

*Association of
Canadian Fire Marshals
and Fire Commissioners*



*l'Association canadienne
des directeurs provinciaux et
des commissaires des incendies*

Annual Report 1992



Fire Losses in Canada

**Annual Report
1992**



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December 31, 1994

To: The President and Members of the Association of Canadian Fire Marshals and Fire Commissioners

This 1992 Annual Report of Fire Losses in Canada is the seventy-first edition to be published. As in the past years, it is compiled from information supplied by the Association of Canadian Fire Marshals and Fire Commissioners (ACFM & FC), Indian and Northern Affairs Canada (INAC) and Statistics Canada. The report is made available to the public by distribution through provincial and territorial fire marshals and fire commissioners. Copies are also forwarded to various public and government libraries and in response to specific requests.

I would like to thank the members of the ACFM & FC, INAC and Statistics Canada for their cooperation in providing the necessary data for this report and assisting in our objective to supply complete statistics on Canadian fire losses.

Yours truly,

A handwritten signature in black ink, appearing to read "T.J. Dunfield". The signature is fluid and cursive, with a large initial "D" and "F".

T.J. Dunfield
Fire Commissioner of Canada

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THE RECORD

In 1992, the fire death total of 401 was a decrease (1.23%) from the 406 recorded in 1991 (the 1991 Annual Report of Fire Losses in Canada identified 388 fire deaths. This was later revised to 406 as a revised fire loss summary report was received from British Columbia after the report was published). As was reported last year, the fire death total is in keeping with the general downward trend started in 1981.

The total number of fire injuries reported in 1992, 3 874 is an increase of 11.45% from that recorded in 1991.

The number of reported fires, 65 999, is a decrease (3.16%) from the 1991 figure of 68 150.

The property loss figure of \$1 241 390 000 represents an increase of only 0.13% from the 1991 dollar figure of \$1 239 716 205.

The "Residential" property classification continues to account for the largest number of fires. In 1992, there were 29 196 fires in this category, 44% of the Canadian total. These incidents resulted in 333 deaths or approximately 83% of the nation's fire fatalities. The monetary loss amounted to \$540 million, which is 43% of the total loss.

The property classification showing the second largest number of fires is "Special Properties," where 24 782 fires were reported, accounting for approximately 37% of the overall Canadian total. Vehicle fires accounted for 18 899 incidents or 76% of all fires within this property classification, amounting to a dollar loss of \$97 million. The total dollar loss for the "Special Properties" classification is \$112 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 13 146 and a dollar loss of \$211 million, "Cooking Equipment" with 8 272 incidents and a loss of \$75 million, and "Electrical Distribution Equipment" with 6 375 incidents and a loss of \$156 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 15 650, a decrease of 8.39%.

The 1992 dollar loss of \$224 million for this category is the same from the previous year. "Arson or Other Set Fires" accounted for 12 109 incidents, an increase of 9.64% from last year. However, the 1992 dollar loss of \$250 million from "Arson and Other Set Fires" was an increase of 5.9% from the 1991 figure of \$236 million.

In summary, this latest information indicates, the total number of fire deaths decreased slightly from that recorded in 1991, the total number of fires decreased 3.16% from the previous year, and the dollar loss increased 0.13%. Typically the category of "Residential Properties" remains an area of utmost concern, accounting for 83% of the total number of fire deaths, 44% of the total number of fires, and 43% 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 1983 - 1992

Table 1 - Canada Fire Losses and Fire Deaths

Year	Population	Number of Fires	\$ Loss	Per Capita \$ Loss	Fire Deaths	Fire Death Rate *	
1983	24 889 900	71 693	838 534 333	33.69	577	2.32	
1984	25 584 586	71 032	944 079 254	36.90	636	2.49	
1985	25 812 885	70 342	934 555 585	36.21	585	2.27	
1986	25 783 567	68 163	984 758 302	38.19	579	2.25	
1987	26 056 136	67 498	965 607 142	37.06	539	2.07	
1988	26 372 481	71 009	1 018 232 771	38.61	535	2.03	
1989	26 646 701	67 588	1 128 079 909	42.33	519	1.95	
1990	27 418 116	68 007	1 237 393 172	45.13	481	1.75	
1991	27 908 282	68 150	1 239 716 205	44.42	406	1.45	
1992	28 531 069	65 999	1 241 390 000	43.51	401	1.41	
10-Year Average			68 944	1 053 234 667	39.74	526	1.98

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

Figure 1 - Canada Fire Losses, Actual and Adjusted

Summary 1983 - 1992

Figure 2 - Canada Fire Deaths and 10-Year Average

Summary 1983 - 1992

Section II

Fire Losses, 1992 and 10-Year Average

Table 2 - Property Losses by Jurisdiction

Jurisdiction	Population 1992	Number of Fires		\$ Loss		Per Capita \$ Loss	
		1992	10-Year Average	1992 \$	10-Year Average	1992 \$	10-Year Average
Alberta	2 662 400	6 771	7 849	97 758 939	117 223 089	36.72	48.26
British Columbia	3 514 300	7 660	7 602	165 114 232	141 173 696	46.98	46.18
Manitoba	1 119 600	5 566	6 143	52 356 760	50 903 032	46.76	46.59
New Brunswick	753 600	2 309	1 959	23 457 707	17 417 446	31.13	24.22
Newfoundland	572 700	616	812	23 240 717	17 949 979	40.58	31.88
Nova Scotia	927 900	2 665	2 503	30 753 087	24 518 373	33.14	27.63
Ontario	10 212 700	22 243	23 244	390 294 272	304 831 520	38.22	32.04
Prince Edward Island	132 100	748	792	5 698 294	4 741 251	43.14	37.23
Quebec	6 903 440	13 726	14 121	388 887 959	313 520 908	56.33	46.92
Saskatchewan	1 008 000	2 543	2 835	43 822 419	36 019 724	43.47	35.86
Northwest Territories	57 649	176	172	7 288 781	5 443 280	126.43	102.98
Yukon	30 100	263	210	1 924 120	1 834 275	63.92	69.72
National Defence	107 557	195	192	2 892 080	3 248 427	26.89	19.13
Indian Reserves	293 680	383	342	7 337 540	9 771 548	24.98	8.94
Federal Properties	235 343	135	174	563 093	4 638 121	2.39	13.48
Summary	28 531 069	65 999	68 950	1 241 390 000	1 053 234 669	43.51	38.75

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	29 196	44.24	539 985 621	43.50	2 862	73.88	333	83.04
Assembly	2 085	3.16	117 126 351	9.44	150	3.87	1	0.25
Institutional	598	0.91	6 294 106	0.51	55	1.42	13	3.24
Business and personal service	536	0.81	48 455 706	3.90	47	1.21	2	0.50
Mercantile	1 949	2.95	120 685 318	9.72	138	3.56	3	0.75
Industrial manufacturing	1 310	1.98	108 652 729	8.75	130	3.35	5	1.25
Storage	1 693	2.57	75 013 030	6.04	109	2.81	5	1.25
Special	24 782	37.55	112 185 398	9.04	270	6.98	18	4.48
Farm	1 454	2.20	57 724 203	4.65	19	0.49	0	0.00
Miscellaneous*	2 396	3.63	55 267 538	4.45	94	2.43	21	5.24
Total	65 999	100.00	1 241 390 000	100.00	3 874	100.00	401	100.00

*1992 total losses for Newfoundland have been included under "Miscellaneous" as their losses by specific property classification are not available.

3(a) Residential Occupancies

Jurisdiction	1992				10-Year Average 1983 - 1992			
	Number of Fires	% of Total	\$ Loss	% of Total	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	1 986	29.33	45 620 932	46.67	2 398	30.55	36 058 962	30.76
British Columbia	3 006	39.24	68 138 978	41.27	3 253	42.79	61 523 223	43.58
Manitoba	1 616	29.03	21 897 112	41.82	2 019	32.87	20 514 827	40.30
New Brunswick	1 543	66.83	14 620 047	62.33	1 239	63.25	11 073 203	63.58
Newfoundland	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nova Scotia	1 667	62.55	20 025 128	65.12	1 579	63.08	12 790 740	52.17
Ontario	10 383	46.68	173 737 972	44.51	11 072	47.63	136 233 275	44.69
Prince Edward Island	549	73.40	2 974 477	52.20	568	71.72	2 364 297	49.87
Quebec	7 256	52.86	171 976 000	44.22	7 815	55.34	135 325 438	43.16
Saskatchewan	667	26.23	10 244 041	23.38	890	31.39	11 261 387	31.26
Northwest Territories	92	52.27	3 008 726	41.28	90	52.33	2 271 962	41.74
Yukon	116	44.11	1 221 625	63.49	88	41.90	1 052 942	57.40
National Defence	66	33.85	262 131	9.06	77	40.10	512 046	15.76
Indian Reserves	246	64.23	6 173 452	84.14	247	72.22	6 212 123	63.57
Federal Properties	3	2.22	85 000	15.10	10	5.75	287 687	6.20
Total	29 196	44.24	539 985 621	43.50	31 345	46.00	437 482 112	42.26

Percentages used in this table relate to jurisdictional totals.

1992 Newfoundland statistics not available for Tables 3(a) to 3(m); table 5; figure 3; table 7; figure 4.

3(b) Residential - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
One and two family residence	19 797	382 485 938	1 523	215
Apartment, tenement, flat	6 043	80 340 838	1 001	63
Rooming, boarding, lodging	353	6 111 832	117	9
Hotel, inn, lodge	320	20 842 058	43	5
Motor hotel, motel	104	2 894 465	13	0
Dormitory	87	1 395 312	4	1
Mobile home, trailer	1 015	18 472 920	79	30
Miscellaneous	1 477	27 442 258	82	10
Total	29 196	539 985 621	2 862	333

Percentages used in this table relate to jurisdictional totals.

3(c) Assembly

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	192	2.84	3 759 016	3.85
British Columbia	288	3.76	15 990 524	9.68
Manitoba	105	1.89	5 358 440	10.23
New Brunswick	36	1.56	1 424 745	6.07
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	52	1.95	2 487 332	8.09
Ontario	793	3.57	32 932 959	8.44
Prince Edward Island	6	0.80	0	0.00
Quebec	509	3.71	50 045 405	12.87
Saskatchewan	46	1.81	1 829 937	4.18
Northwest Territories	10	5.68	2 647 310	36.32
Yukon	4	1.52	361 000	18.76
National Defence	24	12.31	18 683	0.65
Indian Reserves	9	2.35	270 000	3.68
Federal Properties	11	8.15	1 000	0.18
Total	2 085	3.16	117 126 351	9.44

Percentages used in this table relate to jurisdictional totals.

3(d) Assembly - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Theatre, studio, auditorium	37	3 168 329	6	0
Amusement, recreation place	221	6 490 876	9	0
School, college, university	611	35 910 093	23	0
Church, funeral parlour	117	16 179 917	4	0
Club, social, sport	111	5 538 039	5	0
Museum, art gallery, library	30	825 577	1	0
Food, beverage establishment	789	43 365 929	73	1
Passenger terminal, station	49	1 224 269	6	0
Miscellaneous	120	4 423 322	23	0
Total	2 085	117 126 351	150	1

Percentages used in this table relate to jurisdictional totals.

3(e) Institutional

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	41	0.61	83 530	0.09
British Columbia	48	0.63	512 137	0.31
Manitoba	30	0.54	22 213	0.04
New Brunswick	13	0.56	133 277	0.57
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	19	0.71	27 252	0.09
Ontario	241	1.08	883 825	0.23
Prince Edward Island	1	0.13	0	0.00
Quebec	106	0.77	4 175 891	1.07
Saskatchewan	4	0.16	13 000	0.03
Northwest Territories	5	2.84	585	0.01
Yukon	3	1.14	100 300	5.21
National Defence	3	1.54	1 445	0.05
Indian Reserves	0	0.00	0	0.00
Federal Properties	84	62.22	340 651	60.50
Total	598	0.91	6 294 106	0.51

Percentages used in this table relate to jurisdictional totals.

3(f) Institutional - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Prison, jail, reformatory	137	622 827	10	0
Home for the aged	168	4 063 410	25	11
Child care	20	86 688	0	0
Hospital, sanatorium, clinic	203	727 131	16	1
Miscellaneous	70	794 050	4	1
Total	598	6 294 106	55	13

Percentages used in this table relate to jurisdictional totals.

3(g) Business and Personal Service

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	43	0.64	2 158 282	2.21
British Columbia	74	0.97	11 973 638	7.25
Manitoba	33	0.59	889 850	1.70
New Brunswick	5	0.22	685 315	2.92
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	19	0.71	74 135	0.24
Ontario	184	0.83	22 356 745	5.73
Prince Edward Island	16	2.14	830 965	14.58
Quebec	136	0.99	8 378 278	2.15
Saskatchewan	2	0.08	705 000	1.61
Northwest Territories	1	0.57	1 000	0.01
Yukon	1	0.38	75	0.00
National Defence	4	2.05	396	0.01
Indian Reserves	1	0.26	353 000	4.81
Federal Properties	17	12.59	49 027	8.71
Total	536	0.81	48 455 706	3.90

Percentages used in this table relate to jurisdictional totals.

3(h) Mercantile Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	140	2.07	7 958 722	8.14
British Columbia	203	2.65	11 271 485	6.83
Manitoba	68	1.22	5 921 190	11.31
New Brunswick	47	2.04	1 154 289	4.92
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	54	2.03	1 219 235	3.96
Ontario	758	3.41	41 636 819	10.67
Prince Edward Island	16	2.14	276 525	4.85
Quebec	596	4.34	35 964 217	9.25
Saskatchewan	51	2.01	14 868 727	33.93
Northwest Territories	6	3.41	313 600	4.30
Yukon	2	0.76	20 000	1.04
National Defence	5	2.56	8 509	0.29
Indian Reserves	3	0.78	72 000	0.98
Federal Properties	0	0.00	0	0.00
Total	1 949	2.95	120 685 318	9.72

Percentages used in this table relate to jurisdictional totals.

3(i) Industrial Manufacturing Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	121	1.79	10 624 348	10.87
British Columbia	170	2.22	14 152 306	8.57
Manitoba	47	0.84	3 848 712	7.35
New Brunswick	29	1.26	1 969 800	8.40
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	25	0.94	517 907	1.68
Ontario	536	2.41	25 308 164	6.48
Prince Edward Island	2	0.27	3 790	0.07
Quebec	352	2.56	50 706 247	13.04
Saskatchewan	24	0.94	1 467 355	3.35
Northwest Territories	2	1.14	54 000	0.74
Yukon	0	0.00	0	0.00
National Defence	1	0.51	100	0.00
Indian Reserves	1	0.26	0	0.00
Federal Properties	0	0.00	0	0.00
Total	1 310	1.98	108 652 729	8.75

Percentages used in this table relate to jurisdictional totals.

3(j) Storage Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	353	5.21	8 474 881	8.67
British Columbia	261	3.41	13 305 286	8.06
Manitoba	206	3.70	3 962 621	7.57
New Brunswick	68	2.94	1 426 959	6.08
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	63	2.36	2 704 415	8.79
Ontario	261	1.17	19 432 782	4.98
Prince Edward Island	7	0.94	674 311	11.83
Quebec	295	2.15	19 088 774	4.91
Saskatchewan	137	5.39	2 282 127	5.21
Northwest Territories	4	2.27	1 057 100	14.50
Yukon	2	0.76	10 000	0.52
National Defence	18	9.23	2 351 074	81.29
Indian Reserves	16	4.18	238 600	3.25
Federal Properties	2	1.48	4 100	0.73
Total	1 693	2.57	75 013 030	6.04

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	3 439	50.79	16 140 545	16.51
British Columbia	3 378	44.10	23 309 975	14.12
Manitoba	3 154	56.67	5 227 918	9.99
New Brunswick	507	21.96	1 242 098	5.30
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	660	24.77	2 015 636	6.55
Ontario	8 077	36.31	37 687 819	9.66
Prince Edward Island	119	15.91	333 813	5.86
Quebec	3 869	28.19	19 485 325	5.01
Saskatchewan	1 263	49.67	6 122 363	13.97
Northwest Territories	52	29.55	171 660	2.36
Yukon	126	47.91	149 150	7.75
National Defence	52	26.67	111 258	3.85
Indian Reserves	82	21.41	165 238	2.25
Federal Properties	4	2.96	22 600	4.01
Total	24 782	37.5	112 185 398	9.04

Percentages used in this table relate to jurisdictional totals.

3(l) Special Properties - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Outdoor property	5 023	3 271 180	70	3
Special connecting properties	52	1 600 989	2	0
Construction, demolition, vacant	399	9 102 596	20	0
Watercraft	190	6 802 683	22	0
Rail, transport vehicle and equipment	100	937 766	0	1
Ground transport vehicle	17 580	73 398 692	149	14
Aircraft	12	123 444	0	0
Special vehicle	1 017	15 750 093	5	0
Pier, wharf	409	1 197 955	2	0
Total	24 782	112 185 398	270	18

Percentages used in this table relate to jurisdictional totals.

3(m) Farm Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	209	3.09	1 909 152	1.95
British Columbia	61	0.80	3 755 579	2.27
Manitoba	172	3.09	3 338 442	6.38
New Brunswick	18	0.78	570 776	2.43
Newfoundland	n/a	n/a	n/a	n/a
Nova Scotia	38	1.43	1 218 602	3.96
Ontario	404	1.82	27 378 369	7.01
Prince Edward Island	25	3.34	202 658	3.56
Quebec	188	1.37	13 830 721	3.56
Saskatchewan	330	12.98	5 491 704	12.53
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	9	2.35	28 200	0.38
Federal Properties	0	0.00	0	0.00
Total	1 454	2.20	57 724 203	4.65

Percentages used in this table relate to jurisdictional totals.

3(n) Miscellaneous Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	247	3.65	1 029 531	1.05
British Columbia	171	2.23	2 704 324	1.64
Manitoba	135	2.43	1 890 262	3.61
New Brunswick	43	1.86	230 401	0.98
Newfoundland*	616	100.0	23 240 717	100.0
Nova Scotia	68	2.55	463 445	1.51
Ontario	606	2.72	8 938 818	2.29
Prince Edward Island	7	0.94	401 755	7.05
Quebec	419	3.05	15 237 101	3.92
Saskatchewan	19	0.75	798 165	1.82
Northwest Territories	4	2.27	34 800	0.48
Yukon	9	3.42	61 970	3.22
National Defence	22	11.28	138 484	4.79
Indian Reserves	16	4.18	37 050	0.50
Federal Properties	14	10.37	60 715	10.78
Total	2 396	3.63	55 267 538	4.45

Percentages used in this table relate to jurisdictional totals.

* 1992 total losses for Newfoundland have been included in this table.

Section IV

Table 4 - Arson and Attempted Arson

Jurisdiction	Offences Cleared			Persons Charged						
	Suspected or Known Incendiary	Unfounded	Actual Number	By Charge	Otherwise	Male Adults	Female Adults	Male Young Offenders	Female Young Offenders	Not Charged
Total	0	0	0	0	0	0	0	0	0	0

Source: Canadian Centre for Justice Statistics - Statistics Canada

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)	816	11 384 987	5	11	0	3	0	0	2	0	0	0
Cooking equipment	8 174	72 909 188	88	419	291	116	16	0	14	16	5	0
Heating equipment	6 388	100 295 025	84	108	39	25	3	0	22	1	6	0
Appliances and equipment	2 263	31 604 832	22	31	17	13	0	0	1	2	0	0
Electrical distribution equipment	6 189	151 641 979	135	94	27	12	5	0	7	11	5	0
Other electrical equipment	1 340	25 925 155	23	27	8	4	1	0	4	1	1	0
Smoker's material and "open flame":												
Smoker's material	3 175	36 566 995	79	153	100	45	5	0	47	11	10	0
Match, lighter (not used with smoking), lamp, candle, taper	3 632	56 883 252	82	110	74	74	2	1	26	6	30	0
Cutting torch, welding equipment, varied torches	874	25 879 245	26	38	1	6	6	0	3	0	0	0
Hot ashes, embers (non-smoking material)	520	6 782 339	13	4	0	0	0	0	1	1	0	0
Smoker's material or "open flame", unclassified	4 823	78 580 468	85	102	45	16	0	0	15	7	8	0
Exposure	1 826	18 032 059	3	8	3	5	0	2	1	0	0	0
Miscellaneous	12 093	127 583 946	102	119	24	13	7	0	17	5	3	0
Undetermined	13 270	474 079 813	474	235	102	50	13	1	56	15	20	0
Total	65 383	1 218 149 283	1 221	1 459	731	382	58	4	216	76	88	0

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

Figure 3 - Source of Ignition

Summary 1992

Section VI

Table 6 - Fire Deaths and Injuries

Table 6(a) - Fire Deaths, 1992 and 10-Year Summary

Jurisdiction	1992						10-Year Average		
	Firefighters	Men	Women	Children	Unclassified	Total	Fire Death Rate *	Average Number of Deaths	Fire Death Rate *
Alberta	1	15	3	6	0	25	0.94	53	2.17
British Columbia	0	21	9	17	0	47	1.34	59	1.95
Manitoba	0	11	4	2	0	17	1.52	31	2.82
New Brunswick	0	9	3	2	0	14	1.86	20	2.82
Newfoundland	0	0	0	0	17	17	2.97	16	3.05
Nova Scotia	0	15	4	8	0	27	2.91	26	2.98
Ontario	1	76	16	24	0	117	1.15	154	1.65
Prince Edward Island	0	2	1	2	0	5	3.79	5	4.20
Quebec	2	40	30	13	0	85	1.23	102	1.53
Saskatchewan	0	13	2	4	0	19	1.88	23	2.31
Northwest Territories	0	2	0	2	0	4	6.94	6	10.45
Yukon	0	0	0	0	0	0	0.00	2	5.99
National Defence	0	0	0	1	0	1	0.93	2	0.89
Indian Reserves	0	12	4	7	0	23	7.83	28	7.41
Federal Properties	0	0	0	0	0	0	0.00	0	0.06
Total	4	216	76	88	17	401	1.41	527	1.99

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

Table 6(b) - Fire Injuries, 1992 and 10-Year Summary

Jurisdiction	1992						10-Year Average		
	Firefighters	Men	Women	Children	Unclassified	Total	Fire Injury Rate *	Average Number of Injuries	Fire Injury Rate *
Alberta	86	131	65	141	25	448	16.83	429	17.63
British Columbia	139	194	67	48	31	479	13.63	407	13.37
Manitoba	67	89	61	22	0	239	21.35	266	24.47
New Brunswick	25	32	26	13	0	96	12.74	43	6.01
Newfoundland	0	0	0	0	23	23	4.02	233	4.14
Nova Scotia	30	20	14	8	0	72	7.76	77	8.71
Ontario	638	600	349	96	0	1 683	16.48	1 902	20.26
Prince Edward Island	0	0	0	0	0	0	0.00	n/a	0.52
Quebec	222	313	115	27	0	677	9.81	585	8.79
Saskatchewan	10	34	20	14	2	80	7.94	79	7.90
Northwest Territories	3	9	7	4	0	23	39.90	14	26.17
Yukon	1	5	2	0	0	8	26.58	4	14.93
National Defence	0	9	3	5	0	17	15.81	15	8.94
Indian Reserves	0	17	2	4	0	23	7.83	20	7.06
Federal Properties	0	6	0	0	0	6	2.55	7	2.65
Total	1 221	1 459	731	382	79	3 874	13.58	4 081	15.40

* 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	7 546	185 645 262	238	118	62	17	0	1	26	9	2	0
Other set fires	4 485	59 188 426	66	36	9	17	1	0	4	0	5	0
Misuse of source of ignition:												
Smoker's material	1 349	18 746 931	12	63	51	28	5	0	26	7	9	0
Child playing with	1 273	14 745 241	34	39	35	52	2	0	4	0	23	0
Welding, cutting, thawing	418	13 284 635	12	17	1	5	1	0	3	0	0	0
Unclassified	5 052	68 193 403	90	186	95	30	0	2	22	13	8	0
Misuse of material ignited	2 731	43 196 524	53	193	101	70	12	0	21	4	3	0
Mechanical, electrical failure, malfunction	15 378	216 883 873	201	182	63	42	15	0	8	10	8	0
Construction, design or installation deficiency	2 100	38 016 426	37	27	8	6	2	0	9	2	1	0
Misuse of equipment	1 308	15 646 228	6	34	24	3	1	0	2	2	1	0
Human failing:												
Asleep	108	1 135 217	0	12	1	0	1	0	1	0	0	0
Suspected impairment by alcohol, drugs, medication	100	1 793 640	2	19	6	3	2	0	7	2	0	0
Miscellaneous	7 850	101 321 816	108	307	180	63	8	0	15	8	5	0
Vehicle accident	964	8 188 413	5	5	4	3	1	0	5	0	0	0
Miscellaneous	14 721	432 163 248	357	221	91	43	7	1	63	19	23	0
Total	65 383	1 218 149 283	1 221	1 459	731	382	58	4	216	76	88	0

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

Figure 4 - Act or Omission Causing Fire

Summary 1992

Section VIII

Table 8 - Losses of \$500 000 and over

Table 8(a) Alberta

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Canmore	91.01.05	Residential Electrical short	3 064 594	1	0	
Edmonton	91.01.09	Industrial manufacturing property	Torch too close to	1 000 000	0	
MD #77	91.01.16	Assembly Act or omission unknown	1 886 692	0	0	
Rycroft	91.02.02	Storage properties	Part failure, leak, break	507 917	0	
Edmonton	91.03.27	Business & personal service	Arson: to cover other crime	537 300	0	
Jasper	91.03.29	Special property - transportation equipment	Vehicle accident: unknown	2 008 619	0	
MD #44	91.03.31	Miscellaneous properties	Fuel spilled accidentally	650 635	0	
ID #9	91.04.04	Mercantile Electrical short	1 002 000	0	0	
ID #18	91.04.05	Special property - transportation equipment	Fuel spilled accidentally	900 000	0	
Edmonton	91.04.09	Miscellaneous properties	Unknown	750 000	0	
CTY #9	91.04.09	Miscellaneous properties	Electrical short	1 650 000	0	
Calgary	91.04.10	Storage properties	Vandalism/mischief - no charges	1 648 330	3	
Calgary	91.04.11	Residential Installed too close to combustible	1 067 076	0	0	
Edmonton	91.04.22	Mercantile Mechanical/electrical failure/malfunction	570 000	0	0	
Edmonton	91.05.05	Storage properties	Vandalism/mischief - no charges	510 000	0	
Calgary	91.07.13	Industrial manufacturing property	Suspected arson	5 500 000	0	
Fort Saskatchewan	91.07.20	Mercantile	Mechanical part failure/leak/break	600 396	0	
CTY #9	91.08.05	Special property - transportation equipment	Vehicle accident: unknown	5 100 000	0	
Calgary	91.08.22	Residential Human failing: unclassified	516 863	1	0	
Calgary	91.08.23	Industrial manufacturing property	Ignorance of hazard	500 000	0	
Falher	91.10.15	Residential Suspected arson	590 000	1	0	
Picture Butte	91.10.17	Industrial manufacturing property	Act or omission unknown	1 163 771	0	
Sedgewick	91.10.31	Special property - transportation equipment	Act or omission unknown	750 572	0	
ID #18	91.11.05	Special property - transportation equipment	Vehicle accident: unknown	3 300 000	0	
ID #18	91.11.15	Business & personal service	Act or omission unknown	875 000	0	

Table 8(b) British Columbia

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Surrey	91.01.06	Heavy machine and equipment storage	Act or omission unknown	993 963	0	
Richmond	91.01.09	High school Arson or set fire - motive unknown	700 000	0	0	
Whistler	91.01.18	Miscellaneous mercantile	Act or omission unknown	895 000	0	
Whistler	91.01.18	Miscellaneous mercantile	Act or omission unknown	1 316 508	0	

Table 8(b) British Columbia (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Comox	91.01.31	Tavern	Act or omission unknown	700 000	0	0
Fort Nelson Rural		91.02.02	Wood products storage	Part failure, leak, break	730 000	6
Penticton	91.02.11	Hotel, inn, lodge	Arson or set fire - motive unknown	1 700 000	0	0
Prince George	91.02.13	Miscellaneous manufacturing	Ignorance of hazard	978 048	0	
Peace River-Liard Rural		91.02.22	Motor vehicle repairs	Act or omission unknown	709 177	0
Vancouver	91.02.26	Dwelling, year-round use (single-family)	Act or omission unknown	500 000	0	
Prince Rupert	91.03.14	Apartment, townhouse: 3-20 units, with business	Act or omission unknown	694 014	0	
Maple Ridge	91.03.20	Sawmill, planing mill	Act or omission unknown	1 630 027	2	
Vancouver	91.04.05	Apartment, townhouse: over 20 units	Act or omission unknown	560 000	0	
Vancouver	91.04.06	Sporting goods sales, bicycle sales & repair	Arson or set fire - mental disorder	1 065 662	1	
Vancouver	91.04.15	Professional supply sales	Act or omission unknown	1 036 221	3	
Vanderhoof	91.04.23	Sawmill, planing mill	Accident	4 600 000	0	
Vancouver	91.04.27	Dry goods store	Suspected set fire - motive unknown	540 167	0	0
Summerland	91.04.30	Wood, cane, and small wares manufacturing	Act or omission unknown	1 173 185	0	
Prince George	91.05.10	Truck, general	Act or omission unclassified	755 000	0	0
Prince George	91.05.18	Recreation, hobby supplies	Act or omission unknown	780 000	0	
Fraser-Fort George Rural		91.05.29	Fences, poles, railroad ties	Act or omission unknown	2 000 000	0
Prince George	91.06.01	General warehouse	Suspected set fire - motive unknown	1 500 000	0	
Cranbrook	91.06.15	Furniture repair or upholstery, without sales	Act or omission unknown	615 250	0	
Vancouver	91.06.16	General warehouse	Suspected set fire - motive unknown	1 207 500	0	
Burnaby	91.06.19	Restaurant	Arson or set fire - motive unknown	765 121	1	0
Vancouver	91.07.07	Pier, wharf	Act or omission unknown	5 665 000	0	0
Burnaby	91.07.13	Reformatory, juvenile detention home	Arson or set fire - motive unknown	500 000	0	
Bulkely-Nechako Rural		91.07.21	Agricultural supply storage	Arson or set fire - motive unknown	1 200 000	0
Gold River	91.07.22	Paper, pulp, paperboard manufacture	Arson or set fire - financial gain	2 000 000	0	
Golden	91.07.27	Sawmill, planing mill	Act or omission unclassified	2 000 000	0	
Pitt Meadows	91.08.08	Food processing	Arson or set fire - cover-up crime	819 300	0	0
Vernon	91.08.12	General warehouse	Suspected set fire - motive unknown	793 085	0	
Bulkely-Nechako Rural		91.08.22	Metal ore mine	Mechanical or electrical failure	1 500 000	0
Lillooet	91.08.31	Furniture store	Automobile accident	1 000 000	0	0
Whistler	91.09.02	Dwelling, year-round use (single-family)	Misuse of material ignited	1 000 000	0	
Campbell River	91.09.08	Aircraft, private	Aircraft accident	1 000 000	0	0
Vancouver	91.09.09	Newspaper, magazine, printing and publishing	Act or omission unknown	650 000	0	
Matsqui	91.09.22	Plastic products manufacture	Suspected set fire - motive unknown	775 000	2	
Kamloops	91.09.24	General warehouse	Arson or set fire - revenge, spite	902 237	0	

Smithers	91.09.29	Hotel, inn, lodge: year-round use	Misuse of material ignited	850 000	0
Enderby	91.10.04	Sawmill, planing mill	Human failing	500 000	0
Surrey	91.10.12	Miscellaneous mercantile	Suspected set fire - motive unknown	1 000 000	0
Vancouver	91.10.23	Telephone exchange	Act or omission unknown	800 000	1
Vancouver	91.10.24	Packaged foodstuffs storage	Suspected set fire - motive unknown	955 800	0
Grand Forks	91.10.28	Hotel, inn, lodge: year-round use	Act or omission unknown	950 000	0
Port Coquitlam	91.11.01	Motor vehicle repairs	Fuel spilled accidentally	1 334 386	0
Penticton Rural	91.11.14	Bridge, trestle, overpass, elevated railway	Act or omission unknown	500 000	0

Table 8(b) British Columbia (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries
Richmond	91.12.08	General business office	Arson or set fire - financial gain	1 543 000	0
Fort Nelson Rural		91.12.21 Sawmill, planing mill	Act or omission unclassified	1 500 000	0
Central Kootenay Rural		91.12.30 Hotel, inn, lodge: seasonal use	Act or omission unknown	800 000	2

Table 8(c) Manitoba

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries
Winnipeg	91.01.04	Industrial manufacturing	Undetermined/accidental	600 000	6
Winnipeg	91.01.14	Restaurant Incendiary	542 651	0	0
Winnipeg	91.01.20	Office building Undetermined/accidental	500 515	0	0
Birch River	91.02.25	Motel Accidental	500 000	0	0
Winnipeg	91.03.29	Apartment Undetermined/accidental	505 000	0	0
Niverville	91.05.01	Industrial storage	Undetermined/accidental	1 230 000	0
Winnipeg	91.05.07	Office building Undetermined/accidental	734 150	0	0
Winnipeg	91.05.23	Industrial manufacturing	Undetermined/accidental	650 000	0
Winnipeg	91.06.13	Industrial manufacturing	Accidental	500 000	0
L.G.D. Grahamdale		91.08.16 Transient dormitory	Undetermined/accidental	600 000	0
Winnipeg	91.09.13	Industrial manufacturing	Accidental	500 000	0
L.G.D. Reynolds		91.11.30 Recreation centre	Incendiary	550 000	0
R.M. Morris	91.12.25	Hog barn Undetermined/accidental	800 000	0	0
R.M. Roland	91.12.29	Hog barn Undetermined/accidental	950 000	0	0

Table 8(d) New Brunswick

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

Table 8(e) Newfoundland

<u>Location</u>	<u>Date</u>	<u>Property/Classification</u>	<u>Act or Omission</u>	<u>Dollar Loss</u>	<u>Injuries</u>	<u>De</u>
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None

Table 8(f) Nova Scotia

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

Table 8(g) Ontario

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Etobicoke City	91.01.04	Restaurant	Undetermined	500 000	0	1
Etobicoke City	91.01.04	Restaurant	Undetermined	500 000	0	0
Scarborough City		91.01.04	Church	Undetermined	1 200 000	0
Thessalon Tn.	91.01.04	Marina, marine service station	Mechanical/electrical failure	1 500 000	0	
Thunder Bay City		91.01.06	Tavern, beer parlour, beverage room	Arson	600 000	6
Dysart Guilfd Harburn etc.		91.01.07	Manufacturing/processing: primary processing	Arson	4 000 000	0
Toronto City	91.01.09	Residential: multi-unit dwelling-over 12 units	Mechanical/electrical failure	697 498	1	
Hallowell Twp.	91.01.10	Motor vehicle repair garage	Misuse of igniting object	500 000	0	
North York City		91.01.11	Residential: detached dwelling	Misuse of equipment	1 100 000	2
Mississauga City		91.01.22	Commercial	Undetermined	750 000	0
Waterloo City	91.01.23	Bus terminal	Installation deficiency	800 000	0	0
Ottawa City	91.01.26	Tavern, beer parlour, beverage room	Arson	2 000 000	0	
Toronto City	91.01.27	Manufacturing/processing: other textile goods	Undetermined	605 000	5	
Huntsville Tn.	91.02.02	Bank	Arson	1 000 000	0	0
Elora Vil.	91.02.03	Residential: single family dwelling with business	Accidental	500 000	2	
Markham Tn.	91.02.08	Residential: multi-unit dwelling - 2 to 6 units	Misuse of equipment	500 000	0	
Mersea Twp.	91.02.08	Warehousing and storage: metal products	Arson	700 000	0	
Niagara-On-The Lake Tn.		91.02.14	Manufacturing/processing	Undetermined	2 500 000	0
Field Twp.	91.02.26	Manufacturing/processing: primary processing	Construction deficiency	1 600 000	0	
Toronto City	91.02.28	Commercial	Vandalism	1 000 000	6	0
Toronto City	91.03.04	Warehousing and storage: general goods	Arson	900 000	3	
Brighton Tn.	91.03.07	Multi-unit dwelling - 2 to 6 units	Misuse of equipment	575 000	0	
Niagara-On-The Lake Tn.		91.03.08	Barn, fowl or animal shelter	Accidental	500 000	0
North York City		91.03.14	Warehousing and storage: vehicle or vehicle parts	Misuse of igniting object	700 000	2
Mono Twp.	91.03.15	School - secondary high or senior high	Undetermined	1 100 000	0	
Keewatin Tn.	91.03.17	Manufacturing/processing: primary processing	Undetermined	850 000	0	
Ottawa City	91.03.26	Multi-unit dwelling - 7 to 12 units	Misuse of igniting object	3 000 000	1	

Shelburne Tn.	91.03.31	Commercial	Undetermined	600 000	0	0
Thunder Bay City		91.04.02	Commercial	Mechanical/electrical failure	1 200 000	0
Hawkesbury E. Twp.		91.04.05	Manufacturing/processing: dairy goods or produce	Undetermined	1 400 000	0
Golden Twp.	91.04.07		Commercial aircraft	Misuse of equipment	500 000	0
Toronto City	91.04.12		Restaurant - licensed	Other	510 000	4
Mersea Twp.	91.04.16		Tractor trailer or truck trailer	Vandalism	803 000	1
Mersea Twp.	91.04.16		Manufacturing/processing: dairy goods or produce	Arson	800 000	0

Table 8(g) Ontario (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Whitchurch Stouffville Tn.		91.04.16 Night club, supper club, etc.	Vandalism	700 000	0	
Elma Twp.	91.04.19	Barn, fowl or animal shelter	Undetermined	500 000	0	
Goderich Tn.	91.04.23	Garage - detached from residence	Accidental	13 800 152	0	
Markham Tn.	91.04.23	Barn, fowl or animal shelter	Other	500 000	0	
Brampton City	91.04.29	Pet shop, animal hospital	Mechanical/electrical failure	500 000	0	
Timmins City	91.05.03	Single family dwelling with business	Arson	1 000 000	3	
Pembroke Twp.	91.05.06	Detached dwelling	Mechanical/electrical failure	750 000	0	
Niagara-On-The Lake Tn.	91.05.07	Warehousing and storage: general goods	Mechanical/electrical failure	1 505 000	0	
Marathon Twp.	91.05.12	Assembly Undetermined	852 000	0	0	
Hornepayne Twp.	91.05.13	Detached dwelling	Arson	690 000	0	
Hamilton City	91.05.14	Warehousing and storage: metal products	Other	662 735	0	
Scarborough City	91.05.19	Convenience store	Vandalism	500 000	1	
Ingersoll Tn	91.06.04	General clothing Undetermined	710 000	0	0	
Ingersoll Tn	91.06.04	Furniture, appliances - general sales	Undetermined	1 400 000	0	
Ingersoll Tn	91.06.04	Furniture, appliances - general sales	Undetermined	1 350 000	0	
Nepean City	91.06.09	Barn, fowl, animal shelter	Undetermined	1 000 000	0	
Sudbury District	91.06.11	91.06.11 Tavern, beer parlour, beverage room	Undetermined	812 800	0	
Windsor City	91.06.11	Motor vehicle parts & accessory sales	Undetermined	1 000 000	0	
Oshawa City	91.06.22	Other speciality sales/service	Accidental	500 000	0	
Sturgeon Falls Tn.	91.06.25	91.06.25 Motor vehicle parts & accessory sales	Arson	600 000	0	
Caledon Tn.	91.06.26	Motor vehicle repair garage	Accidental	900 000	2	
London City	91.07.14	Restaurant - licensed	Undetermined	1 000 000	3	
St Thomas City	91.07.14	Lumber yard Undetermined	2 100 000	1	0	
Newcastle Tn.	91.07.15	Single family dwelling with business	Undetermined	1 000 000	0	
Michipicoten Twp.	91.07.18	91.07.18 Building supply	Undetermined	500 000	0	
Osgoode Twp.	91.08.03	Detached dwelling	Mechanical/electrical failure	600 000	0	
Oshawa City	91.08.14	Church Vandalism	750 000	0	0	
London City	91.08.27	Warehousing and storage: general goods	Undetermined	1 500 000	3	
Kincardine Tn.	91.09.01	Multi-unit dwelling - over 12 units	Arson	2 750 000	0	
Sudbury City	91.09.22	Multi-unit dwelling - 2 to 6 units	Arson	500 000	0	
Ajax Tn.	91.09.23	Commercial Arson	2 045 000	0	0	
St. Edmunds Twp.	91.09.27	91.09.27 Semi-detached dwelling	Undetermined	2 500 000	0	
North York City	91.10.13	91.10.13 Other speciality sales/service	Arson	1 200 000	0	
Oakville Tn.	91.10.13	Department store	Mechanical/electrical failure	750 000	0	
Grimsby Tn.	91.10.16	Detached dwelling	Undetermined	700 000	0	

Toronto City	91.10.16	Hotel, inn, lodge - licensed	Undetermined	1 000 000	5
Woolwich Twp.	91.10.27	Barn, fowl or animal shelter	Mechanical/electrical failure	575 000	0
Colchester South Twp.	91.10.29	Manufacturing/processing: plastics	Undetermined	1 500 000	0
Thunder Bay City	91.10.30	Single family dwelling with business	Vandalism	650 000	0
Toronto City	91.10.31	Furniture, appliances	Other	1 198 500	5
Bracebridge Tn.	91.11.02	Single family dwelling with business	Undetermined	1 000 000	0
North York City	91.11.02	Detached dwelling	Undetermined	500 000	6
Bosanquet Twp.	91.11.04	Manufacturing/processing: dairy goods or produce	Mechanical/electrical failure	1 000 000	0

Table 8(g) Ontario (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Flos Twp.	91.11.09	Single family dwelling with business	Undetermined	550 000	0	
Windsor City	91.11.14	Hotel, inn, lodge	Arson	600 000	0	
Toronto City	91.11.17	Multi-unit dwelling-over 12 units	Undetermined	550 000	9	
Lindsay Tn.	91.11.25	Tavern, beer parlour, beverage room	Undetermined	1 120 500	0	
Port Colborne City	91.11.25	Primary metal processing	Accidental	900 000	0	
West Carleton Twp.	91.12.07	Grain products or bakery goods processing	Undetermined	750 000	0	
Maryborough Twp.	91.12.11	Meat,poultry or fish products processing	Undetermined	1 000 000	0	
Bexley Twp.	91.12.13	Restaurant - licenced	Undetermined	750 000	0	
Mara Twp.	91.12.16	Marina, marine service station	Undetermined	2 250 000	0	
Nepean City	91.12.24	Detached dwelling	Undetermined	500 000	0	
Sudbury City	91.12.25	Printing or publishing	Arson	2 000 000	0	

Table 8(h) Prince Edward Island

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
St. Eleanors	91.12.27	Motor Vehicle Accessory Sales	Mechanical/electrical failure/malfunction - unclassified	529 958	0	

Table 8(i) Quebec

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Grand-Mere	91.01.01	Other Not reported	2 000 000	0	0	
Outremont	91.01.01	One or two family dwelling	Not reported	525 000	0	
Salaberry-de-Valleyfield	91.01.03	Other	Not reported	1 321 550	0	
Cookshire	91.01.11	Processing, metals, appliances	Not reported	8 000 000	0	
Saint-Ange-Gardien	91.01.11	Processing, food products	Not reported	500 000	0	
Montreal	91.01.18	Other Not reported	750 000	0	0	
Montreal	91.01.24	Processing, food products	Not reported	1 350 412	0	
Val-Morin	91.01.30	Secondary dwelling, cottage	Not reported	837 200	2	
Cloridorme	91.01.31	Processing, food products	Not reported	1 328 001	0	
Mont-Carmel	91.01.31	Processing, wood, paper, printing	Not reported	1 289 772	0	

Mont-Carmel	91.01.31	Processing, wood, paper, printing	Not reported	1 450 000	0
Saint-Laurent	91.02.14	Warehousing, appliances, machinery	Not reported	510 000	1
Saint-Laurent	91.02.14	Special vehicle	Not reported	0	0
Montreal	91.03.03	Apartment building	569 369	725 000	0
Bernieres	91.03.05	Warehousing, vehicles, all types	Not reported	1 000 000	0
Val-D'or	91.03.05	Processing, wood, paper, printing	Not reported	1 000 000	0
Montreal	91.03.11	Apartment building	Not reported	750 000	1
Donnacona	91.03.12	One or two family dwelling	Not reported	1 520 943	0

Table 8(i) Quebec (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Montreal	91.03.19	Grocery store Not reported	505 444	0	0	
Umiujaq	91.03.23	Commercial, unclassified	Not reported	870 000	0	
Rougemont	91.03.27	Warehousing, agricultural products	Not reported	812 247	0	
Maniwaki	91.03.28	Furniture, appliance store	Not reported	675 000	0	
Louiseville	91.04.01	School Not reported	520 000	0	0	
Montreal	91.04.01	Processing, metals, appliances	Not reported	1 300 000	2	
L'Assomption	91.04.05	Processing, wood, paper, printing	Not reported	2 941 000	0	
L'Assomption	91.04.05	Processing, chemicals manufacturing, petroleum	Not reported	2 427 600	0	
Saint-Hyacinthe		91.04.05 Grocery store	Not reported	500 000	0	
Longueuil	91.04.09	Restaurant, tavern	Not reported	601 500	0	
Val-Joli	91.04.16	Processing, metals, appliances	Not reported	500 000	0	
Jonquiere	91.04.21	Furniture, appliance store	Not reported	530 250	0	
Lasalle	91.04.27	Clothing store Not reported	1 000 000	0	0	
Montreal-Nord	91.05.07	Processing, vehicle accessories	Not reported	545 000	0	
L'Assomption	91.05.13	Processing, vehicle accessories	Not reported	570 000	0	
Outremont	91.05.17	Processing, textiles	Not reported	2 092 263	0	
Saint-Pascal	91.05.21	Other Not reported	1 465 200	1	0	
Saint-Laurent	91.05.22	Hotel, inn Not reported	1 600 000	1	0	
Vaudreuil	91.05.25	Processing, wood, paper, printing	Not reported	1 207 074	0	
Saint-Leonard	91.06.02	Processing, chemicals manufacturing, petroleum	Not reported	505 324	0	
Saint-Leonard	91.06.02	Processing, wood, paper, printing	Not reported	900 000	4	
Saint-Charles-sur-Richelieu		91.06.08 Bridge, wharf	Not reported	3 369 525	0	
Montreal	91.06.16	Warehousing, textiles, clothing	Not reported	736 358	0	
Sainte-Foy	91.06.16	Warehousing, food products, tobacco	Not reported	700 000	0	
Longueuil	91.06.21	Other Not reported	822 977	0	0	
Beauport	91.06.22	Apartment building	Not reported	631 492	0	
Beauport	91.06.22	Apartment building	Not reported	815 000	0	
Chicoutimi	91.07.01	Furniture, appliance store	Not reported	660 000	0	
Stoneham-et-Tewkesbury		91.07.21 Warehousing, vehicles, all types	Not reported	2 640 000	0	
Saint-Timothée	91.07.27	Other Not reported	4 000 000	0	0	
Rimouski	91.08.02	Other Not reported	1 950 000	0	0	
Beauport	91.08.06	Grocery store Not reported	784 040	0	0	
Beauport	91.08.07	Restaurant, tavern	Not reported	1 000 000	0	
Bristol	91.08.09	Office building Not reported	1 011 132	0	0	
Baie-James	91.08.14	Other Not reported	1 500 000	0	0	

Pintendre	91.08.17	Farm building or products	Not reported	618 000	0
Salaberry-de-Valleyfield		91.09.03 Processing, chemicals manufacturing, petroleum	Not reported	838 440	0
Sainte-Foy	91.09.19	Car dealer Not reported	575 000	0	0
Montreal	91.09.21	Apartment building	Not reported	1 200 000	0
Saint-Philippe	91.09.22	Farm building or products	Not reported	650 000	0
Sainte-Julie	91.09.29	Other Not reported	2 000 000	0	0
Charlesbourg	91.09.30	Church Not reported	2 300 000	0	0
Rosemere	91.10.07	One or two family dwelling	Not reported	500 000	0

Table 8(i) Quebec (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Saint-Lambert	91.10.07	Grocery store Not reported	1 650 000	0	0	
Montreal	91.10.13	One or two family dwelling	Not reported	578 453	0	
Verdun	91.10.21	Other Not reported	700 000	0	0	
Verdun	91.10.21	Other Not reported	500 000	0	0	
Shawinigan	91.10.27	Restaurant, tavern	Not reported	596 580	0	
Shawinigan	91.10.27	Restaurant, tavern	Not reported	778 000	0	
Shawinigan	91.10.27	Restaurant, tavern	Not reported	750 000	0	
Montreal	91.11.01	Warehousing, food products, tobacco	Not reported	1 700 000	0	
Sainte-Marcelline-de-Kildare	91.11.03	One or two family dwelling	Not reported	850 000	0	
Sherbrooke	91.11.04	Restaurant, tavern	Not reported	500 000	0	
Trois-Rivieres	91.11.13	Other Not reported	5 749 000	0	0	
Laval	91.11.14	Warehousing, wood, paper	Not reported	600 000	0	
Terrebonne	91.11.23	Car dealer Not reported	750 000	0	0	
Drummondville	91.11.29	Warehousing, chemical products, plastics	Not reported	500 000	0	
Hull	91.12.01	Restaurant, tavern	Not reported	1 012 000	0	
Levis	91.12.09	Boat Not reported	500 000	0	0	
Sainte-Foy	91.12.12	Grocery store Not reported	650 000	0	0	
Saint-Leonard	91.12.18	Warehousing, appliances, machinery	Not reported	514 360	0	
Terrebonne	91.12.19	Grocery store Not reported	500 000	0	0	
Dorval	91.12.20	Processing, textiles	Not reported	1 566 500	0	
Chicoutimi	91.12.21	Restaurant, tavern	Not reported	625 000	0	
Montreal	91.12.21	Clothing store Not reported	692 331	0	0	
Dorval	91.12.24	Other Not reported	2 304 800	0	0	
Maniwaki	91.12.24	Furniture, appliance store	Not reported	850 000	0	
La Pocatiere	91.12.27	Secondary dwelling, cottage	Not reported	914 000	0	
Roxton Pond	91.12.31	Processing, metals, appliances	Not reported	1 153 448	0	

Table 8(j) Saskatchewan

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	De
Saskatoon	91.04.25	Church Suspicious	1 110 000	1	0	
Regina	91.05.22	Junkyard Suspicious	1 000 000	0	0	
Regina	91.07.07	Motor vehicle/trailer sale	Suspicious	2 372 180	0	

Colonsay	91.08.08	Mining/quarrying	Electrical	500 000	0
North Battleford		91.09.03 Restaurant	Washing, clean, paint	750 000	0
Debden	91.09.04	Grain Elevator Undetermined	1 300 000	0	0
Jan Lake	91.11.03	Aircraft Electrical	1 000 000	0	0
Saskatoon	91.11.05	Mall Suspicious	600 000	1	0
Weyburn	91.11.13	Plastic Products Undetermined	2 000 000	1	0

Table 8(k) Northwest Territories

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries
Inuvik	91.02.06	Garage/office Unknown	943 488	0	0
Jean Marie River		91.05.01 Two bay garage	Unknown	540 000	0
Cape Dorset	91.08.06	Hotel Child playing with lighter	800 000	0	0

Table 8(l) Yukon

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries
Whitehorse	91.01.02	Mercantile Electrical malfunction	1 400 000	0	0

Table 8(m) National Defence

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries
CFB Wainwright		91.04.29 Tented site	Not determined	778 319	1
CFB London	91.07.27	Military stores Smokers material	3 750 000	0	0

Table 8(n) Indian Reserves

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

Table 8(o) Federal Properties

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries
CCGB Kitsilano		91.07.07 Pier, wharf	Part failure, leak, break	7 000 000	0

Appendix

Federal, Provincial and Territorial Fire Marshals and Fire Commissioners

Mr. R. McCullough Fire Commissioner Department of Community Services 1844 Victoria Avenue Regina, Saskatchewan S4P 3T2	Mr. Eric Kieken Fire Marshal Fire Prevention Service Government Of N.W.T. 4916-49th Street Yellowknife, Northwest Territories X1A 2L9	Mr. Jean-Guy Delage Commissaire à la prévention des incendies Direction générale de la sécurité civile 2525 boul. Laurier, 2e étage Tour Laurentides Sainte Foy, Québec G1V 2L2
Mr. R. Dumala, P. Eng. Fire Commissioner Ministry Of Municipal Affairs, Recreation and Culture 800 Johnson Street, 3rd Floor Victoria, British Columbia V8V 1X4	Mr. David Blacquièrè Fire Marshal Dept. Of Municipal Affairs P.O. Box 2000 11 Kent Street Charlottetown, Prince Edward Island C1A 7N8	Mr. T. Makey Fire Commissioner Alberta Labour Room 701, I.B.M. Building 10808 - 99th Ave. Edmonton, Alberta T5K 0G2
Mr. Robert Cormier Fire Marshal Department of Labour P.O. Box 697 5151 Terminal Rd. Halifax, Nova Scotia B3J 2T8	Mr. John R. Matheson Fire Commissioner Department Of Manpower & Labour Room 510, Norquay Bldg. 401 York Avenue Winnipeg, Manitoba R3C 0V8	Mr. B.A. Moyle Fire Marshal Ministry of The Solicitor General 7 Overlea Boulevard, 3rd Floor Toronto, Ontario M4H 1A8
Mr. Fred Hollett A/Fire Commissioner Department Of Municipal and Provincial Affairs Pleasantville Fire Station St. John's, Newfoundland A1C 5T7	Lt. Col. G. Perron Canadian Forces Fire Marshal 101 Colonel By Drive Ottawa, Ontario K1A 0K2	Mr. J. Holesworth Fire Marshal Government Of The Yukon 2nd And Hansen Streets P.O. Box 2703 Whitehorse, Yukon Y1A 2C6
Mr. Jim Stith Fire Marshal Department of Municipal Affairs	Mr. T.J. Dunfield, P.Eng. Fire Commissioner of Canada Human Resources Development Canada	

P.O. Box 6000
364 Argyle Street
Fredericton, New Brunswick
E3B 5H1

165 Hotel de Ville St.
Phase 2, Place du Portage
Ottawa, Ontario
K1A 0J2