

1970 ANNUAL REPORT



CONTRA COSTA COUNTY CONSOLIDATED FIRE DISTRICT



FIRE CHIEF
A. V. Streuli

2010 Geary Road
Pleasant Hill, California 94523

TELEPHONE (415) 939-3400

BOARD OF FIRE COMMISSIONERS
Daniel E. Boatwright, Chairman
Leo F. Smarsh, Vice Chairman
Robert I. Schroder
H. Alvin Liming
Harold E. Wildes

1970 concluded the District's sixth year since consolidation.

The fire tax rate has been reduced for the sixth consecutive year, to \$0.724 per \$100 assessed valuation, resulting in a savings of \$883,921 for 1970 and a total savings of \$3,433,867 since consolidation.

The District experienced another busy year with over 5,000 individual responses which reflects an increase of 6% in the number of fire calls and 22% in rescue and resuscitator calls over the previous year. This indicates our citizens are relying on the Fire District for their emergency medical needs. The fire loss was kept below \$1,000 in 84.5% of the fires occurring in buildings.

The District expanded to 170 square miles with the annexation of the Island Fire District (5.75 square miles) and a portion of the Briones Park area (5.5 square miles).

Expansion of capital improvements included the purchase of a station site on Arthur Road, Martinez, one 90-foot platform truck, and chassis for two 1,250 gallon-per-minute pumpers and one 2,000 gallon tanker. Expansion of the Fire College was kept to a minimum due to the reduction of taxes and the District's desire not to resort to bonds for capital improvements.

I am very pleased with the cooperation and support the Board of Fire Commissioners has given the Fire Chief in upgrading the fire protection facilities throughout our Fire District.

Respectfully submitted,

A. V. Streuli

A. V. Streuli
Fire Chief

Contra Costa County Consolidated Fire District

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FIRE COMMISSIONERS AND AREAS SERVED

Population 253,799
Sq. Miles 170
Assessed Valuation \$597,244,119

DANIEL BOATWRIGHT — CONCORD

Population 85,164
Sq. Miles 24.0
Assessed Valuation \$166,023,155

ALVIN LIMING — CLAYTON

Population 1,385
Sq. Miles 0.7
Assessed Valuation \$2,618,278

ROBERT I. SCHRODER — WALNUT CREEK

Population 39,844
Sq. Miles 15.0
Assessed Valuation \$118,121,512

LEO F. SMARSH — PLEASANT HILL

Population 24,610
Sq. Miles 7.0
Assessed Valuation \$49,200,000

HAROLD E. WILDES — UNINCORPORATED

Population 65,806
Sq. Miles 103.8
Assessed Valuation \$160,871,313

LAFAYETTE

Population 20,484
Sq. Miles 12.0
Assessed Valuation \$60,100,000

MARTINEZ

Population 16,506
Sq. Miles 7.5
Assessed Valuation \$40,309,861

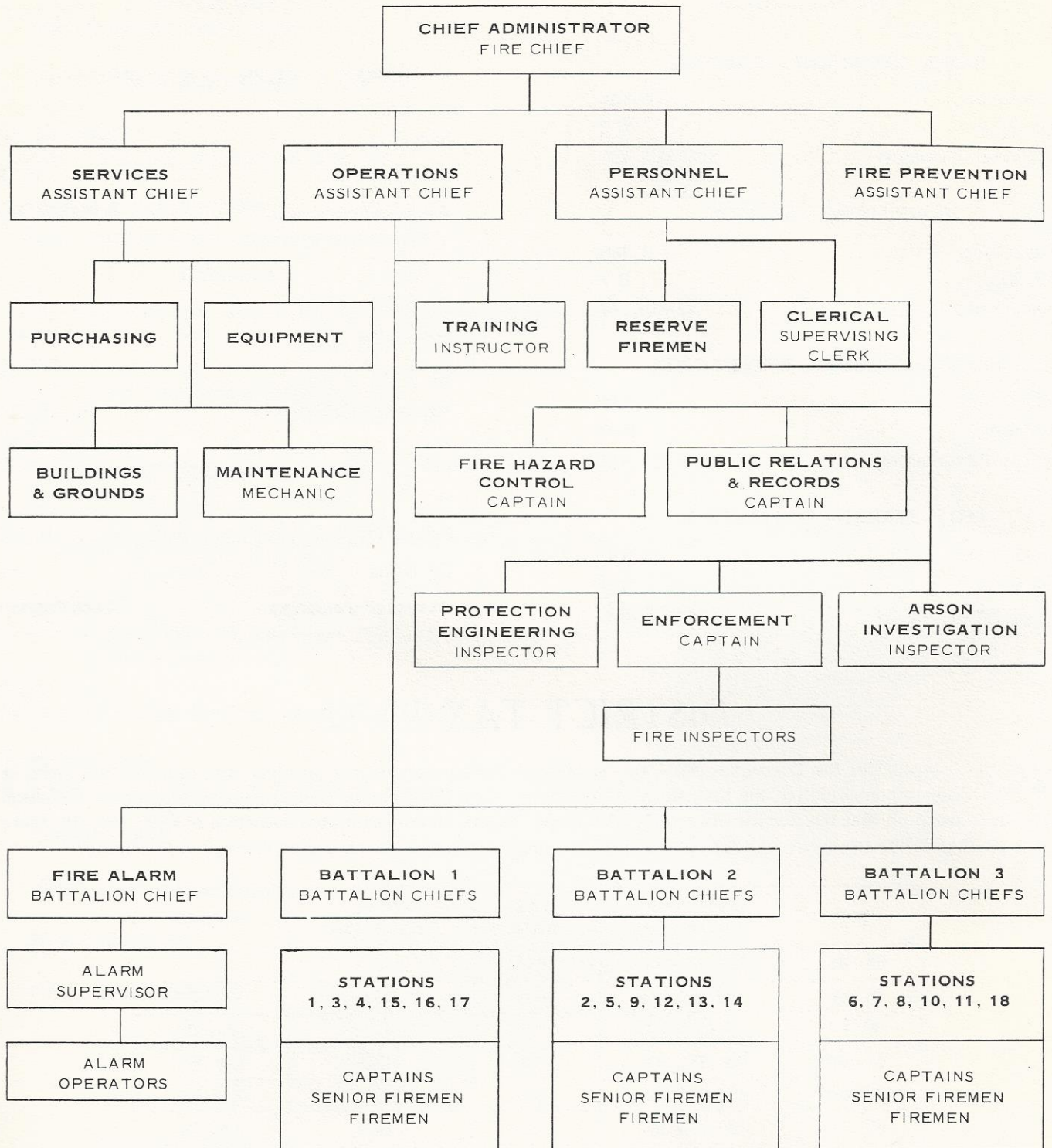
DISTRICT TAX RATE

From the inception of the District in 1964 to the present fiscal year the tax rate has been reduced 14.8 cents or 16.97%. Prior to consolidation the tax rate was 87.2 cents. Each consecutive year since consolidation a reduction has been made so that the current tax rate is 72.4 cents. At the current assessed valuation of \$597,244,119, there is a savings to the taxpayers of \$883,921 for this year alone and a total accumulated savings of \$3,433,867..

YEAR	ASSESSED VALUATION	TAX RATE	TOTAL REDUCTION	SAVINGS
64 / 65	309,505,100	.872		
65 / 66	346,005,475	.820	.052	179,922
66 / 67	387,136,440	.799	.073	282,609
67 / 68	467,261,505	.750	.122	570,059
68 / 69	511,848,935	.730	.142	726,825
69 / 70	537,776,337	.725	.147	790,531
70 / 71	597,244,119	.724	.148	883,921
TOTAL SAVINGS				3,433,867

In addition to the tax savings afforded by the District, a savings of from 9.7% to 27.2% in insurance premiums was made possible for those areas annexing to the District.

ORGANIZATION CHART



DISTRICT PERSONNEL

<p>CHIEF 1 Albert V. Streuli</p> <p>ASSISTANT CHIEFS 4 Gerald D. Duarte Fred L. Golinveaux Richard D. Starr Albert C. Trette</p> <p>CAPTAINS 48</p> <p>TRAINING INSTRUCTOR 1</p> <p>FIRE ALARM SUPERVISOR 1</p> <p>FIRE INSPECTORS 9</p> <p>FIRE DISPATCHERS 3</p> <p style="text-align: right;">TOTAL FULLTIME 228</p>	<p>BATTALION CHIEFS 7 Edward C. Allen Edward G. Armanino Ronald L. Dalton John W. Hill Bernard E. Lynch Charles E. Marshall Ronald W. Sandmann</p> <p>SENIOR FIREMEN 59</p> <p>FIREMEN 95</p> <p>MECHANIC 1</p> <p>CLERICAL 6</p> <p>RESERVE FIREMEN 68</p>
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PERSONNEL REPORT

NEW PERSONNEL

Jessie Thomason, Typist Clerk 7-23-70
 William F. Maxfield, Fire Inspector 8-17-70
 Jack R. Cutter, Firefighter 10-1-70
 John J. Mulhall, Firefighter 10-1-70
 Duncan B. Grant, Firefighter 10-1-70
 Francis J. Boyle, Firefighter 10-1-70
 John R. Kowallis, Firefighter 10-1-70
 Myron T. Flagg, Firefighter 10-1-70
 Norman W. Hendershot, Firefighter 10-1-70
 Michael Proudfoot, Firefighter 10-1-70
 Jane A. Peck, Typist Clerk 12-17-70

RETIREMENT

Fred B. Caperton, Captain 7-1-70
 Arnold E. Milhollan, Fire Dispatcher 8-31-70

RESIGNATIONS

Carolynn A. Pitkin, Intermediate Typist Clerk 2-27-70
 William F. Maxfield, Fire Inspector 3-16-70
 David Crosett, Captain 3-26-70
 Ronald L. Hetrick, Senior Firefighter 4-30-70
 Rockne B. Olds, Firefighter 6-30-70

Hugh A. Lyle, Senior Firefighter 8-23-70
 John R. Cooper, Senior Firefighter 8-31-70
 Jessie Thomason, Typist Clerk 9-30-70

PROMOTIONS

Vernon Paulson, Senior Firefighter 2-1-70
 Richard Viera, Senior Firefighter 2-1-70; Fire Inspector 9-1-70
 Gerald Fender, Senior Firefighter 2-1-70; Training Instructor 8-1-70
 John Cooper, Senior Firefighter 2-1-70
 Aart Rackwitz, Senior Firefighter 2-1-70
 Henry R. Nielsen, Senior Firefighter 2-1-70
 Robert J. King, Captain 8-1-70
 R. William Cullen, Captain 8-1-70
 Jack F. Reshatoff, Captain 8-1-70
 Steven D. Ellison, Captain 8-1-70
 Robert D. Ross, Captain 8-1-70
 Robert G. Mangini, Fire Inspector 9-1-70
 Darrell Harguth, Fire Inspector 9-1-70
 Barbara Farrant, Intermediate Typist Clerk 12-1-70

MILITARY LEAVE

Robert Adams, Fireman 6-13 thru 6-27-70

PERSONAL INJURY & TIME LOST CHART

YEAR	TOTAL INJURIES	MEDICAL ATTENTION REQUIRED	HOURS LOST
1965	92	30	4,752
1966	142	15	5,496
1967	138	38	1,872
1968	73	27	1,320
1969	138	65	4,444
1970	184	88	20,631

TRAINING

The Training Division had two major objectives for 1970: refinement of existing programs and development of the Driver Training Course.

Major refinements were effected in further development of standard lesson plans and sketches, recruit training materials, and more realistic tower drills. The materials and instructors development for Driver Training I was completed.

In the middle of the year, Training Instructor Jack Reshatoff, was promoted to Captain. He was replaced by Jerry Fender.

Once again, District Training Personnel taught in the Fresno Training Officer's Workshops. Fender presented "Developing and Presenting Training Slides" to fourth year students. Reshatoff presented "Training Facilities" and "Training Aids", while Assistant Chief Starr presented "Research and Development" and "Training Budgets" to fifth year students.

In April, the District undertook a major training project which was an innovation in public service training. One hundred and three District personnel, ninety policemen, fifteen ambulance attendants and nine emergency room nurses all participated in auto accident injury problem drills. These drills were complete with moulaged victims and wrecked automobiles. Participating agencies agreed that the training was so successful that they requested an expanded exercise in 1971.

Summary of Training Activities

COMPANY TRAINING	42,426 MAN-HOURS
2.12 HOURS PER DAY	
TOWER DRILLS	209
MULTI-COMPANY	119
INSTRUCTIONAL	53
EVALUATION	37
RECRUITS TRAINED	7 MEN
200 HOUR COURSE	
OFFICER TRAINING SESSIONS	12

Summary of Training Activities (Continued)

SPECIAL COURSES COMPLETED	10
SCHOOLS, WORKSHOPS, SEMINARS ATTENDED	7
OUTSIDE AGENCIES TRAINED BY DISTRICT	6
 RESERVE FIREMEN TRAINING SESSIONS	 234

The success of the Reserve Firemen Training Program is a real tribute to the company captains and personnel who conduct the weekly training sessions. Performance by reserve personnel is totally dependent on their sincere efforts. Tower drills have proven that their training has resulted in a high degree of proficiency in our reserve forces.

RESERVE FIREMEN

TOTAL RESERVE FIREMEN	68
RESERVES ADDED 1970	10
RESERVES LOST 1970	15

ACTIVITY SUMMARY

ACTIVITIES	STATION 7	STATION 12	STATION 14	STATION 18	TOTAL
Regular Drills	48	48	Day 48 Night 47	48	239
Man-Hours All Drills	451.2	1392	Day 117.6 Night 964.6	163.2	2971
Average Attendance Per Drill	4.7	14.5	Day 1.6 Night 12.4		7.1
Fire Responded To	89	59	40	13	201
Average Response To Fires	3.4	4.6	5	2.5	

Station 14 Participated in National Guard Civil Disturbance Exercise April 5, 1970.

Stations 12 and 14 Participated in the Martinez Annual Parade.

MEMBERSHIPS:

CALIFORNIA STATE FIREFIGHTERS' ASSOCIATION	100%
CONTRA COSTA COUNTY FIREFIGHTERS' ASSOCIATION	100%

Hosted 1970 Annual Meeting

FIRE ALARM

The following communications projects have been completed during the past year:

1. Complete radio coverage of the District is assured with the installation of a remote transmitter/receiver on Volmer Peak with capability on Channels 4 and 7. The station is controlled via microwave circuit.
2. Alarm box and Gamewell system status signals are now received at the Alarm Center via microwave. Compared to the previous leased wire, the new system provides increased reliability at a substantially lower cost.
3. The Diablo Valley College alarm system has been connected to the Alarm Center via a radio type alarm box. The new arrangement will permit annunciation of up to 100 box locations on the campus.
4. A prototype radio teletype terminal has been completed at Station 10 and undergoing tests prior to similar installations at all stations.

SERVICES

TRIPLE COMBINATION PUMPERS

1500 GALLONS PER MINUTE	1
1250 GALLONS PER MINUTE	5
1000 GALLONS PER MINUTE	12
750 GALLONS PER MINUTE	10
500 GALLONS PER MINUTE	4

GRASS FIRE APPARATUS

300 GALLONS PER MINUTE – POWER WAGON	2
150 GALLONS PER MINUTE POWER WAGON	4
150 GALLONS PER MINUTE – GRASS	2
130 GALLONS PER MINUTE – 4 WHEEL DRIVE	2
HIGH PRESSURE GRASS	1

TANKERS

500 GALLONS PER MINUTE/1100 GALLONS CAPACITY.	1
1200 GALLONS CAPACITY	1

AERIAL LADDER TRUCKS

100 FOOT AERIAL EXTENSION	1
85 FOOT AERIAL EXTENSION	1

AERIAL PLATFORM LADDER TRUCK

90 FOOT ARTICULATING BOOM/1500 GALLONS PER MINUTE PUMP.	2
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ACCESSORY EQUIPMENT

FIRE ALARM TRUCK	1
FLAT BED CRANE	1
WRECKER/TOW TRUCK	1
LUBRICATION TRUCK	1

TOTAL PUMPING CAPACITY 34,600 GPM

ALL PUMPING ENGINES WERE TESTED IN
 ACCORDANCE WITH NFPA GUIDELINES 48 HOURS

APPARATUS MAINTENANCE

WORK PERFORMED	NUMBER OF UNITS
MAINTENANCE	
GENERAL ENGINE REPAIRS	159
ENGINE OVERHAULS	8
VALVE GRINDS	10
TUNE UPS	52
BODY REPAIRS	19
PAINT JOBS (SPOT JOBS)	4
TANK REPAIRS	7
PUMP REPAIRS	31
PLUMBING REPAIRS	34
BRAKE REPAIRS	63
ELECTRICAL	
RADIO INSTALLED	9
GENERAL WIRING	50
RADIATORS	
NEW	3
REPAIRED	15
LUBRICATIONS – ENGINES	67
LUBRICATIONS – CARS & PICKUPS	62
TIRES	
NEW	55
REPAIRED	23
BATTERIES	
NEW	15
MISCELLANEOUS WORK	5

HOSE AND HYDRANTS

HOSE TESTED

Central storage facilities have been established for reserve hose and hose repair.

All hose was tested at 250#

3 INCH HOSE	950'
2 1/2 INCH HOSE	69,150'
1 1/2 INCH HOSE	30,300'
BOOSTER HOSE	10,450'
FORESTRY HOSE	5,400'

HYDRANTS TESTED & SERVICED

Hydrants were tested, flowed and serviced as follows:

TOTAL HYDRANTS IN DISTRICT	4,575
TOTAL INSPECTIONS CONDUCTED	7,500
TOTAL HYDRANTS TESTED	2,300
NEW HYDRANTS	275
TOTAL MAN-HOURS EXPENDED	6,775

RESPONSE DATA

	TOTAL
TYPE OF INCIDENTS: Number and variety of alarm responses	5,288
Fires	2,285
Rescue	1,195
Hazardous Conditions	528
Public Service	457
Mistaken Alarms	462
False Alarms	291
Assist Another Fire Department	70

FIRES: Number and Type	2,285
Building Fires	370
Appliance, Furniture Fires*	396
Vehicle, Auto Fires	484
Misc. Exterior Fires	286
Grass, Brush Fires	749

* Inside Buildings

CAUSE OF FIRES IN BUILDINGS:	
Electric Appliances	81
Heating Equipment	57
Electrical Systems	65
Cooking Equipment	151
Combustibles Adjacent to Heat	22
Incendiary or Suspicious	119
Misuse of Fire by Juveniles	47
Open Flames or Embers	155
Internal Combustion Engines	7
Misc. or Unknown Cause.	62

NUMBER OF FIRES IN BUILDINGS:	
Number by size of dollar loss	766
\$0 to \$100	460
\$101 to \$1,000	187
\$1,001 to \$5,000	54
\$5,001 to \$10,000	21
\$10,001 to \$15,000	18
\$15,001 to \$25,000	15
\$25,001 to \$50,000	9
\$50,001 to \$100,000	2
\$100,001 to \$250,000	0
\$250,001 and over	0

FIRE CASUALTIES: Citizens and fire personnel injured during fires	
	53
Injuries	52
Fatalities	1

DOLLAR FIRE LOSS: By Area		\$ 1,586,990
Clayton City		4,405
Concord City		391,780
County (Unincorporated).		426,006
Lafayette City		117,160
Martinez City		33,494
Pleasant Hill City.		307,445
Walnut Creek City.		306,700

TYPES OF INCIDENTS BY CITIES: The number and variety of alarms within each city.

	CLAYTON	CONCORD	COUNTY	LAFAYETTE	MARTINEZ	PLEASANT HILL	WALNUT CREEK
Fires	16	712	575	162	183	244	393
Rescue	10	323	275	106	99	107	275
Hazardous Conditions	4	149	82	70	46	50	127
Public Service	4	147	73	91	38	34	70
Mistaken Alarms	3	102	121	62	50	43	81
False Alarms	-	103	25	11	79	29	44
TOTAL IN EACH CITY	37	1536	1151	502	495	507	990

NUMBER OF FIRES BY CLASSIFICATION AND SIZE OF DOLLAR LOSS

	EXTERIOR	MOBILE	BUILDINGS	TOTAL
1. \$0 to \$100	1010	288	460	1757
2. 101 to 1,000	23	167	187	378
3. 1,001 to 5,000	2	27	54	83
4. 5,001 to 10,000	-	1	21	22
5. 10,001 to 15,000	-	-	18	18
6. 15,001 to 25,000	-	1	15	16
7. 25,001 to 50,000	-	-	9	9
8. 50,001 to 100,000	-	-	2	2
9. 100,001 to 250,000	-	-	-	-
10. 250,001 and over	-	-	-	-

RESPONSE DATA (Continued)

FIRES BY OCCUPANCIES: The number of fires in each type of occupancy within each city.

OCCUPANCY	CLAYTON	CONCORD	COUNTY	LAFAYETTE	MARTINEZ	PLEASANT HILL	WALNUT CREEK	TOTAL
Public Assembly	-	11	-	3	1	3	5	23
Educational	-	9	5	7	2	6	5	34
Institutional	-	1	1	-	7	7	1	17
Offices	-	7	7	-	4	4	5	27
Apts., Motels, Etc.	-	36	11	4	7	6	25	89
Family Homes	4	165	97	46	27	56	71	466
Commercial Sales	-	15	2	-	1	5	8	31
Services & Repair	-	8	1	4	-	3	2	18
Manufacturing	-	3	8	-	1	2	3	17
Warehouse, Storage	1	12	11	5	2	1	12	44
Total in Buildings	5	267	143	69	52	93	137	766
Vehicles, Autos	2	146	104	34	42	61	93	484
Misc. Exterior	3	94	68	18	19	27	57	286
Grass & Brush	6	203	260	41	70	63	106	749
Total Exterior	9	297	328	59	89	90	163	1,035

DOLLAR FIRE LOSS BY OCCUPANCY: The dollar fire loss by occupancy within each city.

OCCUPANCY	CLAYTON	CONCORD	COUNTY	LAFAYETTE	MARTINEZ	PLEASANT HILL	WALNUT CREEK	TOTAL
Public Assembly	-	4,500	-	700	50	200	16,600	22,050
Educational	-	25,250	25	275	154	135,090	205	160,999
Institutional	-	-	12,000	-	520	260	100	12,900
Offices	-	50	1,900	-	125	1,100	3,700	6,875
Apts., Motels, Etc.	-	10,380	2,375	1,750	525	14,400	22,355	51,785
Family Homes	4,100	214,680	240,618	97,925	6,435	118,545	196,945	879,248
Commercial Sales	-	1,565	51,500	-	75	275	20,720	74,135
Services & Repair	-	1,195	10,000	600	-	18,500	15,300	45,595
Manufacturing	-	50,300	40,300	-	1,000	25	350	91,975
Warehouse, Storage	50	41,895	15,500	2,015	15,025	5,000	5,610	85,095
Total in Buildings	4,150	349,815	374,218	103,265	23,909	293,415	281,885	1,430,657
Vehicles, Autos	230	38,475	46,980	12,500	8,135	13,300	23,955	143,575
Misc. Exterior	-	2,640	1,465	1,320	1,345	550	760	8,080
Grass & Brush	25	850	3,343	75	105	180	100	4,678
Total Exterior	25	3,490	4,808	1,395	1,450	730	860	12,758

RESPONSE DATA (Continued)

HOW DEPARTMENT RECEIVED ALARM

TOTAL

Municipal Fire Alarm System	215
Private Fire Alarm System	42
Fire Department Personnel	71
Telephone	4,011
Radio from Outside Agency	688
Direct, Silent, Still Alarm	191

SIZE OF GRASS, BRUSH AND OTHER EXTERIOR FIRES

Confined to object of origin (<i>No Spread</i>)	265
1 to 100 feet	345
100 to 10,000 sq. feet (<i>1/4 acre</i>)	298
1/4 acre to 1 acre	67
1 to 5 acres	39
5 to 25 acres	14
25 to 100 acres	7
Over 100 acres	—

HOW FIRES WERE CONTROLLED

EXT. MOBILE BLDGS. TOTAL

Cold-fire or burned out upon arrival	63	69	154	286
Controlled by citizens	221	170	241	632
Controlled by extinguishing system (<i>sprinklers</i>)	1	5	10	16
Controlled w/fire extinguisher, garden hose	24	69	85	178
Controlled by booster lines	693	165	161	1019
Controlled by 1 1/2'' lines	6	1	70	77
Controlled by 2 1/2'' lines	11	1	15	27
Controlled by master streams	—	—	1	1
Controlled by firewall or separation wall	—	—	—	—
Remove or shut off fuel, fuel consumed	16	6	31	53

RESPONSE AND USE OF EQUIPMENT: ALL FIRES

Engines	2,985
Trucks	134
Power Wagons and Tankers	343
Personnel	9,632
No Hose Streams Needed	1,258
Booster (3/4'') Hose Streams	1,894
1 1/2'' Hose Streams	186
2 1/2'' Hose Streams	75
Master Streams	2
Hydrant Line Streams	47
Chief Officers Responded	437
Fire Investigators Responded	132
Assisted by Police Departments	329
Assisted by Outside Fire Departments	27

RESPONSE DATA (Continued)

TIME OF ALARM: FIRES	EXTERIOR	MOBILE	BUILDINGS	TOTAL
1. 0001 to 0300 hours	37	35	43	115
2. 0301 to 0600 hours	19	12	32	63
3. 0601 to 0900 hours	28	41	49	118
4. 0901 to 1200 hours	109	61	111	281
5. 1201 to 1400 hours	147	56	102	305
6. 1401 to 1600 hours	209	79	114	402
7. 1601 to 1800 hours	225	75	100	400
8. 1801 to 2000 hours	119	43	93	255
9. 2001 to 2200 hours	89	49	76	214
10. 2201 to 2400 MIDNIGHT	53	33	46	132

FIRE PREVENTION

The past year has seen a large increase in occupancy inspections, more thorough and complete investigation into fire causes, and an increase in the demand for new construction plan review and construction inspections.

Systematic, supervised inspections of all occupancies within the District were initiated in July of this year. Programmed inspection assignments to Bureau and company personnel, utilizing pre-printed Fire Safety Notices and simplified record keeping, eliminate all unnecessary, unproductive record keeping time. This provides more field inspection time and a reduction in time spent on Record Keeping. A six-month comparison of inspections shows an increase of 4,367 over the previous six months. The program also provides a better organized, improved re-inspection record than ever obtained previously.

Under our new permit procedure, utilizing pre-printed Permit Requirements and a uniform method of issuing permits upon compliance with these requirements, we have shown a 600% increase in the number of permits issued over the previous year. Permits are required for the more hazardous processes, materials, and activities, as well as most public assembly occupancies, and are one of the most effective ways of controlling various hazards and providing reasonable life safety in public assembly occupancies.

Updating and completion of the Fire Prevention Bureau Procedural Manual is well under way and should be completed in 1971. The objective of this Manual is to provide a procedural guidebook for use by Fire Prevention Bureau personnel, setting forth the internal operation, procedures, and policies of the Bureau as well as code interpretations for standardization of code enforcement. It will also be utilized in the Bureau's In-Staff Training Program. The In-Staff Training Program will again be emphasized and improved this next year to provide Bureau personnel with the knowledge necessary for more effective application of their time and effort.

The increased number of suspicious and arson fires and those started by juveniles this past year has imposed a corresponding increase in time spent in fire investigation and investigation of juvenile fire-setters. However, fire cause is being determined more readily due to the efforts of company personnel and more effective investigation by the specialist in the Bureau.

Use of data processing techniques in incident reporting is presently being studied by the Programming Analyst of the County Data Processing Department to incorporate this program into the computer system of the County. Utilization of a computer incident reporting system will save many hours of clerical staff time presently required in recording this data. It is our goal to computerize this reporting system during the coming year.

A statistical report of activities relating to fire prevention follows:

FIRE PREVENTION PROGRAMS AND ACTIVITIES

FIRE PREVENTION BUREAU INSPECTIONS	3,968
FIRE COMPANY INSPECTIONS	3,553
TOTAL INSPECTIONS	7,521
 PUBLIC ASSEMBLY <i>(Theaters, Churches, Restaurants, Bars, etc.)</i>	 717
EDUCATIONAL & INSTITUTIONAL <i>(Schools, Hospitals, Jails, Boarding Homes, etc.)</i>	241
OFFICES <i>(Banks, Doctors' Offices, Research Labs, Utilities, General Offices)</i>	1,562
RESIDENTIAL <i>(Hotels, Motels, Apartments, Dwellings, etc.)</i>	337
COMMERCIAL <i>(Retail Sales, Department Stores, Groceries, Wholesale Outlets, etc.)</i>	1,624
SERVICE <i>(Snack Bars, Cleaners, Printers, Auto Service & Repair, Barber & Beauty Shops, etc.)</i>	1,644
MANUFACTURING <i>(Canneries, Woodshops, Machine Shops, Chemical Processing, etc.)</i>	293
STORAGE <i>(Warehouses, Storage Buildings, Lumber Yards, etc.)</i>	611
NEW CONSTRUCTION <i>(Buildings Under Construction, Remodeling, Fire Protection Systems)</i>	492
 PERMITS ISSUED	 774
COMPLAINTS INVESTIGATED	1,171
PLANS REVIEWED	553
FIRES INVESTIGATED	129
SUSPICIOUS FIRES	66
OTHER FIRES	63
JUVENILE REPORTS	293
 TOTAL INVESTIGATION TIME	 1,273 HOURS

Exterior Fire Hazard Control

The Division of Fire Hazard Control directs the elimination and abatement of exterior fire hazards under the authority of State and local statutes.

The objectives of the Abatement Program are to prevent and eliminate grass, rubbish and exterior fires which may endanger private homes or other structures, and to reduce the size of large grassland fires which may occur in the rural pasture and cropland areas.

The Abatement Program is self-supporting, being funded by an administrative charge which is assessed against those properties where abatement by the Fire District is necessary.

Property Inspections	208,146
Fire Hazards Abated By District	3,169
Fire Hazard Complaints Investigated	1,171

Bureau Training

	MAN-HOURS
ARSON SEMINARS	40
ARSON WORKSHOPS	62
IN-STAFF TRAINING	1,056
TOTAL MAN-HOURS	1,120

Public Education

LECTURES AND DEMONSTRATIONS

SERVICE CLUBS INDUSTRIES HOSPITALS
SCHOOLS SCOUTING

NUMBER OF PROGRAMS	242
TOTAL AUDIENCE	9,658

PUBLIC INFORMATION RELEASES

TOTAL RELEASES	189
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FIRE PREVENTION WEEK

RADIO MESSAGES	HANDOUTS
NEWSPAPER ARTICLES	MARQUEE SIGNS
STORE DISPLAYS	SCHOOL PROGRAMS
WINDOW POSTERS	STATION OPEN HOUSE

FIRE SERVICE EXPOSITION DAY

This program again climaxed the many activities of Fire Prevention Week. The event was held at our Fire College Training Grounds. Utilization of these facilities helped to make the program an outstanding success.

TOTAL AUDIENCE 5,000

Organizational Participation and Meetings

BAY AREA AIR POLLUTION CONTROL DISTRICT
BAY AREA RAPID TRANSIT DISTRICT
CALIFORNIA CONFERENCE OF ARSON INVESTIGATORS
CALIFORNIA FIRE CHIEFS' ASSOCIATION, FIRE PREVENTION SECTION
CONTRA COSTA COUNTY FIRE PREVENTION OFFICERS' ASSOCIATION
CONTRA COSTA COUNTY DEPARTMENT OF SOCIAL SERVICES
INTERNATIONAL CONFERENCE OF BUILDING OFFICIALS
STATE BUILDING STANDARDS COMMISSION
STATE HOUSING AUTHORITY

Committee Participation

CCCFOA CODES COMMITTEE
CFC A , FIRE PREVENTION SECTION
 FLAMMABLE LIQUIDS COMMITTEE
NFPA HAZARDOUS CHEMICALS COMMITTEE
ICBO BUILDING CODES COMMITTEE, EAST BAY CHAPTER
NFPA EDITH COMMITTEE
FIRE ASSEMBLIES COMMITTEE
ICBO FIRE AND LIFE SAFETY COMMITTEE
BAY AREA WATERFRONT FIRE SAFETY COMMITTEE
SBSC GOVERNMENTAL LIAISON COMMITTEE