

# Economic Burden of Illness in Canada

## 2010 - Newfoundland and Labrador - All Ages - All Costs

	Male	Female	Total
	Cost	Cost	Cost

### Certain infectious and parasitic diseases

Clostridium difficile	281,260	452,023	733,283
Diarrhoea and gastroenteritis of presumed infectious origin	3,057,344	2,933,929	5,991,273
Human immunodeficiency virus [HIV] disease	302,168	154,329	456,496
Intestinal infectious diseases except diarrhoea (and C. difficile)	337,775	397,889	735,664
Other infectious and parasitic diseases	5,277,879	6,372,976	11,650,855
Septicaemia	3,915,899	4,041,618	7,957,517
Sexually Transmitted Diseases	269,851	319,789	589,640
Tuberculosis	234,681	187,467	422,149
<b>Totals for above Certain infectious and parasitic diseases</b>	<b>13,676,856</b>	<b>14,860,021</b>	<b>28,536,877</b>

### Neoplasms

Benign neoplasm of colon, rectum and anus	3,464,794	2,425,710	5,890,504
Carcinoma in situ	625,221	1,915,431	2,540,651
Hodgkin lymphoma	113,457	266,711	380,168
Leiomyoma of uterus	552	1,904,027	1,904,580
Leukaemia	1,726,434	797,819	2,524,252
Malignant neoplasm of bladder	2,216,424	585,048	2,801,472
Malignant neoplasm of brain	1,144,254	826,077	1,970,331
Malignant neoplasm of breast	30,190	5,606,821	5,637,012
Malignant neoplasm of colon, rectum and anus	7,411,884	4,871,452	12,283,336
Malignant neoplasm of esophagus	409,609	132,085	541,694
Malignant neoplasm of kidney	1,165,618	866,767	2,032,385
Malignant neoplasm of larynx	588,096	164,581	752,677
Malignant neoplasm of liver	205,201	111,653	316,855
Malignant neoplasm of ovary	720	710,048	710,768
Malignant neoplasm of pancreas	961,781	518,614	1,480,396
Malignant neoplasm of prostate	3,658,118	2,709	3,660,827
Malignant neoplasm of stomach	1,829,924	641,115	2,471,038
Malignant neoplasm of testis	180,891	432	181,323

Malignant neoplasm of thyroid	293,521	701,284	994,805
Malignant neoplasm of uterus - Cervix uteri	578	657,668	658,246
Malignant neoplasm of uterus - Other	346	1,503,102	1,503,448
Malignant neoplasms of lip, oral cavity and pharynx	1,772,592	499,757	2,272,349
Malignant neoplasms of skin - Melanoma	374,265	219,433	593,697
Malignant neoplasms of skin - Other	1,358,050	894,793	2,252,844
Malignant neoplasms of trachea, bronchus and lung	3,823,467	3,071,388	6,894,854
Multiple myeloma	966,262	806,703	1,772,965
Non-Hodgkin lymphoma	1,406,492	2,219,126	3,625,618
Other benign neoplasms and neoplasms of uncertain or unknown behaviour	5,313,714	8,919,749	14,233,463
Other malignant neoplasms	6,836,547	6,212,411	13,048,958
<b>Totals for above Neoplasms</b>	<b>47,879,004</b>	<b>48,052,511</b>	<b>95,931,515</b>

<b>Diseases of the blood &amp; bloodforming organs &amp; certain disorders involving the immune mechanism</b>			
Anaemias - Iron-deficiency anaemia	1,078,432	1,958,786	3,037,218
Anaemias - Other	1,761,071	2,534,630	4,295,702
Other diseases of blood & blood forming organs & certain disorders involving the immune mechanism	3,428,232	1,743,796	5,172,028
<b>Totals for above Diseases of the blood &amp; bloodforming organs &amp; certain disorders involving the immune mechanism</b>	<b>6,267,735</b>	<b>6,237,213</b>	<b>12,504,948</b>

<b>Endocrine, nutritional and metabolic diseases</b>			
Diabetes mellitus	53,254,127	52,966,705	106,220,832
Other endocrine, nutritional and metabolic diseases	3,780,432	4,862,294	8,642,726
<b>Totals for above Endocrine, nutritional and metabolic diseases</b>	<b>57,034,559</b>	<b>57,828,999</b>	<b>114,863,558</b>

<b>Mental and behavioural disorders</b>			
Dementia	7,074,907	4,461,940	11,536,846
Mental and behavioural disorders due to alcohol	2,905,913	1,220,544	4,126,457
Mental and behavioural disorders due to use of other psychoactive subst.	4,405,070	2,719,864	7,124,934
Mood [affective] disorders	20,158,417	29,328,696	49,487,114

Other mental and behavioural disorders	34,380,867	40,619,347	75,000,214
Schizophrenia, schizotypal and delusional disorders	16,853,641	10,397,618	27,251,260
<b>Totals for above Mental and behavioural disorders</b>	<b>85,778,816</b>	<b>88,748,010</b>	<b>174,526,825</b>

<b>Diseases of the nervous system</b>			
Alzheimer's disease	2,791,457	1,752,546	4,544,003
Bacterial meningitis	372,777	179,719	552,497
Epilepsy	1,898,171	1,611,395	3,509,566
Meningitis due to other organisms or of unspecified cause	80,136	59,574	139,711
Migraine	313,583	1,455,951	1,769,534
Multiple sclerosis	2,869,598	3,241,967	6,111,565
Other diseases of the nervous system	11,556,022	10,725,845	22,281,867
Parkinson disease and secondary parkinsonism	1,922,176	791,433	2,713,609
Transient cerebral ischaemic attacks and related syndromes	1,204,132	1,245,885	2,450,016
<b>Totals for above Diseases of the nervous system</b>	<b>23,008,052</b>	<b>21,064,316</b>	<b>44,072,368</b>

<b>Diseases of the eye and adnexa</b>			
Cataract	7,009,650	9,353,288	16,362,938
Other diseases of the eye and adnexa	8,981,764	12,551,537	21,533,302
<b>Totals for above Diseases of the eye and adnexa</b>	<b>15,991,414</b>	<b>21,904,825</b>	<b>37,896,240</b>

<b>Diseases of the ear and mastoid process</b>			
Hearing loss	765,879	888,675	1,654,554
Other diseases of the ear and mastoid process	2,730,595	3,562,305	6,292,900
Otitis media	3,630,647	3,159,100	6,789,746
<b>Totals for above Diseases of the ear and mastoid process</b>	<b>7,127,121</b>	<b>7,610,080</b>	<b>14,737,201</b>

<b>Diseases of the circulatory system</b>			
Acute but ill-defined stroke	3,583,995	2,491,059	6,075,054
Acute myocardial infarction	20,423,209	11,127,899	31,551,108
Angina pectoris	5,616,867	2,819,198	8,436,065
Atherosclerosis	2,864,945	1,757,280	4,622,225
Cerebral infarction	3,965,213	3,326,910	7,292,122
Conduction disorders and cardiac arrhythmias	11,846,337	9,271,757	21,118,094
Essential hypertension	4,559,070	5,755,122	10,314,192
Heart failure	8,107,266	7,510,236	15,617,503
Intracerebral haemorrhage	2,153,177	1,461,237	3,614,414

Other cerebrovascular diseases	1,095,922	916,220	2,012,142
Other diseases of the circulatory system	14,400,816	8,405,436	22,806,252
Other hypertensive diseases	1,865,427	1,050,662	2,916,089
Other ischaemic heart diseases	21,333,437	8,910,757	30,244,194
Pulmonary heart disease & diseases of pulmonary circulation	1,923,601	1,721,068	3,644,669
Subarachnoid haemorrhage	371,307	1,015,207	1,386,514
Varicose veins of lower extremities	49,059,597	47,196,962	96,256,560
<b>Totals for above Diseases of the circulatory system</b>	<b>153,170,187</b>	<b>114,737,010</b>	<b>267,907,197</b>

#### Diseases of the respiratory system

Asthma	8,569,752	9,145,539	17,715,291
Bronchiectasis	1,152,843	1,735,144	2,887,987
Chronic diseases of tonsils and adenoids	1,918,482	2,414,712	4,333,193
Chronic obstructive pulmonary disease	10,151,129	10,428,396	20,579,525
Influenza	218,985	274,006	492,992
Other acute lower respiratory infections	2,074,495	2,423,608	4,498,103
Other acute upper respiratory infections	5,055,519	5,897,014	10,952,533
Other diseases of the respiratory system	9,382,982	6,834,048	16,217,029
Other diseases of upper respiratory tract	11,702,764	12,903,962	24,606,725
Pneumonia	8,857,531	9,632,527	18,490,058
<b>Totals for above Diseases of the respiratory system</b>	<b>59,084,481</b>	<b>61,688,956</b>	<b>120,773,437</b>

#### Diseases of the digestive system

Alcoholic liver disease	1,493,157	390,928	1,884,085
Cholelithiasis	1,482,849	1,956,553	3,439,402
Crohn's disease and ulcerative colitis	2,747,781	3,270,952	6,018,734
Diseases of anus and rectum	3,620,042	3,597,444	7,217,486
Diseases of appendix	2,280,323	1,884,302	4,164,625
Diseases of oesophagus	2,703,096	2,376,259	5,079,355
Diseases of pancreas	12,858,845	17,612,571	30,471,416
Diseases of the teeth and supporting structures	5,925,028	5,518,526	11,443,554
Diverticular disease of intestine	2,102,579	2,669,527	4,772,106
Dyspepsia and other diseases of stomach and duodenum	5,161,457	6,703,002	11,864,460
Fibrosis and cirrhosis of liver	1,715,690	1,286,954	3,002,644

Inguinal hernia	4,683,099	469,624	5,152,724
Other abdominal hernia	3,062,858	2,991,653	6,054,511
Other diseases of gall bladder and biliary tract	2,226,564	1,611,467	3,838,031
Other diseases of intestine	4,465,250	4,751,812	9,217,062
Other diseases of liver	3,347,439	8,117,085	11,464,524
Other diseases of oral cavity, salivary glands and jaws	944,985	806,705	1,751,691
Other diseases of the digestive system	53,043	1,814	54,857
Other noninfective gastroenteritis and colitis	356,886	648,569	1,005,455
Paralytic ileus and intestinal obstruction without hernia	3,336,426	3,829,877	7,166,304
Peptic ulcer	2,169,154	1,595,250	3,764,405
<b>Totals for above Diseases of the digestive system</b>	<b>66,736,555</b>	<b>72,090,876</b>	<b>138,827,431</b>

<b>Diseases of the skin and subcutaneous tissue</b>			
Dermatitis, eczema and papulosquamous disorders	16,466,327	8,504,599	24,970,926
Infections of the skin and subcutaneous tissue	4,956,864	4,481,443	9,438,307
Other diseases of the skin and subcutaneous tissue	5,457,750	8,612,887	14,070,637
<b>Totals for above Diseases of the skin and subcutaneous tissue</b>	<b>26,880,941</b>	<b>21,598,929</b>	<b>48,479,870</b>

<b>Diseases of the musculoskeletal system and connective tissue</b>			
Coxarthrosis [arthrosis of hip]	1,555,707	2,185,360	3,741,066
Deforming dorsopathies and spondylopathies	7,253,260	3,943,207	11,196,467
Dorsalgia	7,855,922	6,321,194	14,177,117
Gonarthrosis [arthrosis of knee]	3,880,651	4,655,281	8,535,932
Gout	319,493	109,937	429,431
Internal derangement of knee	2,745,090	1,840,561	4,585,651
Intervertebral disc disorders	1,953,800	2,480,744	4,434,544
Osteoporosis	256,119	5,220,535	5,476,654
Other arthropathies	7,303,257	19,550,755	26,854,012
Other arthrosis	1,911,234	2,973,157	4,884,391
Other disorders of the musculoskeletal system and connective tissue	6,889,879	10,167,075	17,056,953
Rheumatoid arthritis	536,342	1,502,499	2,038,840
Soft tissue disorders	5,180,786	5,607,140	10,787,926
Systemic connective tissue disorders	400,231	1,322,061	1,722,292

<b>Totals for above Diseases of the musculoskeletal system and connective tissue</b>	<b>48,041,770</b>	<b>67,879,506</b>	<b>115,921,276</b>
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<b>Diseases of the genitourinary system</b>			
Acute renal failure	2,820,098	2,939,868	5,759,965
Chronic renal failure	3,573,407	2,322,653	5,896,060
Disorders of breast	387,078	4,120,364	4,507,442
Glomerular and renal tubulo-interstitial diseases	1,805,927	2,500,716	4,306,643
Hyperplasia of prostate	4,712,752	3,492	4,716,243
Inflammatory diseases of female pelvic organs	3,962	3,012,781	3,016,743
Menstrual, menopausal and other female genital conditions	8,255	10,214,997	10,223,252
Other diseases of male genital organs	5,080,957	7,526	5,088,483
Other diseases of the urinary system	6,747,318	14,333,607	21,080,925
Other disorders of the genitourinary system	238,942	14,740,527	14,979,469
Unspecified renal failure	488,194	601,424	1,089,618
Urolithiasis	4,504,081	3,514,505	8,018,587
<b>Totals for above Diseases of the genitourinary system</b>	<b>30,370,970</b>	<b>58,312,460</b>	<b>88,683,430</b>

<b>Pregnancy, childbirth and the puerperium</b>			
Maternal Sepsis	297	111,108	111,404
Medical abortion	83	235,999	236,082
Obstructed labour (Dystocia)	1,616	1,620,916	1,622,532
Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	451	2,769,457	2,769,907
Other complications of pregnancy predominantly during labour and delivery	7,243	6,612,937	6,620,180
Other complications of pregnancy predominantly in the antenatal period	19,555	18,151,945	18,171,500
Other complications predominantly related to the puerperium	4,101	661,887	665,988
Other delivery	3,435	163,343	166,779
Other obstetric conditions	7,817	4,360,922	4,368,739
Other pregnancy with abortive outcome	3,876	2,573,116	2,576,993
Single spontaneous delivery	3,140	3,758,393	3,761,533

<b>Totals for above Pregnancy, childbirth and the puerperium</b>	<b>51,614</b>	<b>41,020,023</b>	<b>41,071,637</b>
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<b>Certain conditions originating in the perinatal period</b>			
Birth asphyxia and birth trauma	865,395	702,393	1,567,788
Disorders related to short gestation and low birth weight	5,537,560	4,486,318	10,023,878
Other conditions originating in the perinatal period	1,309,055	1,251,347	2,560,402
Slow fetal growth and fetal malnutrition	39,611	75,535	115,145
<b>Totals for above Certain conditions originating in the perinatal period</b>	<b>7,751,620</b>	<b>6,515,592</b>	<b>14,267,212</b>

<b>Congenital malformations, deformations and chromosomal abnormalities</b>			
Congenital heart anomalies	1,583,832	1,287,875	2,871,707
Other congenital malformations, deformations and chromosomal abnormalities	3,221,912	2,925,121	6,147,033
<b>Totals for above Congenital malformations, deformations and chromosomal abnormalities</b>	<b>4,805,744</b>	<b>4,212,996</b>	<b>9,018,739</b>

<b>Symptoms, signs &amp; abnormal clinical &amp; laboratory findings, not elsewhere classified</b>			
Abdominal and pelvic pain	6,856,662	9,622,854	16,479,515
Other symptoms, signs and abnormal clinical and laboratory findings	41,988,859	49,711,708	91,700,567
Pain in throat and chest	5,854,365	5,238,684	11,093,048
Unknown and unspecified causes of morbidity (incl. those without a diagnosis)	5,661,738	8,477,879	14,139,618
<b>Totals for above Symptoms, signs &amp; abnormal clinical &amp; laboratory findings, not elsewhere classified</b>	<b>60,361,624</b>	<b>73,051,124</b>	<b>133,412,748</b>

<b>Injury, poisoning &amp; certain other consequences of external causes (injury coding type 1)</b>			
Burns and corrosions	1,722,041	223,934	1,945,975
Complications of surgical and medical care, not elsewhere classified	9,690,187	8,457,648	18,147,835
Fracture of femur	8,444,240	16,251,512	24,695,752
Fracture of forearm	1,452,028	1,549,227	3,001,255

Fracture of lower leg, including ankle	54,176,965	80,253,265	134,430,230
Intracranial injury	4,457,627	1,442,222	5,899,849
Other and unspecified effects of external causes	1,165,475	618,377	1,783,852
Other injuries	12,983,490	9,007,551	21,991,040
Other injuries to the head	3,015,849	1,502,169	4,518,017
Poisonings by drugs, medicaments & biological substances & toxic effects of substances chiefly ...	1,313,386	1,401,031	2,714,417
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>98,421,287</b>	<b>120,706,936</b>	<b>219,128,223</b>

<b>External causes of morbidity and mortality (injury coding type 2)</b>			
Drowning	107,369	0	107,369
Falls	27,105	10,872	37,977
Fires	60,381	12,974	73,355
Injuries of undetermined intent	45,793	31,819	77,612
Other intentional injuries	0	0	0
Other unintentional injuries	236,682	12,248	248,931
Poisonings	51,859	12,638	64,497
Road traffic accidents	221,830	34,531	256,361
Self-inflicted injuries	518,256	57,306	575,562
Violence	34,748	7,869	42,617
<b>Totals for above External causes of morbidity and mortality (injury coding type 2)</b>	<b>1,304,024</b>	<b>180,257</b>	<b>1,484,281</b>

<b>Factors influencing health status and contact with health services</b>			
Contraceptive management	1,789,967	2,029,454	3,819,421
Live born infants according to place of birth (healthy newborn babies)	2,232,649	2,174,259	4,406,908
Medical observation and evaluation for suspected diseases and conditions	13,129,519	19,742,586	32,872,105
Other factors influencing health status and contact with health services	98,992,496	99,341,356	198,333,852
Other medical care (including radiotherapy and chemotherapy sessions)	41,101,616	52,244,966	93,346,582



<b>Totals for above Factors influencing health status and contact with health services</b>	<b>157,246,248</b>	<b>175,532,620</b>	<b>332,778,868</b>
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<b>Totals</b>	<b>970,990,623</b>	<b>1,083,833,257</b>	<b>2,054,823,880</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.