

## Appendix 2: Canadian epidemiological literature

From: Racco, M, "Report to Minister Peters on the Treatment of Firefighter Cancer Claims by the Workplace Safety and Insurance Board

<http://www.labour.gov.on.ca/english/hs/pubs/firefighters/review.php>

### **Guidotti, T.L. "Mortality of Urban Firefighters in Alberta, 1927-1987". 1993**

<b>Jurisdiction, Commissioned by (if applicable)</b>	Alberta
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	Epidemiological study of mortality (by cause of death) for 2 cohorts of firefighters, active from 1927-1987, in Edmonton and Calgary
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	Yes
<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	Yes
<b>Respiratory Disorder:</b>	Yes
<b>Other Disorder:</b>	Yes

### **Guidotti, T.L. and Clough, V.M. "Occupational Health Concerns of Firefighting". 1992**

<b>Jurisdiction, Commissioned by (if applicable):</b>	Alberta
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	Yes
<b>Purpose and/or Scope:</b>	A summary describing the general hazards (thermal, chemical, psychological), health effects, and ergonomic issues related to firefighting
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	No

<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	No
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	No
<b>Other Cancer:</b>	No
<b>Circulatory Disorder:</b>	Yes
<b>Respiratory Disorder:</b>	Yes
<b>Other Disorder:</b>	No

**L'Abbe, K.A. and Tomlinson, G.A. "Fire Fighters in Metropolitan Toronto: Summary of the Mortality Study". 1992**

<b>Jurisdiction, Commissioned by (if applicable):</b>	Ontario, Industrial Disease Standards Panel
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	Summary of an epidemiological study of mortality (by cause of death) among Metropolitan Toronto firefighters (Followed from Jan.1, 1950 to Dec. 31, 1989)
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	Yes
<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	Yes
<b>Respiratory Disorder:</b>	Yes
<b>Other Disorder:</b>	Yes

**L'Abbe, K.A. and Tomlinson, G.A. "Scientific Report: Mortality Study of Fire Fighters in Metropolitan Toronto". 1992**

<b>Jurisdiction, Commissioned by (if applicable):</b>	Ontario, Industrial Disease Standards Panel
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<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	Epidemiological study of mortality (by cause of death) among Metropolitan Toronto firefighters (Followed from Jan.1, 1950 to Dec. 31, 1989)
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	Yes
<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	Yes
<b>Respiratory Disorder:</b>	Yes
<b>Other Disorder:</b>	Yes

**Industrial Disease Standards Panel. "Report to the Workers' Compensation Board on Cardiovascular Disease and Cancer Among Firefighters". 1994**

<b>Jurisdiction, Commissioned by (if applicable):</b>	Ontario, Industrial Disease Standards Panel
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	A report of the IDSP investigation into the probable connection between cardiovascular diseases and cancer and firefighting with recommendations concerning compensation benefits
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	No
<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes

<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	Yes
<b>Respiratory Disorder:</b>	No
<b>Other Disorder:</b>	No

**Guidotti, T.L. and Goldsmith, D.F. "Report to the Workers' Compensation Board of Manitoba on the Association Between Selected Cancers and the Occupation of Firefighter". 2002**

<b>Jurisdiction, Commissioned by (if applicable):</b>	Manitoba, Workers' Compensation Board
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	A discussion paper on the adjudication of claims involving certain types of cancer and firefighting. To support proposals for the amendment of The Workers Compensation Act to establish presumption of occupational disease among firefighters.
<b>Lung Cancer:</b>	No
<b>Stomach Cancer:</b>	No
<b>Colorectal Cancer:</b>	No
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	No
<b>Circulatory Disorder:</b>	No
<b>Respiratory Disorder:</b>	No
<b>Other Disorder:</b>	No

**Guidotti, T.L. "Evaluating Causation for Occupational Cancer Among Firefighters: Report to the Workers' Compensation Board of Manitoba". 2005**

<b>Jurisdiction, Commissioned by (if applicable):</b>	Manitoba, Workers' Compensation Board
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	A discussion paper of the basis for presumption of cancer among firefighters. Includes discussion of the general methodological issues, causal criteria, and evidentiary base for firefighter claims. Plus a critique of the Cancer Care Ontario Report.
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	No
<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	No
<b>Respiratory Disorder:</b>	No
<b>Other Disorder:</b>	No

**Guidotti, T.L. "Report to the British Columbia Professional Fire Fighters' Association: Evaluating the Association Between Selected Cancers and Occupation as a Firefighter". 2003**

<b>Jurisdiction, Commissioned by (if applicable):</b>	British Columbia, Professional Fire Fighters' Association
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	A discussion paper of the basis for presumption of cancer among firefighters. Includes discussion of the rationale of

	adjudication, evidentiary base for firefighter claims, and the overall evaluation in light of recent evidence.
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	No
<b>Colorectal Cancer:</b>	No
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	No
<b>Respiratory Disorder:</b>	No
<b>Other Disorder:</b>	No

**Guidotti, T.L. "Cancer Among Firefighters in 2004: Interpreting the Evidence. A Report to the British Columbia Professional Fire Fighters' Association". 2004**

<b>Jurisdiction, Commissioned by (if applicable):</b>	British Columbia, Professional Fire Fighters' Association
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	An update and elaboration of the previous 2003 analysis with a critique of the Cancer Care Ontario Report, a discussion of the rationale for adjudication and a review of the epidemiological data for various cancers.
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	No
<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	No
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	No

<b>Respiratory Disorder:</b>	No
<b>Other Disorder:</b>	No

**Chaudhry, R., Marrett, L., Kreiger, N. and Sullivan, T. (Division of Preventive Oncology, Cancer Care Ontario), "The Occupation of Firefighting and Cancer Risk: Assessment of the Literature. Report to the Workers' Compensation Board of British Columbia.". 2004**

<b>Jurisdiction, Commissioned by (if applicable):</b>	British Columbia, Workers' Compensation Board of British Columbia
<b>Full-time Firefighter Group:</b>	Yes
<b>Part-Time Firefighter Group:</b>	No
<b>Purpose and/or Scope:</b>	A systematic review and meta-analysis of studies of the risk of cancer and the occupation of firefighting.
<b>Lung Cancer:</b>	Yes
<b>Stomach Cancer:</b>	No
<b>Colorectal Cancer:</b>	Yes
<b>Bladder Cancer:</b>	Yes
<b>Kidney Cancer:</b>	Yes
<b>Leukemia Cancer:</b>	Yes
<b>Brain Cancer:</b>	Yes
<b>Other Cancer:</b>	Yes
<b>Circulatory Disorder:</b>	No
<b>Respiratory Disorder:</b>	No
<b>Other Disorder:</b>	No

## Appendix 3: State Presumptive Disability Laws, United States and Canada

From: [www.iaff.org/hs/phi/docs/PresumptiveDisabilityChart.pdf](http://www.iaff.org/hs/phi/docs/PresumptiveDisabilityChart.pdf)

### State Presumptive Disability Laws

The following states have presumptive disability laws which recognize that fire fighters are at increased risk for certain illnesses. The laws create a presumption that the specified diseases are job related. Because the laws vary greatly from state to state, readers should use the links to review the specific state laws to determine the law's application.

Code Part: WC = Workman's Comp, RS = Retirement / Pension System,  
GP = General Provisions / other section

State	Heart Disease	Lung Disease	Cancer	Infectious Diseases	Code Part
Alabama	✓	✓	✓	✓	GP
Alaska	✓	✓	✓		WC
Arizona			✓	✓	WC
Arkansas					
California	✓		✓	✓	WC & RS
Colorado			✓	✓	WC
Connecticut	✓		✓	✓	WC
District of Columbia					
Delaware					
Florida	✓			✓	GP
Georgia	✓	✓			RS
Hawaii	✓	✓			RS
Idaho	✓	✓		✓	WC
Illinois	✓	✓	✓	✓	RS
Indiana	✓	✓	✓		GP
Iowa	✓	✓	✓	✓	RS
Kansas	✓	✓	✓		RS
Kentucky					
Louisiana	✓	✓	✓	✓	GP
Maine	✓	✓	✓	✓	WC
Maryland	✓	✓	✓		WC
Massachusetts	✓	✓	✓		RS
Michigan	✓	✓			WC
Minnesota	✓		✓	✓	WC
Mississippi					
Missouri	✓	✓	✓		RS
Montana					
Nebraska	✓	✓	✓	✓	GP
Nevada	✓	✓	✓	✓	GP
New Hampshire	✓	✓	✓		WC
New Jersey					
New Mexico	✓		✓	✓	WC



State	Heart Disease	Lung Disease	Cancer	Infectious Diseases	*Code Part
New York			✓	✓	RS
North Carolina					
North Dakota	✓	✓	✓	✓	GP
Ohio	✓	✓			WC
Oklahoma	✓	✓	✓	✓	RS
Oregon	✓	✓	✓		WC
Pennsylvania				✓	WC
Rhode Island		✓	✓	✓	GP
South Carolina	✓	✓			WC
South Dakota	✓	✓	✓		RS
Tennessee	✓	✓	✓		GP
Texas	✓	✓	✓	✓	GP
Utah	✓	✓		✓	WC
Vermont	✓		✓		WC
Virginia	✓	✓	✓	✓	WC
Washington	✓	✓	✓	✓	WC
West Virginia	✓	✓			WC
Wisconsin	✓	✓	✓	✓	GP
Wyoming					
<b>Totals</b>	<b>37</b>	<b>32</b>	<b>32</b>	<b>25</b>	<b>WC = 20 RS = 10 GP = 12</b>

### Canadian Provinces

Province	Heart Disease	Lung Disease	Cancer	Infectious Diseases	*Code Part
Alberta	✓		✓		WC
British Columbia			✓		WC
Manitoba	✓		✓		WC
New Brunswick	✓		✓		WC
Newfoundland					
Northwest Territory	✓		✓		WC
Nova Scotia			✓		WC
Ontario	✓		✓		GP
Prince Edward Island					
Quebec					
Saskatchewan	✓		✓		WC
Yukon	✓		✓		WC
<b>Totals</b>	<b>7</b>		<b>9</b>		<b>WC = 8 GP = 1</b>