

EL DORADO HILLS FIRE DEPARTMENT

2015 Annual Report



Photograph taken by Rudy Calpo

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Dear Directors and Community Members:

On behalf of the members of the El Dorado Hills Fire Department, I am pleased to bring you our Annual Report for 2015.

As attested to in this Annual Report, the firefighting and administrative staff of the El Dorado Hills Fire Department continue to meet the increasing challenges of delivering exceptional Emergency Services to the communities we protect.

On our path of continuous improvement, we remained focused on our Strategic Plan which has been our guiding document since mid-2012. This Strategic Plan is a living document that provides short and long term direction for our Department. It helps us build a shared vision, and perhaps most importantly, it identifies specific goals and related objectives which allows us to set targets and measure success. During 2015, we completed several goals and added several more. You can become familiar with our progress in the summary provided within this report or review the entire Strategic Plan in full detail, which can be found on www.edhfire.com under Our Services>Documents.

Any organization is only as strong as its team, so this year we have added several new sections to our report that help to highlight the great work and accomplishments of our team members. Following the recommendations from our Strategic Plan, we reorganized administration to optimize succession planning and fill the critical gaps that were identified. Visit the organization section to become familiar with the changes that have enhanced our ability to provide exceptional service.

Even with a slight uptick in projected property tax revenue for the 2015/2016 fiscal year, our fiscal health remains a priority. To meet the future needs of the district and an ever increasing demand for service, the Department continues to be a leader in collaborating with El Dorado County and our Joint Powers Authority Ambulance partners on creative, fiscally responsible solutions.

As you study this Annual Report highlighting the year of 2015, you will become familiar with the increasing demands for service being placed on your Fire Department and the dedication required to meet those challenges. It is an honor for me to work with such dedicated individuals.

I am always available to answer any questions you may have.

Respectfully,

A handwritten signature in blue ink, appearing to read "D. C. Blum".

Fire Chief Serving the Communities of El Dorado Hills, Latrobe and Rescue



District Information

Board of Directors

El Dorado Hills Fire Department is governed by an elected, five-member Board of Directors who meet monthly for regular meetings.

<u>NAME</u>	<u>TITLE</u>	<u>ELECTED/APPOINTED</u>
Barbara Winn	President	2009
John Hidahl	Vice President	2000 (1981-1998)
Gregory Durante	Director	2008
Jim Hartley	Director	2000
Doug Hus	Director	2014
Connie Bair	Board Secretary	1983 (served through October 2015)
Jessica Braddock	Board Secretary	2015 (served after October 2015)
Mike Cook	Board Counsel	1988

STANDING COMMITTEES

Administrative Committee	John Hidahl	Barbara Winn
Fire Committee	Barbara Winn	Doug Hus
Joint Powers Authority	Jim Hartley	Doug Hus
Commission for Collaborative Fire Departments	John Hidahl	Doug Hus

AD HOC COMMITTEES

Regional Operations Committee	Jim Hartley	John Hidahl
Human Resources Committee	Barbara Winn	Greg Durante
Communications Committee	Greg Durante	Barbara Winn
Solar Committee	Doug Hus	John Hidahl
Volunteer Stakeholders Committee	John Hidahl	Greg Durante
Training Facility Committee	Jim Hartley	Greg Durante
CSD/Fire Collaboration Committee	John Hidahl	Greg Durante



Department Personnel

ADMINISTRATIVE STAFF

David Roberts, Fire Chief
Tom Keating, Deputy Chief Administration
Mike Lilienthal, Deputy Chief Operations
Antonio Moreno, Battalion Chief
David Brady, Battalion Chief
John Johnston, Battalion Chief
Connie Bair, Chief Financial Officer*
Jessica Braddock, Director of Finance
Marshall Cox, Fire Marshal
Dan Skubal, Fire Prevention Specialist
Stephanie Parrish, Fire Inspector I
Sandy Sanders, Administrative Assistant*
Kristin Moreno-Cramer, Administrative Assistant
Megan Selling, Administrative Assistant
Christina Burroughs, Administrative Assistant
Shannon Merlo, Office Assistant
Allan Orr, Operations Support Technician*
Tim Kerwood, Operations Support Technician



CAPTAIN/PARAMEDIC

Ali, Mark
Anselmo, Tom
Beckett, Matthew
Bresnahan, Brian
Cowles, Benjamin
Ferlini, Hank
Hasemeier, Russell
Hathaway, Ryan
Karnow, Robert
Merino, David
Nelson, Daniel
Owens, Kasey
Storz, Chris (Captain/EMT)
Warren, Brenton
Zellhoefer, Jon

ENGINEER/PARAMEDIC

Belleci, Matthew
Burvant, Lantz
Eckhardt, Mathew
Ferry, Bryan
Gygax, Michael
Landry, Christopher
LeBlanc, Michael
MacKenzie, Michael
Sommercamp, James
Ward, Dave
Wesson, Phillip

FIREFIGHTER/PARAMEDIC II

Austerman, Robert
Bennett, Ryan
Bichel, Todd
Cummins, Jeffrey
Hemstalk, Dale
Inzerillo, Jeno*
Leduc, Brian
Lovinger, Michael
Lowe, Brian
MacKenzie, Robyn
Mason, LisaMarie
Minnich, Stacy
Morgan, Murray
Smith, Jason
Stiern, Carmen
Ward, Sean
Wilkey, Brian
Zarback, Thomas

FIREFIGHTER/PARAMEDIC I

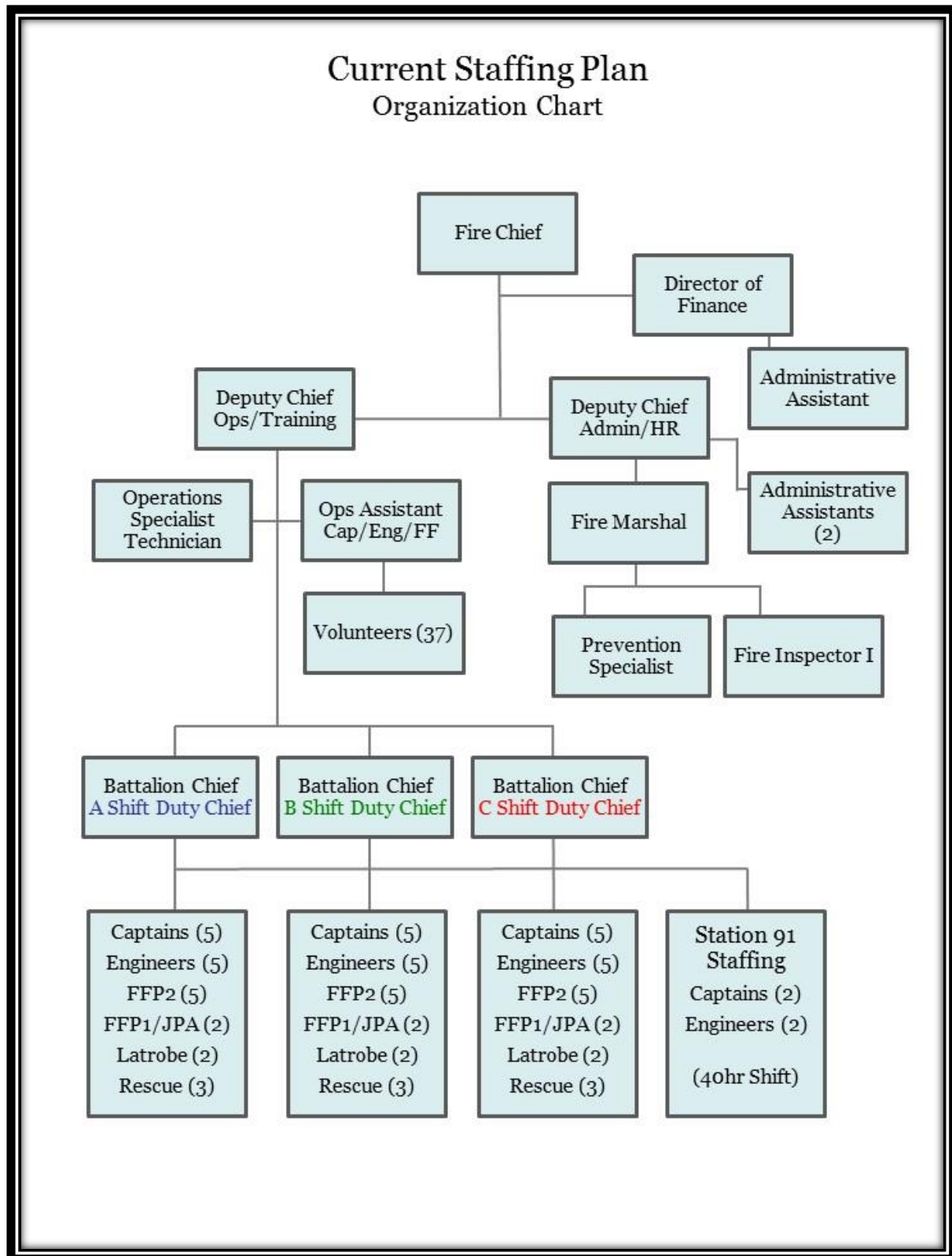
Baldwin, Jacob
Bohanan, Lucas
Gregory, Adam
Lorence, Don
VanDalen, John

FIREFIGHTER

Bates, Sean
Colgan, Matthew*
Cope, David
Haydt, Eric*
Jukes, Mark*
Soekland, Laurel*

*Personnel who departed EDHFD in 2015 (see Promotions & Retirements section for details).

Department Organization Chart



Promotions & Retirements

With the Board of Directors' approval, many organizational changes were made to the El Dorado Hills Fire Department in 2015. The approved re-structuring of Administrative staff created a new Operations Deputy Chief position, filled one position for an Operations Support Technician, created a new Non-Safety Fire Marshal position, reassigned one Administrative Assistant to Finance and filled the Fire Prevention Specialist position. Station 91 was staffed with an Engineer along with the already assigned Captain to ensure two-person coverage, 10 hours a day, 7 days a week. By making these changes, it greatly expanded our administrative and operational capabilities, filled the identified gaps and weaknesses, and allows us to better serve the internal and external customers.

Among these re-structuring changes, three Department personnel retired after many years of dedicated service and are recognized below.

Promotions

Promoted to Deputy Chief Operations

Mike Lilienthal

Promoted to Fire Marshal

Marshall Cox

Promoted to Captain

Ben Cowles

Rob Karnow

Promoted to Engineer

Lantz Burvant

Promoted to Firefighter/Paramedic II

Todd Bichel

Brian Leduc

Murray Morgan

Promoted to Firefighter/Paramedic I

Jacob Baldwin

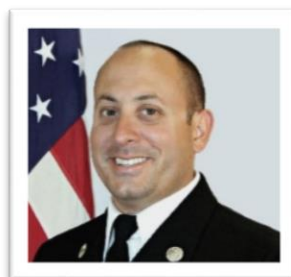
Adam Gregory

John VanDalen

Retirements



Connie Bair
Chief Financial Officer
32 years of service



Jeno Inzerillo
Firefighter/Paramedic
12 years of service



Sandy Sanders
Administrative Assistant
10 years of service

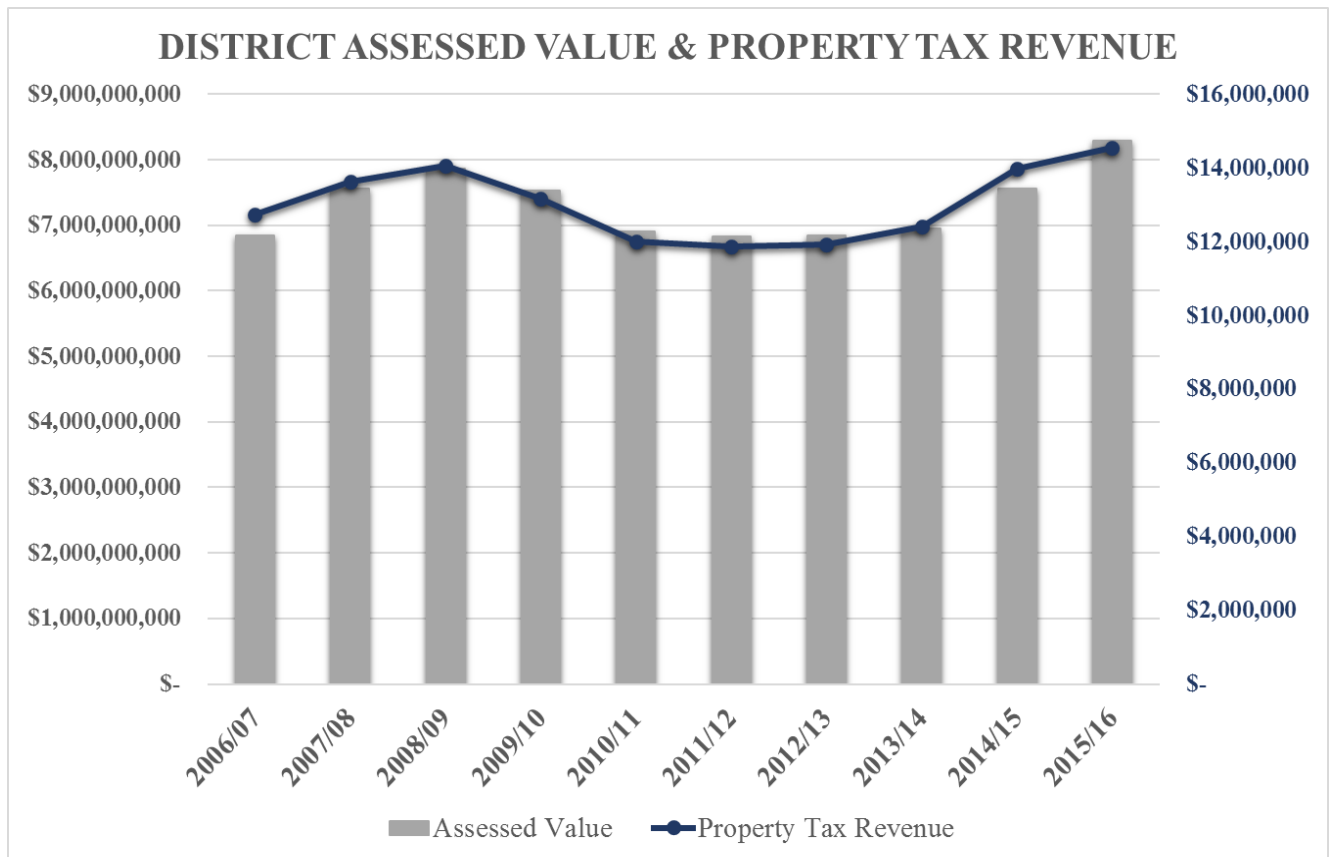
Volunteer Personnel

<u>NAME</u>		<u>TITLE</u>	<u>HIRED YEAR</u>
Roppolo	Mike	Lieutenant	1994
Thalhamer	Todd	Lieutenant	1998
Vail	Scott	Firefighter	2001
Webb	Darrin	Firefighter	2002
Boeker	Bobby	Engineer	2004
Baughman	Gregory	Lieutenant	2005
Mattson	Kyle	Firefighter	2009
McCarthy	Sean	Firefighter	2009
Phillips	Raymond	Firefighter	2009
Polson	John	Firefighter	2009
Cowin	Brian	Firefighter	2011
Estrada	Andrew	Firefighter	2011
Roberts	Eric	Firefighter	2011
Stephens	Kelly	Firefighter	2011
VanDalen	John	Firefighter	2011
Verseput	Justin	Firefighter	2012
Braddock	Jerome	Firefighter	2013
Stinson	Jack	Firefighter	2013
Franzen	Michael	Firefighter	2014
Goddard	Kevin	Firefighter	2014
Hail	William	Firefighter	2014
Montalvo	Joseph	Firefighter	2014
Murray	Logan	Firefighter	2014
Murray	Marc	Firefighter	2014
Neu	Johannes	Firefighter	2014
Alaimo	Brett	Firefighter	2015
Avery	Tyler	Firefighter	2015
Bolognini	David	Firefighter	2015
Hustrei	Branden	Firefighter	2015
Neptune	Zachary	Firefighter	2015
Pagala	Jonah	Firefighter	2015
Payne	Austin	Firefighter	2015
Schlange	Kevin	Firefighter	2015
Spruitenburg	Travis	Firefighter	2015
Tarry	Nathan	Firefighter	2015
Tucker	Kyle	Firefighter	2015
Woo	Austin	Firefighter	2015

District Growth Summary

The District experienced healthy growth in 2015. Property tax revenue, District assessed value, and development fees all increased from 2014. Highlights are as follows:

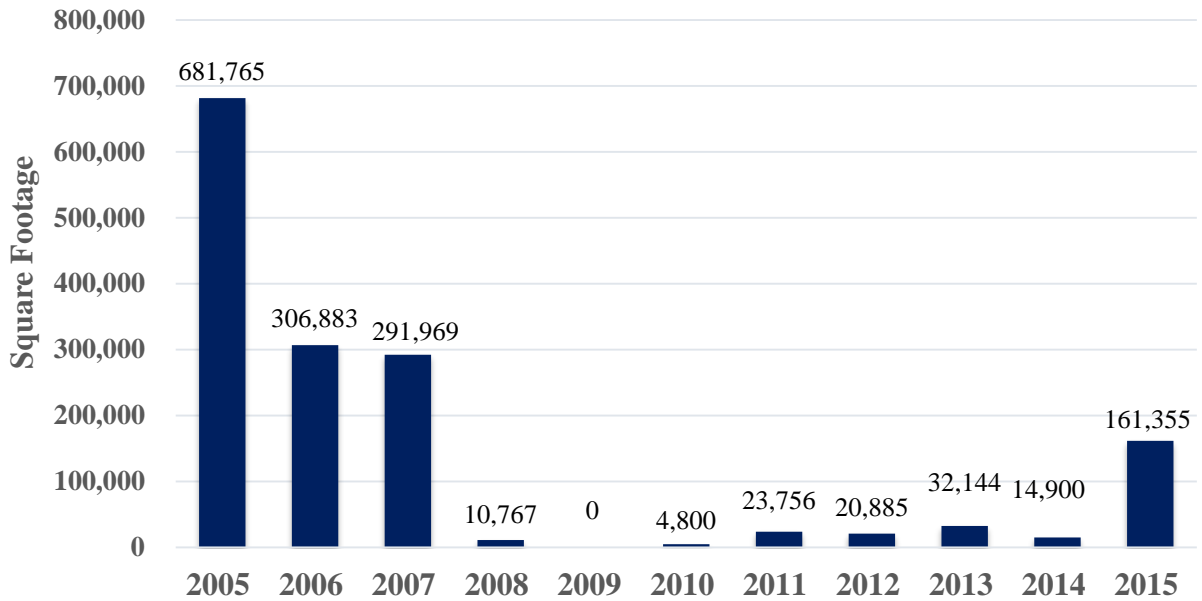
- ❖ The assessed value for the District increased 9.5% in 2015/16, the largest percentage increase since 2007/08. This is the fourth consecutive year the District has had an increase in assessed value. Roughly 3.1% of the increase is due to the annexation of Latrobe Fire Protection District in late 2014. The District assessed value has increased an average of 3.8% per year over the past 5 years and 3.9% per year over the past 10 years.
- ❖ The District's property tax revenue, as projected by the County, is expected to increase by approximately 4.1% for the 2015/16 fiscal year. Property tax revenue has increased an average of 4% per year over the past 5 years and 3% per year over the past 10 years.



- ❖ Permits were issued in 2015 for commercial development totaling 161,355 square feet, a drastic increase from 14,900 square feet in 2014. This is the most commercial development that has occurred since 2007.

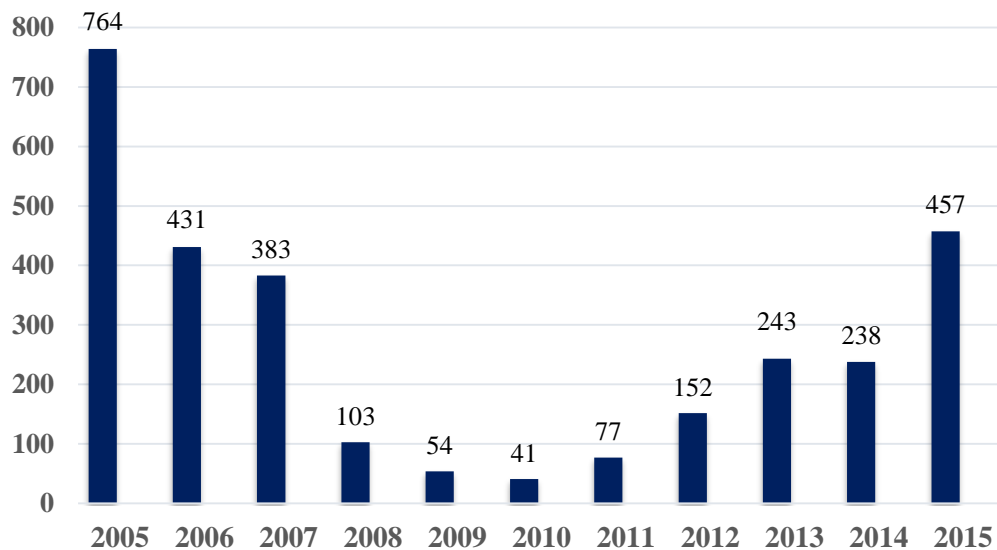
COMMERCIAL DEVELOPMENT

Total New Square Footage (fees paid/permits issued)

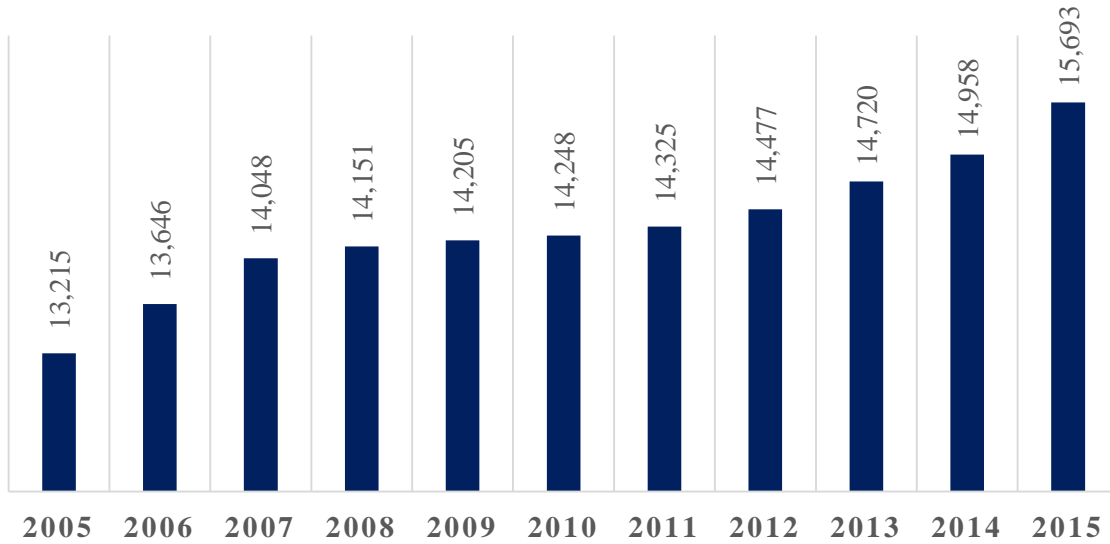


- ❖ New home development increased more than 3% in the District this past year. There were 457 new homes constructed in 2015. This is above an average of 233 homes constructed per year over the past 5 years and 220 per year over the past 10 years. Including the 278 homes added with the Latrobe annexation in late 2014, the District had a total of 15,693 homes at the end of 2015.

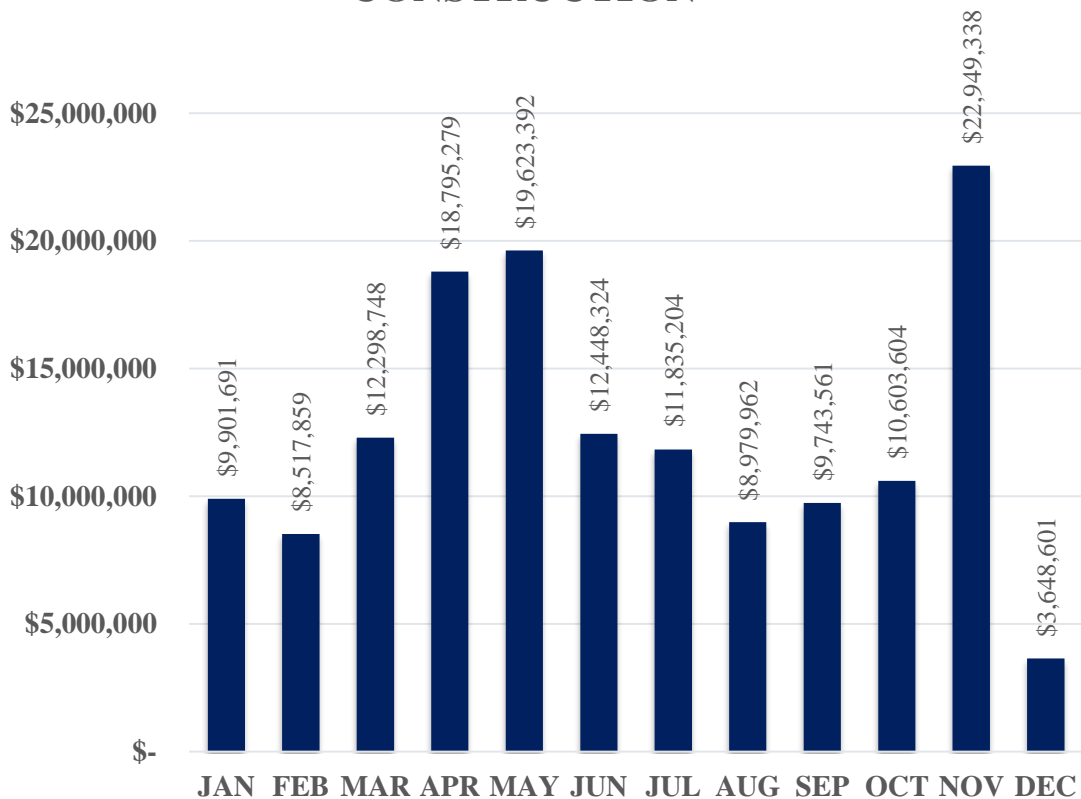
HOMES CONSTRUCTED PER YEAR



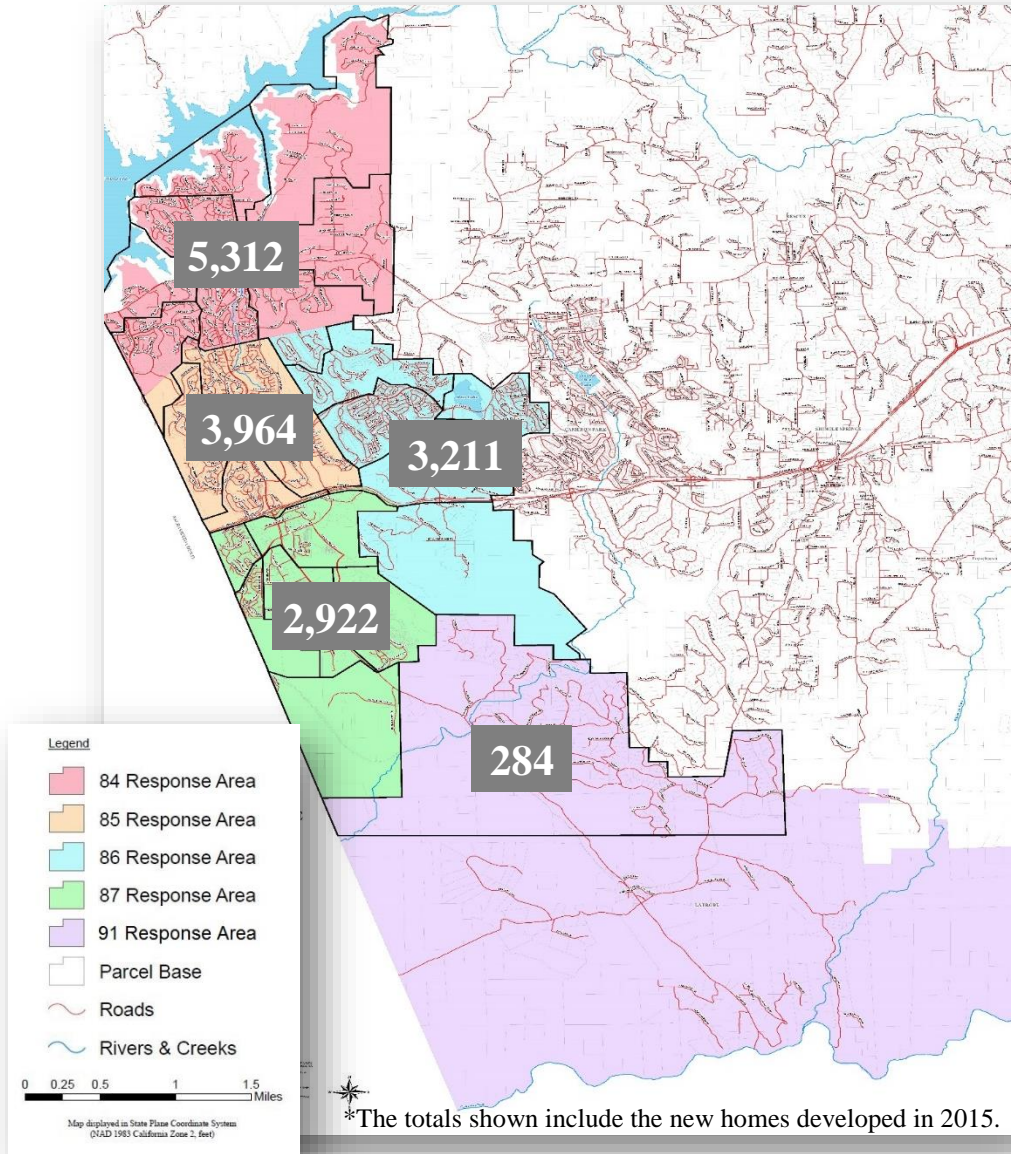
RESIDENTIAL GROWTH (HOUSING UNITS)



2015 RESIDENTIAL & COMMERCIAL CONSTRUCTION



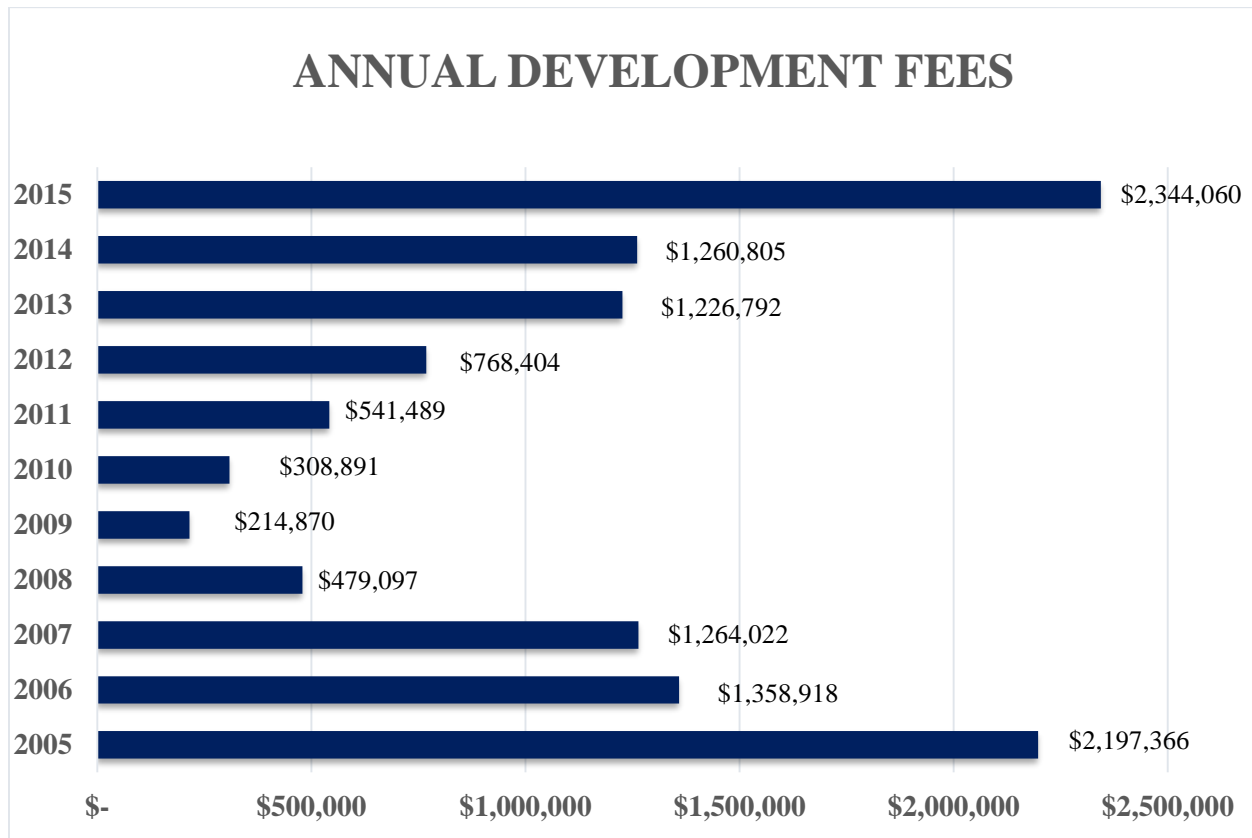
2015 TOTAL HOMES BY RESPONSE AREA



NEW HOMES CONSTRUCTED IN 2015

Station 84	76
Station 85	31
Station 86	65
Station 87	279
Station 91	6
Total New Homes	457

- ❖ The development fee revenue collected in the 2015 calendar year was \$2,344,060, a substantial increase from \$1,260,805 in 2014.



- ❖ Latrobe Fire Protection District was annexed in late 2014. Reported data for housing, development fees, budget and revenue include the Latrobe area for the full year of 2015.

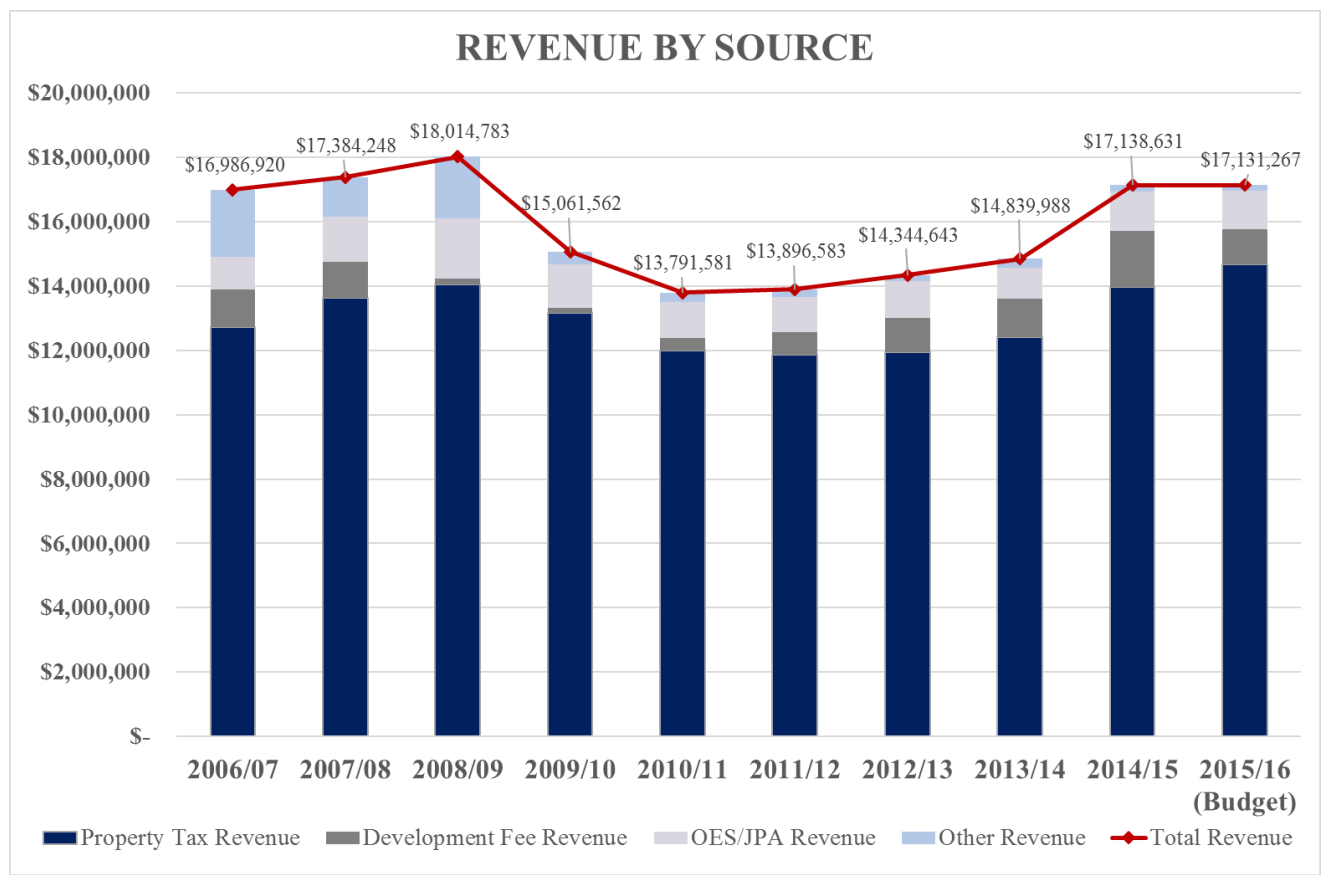
In summary, the El Dorado Hills Fire Department continues to grow steadily and has fully recovered from the economic downturn of 2009. Fiscal year 2015/16 is the first year the assessed value of the District is higher than it was at its peak in 2008/09. Development is on an upward trend and this trend is expected to continue for years to come. The Department remains proactive in meeting the ongoing challenges it faces to manage the growth and development needs in our community.

District Financial Summary

The District continues to maintain a healthy financial position by budgeting prudently and making adjustments to spending when needed. The District is currently working on updating its Reserve Policy to meet its future goals and is creating a robust Investment Policy to maximize returns on fund balances. Below is a summary of 10-year historical trends in Revenue, Expenses and Reserve Balances.

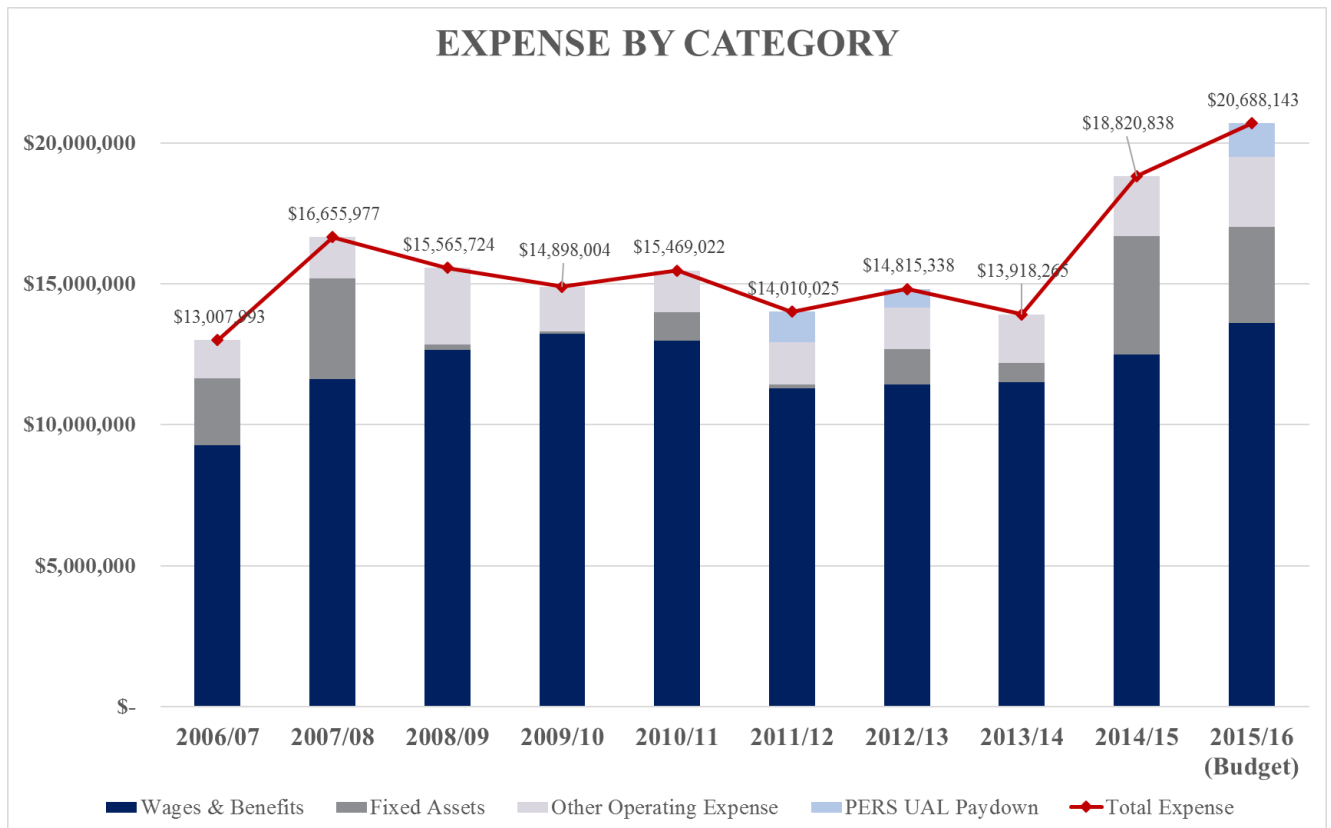
REVENUE

Total revenue has steadily increased year over year since its 10-year low in fiscal year 2010/11. The District's primary source of revenue is property tax revenue, which is projected to make up approximately 86% of total revenue in 2015/16. While property tax revenue increased in 2015/16, a decrease in budgeted development fee revenue resulted in a slight decrease in total revenue for the fiscal year. OES and JPA revenue primarily consist of reimbursements for actual costs incurred and have remained relatively consistent over the years. Other revenue is mostly made up of grants and interest income, both of which have significantly declined over the past 10 years.



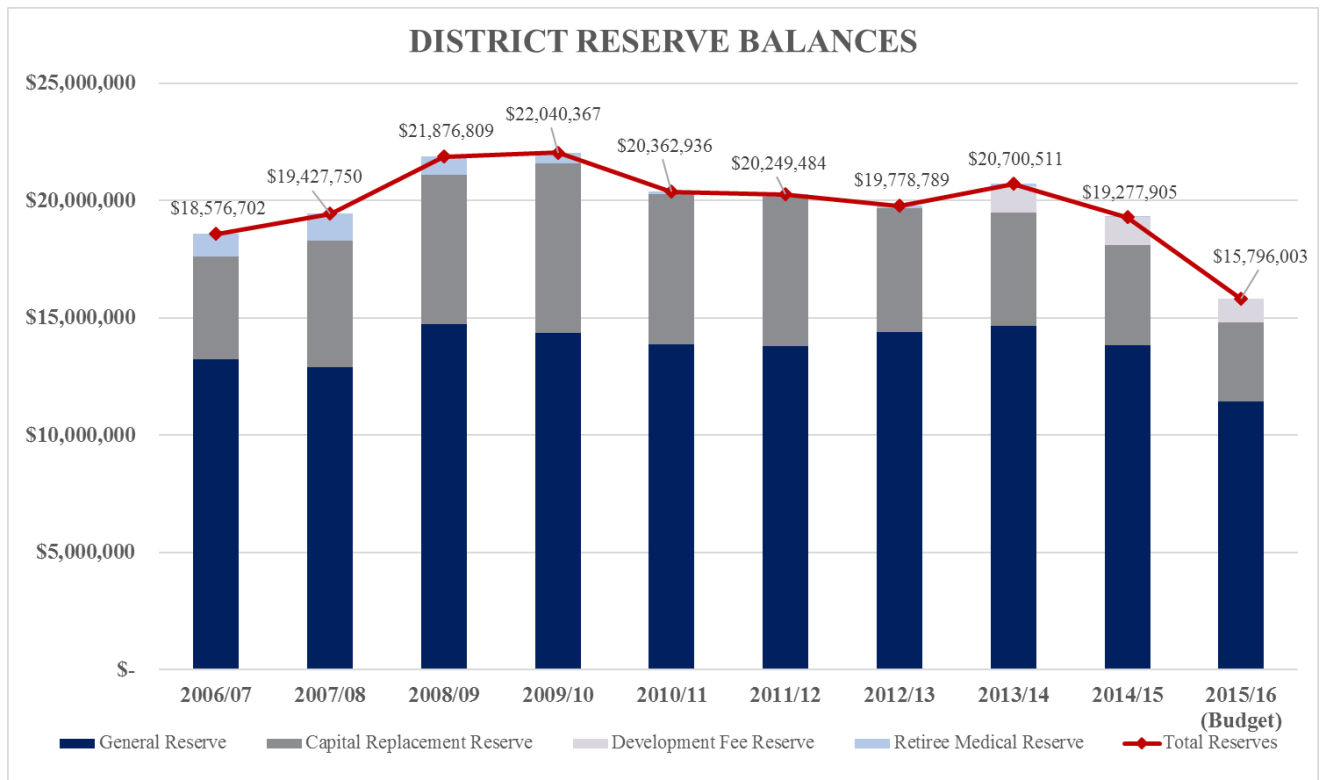
EXPENSE

The District prides itself on maintaining a tight control over expenses and on having the ability to adjust and reduce spending when needed. Accordingly, the 10-year trend for total expense shows fluctuations year over year that are fairly consistent with the increases and decreases in total revenue. During the years of declining revenue due to the economic downturn, the District's investment in capital assets was significantly reduced. Staffing adjustments were also made during this time, which is clearly shown in the Wages & Benefits cost trend depicted in the Expense by Category chart below. Other Operating Expenses consist primarily of insurance, maintenance and professional services. These costs fluctuate based on major maintenance projects or special projects requiring consulting services in any given fiscal year. There was a significant increase in total expense in 2014/15 from prior years. This is primarily due to the Station 84 rebuild project. The increase in 2015/16 is due to the completion of Station 84 as well as a budgeted lump sum payment to PERS of \$1.2M toward the pension unfunded liability.



RESERVE BALANCES

The District has historically maintained healthy reserve balances, with the overall goal of keeping a minimum of one year's operating expenses on hand in the General Reserve Fund. The 10-year historical trend shows a steady build-up in total reserve balances from fiscal year 2006/07 to fiscal year 2009/10 where balances reached a peak of \$22M. From 2010/11 to 2013/14, the total reserve balance held steady at about \$20M. In 2014/15, total reserves started to decline as a result of the Station 84 rebuild project, which required use of both development fee and general reserve fund balances. Total reserve balances are expected to decline further in 2015/16 due to the cost to complete Station 84 as well as a planned lump sum payment to PERS for \$1.2M toward the pension unfunded liability.



Strategic Plan

Originally adopted by the El Dorado Hills Fire Department Board of Directors on April 18, 2013, the community driven five-year Strategic Plan is a living document that is constantly under evaluation and modification to ensure that our collective efforts remain focused on our mission of providing exceptional service to our internal and external customers.

After an extensive process, the original Strategic Plan contained six Strategic Initiatives that were determined by the team to be service gaps or areas for improvement. With the service gaps in mind, Goals and Objectives were identified for each which culminated in the six original goals:

1. Community Relations – **Completed**
2. Workforce – **Completed**
3. Training Program
4. Emergency Communications
5. Inter-Agency Relationships – **Completed**
6. International Accreditation

Each year, the Strategic Planning Core Team evaluates the progress of each Goal and recommends new Goals to ensure we remain focused on our target of continuous improvement.

Our Strategic Plan is on its third revision which was recently adopted by the Board of Directors at our February 18, 2016 regular meeting.



During our annual update in 2015, the team scrutinized and authorized the completion of three goals, specified above, that had met the criteria outlined in the plan. The team also recommended the addition of two goals along with their related objectives. These new goals are strategically important for our Department's future and will help us to keep our focus on the target of exceptional customer service. The two new goals are:

7. Patient Transport
8. Volunteer Program

With the ever increasing demand for service and the continued financial pressures of rising costs, your Fire Department is working collaboratively to adjust. Gone are the days of being reactive to the external environment and economic forces that surround us. This Strategic Plan is our roadmap that guides us to our vision of the future.

On the next page, you will find a "Strategic Plan Scorecard". It provides a quick glance at our progress and who is responsible for specific goals. Keep in mind that we just adopted two additional goals, and have just begun to make progress toward completing them.

EDHFD STRATEGIC PLAN SCORECARD

GOAL RESPONSIBILITY	GOALS			OBJECTIVES		
	Quantity	Complete	Percentage	Quantity	Complete	Percentage
Fire Chief	2	1	50.00%	10	6	60.00%
Deputy Chief Operations	2	0	0.00%	10	3	30.00%
Deputy Chief Administration	2	1	50.00%	13	10	76.92%
Line Staff	2	1	50.00%	10	6	60.00%
EDHFD Progress Total	8	3	37.50%	43	25	58.14%

Fire Chief: Inter-Agency Relations (5), International Accreditation (6)

Deputy Chief Operations: Training Program (3), Volunteer Program (8)

Deputy Chief Administration: Workforce (2), Emergency Communications (4)

Line Staff: Community Relations (1), Patient Transport (7)

To review the entire Strategic Plan, please visit www.edhfire.com. It is available under the “Our Services” tab, then select the “Documents and Forms” tab.





Calls for Service

Calls for Service

The El Dorado Hills Fire Department responds to all incidents including medical emergencies, fires, hazardous materials, technical rescues and public assistance. We continue to be an active partner in the “closest resource” response model in El Dorado County. We also provide automatic aid/mutual aid on a reciprocal agreement with our neighboring counties.

3,071 CALLS FOR SERVICE

Over the years, the population of our service area has increased and so has the request for service. In the year 2015, the El Dorado Hills Fire Department responded to a total of 3,071 calls for service. This is an increase of 7.5% from 2014.

\$8,300,000,000 ASSESSED VALUE PROTECTED

The Department protects \$8.3 billion dollars in assessed land and structure value, which is the highest value in all of El Dorado County. In 2015, the Department responded to 118 fire incidents that resulted in a dollar loss of \$3,515,821 and a dollar saved of \$15,360,619 which equates to a total ***percentage saved of 81.3%***. This savings can be attributed to the Department’s high level of training and commitment to provide exceptional levels of service.

45,000 ESTIMATED POPULATION PROTECTED DAILY

Through continued evaluation of our response plan, utilization of resources, and use of the latest technology, the men and women of the El Dorado Hills Fire Department will continue to serve the community with integrity and excellence.



Emergency Response Detail Analysis

FIRE INCIDENTS		
Incident Report System Codes	Category Description	# of Incidents
100	Fire, other	9
111, 123	Building fires	24
112	Fire in a structure other than a building	3
113	Cooking fires	4
114, 115, 116, 118, 120	Fires other than building or transportation	11
121	Mobile home used as a fixed residence	0
131	Passenger vehicle fire	13
122, 130, 132, 133, 134, 135, 136, 137, 138	Transportation fires other than vehicles	1
140, 141, 142, 143	All vegetation fires	35
150, 151, 152, 153, 154, 155	Rubbish and dumpster fires	9
160, 161, 162, 163, 164, 170, 171, 172, 173	Other outside fires	9
TOTAL FIRE INCIDENTS		118

OVERPRESSURE, RUPTURE & EXPLOSION INCIDENTS		
Incident Report System Codes	Category Description	# of Incidents
200, 210, 211, 220, 221, 223, 231	Steam, air, gas, or chemical rupture	2
240, 241, 243	Fireworks or bomb explosion (no fire)	0
251	Excessive heat, scorch with no ignition	1
TOTAL OVERPRESSURE, RUPTURE & EXPLOSION		3

EMS & RESCUE INCIDENTS		
Incident Report System Codes	Category Description	# of Incidents
300, 311, 320	Rescue, EMS incident, other	4
321, 321G	EMS Call, excluding vehicle accident	1101
321T	Trauma	235
321C	Cardiac	178
321R	Respiratory	91
321X	Transfers	132
322, 323, 324	Motor vehicle accidents	186
357	Extrication from machine	1
342, 360, 361, 363, 365	Water rescues	1
371	Electrocution	0
321N	EMS call, cancelled at scene	54
381	EMS standby	3
TOTAL EMS & RESCUE INCIDENTS		1986

HAZARDOUS CONDITION (No Fire)		
Incident Report System Codes	Category Description	# of Incidents
400	Other	4
410, 411, 412, 413	Flammable liquids and gas spills	16
420, 421, 422, 423	Toxic and chemical spills	1
424	Carbon monoxide calls	0
440, 441, 442, 443, 444, 445	Electrical hazards	10
451	Biological hazards	0
460, 461, 462, 463, 471, 480, 481, 482	Building/vehicle and other hazards	7
TOTAL HAZARDOUS CONDITIONS		0

SERVICE CALLS		
Incident Report System Codes	Category Description	# of Incidents
500	Service calls	28
510, 511, 512	Distress, lock-outs, jewelry remove	92
520, 521, 522	Water incidents	10
531	Smoke removal	14
540, 541, 542	Animal problems	170
550, 553, 554	Public assists	119
551, 552	Law assists	8
555, 561, 571	Elevator, unauthorized burning, standby	48
TOTAL SERVICE CALLS		489

GOOD INTENT INCIDENTS		
Incident Report System Codes	Category Description	# of Incidents
600	Other	18
611, 621, 622	Cancelled enroute, wrong location	242
631, 632, 641, 650, 651, 652, 653	Fire, smoke, odor	19
661	EMS (PT self-transport)	2
671, 672	Haz-mat, biological investigation	2
TOTAL GOOD INTENT INCIDENTS		283

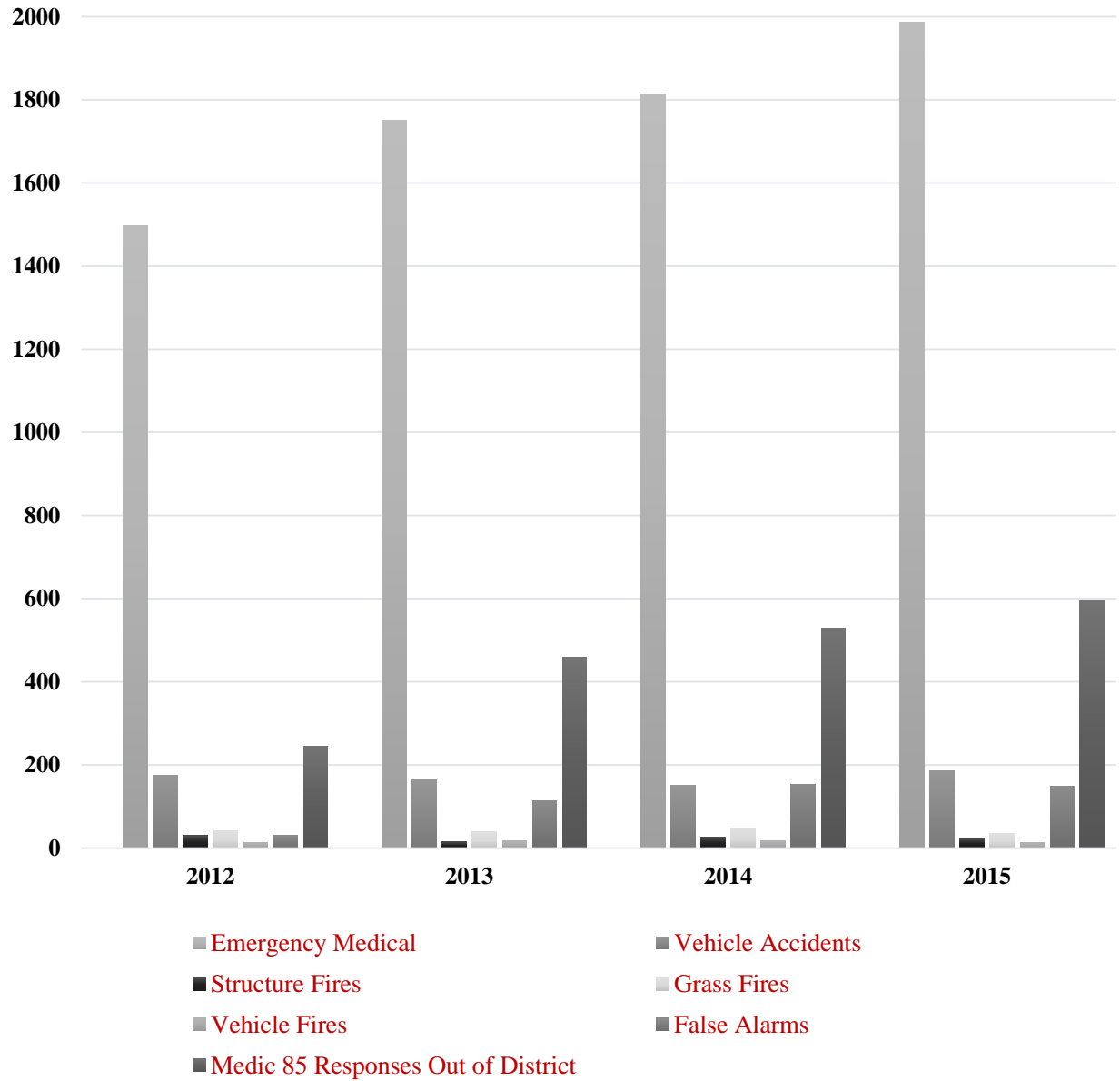
FALSE ALARMS		
Incident Report System Codes	Category Description	# of Incidents
700	Other	39
730, 731, 732, 733, 734, 735, 736, 740, 743, 744, 745, 746	System/device malfunction	108
741, 742, 751	Sprinkler/extinguisher system activation	3
TOTAL FALSE ALARMS		150

SEVERE WEATHER		
800	Other	1
812	Flood	0
813	Wind	2
TOTAL SEVERE WEATHER		3

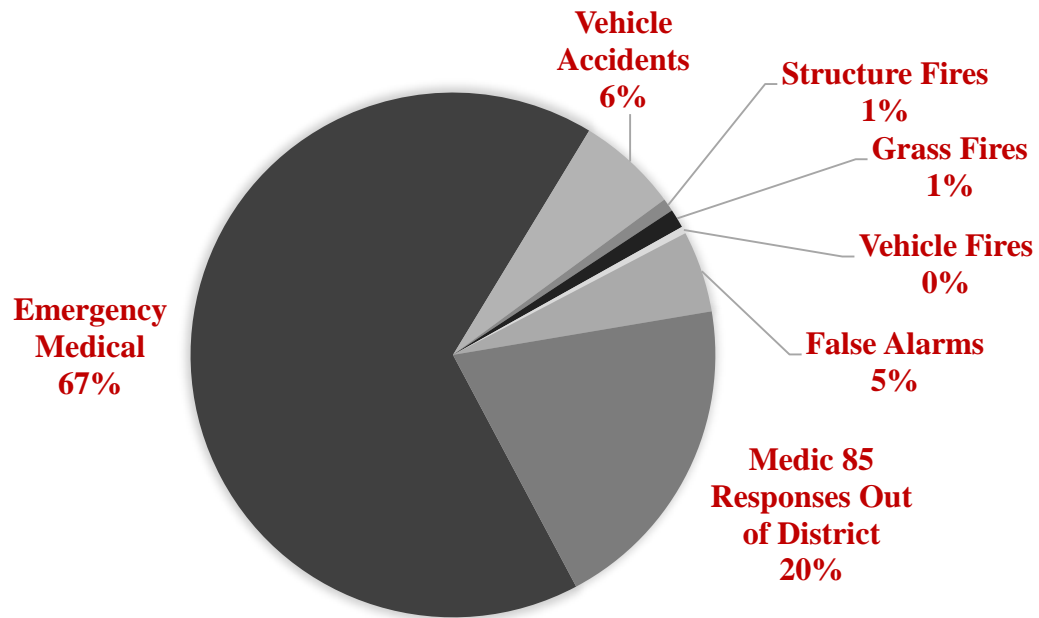
SPECIAL INCIDENT TYPES		
Incident Report System Codes	Category Description	# of Incidents
900	Special type of incident, other	1
SPECIAL INCIDENT TYPES		1

TOTAL INCIDENTS: 3,071

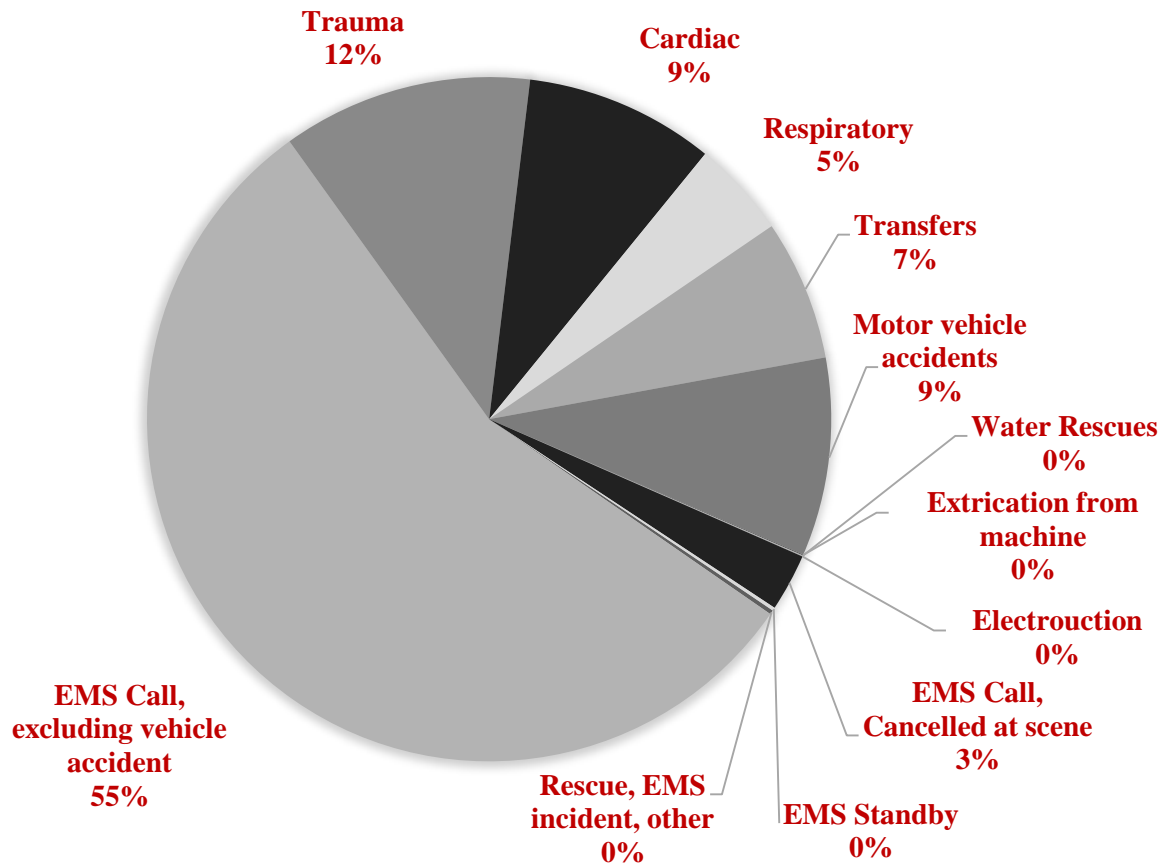
TYPE OF INCIDENTS BY YEAR



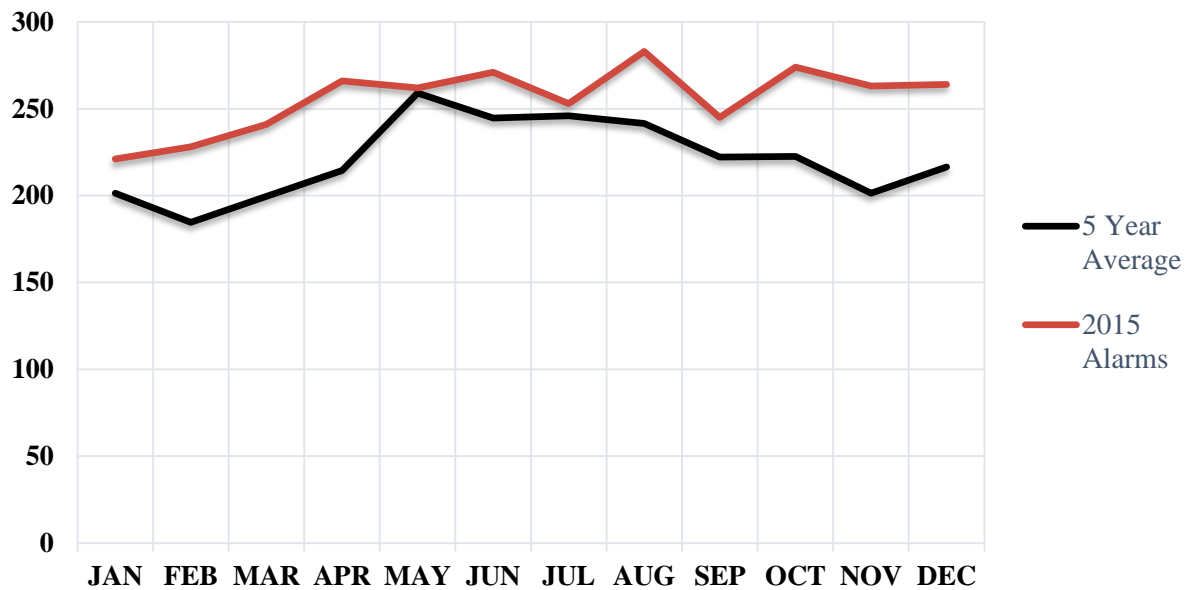
PERCENTAGE OF ALARMS



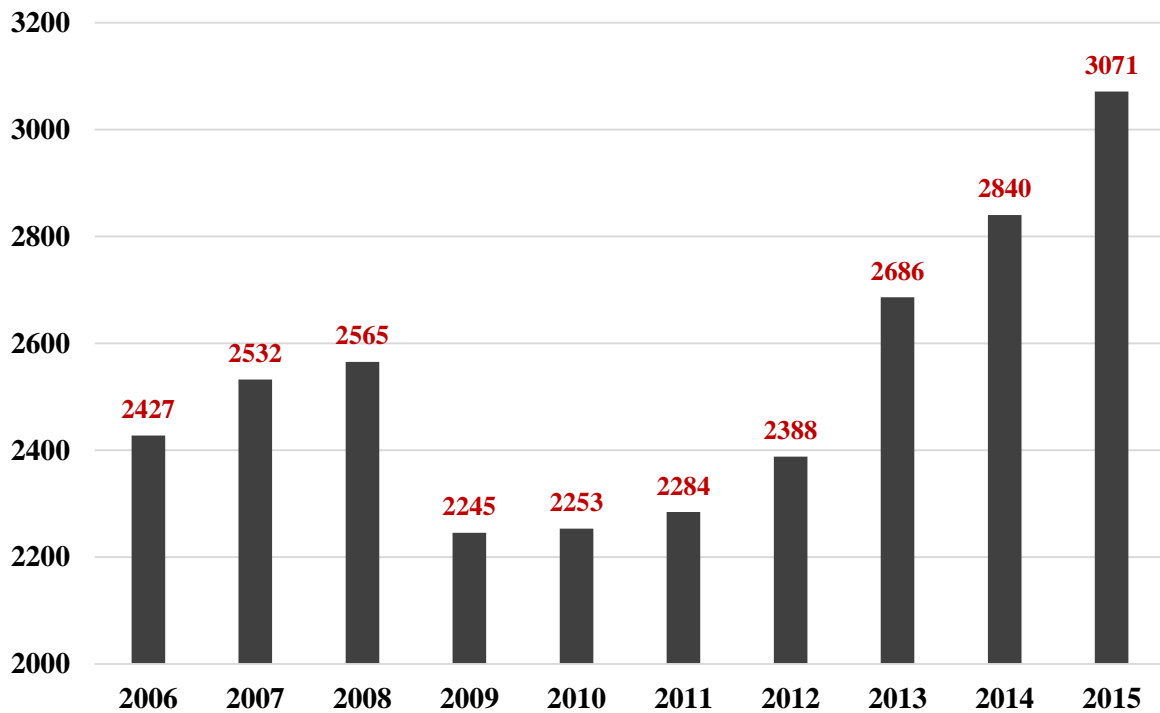
MEDICAL AID ALARMS



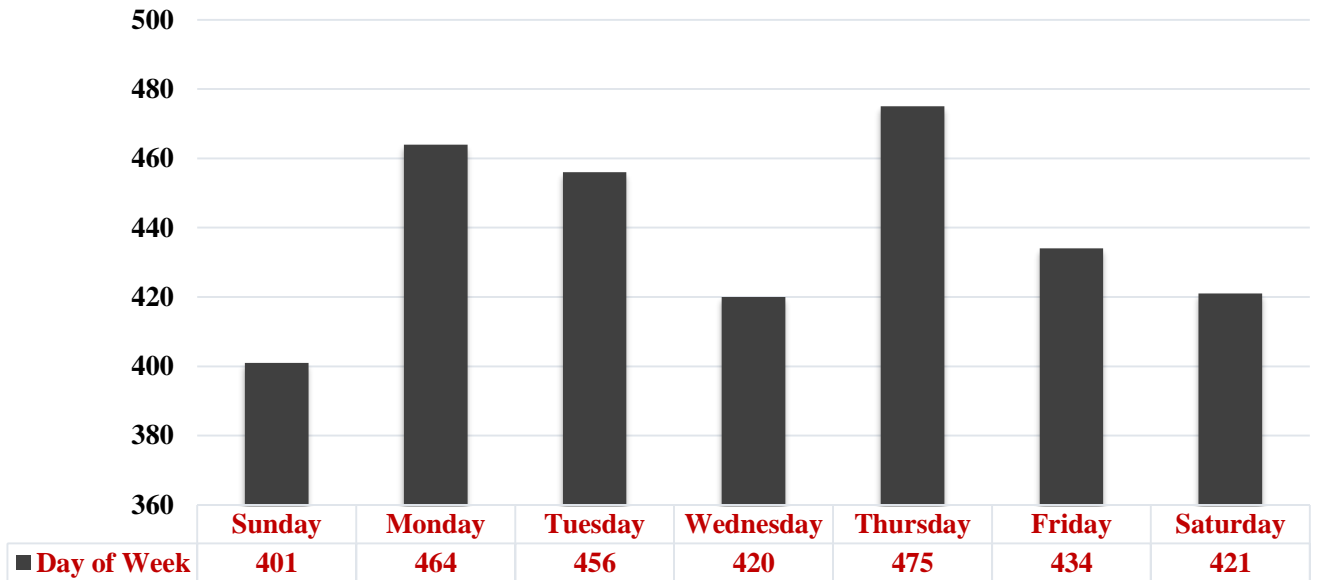
ALARMS PER MONTH



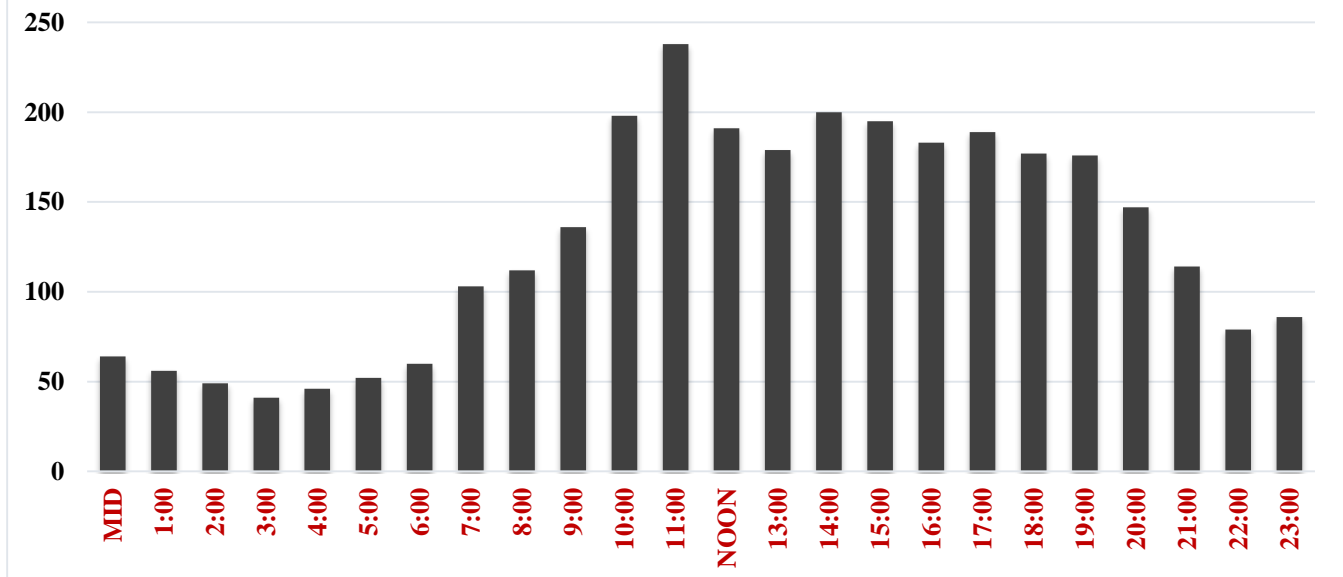
ALARMS PER YEAR



ALARMS PER DAY



RESPONSES BY TIME OF DAY



VOLUNTEER ALARM RESPONSES

Last Name	First Name	Calls
Alaimo	Brett	4
Avery*	Tyler	10
Baughman**	Gregory	0
Boeker	Bobby	38
Bolognini*	David	0
Braddock**	Jerome	1
Cowin**	Brian	1
Domashuk*	Roman	0
Estrada**	Andrew	1
Franzen**	Michael	0
Goddard**	Kevin	1
Hail	William	10
Hassler	Michael	0
Hustrei*	Branden	14
Koppert**	James	1
Mattson**	Kyle	2
McCarthy**	Sean	2
Montalvo	Joseph	7
Murray +	Marc	19
Murray	Logan	3
Neptune**	Zachary	5
Neu	Johannes	24
Pagala**	Jonah	1
Payne**	Austin	0
Phillips	Ray	6

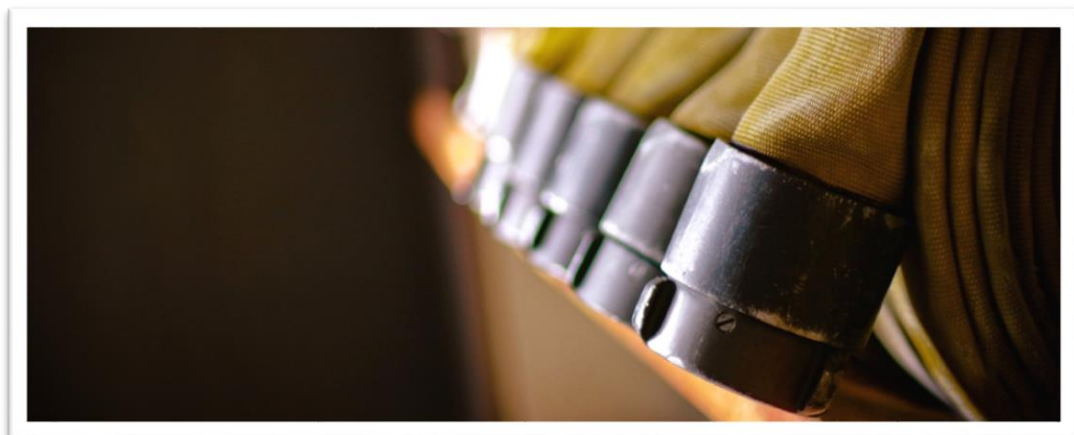
Last Name	First Name	Calls
Polson	John	1
Roberts	Eric	39
Roppolo	Mike	119
Schlange#	Kevin	59
Spruitenburg*	Travis	8
Stephens	Kelly	4
Stinson**	CJ	0
Tarry*	Nathan	22
Thalhamer	Todd	9
Tucker*	Kyle	30
Vail	Scott	49
VanDalen#	John	2
Verseput	Justin	5
Webb**	Darrin	4
Woo*	Austin	15
Total Responses		366

Hired by Department

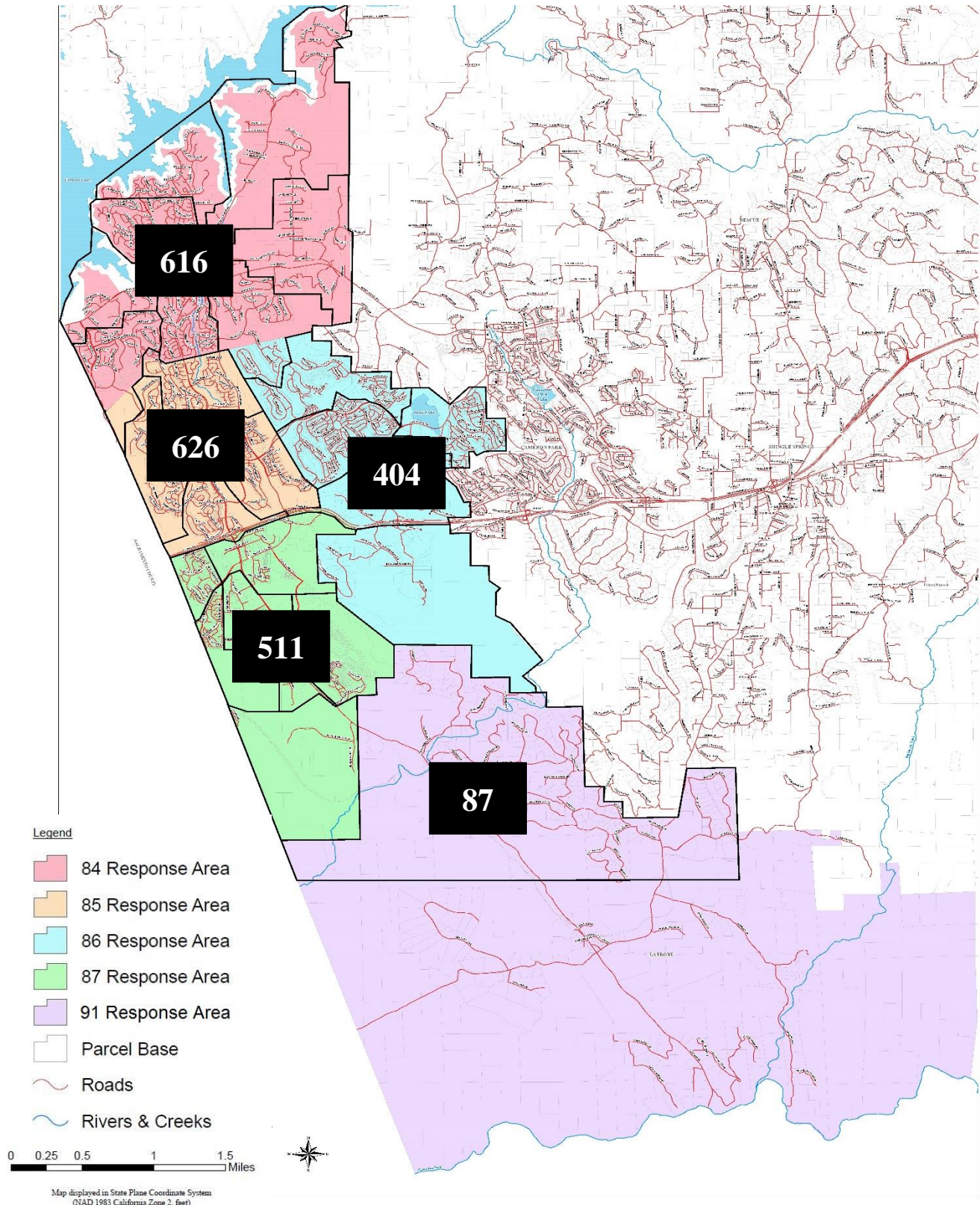
* Less than 6 months w/ Department

**No longer w/ Department

+ Water Tender Operator Only



2015 INCIDENTS BY RESPONSE ZONE





Training & Emergency Services

Training & Emergency Services

The mission of the El Dorado Hills Fire Department Training Division is to provide the highest level of training for emergency and non-emergency services to the members of the Fire Department. This will ensure that our commitment to the community is met and our commitment to our personnel is fulfilled. This mission aligns with our Department mission statement: "We, the El Dorado Hills Fire Department, exist to serve and protect the Community through emergency management."

The Training Division has committed to maintaining a high skill level of Department personnel and is committed to meeting industry standards for training. For example, the ISO (Insurance Service Office) industry standard requires twenty hours of fire based training per month. This is accomplished through single engine company and multi-company drills encompassing everything from hose evolutions and vehicle extrication to wildland fire drills. The division is also focusing on continuous medical training for the crews so they are current on new concepts and techniques.

Training is generated and assigned by the Shift Battalion Chief with oversight from the Deputy Chief. It is the Captains' responsibility to complete the training with their crews. The Training Division provides a global training calendar for the year to give the crews an idea of the scheduled training to come. Each month, a detailed list with instructions is assigned with specific training objectives. This schedule ensures the division is meeting the industry standards for training while meeting the crews' personal training needs.

With Shift Battalion Chiefs in place facilitating the training, the crews have stated that there is a more consistent level of training while maintaining the highest level of competency for the community.

2015 Highlights

- Ventilation Training flat and pitched roof
- Firefighter Test Training
- Dynamic Water Rescue Drill Countywide
- MCI Drill Countywide
- Annual Wildland Refresher RT130 Training along with wildland safety and fitness
- Spring Exercise with Cal Fire
- Water Tender Training and Familiarization
- Confined Space Drill
- Firefighter Survival/CPR
- Forcible Entry
- Hazardous Materials Refresher
- Enhancement of Volunteer Program through paramedic internship and County accreditations
- Assisted in the "P.A.R.T.Y" Prevent Alcohol Related Trauma in Youth Program through Oak Ridge High School
- Monthly Target Hazard Tours for all shifts
- Monthly S.O.P. Evolution Training for all shifts
- Bi-monthly Volunteer Training of all skill dimensions
- Continual ICS/NIMS Refresher and Compliance Training

CAREER TRAINING HOURS

Last	First	Total Training Hrs.
Ali	Mark	272.9
Anselmo	Thomas	242.0
Austerman	Rob	450.1
Bair	Connie	6.5
Baldwin	Jacob	233.8
Bates	Sean	175.5
Beckett	Matthew	193.0
Belleci	Matthew	293.5
Bennett	Ryan	186.9
Bichel	Todd	217.3
Bohanan	Lucas	227.8
Braddock	Jessica	243.0
Brady	David	152.9
Bresnahan	Brian	171.5
Burroughs	Christina	247.8
Burvant	Lantz	338.1
Colgan*	Matthew	386.3
Cope	David	224.9
Cowles	Benjamin	541.7
Cox	Marshall	306.0
Cramer	Kristin	53.0
Cummins	Jeffrey	213.3
Eckhardt	Mathew	254.8
Ferlini	Hank	207.5
Ferry	Bryan	320.4
Gregory	Adam	156.8
Gygax	Michael	248.3
Hasemeier	Russell	251.8
Hathaway	Ryan	253.7
Haydt*	Eric	141.4
Hemstalk	Dale	373.1
Inzerillo*	Jeno	0
Johnston	John	165.8
Jukes*	Mark	250.0
Karnow	Robert	101.3
Keating	Thomas	11.5
Landry	Christopher	341.0
LeBlanc	Michael	213.3
Leduc	Brian	299.5
Lilienthal	Mike	145.5
Lorence	Don	118.2
Lovinger	Michael	209.1

Last	First	Total Training Hrs.
Lowe	Brian	252.0
MacKenzie	Michael	244.6
MacKenzie	Robyn	168.1
Mason	LisaMarie	356.8
Merino	David	109.0
Merlo	Shannon	2.3
Minnich	Stacy	162.1
Moreno	Antonio	163.3
Morgan	Murray	251.6
Nelson	Daniel	530.3
Orr	Allan	3.8
Owens	Kasey	343.3
Parrish	Stephanie	139.0
Parsons	Travis	35.0
Roberts	Dave	142.0
Sanders	Sandy	2.3
Selling	Megan	139.6
Skubal	Dan	92.0
Smith	Jason	301.8
Soekland*	Laurel	77.5
Sommercamp	James	275.1
Sprinkel*	Claude	13.0
Stiern	Carmen	282.3
Storz	Chris	307.3
Vandalen	John	221.1
Ward	Dave	277.7
Ward	Sean	245.8
Warren	Brenton	304.4
Wesson	Phillip	207.3
Wilkey	Brian	314.2
Zarback	Thomas	206.3
Zellhoefer	Jon	393.9
Total Hours for All Personnel		16,005.2
Average Hours for All Personnel		216.3
Total Hours for Safety Only		14,758.5
Average Hours for Safety Only		238

*Personnel who departed EDHFD in 2015
(Totals do not include gym time)

VOLUNTEER TRAINING HOURS

Last	First	Total Drill Hrs.	Total Training Hrs.
Alaimo	Brett	59.5	65.9
Avery*	Tyler	53.8	138.0
Baughman**	Gregory	0.0	0.0
Boeker	Bobby	58.0	105.0
Bolognini*	David	4.0	9.3
Braddock**	Jerome	11.5	23.5
Cowin**	Brian	3.0	13.3
Domashuk*	Roman	36.5	147.0
Estrada**	Andrew	3.0	6.8
Franzen**	Michael	0.0	3.9
Goddard**	Kevin	0.0	0.0
Hail	William	28.5	40.9
Hassler	Michael	0.0	5.2
Hustrei*	Branden	44.0	72.7
Koppert**	James	38.5	50.3
Mattson**	Kyle	5.0	5.0
McCarthy**	Sean	5.0	5.0
Montalvo	Joseph	33.0	37.6
Murray +	Marc	48.8	63.6
Murray	Logan	39.8	49.2
Neptune**	Zachary	39.8	45.1
Neu	Johannes	36.3	105.0
Pagala**	Jonah	30.0	42.2
Payne**	Austin	23.0	29.3
Phillips	Ray	35.3	112.0
Polson	John	3.0	10.0

Last	First	Total Drill Hrs.	Total Training Hrs.
Roberts	Eric	126.0	239.0
Roppolo	Mike	86.3	220.0
Schlange#	Kevin	42.3	125.3
Spruitenburg*	Travis	38.5	58.7
Stephens	Kelly	34.5	62.3
Stinson**	CJ	0.0	0.0
Tarry*	Nathan	45.0	214.0
Thalhamer	Todd	7.5	19.6
Tucker*	Kyle	38.0	105.0
Vail	Scott	78.5	104.0
VanDalen#	John	31.5	84.1
Verseput	Justin	60.0	70.8
Webb**	Darrin	21.5	21.5
Woo*	Austin	43.0	133.0
Total Training Hours		1291.50	2643.00
Average Hours per Person		32.29	66.08

Hired by Department

* Less than 6 months w/ Department

**No longer w/ Department

+ Water Tender Operator Only

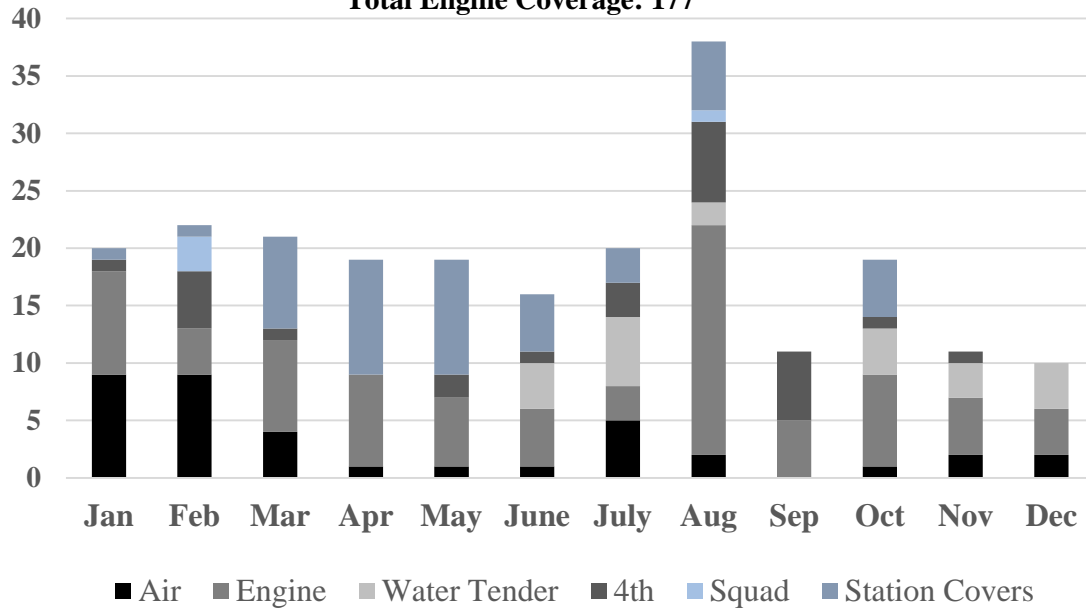
Volunteer with the Most Training Hours

(Totals do not include Ride Along hours or gym time)



VOLUNTEER ENGINE COVERAGE

Total Engine Coverage: 177



In 2015, there were 177 times that engines were staffed by Volunteer Personnel; there was a total of 49 Station Covers which is classified by response without a qualified driver.



Honor Guard

The El Dorado Hills Honor Guard was established in 2004 and is comprised of dedicated professionals that thrive on representing the El Dorado Hills Fire Department to the highest standards. To ensure the guard is professional and well versed at what we do, we have completed approximately 200 hours of training in 2015. We performed at approximately 10 events ranging from Veterans Day Color Posting at the Moni Gilmore Senior Center, changing the Color at the annual Bertelsen Memorial, to the retirement ceremony for the Chief Financial Officer, Connie Bair.

In 2015, we consisted of thirteen members including the addition of Firefighter/Paramedic II, Brian Leduc. Brian will be securing his weeklong formal training in Indiana in September 2016.

Appreciation is given to Deputy Commanders Mike Gygax and Russ Hasemeier for their service in 2015, as they coordinated most of the events while one of our guard members suffered a family loss.

We look forward to continuing our service of honoring the fallen, honoring our colors, and representing the El Dorado Hills Fire Department in the highest of standards.

Matt Beckett
Honor Guard Commander



Pipes & Drums



The El Dorado Hills Firefighters Pipes and Drums was formed in 2011 by 9 members of El Dorado Hills Fire Department. The inception of the band was created out of a desire to honor the rich tradition of culture in the fire service. The tradition of bagpipes played at fire and police service member funerals in the United States goes back over one hundred fifty years. When the Irish and Scottish immigrated to this country, they brought many of their traditions with them. One of these was the Great Highland Bagpipe, often played at Celtic weddings, funerals and ceilis (dances).

It wasn't until the great potato famine and massive Irish immigration to the East Coast of the United States that the tradition of the bagpipes really took hold in the fire department. In the 1800's, Irish immigrants faced massive discrimination. Factories and shops had signs reading "NINA" - No Irish Need Apply. The only jobs they could get were the ones no one else wanted: jobs that were dirty, dangerous, or both, so many times they became firefighters and police officers. It was not an uncommon event to have several firefighters killed at a working fire. The Irish firefighters' funerals were typical of all Irish funerals so the pipes were played. It was somehow okay for a hardened firefighter to cry at the sound of bagpipes when his dignity would not let him weep for a fallen comrade.

Those who have attended a funeral where bagpipes were played know how haunting and mournful the sound of the pipes can be. The most famous song played at fire and police funerals is Amazing Grace. It wasn't too long before families and friends of non-Irish firefighters began asking for the bagpipes to be played for fallen heroes. The bagpipes add a special air and dignity to this solemn occasion.

Bagpipe bands represent both fire and police and often have more than 60 uniformed members. They are also traditionally known as Emerald Societies named after Ireland, the Emerald Isle. Many bands wear traditional Scottish dress while others wear the simpler Irish uniform. All members wear the kilt and tunic, whether it is a Scottish clan tartan or Irish single color kilt.

Today, the tradition is universal and not just for the Irish or Scottish. The bagpipes have become a distinguishing feature of a fallen hero's funeral. The El Dorado Hills Firefighters' Pipes and Drums have chosen a Celtic saying as our motto, "Ne Oublie", which translates to "never forget". Our goals as a band are to honor those who have served first and foremost through funeral performances, as well as retirements, etc. We also perform for community events such as parades, youth sports, dedications, and holiday celebrations. This year was a busy year for the EDHFFP&P with retirement ceremonies, funerals, memorials, etc. Each member practices a minimum of 480 hours a year to hone the craft of bagpiping or drumming with most practicing double that! We look forward to another year of performing.

Ne Oublie,

Brian Wilkey, Band President EDHFFP&P



Fire Prevention and Safety



Fire Prevention

The Fire Prevention Bureau continues to experience a high demand for prevention services with an increase in plan reviews, new construction, inspections, business license applications, tenant improvements, planned developments, and public education.

With the department restructuring, Marshall Cox was promoted to Fire Marshal in December 2015, replacing Chief Michael Lilienthal, who was promoted to Deputy Chief of Operations. Fire Prevention Specialist, Dan Skubal, was also hired in December 2015. Dan was selected due to his extensive knowledge of code enforcement, inspections and involvement with plan review. Dan has a family background in fire, he has been working in Prevention for over 14 years at various Fire Departments throughout California and is now working directly for Fire Marshal Cox. We look forward to Dan becoming an integral part of the Prevention team and welcome him to our Fire Department family.

The Lakehills Fire Safe Council has been actively pursuing fuel reduction projects which include a shaded fuel break along Folsom Lake, completing a Community Wildfire Protection Plan, becoming a Firewise Community, and actively recruiting Southpointe and Lakeridge Oaks to join the Fire Safe Council. The work of the Lakehills Fire Safe Council and its dedicated leadership team deserves special acknowledgement.

The Fire Prevention Bureau has seen a steady increase in applications for building permits as shown below:

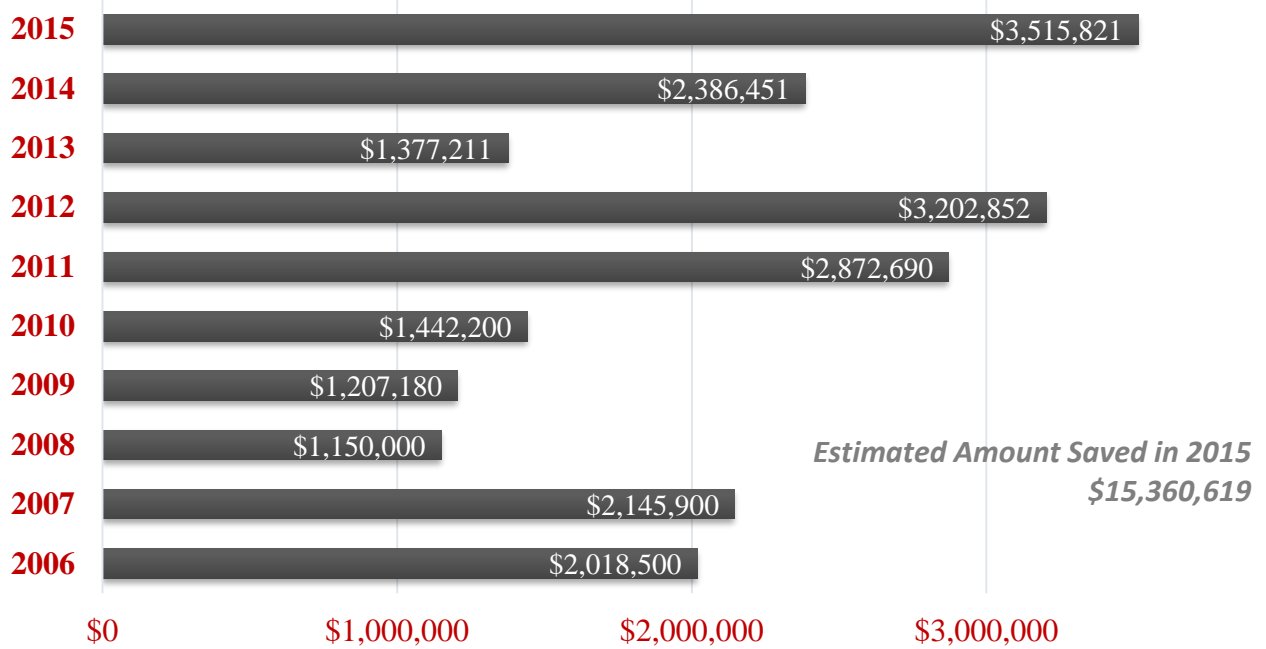
	<u>EDH 2014</u>	<u>EDH 2015</u>	<u>Latrobe 2014</u>	<u>Latrobe 2015</u>
Building Permits for Expanded Homes	50	28	16	5
Custom Homes	44	60	13	6
Production Homes	185	423	0	0
Commercial Structures	17	13	8	0
Replacement Buildings	3	7	1	1
Solar Arrays	16	6	0	0
Tenant Improvements	58	52	3	1
New Sq. Ft. Buildings added	1,210,898	1,934,738	92,852	25,095
TI / Remodel Sq. Ft. Added	35,601	100,655	0	1,000
Development Fees Collected	\$1,404,167	\$2,244,296	\$78,019	\$28,306
Plan Fees Received	\$26,468	\$23,581	\$0	\$0

The anticipated construction of the El Dorado Hills Retirement Residence has begun and has started to take shape. The Town Center El Dorado Hills Apartments and the many new residential subdivisions that are actively moving through the various Prevention Bureau processes will lead to a very demanding 2016.

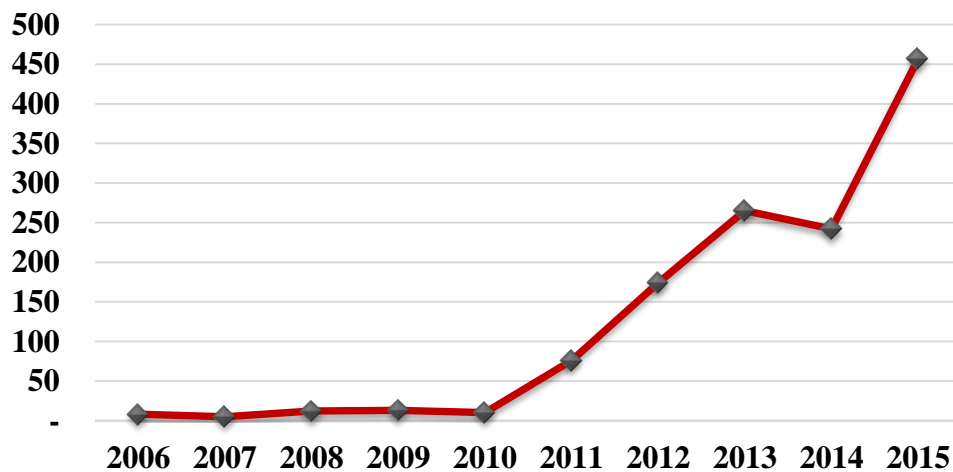
It is important for those that reside and work in El Dorado Hills to know that the Prevention Bureau is committed to ensuring their safety. Fire prevention and safety is a team effort between the Fire Prevention Bureau, Firefighters, Volunteers and the community. We remain dedicated to working together to protect life and property for all.

ANNUAL FIRE LOSS

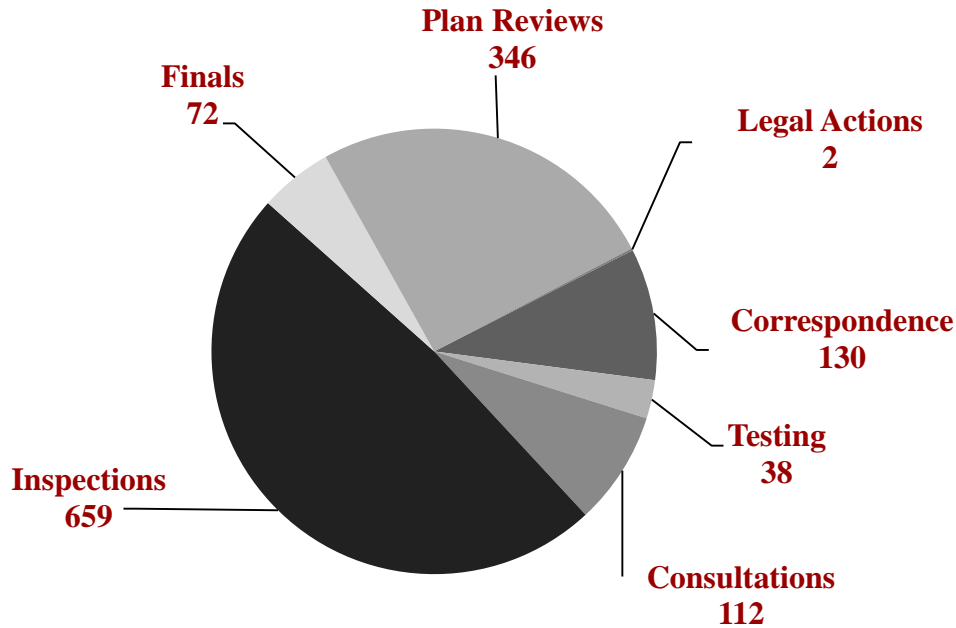
(Estimated Dollar Loss)



ANNUAL RESIDENTIAL FIRE SPRINKLERS



2015 FIRE PREVENTION ACTIVITIES



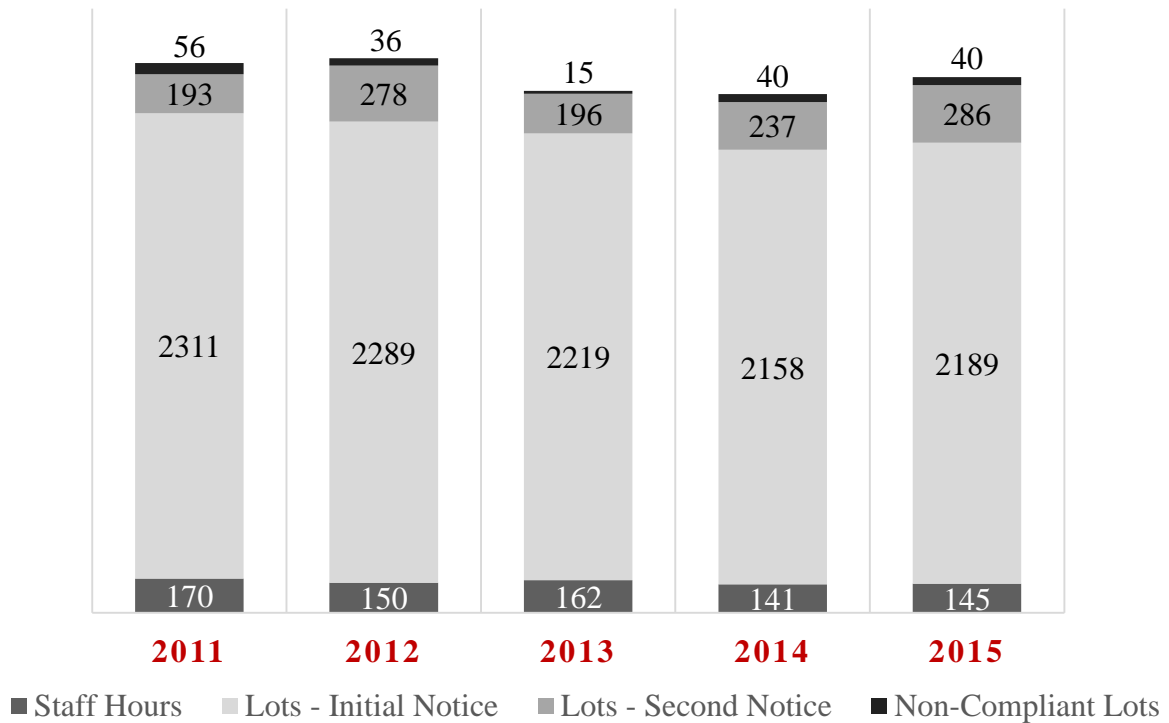
FIRE PREVENTION ACTIVITIES OVERVIEW

Activity	Description	2012	2013	2014	2015
Correspondence	Business License Applications, Fire Flow, etc.	22	68	114	130
Testing	Commercial Hood, Electric Gate, Fire Alarm, Sprinkler, Private Fire Line, etc.	27	34	9	38
Consultations	Special Events, RCFE's, Sprinklers, Gates, etc.	22	48	97	112
Inspections	Fire Protection, Building, Construction, Knox Keys, Occupancy, etc.	581	540	605	659
Finals	Commercial/Residential Building Plans, Rural Water Storage, etc.	30	62	45	72
Plan Reviews	Fire Alarm, Fire Sprinkler, Tenant Improvement, etc.	96	176	176	346
Legal Actions*	Pre-citation letters, etc.	n/a	n/a	n/a	2

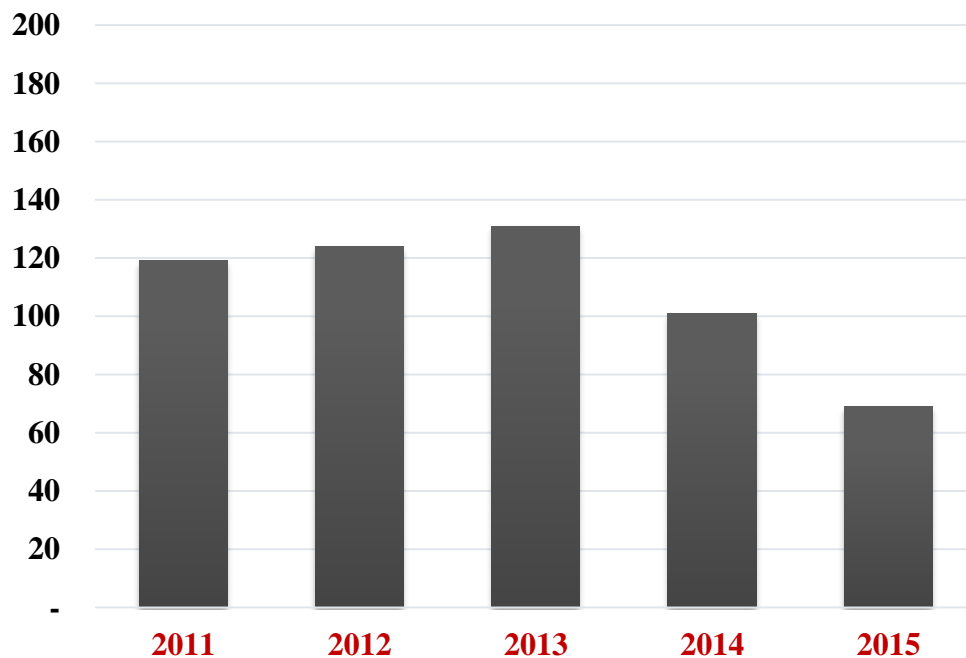
*Legal Action data is unavailable for previous years.

TOTAL **778** **928** **1046** **1359**

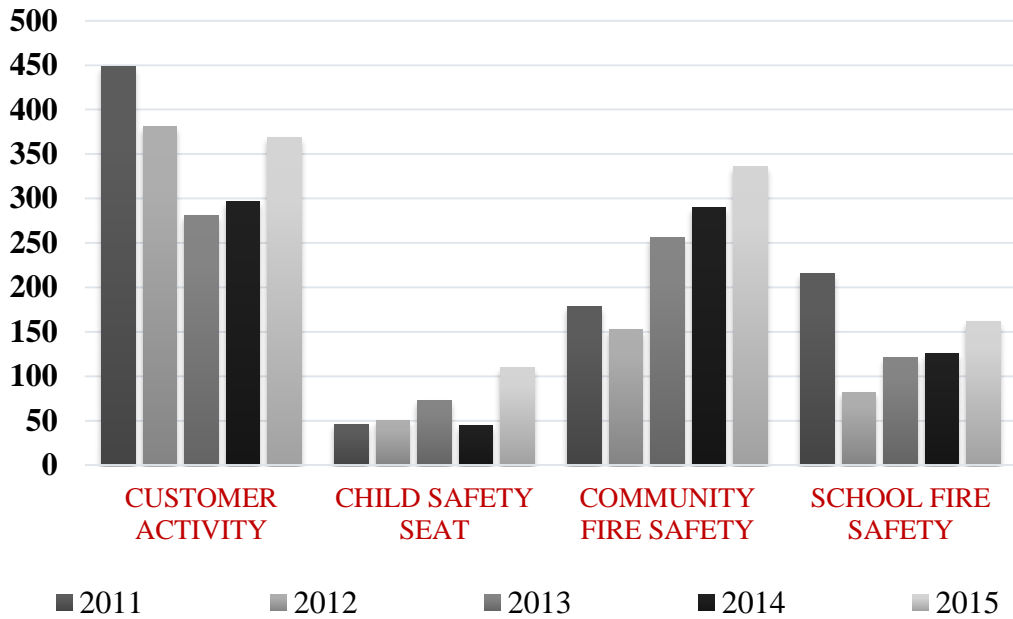
VACANT LOT PROGRAM



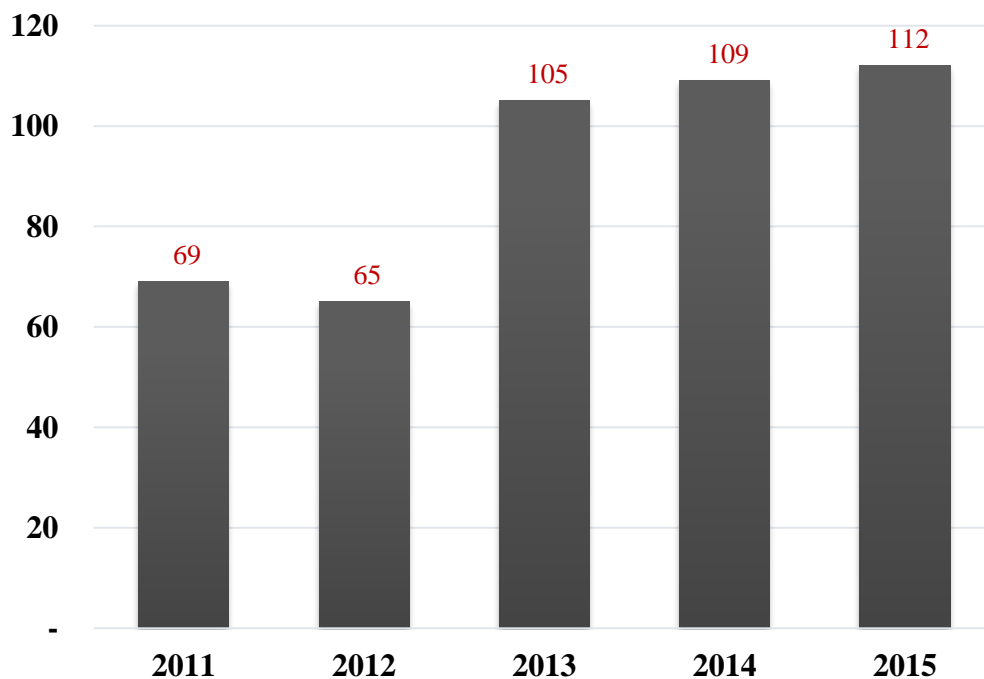
HAZARD REDUCTION PROGRAM INSPECTIONS



PUBLIC EDUCATION PROGRAMS STAFF HOURS



FIRE STATION TOURS





Apparatus

APPARATUS DESCRIPTION

UNIT #	YEAR -CHASSIS MFG –TYPE	HOSE LOADS	TANK & PUMP CAPACITY	ALARM RESPONSE MILEAGE
8560	1995 International	500' 3"	500 Gallons Water	Wildland Fires
E-392	West-Mark	150' 1 ¾"	500 G.P.M.	47,000 Miles
	4x4 Type-3 Engine	1500' 1 ½"	Darley Pump	
		800' 1"	20 Gallons Foam-A	

8562	2004 International	500' 3"	500 Gallons Water	Wildland Fires
E-387	West-Mark	150' 1 ¾"	500 G.P.M.	*Cross staffed summer
	4x4 Type-3 Engine	1500' 1 ½"	Darley Pump	38,000 Miles
		800' 1"	20 Gallons Foam-A	

8563	2007 International	500' 3"	500 Gallons Water	Wildland Fires
E-386	West-Mark	150' 1 ¾"	500 G.P.M.	*Cross staffed summer
	4x4 Type-3 Engine	1500' 1 ½"	Darley Pump	Mutual Aid Engine
		800' 1"	20 Gallons Foam-A	25,000 Miles

8570	2003 Spartan	700' 5"	500 Gallons Water	Reserve/Volunteers
E-285	Ferrara	500' 3"	1500 G.P.M.	83,000 Miles
	Class "A" Pumper	100' 2 ½"	Waterous Pump	
	Type 1 Engine	600' 1 ¾"	20 Gallons Foam-A	
		900' 1 ½"	20 Gallons Foam-B	
		600' 1"		

8571	1996 HME	1000' 5"	600 Gallons Water	All Alarms
E-85	Hi-Tech	500' 3"	1500 G.P.M.	*Cross staffed summer w/ T85
	Class "A" Pumper	100' 2 ½"	Waterous Pump	76,000 Miles
	Type 1 Engine	550' 1 ¾"	20 Gallons Foam-A	
		900' 1 ½"	20 Gallons Foam-B	

8572	1999 HME	700' 5"	500 Gallons Water	Reserve / Volunteers
E-286	Westates	500' 3"	1000 G.P.M	68,000 Miles
	Class "A" Pumper	100' 2 ½"	Waterous Pump	
	Type 1 Engine	600' 1 ¾"	20 Gallons Foam-A	
		900' 1 ½"	20 Gallons Foam-B	
		600' 1"		

UNIT #	YEAR -CHASSIS MFG –TYPE	HOSE LOADS	TANK & PUMP CAPACITY	ALARM RESPONSE MILEAGE
8574	2007 Spartan	700' 5"	500 Gallons Water	All Alarms Winter
E-86	Ferrara	500' 3"	1500 G.P.M.	*cross staffed summer
	Class "A" Pumper	100' 2 ½"	Waterous Pump	Mutual Aid Engine
	Type 1 Engine	600' 1 ¾"	20 Gallons Foam-A	52,000 Miles
		900' 1 ½"		
		600' 1"		

8576	2010 Igniter/Ferrara	700' 5"	500 Gallons Water	All Alarms Winter
E-87	Ferrara	500' 3"	1500 G.P.M.	*Cross staffed summer
	Class "A" Pumper	100' 2 ½"	Waterous Pump	39,000 Miles
	Type 1 Engine	600' 1 ¾"	20 Gallons Foam-A	
		900' 1 ½"	20 Gallons Foam-B	
		600' 1"		

8577	2013 KME	700' 5"	500 Gallons Water	All Alarms
E-84	Class "A" Pumper	500' 3"	1500 G.P.M.	17,000 Miles
	Type 1 Engine	100' 2 ½"	Waterous Pump	
		600' 1 ¾"	20 Gallons Foam-A	
		900' 1 ½"		
		600' 1"		

8580	2009 International	500' 3"	2000 Gallons Water	Structure Fires
WT-91	Rosenbauer	200' 1 ½"	500 G.P.M.	Wildland Fires
	Water Tender	20' 4"	20 Gallons Foam-A	10,000 Miles

8581	2009 Kenworth	500' 3"	2000 Gallons Water	Structure Fires
WT-92	T-300	200' 1 ½"	250 G.P.M.	Wildland Fires
	Water Tender	20' 4"	20 Gallons Foam-A	7,000 Miles
8590	2012 Sutphen	200' 5"	300 Gallons Water	All Structure Fire &
T-85	100' Aerial Platform	300' 3"	1500 G.P.M.	Vehicle Accidents
	Quint	100' 2 ½"	Hale Pump	28,000 Miles
		500' 1 ¾"		

8551	2002 International		SCBA Compressor	Structure Fire Support
Air-85	Hackney	N/A	Light Tower	18,000 Miles
	Air/Light Support			

UNIT #	YEAR -CHASSIS MFG –TYPE	HOSE LOADS	TANK & PUMP CAPACITY	ALARM RESPONSE MILEAGE
WR-84	4x4 Water Rescue	N/A		51,000 Miles

8553	2015 Ford F-550	400' 1 3/4"	400 Gallons Water	All Structure Fire &
P-91	4X4-Type-6 Patrol	600' 1 1/2"	170 G.P.M.	Vehicle Accidents
			12 Gallons Foam-A	14,000 Miles

JPA	2015 Ford F-550		Advanced	Medical Aids
M-85	Arrow	N/A	Life Support	Vehicle Accidents
	Ambulance			40,000 Miles

JPA	2004 Ford F-450		Advanced	Reserve Medic
M-285	Wheeled Coach	N/A	Life Support	162,000 Miles
	Ambulance			

OES	2003 Freightliner	500' 3"	2000 Gallons Water	Rural Area Support
WT-41	Westates	200' 1 1/2"	500 G.P.M.	Structure/Wildland Fires
	Water Tender	20' 4"	Waterous Pump	State of CA Mutual Aid
				31,000 Miles



UTILITY & STAFF VEHICLES

UNIT #	YEAR	MAKE/MODEL	VEHICLE DESCRIPTION	TYPE OF USE	MILEAGE
8531	2007	Ford F-150	Staff Vehicle	General use/Utility	65,000
8534	2015	Chevrolet Tahoe	Staff Vehicle	Duty Chief (new)	20,000
8535	2015	Chevrolet Tahoe	Staff Vehicle	Fire Chief (new)	10,000
8539	2005	Ford F-250	Pickup 4x4	Strike Team/Utility	74,928
8540	2005	Ford Expedition	Staff Vehicle	Prevention Officer	118,000
8541	2006	Ford F-250	Pickup 4x4	Strike Team/Utility	69,000
8542	1999	Ford F-350	Utility Bed	Prev. Trailer/Utility	76,000
8544	2003	Ford Expedition	Staff Vehicle	Fire Marshal	85,000
8546	2003	Ford Expedition	Staff Vehicle	Prevention Officer	127,000
8548	2003	Ford Expedition	Staff Vehicle	Strike Team/Utility	100,000
8549	2003	Ford Expedition	Staff Vehicle	Duty Chief (current)	127,000

