

MINING ACCIDENTS IN CANADA.**Heavy Death Rates in Both Coal and Metal Mines—
Unfavorable Comparisons with Other Countries.**

That the death rates per 1,000 men employed in the coal mines of Canada and the United States are greater than in any other country in the world for which accurate statistics are available is the conclusion arrived at by the Commission of Conservation as the result of an investigation of the subject. The commission also states that fatalities in the United States and Canada are on the increase, while Great Britain, Belgium, Prussia and France show a gradual decrease.

In the view of the Commission, the danger inherent in the work can never be eliminated, but could be brought down to a minimum, as indicated by the low, constant death rate in Belgium, Great Britain and France, excepting the year 1906. Coal mine explosions, says the Commission, occur very frequently in Canada and the United States while they are more unfrequent in other countries. The causes for the loss of life are complex, and neither the operators nor the miners willingly submit to them. It is not reasonable to expect that the loss of life and property can be entirely done away with; but at the same time experience has abundantly proven that careful and im-

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COAL MINE ACCIDENTS IN CANADA, 1900-09.

	BRITISH COLUMBIA			NOVA SCOTIA			CANADA
	Number of men employed	Fatal Accidents	Fatality ratio per 1,000 men employed	Number of men employed	Fatal Accidents	Fatality ratio per 1,000 men employed	Average Fatality Ratio per 1,000 men employed
1900	4,178	17	4.06	6,626	21	3.17	3.51
1901	3,974	102	25.67	7,663	14	1.82	9.96
1902	4,011	139	34.65	8,062	21	2.60	13.25
1903	4,264	42	9.85	11,092	31	2.88	4.75
1904	4,453	37	8.31	11,659	27	2.40	3.97
1905	4,407	12	2.72	10,780	20	1.85	2.10
1906	4,805	15	3.12	12,124	29	2.39	2.59
1907	6,059	31	5.11	12,167	37	3.05	3.74
1908	6,095	18	2.95	12,933	45	3.48	3.31
1909	6,418	57	8.88	12,083	34	2.81	4.21a
Totals and Averages	48,664	470	9.65	105,123	279	2.65	4.79

a Including Alberta.

METALLIFEROUS MINE ACCIDENTS IN CANADA, 1900-09.

	BRITISH COLUMBIA			ONTARIO			CANADA
	Number of men employed	Fatal Accidents	Ratio per 1,000 men employed	Number of men employed	Fatal Accidents	Ratio per 1,000 men employed	Average ratio per 1,000 men employed
1900	3,739	13	3.47	3,980	17	4.27	3.88
1901	3,948	12	3.09	4,685	13	2.77	2.89
1902	3,345	12	3.58	4,876	10	2.05	2.67
1903	2,476	17	6.86	3,899	7	1.79	3.78
1904	3,306	14	4.24	3,875	7	1.80	2.92
1905	3,596	14	3.89	4,915	9	1.83	2.70
1906	3,718	17	4.61	5,767	11	1.90	2.95
1907	3,697	20	5.41	7,345	22	2.99	3.80
1908	3,537	21	5.93	9,185	47	5.11	5.34
1909	3,037	15	4.93	10,505	49	4.66	4.72
Totals and Averages	34,399	155	4.50	59,032	192	3.25	3.82

FATALITY RATE PER 1,000 EMPLOYED IN THE PRINCIPAL COAL PRODUCING COUNTRIES OF THE WORLD.

	United States	Belgium	Great Britain	Prussia	France	Canada
1895	2.67	1.40	1.49	2.54		2.29
1896	2.79	1.16	1.48	2.58		2.05
1897	2.34	1.03	1.34	2.35		1.83
1898	2.59	1.04	1.28	2.26		2.40
1899	2.98	0.97	1.26	2.31	1.35	3.19
1900	3.24	1.05	1.30	2.25	1.42	3.51
1901	3.21	1.16	1.36	2.31	1.33	9.96
1902	3.49	1.07	1.24	1.99	0.95	13.25
1903	3.14	1.14	1.27	1.92	0.86	4.75
1904	3.38	0.93	1.24	1.80	0.89	3.97
1905	3.53	0.91	1.35	1.85	0.84	2.10
1906	3.40	0.94	1.29	1.94	7.17	2.59
1907	4.86	1.04	1.31	2.36	1.10	3.74
1908	3.80	1.07	1.32	2.61	0.95	3.31