



# List of Conditions for Avoidable Mortality and Mortality From Preventable and Treatable Causes Indicators

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For permission or information, please contact CIHI:

Canadian Institute for Health Information

495 Richmond Road, Suite 600

Ottawa, Ontario K2A 4H6

Phone: 613-241-7860

Fax: 613-241-8120

[cihi.ca](http://cihi.ca)

[copyright@cihi.ca](mailto:copyright@cihi.ca)

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Causes of death	ICD-9 codes	ICD-10 codes	Preventable (incidence reduction)	Treatable (case-fatality reduction)
<b>Infections</b>				
<b>Intestinal infectious diseases</b>	001–009	A00–A09	x	—
<b>Tuberculosis</b>	010–018 137	A16–A19 B90 J65	x (50%)	x (50%)
<b>Vaccine-preventable diseases</b>	032, 033, 036, 037 038.2 041.5, 045 052, 055, 056 481, 482.2, 487 320.0, 320.1	A35–A37, A39 A40.3, A41.3 A49.2, A80 B01, B05, B06 J09–J11, J13, J14 G00.0, G00.1	x	—
<b>Selected invasive bacterial infections</b>	034.1 482.8 041.0	A38, A48.1 A49.1	—	x
<b>Sepsis</b>	038 (except 038.2)	A40 (except A40.3) A41 (except A41.3)	—	x
<b>Malaria</b>	084	B50–B54	x	—
<b>Meningitis</b>	320.2, .3, .8, .9, 322	G00.2, .3, .8, .9, G03	—	x
<b>Cellulitis</b>	035 681, 682	A46 L03	—	x
<b>Pneumonia</b>	480, 482.0, .1, .3, .4 483, 485, 486, 514	J12, J15, J16, J18	—	x
<b>Sexually transmitted infections, except HIV/AIDS</b>	131, 054.1, .7 078.1, 090–098 099.0, .1, .2, .8, .9	A50–A60, A63, A64	x	—
<b>Viral hepatitis</b>	070	B15–B19	x	—
<b>HIV/AIDS</b>	042.0–044.9	B20–B24	x	—
<b>Neoplasms</b>				
<b>Lip, oral cavity and pharynx cancer</b>	140–149	C00–C14	x	—
<b>Esophageal cancer</b>	150	C15	x	—
<b>Stomach cancer</b>	151	C16	x	—
<b>Colorectal cancer</b>	153, 154	C18–C21	—	x
<b>Liver cancer</b>	155	C22	x	—
<b>Lung cancer</b>	162	C33, C34	x	—
<b>Melanoma skin cancer</b>	172	C43	x	—
<b>Malignant neoplasm of breast</b>	174	C50	—	x (female only)
<b>Cervical cancer</b>	180	C53	x (50%)	x (50%)

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<b>Neoplasms (continued)</b>				
Uterus cancer	179, 182	C54, C55	—	x
Testicular cancer	186	C62	—	x
Bladder cancer	188	C67	x	—
Thyroid cancer	193	C73	—	x
Hodgkin's disease	201	C81	—	x
Leukemia	204.0, 204.1	C91.0, C91.1	—	x
Benign neoplasms	210–229	D10–D36	—	x
<b>Diseases of the circulatory system</b>				
Rheumatic fever and rheumatic heart disease	390, 391–398	I00, I01, I02, I05–I09	—	x
Hypertensive diseases	401 402–405	I10 I11–I13, I15	x (50%)	x (50%)
Cerebrovascular diseases	430–432 433, 434, 436–438	I60–I62 I63–I64, I67, I69	x (50%)	x (50%)
Ischemic heart disease	410–414 423.0, .9; 429.5, .6, .8	I20–I25	x (50%)	x (50%)
Other atherosclerosis	440, 443.9	I70, I73.9	x (50%)	x (50%)
Aortic aneurysm	441	I71	x (50%)	x (50%)
Venous thromboembolism	415 451 453.9	I26 I80 I82.9	—	x*
<b>Diseases of the respiratory system</b>				
Chronic obstructive pulmonary disorders	490–492, 496	J40–J44	x	—
Asthma and bronchiectasis	493, 494	J45, J46, J47	—	x
Acute lower respiratory infections	466.0, 466.1	J20, J21, J22	—	x
Upper respiratory infections	034.0, 460–465 470–478	J00–J06 J30–J39	—	x
Lung diseases due to external agents	117.3, 495 500–508 511.0, 518.3	C45, J60–J64, J66–J70, J82, J92	x	—
Adult respiratory distress syndrome	518.5	J80	—	x
Pulmonary edema	518.4	J81	—	x
Abscess of lung and mediastinum; pyothorax	510, 513	J85, J86	—	x
Other pleural disorders	511.9, 512	J90, J93, J94	—	x

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<b>Diseases of the digestive system</b>				
Peptic ulcer disease	531–534	K25–K28	—	x
Diseases of appendix; hernia; disorders of gallbladder, biliary tract and pancreas	540–543 550–553 574–576 577	K35–K38 K40–K46 K80–K83 K85.0, .1, .3, .8, .9 K86.1, .2, .3, .8, .9	—	x
Chronic liver disease (excluding alcohol-related disease)	571.4, .5, .9	K73, K74.0, .1, .2, .6	x	—
<b>Diseases of the genitourinary system</b>				
Nephritis and nephrosis	580–583	N00–N07	—	x
Renal failure	584–586	N17–N19	—	x
Obstructive uropathy, urolithiasis and prostatic hyperplasia	590.8, 591, 592 593.3, .5, .7; 594 598, 599.6, 600	N13, N20, N21, N23 N35, N40	—	x
Inflammatory diseases of genitourinary system	099.4, 614, 615 616.0, .2, .3, .4, .5	N34.1, N70–N73 N75.0, N75.1, N76.4 N76.6	—	x
Disorders resulting from impaired renal tubular function	587, 588, 589	N25, N26, N27	—	x
<b>Infant and maternal causes</b>				
Tetanus neonatorum	771.3	A33	x	—
Obstetrical tetanus	670	A34	x	—
Certain conditions originating in the perinatal period	760–779	P00–P96	—	x
Certain congenital malformations (neural tube defects)	740, 741, 742.0	Q00, Q01, Q05	x	—
Congenital malformations of the circulatory system (heart defects)	745, 746, 747	Q20–Q28	—	x
Pregnancy, childbirth and the puerperium	630–676	O00–O99	—	x
<b>Unintentional injuries</b>				
Transport accidents	E800–E848	V01–V99	x	—
Falls	E880–E886, E888	W00–W19	x	—
Other external causes of accidental injury	E887, E900–E909 E911–E928	W20–W64 W75–W99 X10–X39, X50–X59	x	—

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<b>Unintentional injuries (continued)</b>				
<b>Drowning</b>	E910	W65–W74	x	—
<b>Fires and flames</b>	E890–E899	X00–X09	x	—
<b>Accidental poisonings</b>	E850–E858 E860–E869	X40–X49	x	—
<b>Injuries of undetermined intent</b>				
<b>Injuries of undetermined intent</b>	E980–E989	Y10–Y34	x	—
<b>Intentional injuries</b>				
<b>Suicide and self-inflicted injuries</b>	E950–E958	X60–X84	x	—
<b>Assault</b>	E960–E968	X85–X99 Y00–Y09	x	—
<b>Alcohol and drug use disorders</b>				
<b>Alcohol-related diseases, excluding external causes</b>	291, 303, 305.0 357.5, 425.5 535.3 571.0, .1, .2, .3	E24.4 F10, G31.2 G62.1, G72.1, I42.6, K29.2 K70, K85.2, K86.0 R78.0, Q86.0	x	—
<b>Drug use disorders</b>	292, 304 305 (except 305.0, .1)	F11–F16, F18, F19	x	—
<b>Nutritional, endocrine and metabolic disorders</b>				
<b>Nutritional deficiency anemia</b>	280, 281	D50–D53	x	—
<b>Thyroid disorders</b>	240.0, .9 241.0, .1, .9 242–246	E00–E07	—	x
<b>Diabetes mellitus</b>	250	E10–E14	x (50%)	x (50%)
<b>Adrenal disorders</b>	255 (excluding 255.1)	E24 (excluding E24.4), E25, E27	—	x
<b>Neurological disorders</b>				
<b>Epilepsy</b>	345	G40, G41	—	x
<b>Adverse effects of medical and surgical care</b>				
<b>Drugs, medicaments and biological substances causing adverse effects in therapeutic use</b>	E930–E949	Y40–Y59	—	x*
<b>Misadventures to patients during surgical and medical care</b>	E870–E876	Y60–Y66, Y69	—	x*

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<b>Adverse effects of medical and surgical care (continued)</b>				
<b>Medical devices associated with adverse incidents in diagnostic and therapeutic use</b>	No corresponding codes	Y70–Y82	—	x*
<b>Surgical and other medical procedures as the cause of abnormal reaction</b>	E878, E879	Y83, Y84	—	x*
<b>Provisional assignment of new diseases</b>				
<b>COVID-19</b>	No corresponding codes	U07.1, U07.2	x	—

**Notes**

x Included.

— Not applicable.

\* Some of these conditions (which are mainly acquired when people are hospitalized or in contact with health services) might also be considered to be preventable, in the sense that the incidence of these health care–associated infections or health problems might be reduced through greater prevention in health care facilities.

**CIHI Ottawa**

495 Richmond Road  
Suite 600  
Ottawa, Ont.  
K2A 4H6  
**613-241-7860**

**CIHI Toronto**

4110 Yonge Street  
Suite 300  
Toronto, Ont.  
M2P 2B7  
**416-481-2002**

**CIHI Victoria**

880 Douglas Street  
Suite 600  
Victoria, B.C.  
V8W 2B7  
**250-220-4100**

**CIHI Montréal**

1010 Sherbrooke Street West  
Suite 602  
Montréal, Que.  
H3A 2R7  
**514-842-2226**

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cihi.ca

21294-1022

