

## Occupational Risks: Acute Myocardial Infarction (AMI)

**Table 1. Surveillance of Acute Myocardial Infarction: 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	339	24904	0.93 (0.84-1.04)
2/3	Forestry, Fishing and Trapping	190	6468	1.38 (1.20-1.60)
4	Mines, Quarries and Oil Wells	376	13707	1.15 (1.04-1.27)
5	Manufacturing	9589	473168	1.11 (1.09-1.14)
6	Construction	2781	151153	1.01 (0.97-1.05)
7	Transportation, Communication and Other Utilities	3044	143012	1.11 (1.07-1.16)
8	Trade	5045	317800	1.09 (1.05-1.12)
9	Finance, Insurance and Real Estate	256	15688	0.99 (0.88-1.12)
10	Community, Business and Personal Service	4928	421561	1.01 (0.98-1.05)
11	Public Administration and Defense	2112	132668	0.93 (0.89-0.97)
*SIC: Standard Industrial Classification (1970)				
† Hazard rate in each group relative to all others				

**Table 2. Surveillance of Acute Myocardial Infarction: 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	275	23568	0.84 (0.74-0.94)
21	Natural sciences, engineering and mathematics	329	20218	0.89 (0.79-0.99)
23	Social sciences and related fields	192	23146	0.86 (0.75-1.00)
25	Religion	<5	83	—
27	Teaching and related	237	36802	0.60 (0.53-0.68)
31	Medicine and health	837	95161	0.94 (0.87-1.01)
33	Artistic, literary, recreational and related	111	11744	0.79 (0.65-0.95)
41	Clerical and related	2073	141042	1.03 (0.98-1.08)
51	Sales	1265	110656	1.03 (0.97-1.09)
61	Service	3395	253769	1.03 (0.99-1.07)
71	Farming, horticultural and animal husbandry	489	36677	0.92 (0.84-1.00)
73	Fishing, hunting, trapping and related	10	373	1.38 (0.74-2.57)
75	Forestry and logging	181	6474	1.35 (1.17-1.56)

77	Mining and quarrying, including oil and gas field	211	7722	1.15 (1.01-1.32)
81	Processing (mineral, metal, chemical)	1263	58540	1.16 (1.09-1.22)
82	Processing (food, wood, textile)	1247	70950	1.09 (1.03-1.15)
83	Machining and related	3123	137820	1.11 (1.07-1.15)
85	Product fabricating, assembling and repairing	4930>	233837	1.09 (1.05-1.12)
87	Construction trades	3108	152813	1.02 (0.98-1.06)
91	Transport equipment operating	3116	122651	1.26 (1.21-1.30)
93	Materials handling and related, not elsewhere classified	2158	111390	1.11 (1.06-1.16)
95	Other crafts and equipment operating	416	19357	1.05 (0.95-1.15)
99	Other occupations not elsewhere classified	2954	157206	1.12 (1.08-1.17)

\* CCDO: Canadian Classification Dictionary of Occupations (1971)

† Hazard rate in each group relative to all others