

**Year to date, numbers as of December 31, 2007**

Occupational disease fatalities are usually gradual in onset and result from exposure to work-related conditions that cause disease resulting in the workers' death. The fatalities listed represent disease claims that have been accepted by the Workers' Compensation Board as recorded by the month accepted.

Occupational disease fatalities consist mostly of recognized occupational disease, meaning disease known to be primarily or exclusively work-related e.g. asbestosis, black lung disease. Occupational diseases are frequently diagnosed many years after the initial or crucial exposure to the toxic substance, and it can often be very difficult to determine when the fatal exposure occurred. *The occupational disease category should not be interpreted to reflect present work site hazardous conditions or exposures.* Occupational disease also includes heart attacks suffered on the job. The most frequent occupational disease fatalities accepted by the Workers' Compensation Board in recent years concern exposure to asbestos fibres.

**Industry Descriptions**

| <b>Industry Sector</b>                               | <b>Description</b>   |
|--|--|
| Agriculture and Forestry                             | Includes greenhouses and market gardens, feed lots, timber management, logging and related woodlands operations including the trucking of logs.  |
| Business, Personal and Professional Services         | Includes building and grounds maintenance, financial services, restaurants, hotels and recreation facilities, security services, and professional services such as engineering.            |
| Construction and Construction Trades                 | Includes the construction of houses, apartments, industrial plants, roads, bridges and pipelines, and specialized construction trades (e.g. plumbing, painting, roofing, and bricklaying). |
| Manufacturing and Processing                         | Involves manufacturing beyond the raw product: includes saw mills, pulp mills, food and beverages, metal fabrication, petrochemicals, and oil refineries.                                  |
| Mining and Petroleum Development                     | Includes underground and open pit mining, oil sands mining and processing, operation of oil and gas wells, drilling and servicing of wells, and related services in the oil fields.        |
| Public Administration, Education and Health Services | Includes the provincial government, all forms of local government, universities, colleges, business schools, libraries, hospitals and long term care facilities.                           |
| Transportation, Communication and Utilities          | Includes public transportation (air, rail, bus), trucking, radio, television, live theatre, electricity, natural gas and garbage collection.   |
| Wholesale And Retail Trade                           | Includes food and beverage stores, department stores, home improvement centers, and sale and service of automobiles and equipment.   |

| <b>Industry Sector</b>                               | <b>2007<br/>Number of Fatalities<br/>(Year-to-date)</b> | <b>2006<br/>Number of Fatalities<br/>(Year-to-date)</b> |
|--|---|---|
| Agriculture and Forestry                             | 0   | 1   |
| Business, Personal and Professional Services         | 4   | 3   |
| Construction and Construction Trades                 | 26  | 25  |
| Federal Government                                   | 1   | 2   |
| Manufacturing and Processing                         | 14  | 9   |
| Mining and Petroleum Development                     | 4   | 4   |
| Public Administration, Education and Health Services | 10  | 8   |
| Transportation, Communication and Utilities          | 1   | 7   |
| Wholesale and Retail Trade                           | 3   | 5   |
| <b>TOTAL</b>   | <b>63</b>   | <b>64</b>   |

| <b>Date of Acceptance</b>                           | <b>Description</b>  |
|---|---|
| <b>Business, Personal and Professional Services</b> |   |
| February 2007                                       | A 64-year old cook developed chronic lung disease from exposure to cooking fumes, flour and grease over a period of 30 years resulting in respiratory failure.  |
| February 2007                                       | An 81-year old utility worker was exposed to asbestos over a 30 year period and developed asbestosis related pleural disease and asbestosis resulting in respiratory failure.                                       |
| February 2007                                       | A 73-year old clerical/office worker died from hypoxia caused by a malignant pleural effusion caused by work place exposure to asbestos during 28 years of employment.  |
| November 2007                                       | A 85-year old electrician developed asbestos related pleural disease and chronic obstructive pulmonary disease resulting in respiratory failure as a result of exposure to asbestos in over 30 years of employment. |
| <b>Construction and Construction Trade Services</b> |   |
| January 2007  | An 82-year old miner developed lung cancer resulting from asbestos exposure during his years in the uranium mines.  |
| February 2007                                       | A 71-year old labourer developed asbestos related pleural plaques and chronic obstructive pulmonary disease as a result of asbestos exposure during his years of employment in the construction industry.           |
| February 2007                                       | An 83-year old worker developed asbestos related pleural disease and asbestosis resulting in respiratory failure as a result of exposure to asbestos in the 1940's.   |

| Date of Acceptance | Description   |
|--------------------|---|
| February 2007      | A 54-year old boilermaker developed squamous cell carcinoma as a result of exposure to many carcinogens and fumes inhaled during his years of employment from 1969 to 2002.                         |
| February 2007      | A 70-year old pipe fitter developed malignant mesothelioma related to asbestos exposure during the period of 1959-1980.   |
| March 2007         | An 80-year old foundry worker developed small cell carcinoma of the lung caused by exposure to asbestos from 1955 – 1969, and later as a welder/pipefitter from 1969-1981.                          |
| April 2007         | An 80-year old painter died as a consequence of pneumonia related to pulmonary fibrosis due to asbestosis as a result of his occupational exposure for over 40 years.                               |
| May 2007           | A 74-year old plumber developed asbestos related pulmonary disease as a result of his occupational exposure to asbestos from 1966-1994.   |
| May 2007           | A 72-year old labourer developed malignant mesothelioma resulting from asbestos exposure over a 40 year period in the construction industry.  |
| May 2007           | A 77-year old carpenter developed malignant pleural mesothelioma due to asbestos exposure over a period of time in the 1950's.  |
| June 2007          | A 63-year old insulator developed chronic obstructive pulmonary disease resulting from asbestosis and respiratory failure.  |
| July 2007          | A 68-year old developed pulmonary fibrosis as a result of occupational exposure to coke dust during his years of employment as a pipefitter.  |
| August 2007        | A 72-year old sandblaster/painter developed chronic lung disease and silicosis resulting in respiratory failure.  |
| August 2007        | A 76-year old pipe fitter was exposed to asbestos over a 25 year period and developed chronic obstructive pulmonary disease and asbestosis resulting in respiratory disease.                        |
| September 2007     | A 52-year old vacuum truck driver/operator developed cryptococcal meningitis as a result of his occupational exposure to pigeon and bird droppings from September to October 2006.                  |
| September 2007     | A 58-year old labourer developed malignant mesothelioma resulting from asbestos exposure from 1963-1967.  |
| September 2007     | A 78-year old painter died as a result of respiratory failure caused by chronic obstructive pulmonary disease resulting from paint fumes, sanding dust, glues and asbestos exposure from 1974-1990. |
| October 2007       | An 81-year old metal worker and plumber developed metastatic squamous cell carcinoma resulting from asbestos exposure during 30 years of employment.  |

| Date of Acceptance                             | Description  |
|--|--|
| October 2007                                   | A 76-year old electrician developed mesothelioma resulting from exposure to airborne asbestos between 1955-1989.   |
| October 2007                                   | A 79-year old gravel crusher operator was exposed to silica dust over a period of 27 years and developed silicosis causing respiratory failure.                                    |
| October 2007                                   | A 72-year old electrician developed malignant mesothelioma related to asbestos exposure while employed at various construction sites from 1953-1992.                               |
| October 2007                                   | A 73-year old worker was exposed to asbestos while working at a sheet metal plant between 1950 and 1958 and developed lung cancer.   |
| November 2007                                  | An 85-year old carpenter was exposed to airborne dust during the 1950's and 1960's causing development of malignant mesothelioma.  |
| December 2007                                  | A 56-year old worker died form metastatic adenocarcinoma caused by exposure to asbestos while working as an insulator from 1997 to 2004, and prior as a welder.                    |
| December 2007                                  | A 76-year old insulator developed malignant mesothelioma resulting from asbestos exposure during his years in the construction industry from 1947-1957.                            |
| December 2007                                  | A 76-year old pipe insulator developed malignant mesothelioma resulting from asbestos exposure during the 50's and 60's.   |
| <b>Manufacturing, Processing and Packaging</b> |  |
| May 2007                                       | A 71-year old pipe fitter developed malignant mesothelioma resulting from exposure to asbestos from 1966-1978.   |
| May 2007                                       | A 79-year old construction worker developed asbestosis as a result of exposure to asbestos during his employment in the construction industry.                                     |
| May 2007                                       | A 78-year old worker developed malignant mesothelioma resulting from asbestos exposure over a 30 year period first as a foundry worker and later in the construction industry.     |
| June 2007                                      | An 80-year old boilermaker/welder developed malignant mesothelioma as a result of his occupational exposure to asbestos in 1970 and 1987.  |
| June 2007                                      | A 79-year old heavy duty mechanic developed mesothelioma as a result of his occupational exposure to asbestos from 1955-2002.  |
| August 2007                                    | A 72-year old plant operator died as a result of respiratory failure caused by pneumonia and chronic obstructive pulmonary disease resulting from 30 years of grain dust exposure. |
| September 2007                                 | A 78-year old plumber/pipe fitter developed asbestos related pleural disease during his 30+ year career, resulting in asbestosis and respiratory failure.                          |

| Date of Acceptance  | Description  |
|---|--|
| September 2007  | A 65-year old journeyman/welder developed pleural lung disease and chronic obstructive pulmonary disease as a result of his occupational exposure to dust, asbestos and fumes over a 30 year period in the welding industry. |
| October 2007  | A 78-year old carpenter developed asbestos related pleural disease resulting from occupational exposure to asbestos.   |
| October 2007  | An 80-year old machine operator died from respiratory failure due to pneumonia and chronic obstructive pulmonary disease resulting from asbestos exposure and other toxic chemicals over a 30 year period.                   |
| October 2007  | A 75-year old steam engineer developed malignant mesothelioma as a result of occupational exposure to asbestos from 1955-1989.   |
| November 2007   | A 76-year old mechanic developed lung cancer as a result of asbestos exposure during years of employment.  |
| November 2007   | A 59-year old boiler cleaner was exposed to asbestos from 1967-1968 that resulted in malignant mesothelioma.   |
| December 2007   | A 70-year old worker developed an intrinsic asthma condition and died of congestive heart failure from years of occupational exposure to dust and fumes in the workplace.  |
| <b>Mining and Petroleum Development</b>                     |  |
| May 2007  | A 73-year old derrick driller died from malignant mesothelioma resulting from exposure to asbestos between 1952-1975.  |
| June 2007   | An 84-year old iron worker developed asbestos related pleural disease as a result of his occupational exposure to asbestos in the 1950's.  |
| November 2007   | A 77-year old gas plant operator died from cardio respiratory failure due to metastatic pleural mesothelioma as a result of his occupational exposure to asbestos in over 30 years of employment.                            |
| December 2007   | A 79-year old worker was exposed to asbestos while working at gas plants and developed peritoneal mesothelioma.  |
| <b>Public Administration, Education and Health Services</b> |  |
| February 2007   | An 86-year old crusher developed silicosis as a result of occupational exposure to gravel dust as well as diesel fumes over a period of 27 years.  |
| February 2007   | A 62-year old shop teacher died from malignant mesothelioma resulting from asbestos removal that took place where he worked in 1992 & 1994.  |
| March 2007  | A 69-year old trades' helper developed malignant mesothelioma resulting from exposure to asbestos over a 35 year period.   |

| Date of Acceptance                            | Description  |
|---|--|
| April 2007                                    | A 72-year old electrician developed malignant mesothelioma resulting from exposure to asbestos insulation from 1962 -1995.   |
| May 2007                                      | A 70-year old retired firefighter died from metastatic adenocarcinoma after a 30 year firefighting career from 1961-1991.  |
| June 2007                                     | A 73-year old retired firefighter developed lung cancer after a 32 year firefighting career from 1957-1989.  |
| August 2007                                   | A 72-year old appliance and refrigeration repairman died from metastatic lung cancer caused by exposure to asbestos over a 30 year period.   |
| August 2007                                   | An 80-year old retired firefighter developed Hodgkin's Lymphoma after a 20 year firefighting career from 1964-1988.  |
| August 2007                                   | A 65-year old retired firefighter developed multiple myeloma after a 36+ year firefighting career from 1957-2000.  |
| October 2007                                  | A 54-year old firefighter developed brain cancer after a 13 year firefighting career.  |
| <b>Transport, Communication and Utilities</b> |  |
| May 2007                                      | A 74-year old mechanic died from small cell carcinoma of the lung which was caused by asbestos exposure in the workplace over a 35 year period.  |
| <b>Wholesale and Retail Trade</b>             |  |
| May 2007                                      | A 72-year old grain operator developed chronic obstructive pulmonary disease resulting in respiratory failure caused by repeated exposure to grain dust.   |
| August 2007                                   | A 64-year old mechanic died as a consequence of acute myelogenous leukemia related to myelodysplastic syndrome, as a result of his occupational exposure to benzene and asbestos from 1962-1998. |
| October 2007                                  | An 84-year old auto body mechanic died from a respiratory arrest related to chronic lung disease caused by toluene exposure over a 25 year period.   |
| <b>Federal Government</b>                     |  |
| February 2007                                 | A 47-year old engineer was diagnosed with asbestos related lung disease resulting from asbestos exposure while working as an engineer in power plants from 1978 to 1992.                         |