

*Council of
Canadian Fire Marshals
and Fire Commissioners*



*Conseil canadien
des directeurs provinciaux et
des commissaires des incendies*

Annual Report 1996



Fire Losses in Canada

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The 1996 "Fire Losses in Canada" Annual Report is prepared by the Occupational Safety and Health and Fire Prevention Division, Human Resources Development Canada and is published by the Council of Canadian Fire Marshals and Fire Commissioners. Copies may be purchased at a cost of \$10.00 each (taxes included) from the Council. See order form at back of report.

PREFACE

The Council of Canadian Fire Marshals and Fire Commissioners (CCFM/FC) is a national organization through which issues relating to fire prevention can be discussed constructively in an atmosphere of mutual respect, cooperation and understanding. Its primary objective is to advise on and promote legislation, policies, and procedures pertinent to fire protection; participate in the development of codes and standards relating to fire safety; promote fire safety awareness; support the professional development of the Canadian fire service; identify trends relative to the causes and the severity of fire; provide advice to Accredited Agencies involved in the certification and testing of fire protection equipment and materials relating to fire safety and provide a forum for the exchange of information on fire safety matters.

The 1996 Annual Report of Fire Losses in Canada is the seventy-fifth edition to be published. It is prepared by the Occupational Safety and Health and Fire Prevention Division of Human Resources Development Canada, pursuant to federal government fire protection policy, and it is compiled from information supplied by the Council of Canadian Fire Marshals and Fire Commissioners (CCFM & FC), Indian and Northern Affairs Canada (INAC) and Statistics Canada.

Sincerely,

W.P. Worona
Director
Occupational Safety and Health
and Fire Prevention Division
Human Resources Development Canada

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SUMMARY

In 1996, a total of 60 138 fires were reported; 374 fire deaths; 3 152 fire injuries; and a total of \$1 163 336 515 in property losses.

The "Residential" property classification continues to account for the largest number of fires. In 1996, there were 24 367 fires in this category, 41% of the Canadian total. These incidents resulted in 279 deaths or approximately 75% of the nation's fire fatalities. The monetary loss amounted to \$530 million, which is 46% of the total loss.

The property classification showing the second largest number of fires is "Special Properties," where 21 533 fires were reported, accounting for approximately 36% of the overall Canadian total. Ground transport vehicle accounted for 13 966 incidents of all fires within this property classification, amounting to a dollar loss of \$64 million. The total dollar loss for the "Special Properties" classification is \$106 million.

In the category "Source of Ignition" the following three groups (exclusive of miscellaneous and undetermined) lead the list of number of reported fires and property dollar loss: "Smoker's Material and Open Flame" with 11 218 and a dollar loss of \$185 935 376, "Cooking Equipment" with 6 478 incidents and a loss of \$70 million, and "Electrical Distribution Equipment" with 5 208 incidents and a loss of \$149 million.

Table 7 provides a review of the fire data identified under the heading of "Act or Omission." As in the past, the category of "Mechanical, Electrical Failure and Malfunction" had the greatest number of recorded fires, that being 12 222. The 1996 dollar loss for this category is \$250 million. "Arson or Other Set Fires" accounted for 11 999 incidents, an increase of 0.49% from last year. The 1996 dollar loss of \$85 million from "Arson and Other Set Fires" was a decrease of 5.70% from the 1995 figure of \$198 million.

In summary, this latest information indicates the total number of fire deaths decreased from that recorded in 1995, the total number of fires decreased 11.23% from the previous year, and the dollar loss increased 4.72%. Typically the category of "Residential Properties" remains an area of utmost concern, accounting for 75% of the total number of fire deaths, 41% of the total number of fires, and 46% of the total dollar loss. The large number of electrical incidents and the associated dollar loss, as well as the number of "Arson or Other Set Fires" and the associated dollar loss, are two other areas of major concern within the Fire Services. A continued effort by all fire protection authorities as well as the public is most imperative in order to reduce the loss of lives, number of fires and property damage.

Section I

Summary 1987 - 1996

Table 1 - Canada Fire Losses, Fire Deaths and Fire Injuries

Year	Population	Number of Fires	Per Capita \$ Loss	Fire \$ Loss	Deaths	Death Rate *	Injuries	Injuries Rate*
1987	26 056 136	67 498	965 607 142	37.06	539	2.07	3 843	14.75
1988	26 372 481	71 009	1 018 232 771	38.61	535	2.03	3 630	13.76
1989	26 646 701	67 588	1 128 079 909	42.33	519	1.95	3 763	14.12
1990	27 418 116	68 007	1 237 393 172	45.13	481	1.75	3 841	14.01
1991	27 908 282	68 150	1 239 716 205	44.42	406	1.45	3 476	12.46
1992	28 531 069	65 999	1 241 390 000	43.51	401	1.41	3 874	13.58
1993	29 074 524	65 877	1 181 892 872	40.65	417	1.43	3 463	11.91
1994	29 686 694	66 719	1 151 546 461	38.79	377	1.27	3 539	12.26
1995	30 089 520	64 251	1 110 839 184	36.92	400	1.33	3 551	11.80
1996	30 582 213	60 138	1 163 336 515	38.04	374	1.22	3 152	10.31
10-Year Average		66 524	1 143 803 423	40.55	445	1.59	3 613	12.90

* Fire Death Rate - number of deaths per 100 000 population per annum

Figure 1 - Canada Fire Losses, Actual and Adjusted Dollar Losses in Millions

Summary 1987 - 1996

Adjusted to 1986 dollars using the Consumer Price Index, All Commodities.

Figure 2 - Canada Fire Deaths and 10-Year Average

Summary 1987 - 1996

Figure 3 - Canada Fire Injuries and 10-Year Average

Summary 1987 - 1996

Section II

Fire Losses, 1996 and 10-Year Average

Table 2 - Property Losses by Jurisdiction

Jurisdiction	Population 1996	Number of Fires		\$ Loss		Per Capita \$ Loss	
		1996	10-Year Average	1996 \$	10-Year Average	1996 \$	10-Year Average
Alberta	2 789 500	6 299	7 273	119 588 516	111 844 816	44.87	43.89
British Columbia	3 855 100	7 493	7 273	164 180 197	158 110 603	42.59	46.90
Manitoba	1 143 500	5 164	5 897	69 609 158	57 658 622	60.87	51.38
New Brunswick	762 500	2 858	2 137	13 764 246	22 761 834	18.05	24.98
Newfoundland	570 700	649	700	16 021 611	21 680 466	28.07	38.45
Nova Scotia	942 800	2 076	2 371	25 412 831	42 731 832	26.95	26.57
Ontario	11 252 400	21 052	22 775	322 164 404	351 725 853	28.63	34.43
Prince Edward Island	137 300	696	774	3 412 290	5 943 456	24.85	46.36
Quebec	7 389 100	9 310	13 038	360 295 665	331 584 317	48.76	47.88
Saskatchewan	1 022 500	3 555	2 989	33 185 430	36 590 355	32.46	36.38
Northwest Territories	66 600	118	166	14 841 228	7 410 005	222.84	128.38
Yukon	31 500	301	241	4 979 630	3 155 181	158.08	104.56
National Defence	85 973	161	175	3 690 343	2 755 858	42.92	16.28
Indian Reserves	325 475	319	411	10 200 000	8 890 159	31.34	27.84
Federal Properties	207 265	87	97	1 990 966	2 904 571	9.61	8.32
Summary	30 582 213	60 138	66 317	1 163 336 515	1 165 747 928	820.89	682.60

Section III

Fire Losses by Property Classification

Table 3 - Summary of Fires by Property Classification

Classification	Number of Fires	% of Total	\$ Loss	% of Total	Injuries	% of Total	Deaths	% of Total
Residential	24 367	40.73	530 636 639	46.02	2 230	71.06	279	78.15
Assembly	2 115	3.54	79 829 193	6.92	117	3.73	3	0.84
Institutional	629	1.05	12 098 831	1.05	68	2.17	12	3.36
Business and personal service	701	1.17	23 795 863	2.06	45	1.43	1	0.28
Mercantile	1 685	2.82	125 671 306	10.90	118	3.76	0	0.00
Industrial manufacturing	1 436	2.40	108 722 606	9.43	140	4.46	2	0.56
Storage	1 845	3.08	62 286 628	5.40	96	3.06	2	0.56
Special	21 533	36.00	106 132 752	9.20	236	7.52	29	8.12
Farm	941	1.57	56 360 268	4.89	25	0.80	2	0.56
Miscellaneous*	4 886	7.63	57 802 429	4.13	77	2.01	44	7.56
Total	60 138	100.00	1 163 336 515	100.00	3 152	100.00	374	100.00

* 1996 total losses for Newfoundland, Prince Edward Island and Indian Reserves have been included under "Miscellaneous" as their losses by specific property classifications are not available.

3(a) Residential Occupancies

Jurisdiction	1996				10-Year Average 1987 - 1996			
	Number of Fires	% of Total	\$ Loss	% of Total	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	1 728	27.43	45 516 063	38.06	1 723	20.99	31 484 891	25.32
British Columbia	2 604	34.75	79 209 937	48.25	2 890	37.40	68 697 561	42.48
Manitoba	1 546	29.94	24 516 140	35.22	1 782	27.62	23 072 746	38.81
New Brunswick	1 294	45.28	10 355 604	75.24	1 311	51.15	12 193 564	64.23
Newfoundland*	N/A	N/A	N/A	N/A	211	22.45	3 969 133	19.54
Nova Scotia	1 333	64.21	19 275 824	75.85	1 456	55.76	15 113 524	55.85
Ontario	8 743	41.53	160 282 182	49.75	10 366	44.31	162 256 832	46.57
Prince Edward Island	N/A	N/A	N/A	N/A	489	55.78	2 178 284	40.42
Quebec	6 225	66.86	175 043 743	48.58	7 089	51.81	153 550 218	46.19
Saskatchewan	711	20.00	12 820 174	38.63	819	24.86	11 991 655	31.68
Northwest Territories	55	46.61	2 131 083	14.36	85	47.82	3 170 830	43.79
Yukon	83	27.57	1 148 800	23.07	89	33.27	1 150 988	53.08
National Defence	43	26.71	287 089	7.78	64	29.56	571 217	18.42
Indian Reserves*	N/A	N/A	N/A	N/A	69	19.46	1 772 551	22.63
Federal Properties	2	2.30	50 000	2.51	7	2.54	55 450	3.32
Total	24 367	40.73	530 636 639	46.02	28 450	42.76	491 229 444	42.94

Percentages used in this table relate to jurisdictional totals.

* 1996 total losses for Newfoundland, Prince Edward Island and Indian Reserves have been included under "Miscellaneous" as their losses by specific property classifications are not available.

3(b) Residential - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
One and two family residence	15 949	380 810 343	1 171	158
Apartment, tenement, flat	5 892	90 024 545	858	78
Rooming, boarding, lodging	244	3 776 980	38	5
Hotel, inn, lodge	275	10 952 781	28	3
Motor hotel, motel	87	2 505 370	10	2
Dormitory	79	1 408 272	3	1
Mobile home, trailer	1 039	24 372 655	71	28
Miscellaneous	802	16 785 693	51	4
Total	24 367	530 636 639	2 230	279

3(c) Assembly

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	173	2.75	4 654 114	3.89
British Columbia	284	3.79	16 418 702	10.0
Manitoba	89	1.72	3 573 045	5.13
New Brunswick	161	5.63	2 980	0.02
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	65	3.13	456 231	1.80
Ontario	812	3.86	15 068 811	4.84
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	455	4.89	24 621 895	6.83
Saskatchewan	45	1.27	2 177 205	6.56
Northwest Territories	5	4.24	12 050 500	81.20
Yukon	9	2.99	238 400	4.79
National Defence	13	8.07	18 590	0.50
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	4	4.60	8 720	0.44
Total	2 115	3.54	79 829 193	6.92

Percentages used in this table relate to jurisdictional totals.

3(d) Assembly - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Theatre, studio, auditorium	46	467 726	3	1
Amusement, recreation place	193	10 295 061	11	0
School, college, university	735	25 962 995	23	0
Church, funeral parlour	101	2 087 360	13	1
Club, social, sport	138	3 888 650	8	1
Museum, art gallery, library	29	419 991	0	0
Food, beverage establishment	643	32 033 686	51	0
Passenger terminal, station	65	746 090	4	0
Miscellaneous	165	3 927 634	4	0
Total	2 115	79 829 193	117	3

3(e) Institutional

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	42	0.67	130 152	0.11
British Columbia	48	0.64	1 625 763	0.99
Manitoba	37	0.72	5 342 325	7.67
New Brunswick	65	2.27	0	0.00
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	21	1.01	13 586	0.05
Ontario	235	1.12	1 101 466	0.34
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	116	1.25	3 556 157	0.99
Saskatchewan	6	0.17	123 400	0.37
Northwest Territories	1	0.85	55 000	0.37
Yukon	2	0.66	33 780	0.68
National Defence	1	0.62	125	0.00
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	55	63.22	117 077	5.88
Total	629	1.05	12 098 831	1.05

Percentages used in this table relate to jurisdictional totals.

3(f) Institutional - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Prison, jail, reformatory	149	5 327 701	26	0
Home for the aged	179	2 984 889	21	11
Child care	32	226 901	2	1
Hospital, sanatorium, clinic	192	2 343 228	12	0
Miscellaneous	77	1 216 112	7	0
Total	629	12 098 831	68	12

3(g) Business and Personal Service

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	34	0.54	1 217 747	1.02
British Columbia	90	1.20	4 644 744	2.83
Manitoba	27	0.52	1 130 775	1.62
New Brunswick	50	1.75	1 231 984	8.95
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	10	0.48	1 500	0.01
Ontario	278	1.32	6 600 673	2.05
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	177	1.90	6 887 940	1.86
Saskatchewan	12	0.34	386 950	1.17
Northwest Territories	5	4.24	47 000	0.32
Yukon	5	1.66	1 150 600	23.11
National Defence	3	1.86	1 950	0.05
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	10	11.49	694 000	34.86
Total	701	1.17	23 795 863	2.06

Percentages used in this table relate to jurisdictional totals.

3(h) Mercantile Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	127	2.02	10 112 452	8.46
British Columbia	159	2.12	13 412 808	8.17
Manitoba	85	1.65	9 052 515	13.00
New Brunswick	47	1.64	0.00	0.00
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	50	2.41	1 203 456	4.74
Ontario	637	3.03	31 455 090	9.76
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	522	5.61	53 962 598	14.98
Saskatchewan	40	1.13	4 794 397	14.45
Northwest Territories	7	5.93	159 300	1.07
Yukon	5	1.66	1 514 000	30.40
National Defence	6	3.73	4 690	0.13
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	0	0.00	0	0.00
Total	1 685	2.82	125 671 306	10.90

Percentages used in this table relate to jurisdictional totals.

3(i) Industrial Manufacturing Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	134	2.13	19 353 975	16.18
British Columbia	144	1.92	10 435 356	6.36
Manitoba	67	1.30	7 834 049	11.25
New Brunswick	47	1.64	0.00	0.00
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	15	0.72	753 576	2.97
Ontario	646	3.07	25 405 329	7.89
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	354	3.80	44 512 021	12.35
Saskatchewan	24	0.68	424 320	1.28
Northwest Territories	1	0.85	1 000	0.01
Yukon	1	0.33	300	0.01
National Defence	3	1.86	2 680	0.07
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	0	0.00	0	0.00
Total	1 436	2.40	108 722 606	9.43

Percentages used in this table relate to jurisdictional totals.

3(j) Storage Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	386	6.13	9 440 769	7.89
British Columbia	234	3.12	6 426 619	3.91
Manitoba	214	4.14	7 079 498	10.17
New Brunswick	75	2.62	288 780	2.10
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	52	2.50	979 647	3.85
Ontario	330	1.57	15 656 660	4.86
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	270	2.90	16 656 602	4.62
Saskatchewan	265	7.45	2 517 106	7.58
Northwest Territories	7	5.93	239 900	1.62
Yukon	7	2.33	70 350	1.41
National Defence	4	2.48	2 925 697	79.28
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	1	1.15	5 000	0.25
Total	1 845	3.08	62 286 628	5.40

Percentages used in this table relate to jurisdictional totals.

3(k) Special Properties (Outdoor and Vehicles)

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	3 164	50.23	23 290 653	19.48
British Columbia	3 696	49.33	23 622 951	14.39
Manitoba	2 881	55.79	6 694 183	9.62
New Brunswick	890	31.14	988 826	7.18
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	440	21.19	1 520 211	5.98
Ontario	7 323	34.79	38 203 309	11.86
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	634	6.81	4 503 587	1.25
Saskatchewan	2 231	62.76	6 043 165	18.21
Northwest Territories	24	20.34	118 045	0.80
Yukon	177	58.80	762 800	15.32
National Defence	70	43.48	373 512	10.12
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	3	3.45	11 510	0.58
Total	21 533	36.00	106 132 752	9.20

Percentages used in this table relate to jurisdictional totals.

3(l) Special Properties - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Outdoor property	5 364	2 273 876	50	3
Special connecting properties	119	878 022	1	0
Construction, demolition, vacant	311	8 581 411	17	1
Watercraft	174	3 953 436	15	1
Rail, transport vehicle and equipment	75	2 410 527	2	0
Ground transport vehicle	13 966	64 509 155	129	18
Aircraft	14	580 601	0	0
Special vehicle	1 093	21 102 921	20	6
Pier, wharf	417	1 842 803	2	0
Total	21 533	106 132 752	236	29

3(m) Farm Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	226	3.59	3 410 418	2.85
British Columbia	40	0.53	3 298 538	2.01
Manitoba	110	2.13	3 936 220	5.65
New Brunswick	10	0.35	435 840	3.17
Newfoundland	N/A	N/A	N/A	N/A
Nova Scotia	29	1.40	805 632	3.17
Ontario	347	1.65	19 914 574	6.18
Prince Edward Island	N/A	N/A	N/A	N/A
Quebec	138	1.48	22 449 912	6.23
Saskatchewan	40	1.13	1 349 134	4.07
Northwest Territories	0	0.00	0	0.00
Yukon	0	0.00	0	0.00
National Defence	0	0.00	0	0.00
Indian Reserves	N/A	N/A	N/A	N/A
Federal Properties	1	1.15	760 000	38.17
Total	941	1.57	56 360 268	4.89

Percentages used in this table relate to jurisdictional totals.

3(n) Miscellaneous Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	285	4.52	2 462 173	2.06
British Columbia	194	2.59	5 084 779	3.10
Manitoba	108	2.09	450 408	0.65
New Brunswick	219	7.66	460 232	3.34
Newfoundland*	*649	100.00	*16 021 611	100.00
Nova Scotia	61	2.94	403 168	1.59
Ontario	1 701	8.08	7 936 310	2.46
Prince Edward Island*	*696	100.0	*3 412 290	100.0
Quebec	419	4.50	8 301 210	2.30
Saskatchewan	181	5.09	2 549 579	7.68
Northwest Territories	13	11.02	39 400	0.27
Yukon	12	3.99	60 600	1.22
National Defence	18	11.18	76 010	2.06
Indian Reserves*	*319	100.00	*10 200 000	100.00
Federal Properties	11	12.64	344 659	17.31
Total	4 886	7.63	57 802 429	4.13

Percentages used in this table relate to jurisdictional totals.

- 1996 total losses for Newfoundland, Prince Edward Island and Indian Reserves have been included in this table.

Section IV

Table 4 - Arson

Jurisdiction	Actual Number	Offences Cleared		Persons Charged		Male Young Offenders	Female Young Offenders
		By Charge	Otherwise	Male Adults	Female Adults		
Alberta	912	97	109	41	6	45	13
British Columbia	2 823	196	213	84	11	103	12
Manitoba	449	76	49	21	4	41	3
New Brunswick	362	32	18	17	3	9	0
Newfoundland	143	29	9	12	4	10	1
Nova Scotia	405	59	19	25	21	18	4
Ontario	3 473	405	330	195	48	158	15
Prince Edward Island	50	7	9	6	0	1	0
Quebec	3 936	334	334	230	36	104	5
Saskatchewan	236	45	38	30	6	13	0
Northwest Territories	46	6	13	2	1	5	0
Yukon	30	4	4	2	0	2	1
Total	12 865	1 290	1 145	665	140	509	54

Source: Canadian Centre for Justice Statistics - Statistics Canada. This table contains the numbers of arsons reported to the police department and would not necessarily mean a fire.

Section V

Table 5 - Fire Losses by Source of Ignition

Source of Ignition (Igniting Object)	Number of Fires	\$ Loss	Injuries					Deaths				
			FF	M	W	C	Uncl.	FF	M	W	C	Uncl.
No igniting object (e.g., lightning)	408	5 639 211	4	1	0	1	1	0	3	0	0	0
Cooking equipment	6 478	69 837 340	64	328	241	58	30	0	27	8	2	0
Heating equipment	5 063	103 977 552	74	112	50	17	23	0	17	3	6	0
Appliances and equipment	1 845	38 054 762	18	34	19	1	5	0	2	0	0	0
Electrical distribution equipment	5 208	149 102 073	121	65	20	10	5	0	7	3	3	0
Other electrical equipment	3 705	54 869 280	32	35	16	6	3	0	5	2	2	0
Smoker's material and "open flame":												
Smoker's material	3 407	41 693 435	100	166	95	19	17	0	56	32	11	1
Match, lighter (not used with smoking), lamp, candle, taper	2 506	31 695 378	70	57	61	44	12	0	6	2	4	0
Cutting torch, welding equipment, varied torches	895	21 123 606	16	51	1	0	2	0	0	0	0	0
Hot ashes, embers (non-smoking material)	388	5 738 030	7	3	3	1	0	0	0	0	0	0
Smoker's material or "open flame", unclassified	4 022	85 684 927	62	59	21	12	2	0	12	13	3	0
Exposure	2 392	25 541 961	11	9	2	1	0	0	0	0	0	0
Miscellaneous	7 722	149 377 076	74	86	20	4	29	0	6	0	1	35
Undetermined	16 099	381 001 884	289	162	63	21	106	0	47	21	10	24
Total	60 138	1 163 336 515	942	1 168	612	195	235	0	188	84	42	60

FF - Firefighters M - Men W - Women C - Children Uncl. - Unclassified

Figure 4 - Source of Ignition

Summary 1996

Section VI

Table 6 - Fire Deaths and Injuries

Table 6(a) - Fire Deaths, 1996 and 10-Year Summary

Jurisdiction	1996						Fire Death Rate *	10-Year Average	
	Firefighters	Men	Women	Children	Unclassified	Total		Average Number of Deaths	Fire Death Rate *
Alberta	0	28	8	5	0	41	1.46	43	1.68
British Columbia	0	17	7	1	2	27	1.06	41	1.28
Manitoba	0	14	3	4	0	21	1.83	24	2.13
New Brunswick	0	6	1	0	0	7	0.91	16	2.25
Newfoundland	0	0	0	0	14	14	2.45	13	2.39
Nova Scotia	0	12	5	4	0	21	2.22	25	2.80
Ontario	0	75	36	16	0	127	1.12	141	1.39
Prince Edward Island	0	0	0	0	3	3	2.18	4	2.99
Quebec	0	35	24	11	0	70	0.94	83	1.20
Saskatchewan	0	0	0	0	24	24	2.34	22	2.21
Northwest Territories	0	0	0	1	0	1	1.50	5	8.36
Yukon	0	1	0	0	0	1	3.17	2	5.82
National Defence	0	0	0	0	0	0	0.00	1	0.62
Indian Reserves	0	0	0	0	17	17	5.22	23	7.42
Federal Properties	0	0	0	0	0	0	0.00	0	0.00
Total	0	188	84	42	60	374	1.22	443	1.56

* Fire death rate - number of fire deaths per 100 000 population per annum

Table 6(b) - Fire Injuries, 1996 and 10-Year Summary

Jurisdiction	1996					Total	Fire Injury Rate *	10-Year Average	
	Firefighters	Men	Women	Children	Unclassified			Average Number of Injuries	Fire Injury Rate *
Alberta	107	186	105	55	0	453	16.23	422	16.42
British Columbia	130	146	61	21	75	433	11.23	410	12.19
Manitoba	61	96	51	23	0	231	20.20	261	23.29
New Brunswick	29	24	18	7	0	78	10.22	84	8.88
Newfoundland	0	0	0	0	0	0	0.00	18	3.25
Nova Scotia	16	18	10	4	0	48	5.09	61	6.68
Ontario	471	81	274	65	49	1 340	11.90	1 696	16.74
Prince Edward Island	0	0	0	0	0	0	0.00	0	0.16
Quebec	125	192	89	17	0	423	5.72	532	7.69
Saskatchewan	0	0	0	0	96	96	9.38	88	8.74
Northwest Territories	1	5	2	3	1	12	18.01	18	30.88
Yukon	2	2	0	0	0	4	12.69	5	15.32
National Defence	0	7	0	0	0	7	8.14	12	8.58
Indian Reserves	0	0	0	0	14	14	4.30	20	6.45
Federal Properties	0	11	2	0	0	13	6.27	7	3.02
Total	942	1 168	612	195	235	3 152	10.30	3 634	12.86

* Fire injury rate - number of fire injuries per 100 000 population per annum

Section VII

Table 7 - Act or Omission Causing Fire

Act or Omission	Number of Fires	\$ Loss	Injuries					Deaths					
			FF	M	W	C	Uncl.	FF	M	W	C	Uncl.	
Arson or other set fires:													
Arson/suspected arson	4 387	67 288 912	99	53	23	9	3	0	15	4	2	0	0
Other set fires	7 612	178 396 960	125	78	37	9	5	0	7	4	2	0	0
Misuse of source of ignition:													
Smoker's material	1 019	18 691 258	32	47	21	6	6	0	12	9	3	0	0
Child playing	611	9 946 776	11	15	21	34	4	0	1	0	8	0	0
Welding, cutting, thawing	405	11 730 727	11	23	0	0	1	0	0	0	0	0	0
Unclassified	6 753	117 194 248	132	269	187	36	23	0	32	26	5	0	0
Misuse of material ignited	2 843	42 596 141	48	206	111	39	8	0	21	11	3	0	0
Mechanical, electrical failure, malfunction	12 222	250 747 502	145	146	53	13	14	0	16	3	3	0	0
Construction, design or installation deficiency	2 837	46 831 319	40	30	16	3	11	0	4	1	0	0	0
Misuse of equipment	416	11 941 790	18	2	1	1	0	0	3	0	0	0	0
Human failing:													
Asleep	80	1 191 595	1	6	8	3	4	0	2	0	0	0	0
Suspected impairment by alcohol, drugs, medication	127	2 543 636	2	19	5	3	2	0	12	1	3	0	0
Miscellaneous	2 692	45 938 430	43	107	56	17	26	0	12	5	0	2	0
Vehicle accident	450	4 793 895	4	2	0	0	0	0	4	0	0	0	0
Miscellaneous	17 684	353 503 326	231	165	73	22	128	0	46	20	13	58	0
Total	60 138	1 163 336 515	942	1 168	612	195	235	0	187	84	42	60	0

FF-Firefighters
M-Men
W-Women
C-Children
Uncl.-Unclassified

Section VIII

Table 8 - Losses of \$500 000 and over

Table 8(a) Alberta

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Edmonton	96.01.24	Rubber, rubber products manufacturing	Misuse of equipment - unclassified	3,610,000	3	0
Drayton Valley	96.02.17	Sawmill, planning mills, wood products mill	Arson/set fire - unknown	770,366	0	0
Edmonton	96.03.11	Building under construction	Ignorance of hazard	1,610,000	0	0
High Level	96.03.05	Motor vehicle and trailer sales	Act or omission - unknown	1,028,047	0	0
County # 31	96.03.22	Dwelling (year-round: 1-family)	Suspected arson	574,800	0	0
Hinton	96.04.03	Apartment, tenement, flat - 3 to 20	Act or omission - unknown	535,748	0	0
Calgary	96.05.25	Agricultural supply storage	Kids under 12 set fire	700,000	0	0
Calgary	96.06.21	Dwelling (year-round: 1 family)	Child playing	716,327	0	0
Alder Flats	96.06.23	Elementary school	Suspected arson	570,567	0	0
Taber	96.03.23	Bowling alley	Arson/set fire - unknown	500,000	0	0
M.D. # 31	96.06.23	Dwelling (year-round: 1 family)	Smoker's material	600,000	0	0
Lloydminster	96.06.30	Lumber, retail sales	Suspected arson	638,252	0	0
County #4	96.07.31	Elevators, grain, commercial	Welding or cutting too close	1,300,000	0	0
High Level	96.09.29	Market, grocery store	Suspected arson	502,860	0	0
County #16	96.10.21	Gas distribution system, pipeline	Act or omission	750,000	0	0
Ft. Macleod	96.11.19	Agricultural supply storage	Act or omission	850,000	0	0
Mun. Of Wood Buffalo	96.11.26	Appliance repair shop	Part failure, leak, break	948,631	0	0
M.D. #94	96.11.28	Industrial truck, forklift & material handling	Mechanical, Electrical Failure	500,000	0	0
M.D. #94	96.11.29	Construction equipment	Electrical short circuit	786,760	0	0
Ft. Saskatchewan	96.12.04	Chemicals, petroleum, paints, plastics - unclassified	Act or omission unclassified	1,000,000	0	0
Mun. Of Wood Buffalo	96.12.04	Sawmill, planning mill, wood products mill	Act or omission unclassified	6,600,000	0	0
Rocky Mtn. House	96.12.08	Furniture, appliance, hardware sales - unclassified	Arson/set fire	650,000	0	0
Calgary	96.12.14	Apartment, tenement, flat - 3 to 20 units	Act or omission unknown	783,356	5	0
Linden	96.12.24	Slaughtering, preparing, preserving of meat and poultry	Act or omission unknown	1,575,000	0	0

Table 8(b) British Columbia

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Bowen Island	96.01.04	Dwelling year-round use	Suspected set fire - motive unknown	630,000	0	0
Kimberley	96.01.08	Sporting Goods sales, bicycle sales	Arson or set fire - vandalism mischief	505,000	0	0
Terrace	96.01.13	Motor vehicle	Cannot be determined	2,250,000	0	0
Duncan	96.01.15	Sanatorium, nursing home	Smokers' materials	1,500,000	0	0
Maple Ridge	96.01.29	Machinery storage	Automatic control failure	570,000	0	0
Surrey	96.01.29	Miscellaneous manufacturing - unclassified	Cannot be determined	544,813	1	0
Quesnel	96.02.08	Elementary school	Cannot be determined	3,100,000	0	0
Burnaby	96.02.12	Electrical and electronic appliance manufacture	Cannot be determined	642,571	0	0
Chetwynd	96.03.02	Sawmill, planing mill	Manual control failure	1,000,000	0	0
Abbotsford	96.05.11	Buildings under construction	Suspected set fire - motive unknown	1,000,000	1	0
White Rock	96.05.26	Apartment over 20 units	Arson, motive unknown	837,700	0	0
Nelson	96.06.04	Electrical light and power generating plant	Automatic control failure	2,700,000	1	0
Vancouver	96.06.11	General business office	Arson	795,000	11	0
Kamloops	96.06.13	Supermarket	Cannot be determined	2,018,000	1	0
Surrey	96.07.20	Sawmill, planing mill	Arson, motive unknown	3,200,000	0	0
Victoria	96.07.22	federal, provincial office	Automatic control failure	1,400,000	3	0
Penticton	96.07.25	Apartment over 20 units	Smokers' materials	565,000	0	0
Blue River	96.07.31	Motor hotel, motel	Distracted, preoccupied	812,210	3	0
Langley Township	96.08.08	High school	Arson, vandalism mischief	3,000,000	0	0
Victoria	96.08.09	Dwelling year round	Smokers' materials	600,000	0	0
Port Hardy	96.09.02	Amusement centre	Cannot be determined	536,000	0	0
Kamloops	96.09.12	Sawmill, planing mill	Cannot be determined	515,000	0	0
Langley Township	96.09.14	Farm facility, unclassified	Suspected set fire, motive unknown	1,200,000	1	0
Vancouver	96.09.25	Industrial truck, fork lift and material handling	Part failure, leak, break	500,000	0	0
Vancouver	96.10.05	Apartment, townhouse	Arson or set fire - vandalism mischief	1,257,000	0	0
Fort Nelson	96.10.25	Sawmill, planing mill	Welding or cutting too close	500,000	0	0
Powell River	96.10.30	Book, stationery store	Mechanical or electrical failure	945,000	0	0
Kelowna	96.11.27	Miscellaneous mercantile	Suspected set fire, motive unknown	561,000	0	0
Williams Lake	96.12.26	Tavern	Cannot be determined	3,352,000	0	0
Sandspit	96.12.27	Dwelling year round	Design deficiency	1,000,000	0	0
Kamloops	96.12.31	Apartment, townhouse over 20 units	Arson or set fire, vandalism mischief	1,750,000	0	0

Table 8(c) Manitoba

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Otterburne RM DeSalaberry	96.01.04	Industrial Manufacturing	Accidental/Electrical	600,000	0	2
Winnipeg	96.01.17	Mercantile	Undetermined	800,000	0	0
Winnipeg	96.01.22	Mercantile	Accidental, Careless Smoking	1,020,000	0	0
West St. Paul	96.02.04	Dwelling	Undetermined/Accidental	630,000	0	0
Brandon	96.02.18	Mercantile	Accidental	1,350,000	0	0
Ile des Chenes	96.03.07	Industrial Manufacturing	Accidental/Electrical	3,000,000	0	0
Winnipeg	96.03.08	Truck	Accidental	500,000	0	0
Headingley	96.04.25	Correctional Institute	Incendiary	4,500,000	0	0
Steinbach	96.05.01	Mercantile	Accidental	1,300,000	0	1
Morris	96.05.04	Institutional	Accidental - Smoking	600,000	1	0
Winnipeg	96.05.21	Industrial Storage	Undetermined Suspicious	3,000,000	0	0
Winnipeg	96.06.06	Industrial Storage	Incendiary	500,000	0	0
Winnipeg	96.06.12	School	Incendiary	2,000,000	0	0
RM Elton	96.09.27	Hog Barn	Undetermined accidental	1,300,000	0	0
Winnipeg	96.09.30	Apartment	Accidental	1,000,000	0	1
Winnipeg	96.10.18	Industrial Manufacturing	Accidental	2,100,000	0	0
Winnipeg	96.11.06	Mercantile	Accidental	800,000	0	0
Winnipeg	96.12.19	Apartment	Incendiary	600,000	0	1

Table 8(d) New Brunswick

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
None						

Table 8(e) Newfoundland

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Not available						

Table 8(f) Nova Scotia

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Tatamagouche	96.02.24	Single family dwelling	Combustible too close to heat	520,000	0	0
Indian Point	96.12.15	Single family dwelling	Mechanical electrical failure	1,193,743	0	0

Table 8(g) Ontario

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Timmins	02.01.96	Storage Properties	Misuse of Material Ignited	550,000	0	0
Ottawa	05.01.96	One and Two Family Dwellings	Unclassified	1,000,000	6	0
Puslingh TWP	13.01.96	Farm Facility	Unclassified	1,000,000	0	0
Kitchener	14.01.96	School, Collage, University	Misuse of Ignition Source	2,428,145	0	0
Muskoka Lakes	17.01.96	One and Two Family Dwellings	Mechanical, Electrical Failure	500,000	0	0
Markham	18.01.96	One and Two Family Dwellings	Unclassified	653,514	0	0
Kirkland Lake	23.01.96	Food or Beverage Establishment	Unclassified	1,000,000	3	0
North York	23.01.96	Mercantile	Mechanical, Electrical Failure or Malfunction	1,000,000	4	0
Kirkland Lake	23.01.96	Apartment, Tenement, Flat	Unclassified	700,000	0	0
York	30.01.96	Mercantile	Unclassified	600,000	3	0
Peterborough	31.01.96	Industrial Manufacturing	Unclassified	650,000	1	0
Aurora	02.02.96	Industrial Manufacturing	Mechanical, Electrical Failure or Malfunction	800,000	0	0
Paipoonge TWP	03.02.96	Industrial Manufacturing	Mechanical, Electrical Failure or Malfunction	500,000	0	0
Peterborough	15.02.96	Rooming, Boarding, Lodging House, Hostel	Unclassified	500,000	0	0
Timmins	16.02.96	One and Two Family Dwellings	Unclassified	500,000	0	0
Peterborough	22.02.96	Residential - Miscellaneous	Unclassified	1,000,000	2	0
Hamilton	27.02.96	Storage Properties	Mechanical, Electrical Failure or Malfunction	500,000	0	0
North York	29.02.96	Industrial Manufacturing	Unclassified	1,000,000	1	0
Tudor & Cashel TWP	05.03.96	Mobile Home, Trailer	Unclassified	500,000	0	0
Windsor	17.03.96	Storage Properties	Unclassified	1,000,000	0	0
Norwick TWP	18.03.96	Industrial Manufacturing	Unclassified	900,000	0	0
Nepean	18.03.96	One and Two Family Dwellings	Unclassified	1,000,000	1	0
Mariposa TWP	19.03.96	Farm Facility	Unclassified	500,000	1	0
Nanticoke	19.03.96	Storage Properties	Misuse of Ignition Source	1,000,000	1	0
Tweed	21.03.96	One and Two Family Dwellings	Design, Construction, Installation Deficiency	2,500,000	0	0
Parry Sound	22.03.96	Mercantile	Arson/Suspected Arson	1,200,000	0	0
Mountain TWP	28.03.96	Miscellaneous Structural Property	Unclassified	600,000	0	0
Brampton	28.03.96	Special Connecting Properties	Misuse of Ignition Source	500,000	0	0
London	12.04.96	Business and Personal Service	Unclassified	500,000	0	0
Armstrong TWP	29.04.96	Ground Transport Vehicle	Mechanical, Electrical Failure or Malfunction	700,000	0	0
Armstrong TWP	29.04.96	Mercantile	Mechanical, Electrical Failure or Malfunction	950,000	0	0

Table 8(g) Ontario (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Toronto	29.04.96	Mercantile	Misuse of Ignition Source	870,000	1	0
Minto TWP	05.05.96	Farm Facility	Unclassified	500,000	0	0
Elma TWP	06.05.96	One and Two Family Dwellings	Mechanical, Electrical Failure or Malfunction	600,000	0	0
Markham	10.05.96	Special Vehicle	Unclassified	800,000	0	0
Oro	17.05.96	Farm Facility	Unclassified	565,003	0	0
Kenora District	26.05.96	Industrial Manufacturing	Unclassified	500,000	0	0
North York	26.05.96	Clubs, Social, Sport	Other Set Fires	500,000	1	0
Kingston	27.05.96	Business and Personal Service	Arson/Suspected Arson	750,000	0	0
Brampton	30.05.96	Industrial Manufacturing	Mechanical, Electrical Failure or Malfunction	1,000,000	0	0
Sudbury	05.06.96	Food or Beverage Establishment	Unclassified	600,000	0	0
Kenora	07.06.96	Storage Properties	Unclassified	3,678,000	0	0
Sudbury	11.06.96	Mercantile	Unclassified	1,500,000	0	0
Marathon TWP	25.06.96	Utilities	Mechanical, Electrical Failure or Malfunction	500,000	0	0
Sudbury	26.06.96	Food or Beverage Establishment	Unclassified	500,000	0	0
Seaforth	30.06.96	Apartment, Tenement, Flat	Unclassified	600,000	0	0
Etobicoke	02.07.96	Storage Properties	Unclassified	500,000	0	0
Brockville	02.07.96	Apartment, Tenement, Flat	Unclassified	600,000	0	0
Hamilton	03.07.96	Hotel, Inn, Lodge	Misuse of Material Ignited	500,000	3	1
Fort Erie	12.07.96	Mercantile	Arson/Suspected Arson	500,000	0	0
Niagara-on-the-Lake	18.07.96	Storage Properties	Unclassified	1,000,000	0	0
Niagara-on-the-Lake	18.07.96	Storage Properties	Unclassified	1,000,000	0	0
Chapleau TWP	20.07.96	One and Two Family Dwellings	Other Set Fire	1,500,000	0	0
Hamilton	24.07.96	Industrial Manufacturing	Mechanical, Electrical Failure or Malfunction	900,000	6	0
Scarborough	25.07.96	Industrial Manufacturing	Unclassified	600,000	0	0
Scarborough	08.08.96	One and Two Family Dwellings	Unclassified	500,000	0	0
Scarborough	08.08.96	One and Two Family Dwellings	Unclassified	500,000	0	0
Oakville	19.08.96	Mercantile	Unclassified	779,900	0	0
Oshawa	25.08.96	Mercantile	Other Set Fires	750,000	0	0
Ottawa	30.08.96	Farm Facility	Unclassified	1,550,000	0	0
Leamington	04.09.96	Industrial Manufacturing	Mechanical, Electrical Failure or Malfunction	2,500,000	0	0
Oshawa	25.09.96	Mercantile	Other Set Fires	750,000	0	0
Glencoe	30.09.96	Farm Facility	Unclassified	644,195	0	0
Essex	10.10.96	Mercantile	Unclassified	1,000,000	0	0
Woodstock	15.10.96	Food or Beverage Establishment	Arson/Suspected Arson	1,000,000	0	0
Barrie	01.11.96	Mercantile	Unclassified	2,000,000	0	0
Mersea TWP	06.11.96	Industrial Manufacturing	Unclassified	1,200,000	0	0
Richmond Hill	14.11.96	Mercantile	Misuse of Material Ignited	500,000	0	0
Mississauga	19.11.96	Industrial Manufacturing	Unclassified	800,000	0	0
Barrie	30.11.96	One and Two Family Dwellings	Child Playing	500,000	0	0
Otonabee TWP	01.12.96	Mercantile	Mechanical, Electrical Failure or Malfunction	1,250,000	1	0
London	04.12.96	Industrial Manufacturing	Arson/Suspected Arson	500,000	0	0
Ottawa	10.12.96	Apartment, Tenement, Flat	Unclassified	1,000,000	0	0
Windsor	26.12.96	Industrial Manufacturing	Unclassified	800,000	0	0
Fort Frances	30.12.96	Business and Personal Service	Unclassified	550,000	0	0

Table 8(h) Prince Edward Island

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Not available						

Table 8(i) Quebec

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Brossard	96.01.05	Mercantile	Voluntary	500,000	0	0
Chicoutimi	96.01.05	Metal Industry	Misuse of equipment	1,790,344	0	0
Saint-Hughes	96.01.08	Mercantile	Voluntary	768,000	0	0
Mont-Laurier	96.01.09	Restaurant with alcohol	Voluntary	1,095,000	0	0
Montreal	96.01.11	Apartment building	Voluntary	930,451	0	0
Montreal	96.01.13	Apartment building	Electrical/mechanical failure	566,835	0	0
Saint-Jerome	96.01.13	Department store	Voluntary	1,000,000	0	0
Montreal	96.01.15	Apartment building	Not applicable	2,377,328	31	0
Dorval	96.01.15	Repair shop	Misuse of material ignited	975,000	3	0
West Trois-Rivieres	96.01.17	Office	Mechanical/electrical short circuit	3,151,000	0	0
Jonquiere	96.01.22	Car, boat manufacturing	Not applicable	1,537,796	0	0
Baie Comeau	96.01.22	Restaurant with alcohol	Construction, design or installation deficiency	1,000,000	0	0
Trois Rivieres	96.01.23	Clothing manufacturing	Improper usage	506,399	0	0
Ferme Neuve	96.01.23	Wood, furniture, paper manufacturing	Improper usage	1,700,000	0	0
Saint Philippe	96.01.26	Repair shop	Mechanical/electrical failure	650,000	0	0
Sept-Iles	96.01.26	Car, boat manufacturing	Misuse of equipment	773,300	2	0
Saint-Jean-de-Matha	96.02.01	1-2 family dwelling	Voluntary	640,000	0	0
Saint Jerome	96.02.03	Apartment building	Construction deficiency	1,234,049	0	0
Deauville	96.02.06	1-2 family dwelling	Voluntary	656,000	0	0
Pont Rouge	96.02.08	Warehouse	Not applicable	1,200,000	0	0
Val D'Or	96.02.14	Hotel, Inn, Lodge	Mechanical/electrical deficiency	700,000	0	0
Saint Georges	96.02.16	Food and beverages establishment	Mechanical/electrical deficiency	3,000,000	0	0
Montreal	96.02.19	Food and beverages establishment	Mechanical/electrical deficiency	641,973	2	0
Sainte Anne du Lac	96.02.20	Wood, furniture, paper industry	Mechanical/electrical deficiency	662,000	0	0
Sainte Petronille	96.02.22	Hotel, Inn, Lodge	Undetermined	1,084,900	1	1
Saint Ephrem de Beauce	96.02.24	Warehouse	Mechanical/electrical deficiency	1,500,000	0	0
Vaudreuil Dorion	96.02.25	Books, newspaper store	Voluntary	2,172,500	0	0
Saint Arsene	96.02.29	Farm products	Not applicable	750,000	0	0

Table 8(i) Quebec (cont'd)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Chicoutimi	96.02.29	Clothing store	Mechanical/electrical deficiency	1,375,000	0	0
Stoneham/tewkesbury	96.03.04	Other	Human error	583,487	0	0
Longueuil	96.03.05	Other property	Undetermined	1,211,165	0	0
Sept-Iles	96.03.05	Food and beverages establishment	Mechanical/electrical deficiency	1,600,910	5	0
Laval	96.03.10	1-2 family dwelling	Voluntary	744,693	0	0
Montreal	96.03.11	Apartment building	Voluntary	809,512	0	2
Montreal East	96.03.14	Vehicle, aircraft warehouse	Voluntary	550,000	0	0
Saint-Donat	96.03.16	1-2 family dwelling	Not applicable	610,154	0	0
Sainte Cecile de Levrard	96.03.17	Warehouse and farm products	Mechanical/electrical deficiency	608,558	0	0
Riviere Mouchalaganie	96.03.17	Vehicle, aircraft warehouse	Not applicable	1,000,000	0	0
Saint Hyacinthe	96.03.18	Apartment building	Voluntary	607,260	0	0
Saint Lambert de Lauzon	96.03.20	Meeting establishment	Mechanical/electrical deficiency	1,056,115	0	0
Farnham	96.03.24	Establishment and farm products	Construction deficiency	871,409	0	0
Saint-Bruno	96.03.25	Food industry	Improper usage	1,887,135	0	2
Montreal	96.03.27	Furniture store	Mechanical/electrical deficiency	1,161,391	2	0
Saint-Laurent	96.03.31	Repair shop	Voluntary	534,481	0	0
Saint Felicien	96.04.04	Furniture store	Improper usage	1,507,000	0	0
Saint Felicien	96.04.05	Food and beverages establishment	Not applicable	500,000	0	0
Granby	96.04.07	Other business	Voluntary	1,651,000	0	0
Montreal	96.04.07	Restaurant with alcohol	Voluntary	674,276	0	0
Repentigny	96.04.18	Other business	Mechanical/electrical deficiency	894,033	1	0
Montreal	96.05.02	Other industry	Voluntary	1,000,000	0	0
Quebec	96.05.08	Apartment building	Voluntary	589,167	0	0
Anjou	96.05.14	Metal industry	Mechanical/electrical deficiency	904,319	0	0
Roxton	96.05.22	Building and farm products	Mechanical/electrical deficiency	553,604	0	0
Laval	96.05.23	Chemical, paint, oil products industry	Mechanical/electrical deficiency	2,000,000	0	0
Mercier	96.05.24	Restaurant with alcohol	Mechanical/electrical deficiency	681,000	0	0
Varenes	96.06.06	Laboratory	Mechanical/electrical deficiency	500,000	0	0
Victoriaville	96.06.14	Hotel, Inn, Lodge	Voluntary	1,342,082	1	0
Saint-Nazaire-d'Action	96.06.26	Building and farm products	Mechanical/electrical deficiency	705,613	0	0
Mont-Royal	96.07.01	Wood, furniture and paper industry	Mechanical/electrical deficiency	601,582	0	0
Drummondville	96.07.16	Restaurant with alcohol	Mechanical/electrical deficiency	650,000	0	0
Jonquiere	96.07.19	Other industry	Mechanical/electrical deficiency	700,000	0	0
Quebec	96.07.20	Restaurant with alcohol	Voluntary	1,078,076	0	0
Sainte-Emelie de l'Energie	96.07.20	Other industry	Not applicable	2,600,000	0	0
Terrebonne	96.07.21	Industry of chemical, paint and oil products	Misuse of material ignited	2,534,200	1	0
Saint Simon les Mines	96.07.24	1-2 family dwellin	Voluntary	504,000	0	0
Drummondville	96.07.24	Industry of chemical, paint and oil products	Voluntary	550,000	0	0
Saint-Laurent	96.07.28	Restaurant with alcohol	Voluntary	789,400	0	0
Longueuil	96.07.30	Amusement, recreation place	Voluntary	950,000	2	0
Gaspe	96.08.05	School, college, university	Improve use of material ignited	2,500,000	3	0

Table 8(i) Quebec (cont'd)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Louiseville	96.08.06	Building and farm products	Voluntary	500,000	0	0
Val-Joli	96.08.08	Apartment building	Not applicable	873,423	0	0
Rimouski	96.08.13	Furniture, hardware store	Voluntary	700,000	1	0
Montreal	96.08.14	Metal warehouse	Undetermined	1,000,000	0	0
Tingwick	96.08.15	Building and farm products	Mechanical/electrical deficiency	879,980	0	0
Montreal	96.08.26	Textile industry	Improper use	1,616,235	0	0
Montreal	96.08.26	Department store	Improper use	770,000	0	0
Sainte-Genevieve	96.08.31	Home for the aged	Improper use	2,000,000	0	7
Sacre-Coeur	96.08.31	Cement, pottery and glass industry	Not applicable	800,000	0	0
Trois-Rivieres	96.09.03	Hobby Shop	Undetermined	712,300	1	0
Sainte-Foy	96.09.11	Communication centre	Improper use	500,000	0	0
Mont Sain Gregoire	96.09.26	Building and farm products	Mechanical/electrical deficiency	4,000,000	0	0
Saint-Hubert	96.10.01	Apartment building	Improper use	1,108,606	0	0
Baie-D'Urfe	96.10.06	1-2 family dwelling	Undetermined	609,732	0	0
Trois Rivieres	96.10.23	Furniture, hardware store	Improper storage of flammable liquid	555,465	0	0
Saint Hubert	96.10.27	Other industry	Voluntary	600,000	0	0
Inukjuak	96.10.27	Office	Undetermined	900,000	0	0
Sainte Cecile de Milton	96.10.28	Food and beverage warehouse	Mechanical/electrical deficiency	1,046,507	0	0
Trois Rivieres	96.10.31	Furniture, hardware store	Mechanical/electrical deficiency	1,220,000	0	0
Saint Alexis des Monts	96.10.31	Hotel, Inn, Lodge	Mechanical/electrical deficiency	4,000,000	0	0
Saint Ambroise	96.11.12	Vehicle, aircraft industry	Undetermined	2,315,218	0	0
Montmagny	96.11.16	Wood, furniture and paper industry	Mechanical/electrical deficiency	1,030,000	0	0
Saint Esprit	96.11.16	Building and farm products	Mechanical/electrical deficiency	630,732	0	0
Greenfield Park	96.11.17	Apartment building	Voluntary	1,200,000	1	0
Sainte Perpetue	96.11.18	Building and farm products	Not applicable	534,078	0	0
Saint-Damase	96.11.22	Food industry	Mechanical/electrical deficiency	1,000,000	0	0
Mont Laurier	96.11.25	Wood, furniture and paper industry	Mechanical/electrical deficiency	5,019,280	0	0
Daveluyville	96.11.27	Clothing and textile industry	Not applicable	500,000	0	0
Saint Prime	96.11.30	Wood, furniture and paper industry	Improper use	818,203	0	0
Saint Patrice de Sherrington	96.12.04	Warehouse of metal articles	Voluntary	750,000	0	0
Montreal	96.12.09	Restaurant with alcohol	Voluntary	550,000	0	0
Cabano	96.12.10	Chemical, paint and oil industry	Mechanical/electrical deficiency	2,500,000	0	0
Quebec	96.12.18	Other industry	Voluntary	611,747	0	0
Westmount	96.12.18	1-2 family dwelling	Improper use	600,000	0	0
Saint-Hyacinthe	96.12.20	Clothing and textile industry	Undetermined	819,300	0	0
Sainte Claire	96.12.24	Building and farm products	Not applicable	700,000	0	0
Fleurmont	96.12.25	Restaurant with alcohol	Undetermined	834,000	0	0
Montreal	96.12.31	Apartment building	Mechanical/electrical deficiency	505,000	0	0

Table 8(j) Saskatchewan

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
None						

Table 8(k) Northwest Territories

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Norman Wells	96.03.17	Dormitory	Mechanical/electrical malfunction	1,000,000	0	0
Kugluktuk	96.03.25	Recreation Center	Accident	5,000,000	0	0
Fort McPherson	96.01.09	School	Incendiary	7,000,000	0	0

Table 8(l) Yukon

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Whitehorse	96.01.12	Mercantile	Electrical short circuit	600,000	0	0
Watson Lake	96.07.14	Business	Unclassified	650,000	0	0
Dawson City	96.08.30	Business	Electrical short circuit	500,000	0	0

Table 8(m) National Defence

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Camp Eureka, NWT	96.09.25	Storage	Unclassified	2,870,000	0	0

Table 8(n) Indian Reserves

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Not available						

Table 8(o) Federal Jurisdiction

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Antigonish, B.C.	96.01.08	Office building	Unclassified	600,000	0	0
Ottawa	96.08.30	Experimental farm	Unknown	760,000	0	0

Figure 5 - Act or Omission Causing Fire

Summary 1996

Provincial and Territorial Fire Marshals and Fire Commissioners

Mr. R. McCullough
Fire Commissioner
Saskatchewan Municipal Government
Office of the Fire Commissioner
1855 Victoria Avenue, Suite 310
Regina, Saskatchewan
S4P 3V7

Mr. R. Dumala, P. Eng.
Fire Commissioner
Ministry Of Municipal Affairs
800 Johnson Street, 3rd Floor
Victoria, British Columbia
V8W 9N7

Mr. Robert Cormier
Fire Marshal
Department of Labour
P.O. Box 697
5151 Terminal Rd.
Halifax, Nova Scotia
B3J 2T8

Mr. Fred Hollett
Fire Commissioner
Department Of Municipal and Provincial Affairs
Pleasantville Fire Station
Building 901, Box 8700
St. John's, Newfoundland
A1B 4J6

Ms. Philippa Gourley
Fire Marshal
Public Safety Branch
Municipalities, Culture and Housing
65 Brunswick Street, 3rd floor
Fredericton, New Brunswick
E3B 5H1

Mr. D. Gillis
Fire Marshal
Emergency Services Division
Municipality and Community Affairs
Government Of N.W.T.
600, 5201-50th Avenue
Yellowknife, Northwest Territories
X1A 3S9

Mr. David Blacquiére
Fire Marshal
Community Affairs and Attorney General
31 Gordon Drive, P.O. Box 2000
Charlottetown, Prince Edward Island
C1A 7N8

Mr. Doug Popowich
Fire Commissioner
Manitoba Labour
1601 Van Horne Ave. E.
Brandon, Manitoba
R7A 7K2

Lt. Col. Sean Tracey
Canadian Forces Fire Marshal
101 Colonel By Drive
Ottawa, Ontario
K1A 0K2

Mr. W.P. Worona
Director
Occupational, Safety and Health
and Fire Prevention Division
Human Resources Development Canada
Ottawa, Ontario
K1A 0J2

Mr. Luc Crépault
Associate Deputy Minister
Civil Security and Fire Safety
2525 Laurier Blvd., 5th floor
Tour des Laurentides
Sainte Foy, Québec
G1V 2L2

Mr. T. Makey
Fire Commissioner
Alberta Municipal Affairs and Secretary Treasury of
CCFM/FC
Room 601, I.B.M. Building
10808 - 99th Ave.
Edmonton, Alberta
T5K 0G5

Mr. B.A. Moyle
Fire Marshal
Ministry of The Solicitor General
and Correctional Services
Place Nouveau Bldg.
5775 Yonge St. 7th floor
North York, Ontario
M2M 4J1

Mr. J. Holesworth
Fire Marshal
Department of Community Services
2nd And Hansen Streets
P.O. Box 2703
Whitehorse, Yukon
Y1A 2C6