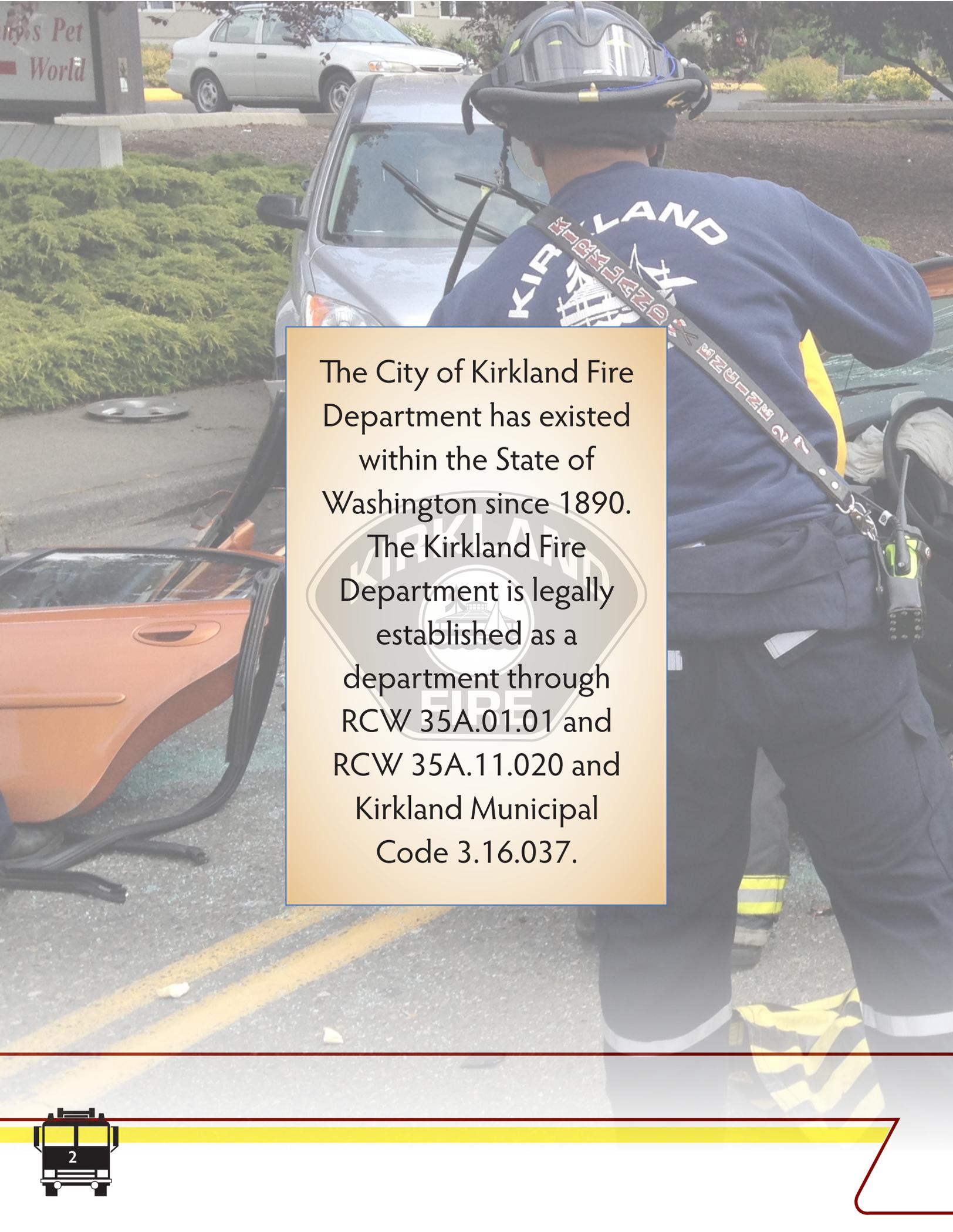




KIRKLAND FIRE DEPARTMENT 2015 ANNUAL REPORT





The City of Kirkland Fire Department has existed within the State of Washington since 1890.

The Kirkland Fire Department is legally established as a department through RCW 35A.01.01 and RCW 35A.11.020 and Kirkland Municipal Code 3.16.037.



TABLE OF CONTENTS

MESSAGE FROM THE CHIEF	4
VISION, MISSION, VALUES	4
DEPARTMENT INFORMATION	5-15
o Department Overview	5-8
o Major Incidents 2015.....	6-7
o City Overview	9
o Org Chart.....	10-11
o Station Map.....	12
o Budget.....	13-14
o Recognition and Service	15
EMERGENCY RESPONSE.....	16-30
o Operations Overview.....	18
o Training Overview	18-20
o Technical Rescue 2015	20-21
o EMS Overview.....	22-23
o Water Rescue.....	24
o PPE Program.....	24-25
o Total Call Log.....	26-27
o Response Time Goals and Objectives.....	28-29
o Advanced Life Support Response and NORCOM Data	30-31
o Plan of Action	32
COMMUNITY RISK REDUCTION (Fire Prevention Bureau)	33-35
OFFICE OF EMERGENCY MANAGEMENT (OEM)	36-37
CHAPLAINS REPORT	38
DEPARTMENT DIRECTORY.....	39



MESSAGE FROM THE CHIEF

For over 100 years, the courageous men and women of the Kirkland Fire Department have been working to provide emergency care to those who live, work and play here. Much has changed since the beginnings of the Fire Department, but the one thing that hasn't changed is our commitment to serve others.

Since 1890, we have had a singular mission: reduce the loss of life and minimize property damage for our residents. We strive to work wisely to that end, investing in technology and fire stations, recruiting and training a dedicated force of firefighters, and challenging ourselves to continued innovation in order to perform our duties in the best possible way.

Over the years, our citizens and elected leaders have also remained committed to making sure our fire engines, protective equipment, facilities and training are second to none. Our community is safer today because of the cumulative dedication and foresight of those who served before us. Today, 97 firefighters wear a patch on their shoulder that reminds them of the faith and trust that has been placed in our hands. It's a symbol of our commitment to excellence that we take very seriously....from our firefighters in Fire Stations to our administrative staff at City Hall and everywhere in-between.

This dedicated team works together to provide exemplary fire service—including Emergency Medical Services, Fire Suppression, Fire Investigation, Fire Prevention, Emergency Hazardous Materials Response, Emergency Preparedness, Technical Rescue Response and Water Rescue Response to the citizens of Kirkland. We will continue to apply our knowledge and resources to our common goal: saving lives and reducing property loss.

Thank you for the consistent support you've shown to us throughout the years. It is acknowledged and very much appreciated.

-Joseph Sanford, Interim Fire Chief, Kirkland Fire Department



VISION, MISSION, VALUES

VISION The Kirkland Fire Department is creating a safer community as a respected partner in our region and an innovative leader in the nation..

MISSION STATEMENT

OUR CITY * OUR PEOPLE * OUR DUTY
OUR COMMITMENT TO SERVE



VALUES

- **Supportive** – Working together as a team toward a common goal.
- **Professionalism** – Upholding industry standards and honoring the expectations of a professional firefighter both on and off the job.
- **Integrity** – Maintaining consistency between actions and words at all times.
- **Respect** – Treating others with understanding and compassion. Acknowledging there is strength in diversity.
- **Innovation** – Providing a supportive work environment that encourages and empowers improvement through creativity.
- **Trust** – Being fair, truthful, competent and honorable; Confident that the actions of others are fair, truthful, competent and honorable.



DEPARTMENT INFORMATION

OVERVIEW

History:

The City of Kirkland Fire Department has existed within the State of Washington since 1890.

The first paid fire chief was hired in 1928 and the first paid firefighters for the City were hired in 1970. Our fire chief is currently Interim Chief Joe Sanford. As director of the fire department, Chief Sanford oversees the offices of the Deputy Chief of Administration, the Deputy Chief of Operations, the City Emergency Manager and the Department Fiscal Manager.

The City of Kirkland Fire Department provided fire service to King County Fire Protection District #41 by a contract agreement (Kirkland Municipal Code 3.24.010) from November 1969 to June 2011. In 2011 the City of Kirkland annexed all of Fire District 41 and a small portion of Fire Districts 34 and 36.

Services Provided:

The services provided to the community by the Fire Department include:

- Fire and emergency medical response (all response personnel are certified EMTs)
- Rescue operations including vehicle extrication and technical rescues including confined space, trench, structural collapse, and rope rescue
- Special operations including urban-wildland interface firefighting and surface water rescue
- Automatic response to surrounding jurisdictions
- Fire Prevention and permits
- Fire Investigation
- City Emergency Management

The Regional services provided to the community in partnership with neighboring Fire Departments include:

- Emergency dispatch and 911 services provided by North East King County Regional Public Safety Communication Agency (NORCOM)
www.norcom.org
- Hazardous Materials Response provided to the community by the Eastside HazMat Team. The Kirkland Fire Department is a member of this team and has 8 response personnel trained to the technical response level
- Advanced life response + Medic response provided to Kirkland residents through a contract with the City of Redmond Fire Department. The medic program is part of the King County Medic One Program
- Training Division, part of the East Metro Training Group (EMTG). The EMTG is composed of the Bellevue, Kirkland, Northshore, Mercer Island and Redmond Fire Departments. Kirkland is one of the founding member agencies which make up this 500 plus member training group.



2015 MAJOR INCIDENTS

■ **March 14, 2015**
12700 block of NE 129 Court
Multi-Family Apartment Fire



■ **June 20, 2015**
9000 North Bound I-405
Hay Trailer Fire



■ **May 6, 2015**
12900 block NE 131 Street
Residential Structure Fire



■ **June 30, 2015**
14000 block of 81 Place NE
Residential Fire



■ **August 27, 2015**

14300 block of 124 Ave. NE
Apartment Complex Fire



■ **September 20, 2015**

12700 block of NE 129 Court
MVA Rescue



■ **September 26, 2015**

11400 block of 115 Lane NE
Town Homes Fire



■ **November 8, 2015**

7300 block of 120 Ave. NE
Residential Structure Fire



■ **November 30, 2015**

MVA Rescue



DEPARTMENT INFORMATION

OVERVIEW

Staffing Profile (2015)

Work Schedule

Emergency response staffing is done on a three shift platoon rotation. The schedule is a 48/96 rotation. Employees work 48 hours then are off 96 hours, working a total of a 48 hour work week.

Personnel

- Emergency response personnel – 90 Line personnel (not including Training, Admin or Prevention)
- Every day minimum on-duty strength – 19
- Prevention personnel – 5
- Training Officers – 2
- Emergency Medical Officer – 1
- Non-Uniformed (Civilian) personnel – 5
- City Emergency Management – 2
- Command staff – 3

Minimum Staffing for Emergency Response

- Engine company = 3 crew members
- Aid car = 2 EMT crew members
- Ladder company = 3 crew members
- Battalion Chief = 1

Minimum Fire Station Staffing

- Forbes Creek Station 21 = 3 crew members; 1 aid car, 1 engine
- Houghton Station 22 = 3 crew members; 1 aid car, 1 engine
- Finn Hill Station 24 was closed on December 2014. Plans for relocating station 24 are in progress
- Juanita Station 25 = 3 crew members; 1 aid car, 1 engine, 1 temporary firefighter
- Rose Hill Station 26 = 3 crew members; 1 Battalion Chief, 1 Battalion Aide Captain; 1 aid car, 1 engine, 1 Battalion Chief car
- Totem Lake Station 27 = 6 crew members; 2 aid cars, 1 engine, 1 ladder



CITY OVERVIEW

KIRKLAND

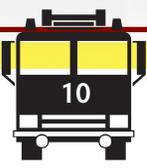
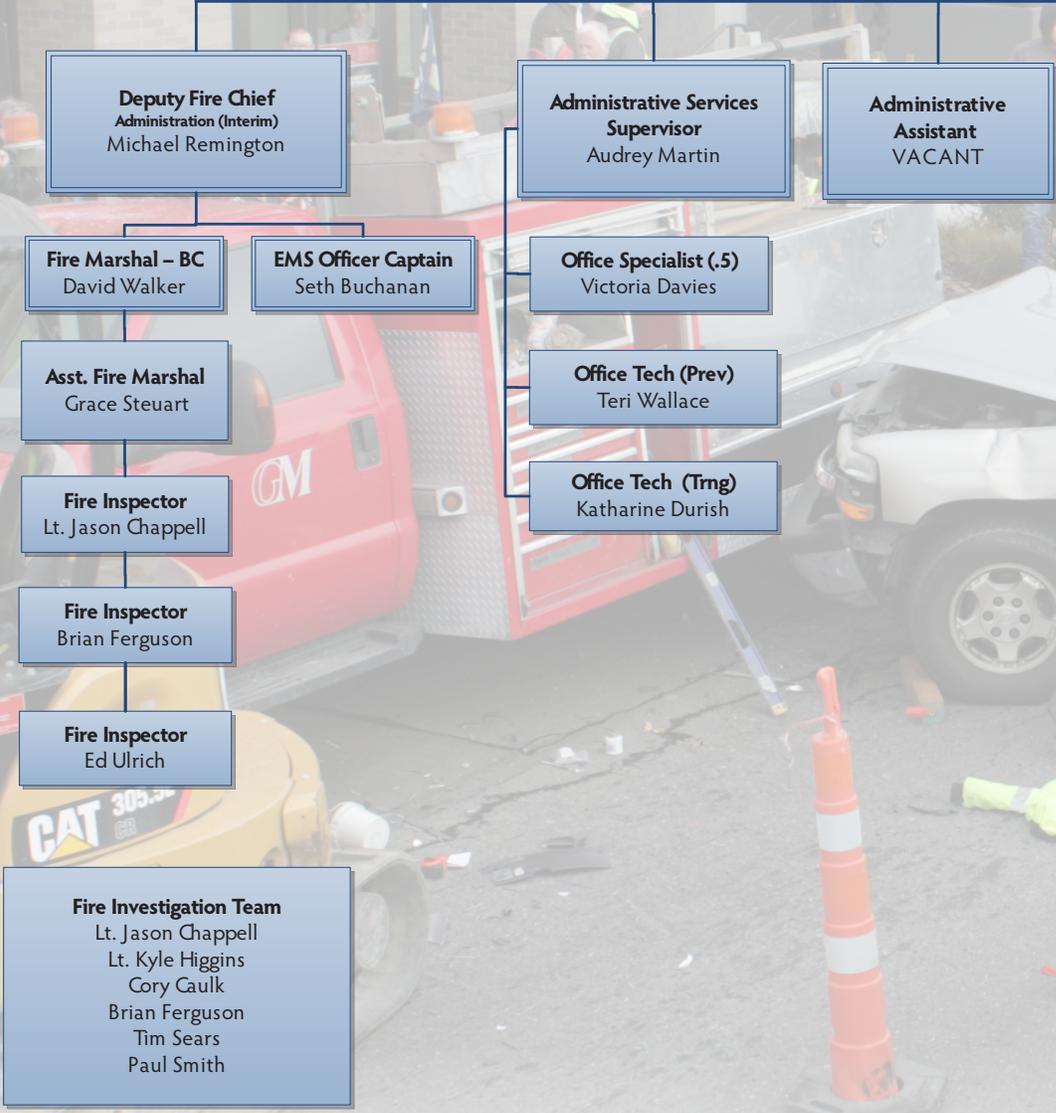
Founded	1888
Incorporated	1905
Consolidated with Town of Houghton	1968
Annexation of Finn Hill, North Juanita & Kingsgate	June 1, 2011
Population	
Pre-Annexation 2011	48,787
2015 Population	83,460
Land Area	
Pre-Annexation	11 square miles
Post-Annexation	17.81 square miles
Fire Department Grading Class	4
Total City Budget (2015-2016 Final Budget)	\$593,572,866
City Operating Budget (2015-2016 Final Budget)	\$331,829,113
Full-Time City Employees	
Pre-Annexation	461.43 FTE
2015 FTEs	580.33 FTE



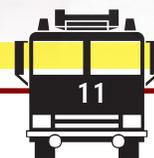
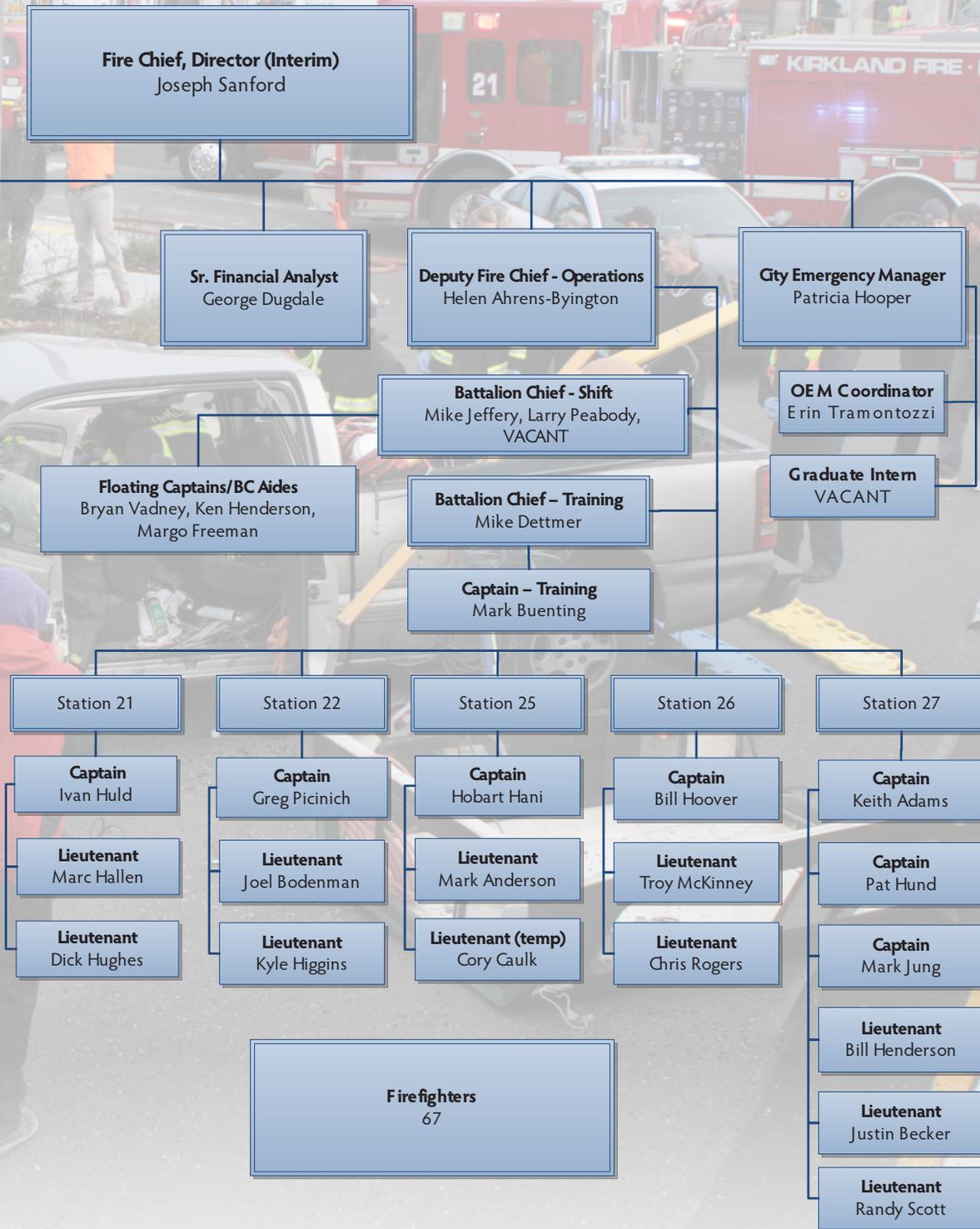
City of Kirkland

Fire Department Organizational Chart

DECEMBER 2015



DEPARTMENT INFORMATION



DEPARTMENT INFORMATION

STATION INFORMATION

Fire Department Headquarters

Kirkland City Hall · 123 5th Avenue · Kirkland, WA 98033

(Mailing address) · 425-587-3650 (Department Main-line)

http://www.kirklandwa.gov/depart/Fire_and_Building.htm

STATION 21 – Forbes Creek..... 9816 Forbes Creek Drive

Date Built: 1997 (8,541 sq. ft.)

APPARATUS:

- Aid 21 2010 Ford Road Rescue Aid Vehicle 4x4 (front line)
- Engine 21 2005 Spartan / H&W Pumper (front line)
- Engine 29 1999 Spartan Pumper (reserve)

STATION 22 – Houghton6602 108th Ave. NE

Date Built: 1980 (9,071 sq. ft.)

APPARATUS:

- Aid 22 2014 Ford F450 Road Rescue (front line)
- Engine 22 2015 Spartan / EVR Pumper (front line)
- Air Unit 21 2006 Spartan / H&W Special Ops Unit (front line)
- Engine 28 2003 Spartan / H&W Pumper (reserve)
- 1926 American LaFrance Pumper (antique)

STATION 24 – North Finn Hill

★ (Closed in December 2014)

STATION 25 – Juanita12033 76th PL NE

Date Built: 1973 (6,488 sq. ft.)

APPARATUS:

- Aid 25 2016 Ford Road Rescue Aid Vehicle 4x4 (front line)
- Engine 25 2003 Spartan / H&W Pumper (front line)

STATION 26 – North Rose Hill.....9930 124th Ave NE

Date Built: 1994 (9,795 sq. ft.)

APPARATUS

- Aid 26 2014 Ford Road Rescue Aid Vehicle (front line)
- Engine 26 2013 Spartan Pumper (front line)
- Battalion 21 2008 Chevrolet Suburban (front line)
- Battalion 21 2006 Chevrolet Suburban (front line)
- Aid 28 2008 Ford Road Rescue 4x4 (reserve)

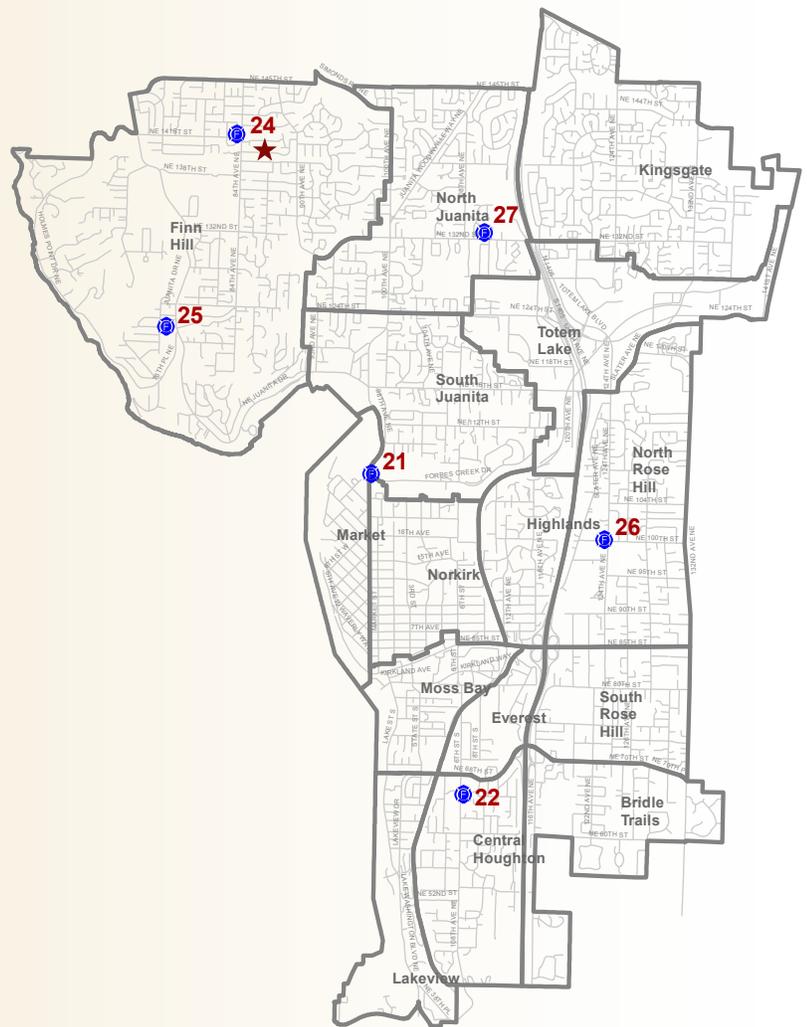
- 2000 Ford Road Rescue Aid Vehicle (reserve)

STATION 27 – Totem Lake 11210 Ne 132nd St.

Date Built: 1974 (8,159 sq. ft.)

APPARATUS:

- Aid 27 2016 Ford Road Rescue Aid Vehicle 4x4 (front line);
- Aid 29 2012 Ford Road Rescue Aid Vehicle (front line)
- Engine 27 2010 Spartan / H&W Pumper (front line)
- Ladder 27 2016 Spartan / Crimson Aerial TDA (front line)



DEPARTMENT INFORMATION

2015 FIRE DEPARTMENT BUDGET

Expenditures:

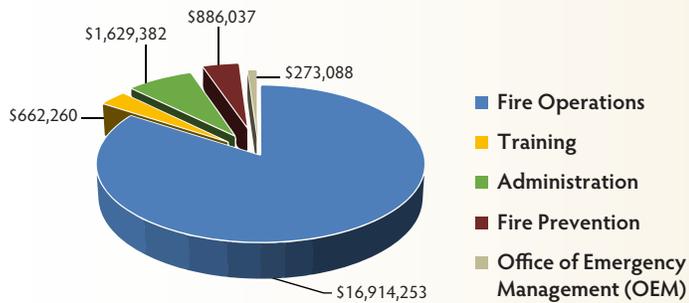
Department	Total	Personnel*	Internal Charges**	Other***
Fire Operations	\$16,614,273	\$13,741,797	\$2,173,116	\$699,360
Training	\$606,515	\$490,311	\$35,550	\$80,654
Administration	\$1,594,050	\$1,226,894	\$128,954	\$238,202
Fire Prevention	\$931,776	\$805,089	\$89,194	\$37,493
Office of Emergency Management (OEM)	\$251,310	\$197,106	\$27,541	\$26,663
TOTAL	\$19,997,924	\$16,461,197	\$2,454,355	\$1,082,372

*Personnel includes: benefits, overtime, and hourly wages, uniforms, and protective equipment

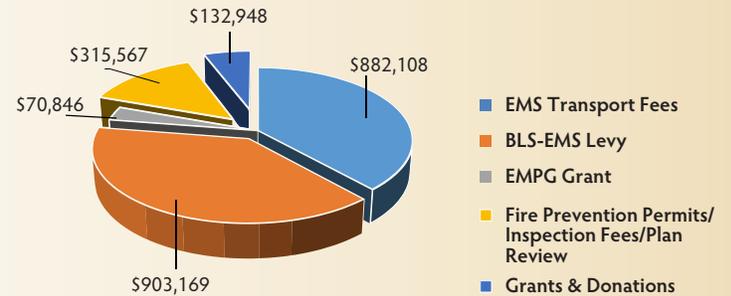
**Internal Charges includes: Fleet, Information Technology, liability insurance and Facility charges

***Other includes: safety gear, medical supplies, tools and supplies for fire stations and apparatus, office supplies, professional services/contracts, and all supplies in training, prevention, and administration

2015 Expenditures Budget



2015 Actual Revenues



2015 Fire Department Revenues:

	Budget	Actuals
EMS Transport Fees	\$882,567	\$882,108
BLS-EMS Levy	\$902,338	\$903,169
EMPG Grant	\$44,300	\$70,846
Fire Prevention Permits/Inspection Fees/Plan Review	\$215,482	\$315,567
Grants & Donations	\$3,300	\$132,948
TOTAL	\$2,047,987	\$2,304,638



DEPARTMENT INFORMATION

2015 FIRE DEPARTMENT BUDGET

2015 Active Capital Improvement Projects

- Disaster Supply Storage Units
- Disaster Care Response Vehicle
- Defibrillator Unit Replacement
- Disaster Response Portable Generators
- Dive Rescue Equipment
- Personal Protective Equipment Replacement
- Self-Contained Breathing Apparatus (SCBA) Replacement
- Hose Replacement

Basic Life Support (BLS) Transport User Fee Program

On March 1, 2011 the Kirkland Fire Department began its Basic Life Support (BLS) Transport User Fee Program. The Program was established to create a sustainable revenue source to support essential emergency medical services. Revenue from the BLS transport user fee has helped cover the cost of providing emergency medical service to the Kirkland community. Without this new revenue the Fire Department would have needed to reduce service levels. The user fees are currently used to maintain service levels; in the future, fees will be used to improve service, reduce response times, and provide greater EMS resources to the community.

2015 TRANSPORTS

Total Revenue = \$882,108

TRANSPORTS BILLED	2623	
Resident	2028	77.0%
Non-Resident	564	22.0%
Employee at Work	31	1.0%
	2623	
TRANSPORTS NOT BILLED		
(out of jurisdiction)	60	2.0%
Total # of Transports	2683	



DEPARTMENT INFORMATION

RECOGNITION AND SERVICE

The Kirkland Fire Department recognizes our employees for their years of service to our community. The following members have reached important milestones in their careers.

Years of Service:

Steve Karthas	35
Greg Picinich	25
Jim Hughes	20
Travis Braddock	15
Moe Kelsey	10
Josh Pratt	10
Renee Lirette	10
Ed Kinney	10
Kyle Higgins	10
Chris Meter	5
Doug Tomczak	5
Peter Hirst	5



KIRKLAND FIRE DEPARTMENT 2015



OUR CITY * OUR PEOPLE * OUR DUTY
OUR COMMITMENT TO SERVE



EMERGENCY RESPONSE

OPERATIONS OVERVIEW

The Operations Division oversees the department's response to all emergency incidents. This division is also responsible for the training and safety of response personnel in order to provide an effective response to emergencies in the community.

In 2015 the Operations Division responded to the highest call volume in the history of the department: 8,698 calls. The responses include several significant motor vehicle collisions which required the use of the technical rescue equipment to safely extricate the patients and keep others from being injured during the rescue. Unfortunately, Kirkland had one fire fatality in 2015. It was the first fire fatality in a long time in the community and is always difficult. The fire was very progressed by the time the fire department was notified. The department also responded to over 42 water related emergencies and had no water fatalities in 2015. Kirkland's near shore water rescue program received funding to purchase water rescue craft to help support a water rescue incident and improve the response capabilities in the community. In 2015 the department received two water rescue craft and began training all the water rescue technicians with the goal of having a water rescue craft ready to respond in the first quarter of 2016.

The City of Kirkland does a great job at making sure that the vehicles that are needed for emergency response are up-to-date and functioning well. The Public Works, Fleet division and a team of Firefighters design and scope out the building of the vehicles. This process takes about 9 to 12 months for aid units and 18 to 24 months for Engines and Ladder Trucks. In 2015 the department placed an order for two new aid cars to replace aging units and expects delivery in 2016. The department received the new ladder vehicle in 2015, replacing the current ladder rig which is 18 years old. The ladder crew has been training on the new apparatus with the goal of it being ready for response mode early in 2016. The department also received a replacement fire engine for Houghton station 22. In 2015 the City also allocated funding to upgrade the stretchers in the aid cars to meet the new safety standards for impacts. This represents a significant investment in the safety of patients and the firefighters who work with the cots every day.

Being able to respond quickly takes a partnership with the community. Individuals quickly identifying an emergency situation and taking action to notify 911 and then taking any action they can to safely make a difference. The department has been able to recognize some community members with Hero awards for their quick actions in 2015. In the summer of 2015 a woman was found to not be moving in a sports club pool; five by-standers pulled her from the water, initiated CPR and activated 911. In partnership with the initial actions of the by-standers, the Kirkland Fire Department, the medics and the hospital, the swimmer survived and was able to thank the rescuers at a Citizen Hero award ceremony at a City Council meeting just a few months later.

The department has also been very busy with community involvement: ...always with the understanding that the unit may be pulled away for emergency calls: Walk Your Child to School Day, school egg drops, neighborhood block parties, City special events, station tours for children, Touch a Truck, 4th of July, Summer Fest and many more.

In 2015 there were five new firefighters who successfully made it through the 12 week academy and the probationary year. The department also completed a thorough hiring process to have three new fire recruits ready to go for the January 2016 academy.

TRAINING OVERVIEW

Kirkland Fire Department Training Division is an active member of the East Metro Training Group (EMTG). EMTG consists of eight local fire departments: Kirkland, Bellevue,



EMERGENCY RESPONSE

TRAINING OVERVIEW

Redmond, Mercer Island, Northshore, Woodinville, Shoreline, and Bothell. Together we provide safety and training to over five hundred firefighters to prepare them to provide the best service to our citizens. Safety of the citizens and firefighters is our primary mission.

In 2015 a three year training plan was developed and implemented. The plan identifies and schedules all of the training required by federal, state, and local statutes and administrative codes. The EMTG Fire Departments work together as a team to complete that training.

The training of Kirkland firefighters never stops; firefighters constantly participate in company level, shift level, and Chief Officer training. These training events are administered to the crews by the Training Division for completion on a quarterly basis.

In 2015 EMTG conducted an entry level recruit training academy. Kirkland's Captain Bill Hoover was the drill master of the academy. Kirkland sent five newly hired recruits to the academy. All five recruits; Kevin Grimstad, Scott Grondahl, Garratt Powers, Ben Taylor, and Tim Zapel, graduated from the academy with honors. They are all scheduled to pass probation in January of 2016.

The Kirkland Fire Department Training Division processed ninety-six formal training requests in 2015. These represent formal courses conducted locally and regionally throughout the year. This number does not include the required quarterly training or individual shift/crew training.

Using a competency based training (CBT) program Kirkland Fire maintains the training for its Emergency Medical Technician (EMT) licensing for approximately one hundred Kirkland Fire Response personnel. This requires the specialized work and attention of eighteen certified EMT CBT Instructors. Each year a percentage of the firefighters are required to renew their EMT Licenses. In 2015, all required re-licensing was accomplished.

Other formal specialized training provided by Kirkland Fire Training Division in 2015 included; Gas and Electric Emergencies, Data Analysis of required response records, Trench Rescue, Rope Rescue, Confined Space Rescue, and general ladder truck operations in a forty hour ladder

academy. In addition Kirkland Firefighters were trained in Advanced Vehicle Extrication.

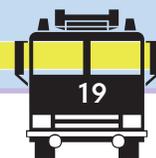
Following their probationary year all Kirkland firefighters are required to attend an intense forty hour Rescue Systems 1 course. This course provides valuable skills required to respond to incidents of greater magnitude such as earthquakes, building collapses, explosions and mass casualty rescue situations. In 2015 firefighters Dustin Hill and Erik Gustafson completed this training successfully.

Our response area includes a large area of shoreline along Lake Washington. In 2015 Kirkland Fire maintained an excellent near shore rescue program that includes training personnel becoming certified as rescue swimmers. This training is conducted in the classroom, at local swimming pools, and in Lake Washington during the spring months.

Kirkland is part of a regional hazardous materials team. In 2015 Kirkland's members of the team received specialized training dealing with the response to hazardous materials. In 2015 the Kirkland Fire Department developed an incident review system called Post Incident Analysis (PIA). After each significant incident the training division develops and conducts a review of the incident which includes all of the crews that responded to that incident. The focus is to identify what we are doing well and where we need to improve. In 2015 Training Captain Mark Buenting refined this process to allow all of the units to participate in the PIAs remotely from their own station by using a web-based system. Kirkland conducted ten such reviews in 2015. EMTG has adopted this system as the official PIA system for the group. Captain Buenting then expanded this concept to include tactics training using the same technology.

In 2015 the Training Division conducted its second annual Fire Officer Academy. Eight students enrolled and completed the academy successfully. This training academy prepares firefighters to become acting officers while working towards completion of the National Fire Protection Agency (NFPA) 1021 Fire Officer Standards.

2015 Fire Officer Academy Grads: Mike Boyer, Peter Hirst, Tyrel Koistinen, Art Lim, Ken Moffitt, Joshua Pratt, Ryan Riedl, Steve Suyama



EMERGENCY RESPONSE

ADDITIONAL TRAINING HIGHLIGHTS

- Provided Quarterly Command Post Training for the Battalion Chiefs and BC Aides
- Accomplished required live fire training using local training centers
- Provided leadership and communication training to acting officers and officers (Jack Lyons and Associates)
- Sent Battalion Chiefs and Captains to a Drug Abuse in the Work Place supervisor training
- Scheduled hearing tests, flu shots, and TB Quantaferon Gold Testing (Blood Draws)
- Active Shooter Response Training together with Police Departments
- Driver Operator Academy
- Provided the interim chief with an endless supply of York Peppermint Patties



TECHNICAL RESCUE 2015

As it has been since 2008, Kirkland Fire is the lead agency in the region on Technical Rescue Operations. Kirkland continues this leadership role in efforts to effect the response, training and equipment policies of the response partners in Northeast King County, known as King County Fire Zone One. In 2015, Rescue Technicians conducted training and response in Structural Collapse Rescue, Trench Rescue, Confined Space Rescue, Vehicle/Machinery and Rope Rescue.

2015 was a banner year the initial training Firefighters becoming Rescue Technicians. 88 Firefighters from King, Pierce, Skagit, Snohomish, and Thurston Counties. These Firefighters were trained and certified in Trench Collapse Rescue, Rope Rescue, Confined Space Rescue and Rescue Systems 1. This training was coordinated and facilitated by Kirkland Firefighters.

There are 32 Kirkland Firefighters who are trained as Rescue Technicians. All other firefighters are trained to the Operations (support) level in specialized rescue. The Rescue Technicians are assigned to Kirkland's Ladder Company, L-27 and respond from Fire Station 27 in the Totem Lake area. Kirkland Rescue Technicians are trained in the following disciplines:

- Rope Rescue
- Confined Space Rescue
- Trench Rescue
- Structural Collapse Rescue
- Vehicle & Machinery Rescue



Kirkland Fire has in service a rescue trailer "Collapse 27" that was outfitted with equipment and supplies specifically for structural collapse incidents. This unit was funded by Federal Grants. The trailer is equipped with Urban Search and Rescue (USAR) equipment for breaching, breaking and shoring of destabilized structures, As well as, video surveillance cameras that may be inserted into collapsed structures.

A structure may become destabilized and/or collapsed due to earthquakes, explosions, impact by vehicles and construction defects.

During 2015, with Kirkland as the lead agency, the region moved forward with programs to better serve the community.

One of the programs is the continued development of Rescue Squads that mirror the FEMA Team Squads that would be deployed in the event of a large scale/long duration incident. There is slated to be (5) squads located across Zone One. Squad 3 is the combination of Kirkland and Redmond personnel and equipment. When a large scale structural collapse occurs whether due to earthquake, building malfunction or deliberate act, the Squads are deployed and as FEMA joins the response, the integration would be seamless.

Kirkland had several calls where structural collapse was involved.

- 1 An example of collapsed multi-level concrete structure. (training)

During 2015, Rescue personnel responded to several incidents within the City of Kirkland and the region that required specialized rescue training and equipment. There were a number of vehicle collisions that required specialized equipment to stabilize the vehicle to prevent further injury and to quickly remove the patients from the vehicle.

- 2 MVA/Rescue on Central Way

On a daily basis Kirkland along its regional partners stand ready for Rescue Incidents. If the incident is "Technical

Rescue", rescue units from neighboring Departments are automatically designated and respond to the incident regardless of jurisdiction. No one agency has the "stand alone" capability to effect an appropriate deployment of trained personnel and equipment. Thus, the collaborative response is made. This is true whether the incident is within Kirkland, Bellevue, Bothell, Redmond or Woodinville. Emergencies that involve rope rescue, structural collapse, industrial, machinery and trench incidents occur within Kirkland and across Zone One.

- 3 MVA/Rescue
- 4 Trench Rescue Training in Kirkland



EMERGENCY RESPONSE

EMS OVERVIEW

In the early part of 2015 we were still recovering from Ebola entering the United States and coming as close as a Seattle area nurse being monitored for up to 21 days without actually contracting the disease.

As a result of the Ebola outbreak, Kirkland purchased Ebola supplies to outfit our firefighters so they could remain safe while attending to our City's customers. We were one of the first fire departments in Zone One to purchase the kits that were placed into service on our aid cars and contained the following: Tyvek suits, hoods, face shields, respiratory masks, gloves, booties, duct tape, disinfecting wipes, bleach and Ebola protocols to follow.

The perceived Ebola epidemic was quickly replaced in February of 2015 with the outbreak of the measles virus that originated from Disneyland California. Washington had two cases of the measles that were attributed to that outbreak and that prompted the controversial topic of vaccinations.

Kirkland's EMS and Training Divisions worked together along with Labor and Management to ensure that measles vaccinations or titers were made available to all Fire Department employees who wanted to participate in being vaccinated.

In April, after hearing reports from the Safety Committee that Kirkland Firefighters had incurred a few back injuries from transferring patients at the hospitals the EMS Division worked with our very own video producer extraordinaire, Garrett Powers and the 27A crew to film a short training video on a different way to transfer a patient from our gurney to the hospital bed. That video can be seen using this link: [Patient Transfer Video](#)

During the summer of 2015 we changed over from using an older SEND electronic tablet to the new Surface Pro 3's. The old tablets continually broke down and were no longer being maintained by our IT department. The new Surface Pro 3's are bigger, brighter, faster and more reliable. They have the ability to function as our primary documentation for EMS reports and also be used in other areas of the Fire Service such as fire inspection reports,



building pre-planning (google maps), cadview, active 911 and hopefully soon they can be used as the Mobile Data Terminals (MDTs) on our responding apparatus.

Throughout the year the EMS division continued to improve EMS in the City of Kirkland. We provided the appropriate level of personal protective equipment to ensure our employees safety against Ebola. We provided the opportunity to be vaccinated against the measles virus while allowing others to abstain for personal reasons.

We demonstrated safe techniques for moving patients to help reduce back injuries and prolong our employees' careers. We replaced our ailing electronic SEND tablet with the Surface Pro 3's providing a new piece of equipment in which to gather patient information and data to better care for our patients. We switched over from older short life defibrillator batteries to newer longer lasting rechargeable



EMERGENCY RESPONSE

EMS OVERVIEW

batteries. Event Review Pro along with data messenger was placed on certain computers at every station in order for our crews to review cardiac arrest cases and receive immediate feedback.

Ours crews responded to 6181 BLS incidents and provided 2683 transports to our customers generating \$882,107.56 of revenue for the City of Kirkland. This revenue will be used to improve service, reduce response times, and provide greater EMS resources to the community. Some of the incidents we responded to include:

Motor vehicle accidents	153
Active labor	8
Delivery on scene/enroute	8
Drownings	0

Finally the EMS division worked with employees, the Training Division, King County and the Washington Department of Health to recertify 50 Firefighters with their EMT recertification. This recertification is required every three years



and provides the citizens of Kirkland with skilled, trained professional firefighters, providing a high quality of care. Congratulations to all of you who completed your training and recertified.

EMS STORY

Fire Department EMS response and “Baby Jeffery”

Fire Department EMT's and Paramedics were dispatched one evening to a newborn baby who was not breathing and had no pulse. He was located at a local birthing center under the charge of a very experienced midwife who had delivered more than 700 babies in 16 years. It is one of the situations every physician, nurse, midwife and firefighter dreads. On arrival, firefighters found the infant pulseless, not breathing and blue. CPR chest compressions and respirations are difficult on adults, but especially precarious on infants only minutes old. Even more difficult was the insertion of an intubation tube down the baby's airway to insure oxygen was getting to the lungs. Crews assumed resuscitation efforts and worked as a calm and professional team with each member focused and working very hard to save this child's life. And they did. The baby was stabilized with a strong pulse, pink skin and some spontaneous respirations to Evergreen Neonatal Intensive Care Unit. The long term prognosis was uncertain but hopeful at the time crews left the baby and his mother at the hospital. Crews followed up and were told that “Baby Jeffery” had stabilized and was responding to voice and touch. **One year later, mom and dad brought baby Jeffery to Fire Station 27 to celebrate his first birthday with firefighters and paramedics.** He is a healthy and happy youngster with no signs that there was ever a life threatening incident in his life.

Baby Jeffery's story illustrates the success of the entire EMS system. From primary care to emergency intervention by firefighter EMT's and paramedics to the advanced neonatal care in the hospital setting, each person was dedicated to saving a life and preserving a new family.



EMERGENCY RESPONSE

WATER RESCUE

The Kirkland Fire Department continues to be the regional leader for water rescue. Over fifty classes are taught throughout the year with many surrounding fire departments utilizing Kirkland's advanced training techniques as their sole source of training. Four levels of training are available starting with the Operations level. All line personnel attend this course each year to gain the skills and knowledge necessary to fill supporting roles for the water rescue technicians entering the water. In 2015 sixty-two personnel were trained to the Rescue Swimmer level allowing them to utilize surface swimming/diving techniques and rescue boards as well as underwater lighting to provide rescue services 24/7 all months of the year. Of that group thirty two Rescue Swimmers attended advanced level training to certify them to our Rapid Diver level allowing for extended search and rescue operations beneath the surface. Kirkland remains the only fire department in the region to provide a rapid deployment dive service.

In early July Kirkland took delivery of two custom made Water Rescue Craft. These machines were outfitted with a towable sled, surface and underwater lighting and other rescue equipment to better allow our rescuers to respond to the forty-plus water related emergencies throughout the calendar year. These machines provide the speed (over 50mph) and stable platform to ensure our rescuers have an efficient and stable platform to perform rescues in most types of weather. During the months of October through December all Rescue Swimmers received advanced boat operation/rescue training provided at no charge from the Portland Fire Department. The Water Rescue craft labeled Marine 21 and Marine 22 will go into service during the early months of 2016.



PERSONAL PROTECTIVE EQUIPMENT (PPE) PROGRAM:

The Kirkland Fire Department remains a national leader in Personal Protective Equipment (PPE) cleaning, inspections and repair, being only one of the two Fire Departments across the United States that is certified to complete this work in house. Within the region, Kirkland assists other local agencies with knowledge of processes and emergency repairs of their PPE, and is the lead agency for inspection/repair of PPE for recruit academies.

In 2015 over 3,240 pieces of PPE such as firefighting, technical and water rescue gear and equipment went through a rigorous advanced cleaning and inspection process. The PPE team now is in charge of purchasing for all PPE at Kirkland Fire including water rescue, high angle rescue, trench rescue, and confined space rescue. During these inspections, more than 3,949 wear and tear items as well as failures were identified and repaired. The total cost savings for the Department exceeded \$132,000 with a net savings in excess \$83,000. In addition to the annual cost savings, hundreds of thousands of dollars in savings will be realized in the near future as the PPE Team will be able to double the serviceable life of firefighting bunker gear.



EMERGENCY RESPONSE

PPE PROGRAM (Cont.)

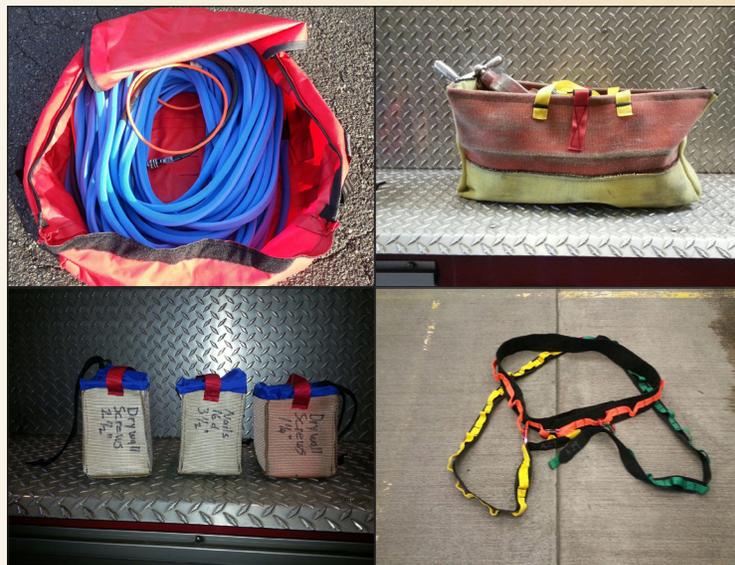
Our house repair facility has taken the typical cost effective life of this gear (4-5 years) and extended that to the full 10 year serviceable life allowed by State law.

The PPE Team added EMS jackets to all line personnel this year to increase the safety of rescuers on motor vehicle accidents (MVA) and technical rescue responses. They have more reflective capability than our current bunker gear yielding better visibility when operating on roads and highways.

During the 2015 year, firefighter Eric Forslin organized a committee and selection process for purchasing our new helmets which will be implemented in 2016.

Firefighter Cliff Oleszko runs the repair facility located at Station 27. In 2015 he expanded the scope of work to include fabrication of custom equipment. Cliff is able to make custom alterations to personal gear and has created an impressive array of custom bags for the new Ladder 27 apparatus going into service in early 2016. These items were created using old/damaged firefighting hose along with other recycled parts from out of service equipment.

Cutting and fabricating the old hose, he was able to create new hydrant bags, small tool pouches and technical rescue bags custom fit for the new Ladder. Purchasing bulk life safety webbing, Cliff designed and produced lift assist belts for all front line Aid cars. These lift belts were produced at a cost of approximately \$36.00 while they retail for over \$350.00 if purchased. They provide a much safer and efficient way for firefighters to lift patients off the floor after a fall.



In 2016 the PPE team will be adding one inspector and one repair specialist that will be certified by NFPA 1851 to work on our gear.



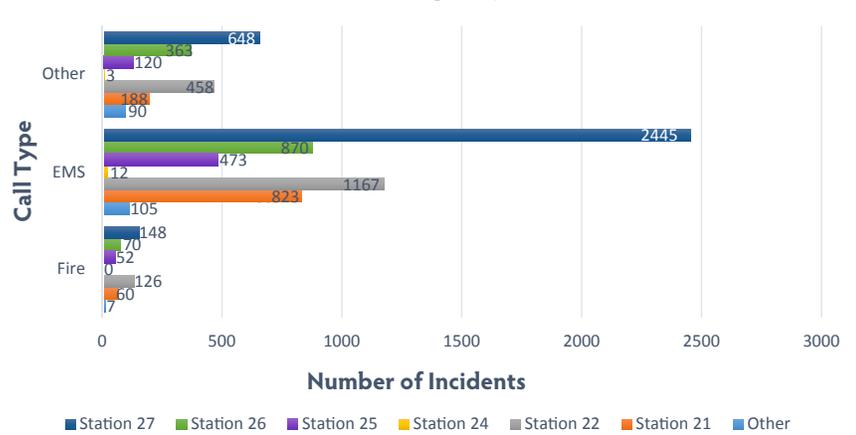
EMERGENCY RESPONSE

TOTAL CALL LOG

2014 Total Emergency Incidents

CALL TYPE	STATIONS							Total
	Other	21	22	24	25	26	27	
Fire	7	60	126	0	52	70	148	463
EMS	105	823	1167	12	473	870	2445	5895
Other	90	188	458	3	120	363	648	1870
Total	202	1071	1751	15	645	1303	3241	8228

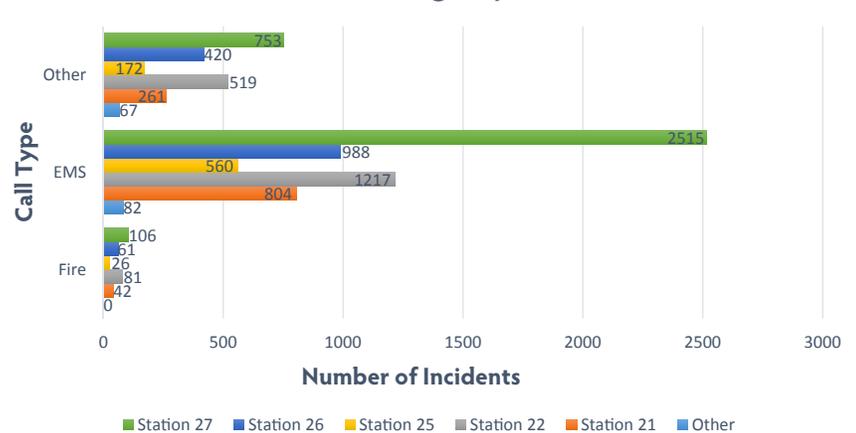
2014 Total Emergency Incidents



2015 Total Emergency Incidents

CALL TYPE	STATIONS						Total
	Other	21	22	25	26	27	
Fire	0	42	81	26	61	106	316
EMS	82	804	1217	560	988	2515	6166
Other	67	261	519	172	420	753	2192
Total	149	1107	1817	758	1469	3374	8674

2015 Total Emergency Incidents



EMERGENCY RESPONSE TOTALS BY UNIT

	2011	2012	2013	2014	2015
Aid 21	849	891	905	892	890
Aid 22	1171	1203	1181	1216	1,286
Aid 24	104	102	135	124	*
Aid 25	447	541	498	533	609
Aid 26	876	1005	936	959	1,074
Aid 27	*1284	2037	2039	2033	2,223
Aid 29	*917	449	406	447	483
Engine 21	333	326	357	388	449
Engine 22	541	575	628	729	727
Engine 25	153	182	193	206	214
Engine 26	299	482	512	601	626
Engine 27	693	625	700	730	726
Engine 28	4	2	28	6	7
Ladder 26	209	*	*	*	*
Ladder 27	381	651	670	798	914
Battalion 21	444	486	478	570	582
Air Unit 21	32	45	37	55	38
Totals	6536	9602	9703	10287	10,852

*Ladder 26 was moved to Station 27 in June of 2011. This eliminated L26 and created L27. In addition, Station 27 went from one dedicated Aid Unit to two cross staffed Aid units.



EMERGENCY RESPONSE

2015 RESPONSE TIME GOALS AND OBJECTIVES

Kirkland Fire Department Response Goals

The Kirkland Fire Department has set extremely aggressive goals for response times, call processing and turnout times. These response goals are established to effectively and efficiently deliver fire suppression, special operations response, and emergency medical services to the citizens of Kirkland. Always striving to improve service to the community by meeting or exceeding these goals will insure that the Kirkland Fire Department continues to provide the best service possible to people it serves.

CALL PROCESSING TIME**

(Phone pickup to first unit assigned)

Kirkland Fire Department's call processing time standard is 60 seconds, 90% of the time.

Year	Percentage of time call processing time goal was met
2015	88%
2014	88%
2013	88%
2012	86%
2011	85%

*Call processing time not available from NORCOM for these years

**Call processing is handled through NORCOM 911 system.

TURNOUT TIME (FIRE)

(Time unit assigned to enroute)

Kirkland Fire Department's fire turnout time standard is 80 seconds, 90% of the time

Year	Percentage of time turnout objective met
2015	37%
2014	26%
2013	26%
2012	30%
2011	32%



TURNOUT TIME (EMS)

(Time unit assigned to enroute)

Kirkland Fire Department's EMS turnout time standard is 60 seconds, 90% of the time

Year	Percentage of time turnout objective met
2015	38%
2014	37%
2013	37%
2012	38%
2011	39%



EMERGENCY RESPONSE

2015 RESPONSE TIME GOALS AND OBJECTIVES

ARRIVAL OF FIRST ENGINE AT FIRE

(Enroute to on-scene)

Kirkland Fire Department's response time standard for the arrival of the first engine at a fire is 4 minutes, 90% of the time

Year	Percentage of time response objective met
2015	71%
2014	74%
2013	62%
2012	71%
2011	73%

2015 RESPONSE DATA

NFPA (National Fire Protection Association) Response Standard From 911 Call Pick-up to Arrival On Scene

- Fire: 6:20 We meet this 71% of emergency incidents
- EMS: 6:00 We meet this 72% of emergency incidents

Kirkland Fire Department Adopted Standard From 911 Call Pick-up to Arrival On Scene

- Fire: 5:30 We meet this 48% of emergency incidents
- EMS: 5:00 We meet this 49% of emergency incidents

Actual Total Response Time to Fires
90% of the Time – 7:49

Actual Total Response Time to EMS
90% of the Time – 7:40

BASIC LIFE SUPPORT UNIT (AID CAR)

(Enroute to on-scene)

Kirkland Fire Department's response time standard for the arrival of the first emergency medical unit with 2 EMTs is 4 minutes, 90% of the time

Year	Percentage of time response objective met
2015	73%
2014	75%
2013	76%
2012	75%
2011	78%



EMERGENCY RESPONSE

ADVANCED LIFE SUPPORT (ALS) RESPONSE

Advanced Life Support response is provided in Kirkland by King County EMS through a contract with the City of Redmond Fire Department.

Medic response time standards are established by King County Medic One.

Medic Response Time Standard

The King County Medic response time objective is average unit response times less than 10 minutes, and 80% of calls in less than or equal to 14 minutes.

Total 2015 Medic calls in Kirkland: 1,544



RESPONSE ANALYSIS*

	INCIDENT YEAR				
	2011	2012	2013	2014	2015
Call Volume	1,581	1,613	1,565	1336	1,544
Total Response Time*	9.5	9.2	8.9	8.7	8.3

*Total Response Time = Dispatch Time + Unit Response Time

ALS RESPONSES TO KIRKLAND FD	2012	2013	2014	2015
Shoreline Medic 47	101	90	101	90
Shoreline Medic 63	0	0	1	0
Shoreline Medic 65	50	48	48	34
Bellevue Medic 1	74	83	65	67
Bellevue Medic 2	0	4	0	5
Bellevue Medic 3	0	0	1	2
Bellevue Medic 14	1	1	0	1
Redmond Medic 19	134	136	118	123
Redmond Medic 23	1223	1188	1114	1210
Redmond Medic 29 (Part Time)	0	0	0	1
Redmond Medic 35	8	6	5	11
TOTALS	1591	1556	1453	1544



EMERGENCY RESPONSE

ADVANCED LIFE SUPPORT (ALS) RESPONSE

MEDIC UNIT LOCATIONS

Bellevue Medic 1	Overlake Hospital Medical Center: 1035 116th Ave. NE, Bellevue, WA 98004
Redmond Medic 19	Housed at Redmond Fire Station 11: 8450 161 Ave NE, Redmond, WA 98052
Redmond Medic 23	Housed at Evergreen Hospital Medical Center: 12040 NE 128th Street, Kirkland, WA 98034
Redmond Medic 35	Housed at Woodinville Fire Station 35: 17825 Avondale Rd NE, Woodinville, WA 98077
Shoreline Medic 47	Housed at Station 42: 10726 Beardslee Boulevard, Bothell, WA 98011
Shoreline Medic 65	Housed at Station 57: 17020 Brookside Boulevard NE, Lake Forest Park, WA 98155

NORCOM 2015 Data



The core mission of the North East King County Regional Public Safety Communication Agency (NORCOM) is to provide high quality emergency service communication to the public for emergency medical services, fire and police. We will carry out this mission by receiving calls for service; dispatching resources in response to such calls; tracking and coordinating information flow and resources to assist responders; initiating records for all emergency events; and enhancing effectiveness, efficiency, coordination and interoperability of emergency service providers.

www.norcom.org

- The City of Kirkland is represented on the executive board of NORCOM by the City Manager.
- Kirkland police and fire serve on the NORCOM operations board.
- In 2015 NORCOM received a total of 196,746 emergency 911 calls.

NORCOM dispatch 2015 performance measures:

90% of 9-1-1 telephone calls will be answered within 10 seconds or less during each hour of a calendar quarter (barring major disasters or other extraordinary events)

- NORCOM answered 911 calls within 10 seconds or less 99.16% of the time in 2015

GOAL: 90% of emergency fire/Medical (EMS) calls are dispatched within 60 seconds.

NORCOM processes EMS Fire calls in under 60 seconds 88% of the time.



EMERGENCY RESPONSE

2016 PLAN OF ACTION:

To meet response time objectives the Kirkland Fire Department will continue to ensure that all internal efficiencies are being identified and evaluated. Regularly evaluating response data to determine how to best improve reliability and efficiency in order to meet our response time goals will continue. One way of evaluating these goals is through a Standards of Coverage and Deployment Plan (SOC). This is an extremely detailed analysis to evaluate response times and how to improve them. In 2014 the Department completed this study and will be using the analysis in 2016 to, among other things, study

possible fire station locations to better serve the citizens of North Kirkland.

Also, the Department will be preparing for accreditation from the Commission on Fire Accreditation International in 2017. By submitting to an outside evaluation of Fire Services, the Department is committed to achieving excellence in order to provide continuous quality improvement and enhancements to service delivery to our community.

The Department's Water Rescue program will gain two water rescue craft in 2016 capable of rapid intervention into water emergencies on Lake Washington. There are over 60 firefighters trained to respond to water rescue emergencies and they responded to 43 water incidents in 2015.

The department hired five firefighters in 2015 to fill vacant positions.



COMMUNITY RISK REDUCTION

FIRE PREVENTION BUREAU HIGHLIGHTS

The Kirkland Bureau of Fire Prevention currently has 5 staff members: The Fire Marshal, one Assistant Fire Marshal and three Fire Inspector/Investigators. The Fire Investigation Team is also part of the Fire Prevention Bureau. Headed by the Fire Marshal, the Fire Investigation Team consists of 8 dual role investigators (6 from the Fire Department and 2 from the Police Department).

Our mission is to create a safe environment for our residents and our business community. We strive to prevent injury and loss of life and property through the following activities:

- Plan review and permit issuance for new construction and fire protection systems
- Inspections of new construction and fire protection systems
- Issuance of operational permits for activities regulated by the International Fire Code
- Annual fire safety inspections in existing buildings
- Investigation of fires to determine origin and cause
- Code and policy development and interpretation
- Publication of operating policies and fire safety information bulletins
- Adult Education - inactive
- Safe Child Education – inactive

In 2015 Lieutenant Kyle Higgins completed his Bachelor's degree in Arson and Explosion Investigations. Lieutenant Higgins also serves as Director of the Washington State chapter of the IAAI helping lead the industry in improving fire investigations.

Fire Investigator Paul Smith earned his CFI credentials through WSP after completing 100 hours of specialized training.

In 2015 the city suffered several large fires bringing to light that a number of multifamily apartment buildings had not been retrofitted with basic alarm notification systems, mandatory since 2004. After reviewing over 300 buildings, 41 total buildings were identified as being substandard. Fire Prevention is now working with building owners and man-

agers to bring these buildings up to code with the most basic minimum fire notification and monitoring systems.

2015 began the regulation of liquid carbon dioxide storage. Storage of amounts in excess of 100lbs requires an IFC permit that covers conditions such as maintenance and required air monitoring. Carbon dioxide leaks can expose entire buildings when stored in large amounts and are now commonly used in many restaurants. Deaths have been associated nationally with the leaking of these storage containers; it is Prevention's goal to keep them maintained and safe within our community.

In 2015 work began on the largest construction endeavor in Kirkland's history, the Park Place redevelopment. Lt Jason Chappell leads the fire plan review team for the project and is assisted by fire protection engineers for Aegis engineering. Work is expected to last several years and will be completed in numerous phases.



COMMUNITY RISK REDUCTION

FIRE PREVENTION BUREAU HIGHLIGHTS

Fire Plan Review of New Construction

Fire Prevention personnel check plans to determine compliance with the International Fire and Building Codes as well as all local codes, ordinances, standards and regulations. This includes plan review of building sites for adequate fire department access, hydrant locations, and adequate fire flow, as well as fire protection systems such as fire sprinkler and alarm systems. With Fire and Building in the same department, Fire Prevention personnel work closely with the Kirkland Building Services Division, as well as other City Departments, to ensure comprehensive and consistent enforcement of the International Codes and the Kirkland Municipal Code.

Year	Plan review SFR new and additions	Plan Review Commercial	Plan Review Grading (LSM)	Plan Review Short Plats
2011	150	36	33	15
2012	287	20	45	35
2013	371	43	60	40
2014	375	40	57	52
2015	438	39	57	58
Year	Plan Review Zoning and Design	Plan Review Mechanical	Pre application conferences	Solar (PV)
2011	NA	NA	NA	NA
2012	15	4	110	NA
2013	17	4	160	NA
2014	15	2	150	17
2015	10	3	170	38

Fire Inspections of New Construction

Once permits are issued, Fire Prevention personnel perform inspections to ensure that the required fire protection features are installed correctly and as designed. Just as during the plan review process, we work cooperatively with the Building Division and other City departments such as Public Works to ensure a seamless inspection process for the developers and contractors.

Year	Fire system Permits issued	Fire Protection System Inspections	(IFC) Permits issued	(IFC) Inspections
2011	200	350	25	50
2012	208	380	16	14
2013	375	748	32	31
2014	291	1157	26	28
2015	283	1966	48	91

Issuance of Operational (IFC) Permits

Some activities have the potential to create a hazard to the public, and therefore require an Operational Permit to be issued. Typically, operational permits are required for fireworks displays, hazardous materials, tents, bonfires, hot work and a variety of other hazardous activities.

Annual Fire Safety Inspection Program

Fire Prevention Bureau personnel are responsible for managing the annual fire safety inspections program for existing buildings. You will see firefighters in Kirkland conducting these inspections, in order to discover and correct any conditions liable to cause a fire or life safety hazard. The recognized standard for inspection frequency is annual inspection of all business and hazardous occupancies. Currently our goal is to meet a two year cycle. Alternate programs such as self inspection programs for low risk occupancies are being examined for applicability.

Year	Company Level Fire inspections	Company Officer Investigations reviewed	Investigator reports
2011	680	NA	26
2012	1380	104	16
2013	1594	103	47
2014	1551	90	57
2015	1154	115	48



Fire Investigations

The Fire Prevention Bureau is mandated to conduct fire investigations to determine origin and cause of all fires which occur within the City of Kirkland. Fire Investigators work closely with the Kirkland Police Department in the event that a fire is suspicious or is determined to be arson. All investigators are trained to national standards, attending the National Fire Academy in Emmitsburg MD, gaining certification through the Washington State Patrol and Accreditation from the International Association of Arson Investigators (IAAI). Kirkland is an active member of Zone 1 Fire Investigators and Zone 1 Fire Marshals.

Code and Policy Development and Publication

The Fire Marshal is responsible for developing and publishing policies related to established fire prevention goals. These policies are technical in nature and geared towards assisting developers and contractors in site and system design. In addition, the Fire Marshal is responsible for code and policy interpretations. The Fire Marshal also coordinates with Fire Marshals in neighboring jurisdictions so that, as much as possible, code interpretations and requirements are standardized throughout the region.

Fire Safety Information Bulletins

Information bulletins consist of fire safety information which business owners or the general public may find helpful. These publications are available online with the implementation of Kirkland's new webpage platform in 2014.

GOALS for the Future

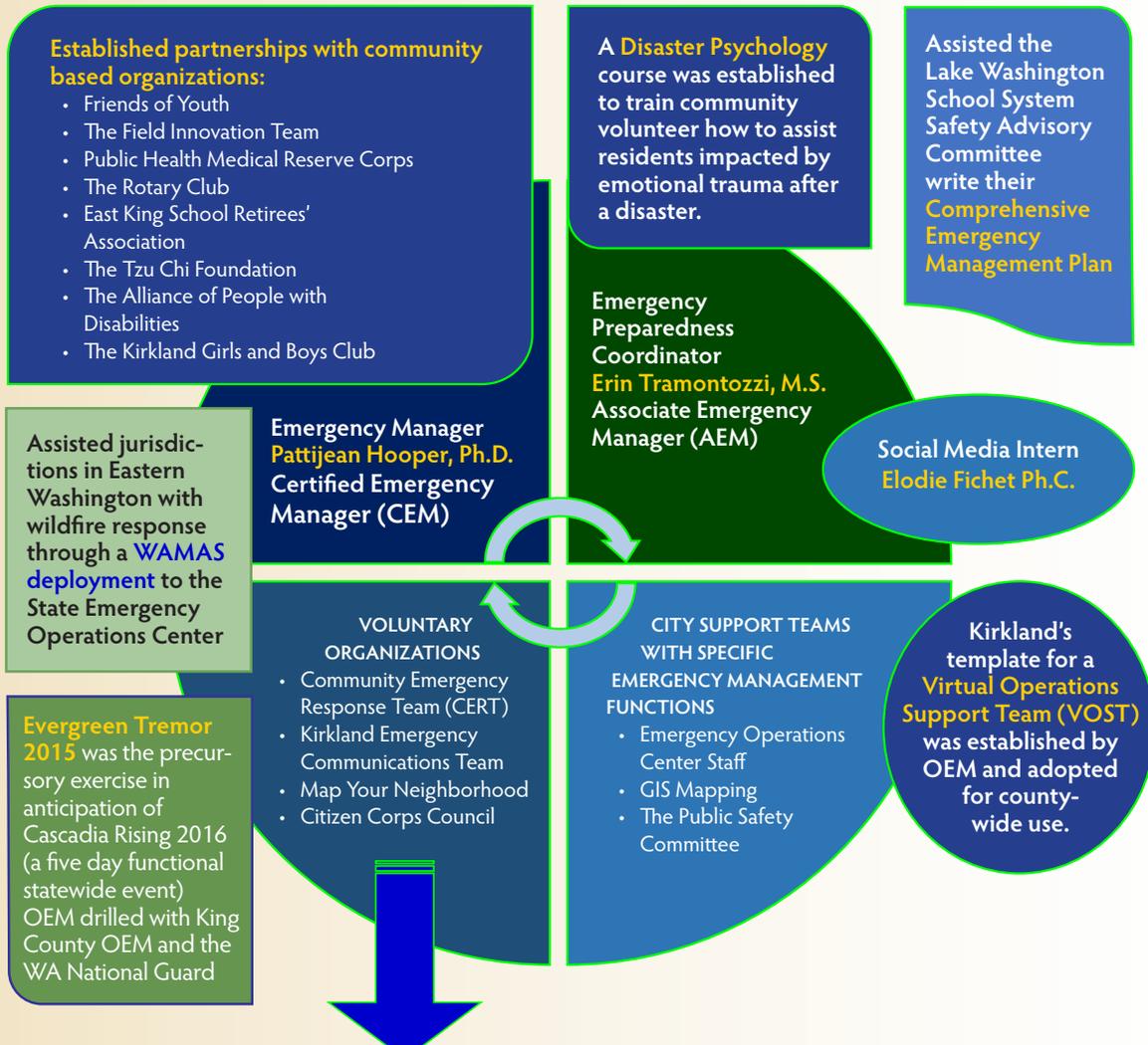
- Two recent evaluations of the department outline the value of routine fire and life safety inspections in businesses and hazardous occupancies. Goal: Meet recognized inspection frequency standards
- Sprinklers in single family homes are found to save lives and reduce the tax and insurance burden on communities. The cost of these systems have consistently dropped year over year. Goal: Adopt ordinance requiring residential fire sprinklers in all new single-family homes.
- In 2010, funding was cut to several educational programs. Goal: Find funding to re-establish child safety and education priorities.
- Complete retrofitting Kirkland's most vulnerable apartments with basic fire alarm systems, meeting the 2004 requirement.



OFFICE OF EMERGENCY MANAGEMENT



The Office of Emergency Management (OEM) was involved in extensive outreach activities with the whole community in 2015. Highlights of this year include designing an Emergency Operations Center, benefiting from the additional 900 hours our volunteers donated above their 2014 efforts, conducting our city's first Active Shooter training, and expanding our preparedness partners. It was a productive year even before Kathryn Schulz published her article The Big One in the New Yorker magazine. Post-publication, our office was busy answering questions about earthquake preparedness from residents community wide!



■ Ongoing Education Classes expanded:

- ▶ Incident Command System Review – Social Media Training
- ▶ Gas and Electric Safety – Water Safety and Storage
- ▶ Personal Preparedness – CERT for Animals with WASART
- ▶ Basic Disaster Preparedness

■ Neighborhood involvement included :

- ▶ Participating in 3 neighborhood association picnics
- ▶ Hosting an information booth at the Juanita Friday Markets
- ▶ Marched in Kirkland's July 4th parade



The Office of Emergency Management has partnered with Community-Based (CBO) and Faith-Based Organizations (FBO) to establish Neighborhood Networks that will become a warming, cooling, and charging stations during emergencies and disasters.

Each CBO and FBO is supported with communications links to the city Emergency Operations Center via Ham Radio operated by the volunteers of Kirkland's Emergency Communications Team (KETC).

Additionally, volunteers from Community Emergency Response Teams (CERT) Conduct response operations from these neighborhood locations.

We know that in times of emergency or disasters, community members are best served as close to their residences as possible. This Stone Soup Initiative is built on the belief that if each member of the response operations team makes a small contribution to the neighborhood (with communications, first aid, search and rescue, and a source of energy) the community is well served in its time of need.

VOLUNTEERS!

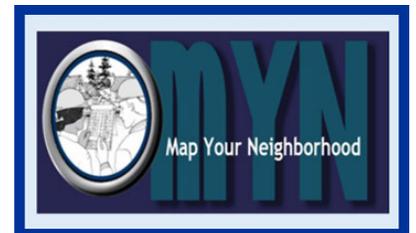
In 2015, volunteers for the Office of Emergency Management contributed 2933 hours of service to the community. These activities included:

- Teaching courses in disaster preparedness and response
- Continuing education courses
- Conducting drills and exercises
- Radio communications
- Neighborhood organizing



The Stone Soup Initiative

If each member makes a small contribution, a community can sustain itself during a disaster.



TO VOLUNTEER FOR OEM, please contact 425-587-3630 or pjhooper@kirklandwa.gov

 www.Facebook.com/KirklandOEM
 [@OEMKirkland](https://twitter.com/OEMKirkland)



CHAPLAINS REPORT

For 30 years the Chaplain's program in Kirkland has been a service to our citizens under unimaginable situations of pain and heartache.

The Chaplain's program has two essential components to it. There is a practical component and a human component. Practically, the Chaplain's take over the scene when the "emergency" for which Fire or Police.....or both..... were called for is completed. This allows both Fire and Police to become available so they can respond to the next emergency call. Chaplains then assist whoever is in need with whatever issue they might have or be experiencing.

The Human component, however, is much different. It's difficult to adequately put into words the impact that our Chaplain's have had on the people of our community. The following are notes from actual calls with names deleted that should assist with the explanation:

1. **"75 year old male** suffered head/brain injury and was recovering with expectation to go home Friday. Family expected him to die with initial injury so they were "up" to see him come home. I arrived to find them all there and dealing with emotional whiplash. He fell in bathroom and died suddenly. I explained protocols and prayed with family at their request. They're a Christian family and he was a pastor for 25 years."
2. **"Fiancée came to the apartment** when no phone response. She and friend forced entry and found body. Called 911. Uncle, Aunt, Mother and Sister then arrived. Fiancée remained at scene. Apartment considered crime scene. So everyone outside in parking lot. Emotions at maximum. This day was victim's birthday and party planned for tonight. Soon to be married. Father died same way just a year ago. Very difficult scene. One of my most challenging and heart wrenching."
3. **"18 month old girl died at Day Care** - Tried to comfort Day Care owner. Guilt! Kept saying, "I killed their baby".... She didn't of course. Waited at scene until arrival of baby's dad, then arrival of baby's mother. Very traumatic. Kept going back and forth between parents, day care owners and their teenage daughter.

ter. Very heart rending. Checked up on our personnel who were involved. One of my worst calls. Good in the sense we were all there to help."

4. **"17 years old male** was discovered by both parents when they went to his room upon return from work at 5 pm. He had been dead for several hours. Diagnosed with Crones Disease 4 years ago. Family terribly traumatized. Mother crying to me. Requested prayer. On arrival of ME, met him and introduced him to family. Explained procedures, helped with phone calls. Family didn't want to remain in residence when body was removed. I stayed in their home until they returned. While alone in house, removed soiled bed linens where he died. The family was very appreciative of EMT's, PD, and Chaplain."
5. **"Very difficult call.** Dispatched to Evergreen Hospital for Infant CPR. Stayed with family in trauma room until procedures ceased. Very emotional. Made sure to commend Dr.'s and Staff for their efforts and attitudes. Was requested to check on Police Officer who was on the call. I did and had a long conversation."
6. **"Called to motor vehicle accident scene.** Driver hit car and bicycle. Driver of other vehicle and bicyclists DOA. Spent considerable time with the driver. Went with Police Officer to contact neighbor who attempted CPR. Talked with roommates of victims who arrived on scene about an hour after accident. Driver requested I pray with her."

These are typical of the calls our Chaplains respond to. When responding to a death, it's not uncommon to consider the deceased as the only victim. These examples show that is not the case. Chaplaincy is truly a high and noble calling. It's an invaluable resource not only to our citizens, but also to our firefighters and police officers.



Chaplain Vince Armfield



DEPARTMENT DIRECTORY

GENERAL INFORMATION 425-587-3650

Fire Administration

Headquarters - 123 Fifth Avenue, Kirkland 98033

Joe Sanford, Interim Fire Chief 425-587-3602
Helen Ahrens-Byington, Operations Deputy Chief 425-587-3603
Michael Remington, Administrative Deputy Chief 425-587-3691
Seth Buchanan, EMS Captain 425-587-3663
Audrey Martin, Administrative Supervisor 425-587-3658
Victoria Davies, Administrative Assistant 425-587-3638
George Dugdale, Senior Financial Analyst 425-587-3425
Office Specialist Vacant
Jim Fink, Mechanic 425-587-3880

Fire Prevention

Dave Walker, Fire Marshal 425-587-3623
Grace Steuart, Assistant Fire Marshal 425-587-3660
Jason Chappell, Fire Inspector 425-587-3655
Brian Ferguson, Fire Inspector 425-587-3653
Ed Ulrich, Fire Inspector 425-587-3639
Teri Wallace, Office Technician 425-587-3634

Training

Mike Dettmer, Battalion Chief 425-587-3698
Mark Buenting, Captain 425-587-3697
Katharine Durish, Office Technician 425-587-3657

Office of Emergency Management

Pattijean Hooper, Emergency Manager 425-587-3630
Erin Tramontozzi, Emergency Preparedness Coordinator 425-587-3670
Madison Hoover AmeriCorps Volunteer
Elodie Fichet Graduate Intern

