

Economic Burden of Illness in Canada

2010 - Alberta - 15 to 34 - All Costs

	Male	Female	Total
	Cost	Cost	Cost

Certain infectious and parasitic diseases

Clostridium difficile	70,046	181,841	251,887
Diarrhoea and gastroenteritis of presumed infectious origin	4,426,419	4,975,831	9,402,250
Human immunodeficiency virus [HIV] disease	602,300	586,473	1,188,772
Intestinal infectious diseases except diarrhoea (and C. difficile)	908,199	525,197	1,433,396
Other infectious and parasitic diseases	8,902,873	18,607,227	27,510,100
Septicaemia	2,139,934	1,589,152	3,729,086
Sexually Transmitted Diseases	2,635,806	3,507,313	6,143,119
Tuberculosis	390,853	623,784	1,014,637
Totals for above Certain infectious and parasitic diseases	20,076,429	30,596,818	50,673,247

Neoplasms

Benign neoplasm of colon, rectum and anus	411,662	490,198	901,860
Carcinoma in situ	86,040	4,255,209	4,341,250
Hodgkin lymphoma	562,976	506,496	1,069,472
Leiomyoma of uterus	569	1,220,505	1,221,074
Leukaemia	2,077,288	2,678,053	4,755,342
Malignant neoplasm of bladder	67,832	48,825	116,656
Malignant neoplasm of brain	1,201,457	670,775	1,872,231
Malignant neoplasm of breast	3,786	950,303	954,089
Malignant neoplasm of colon, rectum and anus	478,012	344,251	822,263
Malignant neoplasm of esophagus	37,644	16,000	53,644
Malignant neoplasm of kidney	84,028	129,269	213,298
Malignant neoplasm of larynx	3,930	10,684	14,614
Malignant neoplasm of liver	45,196	71,105	116,301
Malignant neoplasm of ovary	277	438,267	438,544
Malignant neoplasm of pancreas	42,882	51,872	94,754
Malignant neoplasm of prostate	25,784	886	26,670
Malignant neoplasm of stomach	97,658	63,308	160,966
Malignant neoplasm of testis	1,074,993	427	1,075,420

Malignant neoplasm of thyroid	235,008	1,239,399	1,474,407
Malignant neoplasm of uterus - Cervix uteri	125	552,870	552,995
Malignant neoplasm of uterus - Other	395	106,928	107,323
Malignant neoplasms of lip, oral cavity and pharynx	383,000	132,163	515,163
Malignant neoplasms of skin - Melanoma	183,546	246,109	429,656
Malignant neoplasms of skin - Other	100,499	182,453	282,953
Malignant neoplasms of trachea, bronchus and lung	106,638	77,474	184,112
Multiple myeloma	34,687	14,174	48,861
Non-Hodgkin lymphoma	851,610	593,627	1,445,237
Other benign neoplasms and neoplasms of uncertain or unknown behaviour	5,436,687	15,303,601	20,740,288
Other malignant neoplasms	1,835,387	1,637,808	3,473,194
Totals for above Neoplasms	15,469,599	32,033,037	47,502,636

Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism			
Anaemias - Iron-deficiency anaemia	406,602	1,608,240	2,014,842
Anaemias - Other	1,385,626	1,810,400	3,196,027
Other diseases of blood & blood forming organs & certain disorders involving the immune mechanism	1,991,125	2,015,999	4,007,124
Totals for above Diseases of the blood & bloodforming organs & certain disorders involving the immune mechanism	3,783,354	5,434,639	9,217,993

Endocrine, nutritional and metabolic diseases			
Diabetes mellitus	8,601,026	26,753,588	35,354,615
Other endocrine, nutritional and metabolic diseases	2,943,204	6,465,199	9,408,402
Totals for above Endocrine, nutritional and metabolic diseases	11,544,230	33,218,787	44,763,017

Mental and behavioural disorders			
Dementia	34,432	22,485	56,917
Mental and behavioural disorders due to alcohol	5,833,948	3,027,261	8,861,209
Mental and behavioural disorders due to use of other psychoactive subst.	16,611,635	10,009,956	26,621,591
Mood [affective] disorders	26,478,531	51,406,604	77,885,135

Other mental and behavioural disorders	64,315,272	86,281,464	150,596,736
Schizophrenia, schizotypal and delusional disorders	52,042,994	14,859,476	66,902,470
Totals for above Mental and behavioural disorders	165,316,812	165,607,245	330,924,058

Diseases of the nervous system			
Alzheimer's disease	17,732	15,768	33,500
Bacterial meningitis	84,551	48,782	133,333
Epilepsy	3,073,076	2,505,441	5,578,517
Meningitis due to other organisms or of unspecified cause	136,075	218,380	354,455
Migraine	949,944	2,816,673	3,766,618
Multiple sclerosis	543,243	4,160,255	4,703,497
Other diseases of the nervous system	11,841,855	11,883,589	23,725,444
Parkinson disease and secondary parkinsonism	89,801	16,655	106,456
Transient cerebral ischaemic attacks and related syndromes	71,738	67,789	139,527
Totals for above Diseases of the nervous system	16,808,015	21,733,333	38,541,347

Diseases of the eye and adnexa			
Cataract	574,939	523,323	1,098,262
Other diseases of the eye and adnexa	9,139,182	10,423,202	19,562,384
Totals for above Diseases of the eye and adnexa	9,714,121	10,946,525	20,660,646

Diseases of the ear and mastoid process			
Hearing loss	690,805	1,006,632	1,697,437
Other diseases of the ear and mastoid process	3,085,209	3,972,381	7,057,590
Otitis media	2,576,604	2,094,931	4,671,535
Totals for above Diseases of the ear and mastoid process	6,352,618	7,073,944	13,426,562

Diseases of the circulatory system			
Acute but ill-defined stroke	251,244	162,108	413,352
Acute myocardial infarction	1,274,632	277,838	1,552,470
Angina pectoris	210,147	82,532	292,679
Atherosclerosis	97,651	377,794	475,445
Cerebral infarction	496,968	257,630	754,598
Conduction disorders and cardiac arrhythmias	3,845,272	3,397,477	7,242,749
Essential hypertension	995,609	1,295,343	2,290,952
Heart failure	551,590	435,470	987,060
Intracerebral haemorrhage	327,111	157,748	484,859

Other cerebrovascular diseases	172,026	254,460	426,485
Other diseases of the circulatory system	7,171,035	5,466,659	12,637,694
Other hypertensive diseases	216,468	128,403	344,871
Other ischaemic heart diseases	667,630	239,081	906,711
Pulmonary heart disease & diseases of pulmonary circulation	521,299	1,050,940	1,572,239
Subarachnoid haemorrhage	684,449	656,182	1,340,630
Varicose veins of lower extremities	4,362,131	8,626,152	12,988,283
Totals for above Diseases of the circulatory system	21,845,263	22,865,815	44,711,078

Diseases of the respiratory system

Asthma	13,423,519	14,512,831	27,936,350
Bronchiectasis	3,548,179	1,945,314	5,493,494
Chronic diseases of tonsils and adenoids	2,422,503	5,249,353	7,671,856
Chronic obstructive pulmonary disease	560,408	733,256	1,293,664
Influenza	453,869	522,983	976,852
Other acute lower respiratory infections	1,705,756	2,623,458	4,329,214
Other acute upper respiratory infections	7,489,376	12,582,192	20,071,568
Other diseases of the respiratory system	5,421,880	3,604,976	9,026,855
Other diseases of upper respiratory tract	14,942,835	15,762,783	30,705,618
Pneumonia	2,582,250	2,002,386	4,584,636
Totals for above Diseases of the respiratory system	52,550,575	59,539,533	112,090,108

Diseases of the digestive system

Alcoholic liver disease	366,960	265,665	632,625
Cholelithiasis	923,718	2,947,595	3,871,313
Crohn's disease and ulcerative colitis	8,005,476	7,977,230	15,982,705
Diseases of anus and rectum	3,989,649	3,962,978	7,952,628
Diseases of appendix	6,788,488	5,721,058	12,509,546
Diseases of oesophagus	3,287,303	2,720,005	6,007,307
Diseases of pancreas	21,684,111	11,494,529	33,178,640
Diseases of the teeth and supporting structures	7,482,456	8,358,951	15,841,407
Diverticular disease of intestine	657,249	187,148	844,397
Dyspepsia and other diseases of stomach and duodenum	7,609,720	8,257,110	15,866,830
Fibrosis and cirrhosis of liver	745,881	1,158,601	1,904,482

Inguinal hernia	7,476,390	615,264	8,091,654
Other abdominal hernia	3,148,549	3,352,697	6,501,246
Other diseases of gall bladder and biliary tract	2,078,091	3,204,784	5,282,875
Other diseases of intestine	2,032,016	4,053,262	6,085,277
Other diseases of liver	3,268,456	21,781,119	25,049,574
Other diseases of oral cavity, salivary glands and jaws	1,993,364	1,792,202	3,785,566
Other diseases of the digestive system	18,391	0	18,391
Other noninfective gastroenteritis and colitis	914,585	1,199,689	2,114,274
Paralytic ileus and intestinal obstruction without hernia	1,254,264	970,620	2,224,884
Peptic ulcer	2,149,111	559,838	2,708,948
Totals for above Diseases of the digestive system	85,874,226	90,580,343	176,454,569

Diseases of the skin and subcutaneous tissue			
Dermatitis, eczema and papulosquamous disorders	3,416,020	4,973,005	8,389,025
Infections of the skin and subcutaneous tissue	7,481,277	5,874,529	13,355,806
Other diseases of the skin and subcutaneous tissue	11,758,904	19,457,990	31,216,894
Totals for above Diseases of the skin and subcutaneous tissue	22,656,200	30,305,524	52,961,724

Diseases of the musculoskeletal system and connective tissue			
Coxarthrosis [arthrosis of hip]	165,253	163,657	328,910
Deforming dorsopathies and spondylopathies	8,700,091	2,560,221	11,260,312
Dorsalgia	8,558,560	6,633,898	15,192,458
Gonarthrosis [arthrosis of knee]	229,523	215,801	445,324
Gout	116,277	17,292	133,569
Internal derangement of knee	15,260,966	7,913,002	23,173,968
Intervertebral disc disorders	2,102,586	1,542,659	3,645,245
Osteoporosis	1,025,856	98,883	1,124,739
Other arthropathies	16,083,326	8,662,736	24,746,062
Other arthrosis	661,278	480,214	1,141,492
Other disorders of the musculoskeletal system and connective tissue	8,050,558	8,718,492	16,769,050
Rheumatoid arthritis	571,093	11,885,310	12,456,403
Soft tissue disorders	6,648,978	7,248,694	13,897,672
Systemic connective tissue disorders	465,118	2,499,932	2,965,050

Totals for above Diseases of the musculoskeletal system and connective tissue	68,639,462	58,640,791	127,280,253
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Diseases of the genitourinary system			
Acute renal failure	507,856	334,686	842,541
Chronic renal failure	2,268,870	1,618,483	3,887,353
Disorders of breast	2,267,546	10,728,028	12,995,574
Glomerular and renal tubulo-interstitial diseases	1,520,339	4,000,496	5,520,835
Hyperplasia of prostate	55,075	3,022	58,097
Inflammatory diseases of female pelvic organs	8,727	7,231,832	7,240,558
Menstrual, menopausal and other female genital conditions	11,588	15,839,881	15,851,468
Other diseases of male genital organs	5,972,757	15,107	5,987,864
Other diseases of the urinary system	3,376,972	16,903,974	20,280,947
Other disorders of the genitourinary system	339,785	41,872,750	42,212,535
Unspecified renal failure	224,246	235,954	460,199
Urolithiasis	4,003,285	5,466,329	9,469,614
Totals for above Diseases of the genitourinary system	20,557,045	104,250,542	124,807,587

Pregnancy, childbirth and the puerperium			
Maternal Sepsis	330	1,485,555	1,485,885
Medical abortion	115	1,586,005	1,586,120
Obstructed labour (Dystocia)	264	16,247,573	16,247,837
Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	263	11,488,266	11,488,529
Other complications of pregnancy predominantly during labour and delivery	2,735	68,086,153	68,088,888
Other complications of pregnancy predominantly in the antenatal period	7,496	113,991,295	113,998,791
Other complications predominantly related to the puerperium	4,429	1,656,423	1,660,852
Other delivery	0	621,132	621,132
Other obstetric conditions	8,036	38,677,578	38,685,614
Other pregnancy with abortive outcome	4,201	19,597,131	19,601,332
Single spontaneous delivery	1,487	22,826,324	22,827,811

Totals for above Pregnancy, childbirth and the puerperium	29,356	296,263,436	296,292,792
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Certain conditions originating in the perinatal period			
Birth asphyxia and birth trauma	42,419	84,639	127,058
Disorders related to short gestation and low birth weight	4,189	53,732	57,920
Other conditions originating in the perinatal period	20,287	755,585	775,871
Slow fetal growth and fetal malnutrition	546	14,245	14,791
Totals for above Certain conditions originating in the perinatal period	67,440	908,201	975,641

Congenital malformations, deformations and chromosomal abnormalities			
Congenital heart anomalies	2,149,774	1,865,893	4,015,667
Other congenital malformations, deformations and chromosomal abnormalities	2,141,693	3,658,171	5,799,865
Totals for above Congenital malformations, deformations and chromosomal abnormalities	4,291,468	5,524,064	9,815,531

Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified			
Abdominal and pelvic pain	6,545,145	23,985,480	30,530,625
Other symptoms, signs and abnormal clinical and laboratory findings	35,511,772	55,012,805	90,524,577
Pain in throat and chest	3,343,952	2,966,249	6,310,201
Unknown and unspecified causes of morbidity (incl. those without a diagnosis)	2,316,625	2,288,737	4,605,362
Totals for above Symptoms, signs & abnormal clinical & laboratory findings, not elsewhere classified	47,717,494	84,253,270	131,970,764

Injury, poisoning & certain other consequences of external causes (injury coding type 1)			
Burns and corrosions	4,085,726	470,799	4,556,525
Complications of surgical and medical care, not elsewhere classified	9,328,412	10,199,790	19,528,202
Fracture of femur	7,805,657	11,751,012	19,556,668
Fracture of forearm	3,935,567	2,357,621	6,293,188

Fracture of lower leg, including ankle	64,956,085	135,638,391	200,594,476
Intracranial injury	11,895,443	2,642,952	14,538,395
Other and unspecified effects of external causes	1,711,244	915,765	2,627,009
Other injuries	48,654,931	17,571,503	66,226,434
Other injuries to the head	11,830,051	2,812,561	14,642,612
Poisonings by drugs, medicaments & biological substances & toxic effects of substances chiefly ...	2,588,101	3,089,616	5,677,716
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)	166,791,218	187,450,009	354,241,227

External causes of morbidity and mortality (injury coding type 2)			
Drowning	109,761	0	109,761
Falls	74,515	6,410	80,926
Fires	8,981	0	8,981
Injuries of undetermined intent	880,956	290,696	1,171,652
Other intentional injuries	8,981	0	8,981
Other unintentional injuries	424,447	18,647	443,094
Poisonings	100,429	18,498	118,927
Road traffic accidents	1,405,326	200,672	1,605,998
Self-inflicted injuries	1,565,217	273,317	1,838,534
Violence	268,885	48,966	317,851
Totals for above External causes of morbidity and mortality (injury coding type 2)	4,847,498	857,207	5,704,705

Factors influencing health status and contact with health services			
Contraceptive management	3,943,783	10,397,578	14,341,361
Live born infants according to place of birth (healthy newborn babies)	0	0	0
Medical observation and evaluation for suspected diseases and conditions	6,160,509	70,746,281	76,906,790
Other factors influencing health status and contact with health services	116,009,293	175,570,991	291,580,283
Other medical care (including radiotherapy and chemotherapy sessions)	20,681,015	26,268,208	46,949,223

Totals for above Factors influencing health status and contact with health services	146,794,600	282,983,057	429,777,657
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Totals	891,727,021	1,531,066,121	2,422,793,142
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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.