



Livermore-Pleasanton Fire Department

2015 Annual Report



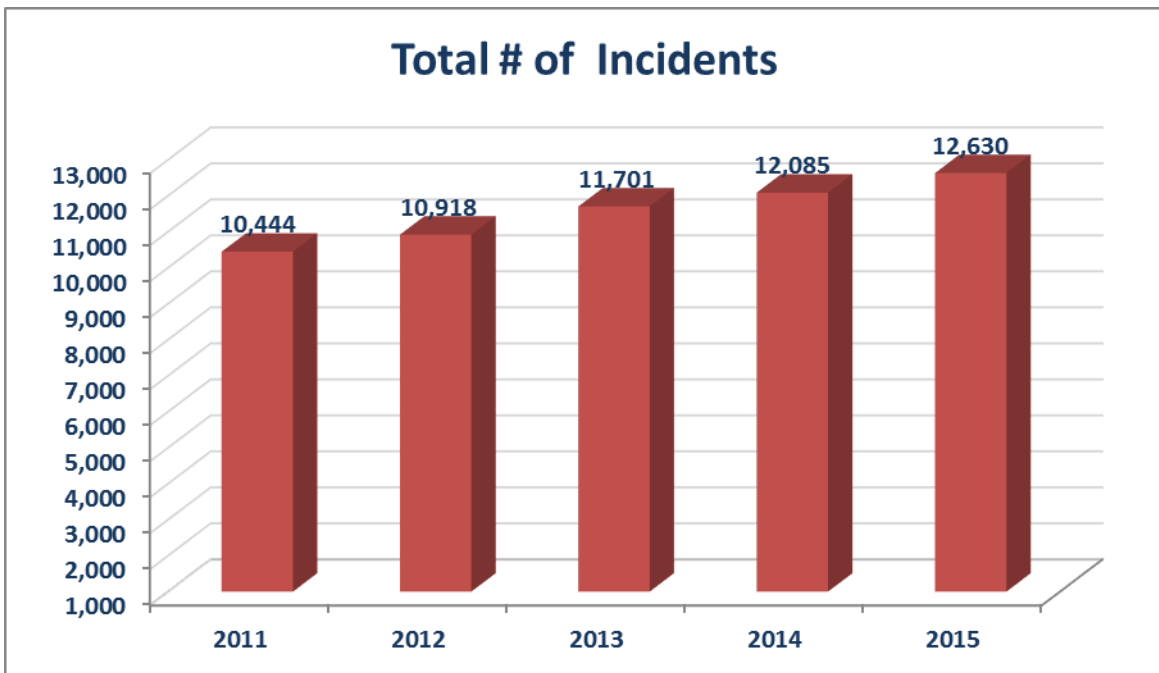
Introduction

The Livermore-Pleasanton Fire Department (LPFD) is an all risk emergency response and community service organization serving the Cities of Livermore and Pleasanton. The Department’s core purpose is to make the Livermore and Pleasanton communities safe for all citizens to live and work through the protection of life, property, and the environment. The Department seeks to minimize risk to the community by responding to all fire, medical, rescue, and hazardous materials incidents. The LPFD staff is highly skilled and trained to provide the highest quality fire and life-safety services through its core values:

- Commitment to Caring
- Dedication to Safety
- Dignity and Respect for All
- Integrity and Pride
- Provide Solutions
- Value Tradition – Evolve with Innovation

Summary

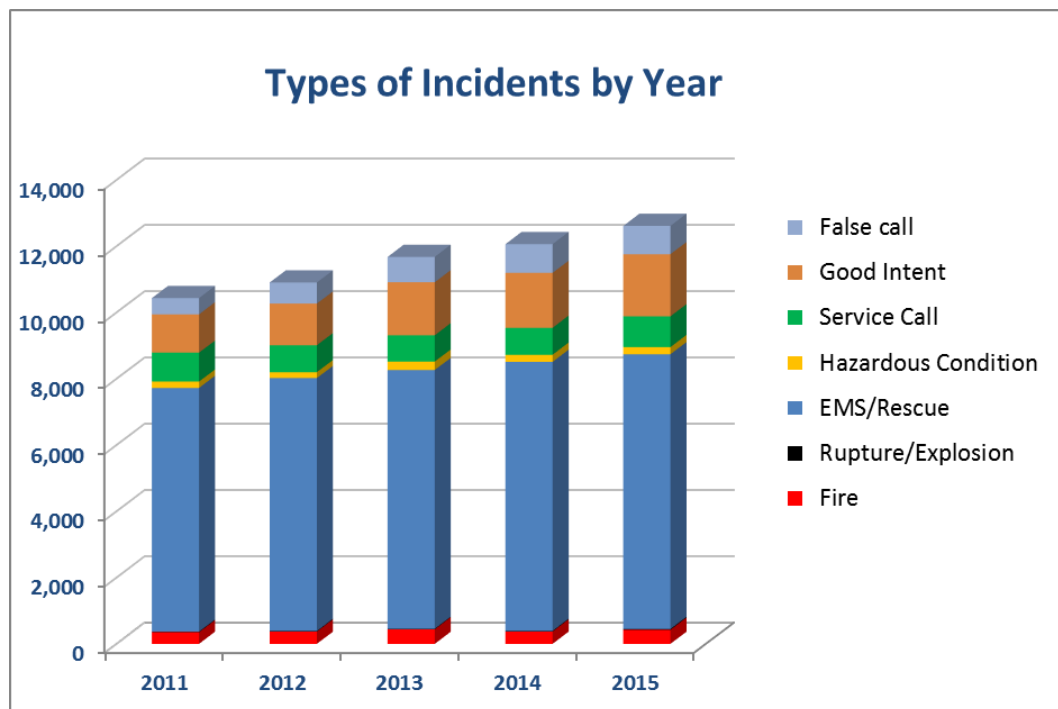
Total number of incidents continues to increase 4.6% on average year to year. The increase is mainly realized in medical/rescue calls for service and correlates with population growth.



The LPFD follows the National Fire Incident System (NFIRS) code set to identify calls for service in the department's records management system.

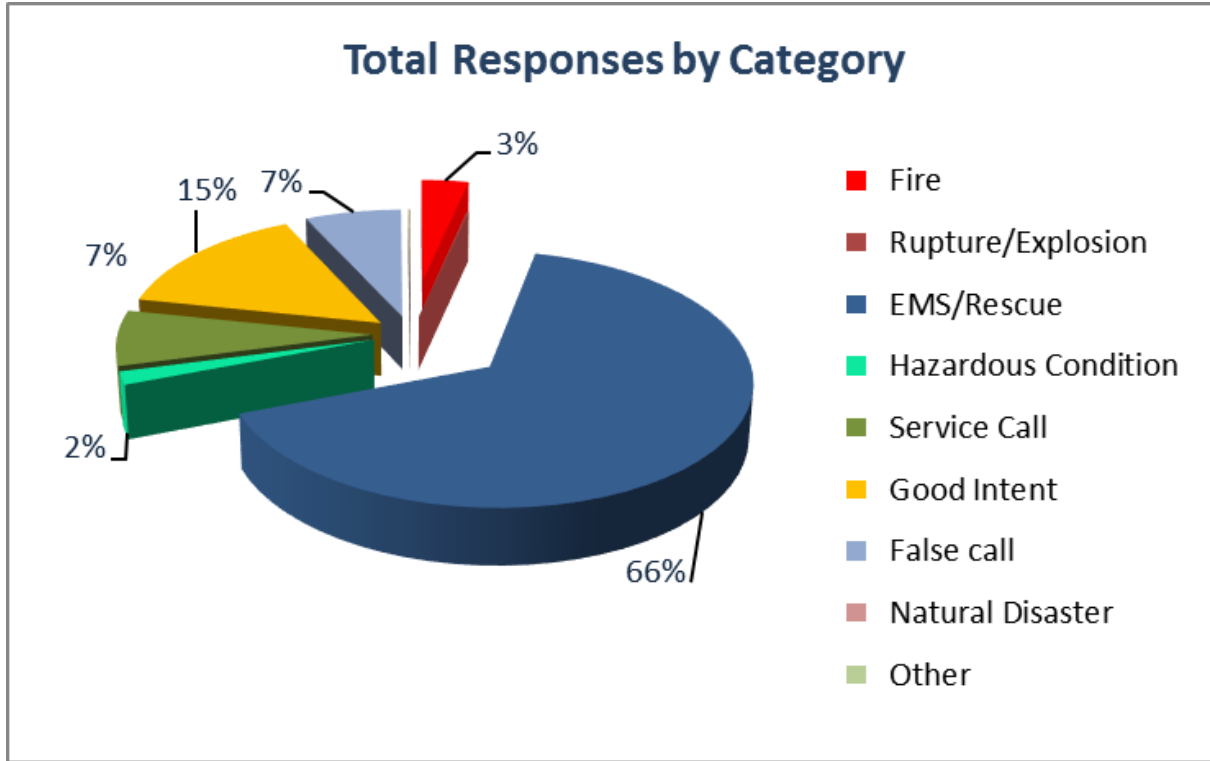
These codes are defined as follows:

- 100 Series - Fires: structure fires, fire in a mobile property used as a fixed structure, mobile property, natural vegetation fire, outside fires, crop fires.
- 200 Series - Rupture/Explosion: overpressure explosion, overheating – no fire.
- 300 Series - EMS/Rescue: emergency medical and rescues, medical assist, lock-ins, search for person, extrication.
- 400 Series - Hazardous Condition: flammable spills and leaks, chemical release, electrical problem, biological hazard, explosive, attempted burning.
- 500 Series - Service Call: person in distress, water problem, smoke problem, animal problem, public service assistance, cover or standby, move-up.
- 600 Series - Good Intent Call: dispatched and cancelled, wrong location, controlled burning, steam or other mistaken as fire, EMS where patient has been transported, mistaken problem.
- 700 Series - False Call: malicious false alarm, bomb scare, detector malfunction, unintended system alarm, fake report.
- 800 Series - Severe Weather: severe weather and natural disaster.
- 900 Series - Special Incident: citizen complaint, incident not easily categorized.



Calls for Service

Total calls for service in 2015 were 12,630. The majority of incidents are medical/rescue at 66% of all calls. Service and good intention calls were 22% combined.



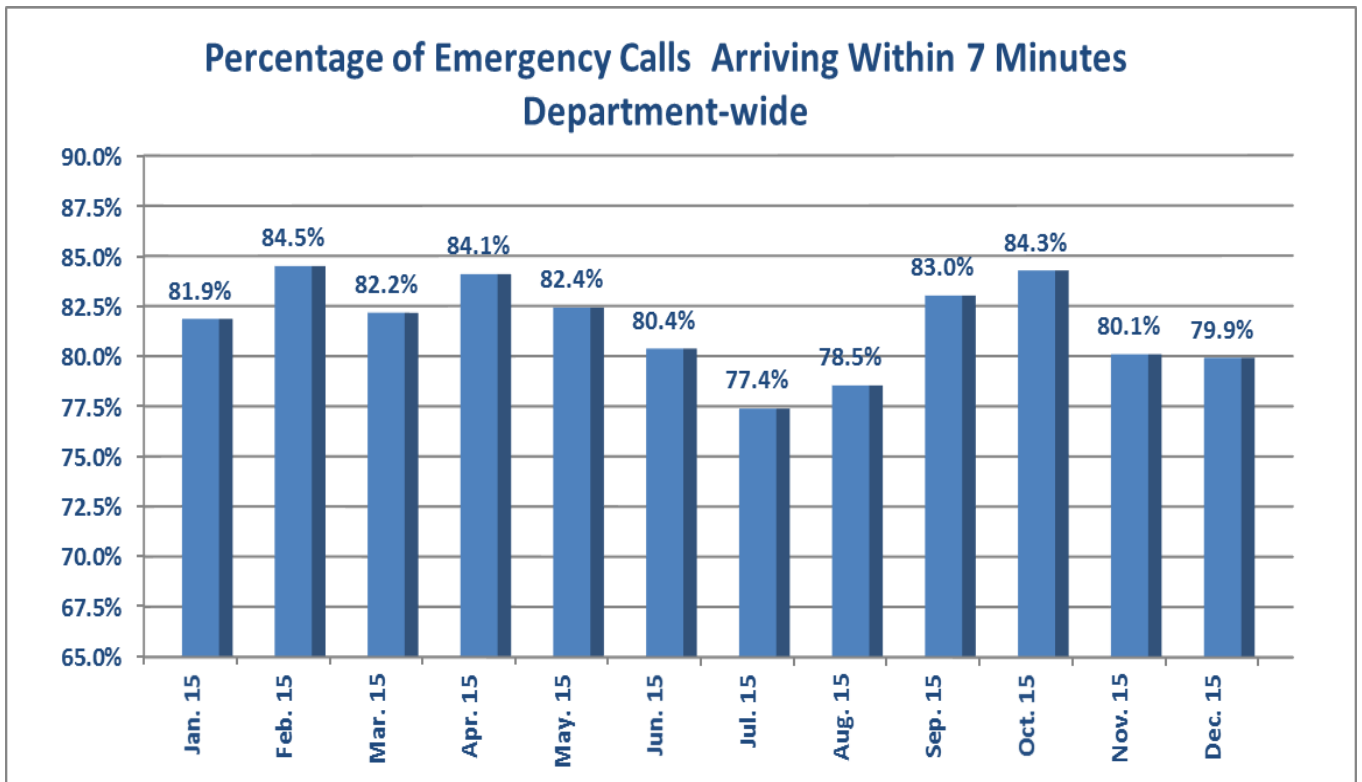
Calendar 2015													
	ST1	ST2	ST3	ST4	ST5	ST6	ST7	ST8	ST9	ST10	OTH	Totals	% of Total
Fire	31	16	32	30	7	47	52	61	45	18	88	427	3%
Rupture/Explosion	5	1	3	2	1	1	1	2	2	1	1	20	0%
EMS/Rescue	720	769	766	947	90	977	1819	689	927	297	291	8,292	66%
Hazardous Condition	16	15	14	24	2	28	39	23	30	14	12	217	2%
Service Call	100	66	65	91	19	148	197	83	102	31	25	927	7%
Good Intent	110	194	247	164	21	200	220	155	128	114	323	1,876	15%
False call	62	100	121	95	13	100	98	92	59	71	42	853	7%
Natural Disaster	0	0	0	0	0	0	0	0	0	1	6	7	0%
Other	0	1	0	3	0	0	4	1	2	0	0	11	0%
Total # Incidents	1,044	1,162	1,248	1,356	153	1,501	2,430	1,106	1,295	547	788	12,630	
% of Total	8%	9%	10%	11%	1%	12%	19%	9%	10%	4%	6%		

Department-wide Performance

The Livermore-Pleasanton Fire Department utilizes a total reflex time standard response time of seven minutes from time of call intake to the arrival of the first responder on scene. This measurement includes a 90% compliance rate inclusive of the following categories:

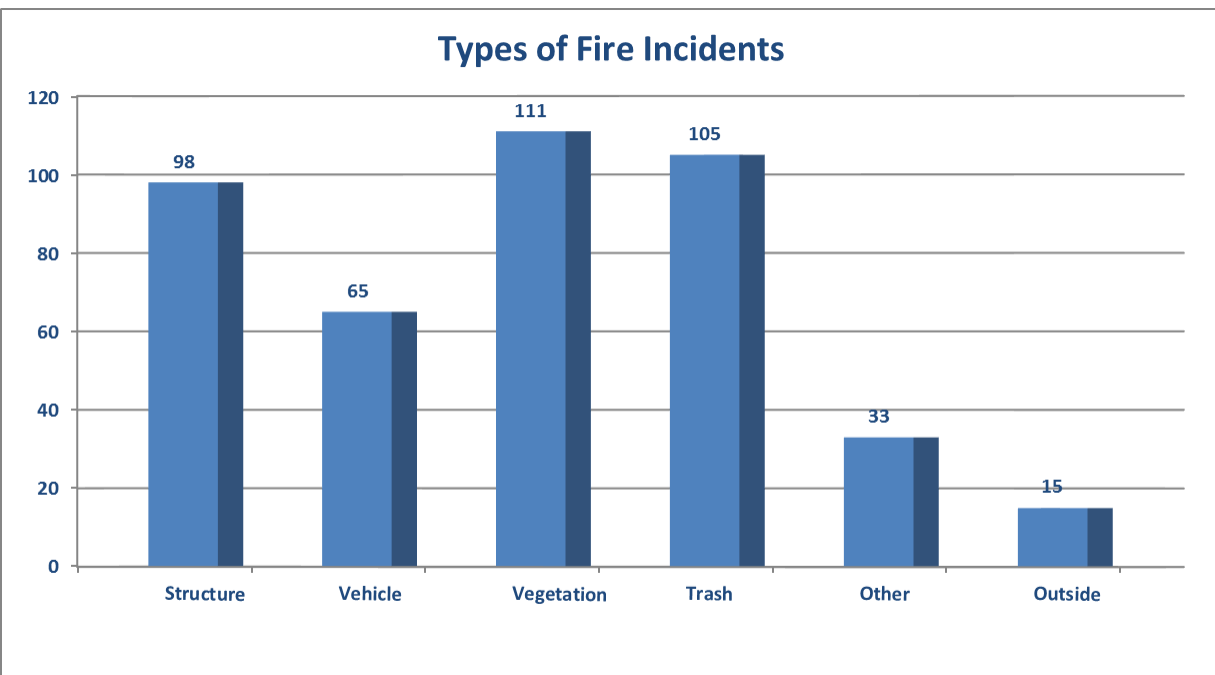
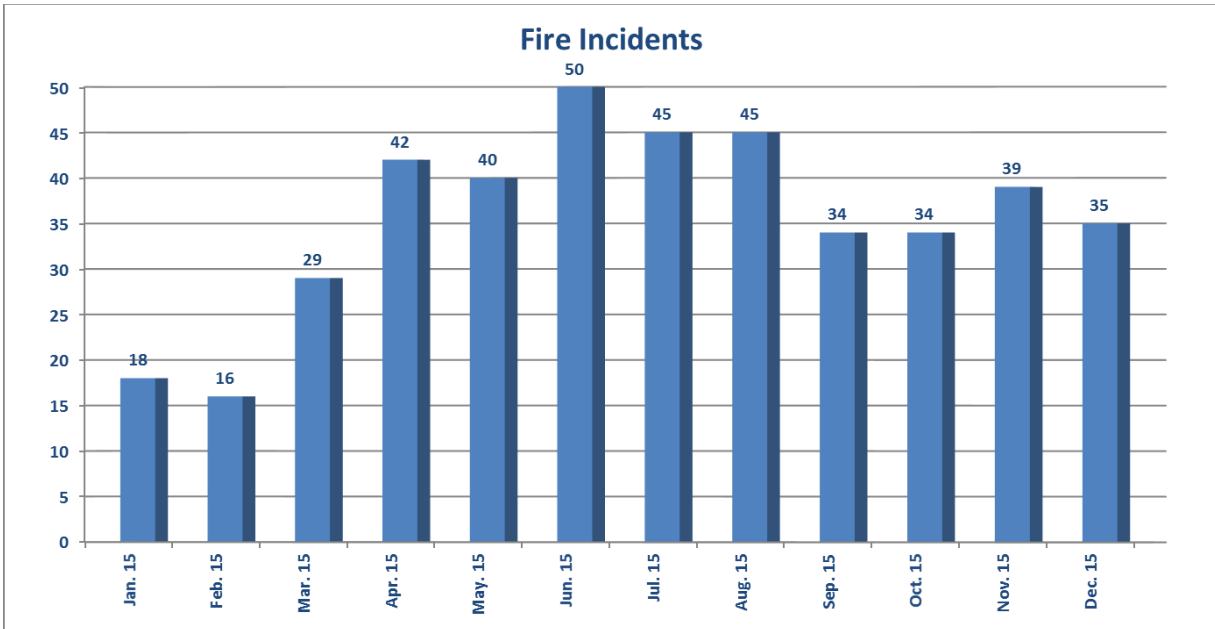
- 1 minute call processing time
- 1 minute turnout time
- 5 minutes travel time

The chart below reflects this seven minute standard for all emergency calls for service and a total compliance rate of 81.5% department-wide.



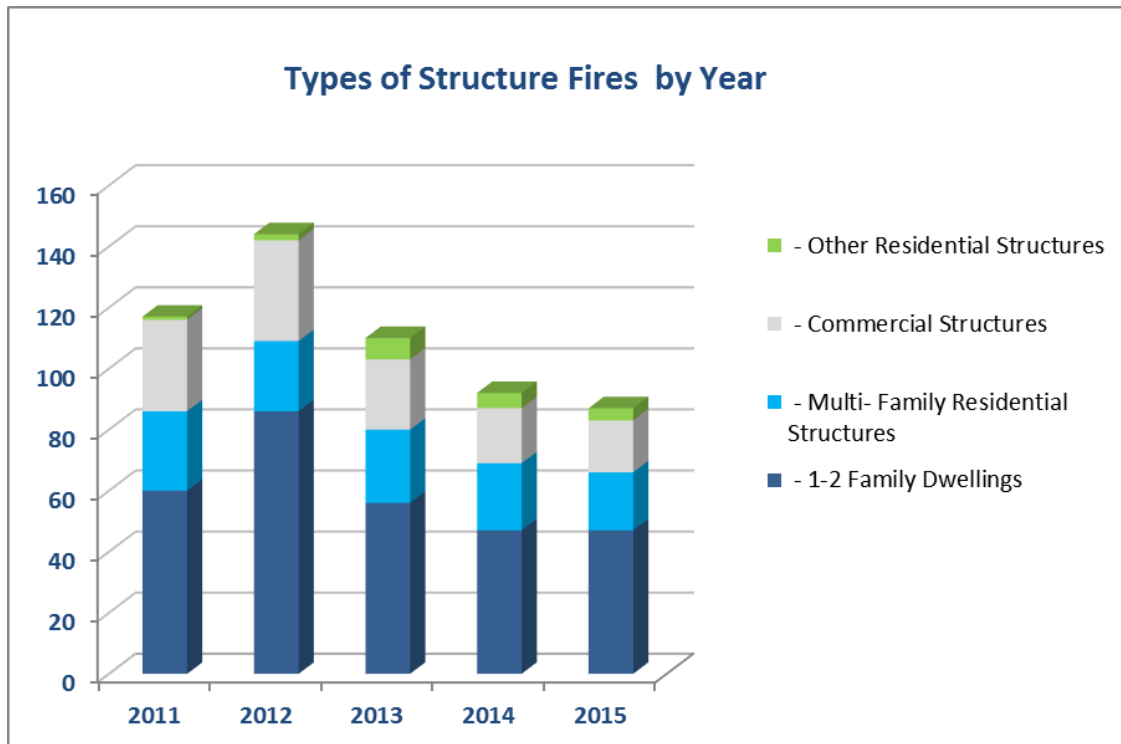
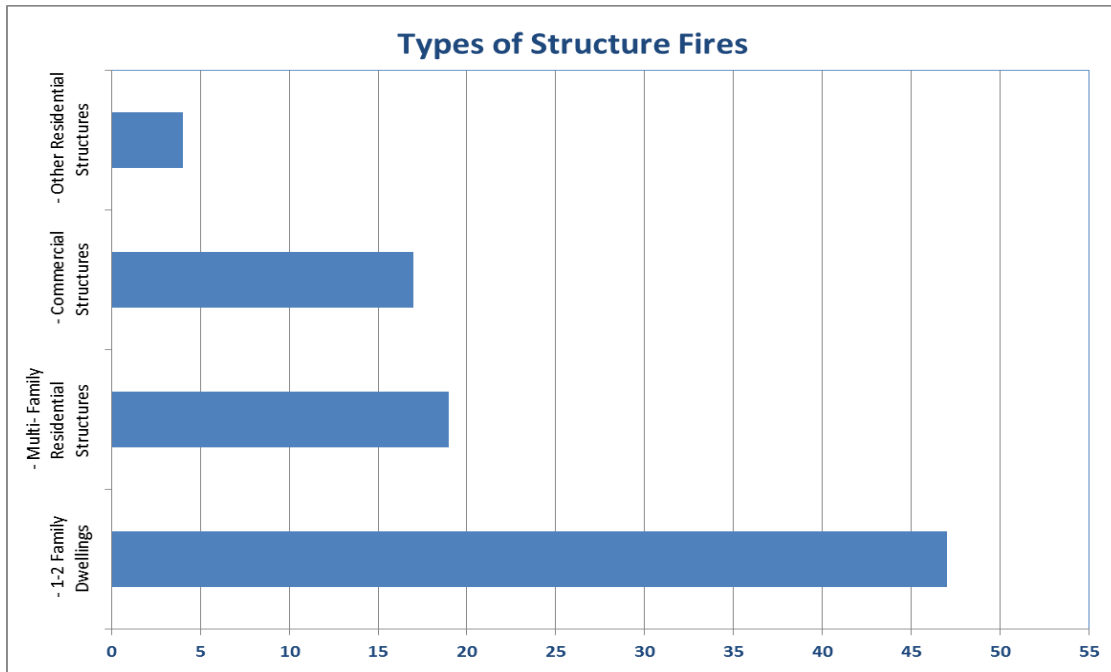
Fires

Although fire represents only 3% of all calls for service, the nature and magnitude of these incidents continue to present a significant safety and property loss risk to these communities. Fire calls for service totaled 427 in 2015 an increase of 54 fires.



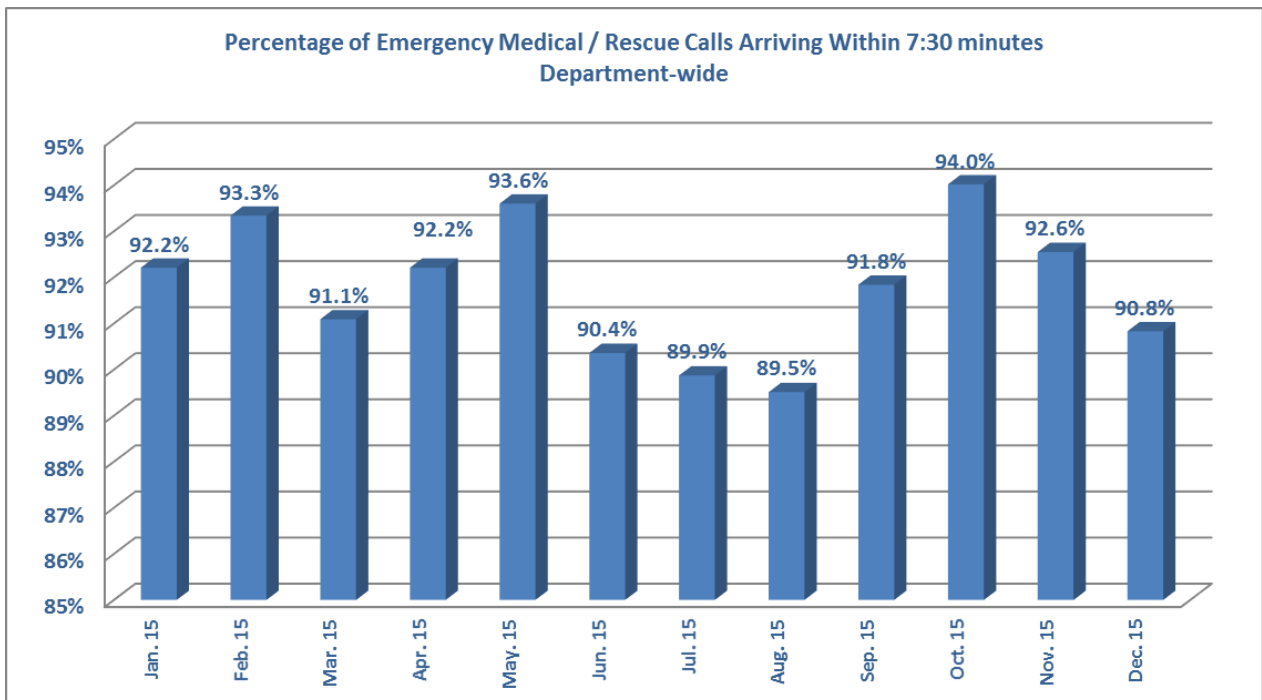
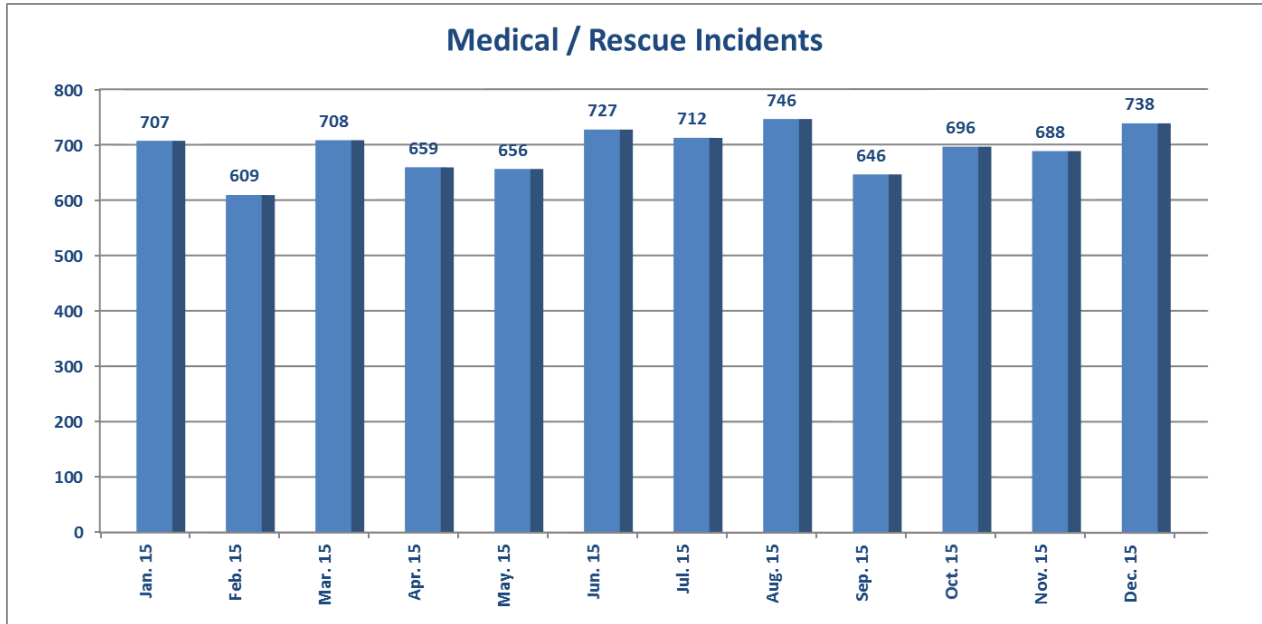
Building Fires

The majority of building fires occur in residential homes (1-2 and multi-family dwellings). This is consistent with NFPA findings that most fires occur where people spend most of their time. In our primary response areas.



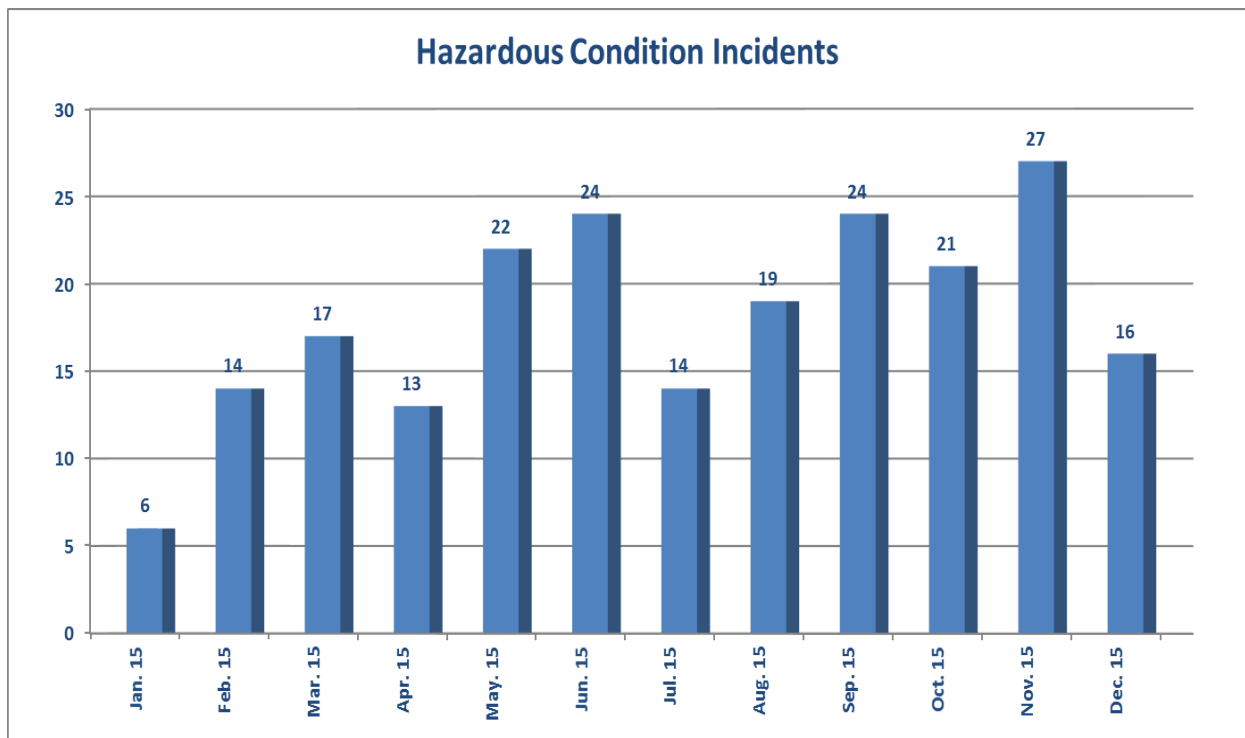
Medical Calls

Calls for medical help represent 66% of all calls for service. These calls include medical conditions as well as traffic collisions and rescues. The LPFD has a contracted obligation with Alameda County to meet the performance measure of arriving to all medical incidents within seven minutes and thirty seconds from time of dispatch, in 90% of these calls for service. In 2015, the department met that goal responding to all medical calls within that timeframe, 91.73% of the time.



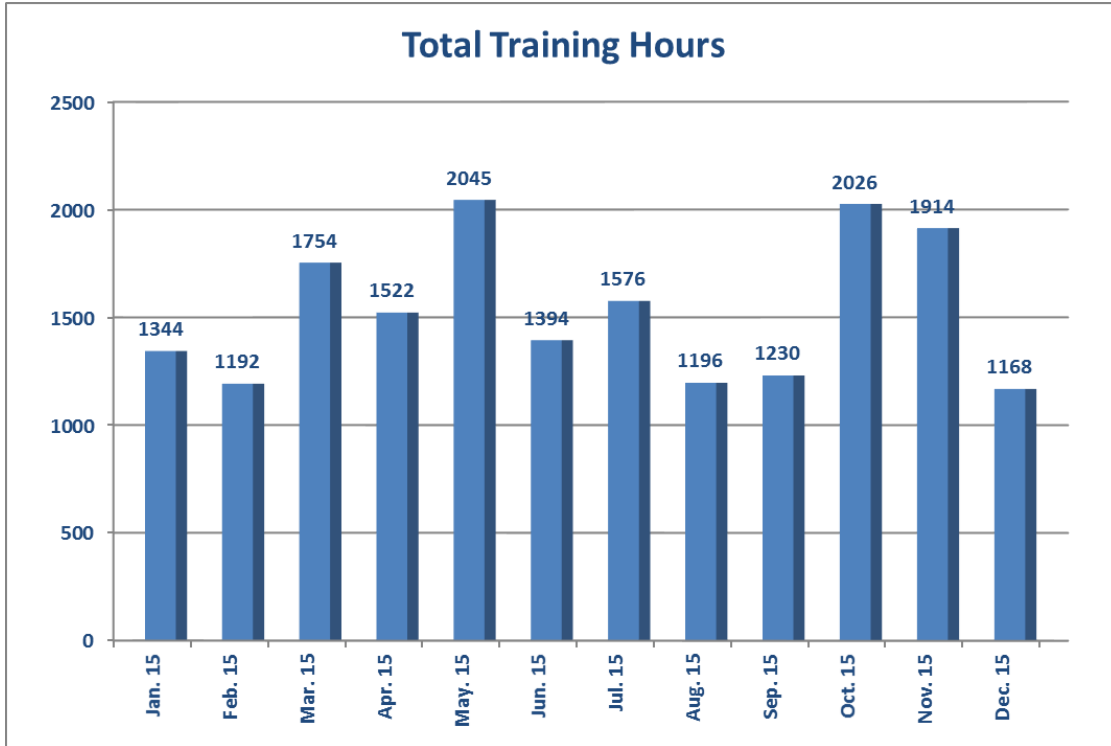
Hazardous Condition Calls Department-wide

Hazardous Condition calls for service include incidents of flammable spills and leaks, chemical releases, electrical or mechanical problems, biological hazard, explosive, and attempted burning. Also responding to some of these calls is the LPFD Hazardous Materials Response Team. These individuals are a dedicated, State Certified Type II response force specially trained to quickly assess, identify and mitigate hazardous materials spills. They also play a pivotal role as part of a greater mutual aid team that coordinates efforts state and nationwide.



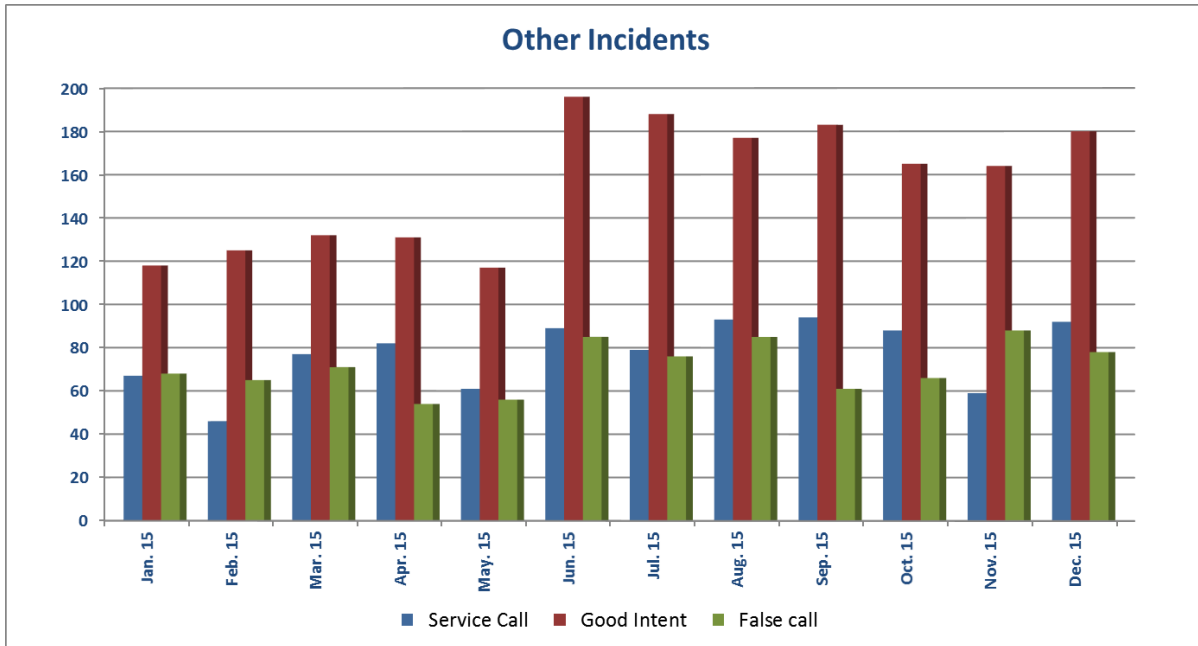
Agency Preparation

Training is the department's second most important mission goal. In 2015, LPFD spent 18,361 hours training. This training includes didactic, manipulative and directed study; it includes both tested and untested as well as physical fitness and endurance training.



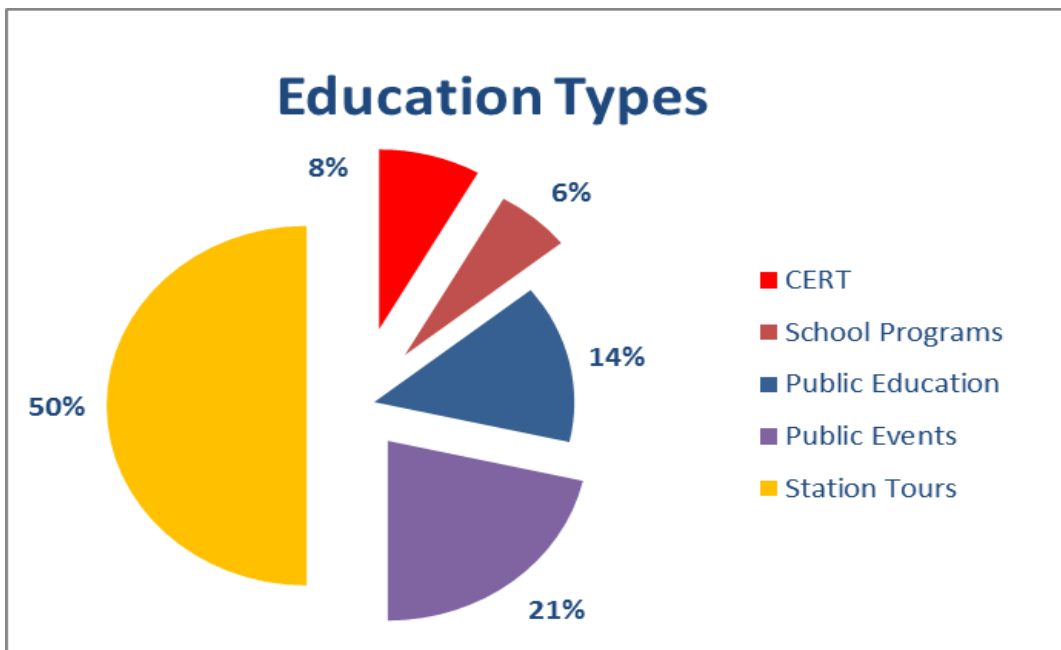
Other Incidents

Other incidents include service calls, good intention calls, and false calls. These incidents represent 37% of all calls to LPPFD. These calls are identified and documented as “other” calls after arrival of units. All calls for service are considered emergency calls until the circumstances are clearly understood.



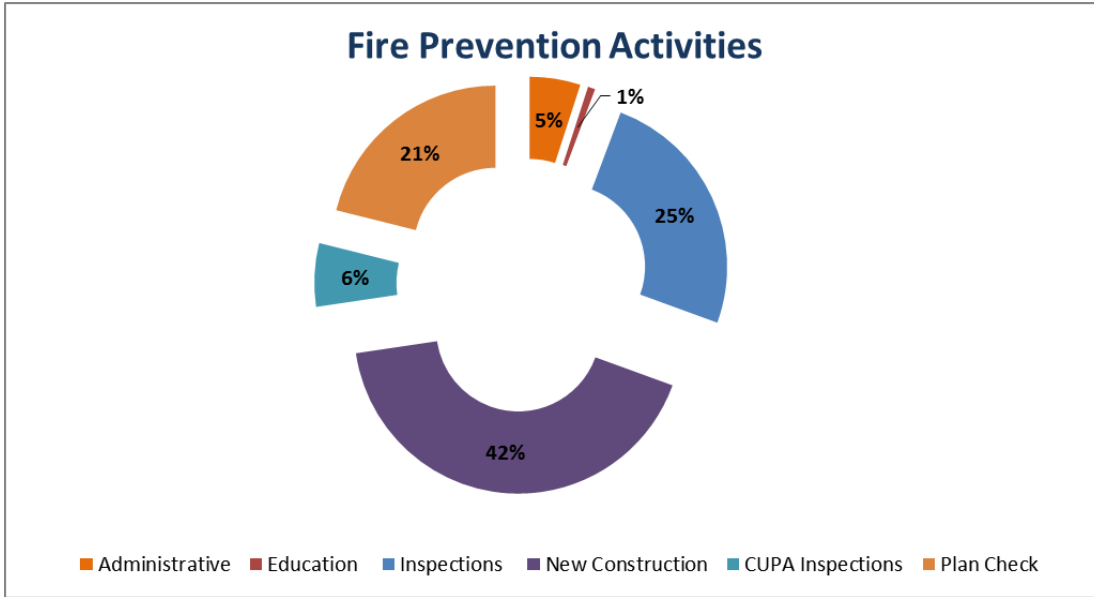
Community Education

LPPFD participates in fairs, farmers markets, Fire Prevention week, station tours, school events, Citizen Emergency Response Teams (CERT) events and much more. Helping citizens learn life safety skills is one effort to keep the public safe.



Fire Prevention/Inspections

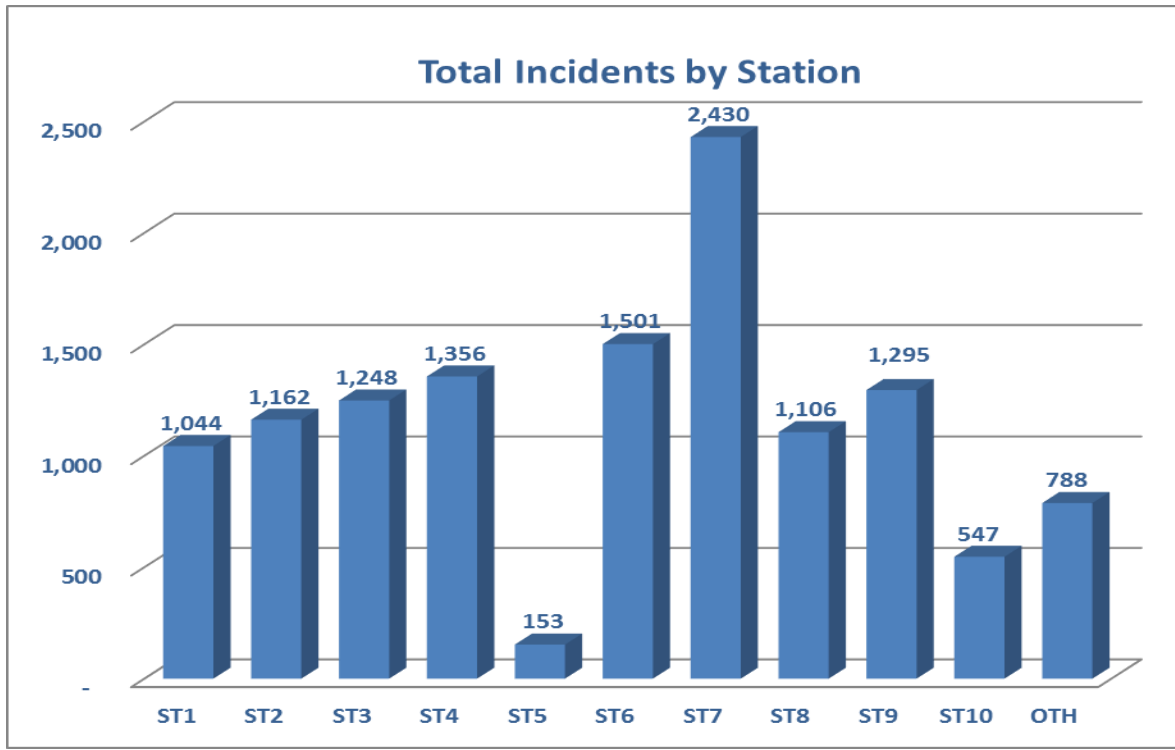
The majority of Fire Prevention activities are inspections.



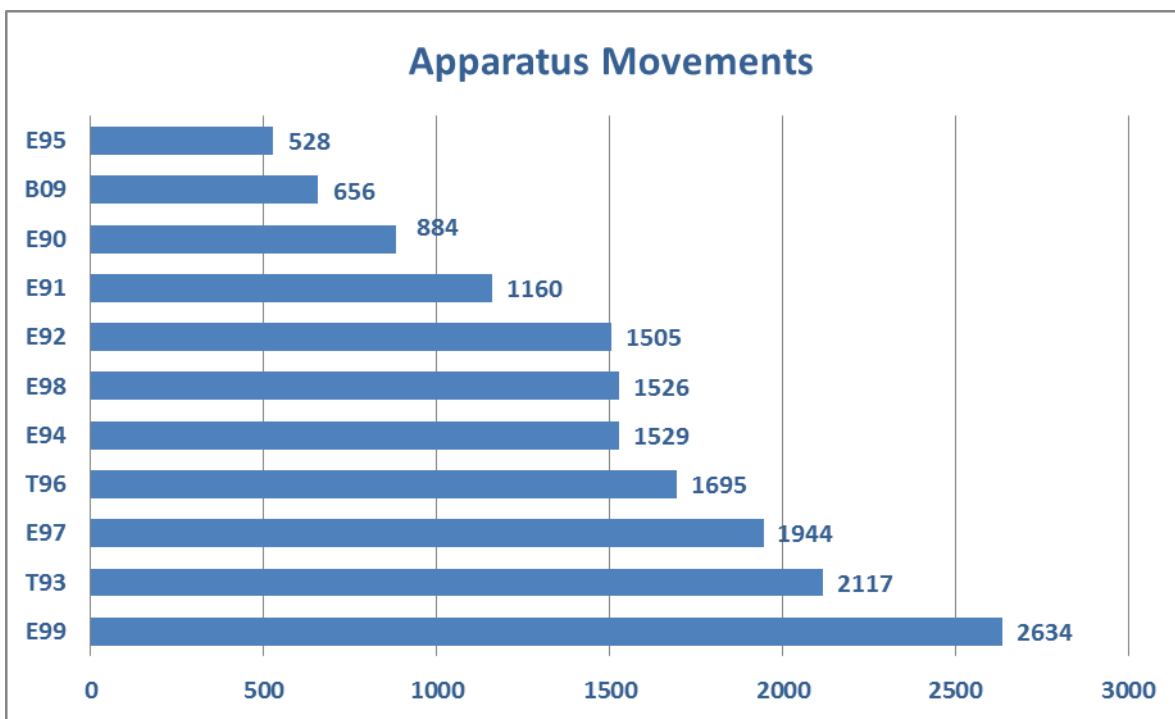
2015 Fire Prevention Activities		
Category	#	%
Administrative	255	5%
Education	37	1%
Inspections	1,267	25%
New Construction	2,149	42%
CUPA Inspections	318	6%
Plan Check	1,077	21%
Totals	5,103	100%

Calls for Service by Station Area

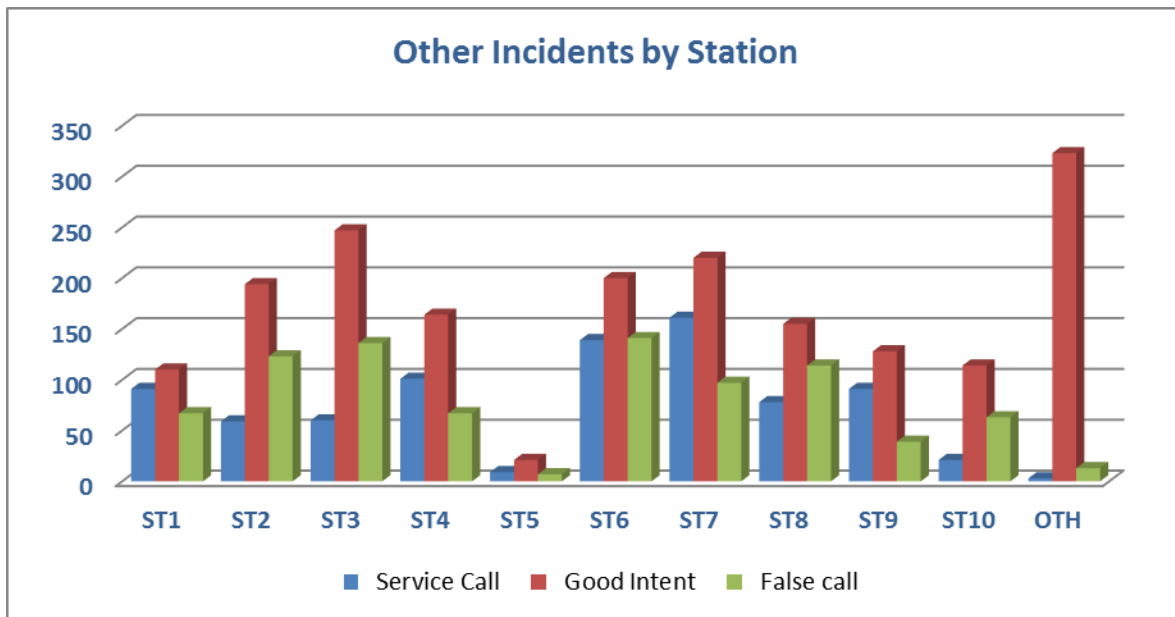
Calls for service vary widely for each station area.



The Apparatus Movements graph shows the actual times each apparatus has responded to calls for service. This includes multi-unit responses, move ups and coverage assignments during resource draw down.

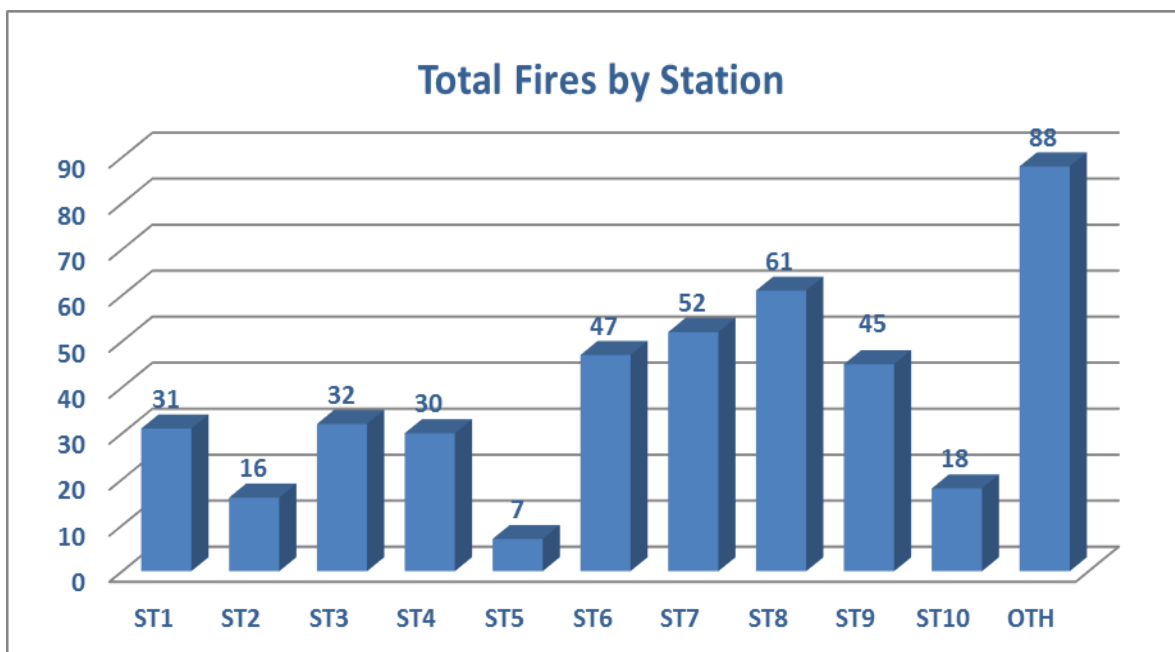


Non-Emergency Incidents by Station Area

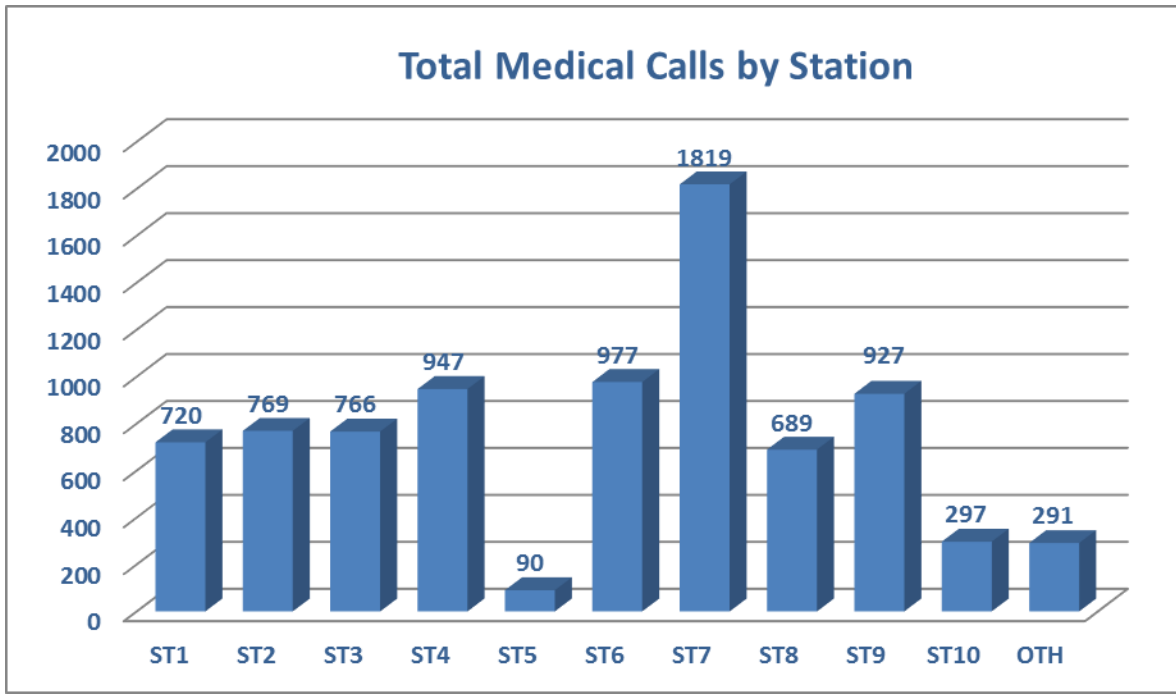


Fire Calls by Station Area

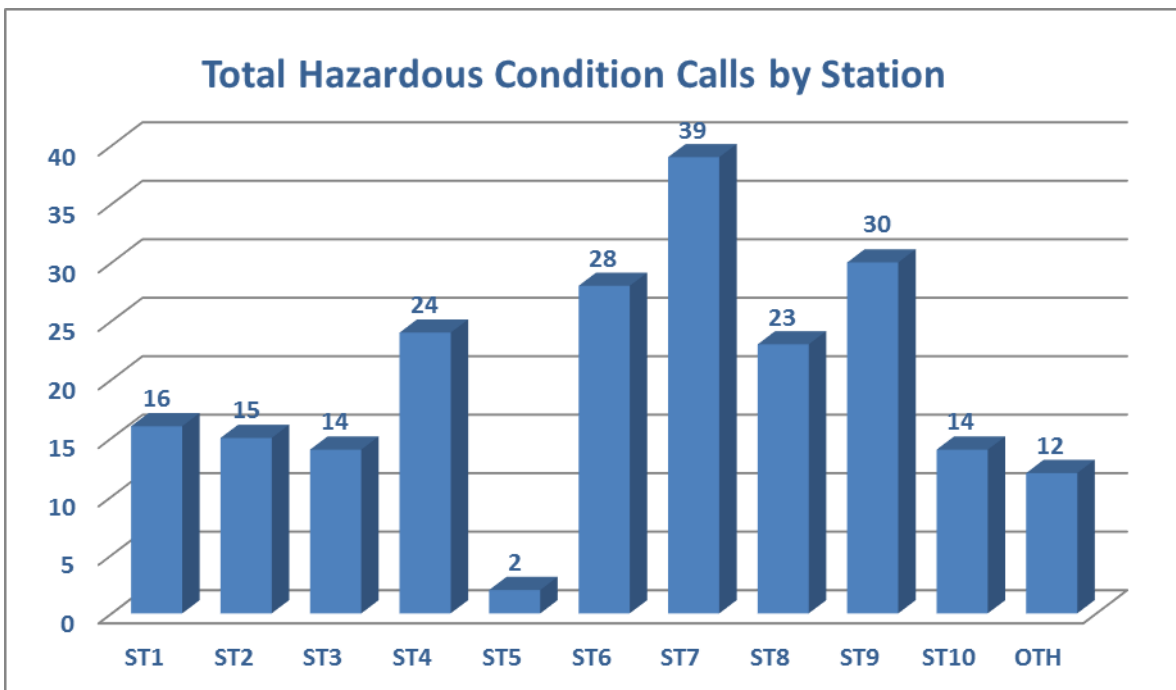
While the majority of fire calls that the LPFD responded to were within our jurisdiction, the LPFD continues to work closely with our bordering agencies to provide fire services regionally in an effort to get the closest, most appropriate resources to our customers. While 339 of these responses were within our jurisdiction, 88 were outside.



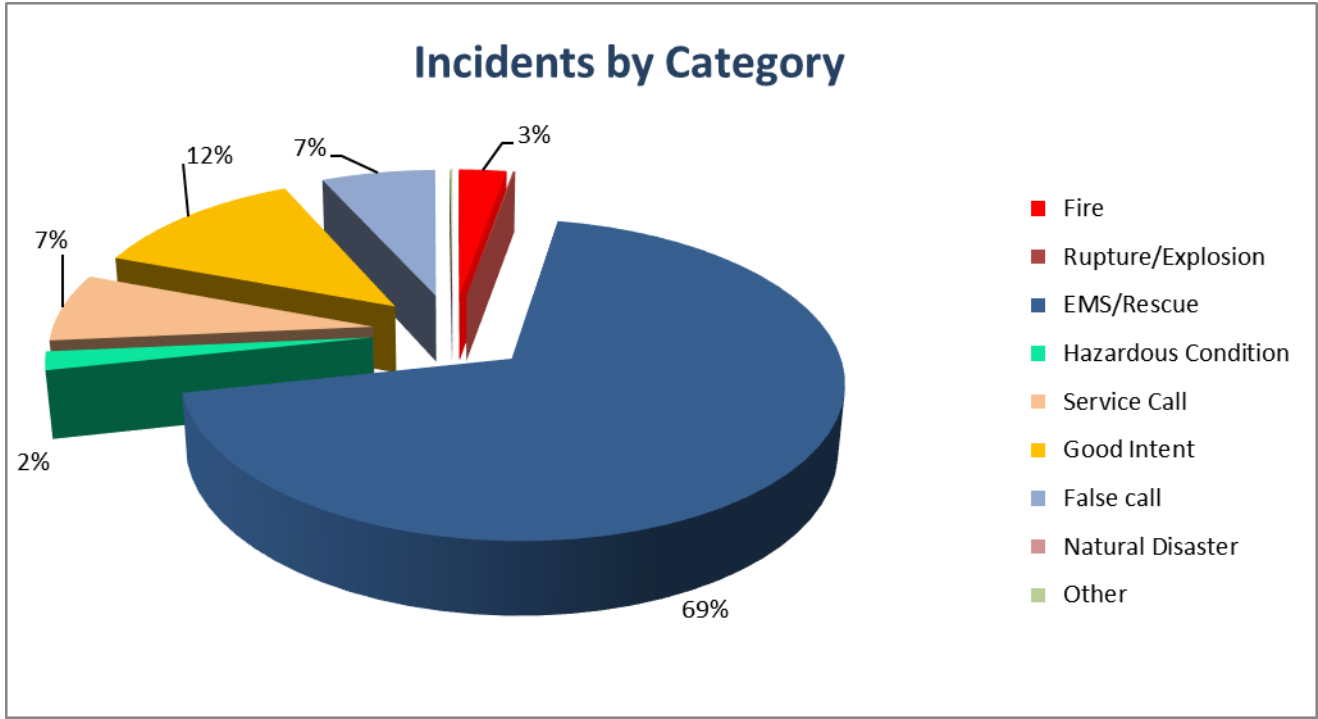
Medical Calls by Station Area



Hazardous Materials Calls by Station Area

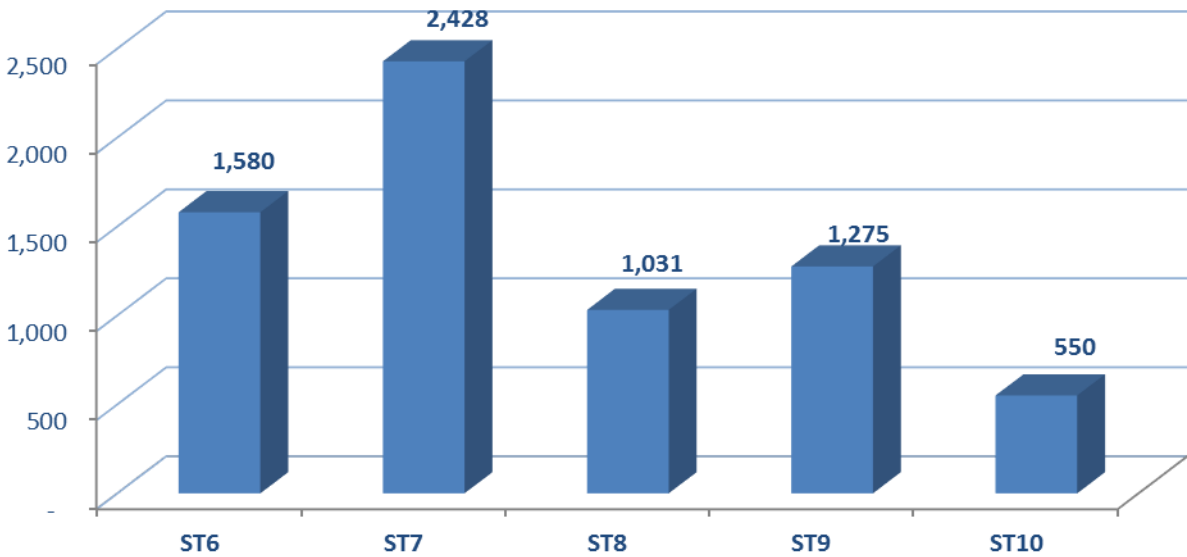


City of Livermore

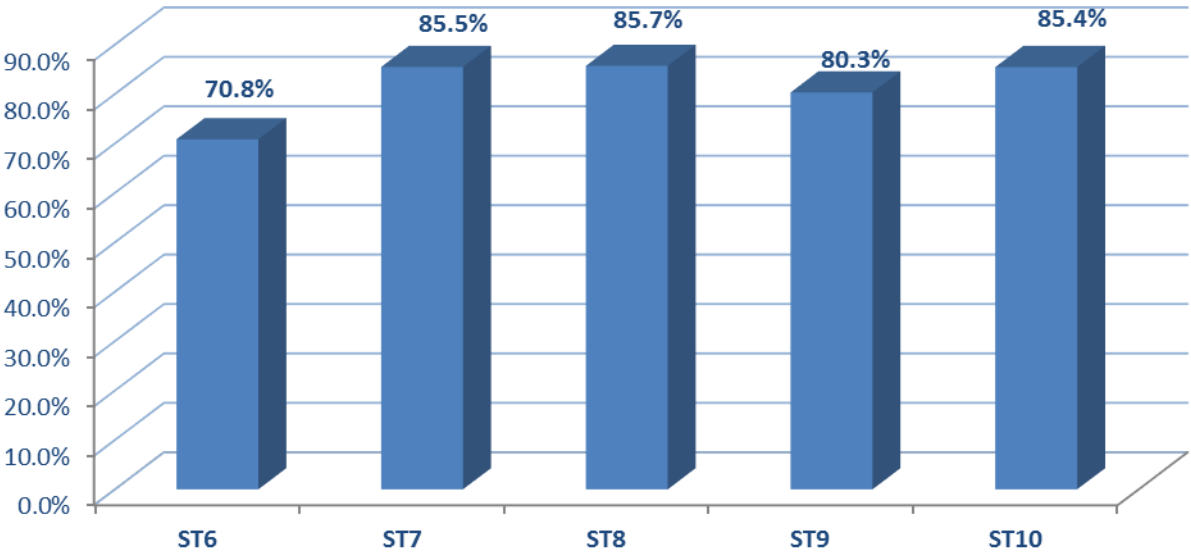


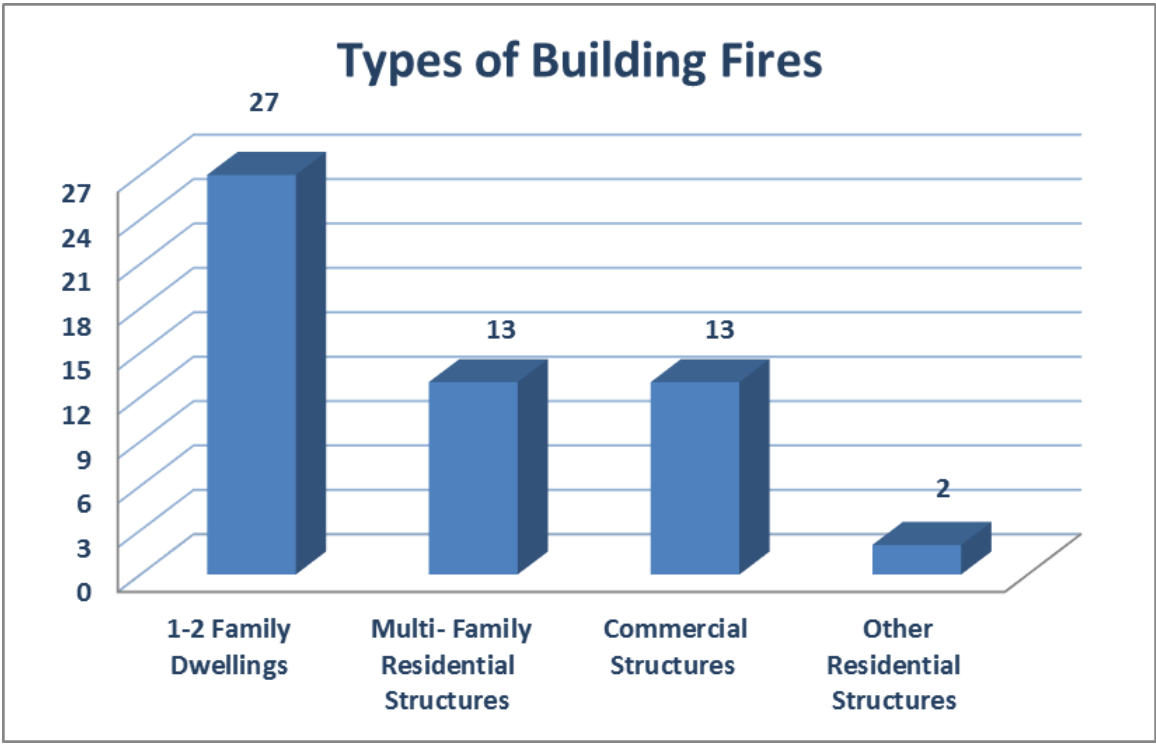
Calendar Yr 2015 Livermore						
	ST6	ST7	ST8	ST9	ST10	Totals
Fire	47	52	61	45	18	223
Rupture/Explosion	1	1	2	2	1	7
EMS/Rescue	977	1819	689	927	297	4,709
Hazardous Condition	28	39	23	30	14	134
Service Call	148	197	83	102	31	561
Good Intent	200	220	155	128	114	817
False call	100	98	92	59	71	420
Natural Disaster	0	0	0	0	1	0
Other	0	4	1	2	0	7
Totals	1,580	2,428	1,031	1,275	550	6,864

Total Responses by Station

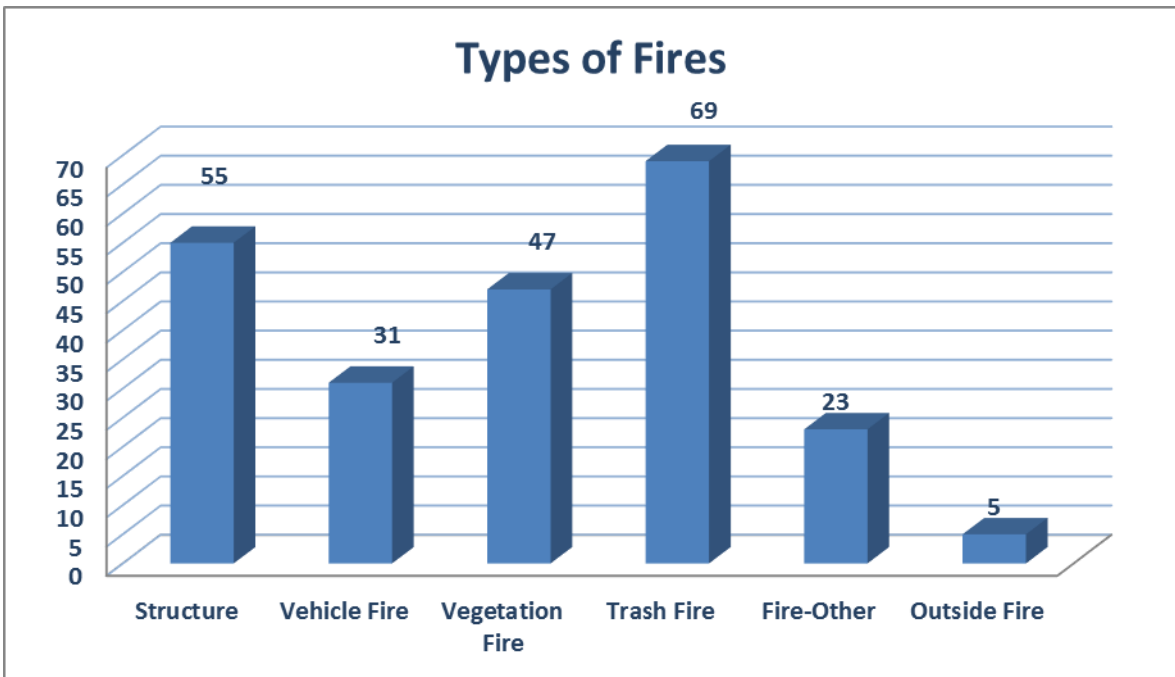


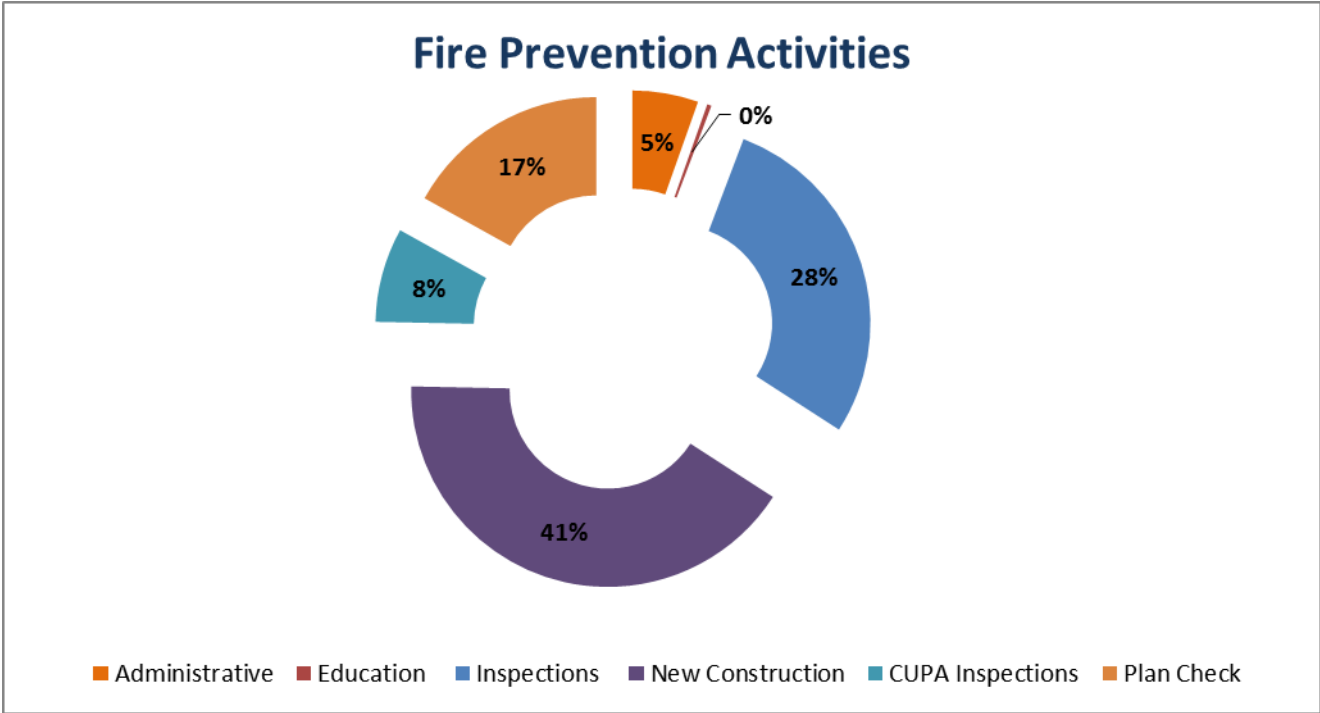
Seven Minute Response by Station





Total Structure Fire Dollar Losses (Property Only)	\$ 1,207,600
Total Structure Fire Dollar Saved (Property Only)	\$ 8,666,550
Total Dollar Lost (Contents and Structure)	\$ 1,353,100

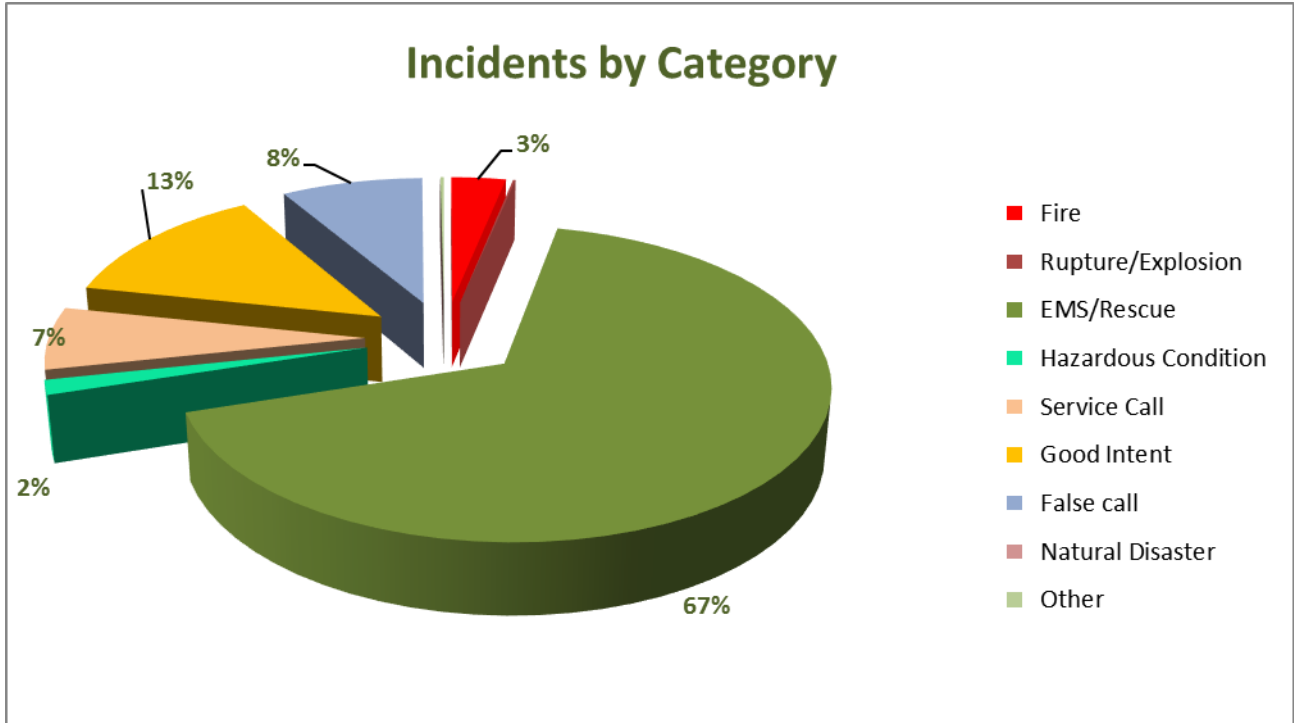




Plan Check Processing Time (within 10 Business days) Districts 6-10 = 75%

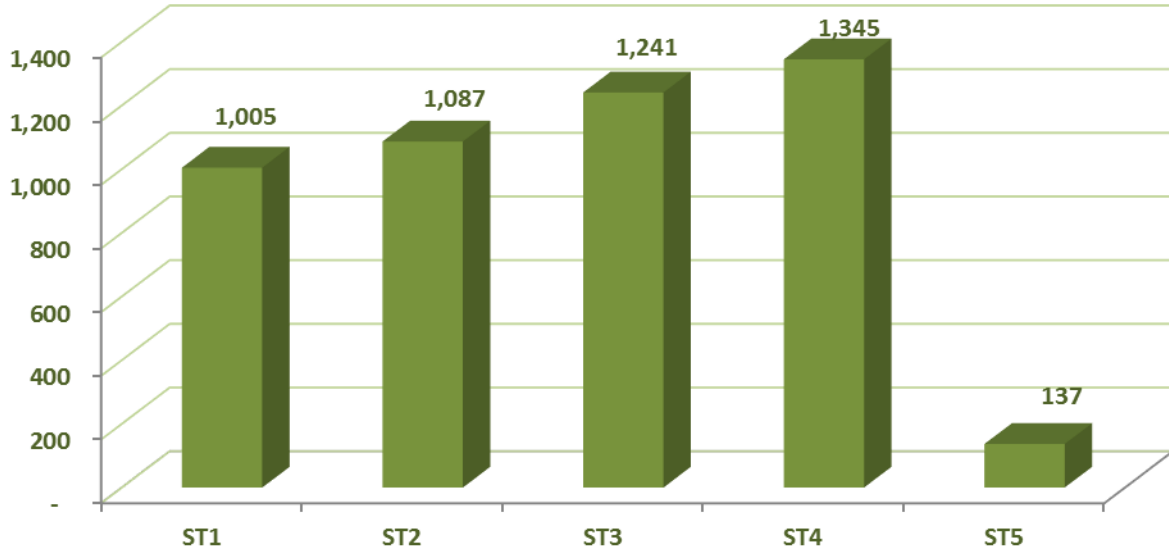
Livermore-2015	
Category	#
Administrative	123
Education	8
Inspections	643
New Construction	934
CUPA Inspections	176
Plan Check	384
Total	

City of Pleasanton

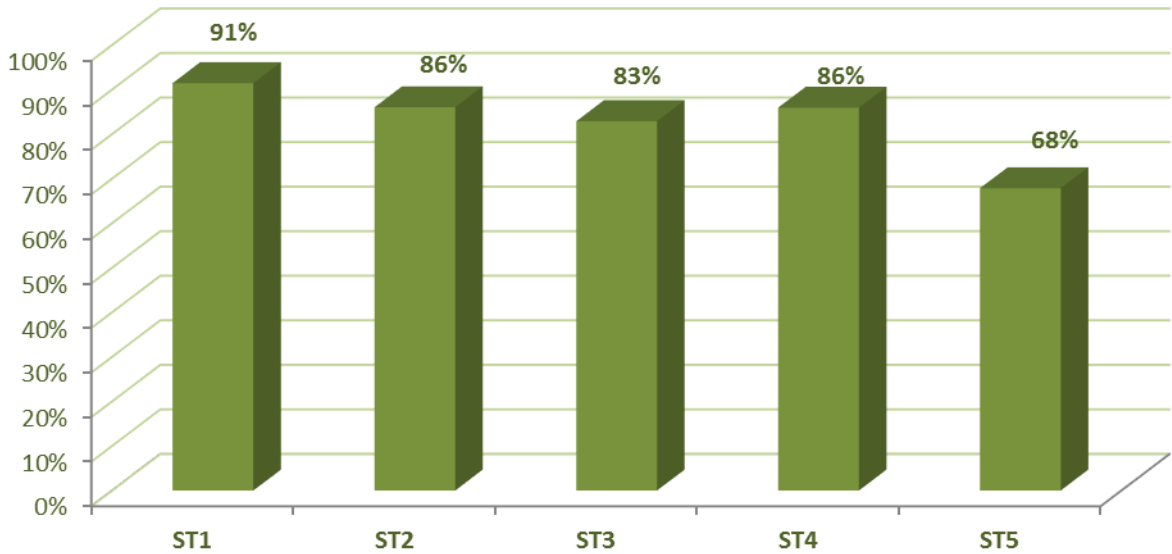


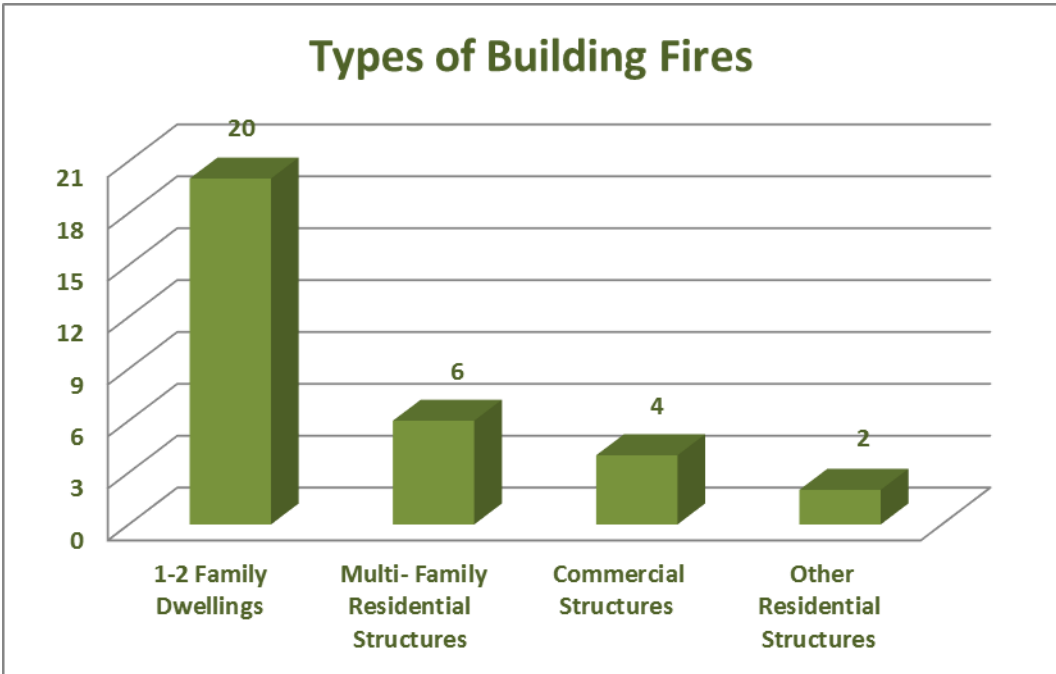
Calendar Yr 2015 Pleasanton						
	ST1	ST2	ST3	ST4	ST5	Totals
Fire	31	16	32	30	7	116
Rupture/Explosion	5	1	3	2	1	12
EMS/Rescue	720	769	766	947	90	3,292
Hazardous Condition	16	15	14	24	2	71
Service Call	100	66	65	91	19	341
Good Intent	110	194	247	164	21	736
False call	62	100	121	95	13	391
Natural Disaster	0	0	0	0	0	0
Other	0	1	0	3	0	4
Totals	1,005	1,087	1,241	1,345	137	4,815

Total Responses by Station

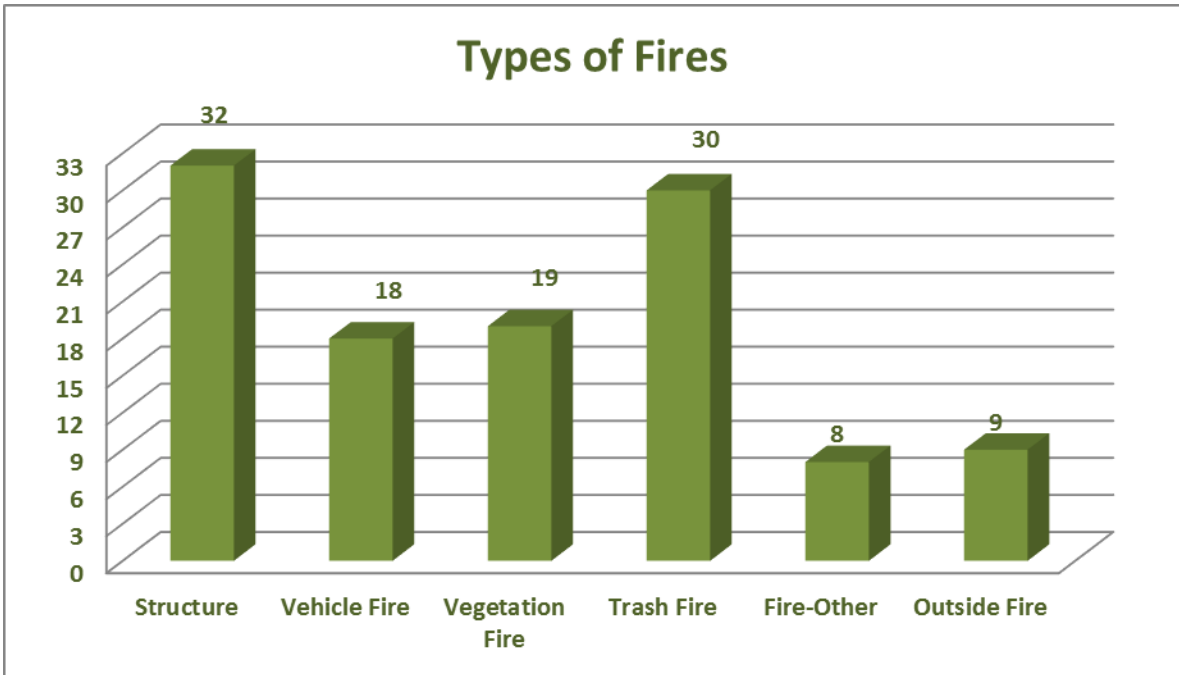


Seven Minute Response by Station

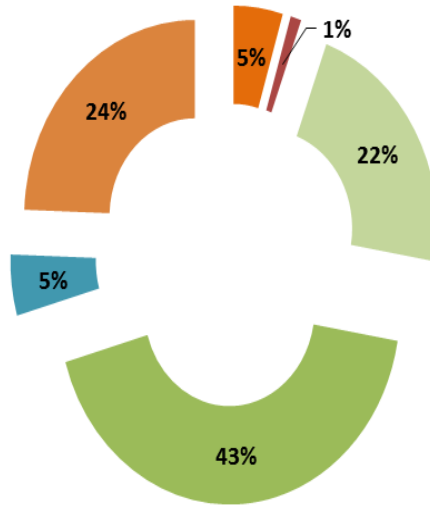




Total Structure Fire Dollar Losses (Property Only)	\$ 165,000
Total Structure Fire Dollar Saved (Property Only)	\$ 3,881,704
Total Dollar lost (Contents and Structure)	\$ 216,000



Fire Prevention Activities

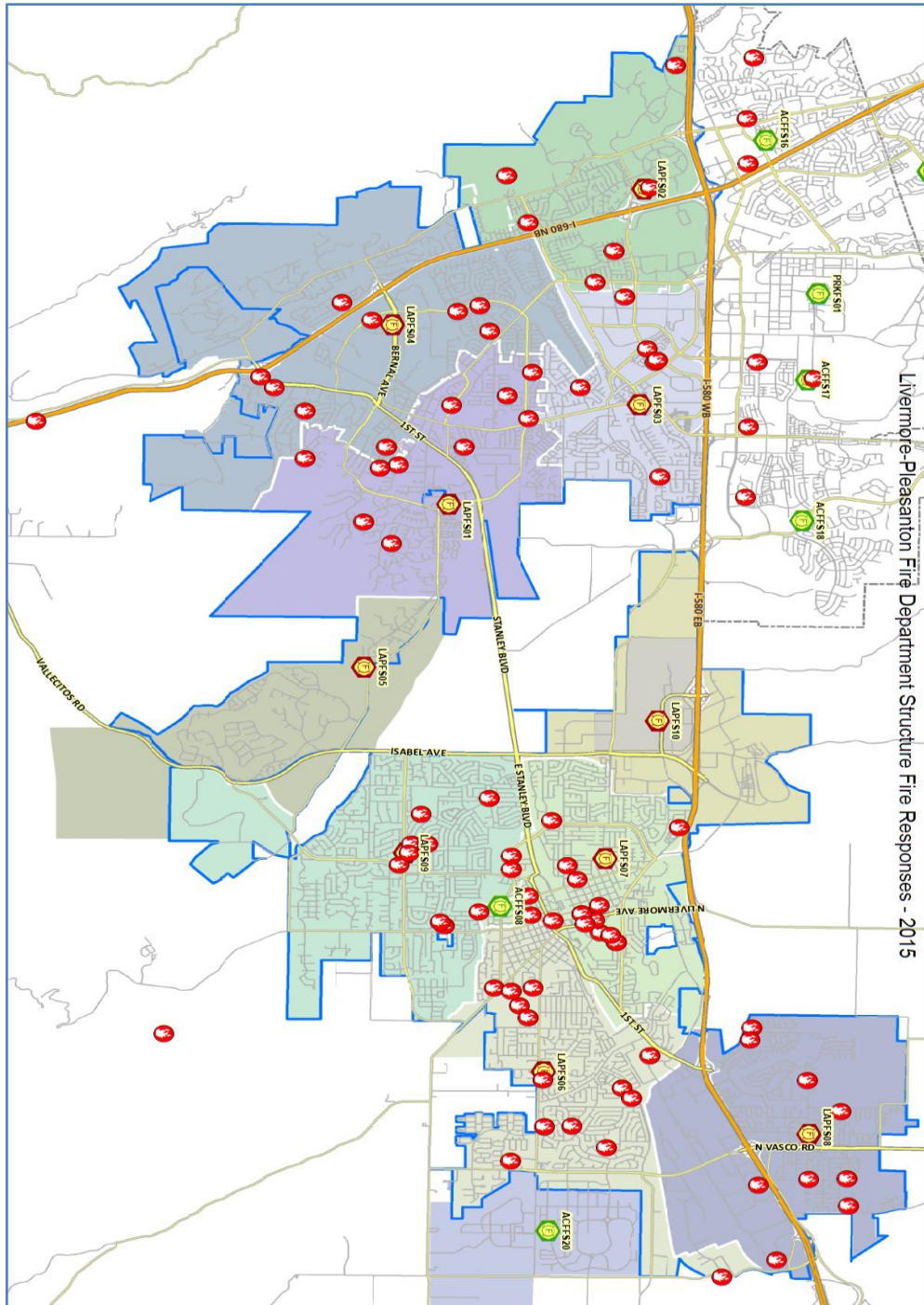


■ Administrative
 ■ Education
 ■ Inspections
 ■ New Construction
 ■ CUPA Inspections
 ■ Plan Check

Plan Check Processing Time (within 10 Business days) Districts 1-5 – 85%

Pleasanton-2015	
Category	#
Administrative	132
Education	29
Inspections	624
New Construction	1215
CUPA Inspections	142
Plan Check	693
Total	

All Structure Fire Responses



All EMS Hotspots by Responses

