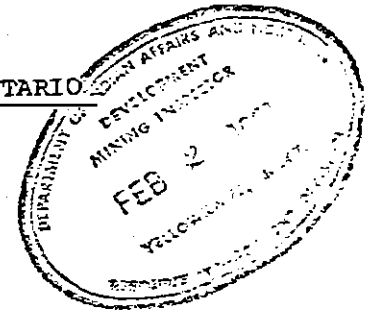


## MINES ACCIDENT PREVENTION ASSOCIATION OF ONTARIO

INJURY COSTSJANUARY - AUGUST - 1980

	Average No. Men	Compen- sation	Cost Per Man	Medical Aid	Cost Per Man	Total Cost Per Man	
						1980	1979
<u>MINING</u>							
<u>GOLD MINES</u>							
Campbell	377	145,087.	384.	25,458.	67.	451.	297.
Dickenson	242	29,384.	121.	7,862.	32.	153.	621.
Dome	680	202,252.	297.	37,506.	55.	352.	412.
Ferr Addison	359	143,683.	400.	27,481.	76.	476.	321.
Parson	1,148	384,495.	334.	83,097.	72.	406.	413.
Wilanour Resources	16	5,328.CR	333.CR	1,847.	115.	218.CR	-
Willroy-Macassa	275	95,602.	347.	10,203.	37.	384.	630.
<b>TOTAL GOLD MINES</b>	<b>3,097</b>	<b>995,175.</b>	<b>321.</b>	<b>193,454.</b>	<b>62.</b>	<b>383.</b>	<b>424.</b>
<u>IRON MINES</u>							
Adams	430	42,007.	97.	12,982.	30.	127.	121.
Algoma	753	204,554.	271.	32,921.	43.	314.	188.
Griffith	505	62,692.	124.	5,170.CR	10.CR	114.CR	161.
Sherman	488	121,066.	248.	11,503.	23.	271.	221.
<b>TOTAL IRON MINES</b>	<b>2,176</b>	<b>430,319.</b>	<b>197.</b>	<b>52,236.</b>	<b>24.</b>	<b>221.</b>	<b>175.</b>
<u>MISCELLANEOUS INDUSTRIALS</u>							
Canada Talc	22	8,276.	376.	4,439.	201.	577.	909.
Canadian Rock Salt	252	23,225.	92.	4,367.	17.	109.	719.
Dontar-Sifto Salt	239	30,788.	128.	3,769.	15.	143.	104.
Bedman	11	-	-	-	-	-	205.
IMC Chemical Group	91	-	-	5.	-	-	46.
Indusmin - Neph.Syen.	134	38,421.	286.	5,127.	38.	324.	199.
Indusmin - Silica	101	18,337.	181.	2,732.	27.	208.	33.
<b>TOTAL MISC. INDUST.</b>	<b>850</b>	<b>119,047.</b>	<b>140.</b>	<b>20,439.</b>	<b>24.</b>	<b>164.</b>	<b>297.</b>

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JANUARY - AUGUST - 1980

Page Two

	Average No. Men	Compensation	Cost Per Man	Medical Aid	Cost Per Man	Total Cost Per Man	
						1980	1979
<u>MINING - (Cont'd)</u>							
<u>MISCELLANEOUS METALS</u>							
Agnico-Eagle	111	19,711.	177.	6,790.	61.	238.	203.
Canadaka	51	1,670.	32.	359.	7.	39.	318.
Chromasco	382	143,976.	376.	20,080.	52.	428.	194.
Falconbridge Copper	97	21,139.	217.	2,123.	21.	238.	78.
Lyon Lake Mine	9	-	-	-	-	-	-
Mattabi	400	61,095.	152.	21,336.	53.	206.	148.
Noranda - Geco	685	264,197.	385.	77,255.	112.	497.	561.
Selco - South Bay	119	19,832.	166.	4,101.	34.	200.	110.
Silverfields	73	22,057.	302.	32,623.	446.	748.	955.
Texasgulf	2,365	187,951.	79.	52,549.	22.	101.	96.
Umex - Thierry	320	42,025.	131.	23,006.	71.	202.	233.
TOTAL MISC. METALS	4,612	783,653.	169.	240,222.	52.	221.	210.
<u>NICKEL MINES</u>							
Falconbridge	3,953	1,384,494.	350.	175,916.	44.	394.	404.
INCO - Pt. Colborne)							
INCO - Sudbury )	15,733	6,885,099.	437.	682,485.	43.	480.	494.
TOTAL NICKEL MINES	19,686	8,269,593.	420.	858,401.	43.	463.	480.
<u>URANIUM MINES</u>							
Agnew Lake Mines	83	57,946.	698.	7,242.	87.	785.	191.
Denison	1,950	794,160.	407.	86,888.	44.	451.	210.
Madawaska	403	50,061.	124.	6,528.	16.	140.	263.
Rio Algom - Quirke	1,500	968,081.	645.	92,619.	61.	706.	462.
Rio Algom - Panel	837	84,116.	100.	37,334.	44.	144.	81.
Rio Algom - Stanleigh	178	-	-	324.	1.	1.	-
TOTAL URANIUM MINES	4,951	1,954,364.	394.	230,935.	46.	440.	278.
TOTAL MINING	35,372	12,552,151.	354.	1,595,687.	45.	399.	384.

JANUARY - AUGUST - 1980

Page Three

	Average No. Men	Compen- sation	Cost Per Man	Medical Aid	Cost Per Man	Total Cost Per Man 1980 1979
<u>CONTRACTORS</u>						
<u>DIAMOND DRILL</u>						
Barron	18	1,190.	66.	185.	10.	76. 51.
Bradley	94	21,221.	225.	3,593.	38.	263. 483.
Dominik	20	19,478.	973.	2,314.	115.	1,088. -
Heath & Sherwood	129	33,820.	262.	10,562.	81.	343. 479.
Longyear Canada Inc.	55	9,475.	172.	1,119.	20.	192. 374.
Morissette	119	49,272.	414.	13,022.	109.	523. 586.
<b>TOTAL DIAMOND DRILL</b>	<b>435</b>	<b>134,456.</b>	<b>309.</b>	<b>30,795.</b>	<b>70.</b>	<b>378. 475.</b>
<u>MINE CONTRACTING</u>						
Aurora Quarrying	18	-	-	-	-	- -
Boart Blasthole	30	1,153.	38.	476.	15.	53. 60.
Canadian Mine Enterpr.	438.	145,800.	332.	21,567.	49.	381. 598.
Cementation	37	-	-	-	-	- 2.
Dravo	43	154,259.	3,587.	15,026.	349.	3,936. 3,585.
Graham Mining	30	-	-	532.	17.	17. -
Patrick Harrison	98	162,499.	1,658	20,467.	208.	1,866. -
A. MacIntyre	20	8,500.	425.	5,127.	256.	681. -
MacIsaac	141	143,959.	1,020.	56,399.	399.	1,419. 2,742.
Masse & Gauthier	23	13,433.	584.	2,671.	116.	700. 2,033.
Mining Corp. of Canada	200	60,585.	302.	4,181.	20.	322. 129.
Raise Contracting	240	225,346.	938.	27,006.	112.	1,050. 612.
Redpath Enterprises	153	34,357.	224.	3,355.	21.	245. 166.
Thyssen Mining Corp.	15	19,480.	1,298.	4,661.	310.	1,608. -
<b>TOTAL MINE CONTRACT.</b>	<b>1,486</b>	<b>969,371.</b>	<b>652.</b>	<b>161,468.</b>	<b>108.</b>	<b>760. 768.</b>
<b>TOTAL CONTRACTING</b>	<b>1,921</b>	<b>1,103,827.</b>	<b>574.</b>	<b>192,263.</b>	<b>100.</b>	<b>674. 707.</b>
<b>TOTAL MINING AND CONTRACTING</b>	<b>37,293</b>	<b>13,655,978.</b>	<b>366.</b>	<b>1,787,950.</b>	<b>47.</b>	<b>413. 397.</b>
<u>MISCELLANEOUS</u>						
PROSPECTORS		104,941.		15,121.		
OTHERS		2,137,922.		303,121.		
<b>TOTAL CLASS 5</b>		<b>15,898,841.</b>		<b>2,106,192.</b>		

JANUARY - SEPTEMBER 1980

	Average No. Emp	Emp. Hours '000	Lost Time Injuries To Date			Lost Time Injuries Per Million Emp. Hrs. To Date      Year		
			Sept	*1980	1979	1980	1979	1979
<u>CONTRACTORS</u>								
<u>DIAMOND-DRILL</u>								
Bradley	96	163.0	0	3	2	18	25	25
Longyear Canada Inc.	54	111.6	1	6	7	54	102	74
Heath & Sherwood	127	202.2	2	16	6	79	49	65
Barron	24	17.3	1	3	3	173	143	150
Morissette	125	227.9	1	21	15	92	80	90
Dominik	19	32.8	1	5	-	152	-	-
TOTAL DIAMOND DRILL	445	754.8	6	54	33	72	69	72
<u>MINE CONTRACTING</u>								
Aurora Quarrying	18	29.4	0	0	-	0	-	-
Boart Blasthole	30	40.2	1	4	2	75	52	40
Canadian Mine Ent.	435	657.8	2	19	14	29	27	28
Cementation	37	55.5	0	1	3	18	52	39
Dravo	43	72.2	0	7	1	97	19	25
MacIsaac	146	206.7	0	8	3	39	20	20
Masse Gauthier	23	32.3	1	5	5	154	131	100
Mining Corp. of Canada	201	297.2	2	17	13	57	81	73
Raise Contracting	240	364.0	3	30	12	82	44	58
Redpath Enterprises	153	283.9	1	11	4	39	22	30
A. MacIntyre & Assoc.	20	24.5	0	9	8	366	447	337
Graham Mining Ltd.	30	27.6	1	1	-	36	-	0
Patrick Harrison	98	171.2	0	0	-	0	-	-
Thyssen Mining Corp.	15	26.5	1	4	-	151	-	-
TOTAL MINE CONTRACTING	1489	2289.0	12	116	65	51	39	45
TOTAL CONTRACTING	1934	3043.8	18	170	98	56	46	52
TOTAL MINING AND CONTRACTORS	37247	51674.8	225	2102	1335	41	32	34
<u>MISCELLANEOUS PROSPECTORS) OTHER            )</u>								
				71	68			
TOTAL CLASS 5				2173	1403			

\*Total to date includes injuries which were not previously recorded.

+Frequency estimated from Form 7's received. As Firm report not received at time of printing.

JANUARY - SEPTEMBER 1990

	Average No. Emp	Emp. Hrs '000	Lost Time Injuries To date			Lost Time Injuries Per Million Emp. Hrs To Date YEAR		
			Sept	*1930	1979	1980	1979	1979
<u>MINING (cont'd)</u>								
<u>MISCELLANEOUS METALS</u>								
Amnico-Eagle	113	168.1	0	6	1	36	10	33
Canadaka	50	67.0	1	10	11	60	159	136
Coromasco	380	561.9	7	46	51	82	84	101
Falconbridge Copper	96	145.9	3	9	14	62	79	64
Lyon Lake Mine	10	19.9	0	0	0	0	0	0
Mattabi	399	552.2	1	21	8	38	16	20
Noranda-Geco	681	979.8	3	10	15	10	16	14
Selco-South Bay	120	159.1	1	9	3	57	18	24
Silverfields	73	102.6	1	6	4	58	38	28
Teasgulf	2376	4102.1	2	8	21	2	6	5
Therby-Thierry	320	508.2	0	10	25	20	55	45
TOTAL MISC. METALS	4618	7366.8	19	135	153	18	22	24
<u>NICKEL MINES</u>								
Falconbridge Ni.	3943	5203.1	30	263	157	51	40	40
INCO-Pt. Colborne	15656	19724.3	122	1136	458	60	43	44
INCO-SUDBURY								
TOTAL NICKEL MINES	19599	24927.4	152	1429	615	58	42	43
<u>URANIUM MINES</u>								
Arnew Lake Mines	81	179.8	1	8	79	44	112	109
Denison	1955	2843.2	4	65	64	23	25	26
Madawaska	403	596.6	0	7	8	12	14	13
Rio-Algom-Quirke	1500	2409.9	7	99	53	41	22	26
Rio-Algom-Panel	836	1194.0	4	34	28	28	34	32
Rio-Algom-Stanleigh	163	179.7	0	0	-	0	-	-
TOTAL URANIUM	4943	7403.2	16	213	232	43	33	33
TOTAL MINING	35313	48631.0	207	1932	1237	40	32	28

\*Total to date includes injuries which were not previously recorded.

+Frequency estimated from Form 7's received. As Firm report not received at time of printing.

FATALITIES

JANUARY - SEPTEMBER 1980

	Avg. No. Emp	Man Hours '000	No. Fatalities To Date		Fatalities per Million Man Hours		
			1980	1979	To Date 1980	1979	Year 1979
Mining	35313	48631.0	13	4	0.27	0.10	0.09
Contractors	1934	3043.8	3	0	0.99	0	0
Miscellaneous			0	0			

Mining

1)	Algoma Ore	Feb. 10	H. Mickusz	Fall down Ore Pass.
2)	Inco Metals Creighton Mine	Mar. 14	R. Ristimaki	Squeezed by Raise Bore Transformer while it was being transproted by scooptram.
3)	Rio Algom Quirke	Mar. 22	L. Seguin	Fall down boxhole.
4)	Falconbridge Ni.	May 2	M. Krajewski	Fall of ground while repairing chute.
5)	Inco Metals Garson	May 6	J. Tait	Caught in screen while winding screen into roll for shipping underground.
6)	Inco Metals Creighton Mine	May 20	R. Keith	Caught in blast in stope.
7)	Inco Metals Creighton	May 20	J. Munroe	Caught in blast in stope.
8)	Denison Mines	June 20	N. Debassige	Fall of ground in stope.
9)	Denison Mines	June 20	R. Beauregard	Fall of ground in stope.
10)	Denison Mines	June 20	M. Boutin	Fall of ground in stope.
11)	Inco Metals Copper Cliff Refinery	June 24	S. Mathews	Struck by staging which collapsed.
12)	Inco Metals Levack	July 17	M. Bertrand	Fell 35 feet down mill hole.
13)	Pamour	July 17	T. Labreche	Runover by train underground.

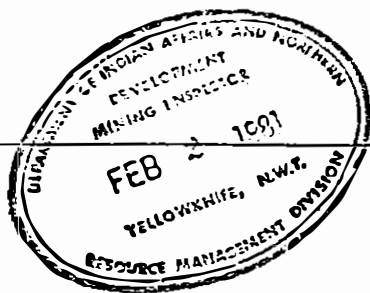
Contractors

1)	A. MacIntyre	Feb. 14	D. Gibson	Delayed to long at scene of blast.
2)	Raise Cont.	Apr. 1	R. Valliquette	Strangled around abdomen by messenger wire
3)	Dravo	June 5	R. Spencer	Struck by clam which toppled over onto worker.

## MINES ACCIDENT PREVENTION ASSOCIATION OF ONTARIO

## MONTHLY INJURY STATISTICS

JANUARY - SEPTEMBER 1980



	Average No. Emp.	Emp. Hrs. '000	Lost Time Injuries To Date			Lost Time Injuries Per Million Emp. Hrs. To Date Year		
			Sept	*1980	1979	1980	1979	1979
<u>MINING</u>								
<u>GOLD MINES</u>								
Campbell	377	509.9	2	6	6	12	12	14
Dickenson	243	333.2	2	11	10	33	28	23
Dome	679	949.0	1	19	35	20	41	34
Kerr Addison	359	508.2	5	10	9	10	13	14
Pamour	1156	1823.3	1	17	12	9	8	7
Willroy-Macassa	274	371.2	1	16	14	43	40	37
Wilanour Resources	18	24.8	1	1	-	40	-	-
TOTAL GOLD MINES	3106	4519.6	13	80	86	18	21	18
<u>IRON MINES</u>								
Adams	445	658.1	0	6	3	9	12	11
Algoma Ore	750	1067.0	1	19	40	18	35	31
Griffith	505	746.0	0	0	12	0	17	16
Sherman	486	728.5	3	11	10	15	13	12
TOTAL IRON MINES	2186	3199.6	4	36	70	11	22	20
<u>MISCELLANEOUS INDUSTRIALS</u>								
Canada Talc	23	32.9	0	1	4	30	133	181
Canadian Rock Salt	253	345.8	1	5	23	14	65	53
Domtar-Sifto Salt	245	332.3	1	5	12	15	35	28
Hedman	11	21.7	0	0	0	0	0	0
IMC Chemical Group	91	127.2	0	0	0	0	0	0
Indusmin-Neph.Syen.	134	199.1	1	4	10	20	48	40
Indusmin-Silica	104	155.4	0	4	5	26	30	34
TOTAL MISC. INDUSTRIALS	861	1214.4	3	19	54	16	30	38

\*Total to date includes injuries which were not previously recorded.

\*Frequency estimated from Form 7's received. As Firm report not received at time of printing.

2/15/81

H.P.P.