

Occupational Risks: Bladder Cancer

Table 1. Surveillance of Bladder Cancer: Number of cases, workers employed, and hazard ratios in each industry (SIC)

| SIC Code * | Industry Group | Number of cases | Number of workers employed | Hazard Ratio (95% CI) † |
|---|---|-----------------|----------------------------|-------------------------|
| 1 | Agriculture | 124 | 35,005 | 0.87 (0.73-1.04) |
| 2/3 | Forestry, Fishing and Trapping | 53 | 10,698 | 0.68 (0.52-0.89) |
| 4 | Mines, Quarries and Oil Wells | 222 | 23,194 | 1.04 (0.91-1.18) |
| 5 | Manufacturing | 4,235 | 693,400 | 1.02 (0.98-1.06) |
| 6 | Construction | 1,296 | 210,913 | 1.04 (0.98-1.10) |
| 7 | Transportation, Communication and Other Utilities | 1,278 | 197,146 | 1.11 (1.05-1.18) |
| 8 | Trade | 1,731 | 429,174 | 1.02 (0.97-1.07) |
| 9 | Finance, Insurance and Real Estate | 138 | 23,975 | 0.96 (0.81-1.14) |
| 10 | Community, Business and Personal Service | 1,935 | 599,509 | 0.93 (0.89-0.98) |
| 11 | Public Administration and Defense | 1,197 | 190,818 | 1.10 (1.03-1.17) |
| * SIC: Standard Industrial Classification (1970) | | | | |
| † Hazard ratio in each group relative to all others | | | | |

Table 2. Surveillance of Bladder Cancer: Number of cases, workers employed, and hazard ratios in each occupation (CCDO) group

| CCDO Code * | Occupation Group | Number of cases | Number of workers employed | Hazard Ratio (95% CI) † |
|-------------|---|-----------------|----------------------------|-------------------------|
| 11 | Managerial, administrative and related | 140 | 30,983 | 1.05 (0.89-1.24) |
| 21 | Natural sciences, engineering and mathematics | 139 | 26,341 | 1.00 (0.85-1.18) |
| 23 | Social sciences and related fields | 46 | 30,708 | 0.73 (0.54-0.97) |
| 25 | Religion | 0 | 128 | – |
| 27 | Teaching and related | 135 | 48,477 | 0.90 (0.76-1.07) |
| 31 | Medicine and health | 300 | 135,345 | 0.89 (0.79-1.01) |
| 33 | Artistic, literary, recreational and related | 48 | 14,986 | 1.05 (0.79-1.40) |
| 41 | Clerical and related | 846 | 197,308 | 1.11 (1.04-1.19) |
| 51 | Sales | 486 | 148,076 | 1.11 (1.01-1.22) |
| 61 | Service | 1,548 | 370,804 | 1.00 (0.94-1.05) |
| 71 | Farming, horticultural and animal husbandry | 168 | 50,139 | 0.81 (0.69-0.94) |
| 73 | Fishing, hunting, trapping and related | <5 | 558 | – |
| 75 | Forestry and logging | 59 | 10,683 | 0.81 (0.63-1.05) |

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|----|--|-------|---------|------------------|
| 77 | Mining and quarrying, including oil and gas field | 126 | 13,037 | 1.09 (0.91-1.30) |
| 81 | Processing (mineral, metal, chemical) | 433 | 79,220 | 1.03 (0.94-1.14) |
| 82 | Processing (food, wood, textile) | 437 | 99,222 | 0.93 (0.84-1.02) |
| 83 | Machining and related | 1,267 | 189,346 | 1.05 (0.99-1.12) |
| 85 | Product fabricating, assembling and repairing | 2,023 | 328,219 | 1.02 (0.97-1.07) |
| 87 | Construction trades | 1,566 | 215,529 | 1.08 (1.03-1.14) |
| 91 | Transport equipment operating | 1,321 | 168,040 | 1.28 (1.2-1.35) |
| 93 | Materials handling and related, not elsewhere classified | 764 | 153,023 | 1.01 (0.94-1.09) |
| 95 | Other crafts and equipment operating | 200 | 28,295 | 1.13 (0.98-1.30) |
| 99 | Other occupations not elsewhere classified | 1,067 | 215,201 | 0.97 (0.92-1.04) |

* CCDO: Canadian Classification Dictionary of Occupations (1971)

† Hazard rate in each group relative to all others