THE FIRE MARSHAL

FOR THE PROVINCE OF BRITISH COLUMBIA

TWENTY-EIGHTH

ANNUAL REPORT

STATISTICS, 1949

VICTORIA, B.C.:
Printed by DON MCDIARMID, Printer to the King's Most Excellent Majesty.
1950.

To His Honour C. A. BANKS,
Lieutenant-Governor of the Province of British Columbia.

MAY IT PLEASE YOUR HONOUR:

The undersigned has the honour to present the Twenty-eighth Annual Report of the Fire Marshal for the year ended December 31st, 1949.

GORDON S. WISMER,
Attorney-General.

Victoria, B.C., March 31st, 1950.

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REPORT OF THE FIRE MARSHAL.

OFFICE OF THE FIRE MARSHAL,
VANCOUVER, B.C., March 31st, 1950.

The Honourable Gordon S. Wismer, K.C.,
Attorney-General,
Victoria, B.C.

SIR,—Pursuant to section 46 of the "Fire Marshal Act," I have the honour to submit the Twenty-eighth Annual Report of the Fire Marshal for the year ended December 31st, 1949.

The fire-loss for the year totalled $7,556,229, an increase over the previous year of $408,507. The total number of fires was 6,161, an increase over the year 1948 of 417. There was one fire in a manufacturing plant with a loss of $506,000. This occurred in an outlying district where there was no local fire department and the plant had no sprinkler system. The fire had a good hold when first noticed by the watchman, and the first-aid fire equipment available was inadequate. This building is being replaced by a modern fire-resistive building in a new location.

The enclosed statistics will speak for themselves, but let me call your attention to the loss of human life during the year. Twenty-four men, six women, and fifteen children met death by fire, a total of forty-five lives. Although this is a large number, it is a decrease from the previous year.

A rigid inspection system was maintained during the year. This included theatres, hospitals, Government and public buildings, oil-burner installations, and oil-storage plants.

There were nineteen prosecutions during the period under review, which were divided as follows: Arson, six, with four convictions and two acquittals; mischief, one, not concluded; attempted arson, one, with one conviction; wilful damage to property, one, with one conviction; "Fire Marshal Act" and regulations, ten, with ten convictions. Fifty-four appeals were heard and decisions given. Six inquiries were held under the "Fire Marshal Act." One hundred and ninety-eight fire investigations were held throughout the Province. This included investigations in the Doukhobor areas.

Our travelling instructional unit with its three instructors, maintained for assistance to local fire departments in training and inspection, visited approximately 110 cities, municipalities, and villages. Five thousand one hundred and three persons were addressed at various meetings, and 1,139 premises were inspected. The original schedule, providing for a three-day course during the first visit, is still maintained for first calls and a condensed version of the same schedule for second and third visits. The latter occupies two to three days, depending on the amount of inspection work needed. The general effect on fire departments, due to the efforts of the unit, appears to be a stimulation of interest and a standardization of training hitherto not provided. Letters of appreciation still come in from officials of centres visited, and I would like to quote from one such letter received during the year:—

"I wish to take this opportunity to thank you for permitting your instructional unit to visit us.

"The course proved to be very educational and I feel sure that it will be most beneficial to all who had the opportunity to attend. Out of a possible thirty-three, thirty-one members of this Department were present.

"I cannot commend too highly the men who put on this course and I am convinced that they are experts in all phases of fire fighting and fire prevention."

Again we had a most successful fire-prevention poster competition. We were pleased to note an increase in the number from the junior high schools in the Province and hope this will continue. Many of the posters were excellent and showed a comprehension of the fire-hazards existing in the average home.

In conclusion, I wish to thank my staff for their fine co-operation during the year and to express my appreciation to all local Assistant Fire Marshals throughout the Province, the Commissioner and members of the British Columbia Police, city and municipal officials, and the many insurance companies and adjusters for their assistance.

I have the honour to be,

Sir,

Your obedient servant,

W. A. WALKER,

Fire Marshal.

TABLE I.—INSPECTIONS MADE AND ORDERS ISSUED BY LOCAL ASSISTANT FIRE MARSHALS.

City Municipalities (35).

	Inspections.	Orders.		Inspections.	Orders.
Alberni	.....	.....	Nelson	750	1
Armstrong	.....	.....	New Westminster	5,299	656
Chilliwack	186	11	North Vancouver	923	199
Courtenay	43	.....	Penticton	434	.....
Cranbrook	15	.....	Port Alberni	277	3
Cumberland	39	.....	Port Coquitlam	.....	.....
Duncan	134	4	Port Moody	.....	.....
Enderby	.....	.....	Prince George	380	3
Fernie	722	.....	Prince Rupert	594	1
Grand Forks	11	.....	Revelstoke	197	.....
Greenwood	5	.....	Rossland	543	1
Kamloops	501	.....	Salmon Arm	.....	.....
Kaslo	.....	.....	Slocan	.....	.....
Kelowna	1,054	.....	Trail	2,052	7
Kimberley	.....	.....	Vancouver	43,306	110
Ladysmith	.....	.....	Vernon	204	.....
Merritt	.....	.....	Victoria	20,722	407
Nanaimo	731	6	Totals	79,122	1,409

District Municipalities (27).

Burnaby	292	27	North Vancouver	225	62
Chilliwhack	.....	.....	Oak Bay	933	7
Coldstream	.....	.....	Peachland	.....	.....
Coquitlam	.....	.....	Pitt Meadows	.....	.....
Delta	.....	.....	Richmond	313	24
Esquimalt	288	2	Saanich	412	.....
Fraser Mills	.....	.....	Salmon Arm	.....	.....
Glenmore	.....	.....	Spallumcheen	.....	.....
Kent	27	7	Sumas	.....	.....
Langley	97	1	Summerland	.....	.....
Maple Ridge	.....	.....	Surrey	266	11
Matsqui	.....	.....	Tadanac	76	47
Mission	.....	.....	West Vancouver	396	4
North Cowichan	.....	.....	Totals	3,325	192

Village Municipalities (39).

Abbotsford	9	.....	McBride	.....	.....
Alert Bay	.....	.....	New Denver	.....	.....
Burns Lake	.....	.....	North Kamloops	10	.....
Campbell River	11	2	Oliver	.....	.....
Castlegar	.....	.....	Osoyoos	.....	.....
Chapman Camp	.....	.....	Parksville	.....	.....
Comox	.....	.....	Pouce Coupe	.....	.....
Cranberry Lake	.....	.....	Qualicum Beach	.....	.....
Creston	6	.....	Quesnel	29	.....
Dawson Creek	180	15	Salmo	.....	.....
Fort St. John	2	.....	Silverton	.....	.....
Harrison Hot Springs	.....	.....	Smithers	302	10
Gibsons	.....	.....	Squamish	.....	.....
Hope	.....	.....	Stewart	.....	.....
Kinnaird	.....	.....	Terrace	.....	.....
Lake Cowichan	.....	.....	Tofino	2	.....
Lillooet	.....	.....	Vanderhoof	66	10
Lytton	.....	.....	Westview	.....	.....
Marysville	.....	.....	Williams Lake	122	2
Mission	369	2	Totals	1,108	41

TABLE I.—INSPECTIONS MADE AND ORDERS ISSUED BY LOCAL ASSISTANT FIRE MARSHALS—*Continued.*

Fire Districts (20).

	Inspections.	Orders.		Inspections.	Orders.
Annable-Warfield	.....	.....	Prince Rupert, County of	.....	.....
Cariboo, County of	31	1	Sooke	.....	.....
Colwood	41	2	University Area	129	1
District Lot 172	1	.....	Vancouver, County of	412	.....
Ioco	.....	.....	Vernon	.....	.....
Kelowna	.....	.....	Victoria, County of	.....	.....
Kootenay, County of	720	3	View Royal	.....	.....
Langford	3	.....	Westminster, County of	.....	.....
Nanaimo, County of	.....	.....	Yale, County of	189	.....
Pacific Mills, Limited	.....	.....	Totals	1,526	7
Powell River	.....	.....			

	Inspections.	Orders.
Grand totals, 1949	85,081	1,649
Grand totals, 1948	83,918	1,976
Grand totals, 1947	74,477	1,596
Grand totals, 1946	50,904	1,096
Grand totals, 1945	60,638	1,350

TABLE II.—FIRES REPORTED.

City Municipalities (35).

Districts reporting.	Number.	Amount of Loss.	Districts reporting.	Number.	Amount of Loss.
Alberni	19	$11,384	Nelson	31	$53,999
Armstrong	1	4,008	New Westminster	173	170,784
Chilliwack	24	17,397	North Vancouver	92	93,402
Courtenay	11	9,215	Penticton	55	207,719
Cranbrook	11	2,044	Port Alberni	30	11,862
Cumberland	9	1,236	Port Coquitlam	15	12,942
Duncan	26	10,460	Port Moody	18	105,877
Enderby	3	6,804	Prince George	24	25,298
Fernie	6	455	Prince Rupert	31	2,370
Grand Forks	16	4,371	Revelstoke	12	1,181
Greenwood	5	6,318	Rossland	9	2,588
Kamloops	51	9,156	Salmon Arm	13	66,624
Kaslo	1	101	Slocan	.....	.....
Kelowna	66	7,536	Trail	44	18,303
Kimberley	7	559	Vancouver	2,652	1,778,168
Ladysmith	22	5,676	Vernon	30	18,843
Merritt	2	410	Victoria	423	76,702
Nanaimo	80	10,088	Totals	4,012	$2,753,880

TABLE II.—FIRES REPORTED—*Continued.*

District Municipalities (27).

Districts reporting.	Number.	Amount of Loss.	Districts reporting.	Number.	Amount of Loss.
Burnaby	262	$186,395	North Vancouver	70	$35,921
Chilliwhack	28	73,023	Oak Bay	95	21,051
Coldstream	4	6,391	Peachland	.....	.....
Coquitlam	43	20,859	Pitt Meadows	2	138
Delta	23	18,170	Richmond	75	212,856
Esquimalt	49	5,707	Saanich	150	44,045
Fraser Mills	2	195	Salmon Arm	8	9,800
Glenmore	3	11,270	Spallumcheen	4	18,211
Kent	7	38,967	Sumas	3	516,205
Langley	33	16,786	Summerland	7	5,226
Maple Ridge	26	21,655	Surrey	103	51,950
Matsqui	14	23,358	Tadanac	44	15,660
Mission	10	11,295	West Vancouver	92	12,057
North Cowichan	18	53,419	Totals	1,175	$1,430,610

Village Municipalities (39).

Abbotsford	11	$12,857	McBride	2	$3,943
Alert Bay	7	72,162	New Denver	4	469
Burns Lake	3	14,091	North Kamloops	4	170
Campbell River	8	37,441	Oliver	3	240
Castlegar	.....	.....	Osoyoos	5	5,640
Chapman Camp	.....	.....	Parksville	3	677
Comox	6	5,406	Pouce Coupe	2	35,549
Cranberry Lake	4	3,303	Qualicum Beach	5	1,320
Creston	10	62,259	Quesnel	7	2,213
Dawson Creek	12	4,811	Salmo	2	1,666
Fort St. John	6	5,889	Silverton	1	70
Gibsons	2	154	Smithers	5	10,551
Harrison Hot Springs	2	1,677	Squamish	.....	.....
Hope	12	61,896	Stewart	1	1,700
Kinnaird	1	30	Terrace	4	7,404
Lake Cowichan	2	42	Tofino	.....	.....
Lillooet	5	27,624	Vanderhoof	8	20,746
Lytton	12	99,881	Westview	15	2,508
Marysville	.....	.....	Williams Lake	5	31,673
Mission	10	22,264	Totals	189	$558,326

Fire Districts (20).

Annable-Warfield	1	$50	Prince Rupert, County of	29	$92,191
Cariboo, County of	115	704,602	Sooke	5	5,244
Colwood	2	329	University Area	18	106,567
District Lot 172	1	20	Vancouver, County of	63	190,417
Ioco	.....	.....	Vernon	1	171
Kelowna	19	68,464	Victoria, County of	76	70,346
Kootenay, County of	77	244,336	View Royal	2	25
Langford	2	1,500	Westminster, County of	38	196,742
Nanaimo, County of	175	845,732	Yale, County of	133	279,894
Pacific Mills, Limited	20	5,385	Totals	785	$2,813,413
Powell River	8	1,398	Grand totals	6,161	$7,556,229

Construction of buildings—	Number.	Amount of Loss.
Fire-resistive	47	$29,143
Brick, concrete, or heavy timber	339	792,374
Wood frame	5,105	6,411,862
Metal, corrugated iron	670	322,850
	6,161	$7,556,229

TABLE III.—CAUSES OF FIRES.

Causes of Fires.	Number.	Amount of Loss.	Causes of Fires.	Number.	Amount of Loss.
Acetylene-torch carelessness	12	$19,711	Gasoline carelessness	45	$53,310
Ashes against wood	57	17,114	Gasoline on exhaust-pipe	31	11,329
Asphalt boiling over	4	1,278	Gasoline-torch carelessness	11	11,220
Back-fire in locomotive fire-box	1	50	Gasoline-vapour explosion	47	209,426
Bedclothes igniting from burning mosquito-powder	1	1,700	Grease on stove	118	34,716
Boiler insufficiently protected	4	14,866	Hot castings on wood	1	26,877
Broken gasoline-line	8	30,020	Hot slag igniting rock-wool insulating material	2	111,340
Bunsen burner, carelessness with	2	185	Incendiary	73	365,865
Candle carelessness	56	9,085	Kerosene carelessness	15	11,597
Car upset	15	50,256	Lamp explosion	6	5,471
Children playing with fire	12	5,874	Lamp upset	5	2,560
Clothes too near stove or stove-pipe	110	21,822	Lightning	16	11,872
Coal-gas explosion	6	4,042	Live coals	4	170
Collision	7	6,640	Match carelessness	93	7,396
Curtains from lamp	2	217	Matches, children with	89	19,970
Curtains from stove	4	478	Molten metal	8	526
Defective battery connection	3	1,311	Motor-cycle upset	2	702
Defective brooder	8	2,428	Oil-burner explosion	18	11,836
Defective chimney	281	203,582	Sawdust-burner back-firing	17	10,334
Defective fireplace	33	30,633	Short circuit	388	160,806
Defective furnace or furnace-pipe	19	5,389	Smokers' carelessness	2,087	407,185
Defective heater hose	1	36	Sparks from acetylene torch	27	85,871
Defective heating apparatus	1	50	Sparks from boiler	4	31,274
Defective muffler	3	620	Sparks from bonfire	70	31,248
Defective oil-burner	28	30,642	Sparks from bush fire	9	150,670
Defective oil-burning equipment	33	24,223	Sparks from chimney	232	93,117
Defective oven	1	22	Sparks from engine	4	13,370
Defective stove or stove-pipe	17	3,947	Sparks from fireplace	344	18,298
Defective wiring	44	120,240	Sparks from forge	1	50
Dust explosion	1	145	Sparks from furnace or furnace-pipe	33	6,413
Electrical appliances	332	141,962	Sparks from locomotive	1	4,986
Engine back-firing	67	61,405	Sparks from mill burner	14	107,095
Exhaust-pipe insufficiently protected	1	2,050	Sparks from stove or stove-pipe	99	28,046
Exposure	127	568,181	Spontaneous ignition	42	245,838
Firecrackers	51	16,987	Stove explosion	8	7,023
Friction in machinery	4	59,657	Stove or stove-pipe insufficiently protected	213	207,971
Friction on brake-drum	11	264	Sun's rays	4	146
Friction on clutch	2	451	Tar boiling over	7	9,743
Friction on tires	2	474	Thawing pipes	24	45,587
Friction sparks	7	53,849	Unknown	492	3,415,828
Fuel-oil, carelessness in use of	2	3,500	Varnish boiling over	1	257
Furnace or furnace-pipe insufficiently protected	46	51,514	Wood too near stove	12	9,474
Gas explosion	18	2,516	Totals	6,161	$7,556,229

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES.

Property.		Causes.		Amount of Loss.	
Air-compressors	1	Children playing with fire	1	.....	$20
Aircraft	1	Unknown	1	.....	4,000
Apartments	377	Ashes against wood	6	$6,984	
		Candle carelessness	4	66	
		Children playing with fire	1	75	
		Clothes too near stove	7	182	
		Defective chimney	26	18,089	
		Defective fireplace	2	453	
		Defective furnace	2	52	
		Defective oil-burner	2	434	
		Defective stove-pipe	3	55	
		Electrical appliances	15	963	
		Exposure	4	596	
		Firecrackers	1	1,429	
		Furnace or furnace-pipe insufficiently protected	5	1,494	
		Grease on stove	11	12,603	
		Incendiary	1	100	
		Kerosene carelessness	2	1,322	
		Lightning	1	329	
		Match carelessness	9	431	
		Matches, children with	3	116	
		Short circuit	2	1,678	
		Smokers' carelessness	183	88,027	
		Sparks from bonfire	2	4,477	
		Sparks from chimney	45	10,024	
		Sparks from fireplace	7	730	
		Sparks from furnace	3	1,357	
		Sparks from stove	3	248	
		Spontaneous ignition	1	200	
		Stove explosion	1	244	
		Stove or stove-pipe insufficiently protected	13	3,087	
		Thawing pipes	3	210	
		Unknown	8	30,234	
		Wood too near stove	1	695	
					186,984
Asphalt plants	2	Asphalt boiling over	2	.....	163
Automobile courts	23	Defective fireplace	1	$52	
		Electrical appliances	1	5	
		Short circuit	1	40	
		Smokers' carelessness	17	557	
		Sparks from fireplace	1	17	
		Stove insufficiently protected	1	42	
		Unknown	1	3,645	
					4,358
Automobiles	614	Acetylene-torch carelessness	4	$279	
		Ashes against wood	2	41	
		Asphalt boiling over	2	1,115	
		Broken gasoline-line	6	13,745	
		Car upset	14	21,489	
		Collision	6	5,735	
		Defective battery connection	3	1,311	
		Defective heater hose	1	36	
		Defective muffler	3	620	
		Defective wiring	12	4,424	
		Electrical appliances	3	746	
		Engine back-firing	30	6,009	
		Exposure	6	3,660	
		Firecrackers	2	55	
		Friction on brake-drum	11	264	
		Friction on clutch	1	25	
		Friction on tires	2	474	
		Gasoline carelessness	14	7,119	
		Gasoline on exhaust-pipe	28	11,079	
		Gasoline-vapour explosion	9	3,476	
		Hot slag igniting rock-wool insulating material	1	245	
		Incendiary	10	3,806	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Match carelessness	6	$1,026	
		Matches, children with	2	97	
		Short circuit	257	52,176	
		Smokers' carelessness	138	10,943	
		Sparks from acetylene torch	5	161	
		Sparks from bonfire	5	644	
		Spontaneous ignition	1	430	
		Unknown	30	10,171	
					$161,401
Bakeries	2	Defective oven	1	$22	
		Oil-burner explosion	1	152	
					174
Banks	3	Defective oil-burner	1	$176	
		Exposure	2	1,167	
					1,343
Barges	3	Exposure	1	$2,717	
		Unknown	2	41,500	
					44,217
Barns	39	Engine back-firing	1	$1,500	
		Firecrackers	1	200	
		Incendiary	5	2,425	
		Lightning	1	1,000	
		Match carelessness	1	750	
		Matches, children with	3	943	
		Short circuit	1	250	
		Smokers' carelessness	2	1,125	
		Sparks from bonfire	3	550	
		Sparks from mill burner	1	1,920	
		Spontaneous ignition	3	22,900	
		Thawing pipes	3	8,017	
		Unknown	14	31,317	
					72,897
Barracks	7	Defective wiring	1	$4,173	
		Electrical appliances	1	80,000	
		Smokers' carelessness	3	65	
		Unknown	2	54,948	
					139,186
Bath-houses	1	Smokers' carelessness	1	.....	1,000
Blacksmith-shops	1	Sparks from forge	1	.....	50
Boarding-houses	13	Curtains from stove	1	$67	
		Electrical appliances	1	25	
		Match carelessness	1	82	
		Smokers' carelessness	6	106	
		Sparks from chimney	1	187	
		Sparks from fireplace	1	10	
		Sparks from stove	1	35	
		Stove-pipe insufficiently protected	1	6,000	
					6,512
Boat-building works	2	Unknown	2	.....	132,431
Bowling-alleys	11	Defective furnace-pipe	1	$50	
		Electrical appliances	1	245	
		Incendiary	1	25	
		Smokers' carelessness	6	359	
		Sparks from bonfire	1	457	
		Unknown	1	3,720	
					4,856
Bridges	5	Incendiary	1	$10	
		Matches, children with	1	15	
		Smokers' carelessness	2	40	
		Unknown	1	200	
					265
Bulldozers	1	Short circuit	1	.....	100
Bunk-houses	8	Clothes too near stove or stove-pipe	2	$3,885	
		Incendiary	1	5	
		Lamp explosion	1	75	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Stove or stove-pipe insufficiently protected	3	$6,426	
		Unknown	1	200	
					$10,591
Bus depots	1	Gasoline-vapour explosion	1		50
Canneries (fish)	1	Sparks from chimney	1		119
Canneries (vegetable)	1	Unknown	1		4,008
Car-barns	1	Short circuit	1		350
Chicken-houses	28	Ashes against wood	1	$50	
		Defective brooder	8	2,428	
		Defective chimney	2	4,884	
		Exposure	1	500	
		Short circuit	2	787	
		Sparks from bonfire	2	480	
		Sparks from stove	1	1,500	
		Stove insufficiently protected	4	3,439	
		Unknown	7	7,708	
					21,776
Churches	17	Clothes too near stove	1	$18	
		Defective oil-burner	1	1,575	
		Defective stove-pipe	1	64	
		Electrical appliances	1	119	
		Incendiary	2	25,291	
		Match carelessness	1	30	
		Oil-burner explosion	1	129	
		Sparks from chimney	1	75	
		Sparks from stove	2	141	
		Stove or stove-pipe insufficiently protected	5	11,770	
		Unknown	1	48	
					39,260
Clubs	18	Defective chimney	2	$703	
		Smokers' carelessness	9	7,619	
		Sparks from bonfire	1	30	
		Sparks from chimney	1	10	
		Stove-pipe insufficiently protected	2	10,344	
		Unknown	3	47,673	
					66,379
Cold-storage plants	1	Smokers' carelessness	1		4,497
Construction camps	4	Gasoline-vapour explosion	1	$208	
		Sparks from boiler	1	20,979	
		Sparks from engine	1	584	
		Stove-pipe insufficiently protected	1	171	
					21,942
Cook-houses	3	Unknown	3		60,270
Cranes	1	Friction on clutch	1		426
Dairies	3	Defective wiring	1	$2,580	
		Exposure	1	125	
		Unknown	1	25	
					2,730
Dry-cleaning plants	13	Defective wiring	1	$182	
		Friction sparks	1	161	
		Gasoline-vapour explosion	4	1,187	
		Short circuit	1	20	
		Smokers' carelessness	2	32	
		Sparks from chimney	2	159	
		Unknown	2	757	
					2,498
Dwellings	3,554	Ashes against wood	32	$4,585	
		Bedclothes igniting from burning mosquito-powder	1	1,700	
		Candle carelessness	52	9,019	
		Children playing with fire	9	5,764	
		Clothes too near stove	93	11,669	
		Coal-gas explosion	5	3,042	
		Curtains from lamp	2	217	
		Curtains from stove	3	411	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Defective chimney	213	$99,990	
		Defective fireplace	29	29,954	
		Defective furnace or furnace-pipe	12	1,663	
		Defective oil-burner	6	1,855	
		Defective oil-burning equipment	23	5,192	
		Defective stove or stove-pipe	12	3,438	
		Defective wiring	26	50,724	
		Electrical appliances	232	13,205	
		Exposure	28	19,049	
		Firecrackers	22	6,879	
		Fuel-oil, carelessness in use of	2	3,500	
		Furnace or furnace-pipe insufficiently protected	27	28,066	
		Gas explosion	12	827	
		Gasoline carelessness	16	16,819	
		Gasoline-torch carelessness	6	1,120	
		Gasoline-vapour explosion	2	3,910	
		Grease on stove	89	15,472	
		Incendiary	23	29,192	
		Kerosene carelessness	11	9,967	
		Lamp explosion	4	5,384	
		Lamp upset	5	2,560	
		Lightning	9	1,764	
		Live coals	4	170	
		Match carelessness	63	2,008	
		Matches, children with	58	13,933	
		Molten metal	4	102	
		Oil-burner explosion	9	2,286	
		Sawdust burner back-firing	17	10,334	
		Short circuit	62	27,424	
		Smokers' carelessness	1,341	108,610	
		Sparks from bonfire	34	9,449	
		Sparks from bush fire	1	2,332	
		Sparks from chimney	156	67,429	
		Sparks from fireplace	331	17,489	
		Sparks from furnace	18	1,072	
		Sparks from locomotive	1	4,986	
		Sparks from mill burner	1	47	
		Sparks from stove	82	25,139	
		Spontaneous ignition	17	12,118	
		Stove explosion	7	6,779	
		Stove or stove-pipe insufficiently protected	138	80,273	
		Sun's rays	3	134	
		Tar boiling over	3	3,332	
		Thawing pipes	13	3,372	
		Unknown	177	253,923	
		Wood too near stove	8	7,073	
					$1,046,751
Electrical sub-stations	3	Lightning	1	$1,450	
		Short circuit	2	1,100	
					2,550
Electric-light plants	11	Gasoline-vapour explosion	2	$9,255	
		Short circuit	3	355	
		Sparks from engine	1	2,020	
		Unknown	5	25,678	
					37,308
Elevators (grain)	2	Electrical appliances	1	$300	
		Friction in machinery	1	42	
					342
Factories (bed)	1	Sparks from acetylene torch	1		134
Factories (brick)	1	Unknown	1		506,022
Factories (building materials)	1	Sparks from boiler	1		6,705
Factories (concrete products)	1	Unknown	1		55
Factories (furniture)	3	Incendiary	1	$19,050	
		Sparks from chimney	1	5	
		Sparks from stove	1	20	
					19,075

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
Factories (insulating materials)	2	Friction sparks	1	$442	
		Hot slag igniting rock-wool insulating material..	1	111,095	
					$111,537
Factories (paint)	2	Spontaneous ignition	2		50
Factories (paper box)	1	Electrical appliances	1		150
Factories (peanut butter)	1	Dust explosion	1		145
Factories (rag)	1	Friction sparks	1		20
Factories (roof products)	1	Tar boiling over	1		5,691
Factories (sash and door)	1	Defective oil-burner	1		94
Factories (wire products)	1	Electrical appliances	1		164
Factories (wooden box)	1	Unknown	1		1,731
Factories (wood pipe)	1	Exposure	1		2,552
Fences	6	Exposure	1	$25	
		Smokers' carelessness	3	82	
		Sparks from bonfire	1	10	
		Unknown	1	40	
					157
Fishing-boats	52	Broken gasoline-line	2	$16,275	
		Defective oil-burner	6	8,193	
		Defective oil-burning equipment	3	2,460	
		Engine back-firing	10	11,333	
		Exposure	1	200	
		Gasoline carelessness	2	262	
		Gasoline-vapour explosion	13	31,939	
		Match carelessness	1	1,300	
		Oil-burner explosion	2	4,646	
		Short circuit	1	50	
		Smokers' carelessness	1	46	
		Stove insufficiently protected	1	4,200	
		Unknown	9	88,526	
					169,430
Foundries	6	Hot castings on wood	1	$26,877	
		Molten metal	1	9	
		Sparks from acetylene torch	1	104	
		Unknown	3	4,086	
					31,076
Freight-cars	5	Defective heating apparatus	1	$50	
		Short circuit	1	500	
		Smokers' carelessness	1	500	
		Unknown	2	4,400	
					5,450
Fruit-packing plants	1	Incendiary	1		4,589
Garages (private)	53	Acetylene-torch carelessness	1	$100	
		Ashes against wood	2	123	
		Children playing with fire	1	15	
		Clothes too near stove	1	12	
		Engine back-firing	4	28,650	
		Exposure	3	123	
		Gasoline carelessness	1	2,500	
		Gasoline-torch carelessness	1	25	
		Matches, children with	2	625	
		Short circuit	5	7,246	
		Smokers' carelessness	4	2,090	
		Sparks from bonfire	8	746	
		Sparks from chimney	1	25	
		Spontaneous ignition	3	1,150	
		Unknown	16	23,627	
					67,057
Garages (public)	35	Acetylene-torch carelessness	3	$10,769	
		Defective chimney	2	360	
		Defective oil-burner	1	325	
		Electrical appliances	3	1,428	
		Exposure	1	144	
		Furnace or furnace-pipe insufficiently protected..	2	445	
		Gasoline carelessness	3	19,565	
		Gasoline-vapour explosion	1	290	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Short circuit	3	$6,217	
		Smokers' carelessness	2	109	
		Sparks from acetylene torch	4	8,986	
		Sparks from furnace	1	230	
		Spontaneous ignition	1	292	
		Stove insufficiently protected	2	3,108	
		Unknown	6	27,323	
					$79,591
Gasoline-shovels	3	Gas explosion	1	$1,000	
		Gasoline-vapour explosion	1	20,000	
		Unknown	1	1,847	
					22,847
Gasoline-stations	10	Collision	1	$905	
		Friction sparks	1	100	
		Gasoline carelessness	2	1,756	
		Gasoline-vapour explosion	3	971	
		Matches, children with	1	72	
		Smokers' carelessness	1	275	
		Unknown	1	1,530	
					5,609
Gas plants	1	Boiler insufficiently protected	1	.....	1,250
Golf club-houses	1	Smokers' carelessness	1	.....	2,082
Grandstands	1	Unknown	1	.....	150
Gravel-bunkers	1	Sparks from acetylene torch	1	.....	21,758
Greenhouses	11	Defective chimney	2	$1,800	
		Defective furnace	1	3,300	
		Furnace insufficiently protected	1	1,300	
		Match carelessness	1	10	
		Stove-pipe insufficiently protected	1	25	
		Unknown	4	913	
		Wood too near stove	1	500	
					7,848
Halls	18	Clothes too near stove	2	$102	
		Electrical appliances	1	25	
		Exposure	2	170	
		Gas explosion	1	6	
		Incendiary	2	10,629	
		Smokers' carelessness	3	20,108	
		Sparks from chimney	1	16	
		Stove insufficiently protected	1	2,916	
		Thawing pipes	1	31,406	
		Unknown	4	21,215	
					86,593
Haystacks	1	Unknown	1	.....	400
Hospitals	13	Electrical appliances	2	$153	
		Smokers' carelessness	7	23,611	
		Sparks from chimney	1	5	
		Sparks from fireplace	1	9	
		Sun's rays	1	12	
		Unknown	1	357	
					24,147
Hotels	172	Defective chimney	5	$15,022	
		Defective oil-burner	2	464	
		Electrical appliances	5	728	
		Exposure	2	28,172	
		Furnace-pipe insufficiently protected	3	300	
		Gasoline carelessness	1	172	
		Grease on stove	2	542	
		Oil-burner explosion	1	57	
		Short circuit	5	1,403	
		Smokers' carelessness	133	65,327	
		Sparks from furnace	2	891	
		Sparks from stove	1	312	
		Stove or stove-pipe insufficiently protected	3	16,943	
		Thawing pipes	1	332	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Unknown	5	$84,540	
		Wood too near stove	1	1,111	
					$216,316
Launches	14	Engine back-firing	4	$1,235	
		Exposure	1	50	
		Gasoline carelessness	1	1,200	
		Gasoline-vapour explosion	5	15,661	
		Stove insufficiently protected	2	1,647	
		Unknown	1	800	
					20,593
Laundries	5	Electrical appliances	1	$565	
		Smokers' carelessness	1	16	
		Sparks from furnace	1	93	
		Unknown	2	3,015	
					3,689
Logging camps	26	Electrical appliances	1	$1,338	
		Engine back-firing	2	9,603	
		Friction sparks	2	53,115	
		Sparks from acetylene torch	1	125	
		Sparks from bonfire	1	5,572	
		Sparks from bush fire	8	148,338	
		Sparks from engine	1	175	
		Stove-pipe insufficiently protected	1	7,192	
		Unknown	9	43,535	
					268,993
Lumber-carriers	1	Gasoline-vapour explosion	1	.....	86
Lumber-piles	3	Exposure	1	$500	
		Sparks from bonfire	2	589	
					1,089
Machine-shops	9	Exposure	2	$240	
		Friction in machinery	1	120	
		Gasoline-vapour explosion	1	425	
		Match carelessness	1	310	
		Sparks from acetylene torch	1	6,638	
		Stove-pipe insufficiently protected	1	125	
		Unknown	2	1,905	
					9,763
Meat-packing plants	1	Electrical appliances	1	.....	75
Mining properties	6	Electrical appliances	1	$255	
		Sparks from boiler	1	2,500	
		Unknown	4	81,506	
					84,261
Motor-cycles	17	Engine back-firing	11	$1,744	
		Exposure	1	175	
		Gasoline on exhaust-pipe	2	100	
		Motor-cycle upset	2	702	
		Unknown	1	130	
					2,851
Offices	34	Bunsen burner, carelessness with	1	$10	
		Clothes too near stove	1	21	
		Coal-gas explosion	1	1,000	
		Defective oil-burner	3	2,703	
		Defective wiring	1	34,111	
		Electrical appliances	1	42	
		Exposure	3	7,732	
		Grease on stove	1	160	
		Incendiary	1	611	
		Oil-burner explosion	1	127	
		Short circuit	2	223	
		Smokers' carelessness	8	1,153	
		Stove-pipe insufficiently protected	1	1,064	
		Tar boiling over	1	20	
		Unknown	8	20,682	
					69,659
Oil-sheds	1	Unknown	1	.....	200

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
Paper-mills	4	Engine back-firing	1	$195	
		Sparks from acetylene torch	1	200	
		Unknown	2	2,357	
					$2,752
Peat plants	5	Electrical appliances	1	$4,620	
		Incendiary	1	94,284	
		Unknown	3	54,722	
					153,626
Piggeries	6	Incendiary	4	$52,844	
		Unknown	2	2,350	
					55,194
Post-offices	2	Exposure	1	$516	
		Unknown	1	30	
					546
Power-houses	4	Exhaust-pipe insufficiently protected	1	$2,050	
		Gasoline carelessness	1	1,301	
		Sparks from engine	1	10,591	
		Unknown	1	12,746	
					26,688
Printing plants	4	Defective oil-burner	1	$92	
		Electrical appliances	1	1,386	
		Smokers' carelessness	1	20	
		Sparks from furnace	1	126	
					1,624
Railway-stations	4	Match carelessness	1	$140	
		Smokers' carelessness	2	50	
		Unknown	1	150	
					340
Restaurants	45	Clothes too near stove	1	$200	
		Defective chimney	3	71	
		Defective oil-burning equipment	1	11,271	
		Electrical appliances	1	25	
		Exposure	5	17,251	
		Furnace-pipe insufficiently protected	1	159	
		Grease on stove	10	3,378	
		Incendiary	1	1,001	
		Matches, children with	1	170	
		Short circuit	2	5,361	
		Smokers' carelessness	7	866	
		Sparks from chimney	1	15	
		Sparks from stove	2	211	
		Stove or stove-pipe insufficiently protected	3	5,539	
		Unknown	6	41,452	
					86,970
Rinks (roller skating)	1	Defective furnace	1		47
Rooming-houses	131	Ashes against wood	1	$6	
		Defective chimney	8	599	
		Defective fireplace	1	79	
		Electrical appliances	10	277	
		Exposure	1	15	
		Furnace-pipe insufficiently protected	1	7,189	
		Gas explosion	1	150	
		Incendiary	1	4,500	
		Match carelessness	4	89	
		Matches, children with	3	62	
		Smokers' carelessness	83	5,736	
		Sparks from bonfire	1	25	
		Sparks from chimney	6	183	
		Sparks from fireplace	3	43	
		Stove insufficiently protected	2	53	
		Unknown	4	322	
		Wood too near stove	1	95	
					19,423
Roundhouses	1	Back-fire in locomotive fire-box	1		50
Sawmills	55	Acetylene-torch carelessness	1	$8,003	
		Boiler insufficiently protected	2	13,576	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Electrical appliances	1	$22	
		Exposure	1	3,240	
		Friction in machinery	2	59,495	
		Lightning	1	5,395	
		Short circuit	3	794	
		Smokers' carelessness	2	4,966	
		Sparks from acetylene torch	3	38,880	
		Sparks from boiler	1	1,090	
		Sparks from bonfire	2	6,450	
		Sparks from chimney	1	502	
		Sparks from mill burner	11	127,624	
		Spontaneous ignition	1	101,245	
		Unknown	23	571,103	
					$942,385
Schools	34	Ashes against wood	1	$57	
		Bunsen burner, carelessness with	1	175	
		Defective chimney	3	6,608	
		Electrical appliances	3	167	
		Exposure	1	359	
		Furnace-pipe insufficiently protected	1	11,522	
		Gas explosion	1	300	
		Incendiary	3	74,852	
		Lightning	1	33	
		Match carelessness	1	381	
		Matches, children with	2	446	
		Short circuit	2	17,350	
		Smokers' carelessness	2	65	
		Sparks from bonfire	1	101	
		Spontaneous ignition	3	102,233	
		Stove-pipe insufficiently protected	2	614	
		Unknown	5	202,067	
		Varnish boiling over	1	257	
					417,587
Scows	2	Gasoline carelessness	1	$100	
		Unknown	1	3,800	
					3,900
Sheds	82	Ashes against wood	5	$510	
		Defective chimney	1	100	
		Electrical appliances	2	178	
		Engine back-firing	1	410	
		Exposure	10	38,155	
		Firecrackers	2	45	
		Gasoline carelessness	2	316	
		Gasoline-torch carelessness	1	400	
		Incendiary	3	762	
		Match carelessness	2	650	
		Matches, children with	9	682	
		Short circuit	1	25	
		Smokers' carelessness	9	2,127	
		Sparks from bonfire	3	798	
		Sparks from chimney	3	205	
		Sparks from mill burner	1	150	
		Sparks from stove	2	60	
		Spontaneous ignition	2	544	
		Stove insufficiently protected	2	687	
		Thawing pipes	1	150	
		Unknown	20	19,035	
					65,989
Shingle-mills	7	Sparks from mill burner	1	$133	
		Unknown	6	85,477	
					85,610
Ships	2	Stove-pipe insufficiently protected	1	$35,000	
		Unknown	1	161	
					35,161
Shipyards	3	Lightning	1	$901	
		Sparks from acetylene torch	1	200	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Sparks from bonfire	1	$800	
					$1,901
Slaughter-houses	2	Gasoline-torch carelessness	1	$9,465	
		Stove insufficiently protected	1	155	
					9,620
Smelting plants	40	Ashes against wood	1	$50	
		Electrical appliances	3	875	
		Furnace insufficiently protected	3	385	
		Lightning	1	1,000	
		Molten metal	3	415	
		Short circuit	11	1,115	
		Smokers' carelessness	1	6,033	
		Sparks from acetylene torch	2	180	
		Sparks from bonfire	2	70	
		Sparks from chimney	1	100	
		Sparks from furnace	3	210	
		Spontaneous ignition	4	675	
		Tar boiling over	2	700	
		Thawing pipes	1	1,500	
		Unknown	2	1,850	
					15,158
Steel-fabricating plants	1	Exposure	1	.....	106,474
Stores	176	Clothes too near stove	1	$70	
		Defective chimney	3	576	
		Defective furnace	1	101	
		Defective oil-burner	1	12,707	
		Defective oil-burning equipment	4	2,204	
		Electrical appliances	21	13,554	
		Exposure	19	76,182	
		Firecrackers	18	877	
		Friction sparks	1	11	
		Furnace insufficiently protected	1	11	
		Gasoline-vapour explosion	1	248	
		Grease on stove	2	1,069	
		Incendiary	2	1,500	
		Lamp explosion	1	12	
		Oil-burner explosion	2	4,430	
		Short circuit	6	1,833	
		Smokers' carelessness	51	12,859	
		Sparks from chimney	4	8,996	
		Sparks from furnace	3	1,365	
		Sparks from stove	1	50	
		Spontaneous ignition	2	3,899	
		Stove or stove-pipe insufficiently protected	6	2,662	
		Unknown	25	197,621	
					342,837
Stores and apartments	68	Acetylene-torch carelessness	1	$99	
		Ashes against wood	3	140	
		Clothes too near stove	2	5,851	
		Defective chimney	5	1,933	
		Defective oil-burner	1	40	
		Defective oil-burning equipment	1	15	
		Defective stove or stove-pipe	2	1,255	
		Electrical appliances	4	241	
		Exposure	6	2,434	
		Firecrackers	1	300	
		Gas explosion	1	87	
		Incendiary	1	228	
		Matches, children with	3	2,792	
		Short circuit	1	40	
		Smokers' carelessness	18	8,571	
		Sparks from chimney	3	77	
		Sparks from furnace	1	1,069	
		Sparks from stove	1	221	
		Spontaneous ignition	1	27	

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
		Stove or stove-pipe insufficiently protected	7	$2,761	
		Unknown	5	8,288	
					$36,469
Stores and dwellings	41	Acetylene-torch carelessness	1	311	
		Ashes against wood	1	45	
		Clothes too near stove	1	20	
		Defective oil-burner	1	932	
		Electrical appliances	3	5,024	
		Exposure	3	11,365	
		Firecrackers	3	139	
		Gas explosion	1	146	
		Gasoline-torch carelessness	1	130	
		Incendiary	1	9,872	
		Matches, children with	1	28	
		Smokers' carelessness	10	163	
		Sparks from stove	1	8	
		Spontaneous ignition	1	75	
		Stove-pipe insufficiently protected	2	168	
		Thawing pipes	1	600	
		Unknown	9	87,699	
					116,725
Stores and offices	12	Incendiary	1	$529	
		Short circuit	2	147	
		Smokers' carelessness	2	18,861	
		Stove insufficiently protected	1	52	
		Unknown	6	74,413	
					94,002
Stores and rooms	46	Ashes against wood	1	$4,473	
		Defective chimney	4	37,552	
		Defective wiring	1	11,300	
		Electrical appliances	4	14,739	
		Exposure	5	20,122	
		Grease on stove	1	1,284	
		Kerosene carelessness	2	308	
		Oil-burner explosion	1	9	
		Smokers' carelessness	23	7,932	
		Sparks from stove	1	101	
		Stove insufficiently protected	1	37	
		Unknown	2	6,823	
					104,680
Street-cars	1	Short circuit	1	.....	50
Telephone-poles	1	Ashes against wood	1	.....	50
Theatres	3	Defective furnace	1	$176	
		Exposure	1	1,052	
		Furnace-pipe insufficiently protected	1	643	
					1,871
Tractors	17	Engine back-firing	3	$726	
		Gasoline on exhaust-pipe	1	150	
		Gasoline-torch carelessness	1	80	
		Gasoline-vapour explosion	1	318	
		Short circuit	4	8,759	
		Sparks from acetylene torch	3	7,315	
		Unknown	4	4,232	
					21,580
Trailers	4	Acetylene-torch carelessness	1	$150	
		Car upset	1	28,767	
		Stove insufficiently protected	1	281	
		Unknown	1	600	
					29,798
Trestles	1	Exposure	1	.....	3,000
Tug-boats	8	Defective oil-burner	1	$1,052	
		Gasoline carelessness	1	2,200	
		Short circuit	2	25,200	
		Sparks from acetylene torch	2	1,080	
		Unknown	2	8,000	
					37,532

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES—*Continued.*

Property.		Causes.		Amount of Loss.	
Warehouses	46	Boiler insufficiently protected	1	$40	
		Defective chimney	1	11,178	
		Defective oil-burning equipment	1	3,081	
		Defective wiring	1	12,746	
		Electrical appliances	4	323	
		Exposure	10	220,119	
		Firecrackers	1	7,063	
		Gasoline-vapour explosion	1	121,402	
		Incendiary	6	29,760	
		Matches, children with	1	178	
		Short circuit	3	213	
		Smokers' carelessness	2	605	
		Sparks from acetylene torch	1	110	
		Sparks from chimney	2	4,985	
		Sparks from mill burner	1	100	
		Stove insufficiently protected	2	325	
		Unknown	8	380,824	
					$793,052
Totals	6,161		6,161		$7,556,229

TABLE V.—SUMMARY.

	Fires reported.					Amount of Loss.				
	City Municipalities (35).	District Municipalities (27).	Village Municipalities (39).	Fire Districts (20).	Totals.	City Municipalities.	District Municipalities.	Village Municipalities.	Fire Districts.	Totals.
1949.										
January	473	148	28	89	738	$530,720	$575,227	$59,891	$396,365	$1,562,203
February	334	103	26	69	532	409,256	102,670	128,825	235,648	876,399
March	331	104	8	55	498	139,429	43,138	11,012	105,787	299,366
April	346	111	18	74	549	152,324	78,717	64,637	172,259	467,937
May	321	78	20	58	477	208,437	49,454	113,743	219,890	591,524
June	315	95	26	75	511	468,552	126,133	107,547	288,095	990,327
July	287	91	10	56	444	70,739	47,215	16,343	356,639	490,936
August	290	82	3	59	434	85,242	179,268	180	187,664	452,354
September	274	72	8	56	410	240,549	50,852	2,771	182,184	476,356
October	381	98	8	76	563	85,937	79,770	29,466	128,425	323,598
November	244	71	8	48	371	226,242	34,655	1,924	113,029	375,850
December	416	122	26	70	634	136,453	63,511	21,987	427,428	649,379
Totals	4,012	1,175	189	785	6,161	$2,753,880	$1,430,610	$558,326	$2,813,413	$7,556,229

TABLE VI.—TEN-YEAR COMPARATIVE STATEMENT OF FIRE LOSSES.

Year.	City Municipalities.		District Municipalities.		Village Municipalities.		Fire Districts.		Totals.	
	Fires.	Losses.	Fires.	Losses.	Fires.	Losses.	Fires.	Losses.	Fires.	Losses.
1949	4,012	$2,753,880	1,175	$1,430,610	189	$558,326	785	$2,813,413	6,161	$7,556,229
1948	3,777	2,858,462	1,078	1,241,681	163	362,819	726	2,684,758	5,744	7,147,720
1947	3,867	4,480,751	1,077	1,753,851	113	138,774	638	1,986,525	5,695	8,359,901
1946	3,835	1,276,892	934	856,654	95	55,886	600	1,247,976	5,464	3,437,408
1945	3,666	3,043,359	818	464,121	83	120,301	526	1,619,521	5,093	5,247,302
1944	3,049	1,412,051	733	863,436	73	155,882	505	1,170,580	4,360	3,601,949
1943	2,853	2,034,433	661	603,509	87	269,167	467	1,088,878	4,068	3,995,987
1942	2,624	955,581	586	292,429	56	26,419	448	1,240,915	3,714	2,515,344
1941	2,289	453,145	538	464,530	29	60,810	432	630,334	3,288	1,608,819
1940	2,397	488,195	532	495,855	39	37,484	451	945,333	3,419	1,966,867
Totals	32,369	$19,756,749	8,132	$8,466,676	927	$1,785,868	5,578	$15,428,233	47,006	$45,437,526

TABLE VII.—LOSS OF LIFE, 1940–49.

Occupancy.	Cause of Fire.	Loss of Life.		
		Men.	Women.	Children.
Apartment	Stove-pipe insufficiently protected	1	....	....
Automobile	Broken gasoline-line	1	....	....
Automobile	Car upset	1	....	....
Cold-storage plant	Smokers' carelessness	1	....	....
Dwelling	Bedclothes igniting from burning mosquito-powder	....	....	2
Dwelling	Clothes too near stove	....	....	1
Dwelling	Fuel-oil, carelessness in use of	....	....	1
Dwelling	Gasoline carelessness	1	....	....
Dwelling	Gasoline carelessness	....	1	....
Dwelling	Gasoline carelessness	....	....	1
Dwelling	Gasoline carelessness	....	....	1
Dwelling	Kerosene carelessness	1	....	....
Dwelling	Kerosene carelessness	....	1	....
Dwelling	Lamp explosion	....	....	2
Dwelling	Lamp upset	1	....	....
Dwelling	Match carelessness	1	....	....
Dwelling	Matches, children with	....	....	2
Dwelling	Smokers' carelessness	1	....	....
Dwelling	Smokers' carelessness	1	....	....
Dwelling	Smokers' carelessness	1	....	....
Dwelling	Sparks from furnace	....	1	....
Dwelling	Stove insufficiently protected	....	....	1
Dwelling	Stove insufficiently protected	....	....	3
Dwelling	Unknown	....	1	1
Dwelling	Unknown	1	....	....
Dwelling	Unknown	1	....	....
Dwelling	Unknown	1	....	....
Dwelling	Unknown	1	....	....
Dwelling	Unknown	....	1	....
Fishing-boat	Gasoline-vapour explosion	1	....	....
Fishing-boat	Smokers' carelessness	1	....	....
Fishing-boat	Stove insufficiently protected	1	....	....
Gasoline-tank	Gasoline-vapour explosion	1	....	....
Gas plant	Gas explosion	1	....	....
Hospital	Smokers' carelessness	....	1	....
Hotel	Smokers' carelessness	1	....	....
Hotel	Unknown	1	....	....
Store and dwelling	Unknown	1	....	....
Store and offices	Smokers' carelessness	1	....	....
Totals, 1949		24	6	15
Totals, 1948		29	5	24
Totals, 1947		21	2	16
Totals, 1946		21	7	8
Totals, 1945		25	12	21
Totals, 1944 (men and women)		14		5
Totals, 1943 (men and women)		24		5
Totals, 1942 (men and women)		16		16
Totals, 1941 (men and women)		13		3
Totals, 1940 (men and women)		7		....

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