

## Economic Burden of Illness in Canada

2010 - Alberta - 75+ - All Costs

	Male	Female	Total
	Cost	Cost	Cost

### Certain infectious and parasitic diseases

Clostridium difficile	2,154,706	3,261,705	5,416,411
Diarrhoea and gastroenteritis of presumed infectious origin	2,001,880	4,757,482	6,759,362
Human immunodeficiency virus [HIV] disease	59,580	57,421	117,001
Intestinal infectious diseases except diarrhoea (and C. difficile)	468,300	607,607	1,075,907
Other infectious and parasitic diseases	3,381,416	6,755,565	10,136,981
Septicaemia	10,363,805	8,504,602	18,868,407
Sexually Transmitted Diseases	36,167	51,770	87,938
Tuberculosis	232,575	291,806	524,381
<b>Totals for above Certain infectious and parasitic diseases</b>	<b>18,698,430</b>	<b>24,287,958</b>	<b>42,986,388</b>

### Neoplasms

Benign neoplasm of colon, rectum and anus	1,688,817	1,043,120	2,731,938
Carcinoma in situ	1,143,622	1,255,975	2,399,597
Hodgkin lymphoma	57,652	34,597	92,249
Leiomyoma of uterus	668	124,815	125,483
Leukaemia	1,345,979	2,395,407	3,741,386
Malignant neoplasm of bladder	4,837,953	1,578,551	6,416,504
Malignant neoplasm of brain	908,519	693,100	1,601,619
Malignant neoplasm of breast	50,594	5,067,737	5,118,331
Malignant neoplasm of colon, rectum and anus	9,590,049	7,684,956	17,275,005
Malignant neoplasm of esophagus	1,250,686	470,879	1,721,564
Malignant neoplasm of kidney	968,218	896,952	1,865,170
Malignant neoplasm of larynx	467,548	159,280	626,828
Malignant neoplasm of liver	494,662	346,678	841,340
Malignant neoplasm of ovary	1,811	905,297	907,108
Malignant neoplasm of pancreas	1,166,249	1,436,984	2,603,232
Malignant neoplasm of prostate	8,115,590	4,850	8,120,440
Malignant neoplasm of stomach	1,312,456	979,659	2,292,115
Malignant neoplasm of testis	10,127	1,122	11,249

Malignant neoplasm of thyroid	146,272	304,708	450,980
Malignant neoplasm of uterus - Cervix uteri	2,060	114,680	116,741
Malignant neoplasm of uterus - Other	729	1,497,837	1,498,566
Malignant neoplasms of lip, oral cavity and pharynx	1,145,655	1,202,712	2,348,367
Malignant neoplasms of skin - Melanoma	420,252	262,381	682,634
Malignant neoplasms of skin - Other	3,383,584	2,338,592	5,722,176
Malignant neoplasms of trachea, bronchus and lung	5,406,482	5,465,033	10,871,515
Multiple myeloma	1,092,475	1,621,761	2,714,236
Non-Hodgkin lymphoma	1,529,244	2,060,396	3,589,640
Other benign neoplasms and neoplasms of uncertain or unknown behaviour	4,128,289	5,202,530	9,330,819
Other malignant neoplasms	9,797,560	9,458,340	19,255,900
<b>Totals for above Neoplasms</b>	<b>60,463,803</b>	<b>54,608,928</b>	<b>115,072,731</b>

<b>Diseases of the blood &amp; bloodforming organs &amp; certain disorders involving the immune mechanism</b>			
Anaemias - Iron-deficiency anaemia	2,501,848	3,421,790	5,923,638
Anaemias - Other	2,896,117	3,998,067	6,894,184
Other diseases of blood & blood forming organs & certain disorders involving the immune mechanism	1,192,033	1,264,410	2,456,443
<b>Totals for above Diseases of the blood &amp; bloodforming organs &amp; certain disorders involving the immune mechanism</b>	<b>6,589,997</b>	<b>8,684,267</b>	<b>15,274,264</b>

<b>Endocrine, nutritional and metabolic diseases</b>			
Diabetes mellitus	33,145,697	43,633,818	76,779,515
Other endocrine, nutritional and metabolic diseases	3,778,821	7,642,932	11,421,752
<b>Totals for above Endocrine, nutritional and metabolic diseases</b>	<b>36,924,517</b>	<b>51,276,750</b>	<b>88,201,267</b>

<b>Mental and behavioural disorders</b>			
Dementia	25,979,193	35,933,585	61,912,778
Mental and behavioural disorders due to alcohol	1,808,972	526,583	2,335,555
Mental and behavioural disorders due to use of other psychoactive subst.	267,773	384,000	651,774
Mood [affective] disorders	6,600,306	15,278,865	21,879,171

Other mental and behavioural disorders	18,858,436	26,355,506	45,213,943
Schizophrenia, schizotypal and delusional disorders	2,565,117	8,237,819	10,802,936
<b>Totals for above Mental and behavioural disorders</b>	<b>56,079,797</b>	<b>86,716,360</b>	<b>142,796,157</b>

<b>Diseases of the nervous system</b>			
Alzheimer's disease	17,626,300	16,614,382	34,240,682
Bacterial meningitis	109,343	5,581	114,924
Epilepsy	1,023,177	975,085	1,998,262
Meningitis due to other organisms or of unspecified cause	22,423	8,877	31,299
Migraine	63,154	210,841	273,995
Multiple sclerosis	94,685	294,631	389,315
Other diseases of the nervous system	7,103,306	10,086,569	17,189,874
Parkinson disease and secondary parkinsonism	5,986,137	4,206,442	10,192,579
Transient cerebral ischaemic attacks and related syndromes	5,280,881	4,808,118	10,088,999
<b>Totals for above Diseases of the nervous system</b>	<b>37,309,404</b>	<b>37,210,525</b>	<b>74,519,930</b>

<b>Diseases of the eye and adnexa</b>			
Cataract	19,892,223	28,290,973	48,183,196
Other diseases of the eye and adnexa	15,965,311	32,751,044	48,716,355
<b>Totals for above Diseases of the eye and adnexa</b>	<b>35,857,534</b>	<b>61,042,017</b>	<b>96,899,551</b>

<b>Diseases of the ear and mastoid process</b>			
Hearing loss	639,861	574,105	1,213,966
Other diseases of the ear and mastoid process	1,385,045	2,477,484	3,862,530
Otitis media	561,694	561,250	1,122,943
<b>Totals for above Diseases of the ear and mastoid process</b>	<b>2,586,600</b>	<b>3,612,839</b>	<b>6,199,439</b>

<b>Diseases of the circulatory system</b>			
Acute but ill-defined stroke	3,575,943	4,161,493	7,737,437
Acute myocardial infarction	21,178,631	17,271,691	38,450,322
Angina pectoris	5,035,404	3,956,254	8,991,659
Atherosclerosis	1,809,670	1,992,786	3,802,455
Cerebral infarction	12,070,665	12,100,372	24,171,037
Conduction disorders and cardiac arrhythmias	22,081,940	23,854,772	45,936,713
Essential hypertension	6,291,045	14,705,581	20,996,626
Heart failure	22,112,393	28,353,466	50,465,860
Intracerebral haemorrhage	5,779,560	13,371,537	19,151,098

Other cerebrovascular diseases	3,543,137	2,973,280	6,516,417
Other diseases of the circulatory system	18,489,665	15,975,788	34,465,453
Other hypertensive diseases	3,845,295	6,581,052	10,426,347
Other ischaemic heart diseases	17,047,017	7,203,349	24,250,366
Pulmonary heart disease & diseases of pulmonary circulation	2,635,201	4,219,642	6,854,843
Subarachnoid haemorrhage	289,327	1,321,810	1,611,137
Varicose veins of lower extremities	56,552,248	66,013,472	122,565,720
<b>Totals for above Diseases of the circulatory system</b>	<b>202,337,142</b>	<b>224,056,346</b>	<b>426,393,488</b>

#### Diseases of the respiratory system

Asthma	5,710,799	8,196,340	13,907,139
Bronchiectasis	670,135	1,065,807	1,735,942
Chronic diseases of tonsils and adenoids	9,155	10,669	19,824
Chronic obstructive pulmonary disease	23,285,260	21,528,657	44,813,917
Influenza	236,472	334,552	571,024
Other acute lower respiratory infections	1,732,547	2,669,158	4,401,705
Other acute upper respiratory infections	1,479,716	1,252,117	2,731,833
Other diseases of the respiratory system	15,998,491	13,353,238	29,351,729
Other diseases of upper respiratory tract	17,437,587	10,075,212	27,512,799
Pneumonia	15,212,512	15,808,857	31,021,370
<b>Totals for above Diseases of the respiratory system</b>	<b>81,772,674</b>	<b>74,294,608</b>	<b>156,067,282</b>

#### Diseases of the digestive system

Alcoholic liver disease	521,630	262,280	783,910
Cholelithiasis	1,999,857	1,977,984	3,977,841
Crohn's disease and ulcerative colitis	601,121	909,017	1,510,138
Diseases of anus and rectum	2,755,964	3,763,800	6,519,763
Diseases of appendix	610,913	417,347	1,028,260
Diseases of oesophagus	2,256,511	2,538,289	4,794,801
Diseases of pancreas	12,021,088	13,460,529	25,481,617
Diseases of the teeth and supporting structures	436,714	515,591	952,305
Diverticular disease of intestine	2,017,873	3,844,358	5,862,231
Dyspepsia and other diseases of stomach and duodenum	1,949,686	3,902,285	5,851,971
Fibrosis and cirrhosis of liver	963,968	1,142,042	2,106,011

Inguinal hernia	3,855,947	655,223	4,511,170
Other abdominal hernia	1,858,015	3,257,663	5,115,678
Other diseases of gall bladder and biliary tract	1,609,733	2,325,337	3,935,070
Other diseases of intestine	3,892,667	6,485,051	10,377,718
Other diseases of liver	3,259,261	3,981,181	7,240,442
Other diseases of oral cavity, salivary glands and jaws	257,874	1,204,997	1,462,871
Other diseases of the digestive system	0	0	0
Other noninfective gastroenteritis and colitis	252,418	1,503,080	1,755,498
Paralytic ileus and intestinal obstruction without hernia	5,666,495	7,473,490	13,139,985
Peptic ulcer	2,739,386	4,151,010	6,890,395
<b>Totals for above Diseases of the digestive system</b>	<b>49,527,122</b>	<b>63,770,553</b>	<b>113,297,675</b>

<b>Diseases of the skin and subcutaneous tissue</b>			
Dermatitis, eczema and papulosquamous disorders	1,263,979	1,481,455	2,745,435
Infections of the skin and subcutaneous tissue	4,714,466	6,828,188	11,542,655
Other diseases of the skin and subcutaneous tissue	4,333,309	5,439,345	9,772,653
<b>Totals for above Diseases of the skin and subcutaneous tissue</b>	<b>10,311,754</b>	<b>13,748,988</b>	<b>24,060,742</b>

<b>Diseases of the musculoskeletal system and connective tissue</b>			
Coxarthrosis [arthrosis of hip]	3,300,436	5,834,335	9,134,771
Deforming dorsopathies and spondylopathies	4,564,424	5,099,485	9,663,908
Dorsalgia	2,918,536	4,674,991	7,593,526
Gonarthrosis [arthrosis of knee]	4,755,518	6,848,495	11,604,013
Gout	613,601	349,749	963,350
Internal derangement of knee	330,618	222,129	552,746
Intervertebral disc disorders	1,134,065	2,710,660	3,844,725
Osteoporosis	1,716,430	12,409,626	14,126,056
Other arthropathies	11,073,353	24,826,873	35,900,226
Other arthrosis	4,480,004	8,630,672	13,110,676
Other disorders of the musculoskeletal system and connective tissue	3,488,331	9,619,987	13,108,318
Rheumatoid arthritis	5,797,831	3,444,198	9,242,030
Soft tissue disorders	3,892,091	4,662,919	8,555,010
Systemic connective tissue disorders	691,721	1,390,679	2,082,400

<b>Totals for above Diseases of the musculoskeletal system and connective tissue</b>	<b>48,756,958</b>	<b>90,724,797</b>	<b>139,481,756</b>
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<b>Diseases of the genitourinary system</b>			
Acute renal failure	5,803,143	4,583,961	10,387,104
Chronic renal failure	8,057,504	5,898,522	13,956,026
Disorders of breast	49,668	490,190	539,858
Glomerular and renal tubulo-interstitial diseases	1,600,173	1,970,373	3,570,546
Hyperplasia of prostate	14,599,713	7,334	14,607,047
Inflammatory diseases of female pelvic organs	3,990	324,957	328,947
Menstrual, menopausal and other female genital conditions	10,193	904,824	915,017
Other diseases of male genital organs	2,998,306	9,523	3,007,829
Other diseases of the urinary system	14,308,700	23,548,626	37,857,326
Other disorders of the genitourinary system	270,353	5,831,766	6,102,119
Unspecified renal failure	960,495	1,106,927	2,067,422
Urolithiasis	2,975,829	1,815,641	4,791,470
<b>Totals for above Diseases of the genitourinary system</b>	<b>51,638,066</b>	<b>46,492,645</b>	<b>98,130,711</b>

<b>Pregnancy, childbirth and the puerperium</b>			
Maternal Sepsis	176	372	548
Medical abortion	285	139	425
Obstructed labour (Dystocia)	344	127	472
Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	378	1,461	1,839
Other complications of pregnancy predominantly during labour and delivery	5,160	4,453	9,613
Other complications of pregnancy predominantly in the antenatal period	5,549	13,180	18,729
Other complications predominantly related to the puerperium	6,350	7,872	14,223
Other delivery	0	0	0
Other obstetric conditions	7,771	7,896	15,667
Other pregnancy with abortive outcome	7,471	7,912	15,383
Single spontaneous delivery	1,351	5,648	6,999

<b>Totals for above Pregnancy, childbirth and the puerperium</b>	<b>34,836</b>	<b>49,061</b>	<b>83,897</b>
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<b>Certain conditions originating in the perinatal period</b>			
Birth asphyxia and birth trauma	180,806	125,565	306,371
Disorders related to short gestation and low birth weight	3,583	3,595	7,178
Other conditions originating in the perinatal period	14,162	15,811	29,973
Slow fetal growth and fetal malnutrition	126	218	343
<b>Totals for above Certain conditions originating in the perinatal period</b>	<b>198,677</b>	<b>145,188</b>	<b>343,865</b>

<b>Congenital malformations, deformations and chromosomal abnormalities</b>			
Congenital heart anomalies	290,166	318,148	608,314
Other congenital malformations, deformations and chromosomal abnormalities	275,072	370,094	645,167
<b>Totals for above Congenital malformations, deformations and chromosomal abnormalities</b>	<b>565,238</b>	<b>688,242</b>	<b>1,253,480</b>

<b>Symptoms, signs &amp; abnormal clinical &amp; laboratory findings, not elsewhere classified</b>			
Abdominal and pelvic pain	2,635,041	4,816,579	7,451,620
Other symptoms, signs and abnormal clinical and laboratory findings	56,013,714	72,320,492	128,334,205
Pain in throat and chest	3,324,522	4,335,797	7,660,319
Unknown and unspecified causes of morbidity (incl. those without a diagnosis)	9,982,451	10,698,491	20,680,942
<b>Totals for above Symptoms, signs &amp; abnormal clinical &amp; laboratory findings, not elsewhere classified</b>	<b>71,955,728</b>	<b>92,171,359</b>	<b>164,127,087</b>

<b>Injury, poisoning &amp; certain other consequences of external causes (injury coding type 1)</b>			
Burns and corrosions	557,317	328,431	885,748
Complications of surgical and medical care, not elsewhere classified	13,991,634	11,058,552	25,050,186
Fracture of femur	22,354,326	42,686,138	65,040,464
Fracture of forearm	483,850	3,325,783	3,809,633

Fracture of lower leg, including ankle	75,218,577	101,150,285	176,368,862
Intracranial injury	3,388,310	3,070,165	6,458,475
Other and unspecified effects of external causes	411,334	309,032	720,366
Other injuries	10,162,631	20,592,390	30,755,021
Other injuries to the head	1,086,916	2,161,319	3,248,234
Poisonings by drugs, medicaments & biological substances & toxic effects of substances chiefly ...	542,167	899,861	1,442,028
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>128,197,063</b>	<b>185,581,955</b>	<b>313,779,018</b>

<b>External causes of morbidity and mortality (injury coding type 2)</b>			
Drowning	0	0	0
Falls	744	2,099	2,844
Fires	0	0	0
Injuries of undetermined intent	0	0	0
Other intentional injuries	0	0	0
Other unintentional injuries	283	259	542
Poisonings	0	0	0
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>1,027</b>	<b>2,358</b>	<b>3,385</b>

<b>Factors influencing health status and contact with health services</b>			
Contraceptive management	1,510	1,034	2,544
Live born infants according to place of birth (healthy newborn babies)	0	0	0
Medical observation and evaluation for suspected diseases and conditions	4,697,013	6,640,073	11,337,085
Other factors influencing health status and contact with health services	135,296,011	182,826,247	318,122,258
Other medical care (including radiotherapy and chemotherapy sessions)	27,019,445	24,580,916	51,600,361



<b>Totals for above Factors influencing health status and contact with health services</b>	<b>167,013,979</b>	<b>214,048,269</b>	<b>381,062,248</b>
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<b>Totals</b>	<b>1,066,820,347</b>	<b>1,333,214,014</b>	<b>2,400,034,361</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.