malnutrition	155,269	137,428	292,697
<b>Totals for above Certain conditions originating in the perinatal period</b>	<b>23,907,229</b>	<b>18,809,754</b>	<b>42,716,983</b>

<b>Congenital malformations, deformations and chromosomal abnormalities</b>			
Congenital heart anomalies	2,444,425	3,113,910	5,558,335
Other congenital malformations, deformations and chromosomal abnormalities	14,425,036	6,196,866	20,621,903
<b>Totals for above Congenital malformations, deformations and chromosomal abnormalities</b>	<b>16,869,461</b>	<b>9,310,777</b>	<b>26,180,238</b>

<b>Symptoms, signs &amp; abnormal clinical &amp; laboratory findings, not elsewhere classified</b>			
Abdominal and pelvic pain	1,114,491	1,532,460	2,646,950
Other symptoms, signs and abnormal clinical and laboratory findings	8,835,100	8,711,151	17,546,251
Pain in throat and chest	168,175	159,316	327,491
Unknown and unspecified causes of morbidity (incl. those without a diagnosis)	247,578	90,924	338,502
<b>Totals for above Symptoms, signs &amp; abnormal clinical &amp; laboratory findings, not elsewhere classified</b>	<b>10,365,344</b>	<b>10,493,851</b>	<b>20,859,195</b>

<b>Injury, poisoning &amp; certain other consequences of external causes (injury coding type 1)</b>			
Burns and corrosions	966,394	255,356	1,221,751
Complications of surgical and medical care, not elsewhere classified	1,160,991	1,060,324	2,221,315
Fracture of femur	1,249,278	923,179	2,172,458
Fracture of forearm	1,487,929	727,751	2,215,681

Fracture of lower leg, including ankle	8,702,643	7,782,098	16,484,741
Intracranial injury	1,054,896	718,194	1,773,090
Other and unspecified effects of external causes	650,047	564,792	1,214,839
Other injuries	4,281,179	2,602,303	6,883,482
Other injuries to the head	1,521,564	799,870	2,321,433
Poisonings by drugs, medicaments & biological substances & toxic effects of substances chiefly ...	184,953	284,046	468,999
Sequelae of injuries, of poisoning and of other consequences of external causes	0	0	0
<b>Totals for above Injury, poisoning &amp; certain other consequences of external causes (injury coding type 1)</b>	<b>21,259,875</b>	<b>15,717,915</b>	<b>36,977,789</b>

<b>External causes of morbidity and mortality (injury coding type 2)</b>			
Drowning	0	0	0
Falls	3	7	11
Fires	0	0	0
Injuries of undetermined intent	0	0	0
Other intentional injuries	0	0	0
Other unintentional injuries	45	13	58
Poisonings	0	31	31
Road traffic accidents	0	0	0
Self-inflicted injuries	0	0	0
Violence	0	0	0
<b>Totals for above External causes of morbidity and mortality (injury coding type 2)</b>	<b>48</b>	<b>52</b>	<b>100</b>

<b>Factors influencing health status and contact with health services</b>			
Contraceptive management	648	42,985	43,632
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	2,377,172	2,581,281	4,958,453
Other factors influencing health status and contact with health services	34,102,601	24,431,547	58,534,148
Other medical care (including radiotherapy and chemotherapy sessions)	7,461,945	5,786,748	13,248,693



<b>Totals for above Factors influencing health status and contact with health services</b>	<b>49,552,100</b>	<b>38,388,644</b>	<b>87,940,744</b>
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<b>Totals</b>	<b>237,508,047</b>	<b>187,825,093</b>	<b>425,333,140</b>
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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.