**Supplemental Table 1.** Disease groups and corresponding ICD codes used for mortality analyses.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Disease Group** | **ICD5** | **ICD6** | **ICD7** | **ICD8** | **ICD9** | **ICD10** |
| All Causes of Death | 001-201 | 001-999 | 001-999 | 000-999 | 001-999 | A00-R99, U01-Y89 |
| All Malignant Neoplasms | 044B, 045-055, 074A-074B | 140-205 | 140-205a | 140-209 | 140-208 | C00-C97 |
| Cancer of Bronchus Trachea Lung | 047B-047E | 162-163 | 162-163 | 162 | 162 | C33-C34 |
| Cancer of Bone | 045D, 055B | 196 | 196 | 170 | 170 | C40-C41 |
| Cancer of Kidney | 052A | 180 | 180 | 189.0-189.2 | 189.0-189.2 | C64-C65b |
| Cancer of Biliary Passages and Liver | 046F | 155 | 155 | 155-156c | 155-156d | C22, C24 |
| Cancer of Large Intestine | 046E | 153 | 153 | 153e | 153 | C18f |
| Cancer of Central Nervous System | 054A-054B | 193 | 193 | 191-192 | 191-192 | C70-C72 |
| Non-Hodgkin- Lymphoma | 201 | 200, 202, 205 | 200, 202, 205 | 200, 202 | 200, 202.0-202.1, 202.8-202.9 | C82, C83.0-C83.8, C84, C85.1-C85.9g |
| Leukemia and Aleukemia | 074A-074B | 204 | 204 | 204-207 | 204-208, 202.4h | C91-C95i |
| Multiple Myeloma | 201 | 203 | 203 | 203 | 203 | C90j |
| Nonmalignant Respiratory Disease | 033, 104-110, 111B-111C, 112-114, 115C | 241, 470-527 | 241, 470-527k | 460-519 | 460-519 | J00-J99 |
| Nephritis and Nephrosis | 130, 131A-131B, 132 | 590-594 | 590-594l | 580-584m | 580-589n | N00-N29 |
| Ischemic Heart Disease | 094A-094B | 420, 422.1 | 420, 422.1o | 410-414p | 410-414q | I20-I25r |
| Cerebrovascular Disease | 083A-083D | 330-334 | 330-334 | 430-438 | 430-438 | I60-I69 |
| Dementia and Alzheimer’s disease | 162B | 304-306 | 304-306s | 290.0, 290.1, 293.0, 293.1, 293.4t | 290.0-290.4, 331.0u | F00, F01, F03, G30v |

Abbreviations: ICD, international classification of diseaseas.

ICD codes for U.S. and Canadian national mortality rates differ for several outcomes. During harmonization of study outcomes, we matched the mortality codes for rates as much as possible. In the table we listed the codes for U.S. rates and in the footnotes below we noted how Canadian rates might differ from them.

a does not include 205, includes 292.3 and 294

b includes C64-C66

c includes 155.0, 155.1, 156

d includes C22.0-C22.7, C23-24

e includes 159.0

f includes C26.0

g includes C82-C85, C96.3

h includes 204-206, 207.0, 207.2, 207.8, 208

i includes C91-C93, C95, C94.0, C94.2-C94.7

j includes C88, C90

k includes 240, 241, 470-527, 763

l includes 590-603, 789.1

m includes 580-593

n includes 580-593

o does not include 422.1

p includes 410-413

q includes 410-414, 429.2

r includes I20-I25, I51.6

s includes 305

t includes 290.1

u includes 290.1, 331.0

v includes G30