

*Association of
Canadian Fire Marshals
and Fire Commissioners*



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

Annual Report 1991



Fire Losses in Canada

August 16, 1993

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

This 1991 Annual Report of Fire Losses in Canada is the seventieth 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) and Statistics Canada. A new addition this year is statistics for Indian Reserve losses supplied from Indian And Northern Affairs Canada (INAC). 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, Statistics Canada and INAC 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 dark ink, appearing to read 'T.J. Dunfield', written in a cursive style.

T.J. Dunfield
Fire Commissioner of Canada

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THE RECORD

In 1991, the fire death total of 388 was a significant decrease (19%) from the 481 recorded in 1990. As was reported last year, the fire death total is in keeping with the general downward trend started in 1981. In fact, the fire death rate is less than half it was 9 years ago, down to 1.39 from 2.93 in 1982.

The total number of fire injuries reported in 1991, 3 476 is a decrease of 7% from that recorded in 1990.

The number of reported fires, 68 150, is a slight increase (0.2%) from the 1990 figure of 68 007.

The property loss figure of \$1 239 716 205 represents an increase of approximately 0.2% from the 1990 dollar figure.

The "Residential" property classification continues to account for the largest number of fires. In 1991, there were 30 484 fires in this category, 45% of the Canadian total. These incidents resulted in 333 deaths (down 14% over last year) or approximately 86% of the nation's fire fatalities. The monetary loss amounted to \$564 million, which is 45% of the total loss.

The property classification showing the second largest number of fires is "Special Properties," where 25 504 fires were reported, accounting for approximately 37% of the overall Canadian total. Vehicle fires accounted for 20 171 incidents or 79% of all fires within this property classification, amounting to a dollar loss of \$109 million. The total dollar loss for the "Special Properties" classification is \$151 million or 12% of the total.

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 12 518 and a dollar loss of \$206 million, "Cooking Equipment" with 8 752 incidents and a loss of \$72 million, and "Electrical Distribution Equipment" with 6 907 incidents and a loss of \$142 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 17 084, a decrease of 2%. The 1991 dollar loss of \$224 million for this category is an decrease of 3% from the previous year. "Arson or Other Set Fires" accounted for 11 044 incidents, an increase of 6% from last year. However, the 1991 dollar loss of \$236 million from "Arson and Other Set Fires" was a decrease of 3% from the 1990 figure of \$244 million.

In summary, from the latest information compiled, the total number of fire deaths decreased significantly from that recorded in 1990, the total number of fires decreased 7% from the previous year, and the dollar loss increased 0.2%. Typically the category of "Residential Properties" remains an area of utmost concern, accounting for 86% of the total number of fire deaths, 45% of the total number of fires, and 45% 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 1982 - 1991

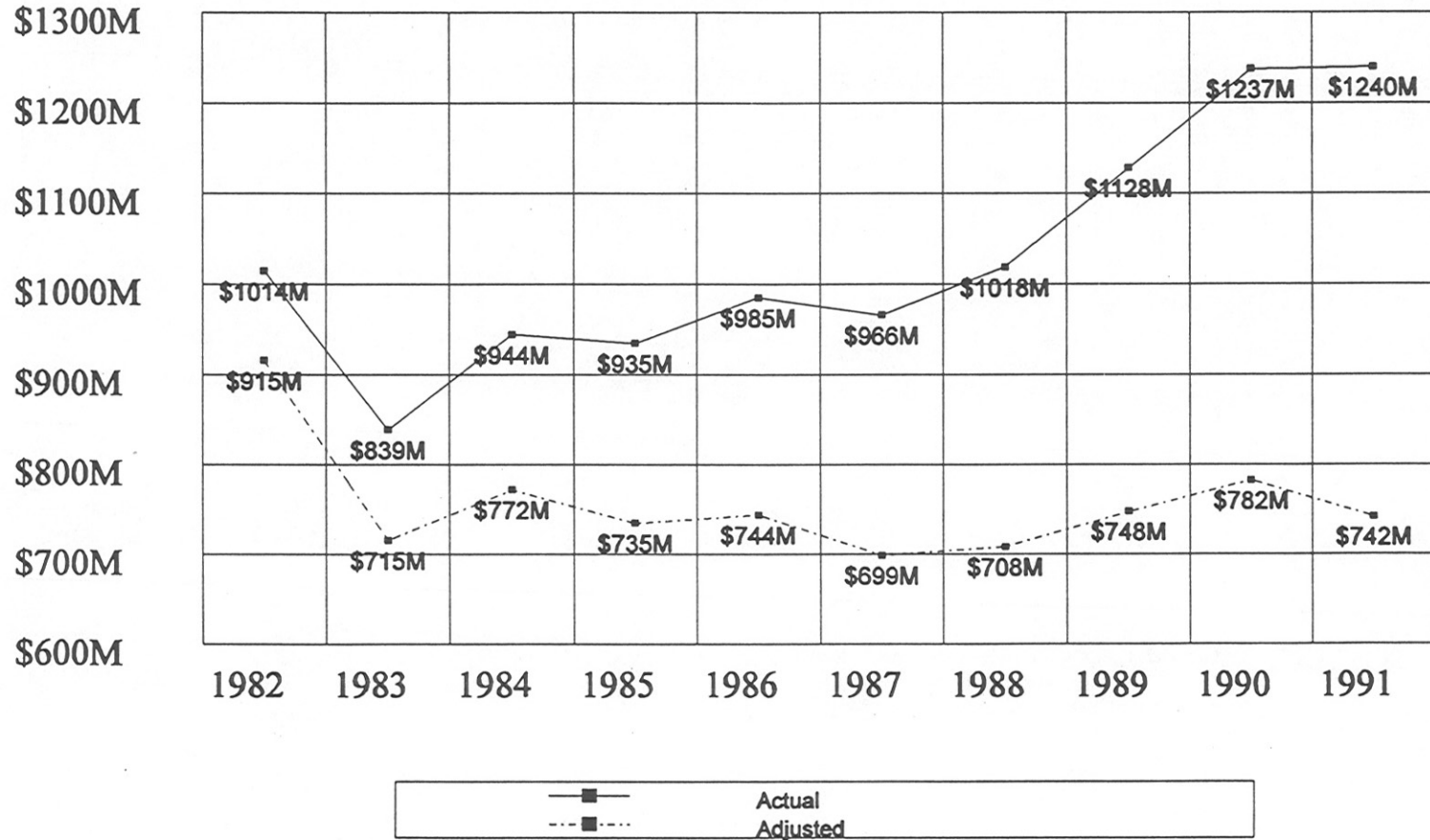
Table 1 - Canada Fire Losses and Fire Deaths

Year	Population	Number of Fires	\$ Loss	Per Capita \$ Loss	Fire Deaths	Fire Death Rate *
1982	24 658 500	77 174	1 014 329 633	41.14	723	2.93
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	388	1.39
10-Year Average		70 066	1 030 528 631	39.46	556	2.13

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

Figure 1 - Canada Fire Losses, Actual and Adjusted

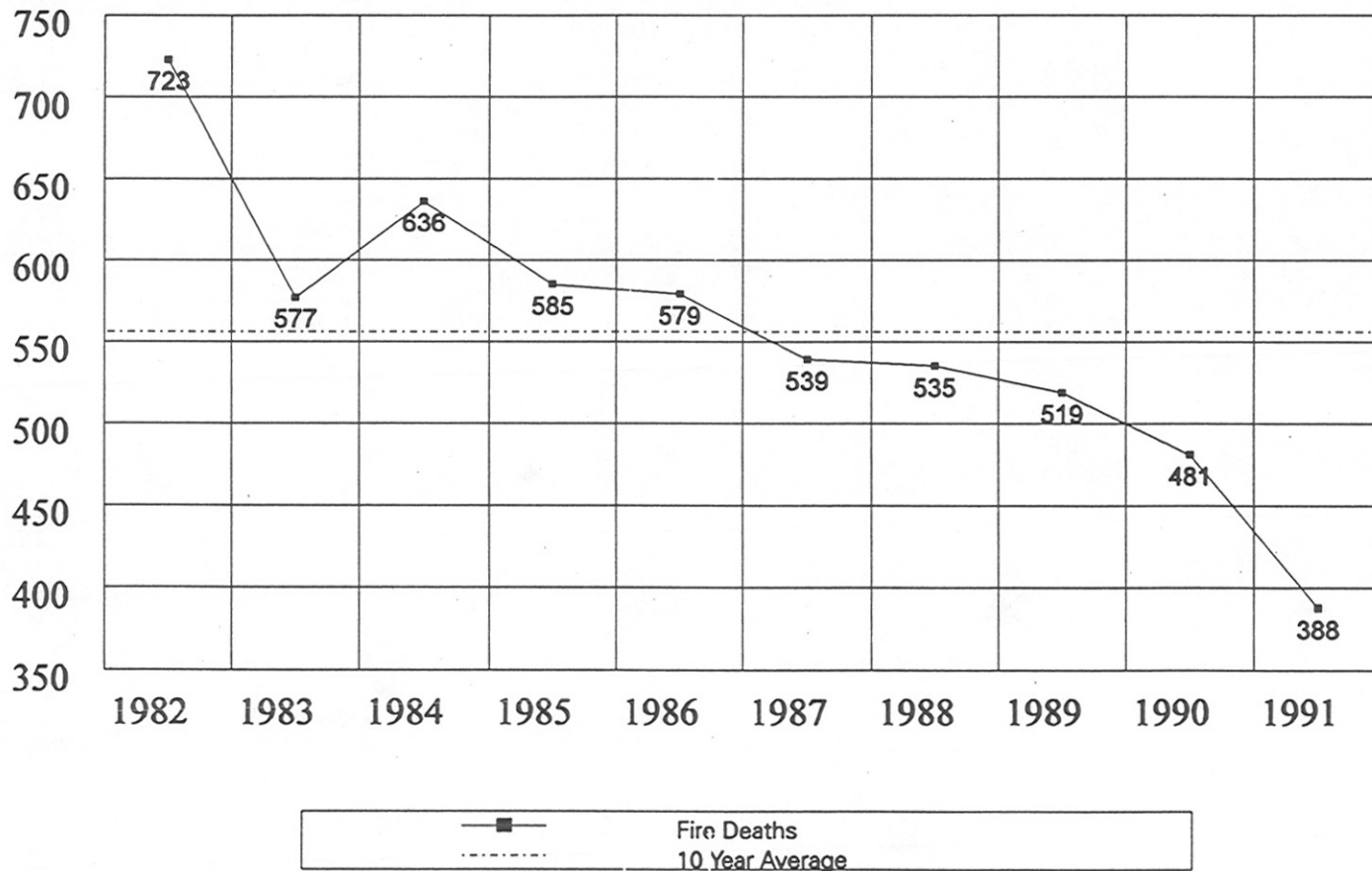
Summary 1982 - 1991



Adjusted to 1981 dollars using the Consumer Price Index, All Commodities

Figure 2 - Canada Fire Deaths and 10-Year Average

Summary 1982 - 1991



Section II

Fire Losses, 1991 and 10-Year Average

Table 2 - Property Losses by Jurisdiction

Jurisdiction	Population 1991	Number of Fires		\$ Loss		Per Capita \$ Loss	
		1991	10-Year Average	1991 \$	10-Year Average	1991 \$	10-Year Average
Alberta	2 545 555	7 678	8 354	112 156 281	124 357 811	44.06	51.87
British Columbia	3 282 060	7 671	7 598	174 991 021	140 391 942	53.32	47.12
Manitoba	1 091 945	5 085	6 184	48 502 816	49 288 326	44.42	45.41
New Brunswick	723 900	2 023	1 844	16 098 661	17 049 936	22.24	23.93
Newfoundland	568 475	689	846	22 867 595	17 666 091	40.23	31.35
Nova Scotia	899 945	2 472	2 495	31 768 838	24 359 555	35.30	27.74
Ontario	10 084 885	23 129	23 465	383 083 821	288 355 761	37.99	30.80
Prince Edward Island	129 765	838	779	5 308 316	4 566 874	40.91	36.14
Quebec	6 895 965	14 485	14 492	373 562 387	304 002 673	54.17	45.81
Saskatchewan	988 930	2 929	2 908	38 707 867	34 732 955	39.14	34.67
Northwest Territories	57 650	212	173	7 312 728	5 851 785	126.85	114.33
Yukon	27 800	275	194	3 156 832	1 782 020	113.56	69.24
National Defence	110 183	202	204	6 194 622	3 148 446	56.22	16.34
Indian Reserves	283 406	356	329	8 377 944	9 587 794	29.56	6.34
Federal Properties	217 818	106	202	7 626 476	5 386 662	35.01	13.15
Summary	27 908 282	68 150	70 067	1 239 716 205	1 030 528 631	772.98	594.24

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	30 484	44.73	563 958 106	45.49	2 530	72.78	333	85.82
Assembly	2 116	3.10	77 828 425	6.28	108	3.11	6	1.55
Institutional	567	0.83	4 618 388	0.37	53	1.52	9	2.32
Business and personal service	617	0.91	22 057 686	1.78	28	0.81	0	0.00
Mercantile	2 106	3.09	129 366 677	10.44	154	4.43	2	0.52
Industrial manufacturing	1 499	2.20	137 062 441	11.06	119	3.42	2	0.52
Storage	1 820	2.67	71 287 810	5.75	99	2.85	3	0.77
Special	25 504	37.42	150 574 486	12.15	265	7.62	26	6.70
Farm	1 489	2.18	55 518 513	4.48	23	0.66	2	0.52
Miscellaneous	1 948	2.86	27 443 673	2.21	97	2.79	5	1.29
Total	68 150	100.00	1 239 716 205	100.00	3 476	100.00	388	100.00

3(a) Residential Occupancies

Jurisdiction	1991				10-Year Average 1982 - 1991			
	Number of Fires	% of Total	\$ Loss	% of Total	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	2 153	28.04	38 809 187	34.60	2 554	30.57	35 199 623	28.31
British Columbia	3 041	39.64	67 949 261	38.83	3 316	43.64	61 129 744	43.54
Manitoba	1 719	33.81	24 289 952	50.08	2 084	33.70	20 107 021	40.79
New Brunswick	1 331	65.79	12 066 837	74.96	1 133	61.44	10 543 858	61.84
Newfoundland	355	51.52	9 989 710	43.69	484	57.21	7 766 213	43.96
Nova Scotia	1 498	60.60	17 648 275	55.55	1 573	63.05	11 935 732	49.00
Ontario	10 809	46.73	195 011 835	50.91	11 142	47.48	127 619 882	44.26
Prince Edward Island	593	70.76	2 740 543	51.63	557	71.50	2 219 435	48.60
Quebec	7 582	52.34	171 509 732	45.91	8 118	56.02	131 347 118	43.21
Saskatchewan	885	30.22	11 476 285	29.65	942	32.39	11 657 497	33.56
Northwest Territories	105	49.53	3 943 789	53.93	91	52.60	2 117 425	36.18
Yukon	105	38.18	1 192 672	37.78	82	42.27	1 002 667	56.27
National Defence	72	35.64	1 164 248	18.79	84	41.18	524 103	16.65
Indian Reserves	235	66.01	6 147 780	73.38	243	73.86	6 024 778	62.84
Federal Properties	1	0.94	18 000	0.24	13	6.44	329 147	6.11
Total	30 484	44.73	563 958 106	45.49	32 416	46.26	429 524 243	41.68

Percentages used in Table 3 relate to jurisdictional totals.

3(b) Residential - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
One and two family residence	20 957	379 756 429	1 395	229
Apartment, tenement, flat	5 949	98 676 784	860	52
Rooming, boarding, lodging	326	5 572 567	94	18
Hotel, inn, lodge	348	15 000 362	40	2
Motor hotel, motel	131	5 989 197	6	0
Dormitory	94	745 268	7	1
Mobile home, trailer	1 074	16 899 177	45	26
Miscellaneous	1 605	41 318 322	83	5
Total	30 484	563 958 106	2 530	333

3(c) Assembly

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	188	2.45	5 145 269	4.59
British Columbia	249	3.25	9 485 733	5.42
Manitoba	101	1.99	2 484 642	5.12
New Brunswick	25	1.24	242 977	1.51
Newfoundland	26	3.77	3 250 100	14.21
Nova Scotia	53	2.14	3 124 000	9.83
Ontario	790	3.42	24 075 940	6.28
Prince Edward Island	17	2.03	234 796	4.42
Quebec	554	3.82	24 852 842	6.65
Saskatchewan	50	1.71	3 101 677	8.01
Northwest Territories	10	4.72	312 430	4.27
Yukon	7	2.55	43 450	1.38
National Defence	19	9.41	336 169	5.43
Indian Reserves	18	5.06	1 138 400	13.59
Federal Properties	9	8.49	0	0.00
Total	2 116	3.10	77 828 425	6.28

3(d) Assembly - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Theatre, studio, auditorium	32	826 862	1	0
Amusement, recreation place	203	5 182 736	3	0
School, college, university	558	11 687 003	19	1
Church, funeral parlour	135	8 954 548	11	1
Club, social, sport	116	4 385 500	12	0
Museum, art gallery, library	23	64 283	0	0
Food, beverage establishment	806	41 042 242	54	4
Passenger terminal, station	68	1 028 359	1	0
Miscellaneous	175	4 656 892	7	0
Total	2 116	77 828 425	108	6

3(e) Institutional

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	40	0.52	96 776	0.09
British Columbia	53	0.69	1 185 556	0.68
Manitoba	27	0.53	37 700	0.08
New Brunswick	15	0.74	178 152	1.11
Newfoundland	1	0.15	1 500	0.01
Nova Scotia	18	0.73	130 356	0.41
Ontario	213	0.92	872 539	0.23
Prince Edward Island	9	1.07	0	0.00
Quebec	126	0.87	1 842 807	0.49
Saskatchewan	9	0.31	23 470	0.06
Northwest Territories	3	1.42	800	0.01
Yukon	1	0.36	600	0.02
National Defence	1	0.50	200	0.00
Indian Reserves	4	1.12	226 900	2.71
Federal Properties	47	44.34	21 032	0.28
Total	567	0.83	4 618 388	0.37

3(f) Institutional - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Prison, jail, reformatory	101	996 245	9	1
Home for the aged	164	1 266 348	17	8
Child care	15	182 974	0	0
Hospital, sanatorium, clinic	221	1 281 294	15	0
Miscellaneous	66	891 527	12	0
Total	567	4 618 388	53	9

3(g) Business and Personal Service

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	46	0.60	1 741 218	1.55
British Columbia	86	1.12	4 367 627	2.50
Manitoba	27	0.53	2 044 303	4.21
New Brunswick	16	0.79	149 038	0.93
Newfoundland	25	3.63	3 037 900	13.28
Nova Scotia	19	0.77	332 562	1.05
Ontario	225	0.97	5 471 822	1.43
Prince Edward Island	2	0.24	11 836	0.22
Quebec	131	0.90	4 033 009	1.08
Saskatchewan	9	0.31	272 000	0.70
Northwest Territories	2	0.94	138 000	1.89
Yukon	2	0.73	71 650	2.27
National Defence	7	3.47	5 471	0.09
Indian Reserves	2	0.56	128 000	1.53
Federal Properties	18	16.98	253 250	3.32
Total	617	0.91	22 057 686	1.78

3(h) Mercantile Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	115	1.50	5 443 068	4.85
British Columbia	225	2.93	18 268 782	10.44
Manitoba	54	1.06	931 166	1.92
New Brunswick	28	1.38	523 474	3.25
Newfoundland	22	3.19	1 445 600	6.32
Nova Scotia	42	1.70	1 945 983	6.13
Ontario	851	3.68	44 514 127	11.62
Prince Edward Island	10	1.19	649 838	12.24
Quebec	692	4.78	47 836 861	12.81
Saskatchewan	51	1.74	6 216 357	16.06
Northwest Territories	1	0.47	400	0.01
Yukon	2	0.73	1 500 400	47.53
National Defence	7	3.47	18 621	0.30
Indian Reserves	6	1.69	72 000	0.86
Federal Properties	0	0.00	0	0.00
Total	2 106	3.09	129 366 677	10.44

3(i) Industrial Manufacturing Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	133	1.73	12 959 797	11.56
British Columbia	195	2.54	23 805 242	13.60
Manitoba	61	1.20	3 532 825	7.28
New Brunswick	35	1.73	528 680	3.28
Newfoundland	9	1.31	1 633 000	7.14
Nova Scotia	23	0.93	4 570 338	14.39
Ontario	636	2.75	30 267 252	7.90
Prince Edward Island	4	0.48	73 725	1.39
Quebec	376	2.60	56 894 913	15.23
Saskatchewan	18	0.61	2 687 319	6.94
Northwest Territories	6	2.83	3 950	0.05
Yukon	1	0.36	60 000	1.90
National Defence	0	0.00	0	0.00
Indian Reserves	2	0.56	45 400	0.54
Federal Properties	0	0.00	0	0.00
Total	1 499	2.20	137 062 441	11.06

3(j) Storage Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	357	4.65	7 959 086	7.10
British Columbia	281	3.66	13 666 671	7.81
Manitoba	197	3.87	3 663 522	7.55
New Brunswick	69	3.41	494 180	3.07
Newfoundland	32	4.64	520 800	2.28
Nova Scotia	66	2.67	715 281	2.25
Ontario	304	1.31	12 505 087	3.26
Prince Edward Island	19	2.27	408 324	7.69
Quebec	298	2.06	21 829 009	5.84
Saskatchewan	147	5.02	2 986 873	7.72
Northwest Territories	11	5.19	2 111 408	28.87
Yukon	10	3.64	122 724	3.89
National Defence	13	6.44	4 061 856	65.57
Indian Reserves	13	3.65	242 839	2.90
Federal Properties	3	2.83	150	0.00
Total	1 820	2.67	71 287 810	5.75

3(k) Special Properties (Outdoor and Vehicles)

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	3 964	51.63	29 963 438	26.72
British Columbia	3 327	43.37	30 118 130	17.21
Manitoba	2 631	51.74	5 434 304	11.20
New Brunswick	468	23.13	1 627 695	10.11
Newfoundland	214	31.06	2 535 985	11.09
Nova Scotia	624	25.24	1 788 727	5.63
Ontario	8 265	35.73	34 896 869	9.11
Prince Edward Island	120	14.32	314 825	5.93
Quebec	4 084	28.19	28 231 160	7.56
Saskatchewan	1 450	49.50	7 416 743	19.16
Northwest Territories	64	30.19	498 251	6.81
Yukon	145	52.73	163 736	5.19
National Defence	56	27.72	399 104	6.44
Indian Reserves	72	20.22	121 525	1.45
Federal Properties	20	18.87	7 063 994	92.62
Total	25 504	37.42	150 574 486	12.15

3(l) Special Properties - Detail

Occupancy	Number of Fires	\$ Loss	Injuries	Deaths
Outdoor property	4 432	4 723 951	48	4
Special connecting properties	46	4 586 940	0	0
Construction, demolition, vacant	405	13 694 657	11	0
Watercraft	252	5 591 769	20	0
Rail, transport vehicle and equipment	79	1 879 178	5	0
Ground transport vehicle	18 631	80 318 083	168	21
Aircraft	21	2 822 514	0	0
Special vehicle	1 188	18 453 774	8	0
Pier, wharf	450	18 503 620	5	1
Total	25 504	150 574 486	265	26

3(m) Farm Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	336	4.38	6 549 844	5.84
British Columbia	50	0.65	2 255 577	1.29
Manitoba	157	3.09	5 652 181	11.65
New Brunswick	9	0.44	207 955	1.29
Newfoundland	5	0.73	453 000	1.98
Nova Scotia	48	1.94	1 020 891	3.21
Ontario	421	1.82	23 893 133	6.24
Prince Edward Island	35	4.18	824 991	15.54
Quebec	147	1.01	11 545 810	3.09
Saskatchewan	280	9.56	3 115 081	8.05
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	0	0.00	0	0.00
Federal Properties	1	0.94	50	0.00
Total	1 489	2.18	55 518 513	4.48

3(n) Miscellaneous Properties

Jurisdiction	Number of Fires	% of Total	\$ Loss	% of Total
Alberta	346	4.51	3 488 598	3.11
British Columbia	164	2.14	3 888 442	2.22
Manitoba	111	2.18	432 221	0.89
New Brunswick	27	1.33	79 673	0.49
Newfoundland	0	0.00	0	0.00
Nova Scotia	81	3.28	492 425	1.55
Ontario	615	2.66	11 575 217	3.02
Prince Edward Island	29	3.46	49 438	0.93
Quebec	495	3.42	4 986 244	1.33
Saskatchewan	30	1.02	1 412 062	3.65
Northwest Territories	10	4.72	303 700	4.15
Yukon	2	0.73	1 600	0.05
National Defence	27	13.37	208 953	3.37
Indian Reserves	4	1.12	255 100	3.04
Federal Properties	7	6.60	270 000	3.54
Total	1 948	2.86	82 962 186	2.21

Section IV

Table 4 - Arson and Attempted Arson

Jurisdiction	Suspected or Known Incendiary	Unfounded	Actual Number	Offences Cleared		Persons Charged		Male Young Offenders	Female Young Offenders	Not Charged
				By Charge	Otherwise	Male Adults	Female Adults			
Alberta	1 171	118	1 053	186	107	91	15	78	5	106
British Columbia	2 460	79	2 381	173	188	62	9	89	7	139
Manitoba	441	43	398	72	46	22	8	47	4	38
New Brunswick	514	157	357	44	20	21	1	13	0	12
Newfoundland	235	22	213	30	8	16	3	16	0	5
Nova Scotia	408	57	351	36	17	25	1	14	4	3
Ontario	3 515	133	3 382	531	356	275	50	141	29	171
Prince Edward Island	51	3	48	7	7	5	1	6	0	2
Quebec	6 477	2 583	3 894	391	266	260	52	117	8	189
Saskatchewan	271	12	259	48	42	31	4	14	5	35
Northwest Territories	60	10	50	9	12	3	4	1	1	7
Yukon	26	5	21	2	5	2	0	0	0	0
Total	15 629	3 222	12 407	1 529	1 074	813	148	536	63	707

Source: Canadian Centre for Justice Statistics - Statistics Canada

Section V

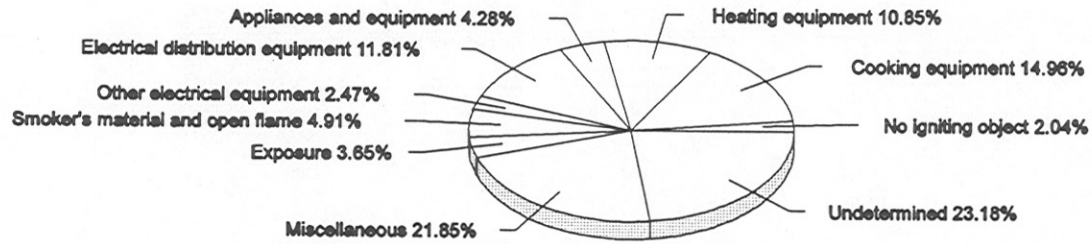
Table 5 - Fire Losses by Source of Ignition

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)	1 194	14 830 270	11	8	0	0	0	0	0	0	0	0
Cooking equipment	8 752	72 257 739	131	332	244	51	12	0	26	4	6	0
Heating equipment	6 350	111 020 999	98	106	43	21	7	1	14	6	2	0
Appliances and equipment	2 505	37 850 283	21	42	25	9	1	0	7	2	0	0
Electrical distribution equipment	6 907	142 617 319	135	69	29	3	2	0	10	5	7	0
Other electrical equipment	1 445	25 232 501	15	34	8	3	1	0	5	2	1	0
Smoker's material and "open flame":												
Smoker's material	4 185	57 576 334	117	160	85	33	3	4	57	25	3	0
Match, lighter (not used with smoking), lamp, candle, taper	5 480	101 522 608	131	96	62	58	8	1	11	5	15	0
Cutting torch, welding equipment, varied torches	937	30 293 154	36	33	1	1	0	0	5	0	0	0
Hot ashes, embers (non-smoking material)	530	11 126 201	11	5	0	1	1	0	0	0	0	0
Smoker's material or "open flame", unclassified	1 386	5 812 816	9	8	7	0	0	0	4	0	0	0
Exposure	2 137	33 878 675	9	11	2	2	0	0	5	0	0	0
Miscellaneous	12 780	125 543 865	125	118	28	10	1	0	21	7	0	0
Undetermined	13 562	470 153 441	524	183	85	39	12	2	64	37	24	0
Total	68 150	1 239 716 205	1 373	1 205	619	231	48	8	229	93	58	0

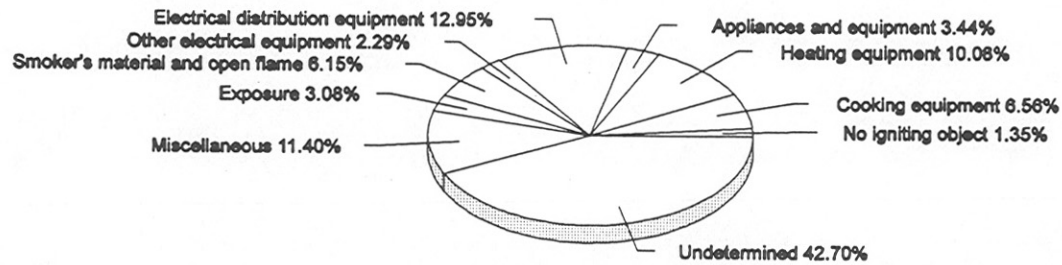
FF - Firefighters M - Men W - Women C - Children Uncl. - Unclassified

Figure 3 - Source of Ignition

Summary 1991



Number of Fires



Dollar Loss

Section VI

Table 6 - Fire Deaths and Injuries

Table 6(a) - Fire Deaths, 1991 and 10-Year Summary

Jurisdiction	1991						Fire Death Rate *	10-Year Average	
	Firefighters	Men	Women	Children	Unclassified	Total		Average Number of Deaths	Fire Death Rate *
Alberta	0	29	9	11	0	49	1.92	58	2.44
British Columbia	8	13	4	0	0	25	0.76	59	2.03
Manitoba	0	15	7	2	0	24	2.20	33	3.04
New Brunswick	0	6	4	1	0	11	1.52	20	2.82
Newfoundland	0	3	2	1	0	6	1.06	17	3.06
Nova Scotia	0	13	5	3	0	21	2.33	28	3.23
Ontario	0	85	35	18	0	138	1.37	161	1.74
Prince Edward Island	0	0	0	0	0	0	0.00	6	4.56
Quebec	0	37	21	8	0	66	0.96	108	1.64
Saskatchewan	0	10	5	2	0	17	1.72	26	2.55
Northwest Territories	0	3	0	6	0	9	15.61	6	12.50
Yukon	0	1	1	0	0	2	7.19	2	7.25
National Defence	0	0	0	0	0	0	0.00	1	0.89
Indian Reserves	0	14	0	6	0	20	7.06	30	3.03
Federal Properties	0	0	0	0	0	0	0.00	0	0.06
Total	8	229	93	58	0	388	1.39	555	3.49

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

Table 6(b) - Fire Injuries, 1991 and 10-Year Summary

Jurisdiction	1991					Total	Fire Injury Rate *	10-Year Average	
	Firefighters	Men	Women	Children	Unclassified			Average Number of Injuries	Fire Injury Rate *
Alberta	67	138	62	31	30	328	12.89	424	17.66
British Columbia	170	89	26	18	0	303	9.23	385	13.01
Manitoba	84	72	42	10	0	208	19.05	271	25.11
New Brunswick	13	13	6	8	0	40	5.53	36	5.10
Newfoundland	0	10	10	3	0	23	4.05	21	3.63
Nova Scotia	38	28	10	3	0	79	8.78	77	8.79
Ontario	776	583	319	118	0	1 796	17.81	1 908	20.60
Prince Edward Island	0	0	0	0	0	0	0.00	n/a	0.06
Quebec	210	198	128	29	0	565	8.19	597	9.04
Saskatchewan	9	40	12	6	18	85	8.60	75	7.46
Northwest Territories	4	10	3	3	0	20	34.69	13	24.08
Yukon	0	0	0	0	0	0	0.00	4	14.38
National Defence	0	9	1	0	0	10	9.08	15	8.08
Indian Reserves	2	11	0	2	0	15	5.29	21	2.15
Federal Properties	0	4	0	0	0	4	1.84	10	2.66
Total	1 373	1 205	619	231	48	3 476	12.46	3 856	11.44

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

Section VII

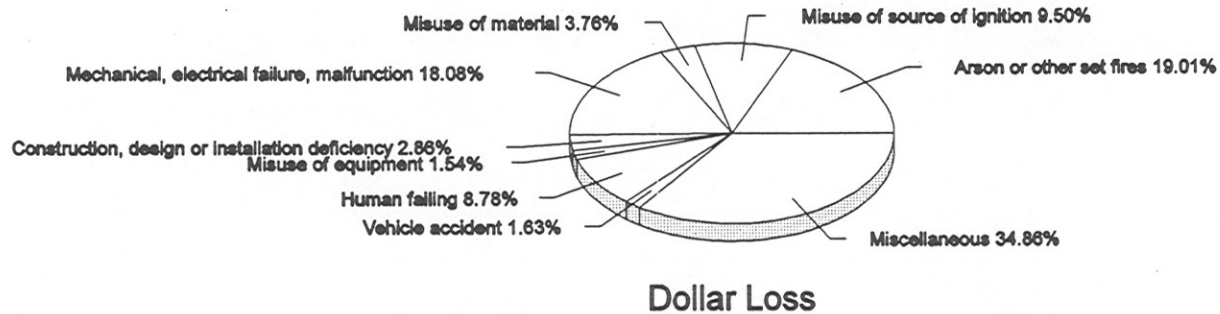
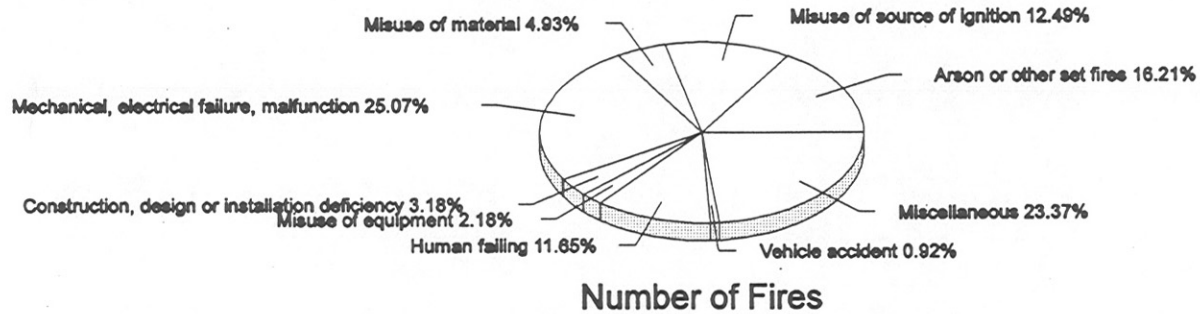
Table 7 - Act or Omission Causing Fire

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	4 395	120 924 188	157	65	27	4	6	1	15	6	1	0
Other set fires	6 649	114 698 039	146	48	27	7	1	0	8	7	0	0
Misuse of source of ignition:												
Smoker's material	1 392	17 161 839	28	50	20	10	4	3	22	5	2	0
Child playing with	1 209	15 049 646	38	20	29	53	1	0	0	0	12	0
Welding, cutting, thawing	471	8 512 449	15	13	0	0	1	0	1	0	0	0
Unclassified	5 443	77 006 530	107	159	102	25	4	0	26	18	6	0
Misuse of material ignited	3 360	46 594 127	54	179	102	30	10	1	18	5	3	0
Mechanical, electrical failure, malfunction	17 084	224 083 208	176	136	58	11	7	0	12	5	4	0
Construction, design or installation deficiency	2 170	35 430 409	23	9	7	0	3	0	5	3	2	0
Misuse of equipment	1 485	19 097 405	30	34	17	3	1	0	12	4	3	0
Human failing:												
Asleep	113	1 622 058	3	3	5	3	2	1	4	2	0	0
Suspected impairment by alcohol, drugs, medication	165	2 504 332	5	23	3	1	1	0	11	3	1	0
Miscellaneous	7 663	104 680 934	143	268	145	49	6	0	18	4	1	0
Vehicle accident	624	20 171 920	4	13	4	3	1	0	6	1	2	0
Miscellaneous	15 927	432 179 121	399	169	65	29	0	2	67	30	21	0
Total	68 150	1 239 716 205	1 328	1 189	611	228	48	8	225	93	58	0

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

Figure 4 - Act or Omission Causing Fire

Summary 1991



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
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	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	0
Edmonton	91.03.27	Business & personal service	Arson: to cover other crime	537 300	0	0
Jasper	91.03.29	Special property - transportation equipment	Vehicle accident: unknown	2 008 619	0	0
MD #44	91.03.31	Miscellaneous properties	Fuel spilled accidentally	650 635	0	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	0
Edmonton	91.04.09	Miscellaneous properties	Unknown	750 000	0	0
CTY #9	91.04.09	Miscellaneous properties	Electrical short	1 650 000	0	0
Calgary	91.04.10	Storage properties	Vandalism/mischief - no charges	1 648 330	3	0
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	0
Calgary	91.07.13	Industrial manufacturing property	Suspected arson	5 500 000	0	0
Fort Saskatchewan	91.07.20	Mercantile	Mechanical part failure/leak/break	600 396	0	0
CTY #9	91.08.05	Special property - transportation equipment	Vehicle accident: unknown	5 100 000	0	3
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	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	0
Kedgewick	91.10.31	Special property - transportation equipment	Act or omission unknown	750 572	0	0
ID #18	91.11.05	Special property - transportation equipment	Vehicle accident: unknown	3 300 000	0	0
ID #18	91.11.15	Business & personal service	Act or omission unknown	875 000	0	0

Table 8(b) British Columbia

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Surrey	91.01.06	Heavy machine and equipment storage	Act or omission unknown	993 963	0	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	0
Whistler	91.01.18	Miscellaneous mercantile	Act or omission unknown	1 316 508	0	0

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

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
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	0
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	0
Peace River-Liard Rural	91.02.22	Motor vehicle repairs	Act or omission unknown	709 177	0	0
Vancouver	91.02.26	Dwelling, year-round use (single-family)	Act or omission unknown	500 000	0	0
Prince Rupert	91.03.14	Apartment, townhouse: 3-20 units, with business	Act or omission unknown	694 014	0	0
Maple Ridge	91.03.20	Sawmill, planing mill	Act or omission unknown	1 630 027	2	0
Vancouver	91.04.05	Apartment, townhouse: over 20 units	Act or omission unknown	560 000	0	0
Vancouver	91.04.06	Sporting goods sales, bicycle sales & repair	Arson or set fire - mental disorder	1 065 662	1	0
Vancouver	91.04.15	Professional supply sales	Act or omission unknown	1 036 221	3	0
Vanderhoof	91.04.23	Sawmill, planing mill	Accident	4 600 000	0	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	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	0
Fraser-Fort George Rural	91.05.29	Fences, poles, railroad ties	Act or omission unknown	2 000 000	0	0
Prince George	91.06.01	General warehouse	Suspected set fire - motive unknown	1 500 000	0	0
Cranbrook	91.06.15	Furniture repair or upholstery, without sales	Act or omission unknown	615 250	0	0
Vancouver	91.06.16	General warehouse	Suspected set fire - motive unknown	1 207 500	0	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	0
Bulkely-Nechako Rural	91.07.21	Agricultural supply storage	Arson or set fire - motive unknown	1 200 000	0	0
Gold River	91.07.22	Paper, pulp, paperboard manufacture	Arson or set fire - financial gain	2 000 000	0	0
Golden	91.07.27	Sawmill, planing mill	Act or omission unclassified	2 000 000	0	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	0
Bulkely-Nechako Rural	91.08.22	Metal ore mine	Mechanical or electrical failure	1 500 000	0	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	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	0
Matsqui	91.09.22	Plastic products manufacture	Suspected set fire - motive unknown	775 000	2	0
Kamloops	91.09.24	General warehouse	Arson or set fire - revenge, spite	902 237	0	0
Smithers	91.09.29	Hotel, inn, lodge: year-round use	Misuse of material ignited	850 000	0	0
Enderby	91.10.04	Sawmill, planing mill	Human failing	500 000	0	0
Surrey	91.10.12	Miscellaneous mercantile	Suspected set fire - motive unknown	1 000 000	0	0
Vancouver	91.10.23	Telephone exchange	Act or omission unknown	800 000	1	0
Vancouver	91.10.24	Packaged foodstuffs storage	Suspected set fire - motive unknown	955 800	0	0
Grand Forks	91.10.28	Hotel, inn, lodge: year-round use	Act or omission unknown	950 000	0	0
Port Coquitlam	91.11.01	Motor vehicle repairs	Fuel spilled accidentally	1 334 386	0	0
Penticton Rural	91.11.14	Bridge, trestle, overpass, elevated railway	Act or omission unknown	500 000	0	0

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

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

Table 8(c) Manitoba

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Winnipeg	91.01.04	Industrial manufacturing	Undetermined/accidental	600 000	6	0
Winnipeg	91.01.14	Restaurant	Incendiary	542 651	0	0
Winnipeg	91.01.20	Office building	Undetermined/accidental	500 515	0	0
Neche River	91.02.25	Motel	Accidental	500 000	0	0
Winnipeg	91.03.29	Apartment	Undetermined/accidental	505 000	0	0
Riverville	91.05.01	Industrial storage	Undetermined/accidental	1 230 000	0	0
Winnipeg	91.05.07	Office building	Undetermined/accidental	734 150	0	0
Winnipeg	91.05.23	Industrial manufacturing	Undetermined/accidental	650 000	0	0
Winnipeg	91.06.13	Industrial manufacturing	Accidental	500 000	0	0
L.G.D. Grahamdale	91.08.16	Transient dormitory	Undetermined/accidental	600 000	0	0
Winnipeg	91.09.13	Industrial manufacturing	Accidental	500 000	0	0
L.G.D. Reynolds	91.11.30	Recreation centre	Incendiary	550 000	0	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	Deaths
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None

Table 8(e) Newfoundland

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

Table 8(f) Nova Scotia

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

Table 8(g) Ontario

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
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	0
Thessalon Tn.	91.01.04	Marina, marine service station	Mechanical/electrical failure	1 500 000	0	0
Thunder Bay City	91.01.06	Tavern, beer parlour, beverage room	Arson	600 000	6	0
Dysart Guilfd Harburn etc.	91.01.07	Manufacturing/processing: primary processing	Arson	4 000 000	0	0
Toronto City	91.01.09	Residential: multi-unit dwelling-over 12 units	Mechanical/electrical failure	697 498	1	0
Hallowell Twp.	91.01.10	Motor vehicle repair garage	Misuse of igniting object	500 000	0	0
North York City	91.01.11	Residential: detached dwelling	Misuse of equipment	1 100 000	2	0
Mississauga City	91.01.22	Commercial	Undetermined	750 000	0	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	0
Toronto City	91.01.27	Manufacturing/processing: other textile goods	Undetermined	605 000	5	0
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	0
Markham Tn.	91.02.08	Residential: multi-unit dwelling - 2 to 6 units	Misuse of equipment	500 000	0	0
Mersea Twp.	91.02.08	Warehousing and storage: metal products	Arson	700 000	0	0
Niagara-On-The Lake Tn.	91.02.14	Manufacturing/processing	Undetermined	2 500 000	0	0
Field Twp.	91.02.26	Manufacturing/processing: primary processing	Construction deficiency	1 600 000	0	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	0
Brighton Tn.	91.03.07	Multi-unit dwelling - 2 to 6 units	Misuse of equipment	575 000	0	0
Niagara-On-The Lake Tn.	91.03.08	Barn, fowl or animal shelter	Accidental	500 000	0	0
North York City	91.03.14	Warehousing and storage: vehicle or vehicle parts	Misuse of igniting object	700 000	2	0
Mono Twp.	91.03.15	School - secondary high or senior high	Undetermined	1 100 000	0	0
Keewatin Tn.	91.03.17	Manufacturing/processing: primary processing	Undetermined	850 000	0	0
Ottawa City	91.03.26	Multi-unit dwelling - 7 to 12 units	Misuse of igniting object	3 000 000	1	0
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	0
Hawkesbury E. Twp.	91.04.05	Manufacturing/processing: dairy goods or produce	Undetermined	1 400 000	0	0
Golden Twp.	91.04.07	Commercial aircraft	Misuse of equipment	500 000	0	0
Toronto City	91.04.12	Restaurant - licensed	Other	510 000	4	0
Mersea Twp.	91.04.16	Tractor trailer or truck trailer	Vandalism	803 000	1	0
Mersea Twp.	91.04.16	Manufacturing/processing: dairy goods or produce	Arson	800 000	0	0

Table 8(g) Ontario (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Whitchurch-Stouffville Tn.	91.04.16	Night club, supper club, etc.	Vandalism	700 000	0	0
Elma Twp.	91.04.19	Barn, fowl or animal shelter	Undetermined	500 000	0	0
Goderich Tn.	91.04.23	Garage - detached from residence	Accidental	13 800 152	0	0
Markham Tn.	91.04.23	Barn, fowl or animal shelter	Other	500 000	0	0
Brampton City	91.04.29	Pet shop, animal hospital	Mechanical/electrical failure	500 000	0	0
Timmins City	91.05.03	Single family dwelling with business	Arson	1 000 000	3	0
Pembroke Twp.	91.05.06	Detached dwelling	Mechanical/electrical failure	750 000	0	0
Niagara-On-The Lake Tn.	91.05.07	Warehousing and storage: general goods	Mechanical/electrical failure	1 505 000	0	0
Marathon Twp.	91.05.12	Assembly	Undetermined	852 000	0	0
Hornepayne Twp.	91.05.13	Detached dwelling	Arson	690 000	0	0
Hamilton City	91.05.14	Warehousing and storage: metal products	Other	662 735	0	0
Scarborough City	91.05.19	Convenience store	Vandalism	500 000	1	0
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	0
Ingersoll Tn.	91.06.04	Furniture, appliances - general sales	Undetermined	1 350 000	0	0
Nepean City	91.06.09	Barn, fowl, animal shelter	Undetermined	1 000 000	0	0
Sudbury District	91.06.11	Tavern, beer parlour, beverage room	Undetermined	812 800	0	0
Windsor City	91.06.11	Motor vehicle parts & accessory sales	Undetermined	1 000 000	0	0
Oshawa City	91.06.22	Other speciality sales/service	Accidental	500 000	0	0
Surgeon Falls Tn.	91.06.25	Motor vehicle parts & accessory sales	Arson	600 000	0	0
Caledon Tn.	91.06.26	Motor vehicle repair garage	Accidental	900 000	2	2
London City	91.07.14	Restaurant - licensed	Undetermined	1 000 000	3	0
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	0
Michipicoten Twp.	91.07.18	Building supply	Undetermined	500 000	0	0
Osgoode Twp.	91.08.03	Detached dwelling	Mechanical/electrical failure	600 000	0	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	0
Kincardine Tn.	91.09.01	Multi-unit dwelling - over 12 units	Arson	2 750 000	0	0
Sudbury City	91.09.22	Multi-unit dwelling - 2 to 6 units	Arson	500 000	0	0
Ajax Tn.	91.09.23	Commercial	Arson	2 045 000	0	0
St. Edmunds Twp.	91.09.27	Semi-detached dwelling	Undetermined	2 500 000	0	0
North York City	91.10.13	Other speciality sales/service	Arson	1 200 000	0	0
Oakville Tn.	91.10.13	Department store	Mechanical/electrical failure	750 000	0	0
Grimsby Tn.	91.10.16	Detached dwelling	Undetermined	700 000	0	0
Toronto City	91.10.16	Hotel, inn, lodge - licensed	Undetermined	1 000 000	5	0
Woolwich Twp.	91.10.27	Barn, fowl or animal shelter	Mechanical/electrical failure	575 000	0	0
Colchester South Twp.	91.10.29	Manufacturing/processing: plastics	Undetermined	1 500 000	0	0
Thunder Bay City	91.10.30	Single family dwelling with business	Vandalism	650 000	0	0
Toronto City	91.10.31	Furniture, appliances	Other	1 198 500	5	0
Kincardine Tn.	91.11.02	Single family dwelling with business	Undetermined	1 000 000	0	1
North York City	91.11.02	Detached dwelling	Undetermined	500 000	6	0
Deseronto Twp.	91.11.04	Manufacturing/processing: dairy goods or produce	Mechanical/electrical failure	1 000 000	0	0

Table 8(g) Ontario (con't)

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

Table 8(h) Prince Edward Island

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

Table 8(i) Quebec

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
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	0
Salaberry-de-Valleyfield	91.01.03	Other	Not reported	1 321 550	0	0
Cookshire	91.01.11	Processing, metals, appliances	Not reported	8 000 000	0	0
Saint-Ange-Gardien	91.01.11	Processing, food products	Not reported	500 000	0	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	0
Val-Morin	91.01.30	Secondary dwelling, cottage	Not reported	837 200	2	0
Cloridorme	91.01.31	Processing, food products	Not reported	1 328 001	0	0
Mont-Carmel	91.01.31	Processing, wood, paper, printing	Not reported	1 289 772	0	0
Mont-Carmel	91.01.31	Processing, wood, paper, printing	Not reported	1 450 000	0	0
Saint-Laurent	91.02.14	Warehousing, appliances, machinery	Not reported	510 000	1	0
Saint-Laurent	91.02.14	Special vehicle	Not reported	569 369	0	0
Montreal	91.03.03	Apartment building	Not reported	725 000	0	0
Bernieres	91.03.05	Warehousing, vehicles, all types	Not reported	1 000 000	0	0
Val-D'or	91.03.05	Processing, wood, paper, printing	Not reported	1 000 000	0	0
Montreal	91.03.11	Apartment building	Not reported	750 000	1	0
Donnacona	91.03.12	One or two family dwelling	Not reported	1 520 943	0	0

Table 8(i) Quebec (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
Montreal	91.03.19	Grocery store	Not reported	505 444	0	0
Umiuq	91.03.23	Commercial, unclassified	Not reported	870 000	0	0
Rougemont	91.03.27	Warehousing, agricultural products	Not reported	812 247	0	0
Maniwaki	91.03.28	Furniture, appliance store	Not reported	675 000	0	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	0
L'Assomption	91.04.05	Processing, wood, paper, printing	Not reported	2 941 000	0	0
L'Assomption	91.04.05	Processing, chemicals manufacturing, petroleum	Not reported	2 427 600	0	0
Saint-Hyacinthe	91.04.05	Grocery store	Not reported	500 000	0	0
Longueuil	91.04.09	Restaurant, tavern	Not reported	601 500	0	0
Val-Joli	91.04.16	Processing, metals, appliances	Not reported	500 000	0	0
Jonquiere	91.04.21	Furniture, appliance store	Not reported	530 250	0	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	0
L'Assomption	91.05.13	Processing, vehicle accessories	Not reported	570 000	0	0
Outremont	91.05.17	Processing, textiles	Not reported	2 092 263	0	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
Wendrevil	91.05.25	Processing, wood, paper, printing	Not reported	1 207 074	0	0
Saint-Leonard	91.06.02	Processing, chemicals manufacturing, petroleum	Not reported	505 324	0	0
Saint-Leonard	91.06.02	Processing, wood, paper, printing	Not reported	900 000	4	0
Saint-Charles-sur-Richelieu	91.06.08	Bridge, wharf	Not reported	3 369 525	0	0
Montreal	91.06.16	Warehousing, textiles, clothing	Not reported	736 358	0	0
Sainte-Foy	91.06.16	Warehousing, food products, tobacco	Not reported	700 000	0	0
Longueuil	91.06.21	Other	Not reported	822 977	0	0
Beauport	91.06.22	Apartment building	Not reported	631 492	0	0
Beauport	91.06.22	Apartment building	Not reported	815 000	0	0
Chicoutimi	91.07.01	Furniture, appliance store	Not reported	660 000	0	0
Stoneham-et-Tewkesbury	91.07.21	Warehousing, vehicles, all types	Not reported	2 640 000	0	0
Saint-Timothée	91.07.27	Other	Not reported	4 000 000	0	0
Nimouski	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	0
Bristol	91.08.09	Office building	Not reported	1 011 132	0	0
Bele-James	91.08.14	Other	Not reported	1 500 000	0	0
Pinetendre	91.08.17	Farm building or products	Not reported	618 000	0	0
Salaberry-de-Valleyfield	91.09.03	Processing, chemicals manufacturing, petroleum	Not reported	838 440	0	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	0
Saint-Philippe	91.09.22	Farm building or products	Not reported	650 000	0	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
Lesmere	91.10.07	One or two family dwelling	Not reported	500 000	0	0

Table 8(i) Quebec (con't)

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
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	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	0
Shawinigan	91.10.27	Restaurant, tavern	Not reported	778 000	0	0
Shawinigan	91.10.27	Restaurant, tavern	Not reported	750 000	0	0
Montreal	91.11.01	Warehousing, food products, tobacco	Not reported	1 700 000	0	0
Sainte-Marcelline-de-Kildare	91.11.03	One or two family dwelling	Not reported	850 000	0	0
Sherbrooke	91.11.04	Restaurant, tavern	Not reported	500 000	0	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	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	0
Hull	91.12.01	Restaurant, tavern	Not reported	1 012 000	0	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	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	0
Chicoutimi	91.12.21	Restaurant, tavern	Not reported	625 000	0	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	0
La Pocatiere	91.12.27	Secondary dwelling, cottage	Not reported	914 000	0	0
Roxton Pond	91.12.31	Processing, metals, appliances	Not reported	1 153 448	0	0

Table 8(j) Saskatchewan

Location	Date	Property/Classification	Act or Omission	Dollar Loss	Injuries	Deaths
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	0
Colonsay	91.08.08	Mining/quarrying	Electrical	500 000	0	0
North Battleford	91.09.03	Restaurant	Washing, clean, paint	750 000	0	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	Deaths
Inuvik	91.02.06	Garage/office	Unknown	943 488	0	0
Jean Marie River	91.05.01	Two bay garage	Unknown	540 000	0	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	Deaths
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	Deaths
CFB Wainwright	91.04.29	Tented site	Not determined	778 319	1	0
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	Deaths
None						

Table 8(o) Federal Properties

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

Appendix

Federal, Provincial and Territorial Fire Marshals and Fire Commissioners

Mr. R. McCuillough
Fire Commissioner
Department of Community Services
1870 Albert St.
5th Floor
Regina, Saskatchewan
S4P 3V7

Mr. R. Dumala
Fire Commissioner
Ministry Of Municipal Affairs, Recreation and Culture
800 Johnson Street, 3rd Floor
Victoria, British Columbia
V8V 1X4

Mr. V. Perry
A/Fire Marshal
Department of Labour
P.O. Box 697
5151 Terminal Rd.
Halifax, Nova Scotia
B3J 2T8

Mr. Fred Hollett
A/Fire Commissioner
Department Of Municipal and Provincial Affairs
Pleasantville Fire Station
St. John's, Newfoundland
A1C 5T7

Mr. Jim Stith
Fire Marshal
Department of Municipal Affairs
P.O. Box 6000
364 Argyle Street
Fredericton, New Brunswick
E3B 5H1

Mr. Eric Kieken
Fire Marshal
Fire Prevention Service
Government Of N.W.T.
4916-49th Street
Yellowknife, Northwest Territories
X1A 2L9

Mr. David Blacquiére
Fire Marshal
Dept. Of Municipal Affairs
P.O. Box 2000
11 Kent Street
Charlottetown, Prince Edward Island
C1A 7N8

Mr. John R. Matheson
Fire Commissioner
Department Of Manpower & Labour
Room 510, Norquay Bldg.
401 York Avenue
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Lt. Col. G. Perron
Canadian Forces Fire Marshal
101 Colonel By Drive
Ottawa, Ontario
K1A 0K2

Mr. T.J. Dunfield, P.Eng.
Fire Commissioner of Canada
Labour Canada
165 Hotel de Ville St.
Phase 2, Place du Portage
Ottawa, Ontario
K1A 0J2

Mr. Jean-Guy Delage
Commissaire à la prévention des incendies
Direction générale de la sécurité civile
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Mr. T. Makey
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Mr. B.A. Moyle
Fire Marshal
Ministry of The Solicitor General
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Mr. J. Holesworth
Fire Marshal
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