THE FIRE MARSHAL

FOR THE PROVINCE OF BRITISH COLUMBIA

TWENTY-SEVENTH

ANNUAL REPORT

STATISTICS, 1948

VICTORIA, B.C.:
Printed by Don McDiarmid, Printer to the King's Most Excellent Majesty.
1949.

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-seventh Annual Report of the Fire Marshal for the year ended December 31st, 1948.

GORDON S. WISMER,

Attorney-General.

Victoria, B.C., March 31st, 1949.

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REPORT OF THE FIRE MARSHAL.

OFFICE OF THE FIRE MARSHAL,
VANCOUVER, B.C., March 31st, 1949.

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-seventh Annual Report of the Fire Marshal for the year ended December 31st, 1948.

The fire-loss for the year totalled $7,147,720, which is a reduction of $1,212,181 from the peak year of 1947. The total number of fires for the year was 5,744, an increase of 49 over the previous year. The average number of fires for the last five years is 5,271, but it is noticed that each year there is a slight increase in the number. This is accounted for by the ever-increasing number of people and buildings. The number of deaths during the year was fifty-eight, made up of twenty-nine men, five women, and twenty-four children. We are sorry to report that this is quite an increase over the number of lives lost by fire in 1947. There was one fire with a loss of over $700,000, and seventeen where the loss was over $50,000.

Fifty-one appeals from orders of local Assistant Fire Marshals were heard and decisions given. The usual system of rigid inspection-work was carried out during the year. These inspections show an increase, owing to the fact that the men attached to the travelling instructional unit have added inspection-work to the course of training which they give throughout the Province. This addition serves two purposes: it familiarizes the local fire chief with the various fire-hazards in his territory and eliminates the hazard by bringing it to the attention of the owner or occupier of the premises. The fire chief makes a recheck to see that the hazard has been removed.

During the year there were eighteen charges of arson, with seventeen convictions; six of attempted arson, with five convictions; and one stay of proceedings. The series of disastrous fires at Colony Farm which did so much damage in 1946–47 was solved by the conviction of one of the employees, who received adequate punishment at the hands of the Courts. Another conviction was for the setting of a fire in the bunk-house of a large industrial plant on Vancouver Island in which two men lost their lives and several were injured. In this case the offender was sentenced to the maximum penalty of fifteen years in the penitentiary. Two others, accused of setting fire to a school, were sentenced to seven and five years respectively.

It may be of interest to note that to date we have not had the number of fires for gain that we had in pre-war years. This, in one way, reflects the high economic standard which business is maintaining throughout the Province.

There were eighteen charges for infractions under the "Fire Marshal Act," and eighteen convictions were registered.

Our yearly fire-prevention poster competition among junior and senior high-school students was again conducted, and great interest was evidenced. Many fine posters were received. For the last two years we have offered separate prizes for junior and senior high schools, with an open competition for the grand prize. This has done much to stimulate the interest of the junior high-school students.

In closing, I wish to express my appreciation to my staff for their splendid co-operation during the year. I also wish to thank all local Assistant Fire Marshals throughout the Province, the Commissioner and members of the British Columbia Police, city and municipal officials, as well as the various insurance companies and adjusters for their valued help.

I have the honour to be,

Sir,

Your obedient servant,

W. A. WALKER,

Fire Marshal.

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

City Municipalities (35).

	Inspections.	Orders.		Inspections.	Orders.
Alberni	.....	.....	New Westminster	4,321	799
Armstrong	6	.....	North Vancouver	880	317
Chilliwack	252	35	Penticton	316	1
Courtenay	53	.....	Port Alberni	240	24
Cranbrook	.....	.....	Port Coquitlam	.....	.....
Cumberland	47	.....	Port Moody	.....	.....
Duncan	85	2	Prince George	307	3
Enderby	.....	.....	Prince Rupert	127	2
Fernie	811	4	Revelstoke	200	7
Grand Forks	124	2	Rossland	848	4
Greenwood	.....	.....	Salmon Arm	.....	.....
Kamloops	548	.....	Slocan	.....	.....
Kaslo	.....	.....	Trail	979	7
Kelowna	798	4	Vancouver	43,711	133
Kimberley	.....	.....	Vernon	299	1
Ladysmith	170	1	Victoria	20,669	477
Merritt	5	.....			
Nanaimo	794	2	Totals	77,178	1,827
Nelson	588	2			

District Municipalities (27).

Burnaby	291	.....	Oak Bay	1,577	18
Chilliwhack	71	17	Peachland	.....	.....
Coldstream	.....	.....	Pitt Meadows	.....	.....
Coquitlam	.....	.....	Richmond	193	2
Delta	.....	.....	Saanich	609	1
Esquimalt	251	2	Salmon Arm	.....	.....
Fraser Mills	.....	.....	Spallumcheen	.....	.....
Glenmore	.....	.....	Sumas	.....	.....
Kent	.....	.....	Summerland	.....	.....
Langley	124	.....	Surrey	197	13
Maple Ridge	.....	.....	Tadanac	83	.....
Matsqui	.....	.....	West Vancouver	223	.....
Mission	.....	.....			
North Cowichan	.....	.....	Totals	3,640	69
North Vancouver	21	16			

Village Municipalities (37).

Abbotsford	20	.....	North Kamloops	8	.....
Alert Bay	.....	.....	Oliver	.....	.....
Burns Lake	.....	.....	Osoyoos	60	.....
Campbell River	7	3	Parksville	.....	.....
Castlegar	.....	.....	Pouce Coupe	.....	.....
Chapman Camp	.....	.....	Qualicum Beach	38	.....
Comox	11	.....	Quesnel	16	5
Cranberry Lake	12	2	Salmo	40	.....
Creston	.....	.....	Silverton	.....	.....
Dawson Creek	28	10	Smithers	264	11
Fort St. John	63	.....	Squamish	74	27
Gibsons	.....	.....	Stewart	22	6
Hope	.....	.....	Terrace	58	.....
Kinnaird	.....	.....	Tofino	3	.....
Lake Cowichan	.....	.....	Vanderhoof	.....	.....
Lillooet	.....	.....	Westview	.....	.....
Lytton	3	.....	Williams Lake	109	5
Mission	387	2			
McBride	9	.....	Totals	1,232	71
New Denver	.....	.....			

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

Fire Districts (18).

	Inspections.	Orders.		Inspections.	Orders.
Annable-Warfield	.....	.....	Prince Rupert, County of	.....	.....
Cariboo, County of	24	.....	Sooke	.....	.....
Colwood	.....	.....	University Area	229	.....
Ioco	.....	.....	Vancouver, County of	889	1
Kelowna	.....	.....	Vernon Regulated Area	.....	.....
Kootenay, County of	481	5	Victoria, County of	.....	.....
Langford	.....	.....	Westminster, County of	.....	.....
Nanaimo, County of	.....	.....	Yale, County of	245	3
Pacific Mills, Limited	.....	.....			
Powell River	.....	.....	Totals	1,868	9

	Inspections.	Orders.
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
Grand totals, 1944	58,496	1,598

TABLE II.—FIRES REPORTED.

City Municipalities (35).

Districts reporting.	Number.	Amount of Loss.	Districts reporting.	Number.	Amount of Loss.
Alberni	14	$13,839	New Westminster	172	$120,553
Armstrong	5	842	North Vancouver	104	72,202
Chilliwack	20	924	Penticton	41	13,777
Courtenay	10	3,114	Port Alberni	35	32,460
Cranbrook	19	15,055	Port Coquitlam	10	8,328
Cumberland	6	183	Port Moody	10	53,524
Duncan	21	6,516	Prince George	21	40,012
Enderby	7	2,212	Prince Rupert	27	23,507
Fernie	6	2,462	Revelstoke	11	14,579
Grand Forks	5	306	Rossland	14	1,439
Greenwood	1	806	Salmon Arm	6	372
Kamloops	34	73,805	Slocan	1	818
Kaslo	2	369	Trail	40	7,094
Kelowna	34	62,789	Vancouver	2,579	2,010,481
Kimberley	12	12,395	Vernon	18	3,326
Ladysmith	15	2,253	Victoria	377	237,495
Merritt	8	3,015			
Nanaimo	73	16,521	Totals	3,777	$2,858,462
Nelson	19	1,089			

TABLE II.—FIRES REPORTED—*Continued.*

District Municipalities (27).

Districts reporting.	Number.	Amount of Loss.	Districts reporting.	Number.	Amount of Loss.
Burnaby	258	$135,101	Oak Bay	88	$11,163
Chilliwhack	19	543,109	Peachland	3	475
Coldstream	.....	.....	Pitt Meadows	3	951
Coquitlam	24	18,690	Richmond	74	31,120
Delta	21	10,269	Saanich	128	20,830
Esquimalt	39	1,886	Salmon Arm	2	8,087
Fraser Mills	1	60	Spallumcheen	1	7,861
Glenmore	3	906	Sumas	7	20,191
Kent	9	10,912	Summerland	8	804
Langley	37	42,376	Surrey	91	110,225
Maple Ridge	31	36,336	Tadanac	33	41,250
Matsqui	17	35,175	West Vancouver	70	37,195
Mission	18	38,395			
North Cowichan	22	24,576	Totals	1,078	$1,241,681
North Vancouver	71	53,738			

Village Municipalities (37).

Abbotsford	7	$1,099	North Kamloops	2	$48
Alert Bay	3	2,079	Oliver	5	2,793
Burns Lake	2	498	Osoyoos	4	228
Campbell River	2	50	Parksville	5	1,199
Castlegar	2	4,527	Pouce Coupe	1	125
Chapman Camp	.....	.....	Qualicum Beach	3	138
Comox	2	27	Quesnel	6	7,068
Cranberry Lake	3	54	Salmo	.....	.....
Creston	5	1,023	Silverton	2	437
Dawson Creek	17	130,584	Smithers	8	7,431
Fort St. John	12	59,645	Squamish	.....	.....
Gibsons	2	8	Stewart	3	10,829
Hope	3	849	Terrace	6	5,194
Kinnaird	.....	.....	Tofino	4	8,900
Lake Cowichan	2	2,397	Vanderhoof	2	1,391
Lillooet	20	89,503	Westview	9	3,107
Lytton	.....	.....	Williams Lake	5	1,377
Mission	11	5,605			
McBride	4	14,537	Totals	163	$362,819
New Denver	1	69			

Fire Districts (18).

Annable-Warfield	1	$10	Prince Rupert, County of	36	$175,272
Cariboo, County of	97	420,241	Sooke	1	22,406
Colwood	8	5,957	University Area	18	27,756
Ioco	2	68	Vancouver, County of	71	210,215
Kelowna	9	35,990	Vernon Regulated Area	.....	.....
Kootenay, County of	88	130,113	Victoria, County of	64	57,972
Langford	1	40	Westminster, County of	35	97,897
Nanaimo, County of	143	1,300,499	Yale, County of	124	178,877
Pacific Mills, Limited	20	18,787			
Powell River	8	2,658	Totals	726	$2,684,758
			Grand totals	5,744	7,147,720

Construction of buildings—	Number.	Amount of Loss.
Fire-resistive	34	$9,817
Brick, concrete, or heavy timber	326	1,075,513
Wood frame	4,854	5,914,152
Metal, corrugated iron	530	148,238
	5,744	$7,147,720

TABLE III.—CAUSES OF FIRES.

Causes of Fires.	Number.	Amount of Loss.	Causes of Fires.	Number.	Amount of Loss.
Acetylene-torch carelessness	16	$328,605	Gasoline-pump damaged by car	1	$405
Alcohol-vapour explosion	8	1,042	Gasoline-torch carelessness	15	24,674
Ashes against wood	57	30,326	Gasoline-vapour explosion	38	51,038
Asphalt boiling over	5	1,315	Gas-plate insufficiently protected	2	11,546
Boiler insufficiently protected	2	240	Grease on stove	112	31,992
Broken gasoline-line	11	6,314	Incendiary	44	166,757
Bunsen burner, carelessness with	1	7,000	Kerosene carelessness	10	10,918
Candle carelessness	67	9,030	Lamp explosion	3	4,168
Car upset	4	11,708	Lamp upset	1	95
Children playing with fire	20	2,140	Lightning	20	11,958
Clothes too near stove or stove-pipe	116	38,983	Live coals	7	112
Coal-gas explosion	4	1,359	Loose shingles falling on steam-pipe	1	46,379
Coal-stoker back-firing	1	1,500	Match carelessness	74	31,516
Collision	4	2,975	Matches, children with	77	11,007
Curtains from lamp	2	43	Molten metal	5	1,977
Curtains from stove	7	261	Motor-cycle upset	1	550
Defective acetylene equipment	1	104	Oil-burner explosion	26	28,454
Defective battery connection	2	112	Sawdust-burner back-firing	14	24,385
Defective brooder	5	1,582	Short circuit	347	660,796
Defective carburettor	1	79	Smokers' carelessness	1,872	448,716
Defective chimney	276	134,180	Sparks from acetylene torch	15	47,488
Defective film	1	50	Sparks from boiler	4	1,876
Defective fireplace	23	8,598	Sparks from bonfire	37	13,766
Defective furnace or furnace-pipe	9	7,284	Sparks from bush fire	3	23,319
Defective heater hose	1	29	Sparks from chimney	230	88,011
Defective muffler	1	15	Sparks from engine	3	1,330
Defective oil-burner	28	31,060	Sparks from fireplace	361	18,484
Defective oil-burning equipment	34	37,979	Sparks from forge	2	20
Defective stove or stove-pipe	33	29,764	Sparks from furnace or furnace-pipe	28	4,256
Defective wiring	26	559,019	Sparks from mill burner	6	184,146
Electrical appliances	315	201,772	Sparks from stove or stove-pipe	86	20,021
Engine back-firing	69	95,746	Spontaneous ignition	38	307,889
Exposure	118	252,590	Stove explosion	10	9,084
Firecrackers	57	4,064	Stove or stove-pipe insufficiently protected	267	200,241
Friction in machinery	8	3,825	Sun's rays	4	116
Friction on brake-drum	5	999	Tar boiling over	5	5,274
Friction on conveyer-belt	1	10	Thawing pipes	13	9,558
Friction on gears	1	323	Unknown	455	2,602,443
Friction on pulley	1	84	Varnish boiling over	1	50
Friction on tires	2	123	Water in lime	1	6,216
Friction sparks	5	59,717	Wood too near furnace	3	933
Fuel-oil, carelessness in use of	2	6,109	Wood too near stove	8	2,672
Furnace or furnace-pipe insufficiently protected	47	68,511			
Gas explosion	16	22,493			
Gasoline carelessness	62	58,388			
Gasoline on exhaust-pipe	19	5,634	Totals	5,744	$7,147,720

TABLE IV.—CLASSIFICATION OF PROPERTY BURNED AND CAUSES.

Property.		Causes.		Amount of Loss.	
Aircraft hangars	1	Unknown	1		$27,413
Apartments	382	Ashes against wood	4	$8,239	
		Candle carelessness	4	160	
		Clothes too near stove	5	79	
		Curtains from stove	2	116	
		Defective chimney	38	7,826	
		Defective fireplace	3	587	
		Defective oil-burner	2	303	
		Defective oil-burning equipment	1	125	
		Defective stove-pipe	1	2,800	
		Electrical appliances	21	98,215	
		Exposure	6	1,500	
		Firecrackers	3	43	
		Furnace-pipe insufficiently protected	2	2,153	
		Gas explosion	3	241	
		Gasoline carelessness	3	1,503	
		Grease on stove	12	399	
		Lamp explosion	1	15	
		Match carelessness	8	475	
		Matches, children with	4	1,431	
		Short circuit	8	3,506	
		Smokers' carelessness	170	29,815	
		Sparks from bonfire	1	5	
		Sparks from chimney	35	12,957	
		Sparks from fireplace	6	340	
		Sparks from furnace or furnace-pipe	2	265	
		Sparks from stove	3	70	
		Spontaneous ignition	3	5,835	
		Stove or stove-pipe insufficiently protected	11	5,263	
		Sun's rays	1	6	
		Thawing pipes	1	25	
		Unknown	18	28,359	
					212,656
Asphalt plants	5	Asphalt boiling over	4	$1,115	
		Unknown	1	234	
					1,349
Automobile courts	26	Ashes against wood	1	$15	
		Defective chimney	1	10	
		Defective oil-burner	1	78	
		Electrical appliances	1	153	
		Short circuit	1	81	
		Smokers' carelessness	17	1,797	
		Sparks from stove	1	23	
		Stove-pipe insufficiently protected	1	39	
		Unknown	2	2,482	
					4,678
Automobiles	500	Acetylene-torch carelessness	8	$494	
		Alcohol-vapour explosion	8	1,042	
		Ashes against wood	1	10	
		Broken gasoline-line	11	6,314	
		Car upset	4	11,708	
		Collision	4	2,975	
		Defective battery connection	2	112	
		Defective heater hose	1	29	
		Defective muffler	1	15	
		Defective wiring	4	1,038	
		Electrical appliances	3	91	
		Engine back-firing	31	16,091	
		Exposure	3	425	
		Firecrackers	3	347	
		Friction on brake-drum	5	999	
		Friction on tires	1	23	
		Friction sparks	1	6,675	
		Gasoline carelessness	12	4,001	
		Gasoline on exhaust-pipe	17	4,309	

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

Property.		Causes.		Amount of Loss.	
		Gasoline-torch carelessness	2	$39	
		Gasoline-vapour explosion	9	3,966	
		Incendiary	2	350	
		Match carelessness	2	94	
		Short circuit	231	41,346	
		Smokers' carelessness	88	7,314	
		Sparks from acetylene torch	1	7	
		Sparks from bonfire	1	765	
		Sparks from chimney	1	4	
		Sparks from mill burner	1	132	
		Thawing pipes	1	10	
		Unknown	41	18,494	
					$129,219
Bakeries	5	Ashes against wood	1	$20	
		Electrical appliances	2	2,220	
		Stove insufficiently protected	1	10	
		Unknown	1	4,492	
					6,742
Banks	3	Gasoline-torch carelessness	1	$385	
		Smokers' carelessness	1	40	
		Spontaneous ignition	1	1,091	
					1,516
Barber-shops	1	Exposure	1	.....	936
Barges	1	Clothes too near stove	1	.....	200
Barns	21	Defective wiring	1	$750	
		Exposure	1	184	
		Firecrackers	1	100	
		Incendiary	3	7,810	
		Sparks from bonfire	2	1,310	
		Sparks from engine	1	18	
		Spontaneous ignition	4	14,030	
		Unknown	8	7,606	
					31,808
Barracks	7	Defective chimney	1	$300	
		Defective oil-burner	1	21	
		Smokers' carelessness	3	6,655	
		Stove-pipe insufficiently protected	1	225	
		Unknown	1	2,819	
					10,020
Blacksmith-shops	5	Incendiary	1	$2,733	
		Sparks from forge	2	20	
		Unknown	2	9,811	
					12,564
Boarding-houses	11	Defective chimney	1	$1,549	
		Defective wiring	1	953	
		Smokers' carelessness	6	220	
		Sparks from fireplace	1	25	
		Stove or stove-pipe insufficiently protected	2	10,387	
					13,134
Boat-building works	1	Engine back-firing	1	.....	45
Boat-houses	2	Engine back-firing	1	$6,000	
		Sparks from acetylene torch	1	590	
					6,590
Bowling-alleys	6	Defective oil-burning equipment	1	$370	
		Oil-burner explosion	1	75	
		Smokers' carelessness	3	19,086	
		Unknown	1	15,507	
					35,038
Bunk-houses	14	Clothes too near stove	1	$615	
		Defective chimney	1	300	
		Exposure	1	1,000	
		Gasoline carelessness	1	2,947	
		Incendiary	3	44,664	
		Smokers' carelessness	1	20	

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

Property.		Causes.		Amount of Loss.	
		Sparks from bonfire	1	$4,500	
		Sparks from chimney	1	10	
		Spontaneous ignition	1	4,700	
		Stove-pipe insufficiently protected	1	1,975	
		Unknown	2	3,776	
					$64,507
Bus depots	1	Gasoline-vapour explosion	1		150
Canneries (fish)	2	Spontaneous ignition	1	$9,900	
		Stove insufficiently protected	1	2,500	
					12,400
Canneries (vegetable)	1	Boiler insufficiently protected	1		90
Carpenter-shops	1	Gas explosion	1		21,000
Carpet-cleaning works	1	Unknown	1		20,714
Chemical laboratories	1	Gasoline-vapour explosion	1		1,751
Chicken-houses	19	Children playing with fire	1	$25	
		Defective brooder	5	1,582	
		Defective stove-pipe	1	10	
		Electrical appliances	1	3,401	
		Exposure	1	58	
		Gasoline-torch carelessness	1	73	
		Short circuit	1	75	
		Stove insufficiently protected	2	1,298	
		Unknown	6	4,761	
					11,283
Churches	11	Ashes against wood	2	$1,776	
		Defective stove	1	25	
		Electrical appliances	2	90	
		Furnace-pipe insufficiently protected	1	3,000	
		Incendiary	2	4,932	
		Spontaneous ignition	2	5,389	
		Stove insufficiently protected	1	50	
					15,262
Clubs	8	Smokers' carelessness	7	$268	
		Unknown	1	100	
					368
Cold-storage plants	3	Spontaneous ignition	1	$212	
		Stove-pipe insufficiently protected	1	500	
		Unknown	1	51,767	
					52,479
Construction camps	8	Clothes too near stove	1	$14	
		Electrical appliances	1	49,280	
		Engine back-firing	1	3,143	
		Smokers' carelessness	1	15	
		Stove insufficiently protected	1	10	
		Unknown	3	9,924	
					62,386
Cook-houses	2	Defective chimney	1	$200	
		Fuel-oil, carelessness in use of	1	3,000	
					3,200
Dairies	6	Short circuit	1	$10	
		Stove-pipe insufficiently protected	2	215	
		Unknown	3	8,475	
					8,700
Dry-cleaning plants	11	Defective fireplace	1	$35	
		Gasoline carelessness	3	1,173	
		Gasoline-vapour explosion	1	30	
		Match carelessness	1	406	
		Smokers' carelessness	1	47	
		Sparks from fireplace	1	5	
		Unknown	3	4,778	
					6,474
Dwellings	3,434	Ashes against wood	33	$12,293	
		Candle carelessness	59	8,050	
		Children playing with fire	19	2,115	
		Clothes too near stove or stove-pipe	97	23,373	

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

Property.		Causes.		Amount of Loss.	
		Coal-gas explosion	4	$1,359	
		Curtains from lamp	2	43	
		Curtains from stove	3	43	
		Defective chimney	202	103,793	
		Defective fireplace	18	7,545	
		Defective furnace or furnace-pipe	9	7,284	
		Defective oil-burner	12	19,403	
		Defective oil-burning equipment	19	8,378	
		Defective stove or stove-pipe	26	26,791	
		Defective wiring	13	14,179	
		Electrical appliances	224	19,527	
		Exposure	42	20,679	
		Firecrackers	22	2,123	
		Fuel-oil, carelessness in use of	1	3,109	
		Furnace or furnace-pipe insufficiently protected	34	18,733	
		Gas explosion	10	798	
		Gasoline carelessness	26	26,922	
		Gasoline-torch carelessness	2	211	
		Gasoline-vapour explosion	9	9,221	
		Grease on stove	85	16,771	
		Incendiary	10	14,763	
		Kerosene carelessness	9	10,618	
		Lamp explosion	2	4,153	
		Lamp upset	1	95	
		Lightning	11	2,402	
		Live coals	6	77	
		Match carelessness	58	2,348	
		Matches, children with	53	6,438	
		Molten metal	1	45	
		Oil-burner explosion	22	14,641	
		Sawdust-burner back-firing	13	24,325	
		Short circuit	48	8,891	
		Smokers' carelessness	1,211	79,351	
		Sparks from bonfire	23	6,791	
		Sparks from chimney	160	65,085	
		Sparks from fireplace	349	17,971	
		Sparks from furnace	18	1,440	
		Sparks from stove or stove-pipe	72	10,331	
		Spontaneous ignition	9	11,524	
		Stove explosion	9	7,876	
		Stove or stove-pipe insufficiently protected	192	115,631	
		Sun's rays	3	110	
		Tar boiling over	1	1,500	
		Thawing pipes	8	2,978	
		Unknown	164	322,919	
		Wood too near furnace	3	933	
		Wood too near stove	7	2,587	
					$1,088,566
Electrical sub-stations	1	Lightning	1		1,100
Electric-light plants	5	Engine back-firing	1	$3,500	
		Gasoline-vapour explosion	1	936	
		Short circuit	1	210	
		Smokers' carelessness	1	16,111	
		Unknown	1	700	
					21,457
Factories (bed and mattress)	1	Sparks from boiler	1		15
Factories (casket)	1	Friction in machinery	1		671
Factories (electric signs)	1	Electrical appliances	1		13
Factories (furniture)	7	Defective chimney	1	$297	
		Defective oil-burning equipment	1	11,208	
		Gasoline carelessness	1	1,110	
		Spontaneous ignition	1	7,898	
		Stove insufficiently protected	1	5,989	
		Unknown	2	16,124	
					42,626

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

Property.		Causes.		Amount of Loss.	
Factories (paper box)	1	Unknown	1		$52,082
Factories (paper shredding)	1	Exposure	1		3,568
Factories (rag)	1	Friction sparks	1		300
Factories (roof products)	1	Tar boiling over	1		3,199
Factories (sash and door)	2	Unknown	2		84,464
Fences	1	Unknown	1		5
Fire-halls	1	Short circuit	1		90
Fishing-boats	27	Defective carburettor	1	$79	
		Defective oil-burner	2	8,000	
		Defective wiring	1	265	
		Engine back-firing	8	13,584	
		Exposure	1	400	
		Gasoline carelessness	3	1,942	
		Gasoline-vapour explosion	2	4,344	
		Kerosene carelessness	1	300	
		Smokers' carelessness	1	550	
		Stove insufficiently protected	2	9,016	
		Unknown	5	8,140	
					46,620
Foundries	12	Ashes against wood	1	$969	
		Defective oil-burning equipment	1	250	
		Exposure	2	9,041	
		Gasoline-vapour explosion	1	4,222	
		Molten metal	1	1,702	
		Sparks from acetylene torch	1	5,342	
		Sparks from chimney	1	1,226	
		Sparks from furnace	2	1,609	
		Unknown	2	1,200	
					25,561
Freight-cars	6	Exposure	1	$3,000	
		Friction in machinery	1	2,000	
		Incendiary	1	1,000	
		Spontaneous ignition	2	16,335	
		Unknown	1	175	
					22,510
Fruit-packing plants	1	Incendiary	1		699
Garages (private)	53	Acetylene-torch carelessness	1	$175	
		Ashes against wood	1	100	
		Defective chimney	1	108	
		Exposure	3	546	
		Firecrackers	2	35	
		Furnace insufficiently protected	1	3,537	
		Gasoline-torch carelessness	2	3,421	
		Incendiary	1	306	
		Matches, children with	2	732	
		Short circuit	6	5,920	
		Smokers' carelessness	4	2,594	
		Sparks from bonfire	3	40	
		Sparks from bush fire	3	7,254	
		Sparks from chimney	3	70	
		Sparks from stove	1	280	
		Stove insufficiently protected	1	3,400	
		Unknown	18	26,137	
					54,655
Garages (public)	19	Acetylene-torch carelessness	2	$16,906	
		Clothes too near stove	1	49	
		Defective oil-burner	1	250	
		Defective oil-burning equipment	2	1,079	
		Electrical appliances	2	180	
		Engine back-firing	1	200	
		Gasoline carelessness	2	654	
		Short circuit	2	643	
		Smokers' carelessness	1	77	
		Sparks from acetylene torch	3	438	
		Unknown	2	6,765	
					27,241

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

Property.		Causes.		Amount of Loss.	
Gasoline-shovels	1	Unknown	1		$50
Gasoline-stations	12	Acetylene-torch carelessness	1	$71	
		Gasoline on exhaust-pipe	1	1,300	
		Gasoline-pump damaged by car	1	405	
		Gasoline-vapour explosion	1	890	
		Short circuit	1	31	
		Smokers' carelessness	2	43	
		Spontaneous ignition	2	2,897	
		Stove insufficiently protected	1	60	
		Unknown	2	10,612	
					16,309
Golf club-houses	2	Smokers' carelessness	2		257
Grandstands	1	Unknown	1		3,525
Greenhouses	7	Coal stoker back-firing	1	$1,500	
		Defective chimney	1	50	
		Defective oil-burner	2	1,466	
		Smokers' carelessness	1	50	
		Stove insufficiently protected	1	20	
		Unknown	1	1,582	
					4,668
Halls	34	Defective wiring	1	$2,220	
		Electrical appliances	2	926	
		Exposure	1	10,893	
		Furnace insufficiently protected	1	20	
		Gasoline carelessness	1	240	
		Incendiary	2	4,109	
		Smokers' carelessness	15	21,739	
		Sparks from bonfire	1	30	
		Sparks from chimney	3	121	
		Sparks from furnace	1	58	
		Tar boiling over	1	75	
		Thawing pipes	1	1,020	
		Unknown	4	13,303	
					54,754
Haystacks	2	Matches, children with	1	$900	
		Unknown	1	4,980	
					5,880
Hospitals	12	Defective wiring	1	$525,000	
		Electrical appliances	1	116	
		Exposure	1	1,931	
		Smokers' carelessness	8	470	
		Unknown	1	10	
					527,527
Hotels	151	Candle carelessness	2	$547	
		Defective chimney	6	7,835	
		Defective oil-burning equipment	1	276	
		Defective stove-pipe	1	55	
		Electrical appliances	6	458	
		Exposure	2	2,553	
		Furnace-pipe insufficiently protected	1	270	
		Grease on stove	1	13,150	
		Match carelessness	1	5	
		Short circuit	1	200	
		Smokers' carelessness	112	32,719	
		Sparks from chimney	3	2,940	
		Sparks from fireplace	2	80	
		Spontaneous ignition	1	13,125	
		Stove insufficiently protected	1	200	
		Unknown	10	12,665	
					87,078
House-boats	3	Short circuit	1	$19	
		Unknown	2	900	
					919
Launches	15	Defective oil-burner	1	$66	
		Engine back-firing	1	50	

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

Property.		Causes.		Amount of Loss.	
		Gasoline carelessness	1	$24	
		Gasoline-torch carelessness	1	30	
		Gasoline-vapour explosion	4	10,200	
		Short circuit	1	1,500	
		Smokers' carelessness	1	4,500	
		Stove insufficiently protected	1	3,825	
		Unknown	4	6,200	
					$26,395
Laundries	9	Clothes too near stove	1	$2,180	
		Electrical appliances	1	49	
		Exposure	1	185	
		Friction on gears	1	323	
		Stove insufficiently protected	1	378	
		Unknown	4	10,508	
					13,623
Locomotives	2	Short circuit	1	$50	
		Sparks from boiler	1	350	
					400
Logging camps	23	Engine back-firing	4	$9,188	
		Friction sparks	1	51,762	
		Gasoline-vapour explosion	1	1,980	
		Match carelessness	2	27,960	
		Smokers' carelessness	1	88,941	
		Sparks from acetylene torch	1	14,832	
		Sparks from boiler	2	1,511	
		Sparks from bush fire	1	4,175	
		Sparks from chimney	1	1,867	
		Sparks from engine	1	847	
		Stove insufficiently protected	1	1,803	
		Unknown	7	50,678	
					255,544
Machine-shops	10	Ashes against wood	1	$109	
		Electrical appliances	2	276	
		Exposure	2	1,007	
		Friction in machinery	1	26	
		Gasoline carelessness	1	100	
		Sparks from acetylene torch	1	200	
		Unknown	2	1,036	
					2,754
Mining properties	6	Friction in machinery	1	$643	
		Lightning	3	3,229	
		Smokers' carelessness	1	258	
		Spontaneous ignition	1	600	
					4,730
Motor-cycles	18	Engine back-firing	13	$1,618	
		Gasoline carelessness	1	60	
		Gasoline on exhaust-pipe	1	25	
		Gasoline-vapour explosion	1	50	
		Motor-cycle upset	1	550	
		Short circuit	1	26	
					2,329
Offices	31	Bunsen burner, carelessness with	1	$7,000	
		Clothes too near stove	1	30	
		Defective chimney	1	3,604	
		Defective oil-burner	1	595	
		Electrical appliances	3	1,127	
		Exposure	3	6,175	
		Match carelessness	1	26	
		Short circuit	1	6,664	
		Smokers' carelessness	10	28,015	
		Sparks from acetylene torch	1	9,202	
		Sparks from chimney	4	114	
		Stove or stove-pipe insufficiently protected	3	505	
		Unknown	1	37	
					63,094

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

Property.		Causes.		Amount of Loss.	
Oil-sheds	1	Match carelessness	1		$171
Old people's homes	1	Smokers' carelessness	1		10
Paper-mills	6	Friction in machinery	1	$50	
		Sparks from acetylene torch	3	16,149	
		Spontaneous ignition	1	150	
		Unknown	1	275	
					16,624
Paving-machines	1	Engine back-firing	1		350
Piggeries	2	Sparks from stove	1	$760	
		Unknown	1	1,000	
					1,760
Poles	1	Matches, children with	1		5
Pool-rooms	1	Exposure	1		1,550
Post-offices	2	Stove-pipe insufficiently protected	1	$5	
		Unknown	1	170	
					175
Power-hoists	1	Gasoline carelessness	1		82
Power-houses	2	Sparks from engine	1	$465	
		Unknown	1	1,900	
					2,365
Power-saws	2	Engine back-firing	1	$274	
		Unknown	1	8,000	
					8,274
Printing plants	7	Defective oil-burning equipment	1	$5,473	
		Smokers' carelessness	2	69	
		Sparks from furnace	1	500	
		Spontaneous ignition	1	615	
		Unknown	2	1,204	
					7,861
Refineries (sugar)	1	Electrical appliances	1		1,739
Restaurants	39	Clothes too near stove	1	$9	
		Defective oil-burner	1	488	
		Defective oil-burning equipment	1	140	
		Electrical appliances	2	228	
		Exposure	3	2,385	
		Gas explosion	1	422	
		Gasoline-vapour explosion	1	3,429	
		Grease on stove	9	1,077	
		Incendiary	1	362	
		Matches, children with	1	100	
		Short circuit	1	35	
		Smokers' carelessness	8	17,060	
		Sparks from stove	2	5,789	
		Stove or stove-pipe insufficiently protected	4	1,001	
		Unknown	3	35,886	
					68,411
Rinks (ice)	1	Unknown	1		3,612
Rooming-houses	120	Curtains from stove	1	$52	
		Defective chimney	4	247	
		Electrical appliances	3	89	
		Exposure	2	687	
		Gas explosion	1	32	
		Gas-plate insufficiently protected	1	36	
		Grease on stove	3	123	
		Matches, children with	2	53	
		Oil-burner explosion	1	6	
		Short circuit	3	157	
		Smokers' carelessness	82	11,349	
		Sparks from chimney	6	238	
		Sparks from fireplace	2	53	
		Sparks from stove	1	75	
		Stove-pipe insufficiently protected	2	105	
		Unknown	5	1,924	
		Wood too near stove	1	85	
					15,311

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

Property.		Causes.		Amount of Loss.	
Sawmills	39	Acetylene-torch carelessness	1	$309,501	
		Clothes too near stove	1	10,021	
		Electrical appliances	1	50	
		Engine back-firing	2	37,686	
		Exposure	1	692	
		Friction in machinery	1	400	
		Friction sparks	1	550	
		Gasoline carelessness	1	2,042	
		Gasoline-torch carelessness	2	12,869	
		Short circuit	7	555,506	
		Sparks from acetylene torch	1	414	
		Sparks from chimney	1	31	
		Sparks from mill burner	4	154,343	
		Unknown	15	1,062,225	
					$2,146,330
Schools	25	Ashes against wood	1	$10	
		Furnace insufficiently protected	1	3,254	
		Gasoline-torch carelessness	1	10	
		Incendiary	7	33,292	
		Short circuit	1	500	
		Smokers' carelessness	1	240	
		Sparks from chimney	1	12	
		Sparks from furnace-pipe	1	60	
		Stove-pipe insufficiently protected	2	4,650	
		Unknown	9	51,347	
					93,375
Sheds	77	Acetylene-torch carelessness	1	$1,123	
		Ashes against wood	1	208	
		Clothes too near stove	1	82	
		Defective stove	2	35	
		Electrical appliances	1	185	
		Engine back-firing	1	65	
		Exposure	4	1,386	
		Firecrackers	2	18	
		Gasoline-torch carelessness	1	400	
		Gasoline-vapour explosion	2	2,605	
		Incendiary	2	110	
		Matches, children with	9	659	
		Short circuit	1	832	
		Smokers' carelessness	6	1,237	
		Sparks from acetylene torch	1	13	
		Sparks from bonfire	1	225	
		Sparks from chimney	3	665	
		Sparks from stove	3	1,886	
		Spontaneous ignition	1	25	
		Stove or stove-pipe insufficiently protected	6	1,526	
		Tar boiling over	1	5	
		Thawing pipes	1	5,500	
		Unknown	26	15,440	
					34,260
Shingle-mills	7	Loose shingles falling on steam-pipes	1	$46,379	
		Sparks from mill burner	1	29,671	
		Unknown	5	63,619	
					139,669
Ships	3	Smokers' carelessness	1	$550	
		Stove insufficiently protected	1	500	
		Unknown	1	900	
					1,950
Shipyards	1	Unknown	1		28,783
Sidewalks	1	Sparks from bonfire	1		10
Smelting plants	29	Acetylene-torch carelessness	1	$150	
		Asphalt boiling over	1	200	
		Defective chimney	2	400	
		Defective oil-burning equipment	1	8,500	

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

Property.		Causes.		Amount of Loss.	
		Electrical appliances	5	$865	
		Friction in machinery	1	10	
		Furnace insufficiently protected	1	25	
		Lightning	3	5,100	
		Live coals	1	35	
		Molten metal	2	150	
		Short circuit	7	1,945	
		Sparks from chimney	1	50	
		Unknown	3	2,110	
					$19,540
Speeders	1	Gasoline-vapour explosion	1		1,093
Stables	1	Unknown	1		95
Steel-fabricating plants	2	Defective acetylene equipment	1	$104	
		Molten metal	1	80	
					184
Stores	177	Acetylene-torch carelessness	1	$185	
		Ashes against wood	2	40	
		Boiler insufficiently protected	1	150	
		Clothes too near stove	4	2,326	
		Defective chimney	2	5,151	
		Defective oil-burner	2	108	
		Defective oil-burning equipment	5	2,180	
		Defective wiring	3	10,340	
		Electrical appliances	19	12,758	
		Exposure	15	26,559	
		Firecrackers	21	667	
		Furnace-pipe insufficiently protected	1	12,698	
		Gasoline carelessness	4	15,347	
		Gasoline-vapour explosion	1	5,854	
		Grease on stove	2	472	
		Incendiary	3	12,418	
		Lightning	2	127	
		Oil-burner explosion	1	248	
		Sawdust-burner back-firing	1	60	
		Short circuit	5	417	
		Smokers' carelessness	51	6,591	
		Sparks from bonfire	2	52	
		Sparks from chimney	4	1,936	
		Sparks from stove	1	5	
		Spontaneous ignition	3	5,630	
		Stove or stove-pipe insufficiently protected	6	18,139	
		Unknown	15	229,200	
					369,658
Stores and apartments	52	Ashes against wood	4	$1,510	
		Curtains from stove	1	50	
		Defective chimney	7	233	
		Defective fireplace	1	431	
		Defective stove	1	48	
		Defective wiring	1	4,274	
		Electrical appliances	4	2,386	
		Exposure	4	2,489	
		Furnace-pipe insufficiently protected	1	123	
		Matches, children with	1	236	
		Smokers' carelessness	13	9,641	
		Sparks from chimney	1	43	
		Sparks from furnace	1	119	
		Sparks from stove	1	125	
		Stove explosion	3	1,678	
		Stove or stove-pipe insufficiently protected	5	7,096	
		Unknown	3	127,436	
					157,918
Stores and dwellings	49	Candle carelessness	1	$25	
		Clothes too near stove	1	5	
		Defective chimney	1	65	

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

Property.		Causes.		Amount of Loss.	
		Defective oil-burner	1	$210	
		Exposure	5	53,194	
		Firecrackers	2	86	
		Gasoline-torch carelessness	1	18	
		Incendiary	2	25,839	
		Match carelessness	1	38	
		Oil-burner explosion	1	13,484	
		Short circuit	2	4,043	
		Smokers' carelessness	12	11,687	
		Sparks from bush fire	1	19,140	
		Sparks from chimney	1	5	
		Sparks from fireplace	1	34	
		Stove or stove-pipe insufficiently protected	6	2,978	
		Thawing pipes	1	25	
		Unknown	8	37,076	
		Varnish boiling over	1	50	
					$168,002
Stores and offices	10	Electrical appliances	1	$6,006	
		Exposure	1	1,099	
		Furnace insufficiently protected	1	200	
		Short circuit	2	30	
		Smokers' carelessness	3	1,308	
		Sparks from bonfire	1	38	
		Unknown	1	36,526	
					45,207
Stores and rooms	25	Ashes against wood	3	$4,421	
		Candle carelessness	1	248	
		Defective chimney	2	1,135	
		Electrical appliances	1	445	
		Exposure	1	18,000	
		Firecrackers	1	645	
		Short circuit	2	304	
		Smokers' carelessness	12	3,462	
		Sparks from chimney	1	705	
		Tar boiling over	1	495	
					29,860
Street-cars	5	Short circuit	5	.....	22,256
Theatres	8	Defective chimney	1	$960	
		Defective film	1	50	
		Electrical appliances	1	180	
		Exposure	1	25,852	
		Matches, children with	1	26	
		Smokers' carelessness	1	10	
		Spontaneous ignition	1	50	
		Stove insufficiently protected	1	676	
					27,804
Tractors	3	Engine back-firing	1	$86	
		Short circuit	1	2,000	
		Unknown	1	1,111	
					3,197
Trailers	4	Friction on tires	1	$100	
		Stove or stove-pipe insufficiently protected	2	97	
		Unknown	1	250	
					447
Trestles	1	Unknown	1	.....	25
Tug-boats	7	Electrical appliances	1	$125	
		Engine back-firing	1	3,866	
		Gasoline-vapour explosion	1	317	
		Incendiary	1	150	
		Smokers' carelessness	1	100	
		Unknown	2	480	
					5,038
Warehouses	44	Ashes against wood	1	$606	
		Defective chimney	1	49	

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

Property.		Causes.		Amount of Loss.	
		Defective oil-burner	1	$72	
		Electrical appliances	1	564	
		Exposure	5	47,308	
		Friction in machinery	1	25	
		Friction on conveyer-belt	1	10	
		Friction on pulley	1	84	
		Friction sparks	1	430	
		Furnace or furnace-pipe insufficiently protected	2	24,498	
		Gasoline carelessness	1	241	
		Gasoline-torch carelessness	1	7,218	
		Gas-plate insufficiently protected	1	11,510	
		Incendiary	2	13,220	
		Matches, children with	1	420	
		Short circuit	2	829	
		Smokers' carelessness	6	46,557	
		Sparks from acetylene torch	1	301	
		Sparks from furnace	1	181	
		Sparks from stove	1	700	
		Spontaneous ignition	2	207,883	
		Stove insufficiently protected	1	169	
		Unknown	8	28,413	
		Water in lime	1	6,216	
					$397,504
Wharves	2	Smokers' carelessness	1	$50	
		Unknown	1	104	
					154
Woodworking plants	2	Exposure	1	$88	
		Unknown	1	7,023	
					7,111
Totals	5,744		5,744		$7,147,720

TABLE V.—SUMMARY.

	Fires Reported.					Amount of Loss.				
	City Municipalities (35).	District Municipalities (27).	Village Municipalities (37).	Fire Districts (18).	Totals.	City Municipalities.	District Municipalities.	Village Municipalities.	Fire Districts.	Totals.
1948.										
January	377	116	20	63	576	$90,759	$94,146	$10,158	$125,171	$320,234
February	359	77	22	69	527	185,398	34,020	133,869	122,103	475,390
March	323	117	9	71	520	139,979	84,834	4,930	96,103	325,846
April	340	72	22	60	494	275,439	49,416	76,252	88,918	490,025
May	285	75	9	53	422	638,031	39,419	9,221	79,346	766,017
June	265	74	2	56	397	132,798	32,445	297	224,642	390,182
July	266	67	7	45	385	148,154	27,493	2,864	1,107,151	1,285,662
August	247	72	28	61	408	362,763	29,302	98,815	157,946	648,826
September	278	84	6	51	419	160,392	111,426	1,244	77,751	350,813
October	333	84	10	63	490	131,355	39,602	4,367	324,462	499,786
November	292	101	7	66	466	237,771	601,719	1,425	148,399	989,314
December	412	139	21	68	640	355,623	97,859	19,377	132,766	605,625
Totals, 1948	3,777	1,078	163	726	5,744	$2,858,462	$1,241,681	$362,819	$2,684,758	$7,147,720
Totals, 1947	3,867	1,077	113	638	5,695	4,480,751	1,753,851	138,774	1,986,525	8,359,901
Totals, 1946	3,835	934	95	600	5,464	1,276,892	856,654	55,886	1,247,976	3,437,408
Totals, 1945	3,666	818	83	526	5,093	3,043,359	464,121	120,301	1,619,521	5,247,302
Totals, 1944	3,049	733	73	505	4,360	1,412,051	863,436	155,882	1,170,580	3,601,949
	18,194	4,640	527	2,995	26,356	$13,071,515	$5,179,743	$833,662	$8,709,360	$27,794,280

TABLE VI.—LOSS OF LIFE, 1944–48.

Occupancy.	Cause of Fire.	Loss of Life.		
		Men.	Women.	Children.
Apartment	Ashes against wood	1	....	....
Automobile	Car upset	2	....	....
Bunk-house	Incendiary	2	....	....
Construction camp	Unknown	1	....	....
Cook-house	Fuel-oil, carelessness in use of	....	1	....
Dwelling	Defective stove	....	....	2
Dwelling	Gasoline carelessness	....	....	3
Dwelling	Gasoline carelessness	....	....	2
Dwelling	Gasoline carelessness	1	....	....
Dwelling	Kerosene carelessnes	....	....	2
Dwelling	Kerosene carelessness	1	....	....
Dwelling	Matches, children with	....	....	1
Dwelling	Matches, children with	....	....	1
Dwelling	Matches, children with	....	....	1
Dwelling	Matches, children with	....	....	2
Dwelling	Sawdust-burner back-firing	1	....	....
Dwelling	Smokers' carelessness	1	....	....
Dwelling	Smokers' carelessness	1	....	....
Dwelling	Sparks from stove	1	....	....
Dwelling	Stove insufficiently protected	....	....	1
Dwelling	Stove insufficiently protected	1	1	....
Dwelling	Stove insufficiently protected	1	....	....
Dwelling	Stove insufficiently protected	1	....	....
Dwelling	Unknown	....	....	2
Dwelling	Unknown	....	....	1
Dwelling	Unknown	....	....	1
Dwelling	Unknown	....	....	1
Dwelling	Unknown	....	....	1
Dwelling	Unknown	....	....	1
Dwelling	Unknown	....	....	1
Dwelling	Unknown	1	....	....
Dwelling	Unknown	1	....	....
Dwelling	Unknown	1	....	....
Dwelling	Unknown	1	....	....
Factory (furniture)	Gasoline carelessness	1	....	....
Fishing-boat	Kerosene carelessnes	1	....	....
Fishing-boat	Unknown	1	....	....
Hospital	Smokers' carelessness	1	....	....
Hotel	Smokers' carelessness	....	1	....
House-boat	Unknown	1	....	....
Rooming-house	Electrical appliances	1	....	....
Shingle-mill	Unknown	1	....	....
Smelting plant	Unknown	2	....	....
Store and apartment	Smokers' carelessness	....	1	....
Store and apartment	Unknown	....	....	1
Store and rooms	Smokers' carelessness	....	1	....
Trailer	Unknown	1	....	....
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

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