

# CONSOLIDATED MONTHLY REPORT

FIRE DEPARTMENT

For the month of December 19 68

A CLASSIFICATION OF ALARMS	This Month	Last Month	This Month Last Year	This Year to Date	Last Year to Date
<b>How Alarms Were Received:</b>					
Box	136	198	117	2045	1268
Telephone	1020	811	641	9776	8224
Auxiliary and Miscellaneous	157	122	114	1736	1459
<b>Total Alarms</b>	<b>1313</b>	<b>1131</b>	<b>872</b>	<b>13557</b>	<b>10951</b>
<b>FIRES</b>					
In Buildings	186	168	154	2059	1796
Brush or Grass	371	197	102	2683	2113
Rubbish near Buildings	11	14	5	105	136
Rubbish in Vacant Lots	1	6	1	16	20
Dumps	1			25	24
Miscellaneous Fires Outdoors	48	38	18	485	327
Vehicles in Street	117	99	128	1545	1392
<b>Total Fires</b>	<b>735</b>	<b>522</b>	<b>408</b>	<b>6918</b>	<b>5808</b>
<b>CALLS OTHER THAN FIRES</b>					
Rescue or Emergency	263	224	208	2501	1838
Needless Calls	72	100	62	872	1095
Accidental Alarms	31	31	34	369	319
False Alarms	161	219	132	2382	1495
<b>Total Calls Other Than Fires</b>	<b>527</b>	<b>574</b>	<b>436</b>	<b>6124</b>	<b>4747</b>
<b>Total Alarms in City</b>	<b>1262</b>	<b>1096</b>	<b>844</b>	<b>13042</b>	<b>10555</b>
<b>OUT-OF-CITY CALLS</b>					
Special Aid					
Contract Aid	51	35	28	515	396
Mutual Aid					
<b>Total Out-of-City Calls</b>	<b>51</b>	<b>35</b>	<b>28</b>	<b>515</b>	<b>396</b>
<b>Total Alarms</b>	<b>1313</b>	<b>1131</b>	<b>872</b>	<b>13557</b>	<b>10951</b>

B DIRECT FIRE LOSS	This Month	Same Month Last Year	This Year to Date	Last Year to Date
Fire Loss (Best Figures to Date)	646548	335232	7702317	4715912
Persons Killed by Fire	17	3	39	18
Persons Injured	18	5	107	107

C INDEX FIGURES	This Year to Date	Last Year to Date
Fires per 1000 population	4.11	3.50
Fires per \$1,000,000 valuation	.55	.50
Fires per 1000 buildings	9.34	8.14
Fire loss per capita	15.00	9.05
Fire loss per \$1,000,000 valuation	2034.68	1296.05
Average Fire loss per building fire	3643.46	2586.33

D LOSS BY SIZE OF FIRE	This Year to Date		Last Year	
	% of Fires	% of Loss	% of Fires	% of Loss
Over \$15,000	3.20	77.05	2.61	66.41
\$5,000 to \$15,000	5.71	12.56	5.17	16.40
\$1,000 to \$5,000	10.91	7.75	13.28	13.04
\$100 to \$1,000	20.18	2.55	19.79	3.29
Less than \$100	5.18	.09	9.06	.36
No Loss	54.82		50.09	

Additional data used in C above:  
 Population 500,100  
 Valuation of Real Estate, corrected to true value \$ 3,687,440,561  
 Buildings in city 220,676  
 Note: Building fires and losses only are used in C and D.



E ANALYSIS OF LOSS FIGURES		This Year to Date	Last Year to Date
<b>FIRES IN BUILDINGS</b>			
Insurance Carried on Property Involved in Fires		478217089	264756634
Preliminary Estimates of Insurance Losses		7029388	4201190
Total Valuation of Property Involved in Fires		613913878	327921026
Insurance Losses Adjusted		4023251	3360820
Insurance Losses Pending (Preliminary Estimates)		3520698	1031732
Estimated Uninsured Losses		472508	252509
Best Figures to Date		7501896	4645061
<b>OUTDOOR FIRES (Automobiles, Grass, Misc.)</b>			
Best Figures to Date		200421	70851
<b>Totals</b>		7702317	4715912

F CAUSES OF FIRES IN BUILDINGS	No. of Fires This Month	This Year to Date			Last Year to Date		
		No. of Fires	Loss (Best Figure)	% of Total Loss	No. of Fires	Loss (Best Figure)	% of Total Loss
1. Chimneys, Soot Burning		1					
2. Defective or Overheated Chimneys, Flues	5	27	36767	.489	22	20615	.443
3. Sparks on Wooden Shingle Roofs					1		
4. Sparks on Other Roofing					1		
5. Defective Heaters	9	41	99201	1.319	29	65225	1.406
6. Rubbish Near Heaters		11	7945	.105	10	27835	.598
7. Combustibles Near Heaters	15	152	238547	3.172	114	173953	3.739
8. Open Lights, Flames	2	14	216100	2.874	9	2590	.055
9. Hot Ashes					4	1700	.036
10. Oil Burners		1	275	.003	5	8800	.189
11. Starting Fires, Kerosene, Gasoline		1			2	10805	.232
12. Careless Smoking	42	535	476846	6.342	477	36473	7.765
13. Children with Matches	12	132	65173	.866	172	169190	3.637
14. Other Careless Use of Matches	6	58	47683	.634	63	31765	.682
15. Defective Electric Wiring	14	151	155995	2.074	149	293148	1.302
16. Electric Appliances and Motors	12	122	251355	3.343	84	71390	1.534
17. Home Dry Cleaning		1	250	.003	1		
18. Other Use of Flammable Liquids	6	66	160943	2.140	64	131727	2.832
19. Lamps and Stoves					2		
20. Gas and Appliances	3	51	11015	.146	28	47520	1.021
21. Grease on Stoves	16	167	207151	2.755	141	245019	5.267
22. Spontaneous Ignition	1	4	475	.006	8	4580	.098
23. Fireworks							
24. Lightning—Rodded Buildings		1					
25. Lightning—Not Rodded		17	46621	.620	9	21155	.454
26. Thawing Pipes					2	120	.002
27. Sparks from Machinery	1	22	20925	.278	16	21500	.677
28. Incendiary	6	165	571149	7.596	134	404631	8.699
29. Miscellaneous Known Causes	13	105	116600	1.550	90	212349	4.565
30. Suspicious		2			2	2040	.043
31. Unknown	23	212	4770880	63.452	157	2306231	49.583
<b>Total Building Fires</b>	186	2059	7501896		1796	4645061	



December 1968

## G INSPECTIONS, FIRES, AND LOSSES BY OCCUPANCIES

Occupancy of Building	This Year to Date			Last Year to Date		
	Inspections	Fires	Losses	Inspections	Fires	Losses
<b>I. PUBLIC BUILDINGS</b>						
a. Government Buildings	192	2	65200	156	2	
b. Hospitals and Institutions	489	17	5714	451	13	12867
c. Schools	1290	18	246819	1078	10	166100
d. Churches	629	10	52258	658	15	489465
e. Amusement Buildings	1077	17	145650	815	6	64190
<b>II. DWELLING OCCUPANCIES</b>						
a. Hotels	281	78	17715	225	85	43319
b. Lodging Houses	337	23	45495	393	25	16095
c. Apartments	5639	507	504710	5122	419	492204
d. Dwellings	164	876	1487918	97	805	1306526
e. Stores and Dwellings	84	6	2550	72	4	58200
<b>III. MERCANTILES</b>						
a. Office Buildings	1192	45	2439975	1567	48	275950
b. Small Retail Stores	4317	116	424810	3818	52	137790
c. Restaurants	971	68	160275	941	57	244877
d. Large Single Occupancy Mercantiles	496	4	2300	398	5	2500
e. Multiple Occupancy Mercantiles	159	6	14000	153	3	
f. Wholesale Houses	1124	7	34075	770	5	73000
g. Storage Warehouses	1098	50	1226918	1053	23	133100
<b>IV. MANUFACTURING</b>						
a. Textile, Fabric Workers	298	24	50190	234	16	23550
b. Metal Workers	552	17	116101	547	8	5800
c. Wood Workers	154	6	27700	166	8	25000
d. Food Products	171	3		137	5	150
e. Chemical Works	93	2	250	118	4	80873
f. Flammable Liquids and Gases	987	25	2656	943	29	7625
g. Multiple Occupancy Manufacturing	77			31	2	
h. Miscellaneous Manufacturing	568	7	254000	630	15	558599
<b>V. MISCELLANEOUS BLDGS.</b>						
a. Lumber Yards	123	1	5000	67		
b. Railroad, Wharf Property	11	2		29	1	7500
c. Bulk Oil Storage	3			8		
d. Public Garages and Filling Stations	1147	18	5595	899	26	141380
e. Private Garages	1183	44	34712	1420	60	241241
f. Miscellaneous Structures	703	60	129310	583	45	37160
<b>Total in Buildings</b>	<b>25659</b>	<b>2059</b>	<b>7501896</b>	<b>23579</b>	<b>1796</b>	<b>4645061</b>



## H FIRES AND LOSSES BY TYPE OF BUILDING

Type of Building	Fires to Date		Losses to Date	
	This Year	Last Year	This Year	Last Year
<b>BUILDING IN WHICH FIRE STARTED</b>				
<b>Fire-Resistive:</b>				
Reinforced Concrete	77	103	242393	651283
Protected Steel Frame	33	2	2288576	2460
<b>Not Fire-Resistive*:</b>				
Brick or Stone Walls	928	850	3256174	2761897
Iron-Clad	31	27	52637	174230
Concrete Block or Tile Walls	58	39	260910	28381
Wood Frame	920	750	1292411	960577
Not Classified	12	19	20045	12998
<b>Totals in Buildings Where Started</b>	<b>2059</b>	<b>1796</b>	<b>7413146</b>	<b>4591826</b>
<b>Exposure Losses (Number of the above fires which spread to other buildings, and losses in these other buildings):</b>	<b>29</b>	<b>22</b>	<b>88750</b>	<b>53235</b>
<b>Total Losses</b>			<b>7501896</b>	<b>4645061</b>
* Interior construction mostly wood or with unprotected steel members.				
Plans checked for new and alteration	6	5	188	167
Fire alarm systems new		2	7	10
Exit light systems new		1	6	14
Fire alarms and exit lights (Exist)	39	65	771	430

## I FOLLOW-UP ON INSPECTIONS AND OTHER FIRE PREVENTION WORK

Number of Cases in Which the Following Work Was Done	This Month	Last Month	This Year to Date	Last Year to Date
Inspections by company personnel	582	180	1503	1533
Inspections by Fire Prevention Bureau	2056	2180	25659	23577
Total re-inspections	363	237	3530	3144
Gas and fuel oil inspections	16	13	299	170
New buildings inspected	16	22	326	157
<del>Boiler</del> inspections of fires in buildings	142	133	1403	1132
Oil burners inspected			1	
Bottle gas inspections			4	3
Zoning inspections				
Complaints received	78	37	647	625
Violations found	571	574	6901	6609
Extensions of time granted	33	19	343	346
Notices of violations issued	338	297	3012	1297
Liability notices served	151	229	2396	2175
Violations corrected	457	406	5063	4986
Conditions referred to other departments	15	27	306	351
Court actions instituted	3	1	21	18
Arrests made				4
Convictions	1		24	10
Fire drills supervised	1	7	33	34
Radio talks			26	95
Other talks and lectures: Number	25	38	402	249
Total audience	3000	3720	46246	32808
Photographs taken: for Fire Prev. Bureau	54		482	352
Other	12	23	197	188
School Exit Drills Supervised		3	138	107
Dynamite Permits	1	2	18	22
Burning Permits issued	87	67	1216	1386
<del>Boiler</del> permits Issued	12	29	418	536



J INVESTIGATION OF FIRES	This Month	Last Month	This Year to Date	Last Year to Date
Total Fires Investigated	25	28	317	319
Determined Accidental	13	9	121	140
Determined Suspicious			2	5
Undetermined Origin	6	3	48	55
Incendiary	6	16	144	119
Incendiary Fires:				
Fires for which Arrests were Made	2	1	22	31
Number of Arrests	2	1	18	34
Cases in which Convictions were Secured	1	1	21	15
Number of Convictions	1	1	21	15
False Alarms:				
Alarms for which Arrests were Made			11	5
Cases in which Convictions were Secured			6	2
Misdemeanors (in connection with fires):			1	26
Convictions		1	2	11
Not Classified			2	

Remarks on Investigation Work:

December 1968

## K PERSONNEL DATA

Manpower	This Month	Last Month	Same Month Last Year	Changes	This Month	This Year to Date	Last Year to Date
Total Personnel at End of Month	911	911	895	Appointments	9	173	247
Total Days Lost for Sickness	880	352½	439	Resignations	6	102	97
Total Days Lost for Injury	84	87	147	Retirements	2	20	5
Average Daily Absences				Dismissals	3	50	82
Smallest Fighting Force on Duty				Deaths	1	4	
Largest Fighting Force on Duty				Promotions	3	49	240
Total Days Vacation	90½	490	53	Demotions		4	7
Days off, Personal	14	17	24	Military Leaves	2	31	40
Military Leave, Days off	10	22	20	Ret.Mil.Lv.	2	16	18
Suspensions, Days off	7	21	2	Reemployed	6	32	95
Duty out-of-City, Days off				Suspended	5	20	22
Holidays	240	441	178	Reclassified			42
Loaned from Ext. Div.	21	40	21				



December 1968

L HOW ALL FIRES WERE CONTROLLED	This Month	This Year to Date	Last Year to Date
	Out before arrival of apparatus	76	767
By occupants (with extinguishers, hose lines, etc.)	22	410	321
Automatic sprinklers controlled fire	5	98	75
Automatic sprinklers held fire in check Heads Replaced	15	414	214
By Fire Department, using: Standpipe Systems	3	20	20
Water solution extinguishers			
Pump cans		2	4
Foam extinguishers	1	2	
Carbon Tetrachloride units			
CO <sub>2</sub> or dry-chemical gas units	17	205	180
Other type extinguishers		9	5
Burned off	1	163	45
Booster line with fog	475	4098	3635
Booster line with fog and wet water			
One 1½-inch hose line with fog	3	131	117
One 1½-inch hose line with fog & wet water			
Two or more 1½-inch hose line with fog	64	776	622
Two or more 1½-inch hose line with fog & wet water			22
One 2½-inch hose line with fog	11	110	111
One 2½-inch hose line with straight stream	6	104	52
Two or more 2½-inch hose line with fog	2	92	110
Two or more 2½-inch hose line with straight streams	4	123	42
Other equipment Brooms	5	52	62
Garden hose	11	102	77
Pulling switches or fuses	21	130	160
Rakes	4	22	23
Total Fires			

M USE OF EQUIPMENT	At Fires		At Drills	
	This Year to Date	Last Year to Date	This Year to Date	Last Year to Date
Feet of booster hose used	745634	588167		
Feet of 1½-inch hose used	283950	257585		
Feet of 2½-inch hose used	531475	459200		
Feet of ladders used	37279	40631		
Number of salvage covers spread	1011	867		
Gallons of water used (estimate)				
Gallons of Wet Water used (estimate)				
CO <sub>2</sub> (lbs.)	2220	1878		
Chemical foam (lbs.)				
Gas masks	707	525		
Resc. by Ladder Co.'s	206	200		
Smoke Ejectors	100	22		

N MISCELLANEOUS WORK	This Month	This Year to Date	Last Year to Date
	Fire alarm boxes tested	15	1007
Fire alarm boxes painted	1	95	91
Underground cable installed (feet)		14271	16156
Underground cable removed (feet)		1420	990
Aerial wire installed (feet)	900	42334	26878
Aerial wire removed (feet)		10759	8209
Hydrants moved for various reasons (Referred to Water Department)			
Individual cut-off valves installed on existing hydrants (Referred WD)			
New hydrants installed (Referred WD)			







December 1968

EQUIPMENT USED BY SQUAD CAR

	This Month	Last Month	This Year to Date	Last Year to Date
No. of Runs	42	37	432	341
Bandages				
First Aid	3	4	32	30
Inhalators & Resc.	10	10	53	32
Splints				
Blankets				
Diving Hoods				
Oxygen Masks				
Mileage				

ESTIMATED MILES SAVED BY CANCELLATION VIA RADIO

This Month	Last Month	This Year to Date	Last Year to Date

REMARKS (Use space below for comments or explanation of important or unusual items in any section, A to O, above.)



December 1968

## WORK OF FIRE COMPANIES

	THIS MONTH				THIS YEAR				LAST YEAR			
	P	T	C	R-42 S	P	T	C	R-432 S	P	T	C	R-341 S
1	67	31			971	478			583	283		
2	96				815				525			
3	54				743				483			
4	57	47	89		763	630	1137		575	436	800	
5	96	53			1266	871			956	647		
6	88				996				826			
7	90	71			1161	814			785	521		
8	33	29			522	398			398	291		
9	40				465				276			
10	107	62	121		1000	694	1486		766	486	1086	
11	79	72	108		808	717	1156		596	476	980	
12	64	72			790	786			625	537		
13	67				617				489			
14	34				363				311			
15	61				588				467			
16	97	80	89		1138	968	1130		734	514	667	
17	80		86		765		817		551		621	
18	44				431				320			
19	62				534				517			
20	45				452				424			
21	40	18			465	309			408	246		
22	73				845				609			
23	50	48			507	547			344	389		
R-1	19				242				254			
R-2	57				583				472			
R-3	53				603				488			
R-4	15				139				179			
Y-1	19				241				251			
Y-2	18				231				245			
25	56	37			389	315			293	230		
26	39		37		397		406		344		302	
27	14				262				216			
28	54				631				424			
29	47	38			534	355			468	346		
30	59	23			537	243			446	227		
31	11				140				157			
32	29	15			322	83			249			
33	20				183				130			
34	9				101				65			
R-2	3				4							