ANNUAL REPORT

OF THE

FIRE MARSHAL

FOR

1969

BRITISH COLUMBIA

HON. L. R. PETERSON, Q.C.
Attorney-General of British Columbia

B. NIXON
Fire Marshal of British Columbia

DEPARTMENT OF THE ATTORNEY-GENERAL

To Colonel the Honourable JOHN R. NICHOLSON, P.C., O.B.E., Q.C., LL.D.,
Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Forty-eighth Annual Report of the Fire Marshal for the year ended December 31, 1969.

LESLIE R. PETERSON
Attorney-General

VICTORIA, BRITISH COLUMBIA, January 14, 1971.

TABLE OF CONTENTS

	PAGE
Report of Fire Marshal	7
Table I—Fire Investigations, Fire Crime Statistics	9
Table II—Inspections Made and Orders Issued by Local Assistants to the Fire Marshal	10
Table III—Fires Reported, Construction of Buildings Burned	12
Table IV—Causes of Fires	15
Table V—Classification of Property Burned and Causes	17
Table VI—Summary	34
Table VII—Ten-year Comparative Statement of Fire Losses	35
Table VIII—Loss of Life, 1960–69	36
Table IX—Twenty-year Fire Loss (Graph)	37

REPORT OF THE FIRE MARSHAL

OFFICE OF THE FIRE MARSHAL,
VANCOUVER, BRITISH COLUMBIA, January 14, 1971.

The Honourable Leslie R. Peterson, Q.C.,
Attorney-General, Victoria, British Columbia.

SIR: I beg to submit the Forty-eighth Annual Report of the Fire Marshal for the year ended December 31, 1969. During the year there were 7,602 fires, an increase from 7,010 fires the previous year. The fire loss totalled $27,514,446, the highest annual loss this Province has ever suffered. The previous high loss of just over $23 million occurred in 1966. There was a decrease in the number of deaths, but I regret to report that 87 persons died in 74 fires, 46 of these deaths occurring in private dwellings. There may be other contributing factors, but it remains that smokers' carelessness is the largest single cause of these deaths, with 10 of the fires attributed to smoking in bed.

Fire Advisory Services

I am pleased to report that a fire-protection survey was completed for the Regional District of Comox-Strathcona. These surveys provide the regional district with recommendations to enable it to utilize existing fire-fighting apparatus to the best advantage and provide a schedule of future fire-protection needs. We have received so many requests to provide such fire-protection surveys that we plan to continue this service.

The programme of certification of automobile fire-fighting apparatus instituted last year continued to provide the municipalities, on request, with the assurance that automobile fire-fighting apparatus purchased by them meets acceptable performance standards.

Pursuant to the *Fire Marshal Act,* our staff Inspectors made 915 inspections and Local Assistants to the Fire Marshal made 77,927 inspections. Arising out of these inspections, 197 Fire Marshal orders were issued and three appeals to the Fire Marshal were heard and determined.

The British Columbia Emergency Fire Defence Plan

It was necessary for us to revise the British Columbia Emergency Fire Defence Plan, particularly in the field of the dispersal of fire apparatus and manpower. This major undertaking was necessary so as to maintain consistency with new concepts introduced by the Canadian Forces.

Fire Investigation Services

This year, 303 fires were investigated by staff Inspectors, which resulted in 113 charges being laid. The results of these investigations are set out in Table I. One Fire Marshal inquiry was held. The collection and reporting of fire-crime information to the Dominion Bureau of Statistics is the responsibility of this office, and the returns for the year are also included in Table I.

Fire Service Training

Our travelling instructional units conducted courses in fire-fighting at 71 fire departments, the courses being attended by 1,054 fire-fighters. Specialized courses in marine fire-fighting and basic fire-fighting were held in conjunction with the Department of Education.

During the year, fire-pumpers were assigned for training to Barkerville, Fort Steele, Saanich, Mill Bay, Colwood, Cache Creek, Princeton, and the Vancouver Wireless Station.

Three orientation courses for Local Assistants to the Fire Marshal were held. These courses cover instruction in the use of the *Fire Marshal Act* and regulations. Thirty-three municipalities were represented by 47 persons.

Public Information Services

The distribution of technical and public fire-safety information occupied a prominent role in our public service. Our membership in international, national, Provincial, and local advisory and enforcement agencies provided us with current fire-safety information and requirements.

Public information services were maintained through the medium of our film library, directives, displays, and lectures.

Public Safety

We continued to receive and circulate to fire and police departments throughout the Province information on the movement and the location of radioactive materials. Large shipments of these sources were escorted through the heavily populated areas by our Inspectors.

Moving-picture projectionist examinations held pursuant to the *Fire Marshal Act* and regulations were attended by 21 applicants. As a result of these examinations, 10 first-class, 10 second-class, and 1 third-class licences were issued.

The use of mobile homes and campers continued very popular and during the year 4,085 Fire Marshal approval labels for compressed-gas systems were issued.

During the year, 1,925 plans and specifications were received and processed.

Statistical information goes out each year to the Dominion Fire Commissioner, Fire Marshals and Fire Commissioners across Canada and the United States, insurance companies, adjusters, and libraries, to Local Assistants to the Fire Marshal, and many others. For tabulating purposes, detailed records of all large-loss fires are sent to the National Fire Protection Association for inclusion in fire-loss surveys.

I would like to thank the members of the various fire and police departments, the British Columbia Research Council, the National Harbours Board, Civil Defence Organization, and my own staff for excellent co-operation during the year. I would also like to thank members of the Royal Canadian Mounted Police, especially those who are Local Assistants to the Fire Marshal, other Local Assistants to the Fire Marshal, the insurance companies and their adjusters for co-operation given throughout the year.

I have the honour to be,

Sir,

Your obedient servant,

HENRY K. JENNS

Acting Fire Marshal

TABLE I—FIRES INVESTIGATED

			Totals
A. Total number of fires investigated throughout the Province			514
B. Fires investigated by the Office of the Fire Marshal—			
Accident or negligence		94	
Incendiary		131	
Unknown		73	
			298
C. Charges laid throughout the Province—	Adults	Juveniles	
Number of persons charged	42	28	70
Number of charges laid	68	45	113
Arson	51	22	
Setting fire to other substances	8	20	
Other offences	9	3	
Disposition of charges—			
Convicted	46	36	
Dismissed	8	3	
Withdrawn	2	5	
Stay of proceedings	1	—	
Committed to institution	—	1	
Pending	11	—	

D. Fire crime statistics—(The following record is compiled by the Fire Marshal Office for the Dominion Bureau of Statistics and represents all fire-crime investigations throughout the Province.)

Offence	Suspected or Known Incendiary	Unfounded	Actual Number	Offences Cleared		Persons Charged			
				By Charge	Otherwise	Adult		Juvenile	
						M.	F.	M.	F.
Arson and attempted arson	479	115	364	65	47	39	3	28	—

TABLE II—INSPECTIONS MADE AND ORDERS ISSUED BY LOCAL ASSISTANTS TO THE FIRE MARSHAL

City Municipalities (31)

Districts Reporting	Inspections	Orders	Districts Reporting	Inspections	Orders
Armstrong	36	----	New Westminster	6,709	----
Chilliwack	1,264	----	North Vancouver	3,312	1
Courtenay	90	----	Penticton	1,273	4
Cranbrook	800	----	Port Alberni	224	1
Dawson Creek	1,421	1	Port Coquitlam	----	----
Duncan	219	----	Port Moody	215	1
Enderby	44	----	Prince George	1,417	1
Fernie	86	2	Prince Rupert	378	----
Grand Forks	23	----	Revelstoke	138	----
Greenwood	2	----	Rossland	----	----
Kamloops	609	2	Trail	134	2
Kelowna	1,479	----	Vancouver	16,692	93
Kimberley	963	4	Vernon	1,003	2
Langley	----	----	Victoria	6,631	6
Nanaimo	1,845	----	White Rock	298	----
Nelson	1,662	1	Totals	48,967	121

District Municipalities (40)

Burnaby	8,687	----	North Vancouver	1,354	----
Campbell River	408	----	Oak Bay	2,682	4
Central Saanich	48	----	Peachland	----	----
Chilliwhack	583	----	Pitt Meadows	----	----
Coldstream	4	----	Port Alice	----	----
Coquitlam	40	----	Port Hardy	----	----
Delta	1,882	----	Powell River	169	----
Esquimalt	520	----	Richmond	498	1
Fraser Mills	----	----	Saanich	331	2
Gold River	40	----	Salmon Arm	62	----
Houston	----	----	Spallumcheen	18	----
Hudson's Hope	27	9	Sparwood	8	2
Kent	----	----	Squamish	----	----
Kitimat	256	----	Stewart	102	1
Langley	51	----	Sumas	66	----
Mackenzie	163	3	Summerland	----	----
Maple Ridge	361	----	Surrey	4,622	1
Matsqui	----	----	Terrace	650	3
Mission	33	----	West Vancouver	174	----
North Cowichan	405	----			
North Saanich	5	----	Totals	24,249	26

Town Municipalities (14)

Castlegar	----	----	Merritt	69	----
Comox	----	----	Mission City	----	----
Creston	10	2	Quesnel	----	----
Fort St. John	284	----	Sidney	5	1
Golden	----	----	Smithers	----	----
Hope	----	----	Williams Lake	177	2
Kinnaird	59	----			
Ladysmith	53	----	Totals	657	5

TABLE II—INSPECTIONS MADE AND ORDERS ISSUED BY LOCAL ASSISTANTS TO THE FIRE MARSHAL—*Continued*

Village Municipalities (53)

Districts Reporting	Inspections	Orders	Districts Reporting	Inspections	Orders
Abbotsford	79	-----	New Denver	-----	-----
Alert Bay	-----	-----	Oliver	-----	-----
Ashcroft	20	1	100 Mile House	-----	-----
Burns Lake	-----	-----	Osoyoos	-----	-----
Cache Creek	23	-----	Parksville	870	1
Chase	-----	-----	Pemberton	-----	-----
Chetwynd	-----	-----	Port Edward	-----	-----
Clinton	-----	-----	Port McNeill	9	-----
Cumberland	1	-----	Pouce Coupe	4	-----
Fort St. James	-----	-----	Princeton	65	1
Fraser Lake	-----	-----	Qualicum Beach	-----	-----
Fruitvale	-----	-----	Salmo	8	-----
Gibsons	-----	-----	Salmon Arm	104	-----
Harrison Hot Springs	-----	-----	Sayward	-----	-----
Hazelton	-----	-----	Sechelt	-----	-----
Invermere	-----	-----	Silverton	-----	-----
Kaslo	-----	-----	Slocan	-----	-----
Keremeos	9	-----	South Fort George	20	37
Lake Cowichan	7	-----	Taylor	-----	-----
Lillooet	-----	-----	Telkwa	-----	-----
Lumby	-----	-----	Tofino	-----	-----
Lytton	-----	-----	Ucluelet	-----	-----
McBride	7	-----	Valemount	-----	-----
Masset	-----	-----	Vanderhoof	-----	-----
Midway	-----	-----	Warfield	15	-----
Montrose	49	-----	Zeballos	-----	-----
Nakusp	-----	-----	Totals	1,290	40

Fire Districts (17)

Cariboo, County of	8	-----	Sooke	-----	-----
Colwood	-----	-----	University Area	934	-----
Ioco	-----	-----	Vancouver, County of	3	-----
Kootenay, County of	128	2	Vernon	-----	-----
Langford	501	1	Victoria, County of	56	1
Nanaimo, County of	115	-----	View Royal	-----	-----
Ocean Falls	545	-----	Westminster, County of	-----	-----
Prince George	-----	-----	Yale, County of	437	-----
Prince Rupert, County of	37	1	Totals	2,764	5

	Inspections	Orders
Grand totals, 1969	77,927	197
Grand totals, 1968	92,074	172
Grand totals, 1967	85,969	529
Grand totals, 1966	84,874	603
Grand totals, 1965	83,678	178
Grand totals, 1964	82,758	151
Grand totals, 1963	92,088	100
Grand totals, 1962	88,441	192
Grand totals, 1961	93,826	196
Grand totals, 1960	95,259	154

TABLE III—FIRES REPORTED

City Municipalities (31)

Districts Reporting	Number	Amount of Loss	Districts Reporting	Number	Amount of Loss
Armstrong	6	$45,576	New Westminster	193	$254,274
Chilliwack	28	51,155	North Vancouver	114	95,810
Courtenay	19	28,325	Penticton	65	74,780
Cranbrook	13	13,641	Port Alberni	93	59,696
Dawson Creek	52	95,553	Port Coquitlam	61	57,927
Duncan	17	21,675	Port Moody	32	1,045,266
Enderby	3	17,073	Prince George	189	156,847
Fernie	11	10,112	Prince Rupert	43	141,113
Grand Forks	3	1,998	Revelstoke	39	110,229
Greenwood	8	5,255	Rossland	19	50,730
Kamloops	58	510,967	Trail	62	70,392
Kelowna	75	712,871	Vancouver	1,745	3,833,656
Kimberley	26	65,922	Vernon	43	36,936
Langley	11	130,958	Victoria	286	269,452
Nanaimo	91	120,163	White Rock	26	101,225
Nelson	32	276,944			
			Totals	3,463	$8,466,521

District Municipalities (40)

Burnaby	426	$932,551	North Vancouver	185	$221,510
Campbell River	40	98,443	Oak Bay	60	47,173
Central Saanich	21	50,570	Peachland	3	1,164
Chilliwhack	80	297,262	Pitt Meadows	11	101,178
Coldstream	12	56,666	Port Alice	2	96,601
Coquitlam	91	186,747	Port Hardy	8	134,156
Delta	124	733,900	Powell River	17	32,084
Esquimalt	44	48,693	Richmond	190	235,984
Fraser Mills	1	526	Saanich	228	356,760
Gold River	7	11,456	Salmon Arm	10	23,300
Houston	6	26,200	Spallumcheen	5	30,875
Hudson's Hope	9	24,494	Sparwood	3	44,000
Kent	15	25,584	Squamish	8	11,707
Kitimat	38	115,752	Stewart	5	147,229
Langley	63	767,458	Sumas	12	24,293
Mackenzie	10	120,181	Summerland	20	43,083
Maple Ridge	110	217,766	Surrey	390	874,069
Matsqui	41	264,732	Terrace	48	97,785
Mission	21	134,014	West Vancouver	129	244,144
North Cowichan	22	38,737			
North Saanich	9	5,676	Totals	2,524	$6,924,503

Town Municipalities (14)

Castlegar	3	$395	Merritt	14	$15,777
Comox	3	1,715	Mission City	7	99,047
Creston	11	6,463	Quesnel	11	8,470
Fort St. John	18	109,247	Sidney	10	138,155
Golden	6	8,974	Smithers	10	8,836
Hope	5	9,417	Williams Lake	25	245,197
Kinnaird	2	11,013			
Ladysmith	16	32,157	Totals	141	$694,863

TABLE III—FIRES REPORTED—*Continued*

Village Municipalities (53)

Districts Reporting	Number	Amount of Loss	Districts Reporting	Number	Amount of Loss
Abbotsford	16	$17,335	New Denver	2	416
Alert Bay	3	13,369	Oliver	4	$79,972
Ashcroft	4	35,976	100 Mile House	1	400
Burns Lake	7	58,531	Osoyoos	5	2,403
Cache Creek	6	24,918	Parksville	12	1,916
Chase	1	650	Pemberton	----	----
Chetwynd	4	1,416	Port Edward	4	29,900
Clinton	1	458	Port McNeill	1	11,500
Cumberland	1	4,659	Pouce Coupe	2	92,387
Fort St. James	5	12,520	Princeton	6	3,187
Fraser Lake	1	300	Qualicum Beach	2	813
Fruitvale	1	65	Salmo	4	15,699
Gibsons	10	8,275	Salmon Arm	5	6,504
Harrison Hot Springs	2	335	Sayward	1	392
Hazelton	----	----	Sechelt	1	21,663
Invermere	1	2,559	Silverton	----	----
Kaslo	4	42,374	Slocan	----	----
Keremeos	6	20,272	South Fort George	5	12,532
Lake Cowichan	2	14,475	Taylor	6	27,331
Lillooet	4	5,726	Telkwa	2	5,773
Lumby	2	39,942	Tofino	1	10
Lytton	3	24,249	Ucluelet	3	555
McBride	2	163	Valemount	----	----
Masset	3	15,687	Vanderhoof	5	17,792
Midway	----	----	Warfield	1	150
Montrose	2	207	Zeballos	1	200
Nakusp	5	27,790			
			Totals	170	$703,746

Fire Districts (17)

Cariboo, County of	339	$3,007,240	University Area	25	31,277
Colwood	14	3,247	Vancouver, County of	64	$523,294
Ioco	2	3,246	Vernon	1	75
Kootenay, County of	163	2,061,967	Victoria, County of	48	154,373
Langford	12	48,266	View Royal	17	45,257
Nanaimo, County of	184	995,362	Westminster, County of	30	64,412
Ocean Falls	8	1,649,727	Yale, County of	300	1,431,119
Prince George	----	----			
Prince Rupert, County of	93	703,397	Totals	1,304	$10,724,813
Sooke	4	2,554			
			Grand totals	7,602	$27,514,446

Construction of Buildings Burned

	Number	Amount of Loss
Fire resistive—		
City municipalities	11	$11,103
District municipalities	-----	-----
Town municipalities	-----	-----
Village municipalities	-----	-----
Fire districts	2	145
Brick, concrete, or heavy timber—		
City municipalities	410	2,248,766
District municipalities	94	711,635
Town municipalities	3	25,854
Village municipalities	7	78,781
Fire districts	23	156,098
Wood frame—		
City municipalities	2,122	5,708,951
District municipalities	1,745	5,326,274
Town municipalities	99	594,100
Village municipalities	119	571,800
Fire districts	817	7,952,713
Metal or corrugated iron—		
City municipalities	920	507,701
District municipalities	685	886,594
Town municipalities	39	74,909
Village municipalities	44	53,165
Fire districts	462	2,615,857
Totals	7,602	$27,514,446

TABLE IV—CAUSES OF FIRES

Causes of Fires	Number	Amount of Loss	Total Number	Total Amount of Loss
Aeroplane crash			1	$45,000
Boiler or boiler-pipes defective or overheated			6	29,175
Candles and open flames			83	54,385
Chemical explosion			8	117,539
Children playing with fire			26	41,977
Chimney—				
Defective or overheated	67	$234,000		
Sparks from	29	244,341		
			96	478,341
Collision			41	32,077
Defective battery connection			36	23,755
Defective muffler			3	636
Defective wiring			91	579,541
Derailment			3	241,200
Dust explosion			2	434,887
Electrical wiring and equipment (improper use of appliance or defective equipment)			448	497,456
Electrical wiring overloaded			21	118,541
Electro-welding equipment, sparks from			1	4,800
Engine backfiring			328	173,192
Exposure			169	741,895
Film			1	142
Fireplace—				
Defective	23	$22,986		
Sparks from	118	130,158		
			141	153,144
Fireworks			49	52,126
Friction—				
In brake drum	23	$29,547		
In conveyer belt	2	700		
In machinery	22	186,994		
In pulley	3	76,316		
In tires	9	9,123		
			59	302,680
Furnace or furnace-pipes—				
Combustible materials too near	13	$91,645		
Defective	9	60,972		
Insufficiently protected	9	7,476		
Sparks from	6	1,845		
			37	161,938
Gas, liquefied petroleum—				
Explosion	22	$63,737		
Improper installation of appliance	3	1,572		
Improper use of or defective equipment	49	240,214		
			74	305,523
Gas, natural—				
Explosion	12	$65,676		
Improper installation of appliance	2	400		
Improper use of or defective equipment	27	16,925		
			41	83,001
Gasoline—				
Broken line	169	$213,476		
Carelessness with	57	100,301		
On exhaust pipe	137	134,193		
Pump damaged by motor-vehicle	4	705		
Stove, lamp, torch	41	84,753		
Used in cleaning	13	7,002		
Used to kindle fire	12	63,145		
Vapour explosion	79	325,103		
			512	928,678
Heat radiation			92	90,806
Hot ashes, coals, etc.			26	17,804
Hot grease, oil, tar, etc., ignition of			456	687,564
Incendiary			374	1,939,165
Inflammable vapours, ignition of			43	151,291
Kerosene—				
Carelessness with	3	$1,063		
Stove, lamp, torch	6	4,434		
Used to kindle fire	4	12,025		
			13	17,522

TABLE IV—CAUSES OF FIRES—*Continued*

Causes of Fires	Number	Amount of Loss	Total Number	Total Amount of Loss
Lightning			9	$32,051
Matches—				
Carelessness with	33	$24,693		
Children with	251	778,298		
			284	802,991
Molten metal			5	30,159
Motor-vehicle upset			26	65,272
Oil-burner—				
Broken line	4	$10,780		
Defective	108	490,551		
Defective equipment	39	110,055		
Explosion	43	329,314		
Sparks from	9	44,077		
			203	984,777
Oxy-gas welding or cutting equipment, etc.—				
Defective	10	$35,478		
Improper use of	16	131,533		
Sparks from	60	1,068,570		
			86	1,235,581
Short circuit			664	1,173,580
Smokers' carelessness—				
In bed	287	$276,913		
In the home	882	813,075		
In unlisted locations	378	596,956		
While intoxicated	32	53,675		
			1,579	1,740,619
Sparks from bonfire			72	59,290
Sparks from bush fire			19	77,402
Sparks from engine			12	105,511
Sparks from grinder			4	14,857
Sparks from mill-burner			16	340,636
Spontaneous ignition			43	263,842
Steam or other pipes insufficiently protected			5	6,389
Stove or stove-pipes—				
Combustible materials too near	210	$304,945		
Defective	13	37,795		
Explosion	2	12,705		
Insufficiently protected	88	220,035		
Sparks from	14	56,668		
			327	632,148
Sulphur, ignition of			6	27,323
Thawing pipes			46	87,681
Unknown			915	11,328,556
Totals			7,602	$27,514,446

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES

Property		Causes		Amount of Loss	
				$	$
Aircraft	1	Aeroplane crash	1		45,000
Airports and hangars	1	Smoker's carelessness	1		75
Amusement parks	7	Incendiary	6	1,000	
		Matches, children with	1	25	
					1,025
Apartments	411	Candles and open flames	8	1,095	
		Children playing with fire	1	5	
		Chimney, sparks from	1	3,755	
		Electrical appliances and equipment	30	26,182	
		Exposure	7	11,100	
		Fireworks	2	550	
		Gas, natural—			
		Explosion	3	3,055	
		Improper use of or defective equipment	1	264	
		Gasoline—			
		Carelessness with	1	310	
		Stove, lamp, torch	3	5,357	
		Used in cleaning	1	350	
		Heat radiation	3	110	
		Hot ashes, coals, etc.	3	8,583	
		Hot grease, oil, tar, etc., ignition of	45	28,613	
		Incendiary	20	7,807	
		Inflammable vapours, ignition of	3	373	
		Matches, children with	9	2,480	
		Oil-burner—			
		Defective	2	600	
		Explosion	1	100	
		Oxy-gas welding or cutting equipment, sparks from	1	25	
		Short circuit	5	1,959	
		Smokers' carelessness	210	318,720	
		Spontaneous ignition	2	487	
		Stove or stove-pipes—			
		Combustible materials too near	15	5,380	
		Sparks from	1	182	
		Thawing pipes	1	475	
		Unknown	32	186,569	
					614,486
Armouries	1	Incendiary	1		350
Bakeries	3	Exposure	1	584	
		Hot grease, oil, tar, etc., ignition of	1	150	
		Smoker's carelessness	1	208	
					942
Banks	1	Smoker's carelessness	1		8,000
Barber shops and beauty parlours	6	Electrical appliances and equipment	1	50	
		Exposure	1	1,000	
		Incendiary	2	2,691	
		Smokers' carelessness	2	1,266	
					5,007
Barges and scows	3	Engine backfiring	1	50	
		Oxy-gas welding or cutting equipment, sparks from	1	4,250	
		Unknown	1	200	
					4,500
Barns and stables	73	Electrical appliances and equipment	1	200	
		Electrical wiring overloaded	1	300	
		Exposure	1	3,000	
		Incendiary	13	188,966	
		Lightning	1	500	
		Matches, children with	7	16,723	
		Short circuit	4	16,544	
		Smokers' carelessness	2	30,119	
		Sparks from bonfire	6	13,833	
		Sparks from bush fire	1	750	
		Sparks from engine	1	3,600	
		Spontaneous ignition	2	19,000	
		Unknown	33	268,695	
					562,230
Bath-houses	1	Stove, sparks from	1		2,500
Boarding-houses	7	Heat radiation	1	50	
		Smokers' carelessness	5	5,590	
		Unknown	1	3,163	
					8,803

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Bowling alleys	4	Incendiary	1	300	
		Smokers' carelessness	2	91,422	
		Unknown	1	22,064	
					113,786
Breweries	2	Defective wiring	1	100	
		Incendiary	1	100	
					200
Bridges	4	Incendiary	2	100	
		Sparks from engine	1	16,000	
		Unknown	1	10,450	
					26,550
Buildings under construction	33	Electrical appliances and equipment	2	5,069	
		Gas, liquefied petroleum, improper use of or defective equipment	1	200	
		Gasoline stove, lamp, torch	5	14,648	
		Incendiary	5	139,947	
		Inflammable vapours, ignition of	3	9,533	
		Matches, children with	3	986	
		Oxy-gas welding or cutting equipment—			
		Defective	1	50	
		Sparks from	3	803,930	
		Short circuit	1	12,000	
		Smoker's carelessness	1	20,000	
		Sparks from bonfire	1	100	
		Unknown	7	38,142	
					1,044,605
Bunkhouses	17	Gas, liquefied petroleum, improper use of or defective equipment	2	42,500	
		Matches, carelessness with	1	20,000	
		Oil-burner—			
		Broken line	1	7,000	
		Defective	4	43,007	
		Short circuit	1	200	
		Sparks from mill-burner	1	25	
		Stove insufficiently protected	2	7,500	
		Unknown	5	7,250	
					127,482
Cement plants	1	Engine backfiring	1		50
Chemical plants	3	Electrical appliances and equipment	2	40	
		Oxy-gas welding or cutting equipment, sparks from	1	10	
					50
Churches and church properties	19	Chimney defective or overheated	1	1,079	
		Electrical appliances and equipment	1	408	
		Fireworks	1	75	
		Heat radiation	1	107	
		Hot grease, oil, tar, etc., ignition of	1	1,441	
		Incendiary	7	66,930	
		Matches, children with	3	455	
		Oil-burner, defective equipment	1	14,291	
		Stove, combustible material too near	1	21,805	
		Unknown	2	19,000	
					125,591
Clubhouses (golf, yacht, etc.)	12	Fireplace, sparks from	1	87	
		Incendiary	5	8,205	
		Oil-burner, defective equipment	1	1,777	
		Smoker's carelessness	1	10	
		Sparks from bonfire	1	2,966	
		Stove insufficiently protected	1	75	
		Unknown	2	15,800	
					28,920
Clubs	5	Hot grease, oil, tar, etc., ignition of	1	7,319	
		Smokers' carelessness	3	3,422	
		Unknown	1	1,000	
					11,741
Coal and lumber yards	5	Sparks from bonfire	2	1,072	
		Spontaneous ignition	1	1,000	
		Unknown	2	55,496	
					57,568

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Compressors	5	Gasoline vapour explosion	1	2,907	
		Incendiary	1	25	
		Short circuit	2	3,470	
		Unknown	1	1,732	
					8,134
Cookhouses	4	Oil-burner explosion	2	196,000	
		Short circuit	1	129,201	
		Stove or stove-pipes, sparks from	1	45,000	
					370,201
Cranes	3	Exposure	1	300	
		Incendiary	1	10	
		Short circuit	1	200	
					510
Dairies	1	Thawing pipes	1		2,900
Dry-cleaning plants	2	Hot grease, oil, tar, etc., ignition of	1	3,728	
		Unknown	1	400	
					4,128
Dwellings	3,299	Candles and open flames	66	49,804	
		Children playing with fire	19	22,071	
		Chimney—			
		Defective or overheated	57	209,736	
		Sparks from	20	34,215	
		Defective wiring	41	230,769	
		Electrical appliances and equipment	311	240,968	
		Electrical wiring overloaded	14	92,366	
		Exposure	44	263,559	
		Film	1	142	
		Fireplace—			
		Defective	24	23,211	
		Sparks from	116	129,846	
		Fireworks	25	32,340	
		Friction in machinery	2	73	
		Furnace or furnace-pipe—			
		Combustible materials too near	11	14,026	
		Defective	5	12,128	
		Insufficiently protected	4	734	
		Sparks from	3	1,070	
		Gas, liquefied petroleum—			
		Explosion	3	3,624	
		Improper installation of appliance	1	940	
		Improper use of or defective equipment	13	46,130	
		Gas, natural—			
		Explosion	5	23,497	
		Improper installation of appliance	1	100	
		Improper use of or defective equipment	23	16,330	
		Gasoline—			
		Broken line	2	10,749	
		Carelessness with	16	20,086	
		On exhaust pipe	1	29	
		Stove, lamp, torch	21	48,269	
		Used in cleaning	6	4,367	
		Used to kindle fire	9	61,466	
		Vapour explosion	21	57,595	
		Heat radiation	56	31,682	
		Hot ashes, coals, etc.	16	4,225	
		Hot grease, oil, tar, etc., ignition of	351	209,146	
		Incendiary	70	142,857	
		Inflammable vapours, ignition of	19	26,428	
		Kerosene—			
		Carelessness with	2	463	
		Stove, lamp, torch	3	851	
		Used to kindle fire	4	12,025	
		Lightning	7	7,448	
		Matches—			
		Carelessness with	20	2,871	
		Children with	152	253,708	
		Molten metal	2	208	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
		Oil-burner—		$	$
		Broken line	1	205	
		Defective	66	128,971	
		Defective equipment	22	23,875	
		Explosion	27	77,025	
		Sparks from	4	20,050	
		Oxy-gas welding or cutting equipment—			
		Defective	1	29,500	
		Improper use of	3	15,108	
		Sparks from	5	823	
		Short circuit	138	256,918	
		Smokers' carelessness—			
		In bed	97	87,292	
		In the home	737	649,969	
		While intoxicated	12	36,014	
		Sparks from bonfire	20	3,191	
		Sparks from bush fire	7	14,558	
		Sparks from engine	2	25,464	
		Sparks from mill-burner	1	358	
		Spontaneous ignition	14	52,493	
		Stove or stove-pipe—			
		Combustible material too near	161	219,575	
		Defective	10	29,649	
		Explosion	2	12,705	
		Insufficiently protected	62	134,780	
		Sparks from	7	6,814	
		Thawing pipes	31	46,411	
		Unknown	282	1,843,613	
					6,138,513
Electric-light plants	4	Electrical appliances and equipment	1	2,607	
		Hot grease, oil, tar, etc., ignition of	1	507	
		Short circuit	2	3,929	
					7,043
Electric-light and telephone poles	1	Short circuit	1		50
Electrical repair shops	2	Incendiary	1	1,640	
		Short circuit	1	250	
					1,890
Electrical substations	1	Short circuit	1		2,000
Elevators (grain)	2	Oxy-gas welding or cutting equipment, sparks from	1	45,659	
		Unknown	1	92,355	
					138,014
Engines	4	Gasoline—			
		Broken line	1	3,500	
		On exhaust pipe	1	30	
		Vapour explosion	1	33	
		Smoker's carelessness	1	75	
					3,638
Factories—					
Cement-block	4	Gas, liquefied petroleum, improper use of or defective equipment	1	400	
		Short circuit	1	29,000	
		Sparks from engine	1	200	
		Unknown	1	43,904	
					73,504
Clay products	2	Fireworks	1	2,000	
		Unknown	1	16,000	
					18,000
Clothing	1	Spontaneous	1		486
Electro-plating	1	Exposure	1		98
Food products	3	Short circuit	1	5,000	
		Unknown	2	151,824	
					156,824
Furniture	1	Incendiary	1		25
Hardwood flooring	1	Hot grease, oil, tar, etc., ignition of	1		305
Industrial equipment	7	Electrical appliances and equipment	2	438	
		Gasoline vapour explosion	1	1,095	
		Hot grease, oil, tar, etc., ignition of	1	2,969	
		Incendiary	1	3,198	
		Inflammable vapours, ignition of	1	125	
		Matches, children with	1	25	
					7,850
Paper products	1	Electrical appliances and equipment	1		1,000

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Factories—*Continued*					
Rag	1	Incendiary	1		25
Rock-wool insulation	2	Friction in machinery	1	200	
		Inflammable vapours, ignition of	1	500	
					700
Roofing material	1	Hot grease, oil, tar, etc., ignition of	1		7,509
Rope	2	Smoker's carelessness	1	727	
		Unknown	1	30,926	
					31,653
Sash and door	3	Electrical appliances and equipment	1	500	
		Incendiary	1	9,792	
		Stove, combustible material too near	1	50	
					10,342
Upholstery	1	Incendiary	1		1,000
Veneer and plywood	10	Boiler or boiler-pipes—			
		Defective or overheated	1	550	
		Electrical appliances and equipment	1	1,200	
		Oxy-gas welding or cutting equipment, sparks from	2	150	
		Short circuit	1	2,000	
		Smoker's carelessness	1	300	
		Sparks from grinder	1	50	
		Steam-pipes insufficiently protected	1	50	
		Unknown	2	6,207	
					10,507
Wood-box	2	Sparks from bonfire	1	860	
		Sparks from engine	1	38,920	
					39,780
Fences	15	Children playing with fire	1	10	
		Defective wiring	1	25	
		Matches, children with	1	25	
		Sparks from bonfire	9	1,282	
		Sparks from bush fire	1	51	
		Unknown	2	60	
					1,453
Fertilizer plants	1	Oxy-gas welding or cutting equipment, sparks from	1		25
Fire and police stations	1	Matches, carelessness with	1		25
Fishing-boats	28	Electrical appliances and equipment	1	200	
		Exposure	2	1,600	
		Gasoline—			
		Broken line	1	8,000	
		Carelessness with	1	2,000	
		On exhaust pipe	1	150	
		Stove, lamp, torch	1	5,000	
		Vapour explosion	5	26,300	
		Incendiary	1	5,000	
		Oil-burner—			
		Broken line	1	3,500	
		Defective	1	6,500	
		Explosion	1	10,000	
		Sparks from	2	23,000	
		Stove or stove-pipes, combustible material too near	2	2,500	
		Stove insufficiently protected	3	26,207	
		Unknown	5	54,714	
					174,671
Flour, feed, and rice mills	1	Unknown	1		249,475
Foundries	4	Chimney, sparks from	1	50	
		Electro-welding equipment, sparks from	1	4,800	
		Fireworks	1	383	
		Molten metal	1	26,936	
					32,169
Fruit-packing plants	1	Unknown	1		328,549
Gaols and industrial institutions	26	Gasoline used in cleaning	1	4	
		Incendiary	18	926	
		Oil-burner, defective equipment	1	470	
		Short circuit	1	5	
		Smokers' carelessness	3	25	
		Stove defective	1	5	
		Unknown	1	1,500	
					2,935

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Garages—					
Private	120	Children playing with fire	1	2,226	
		Chimney, sparks from	1	110	
		Electrical appliances and equipment	2	1,939	
		Exposure	9	9,435	
		Fireworks	4	3,631	
		Gasoline—			
		Carelessness with	6	6,244	
		Vapour explosion	3	285	
		Hot ashes, coals, etc.	1	75	
		Incendiary	32	31,376	
		Inflammable vapours, ignition of	1	100	
		Matches—			
		Carelessness with	3	100	
		Children with	23	8,708	
		Oxy-gas welding and cutting equipment, improper use of	1	600	
		Short circuit	1	1,200	
		Smokers' carelessness—			
		In bed	1	200	
		In the home	6	3,450	
		Sparks from bonfire	4	1,373	
		Sparks from grinder	1	4,450	
		Unknown	20	31,104	
					106,606
Public	39	Chimney defective or overheated	2	7,655	
		Collision	1	405	
		Defective wiring	1	1,600	
		Gas, liquefied petroleum, improper use of or defective equipment	1	2,955	
		Gas, natural—			
		Explosion	1	27,588	
		Improper use of or defective equipment	1	139	
		Gasoline—			
		Carelessness with	1	65	
		Vapour explosion	2	115,285	
		Inflammable vapours, ignition of	2	88,210	
		Kerosene, carelessness with	1	600	
		Oil-burner—			
		Defective	1	50,929	
		Defective equipment	1	1,667	
		Sparks from	1	177	
		Oxy-gas welding or cutting equipment—			
		Improper use of	2	105,475	
		Sparks from	6	62,875	
		Short circuit	3	20,007	
		Smoker's carelessness	1	11,987	
		Spontaneous ignition	1	75	
		Stove insufficiently protected	1	1,700	
		Unknown	9	231,903	
					731,297
Gas-manufacturing plants	1	Chemical explosion	1		25,429
Gasoline stations (service)	24	Chimney defective or overheated	1	6,400	
		Gasoline—			
		Carelessness with	1	3,500	
		Pump damaged by motor-vehicle	2	505	
		Used in cleaning	3	1,931	
		Vapour explosion	6	38,919	
		Incendiary	2	75	
		Inflammable vapours, ignition of	1	9,000	
		Oxy-gas welding or cutting equipment—			
		Improper use of	1	149	
		Sparks from	3	4,633	
		Sparks from bonfire	1	300	
		Unknown	3	48,720	
					114,132
Grandstands	2	Incendiary	1	1,349	
		Matches, children with	1	263,504	
					264,853
Gravel pits and plants	1	Oxy-gas welding or cutting equipment, sparks from	1		498

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Greenhouses	5	Boiler or boiler-pipes defective or overheated	1	3,200	
		Electrical appliances and equipment	1	416	
		Gasoline, carelessness with	1	350	
		Oil-burner defective	1	50	
		Sparks from bonfire	1	1,800	
					5,816
Halls	22	Exposure	3	14,698	
		Incendiary	4	36,679	
		Smoker's carelessness	1	100	
		Stove or stove-pipes—			
		Combustible materials too near	1	206	
		Sparks from	1	373	
		Unknown	12	300,580	
					352,636
Haystacks and balers	2	Gasoline vapour explosion	1	2,000	
		Unknown	1	1,000	
					3,000
Hospitals, institutions, and nursing homes	66	Electrical appliances and equipment	3	447	
		Gas, natural, improper installation of appliance	1	300	
		Hot grease, oil, tar, etc., ignition of	1	500	
		Incendiary	1	50	
		Matches, carelessness with	2	456	
		Oil-burner defective	1	296	
		Oxy-gas welding or cutting equipment, sparks from	1	9,213	
		Short circuit	2	7,293	
		Smokers' carelessness—			
		In bed	42	2,271	
		In public premises	7	3,150	
		Sparks from bonfire	1	150	
		Stoves, combustible materials too near	1	10	
		Unknown	3	345	
					24,481
Hotels	124	Candles and open flames	1	42	
		Chimney, sparks from	2	202,286	
		Defective wiring	1	60,000	
		Electrical appliances and equipment	4	11,607	
		Exposure	2	35,723	
		Furnace defective	1	44,434	
		Gas, natural, explosion	1	40	
		Heat radiation	1	100	
		Hot grease, oil, tar, etc., ignition of	3	2,200	
		Incendiary	7	1,710	
		Matches, carelessness with	1	21	
		Oil-burners—			
		Defective	1	3,879	
		Explosion	1	1,006	
		Short circuit	2	2,107	
		Smokers' carelessness—			
		In bed	58	114,297	
		In the home	3	216	
		In public premises	13	96,356	
		While intoxicated	12	2,623	
		Stove—			
		Combustible materials too near	3	170	
		Insufficiently protected	1	100	
		Unknown	6	520,591	
					1,099,508
Kennels	1	Unknown	1		6,270
Knitting-mills	1	Friction in conveyer belt	1		200
Laboratories (research)	6	Chemical explosion	1	1,000	
		Electrical appliances and equipment	2	650	
		Hot grease, oil, tar, etc., ignition of	1	325	
		Short circuit	1	400	
		Unknown	1	32,988	
					35,363
Launches and other small craft	27	Defective battery connection	1	10	
		Electrical appliances and equipment	1	4,000	
		Engine backfiring	1	194	
		Gasoline—			
		Carelessness with	2	446	
		Vapour explosion	5	30,191	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
		Incendiary	4	20,975	
		Matches, children with	1	300	
		Short circuit	6	11,990	
		Stove defective	1	8,000	
		Unknown	5	35,667	
					111,773
Laundries	16	Boiler or boiler-pipes overheated	1	10,778	
		Electrical appliances and equipment	9	2,226	
		Gas, liquefied petroleum, improper use of or defective equipment	1	44	
		Gas, natural, improper use of or defective equipment	1	122	
		Short circuit	2	434	
		Smoker's carelessness in the home	1	60	
		Spontaneous ignition	1	50	
					13,714
Libraries	2	Short circuit	1	50	
		Unknown	1	100	
					150
Logging-camps	8	Friction in machinery	1	497	
		Friction in pulley	2	75,966	
		Oil-burner defective	1	38,550	
		Unknown	4	176,350	
					291,363
Machine shops	7	Incendiary	2	17,476	
		Oxy-gas welding or cutting equipment—			
		Improper use of	1	5,300	
		Sparks from	3	4,595	
		Short circuit	1	18,589	
					45,960
		Unknown	1		177,210
Meat-packing plants	1	Gasoline vapour explosion	1	15,283	
Metal-salvage plants	2	Unknown	1	10,000	
					25,283
Mines and mining properties	5	Electrical appliances and equipment	1	11,441	
		Short circuit	1	21,877	
		Unknown	3	48,123	
					81,441
Motor courts	62	Candles and open flames	1	321	
		Chimney defective or overheated	3	789	
		Defective wiring	1	103	
		Electrical appliances and equipment	4	1,281	
		Gas, liquefied petroleum—			
		Explosion	2	1,064	
		Improper use of or defective equipment	2	25,732	
		Gas, natural, explosion	1	162	
		Gasoline vapour explosion	1	8,500	
		Hot grease, oil, tar, etc., ignition of	3	776	
		Incendiary	1	1,342	
		Matches, children with	1	25	
		Oil-burner—			
		Defective equipment	1	1,542	
		Explosion	1	392	
		Short circuit	3	1,912	
		Smokers' carelessness—			
		In bed	11	4,054	
		In the home	9	667	
		In public premises	1	35	
		While intoxicated	1	2,512	
		Spontaneous ignition	1	1,075	
		Stove or stove-pipes—			
		Combustible materials too near	6	11,471	
		Defective	1	141	
		Insufficiently protected	2	10,062	
		Thawing pipes	2	3,635	
		Unknown	3	17,197	
					94,790

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Motor-vehicles (*1,932)—					
Automobiles (passenger)	1,459	Candles and open flames	1	400	
		Collision	31	22,592	
		Defective battery connection	24	4,191	
		Defective muffler	3	636	
		Defective wiring	21	7,155	
		Electrical appliances and equipment	13	4,299	
		Engine backfiring	265	96,658	
		Exposure	30	20,512	
		Fireworks	5	4,236	
		Friction—			
		In brake drum	13	7,984	
		In machinery	4	1,050	
		In tires	6	3,514	
		Gas, liquefied petroleum, improper use of or defective equipment	1	50	
		Gasoline—			
		Broken line	123	53,500	
		Carelessness with	11	1,383	
		On exhaust pipe	108	57,457	
		Pump damaged by motor-vehicle	1	100	
		Stove, lamp, torch	3	3,225	
		Used in cleaning	1	300	
		Vapour explosion	18	12,514	
		Heat radiation	10	1,980	
		Incendiary	36	34,129	
		Inflammable vapours, ignition of	4	1,087	
		Matches—			
		Carelessness with	4	320	
		Children with	3	525	
		Motor-vehicle upset	16	19,247	
		Oxy-gas welding or cutting equipment—			
		Defective	2	4,250	
		Improper use of	7	4,601	
		Sparks from	10	8,216	
		Short circuit	319	112,073	
		Smokers' carelessness	199	38,915	
		Sparks from bush fire	1	600	
		Spontaneous ignition	2	157	
		Steam-pipes insufficiently protected	1	15	
		Stove or stove-pipes—			
		Combustible material too near	2	2,345	
		Insufficiently protected	1	700	
		Unknown	160	79,395	
					610,311
Buses	3	Defective battery connection	1	300	
		Engine backfiring	1	150	
		Fireworks	1	50	
					500
Campers	9	Exposure	1	168	
		Gas, liquefied petroleum—			
		Explosion	2	2,600	
		Improper use of or defective equipment	3	1,665	
		Gasoline stove, lamp, torch	1	3,500	
		Motor-vehicle upset	1	5,200	
		Oil-burner defective	1	600	
					13,733
Motor-cycles	35	Collision	4	3,830	
		Engine backfiring	14	5,429	
		Exposure	1	150	
		Gasoline—			
		Broken line	5	2,012	
		On exhaust pipe	2	135	
		Vapour explosion	3	175	
		Incendiary	2	80	
		Motor-vehicle upset	2	1,500	
		Short circuit	1	200	
		Unknown	1	400	
					13,911

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Motor-vehicles—*Continued*					
Tractors (bulldozers, graders, mowers, etc.)	124	Collision	1	4,000	
		Defective battery connection	4	3,443	
		Defective wiring	1	60,000	
		Engine backfiring	5	18,639	
		Exposure	3	20,700	
		Fireworks	1	100	
		Friction—			
		In brake drum	2	10,550	
		In tires	1	3,500	
		Gas, liquefied petroleum, improper use of or defective equipment	1	2,899	
		Gasoline—			
		Broken line	13	101,908	
		Carelessness with	6	27,170	
		On exhaust pipe	4	4,847	
		Vapour explosion	5	7,246	
		Heat radiation	6	41,315	
		Hot grease, oil, tar, etc., ignition of	4	37,345	
		Incendiary	2	1,919	
		Inflammable vapours, ignition of	2	5,718	
		Motor-vehicle upset	2	12,425	
		Oil-burner, sparks from	1	500	
		Oxy-gas welding or cutting equipment, sparks from	3	32,010	
		Short circuit	34	89,190	
		Sparks from bonfire	2	12,874	
		Sparks from bush fire	4	49,441	
		Unknown	17	123,943	
					671,682
Trailers and semi-trailers	20	Defective battery connection	1	299	
		Friction—			
		In brake drum	2	325	
		In machinery	1	501	
		In tires	1	2,000	
		Gas, liquefied petroleum—			
		Explosion	2	4,300	
		Improper use of or defective equipment	1	382	
		Gasoline—			
		Broken line	1	2,500	
		On exhaust pipe	1	35,000	
		Vapour explosion	2	550	
		Heat radiation	1	687	
		Matches, children with	1	75	
		Smoker's carelessness	1	200	
		Unknown	5	8,795	
					55,614
Trucks	282	Chemical explosion	1	500	
		Children playing with fire	1	140	
		Collision	4	1,250	
		Defective battery connection	5	15,512	
		Defective wiring	5	2,758	
		Electrical appliances and equipment	2	353	
		Engine backfiring	39	39,022	
		Exposure	14	36,150	
		Fireworks	1	300	
		Friction—			
		In brake drum	3	588	
		In machinery	1	1,000	
		In tires	1	109	
		Gas, liquefied petroleum—			
		Explosion	1	4,000	
		Improper use of or defective equipment	6	10,606	
		Gasoline—			
		Broken line	22	30,607	
		On exhaust pipe	19	36,545	
		Stove, lamp, torch	1	250	
		Used to kindle fire	1	949	
		Heat radiation	7	13,024	
		Hot grease, oil, tar, etc., ignition of	1	100	
		Incendiary	11	22,718	
		Matches, carelessness with	1	900	
		Motor-vehicle upset	5	26,900	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
Motor-vehicles—*Continued*		Oxy-gas welding or cutting equipment—		$	$
		Defective	1	184	
		Improper use of	1	300	
		Sparks from	4	1,740	
		Short circuit	64	33,382	
		Smokers' carelessness	9	1,246	
		Sparks from bonfire	3	1,525	
		Sparks from bush fire	2	1,470	
		Sparks from engine	3	18,000	
		Steam pipes insufficiently protected	1	25	
		Unknown	42	116,476	
				418,629	
					*1,784,380
Mushroom-houses	2	Incendiary	1	2,644	
		Stoves insufficiently protected	1	800	
					3,444
Offices	44	Electrical appliances and equipment	2	535	
		Exposure	8	6,018	
		Gas, liquefied petroleum, improper use of or defective equipment	1	1,650	
		Incendiary	9	84,314	
		Matches, children with	1	22	
		Oil-burner defective	1	294	
		Short circuit	2	1,703	
		Smokers' carelessness	6	22,035	
		Spontaneous ignition	2	36,490	
		Stove or stove-pipes—			
		Combustible material too near	2	6,493	
		Insufficiently protected	1	5,021	
		Unknown	9	216,834	
					381,409
Oil storage-tanks	1	Inflammable vapours, ignition of	1		828
Oil or gas wells	2	Gasoline, carelessness with	1	7,675	
		Oil-burner, defective	1	25,000	
					32,675
Paper- and pulp-mills	18	Boiler or boiler-pipes defective or overheated	1	11,274	
		Electrical appliances and equipment	2	3,005	
		Electrical wiring overloaded	1	200	
		Friction in machinery	3	35,994	
		Gasoline vapour explosion	1	175	
		Hot grease, oil, tar, etc., ignition of	1	11,329	
		Lightning	1	24,103	
		Oxy-gas welding and cutting equipment—			
		Defective	1	180	
		Sparks from	1	5,000	
		Steam pipe insufficiently protected	1	1,200	
		Thawing pipes	1	25	
		Unknown	4	316,013	
					408,498
Peat plants	3	Friction in conveyer belt	1	500	
		Spontaneous ignition	2	92,149	
					92,649
Piggeries	4	Defective wiring	1	1,000	
		Electrical appliances and equipment	2	12,500	
		Stove insufficiently protected	1	450	
					13,950
Pipe-lines (natural gas)	1	Explosion	1		11,334
Poolrooms	1	Unknown	1		5,250
Poultry houses	14	Chimney, sparks from	1	725	
		Electrical appliances and equipment	2	1,217	
		Gas, liquefied petroleum—			
		Explosion	1	1,933	
		Improper use of or defective equipment	1	23,997	
		Gasoline, carelessness with	1	700	
		Oil-burners, defective	2	16,839	
		Short circuit	1	463	
		Unknown	5	19,526	
					65,400
Power-houses	2	Candles and open flames	1	275	
		Short circuit	1	1,000	
					1,275

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
Printing plants	7	Friction in machinery	1	912	
		Gasoline, carelessness with	1	14,678	
		Inflammable vapours, ignition of	1	1,199	
		Short circuit	1	150	
		Smoker's carelessness	1	2,368	
		Unknown	2	266	
					19,573
Pumps and pump-houses	10	Electrical appliances and equipment	2	3,413	
		Hot grease, oil, tar, etc., ignition of	1	235,052	
		Matches, children with	1	1,500	
		Oil-burner explosion	1	800	
		Short circuit	2	1,056	
		Spontaneous ignition	1	100	
		Thawing pipes	1	550	
		Unknown	1	350	
					242,821
Radio stations	1	Electrical appliances and equipment	1		644
Railroads—					
Rolling-stock	21	Boiler or boiler pipes defective or overheated	1	373	
		Derailment	3	241,200	
		Friction in brake drum	1	8,000	
		Hot ashes, coals, etc.	1	1,500	
		Incendiary	1	25	
		Kerosene stove, lamp, torch	1	600	
		Oil-burner—			
		Broken line	1	75	
		Defective	1	5,000	
		Defective equipment	1	3,000	
		Sparks from	1	350	
		Oxy-gas welding or cutting equipment, sparks from	1	3,000	
		Short circuit	2	3,066	
		Smoker's carelessness	1	3,000	
		Sparks from engine	1	2,500	
		Spontaneous ignition	1	300	
		Stove, combustible material too near	1	5,500	
		Unknown	2	6,300	
					283,789
Roundhouses	1	Incendiary	1		355
Stations and properties	2	Incendiary	1	22,554	
		Oxy-gas welding or cutting equipment, sparks from	1	100	
					22,654
Refineries (sugar)	1	Smoker's carelessness	1		40
Restaurants	41	Defective wiring	1	48,050	
		Electrical appliances and equipment	3	114,112	
		Gas, liquefied petroleum, improper installation of appliance	1	332	
		Hot ashes, coals, etc.	1	375	
		Hot grease, oil, tar, etc., ignition of	19	21,675	
		Incendiary	1	121	
		Oil-burner explosion	1	150	
		Short circuit	1	36,425	
		Smokers' carelessness	3	566	
		Spontaneous ignition	1	27,980	
		Stove or stove-pipes—			
		Combustible material too near	2	8,181	
		Insufficiently protected	2	2,305	
		Unknown	5	71,202	
					331,474
Rinks (curling)	2	Unknown	2		76,444
Rooming-houses	39	Defective wiring	1	1,135	
		Electrical appliances and equipment	5	562	
		Gas, liquefied petroleum, improper use of or defective equipment	1	6,849	
		Gas, natural, improper use of or defective equipment	1	70	
		Hot grease, oil, tar, etc., ignition of	1	100	
		Incendiary	2	1,100	
		Matches, children with	2	1,915	
		Short circuit	1	100	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
		Smokers' carelessness—			
		In bed	8	8,821	
		In the home	9	14,351	
		While intoxicated	1	150	
		Stove or stove-pipes, combustible materials too near	2	11,203	
		Thawing pipes	1	100	
		Unknown	4	31,539	
					77,995
Sawmills	61	Chimney, sparks from	1	1,000	
		Defective wiring	1	136,000	
		Dust explosion	1	434,187	
		Electrical appliances and equipment	3	2,941	
		Friction in machinery	6	145,603	
		Furnace or furnace-pipes—			
		Combustible material too near	1	500	
		Sparks from	1	419	
		Gasoline, carelessness with	1	8,685	
		Matches, children with	1	155,000	
		Oil-burner—			
		Defective	1	59,644	
		Defective equipment	1	36,500	
		Oxy-gas welding or cutting equipment, sparks from	4	57,960	
		Short circuit	6	34,172	
		Sparks from bonfire	1	1,000	
		Sparks from bush fire	1	10,000	
		Sparks from grinder	1	8,957	
		Sparks from mill-burner	11	337,103	
		Spontaneous ignition	1	700	
		Steam pipes insufficiently protected	1	5,099	
		Unknown	17	545,592	
					1,981,062
Schools and colleges	71	Chemical explosion	4	610	
		Children playing with fire	1	25	
		Electrical appliances and equipment	1	504	
		Fireworks	1	595	
		Hot grease, oil, tar, etc., ignition of	1	8,876	
		Incendiary	27	719,315	
		Matches, children with	8	4,360	
		Oil-burner—			
		Defective	2	21,509	
		Defective equipment	2	348	
		Explosion	1	3,526	
		Smokers' carelessness—			
		In bed	1	95	
		In public premises	3	7,932	
		Sparks from bonfire	1	9,000	
		Spontaneous ignition	1	514	
		Unknown	17	2,348,189	
					3,125,398
Sheds	157	Candles and open flames	2	1,193	
		Chimney defective or overheated	1	650	
		Defective wiring	2	5,700	
		Electrical appliances and equipment	3	3,584	
		Exposure	1	50	
		Fireworks	3	1,806	
		Gas, liquefied petroleum, improper use of or defective equipment	3	1,590	
		Gasoline—			
		Carelessness with	5	3,489	
		Stove, lamp, torch	1	2,304	
		Used in cleaning	1	50	
		Hot ashes, coals, etc.	3	2,996	
		Incendiary	23	17,687	
		Matches, children with	15	8,152	
		Oil-burner—			
		Defective	1	1,278	
		Defective equipment	1	1,069	
		Explosion	1	7,000	
		Oxy-gas welding and cutting equipment, sparks from	1	10,100	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
		Short circuit	1	7,105	
		Smokers' carelessness—			
		In the home	3	1,040	
		In public premises	9	6,790	
		While intoxicated	1	5,548	
		Sparks from bonfire	11	5,078	
		Sparks from bush fire	2	532	
		Sparks from engine	1	600	
		Sparks from mill-burner	1	900	
		Spontaneous ignition	5	2,821	
		Stove or stove-pipes—			
		Combustible material too near	1	4,786	
		Insufficiently protected	1	745	
		Sparks from	2	710	
		Sulphur, ignition of	1	1,571	
		Unknown	51	68,234	
					175,158
Sheet-metal works	1	Inflammable vapours	1		1,237
Shingle-mills	6	Boiler or boiler pipes defective or overheated	1	3,000	
		Furnace, sparks from	1	200	
		Short circuit	1	22,787	
		Sparks from mill-burner	1	1,500	
		Spontaneous ignition	1	2,205	
		Unknown	1	100	
					29,792
Ships	1	Unknown	1		25,105
Slaughter-houses	1	Unknown	1		11,700
Smelting plants	25	Defective wiring	1	100	
		Dust explosion	1	700	
		Electrical appliances and equipment	2	1,250	
		Electrical wiring overloaded	1	20	
		Friction in machinery	1	500	
		Friction in pulley	1	350	
		Furnace—			
		Defective	1	1,000	
		Insufficiently protected	1	500	
		Gasoline stove, lamp, torch	1	10	
		Heat radiation	3	920	
		Hot grease, oil, tar, etc., ignition of	1	800	
		Molten metal	2	3,015	
		Oil-burner, defective equipment	1	100	
		Oxy-gas welding or cutting equipment, sparks from	2	225	
		Short circuit	5	3,760	
		Spontaneous ignition	1	250	
					13,500
Smoke-houses	8	Candles and open flames	1	100	
		Defective wiring	1	656	
		Hot ashes, coals, etc.	1	50	
		Hot grease, oil, tar, etc., ignition of	4	4,148	
		Stove insufficiently protected	1	55	
					5,009
Steel-fabricating plant	1	Oxy-gas welding or cutting equipment, sparks from	1		2,683
Stores	163	Chimney defective or overheated	1	50	
		Chimney, sparks from	1	2,000	
		Defective wiring	4	891	
		Electrical appliances and equipment	8	6,254	
		Exposure	29	160,415	
		Fireworks	2	6,050	
		Furnace, combustible material too near	1	77,119	
		Gas, liquefied petroleum, improper use of or defective equipment	2	57,686	
		Gasoline stove, lamp, torch	1	350	
		Heat radiation	2	731	
		Hot grease, oil, tar, etc., ignition of	2	165	
		Incendiary	23	152,798	
		Inflammable vapours, ignition of	1	4,124	
		Matches, children with	4	6,225	
		Oil-burner—			
		Defective	2	13,817	
		Defective equipment	1	4,481	
		Explosion	2	12,334	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
		Short circuit	8	3,466	
		Smokers' carelessness—			
		In bed	1	50	
		In the home	1	35	
		In public premises	36	12,003	
		Stove or stove-pipes—			
		Combustible materials too near	1	362	
		Sparks from	1	1,089	
		Unknown	29	552,442	
					1,074,937
Stores and apartments	27	Candles and open flames	1	77	
		Electrical appliances and equipment	2	1,894	
		Electrical wiring overloaded	1	245	
		Incendiary	5	236	
		Matches, children with	2	8,470	
		Oxy-gas welding or cutting equipment defective	1	25	
		Short circuit	1	277	
		Smokers' carelessness—			
		In bed	3	14,811	
		In the home	3	30,838	
		In public premises	5	7,569	
		Stove, combustible materials too near	1	400	
		Unknown	2	60,917	
					125,759
Stores and dwellings	16	Defective wiring	1	10,000	
		Electrical appliances and equipment	1	78	
		Electrical wiring overloaded	1	210	
		Exposure	2	550	
		Gas, liquefied petroleum, improper use of or defective equipment	2	75	
		Hot grease, oil, tar, etc., ignition of	1	2,284	
		Incendiary	1	1,840	
		Smokers' carelessness—			
		In the home	3	9,660	
		In public premises	1	3,500	
		Sparks from bonfire	1	150	
		Unknown	2	74,249	
					102,596
Stores and offices	10	Electrical appliances and equipment	1	1,000	
		Exposure	2	1,634	
		Heat radiation	1	100	
		Smokers' carelessness	2	101	
		Unknown	4	120,006	
					122,841
Stores and rooms	10	Exposure	1	6,000	
		Incendiary	2	25	
		Smokers' carelessness—			
		In bed	3	540	
		In public premises	2	13,869	
		Unknown	2	56,663	
					77,097
Swimming-pools	1	Children playing with fire	1		16,000
Tar pots	8	Gas, liquefied petroleum, explosion	1	750	
		Hot grease, oil, tar, etc., ignition of	4	290	
		Oil-burner, defective equipment	1	200	
		Stove, combustible material too near	1	35	
		Unknown	1	10	
					1,285
Telephone exchanges and booths	3	Incendiary	1	10	
		Matches, children with	1	2	
		Unknown	1	175	
					187
Tents	13	Gasoline—			
		Carelessness with	1	520	
		Stove, lamp, torch	2	140	
		Incendiary	1	250	
		Inflammable vapours, ignition of	1	129	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
		Kerosene stove, lamp, torch	1	183	
		Matches, children with	1	20	
		Smoker's carelessness	1	400	
		Sparks from bonfire	2	141	
		Unknown	3	320	
					2,103
Theatres	5	Hot grease, oil, tar, etc., ignition of	1	268	
		Matches, children with	1	27,500	
		Short circuit	1	50	
		Smoker's carelessness	1	20	
		Unknown	1	60	
					27,898
Trailers—					
Mobile homes	131	Candles and open flames	1	1,078	
		Chimney, defective or overheated	1	7,641	
		Defective wiring	4	13,199	
		Electrical appliances and equipment	8	23,855	
		Electrical wiring overloaded	2	25,200	
		Engine backfiring	1	13,000	
		Exposure	2	8,456	
		Friction in brake drum	1	400	
		Furnace—			
		Defective	2	3,410	
		Insufficiently protected	3	4,550	
		Sparks from	1	156	
		Gas, liquefied petroleum—			
		Explosion	7	42,643	
		Improper installation of appliance	1	300	
		Improper use of or defective equipment	6	14,804	
		Gasoline—			
		Carelessness with	1	3,000	
		Stove, lamp, torch	1	1,700	
		Used to kindle fire	1	700	
		Vapour explosion	1	6,000	
		Hot grease, oil, tar, etc., ignition of	2	700	
		Incendiary	2	8,600	
		Matches, children with	2	328	
		Oil-burner—			
		Defective	14	48,209	
		Defective equipment	3	9,735	
		Explosion	4	20,981	
		Short circuit	17	53,607	
		Smokers' carelessness—			
		In bed	1	6,000	
		In the home	4	25,158	
		Stove or stove-pipes—			
		Combustible material too near	4	4,356	
		Insufficiently protected	3	7,115	
		Thawing pipes	8	33,585	
		Unknown	23	135,072	
					523,538
Travel	16	Electrical appliances and equipment	1	105	
		Exposure	1	300	
		Friction in brake drum	1	1,700	
		Gas, liquefied petroleum, explosion	3	2,823	
		Gasoline vapour explosion	1	50	
		Oil-burner defective	2	5,529	
		Short circuit	1	115	
		Smokers' carelessness	2	898	
		Stove, combustible material too near	1	10	
		Unknown	3	953	
					12,483
Trash barrels	11	Matches, children with	3	235	
		Smokers' carelessness	4	195	
		Sparks from bonfire	2	995	
		Stoves, combustible material too near	1	107	
		Unknown	1	5	
					1,537
Trestles	1	Oxy-gas welding or cutting equipment, sparks from	1		10,000
Tugboats	11	Oil-burner—			
		Defective	2	20,050	
		Defective equipment	1	11,000	
		Short circuit	3	17,500	

TABLE V—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued*

Property		Causes		Amount of Loss	
				$	$
		Stove insufficiently protected	1	6,160	
		Unknown	4	38,900	
					93,610
Warehouses	49	Chemical explosion	1	90,000	
		Children playing with fire	1	1,500	
		Chimneys, sparks from	1	200	
		Defective wiring	1	300	
		Electrical appliances and equipment	1	2,082	
		Exposure	2	139,695	
		Fireworks	1	10	
		Gasoline pump damaged by motor-vehicle	1	100	
		Hot grease, oil, tar, etc., ignition of	1	17,944	
		Incendiary	6	167,419	
		Kerosene stove, lamp, torch	1	2,800	
		Matches, children with	1	4,402	
		Oxy-gas welding or cutting equipment, sparks from	1	150	
		Short circuit	3	75,597	
		Smoker's carelessness	1	1,117	
		Sparks from bonfire	2	1,600	
		Spontaneous ignition	2	25,510	
		Stove insufficiently protected	2	2,260	
		Sulphur, ignition of	4	14,495	
		Unknown	16	963,589	
					1,510,770
Welding-machines	2	Gasoline, broken line	1	700	
		Oxy-gas welding or cutting equipment, defective	1	909	
					1,609
Welding-shops	1	Oxy-gas welding or cutting equipment, defective	1		300
Wharves	4	Short circuit	1	451	
		Sulphur, ignition of	1	11,257	
		Unknown	2	11,200	
					22,908
Woodworking plants	7	Friction in machinery	1	664	
		Oxy-gas welding or cutting equipment, sparks from	1	700	
		Short circuit	1	300	
		Sparks from mill-burner	1	750	
		Unknown	3	63,301	
					65,715
Workshops	20	Electrical appliances and equipment	1	400	
		Furnace insufficiently protected	1	1,692	
		Gasoline used to kindle fire	1	30	
		Incendiary	2	9,100	
		Inflammable vapours, ignition of	1	2,700	
		Matches, children with	1	12,603	
		Oxy-gas welding or cutting equipment, defective	1	80	
		Short circuit	1	127,000	
		Smoker's carelessness	1	5,546	
		Sparks from engine	1	227	
		Sparks from grinder	1	1,400	
		Stove insufficiently protected	2	14,000	
		Unknown	6	91,805	
					266,583
Totals	7,602		7,602		$27,514,446

TABLE VI—SUMMARY

Fires Reported

	City Municipalities (31)	District Municipalities (39)	Town Municipalities (13)	Village Municipalities (57)	Fire Districts (17)	Totals
1969						
January	303	261	14	22	142	742
February	259	173	10	25	89	556
March	292	241	15	21	104	673
April	279	218	8	12	105	622
May	280	220	12	13	106	631
June	274	171	10	15	127	597
July	305	188	14	13	107	627
August	286	209	10	11	102	618
September	260	196	12	5	91	564
October	288	204	12	13	121	638
November	273	194	11	12	103	593
December	364	249	13	8	107	741
Totals	3,463	2,524	141	170	1,304	7,602

Amount of Loss

1969						
January	$548,789	$898,716	$14,200	$62,306	$947,309	$2,471,320
February	777,575	270,277	45,423	145,097	458,962	1,697,334
March	1,981,420	449,435	147,021	61,725	718,751	3,358,352
April	591,439	563,441	96,269	96,464	393,808	1,741,421
May	603,879	475,261	2,165	27,169	1,227,156	2,335,630
June	606,821	657,977	80,225	18,828	1,095,364	2,459,215
July	370,570	398,152	20,336	96,817	816,472	1,702,347
August	404,730	876,845	57,685	37,315	1,214,666	2,591,241
September	595,618	1,090,970	2,743	30,082	242,510	1,961,923
October	818,617	263,062	28,232	58,215	501,561	1,669,687
November	742,383	501,446	161,294	42,162	1,025,914	2,473,199
December	424,680	478,921	39,270	27,566	2,082,340	3,052,777
Totals	$8,466,521	$6,924,503	$694,863	$703,746	$10,724,813	$27,514,446

TABLE VII—TEN-YEAR COMPARATIVE STATEMENT OF FIRE LOSSES

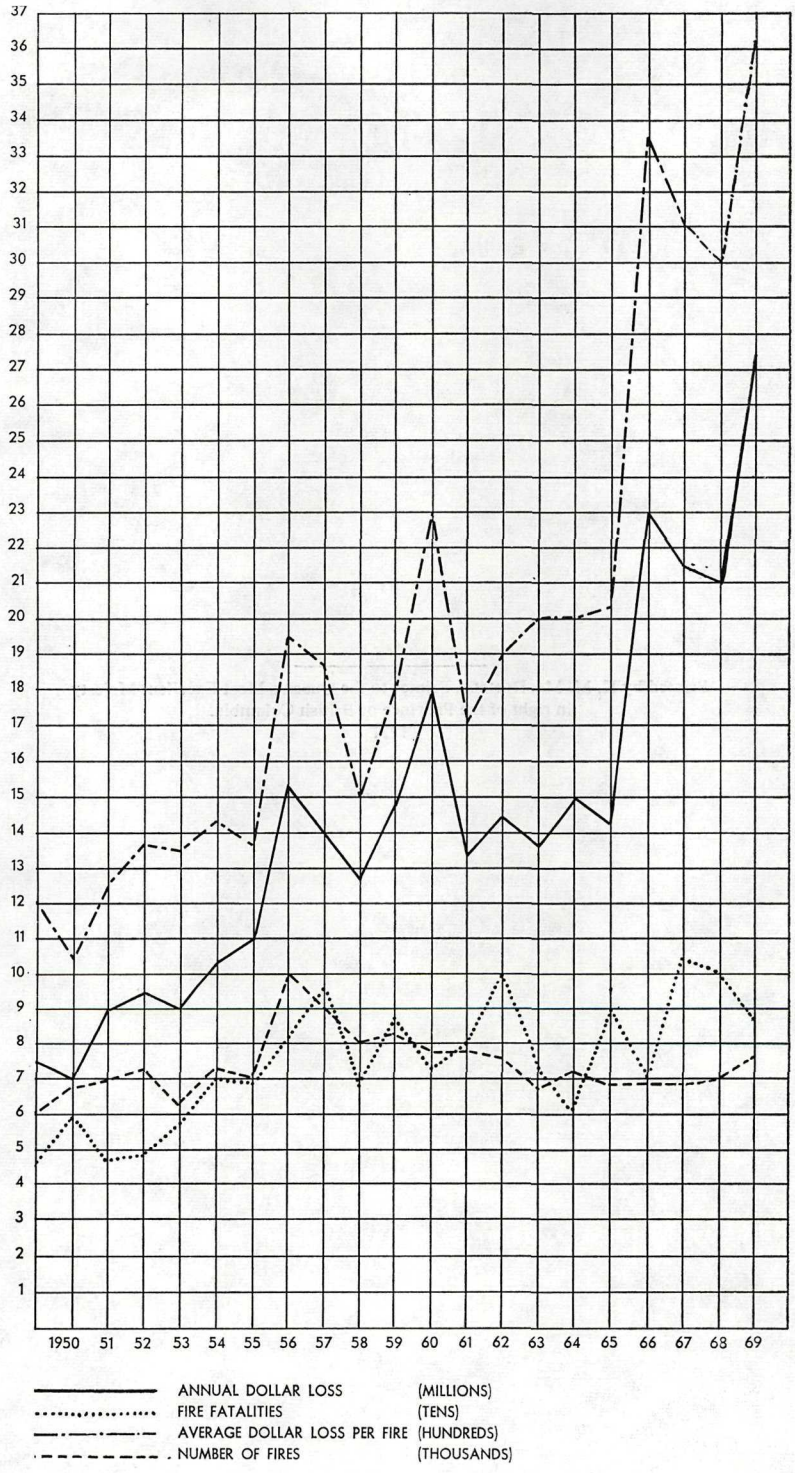
Year	City Municipalities		District Municipalities		Town Municipalities	
	Fires	Losses	Fires	Losses	Fires	Losses
1969	3,463	$8,466,521	2,524	$6,924,503	141	$694,863
1968	3,081	6,899,093	2,301	4,296,276	173	763,822
1967	3,264	7,327,896	2,129	5,307,350	154	558,875
1966	3,350	10,340,128	2,026	3,173,114	144	554,895
1965	3,351	4,756,985	2,080	2,855,954	109	342,522
1964	3,366	4,204,463	2,166	3,325,408	71	242,674
1963	3,233	4,343,193	2,113	3,214,837	61	339,654
1962	3,570	3,966,380	2,270	2,275,737	79	61,020
1961	3,788	5,775,054	2,386	2,312,942	74	91,151
1960	3,823	8,177,601	2,324	3,319,569	51	124,547
Totals	34,289	$64,257,314	22,319	$37,005,690	1,057	$3,774,023

Year	Village Municipalities		Fire Districts		Totals	
	Fires	Losses	Fires	Losses	Fires	Losses
1969	170	$703,746	1,304	$10,724,813	7,602	$27,514,446
1968	178	1,455,474	1,277	7,702,306	7,010	21,116,971
1967	161	1,619,445	1,226	6,676,487	6,934	21,490,053
1966	187	912,541	1,196	8,164,901	6,903	23,145,579
1965	184	878,033	1,253	5,304,290	6,977	14,137,784
1964	245	830,912	1,270	6,382,406	7,118	14,985,863
1963	246	634,304	1,262	5,260,743	6,915	13,792,731
1962	261	720,592	1,432	7,323,141	7,612	14,346,870
1961	292	816,261	1,309	4,499,526	7,849	13,494,934
1960	301	382,782	1,323	6,285,884	7,822	18,290,383
Totals	2,225	$8,954,090	12,852	$68,324,497	72,742	$182,315,614

TABLE VIII—LOSS OF LIFE, 1960–69

Occupancy	Number of Fires	Causes of Fires	Loss of Life			
			Men	Women	Children	Total
Apartments	4	Short circuit (1)	1	----	----	1
		Smokers' carelessness (3)—				
		In bed (1)	1	----	----	1
		In the home (1)	1	1	----	2
		While intoxicated (1)	1	----	----	1
Bunkhouses	1	Gas, liquefied petroleum, defective equipment (1)	1	----	----	1
Dwellings	46	Electrical wiring overloaded (1)	1	----	----	1
		Furnace, combustible materials too near (1)	1	1	----	2
		Gasoline lamp (1)	1	1	----	2
		Kerosene used to kindle fire (1)	1	----	----	1
		Incendiary (1)	----	----	1	1
		Inflammable vapours exploded (1)	1	----	----	1
		Matches (3)—				
		Carelessness (1)	1	----	----	1
		Children with (2)	----	----	5	5
		Oil-burner (3)—				
		Defective (1)	1	----	----	1
		Explosion (1)	1	----	----	1
		Sparks from (1)	----	----	1	1
		Smokers' carelessness (17)—				
		In bed (5)	3	2	----	5
		In the home (7)	4	3	1	8
		While intoxicated (5)	5	1	----	6
		Stove or stove-pipes (9)—				
		Combustible materials too near (7)	3	4	----	7
		Insufficiently protected (2)	----	----	2	2
		Unknown (8)	6	1	3	10
Gasoline stations (service)	1	Gasoline used in cleaning (1)	1	----	----	1
Hospitals	5	Smokers' carelessness (4)—				
		In bed (1)	1	----	----	1
		In public place (3)	3	----	----	3
		Unknown (1)	1	----	----	1
Hotels	4	Smokers' carelessness (4)—				
		In bed (2)	2	----	----	2
		In public place (1)	2	----	----	2
		While intoxicated (1)	1	----	----	1
Motor court	1	Gas, liquefied petroleum, explosion (1)	----	1	----	1
Motor-vehicle	1	Collision (1)	1	1	----	2
Outdoors	3	Gasoline, carelessness with (1)	1	----	----	1
		Smoking while intoxicated (1)	1	----	----	1
		Sparks from bonfire (1)	----	----	1	1
Rooming-houses	3	Kerosene stove (1)	1	----	----	1
		Smokers' carelessness (2)—				
		In bed (1)	1	----	----	1
		While intoxicated (1)	1	----	----	1
Sheds	1	Matches, children with (1)	----	----	1	1
Trailers (mobile homes)	4	Gas, liquefied petroleum, explosion (1)	1	----	----	1
		Oil-burner, defective equipment (1)	1	----	----	1
		Smoking in the home (1)	----	1	1	2
		Unknown (1)	1	----	----	1
Totals, 1969	74		54	17	16	87
Totals, 1968	81		49	27	24	100
Totals, 1967	78		46	25	35	106
Totals, 1966	58		39	13	18	70
Totals, 1965	71		46	17	28	91
Totals, 1964	51		28	9	24	61
Totals, 1963	54		35	15	23	73
Totals, 1962	69		47	13	38	98
Totals, 1961	60		33	19	27	79
Totals, 1960	56		38	14	19	71
Ten-year totals	----		415	169	252	836

TABLE IX—TWENTY-YEAR FIRE LOSS



Printed by K. M. MacDonald, Printer to the Queen's Most Excellent Majesty
in right of the Province of British Columbia.
1971

930-171-452