

BELLEVUE FIRE DEPARTMENT ANNUAL REPORT 2016



BELLEVUE FIRE DEPARTMENT

MISSION, VISION, VALUES, CORE VALUES

Our Mission

Assist the public in the protection of life and property by minimizing the impact of fire, medical emergencies, and potential disasters or uncontrolled events.

Our Vision

A protected, prepared and healthy community

Our Values

Bellevue Fire embraces the City of Bellevue's Core Values and is committed to upholding and embodying them in our policies, culture and daily actions.

City of Bellevue Core Values

Exceptional Public Service, Stewardship, Commitment to Employees, Integrity, Innovation



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MESSAGE FROM THE FIRE CHIEF



Fire Chief Mark Risen

On behalf of the Bellevue Fire Department, I am very happy to present our Annual Report for 2016.

I have often thought that the true test of any organization and the people within it is how they manage change. The last year has certainly provided that test for our organization on many fronts. Once again, we were faced with numerous retirements, promotions, new faces and the transfer of personnel between assignments. At that same time, we were also challenged with a significant increase in structure fires and an overall increase in our general workload in all areas; prevention inspections, administrative tasks, budgeting and levy development.

All of these changes are the result of working in a city that is undergoing massive change before our very eyes. With a booming downtown, light rail implementation and the Spring District revitalization underway (to name just a few projects) there is substantial growth outside our windows at City Hall.

The good news is that, once again, the extremely talented men and women of this organization met every challenge in the best possible manner. It was extremely gratifying to watch our staff tackle new challenges or promote into new positions and perform magnificently at all levels of the organization.

It was also very rewarding to have our citizens show their support with the much needed Fire Facilities Levy. This levy will produce over \$6 million dollars annually for construction and renovation of fire facilities for the next 20 years. This stable funding source, along with an increase in our general Capital Investment Program, will allow us to start land acquisition, design and construction of Fire Station 10 in the next few years.

No amount of success is achieved in a vacuum and that is especially true for the Bellevue Fire Department. Without support from our City Council, the City Manager's Office and other departments within the city, the achievement of our mission would simply be impossible. Our success and accomplishments are shared with them, and the supportive public that we serve.

In closing, I would like to express my deepest appreciation for a successful 2016 to all members of the Bellevue Fire Department for their leadership and commitment at every level of the organization.

Respectfully,

Mark Risen, Fire Chief

BELLEVUE FIRE DEPARTMENT

2016 Department Statistics

- Personnel – 235 (FTE/LTE's) 199 (suppression/medical personnel)
- Total incidents – 18,365 (81.4% medical, 18.6% suppression/fires)
- Cardiac arrest save rate – 58%
- Fires confirmed to room of origin – 80.16%
- Emergency response time – 5:42 min/sec average (time from 911 call to first arriving fire apparatus on scene)
- Patient transports – 8,330 (total with private ambulances) 5,928 (Bellevue Basic & Advanced Life Support Apparatus)
- Maintenance inspections – 5,629

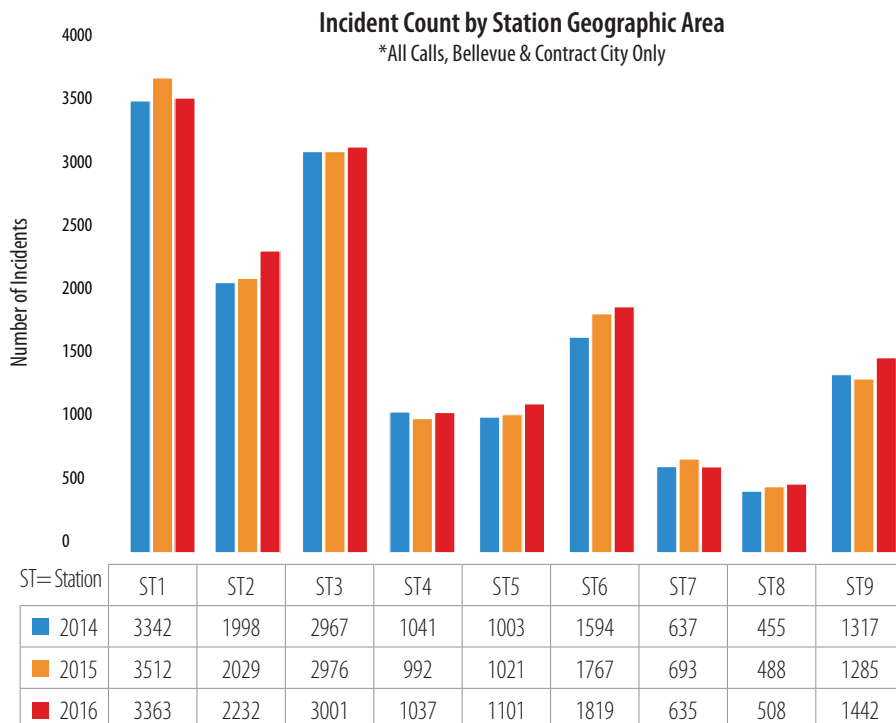


2016 Highlights

- Successful passage of the Fire Facility Levy and associated public outreach
- Selection of preferred site for Fire Station 10 and associated public outreach
- 22.3% increase in structure fires and continuous outstanding service
- Participated in King County opioid study and Bellevue Fire was the first agency to implement the use of Narcan
- The Office of Emergency Management conducted three exercises spanning federal, state, county and local government. Cascadia Earthquake, Complex Coordinated Attack and Winter Weather functional drills
- Recruitment of a new Emergency Manager
- Assignment of Administrative Captain to Sound Transit link light rail
- Successful hiring of lateral firefighters
- Completion of training burn prop and deployment of new hose, nozzles, thermal imaging cameras and smart phones
- Retention of Class 2 rating by (WSRB) Washington Surveying and Rating Bureau
- Accredited by the CFAI (Commission of Fire Accreditation International) and most recently, 2013 -2018
- The Bellevue Fire Department is the only nationally accredited and Class 2 fire department in the State of Washington

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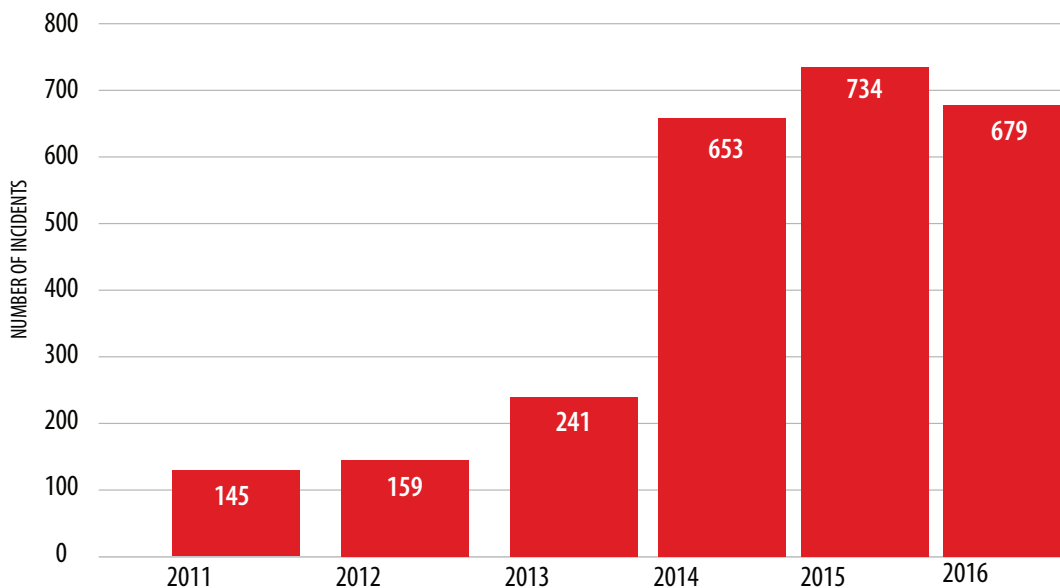
INCIDENT COMPARISONS



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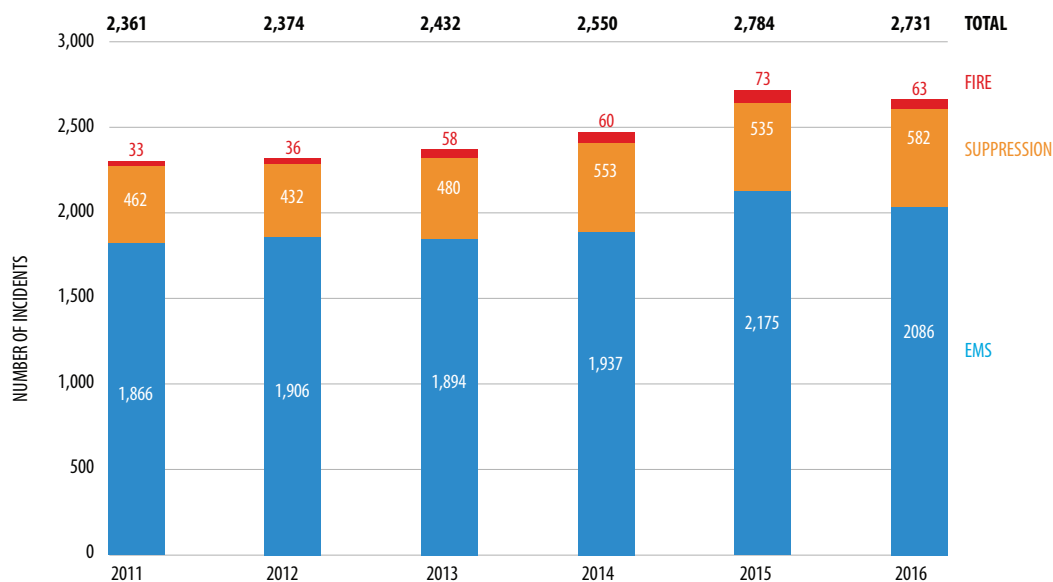
ANNUAL HIGHRISE AND CBD INCIDENTS

Annual Highrise Incidents
(2011-2016)



Between 2011 and 2016 incident volume in highrises increased by 520 emergency responses or 427%

Annual Central Business District Incidents
(2011-2016)



Between 2011 and 2016 incident volume in the CBD (Central Business District) has increased by 370 emergency responses or 14%

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BUREAU OF OPERATIONS



Deputy Chief, Bureau of Operations Mark Moulton

The Bureau of Operations supports the 199 suppression/EMS line personnel that in 2016 responded to 18,365 incidents, confined fires to room of origin over 80% of the time, transported over 8,000 patients and achieved a cardiac arrest save rate of nearly 60%. The cities we protect continue to grow and develop, in particular the downtown Bellevue core. Our continuing charge moving forward will be to maintain and wherever possible improve service to an ever denser, taller, more populated service area, to effectively adapt to such challenges as the East Link light rail project and to do so safely, nimbly and cost effectively. It's a charge we're eager to address. These dedicated men and women are tasked

with maintaining optimum operational readiness in a wide variety of public safety disciplines to include:

- Fire suppression
- Emergency medical services (basic and advanced life support)
- Technical rescue (structural collapse, confined space, trench, vehicle extrication, surface water, high angle, etc.)
- Hazardous materials incident response
- Fire prevention (company level inspections)
- Fire education (station tours, school programs, etc.)
- Station, apparatus and equipment maintenance
- Miscellaneous support activities (commercial occupancy pre-fire planning, map updates, hydrant location and condition verification, etc.)



BELLEVUE FIRE DEPARTMENT

EMERGENCY MEDICAL SERVICES DIVISION



Battalion Commander, EMS Division Andy Adolfson (not pictured) Captain Victor Bourque, Lieutenant Dan Trippel

2016 was another successful year for the EMS Division. In the following paragraphs I will discuss some of the changes that occurred in our part of the organization and some of the change we effected.

Call Volume and Transport Revenue

The Department responded to a total of 18,365 alarms in 2016, 14,950 of which were EMS related calls, representing 81.4% of the total volume. 36.9% of these EMS incidents were ALS level responses and 18.5% were BSA (where we provide both ALS and BLS) responses. The following is the breakdown:

Bellevue & Contract Cities	
ALS Incidents	2,818
BLS Incidents	9,036
Total (BSA)	11,854
King County	
BLS Incidents	400
ALS Incidents	2,696
Total (King County)	3,096
Total EMS Incidents	
	14,950

Bellevue Fire transport units performed 5,928 transports to area hospitals in the past year, of which 61.7% were BLS transports. BLS transports created \$1,187,342.63 in revenue with an estimate of another \$130,000.00 that will likely be added to the 2016 total (completion of billing often occurs several months after the billing occurs due to processing time by the insurance companies). This could bring our total to around \$1,300,000.00.

Our CARES team made 399 visits to those needing additional assistance and had a very positive outcome rate. We are still consolidating these numbers but the initial reports are good.

New personnel

In 2016 EMS Training Lieutenant, Mark Weldon (May), and the Administrative Captain, Blaine Singleton (June), finished their esteemed careers by retiring. They were both big contributors to our EMS program as well as extremely hard workers. To fill these voids we have brought in Lieutenant. Dan Trippel and Captain Vic Bourque. Both are

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EMERGENCY MEDICAL SERVICES DIVISION

seasoned members of the organization and well in tune with what works, and what does not work, in the field. Dan and Vic have done a fantastic job getting up to speed and have really made the transition nearly effortless.

New paramedics and new paramedic students

Three Bellevue Firefighters completed the University of Washington Paramedic Training Program at the end of July. All three add to our long history of firefighter/paramedics who would be just as happy to pick up a hose line as to pick up an IV line. Their addition to the roster has led to more paramedic 'float' which allows the floating medic to get more exposure to the fire side of the business while giving them an opportunity to impart some of their wisdom to our line firefighters.

Two Bellevue Firefighters are currently in paramedic training and doing well. They were selected last spring during our annual testing process. They are projected to graduate in August of 2017 and return to Bellevue shortly after.

Nasal naloxone (Narcan) for EMTs

Bellevue Fire was selected as one of four agencies to train their EMTs on the administration of nasal naloxone (a.k.a. Narcan). The other agencies were Redmond, Shoreline and Eastside Fire and Rescue. The training was completed at the beginning of December and naloxone kits were deployed to the apparatus immediately after. The nasal naloxone program is a response to the wide spread abuse of prescription opioids and street drugs like heroin and fentanyl.

New CARES Team members

As the CARES Team is a practicum program for students who are working on their Masters of Social Work, we have regular turnover of team members. During 2016 some students completed their time in the program, while others joined the team. With this turnover we brought our number of students from six to ten. This added help is needed as our number of referral continues to grow at a high rate. This program has really turned out to be a service that the City needed.

Electronic Patient Reporting (ESO)

Our EMS Administrative Officer, Data Analyst and Business Analyst have worked hard to plan for our implementation of ESO. They have looked at hardware, training methods and the good and bad experiences, both locally and in other parts of the country. Their efforts and research in 2016 will allow for the smooth deployment of the system in 2017.

Deployment of BLS TerraStars

Earlier in the year we deployed three new TerraStar transport apparatus to Aid 1, Aid 2 and Aid 3. For the most part these new apparatus have been well received as have the Stryker Power stretchers they are outfitted with. That said, there have been some issues with the ride of the vehicles due to their suspension system and the current

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EMERGENCY MEDICAL SERVICES DIVISION

state of construction in the City. We are preparing to retrofit one of the apparatus with 'Liquid Springs' a hydraulic suspension system that has received excellent reviews from other area agencies. We are hoping this will be a good fix that can be applied to the other two BLS TerraStars.

There are many other projects and tasks taking place in the EMS Division. Our EMS Division has a history of innovation and grass roots inspiration. We are continually trying to reevaluate our methods, equipment, training and policies to make our service safer and more effective.



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BUREAU OF SUPPORT SERVICES



*Deputy Chief, Bureau of
Support Services Todd
Dickerboom*

The Bureau of Support Services encompasses three divisions: Training, Fire Prevention, and Supply & Maintenance. At the forefront of the department's mission, the Training Division makes certain that personnel at all levels have the knowledge, skills, and abilities to safely and effectively respond to emergency calls for service throughout the City of Bellevue and neighboring communities. Focusing on preventing emergencies before they happen, the Fire Prevention Division protects life and property through education, building design review, fire and life safety code enforcement, and fire investigation. Faithfully working behind-the-scenes, the dedicated members of the Supply & Maintenance Team are committed to providing the support necessary to guarantee our members have the proper tools and equipment to perform their duties, as well as ensuring our facilities are properly maintained and our apparatus are ready to respond at all times.

Supply & Maintenance Division

Apparatus

- Aid 5A removed from the fleet and surplussed.
- Liquid springs evaluated for installation on frontline Aid Units to improve the ride for patient transports. Retrofitting of A1, A2, and A3 to occur by mid-2017.
- Installation of new MDC's on all frontline apparatus started at the end of 2016. All reserve Engines and Aid units, along with Air Unit 1 will receive MDC's in 2017 as they cycle through for regular service.
- Approval received to purchase a new custom Tillered Aerial (Ladder) from Pierce Manufacturing.
- Approval received to purchase three Ford F450 chassis to be utilized for the construction of new Medic units in 2017. Boxes housing the patient compartment and equipment will be remounted on the new chassis from existing Medic units. Chassis will receive four-wheel drive conversion.
- Expanded the rehab capabilities of the Air Unit to better support our members during extended incidents.
- A new Chevy 4x4 Pick-up purchased and outfitted for use by our Fire Investigation Team. Deployment – early 2017.

Equipment

- After research and evaluation, new 1¾" and 2½" Task Force Tip Firefighter Nozzles

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Supply & Maintenance Division (continued)

and Gated Wyes ordered for all frontline and reserve engines. Deployment - early 2017.

- After research and evaluation, 9 new Argus Thermal Imaging Camera's ordered for frontline apparatus. Deployment - early 2017.
- 120 new SCBA rope bags and 9,000 ft. of 6mm Rescue Prusik Cord ordered to replace existing equipment. Deployment - early 2017.
- New Apple iPhones ordered for frontline apparatus. Deployment – early 2017
- Trail Rescue equipment purchased for Station 8 personnel to utilize during emergencies.

Facilities

- Major shrub pruning and tree cutting completed at Fire Stations 3, 7, and 9.
- Installation of Keypad/Card Key access at Medic 1 quarters.
- New range/oven installed at Fire Station 4.
- Refrigerators replaced at Fire Stations 2 and 5.
- Two stacked clothes washer/dryers installed at Fire Station 2.
- Front aprons and sidewalks at Fire Stations 3 and 6 evaluated for repair/replacement. Construction to occur by mid-2017.
- All fire station wall maps upgraded. Most were 15+ years old.

Other

- Civic Services (Facilities) continues to work alongside the Bureau of Support Services in a cooperative partnership to assist with facility repairs, installation of equipment, and preventative maintenance at all 9 Fire Stations and the Training Center.
- Work began with Civic Services on finalizing a Preventative Maintenance Plan for items affecting each fire facility. The process continues into 2017.
- A new portable Forcible Entry Door prop was ordered for firefighter training.
- The Suppression and Rescue Equipment Team developed an equipment replacement plan through 2020, which assures all Engine and Ladder equipment has an expiration date and replacement budget. The team also compiled a list of inventory needs to better equip our four reserve engines.
- To increase efficiency, a new on-line Uniform ordering system is under development. Plan is to go live in February 2017.
- Deputy Chief Marty LaFave retired at the end of November after 36 years of service. Battalion Chief Todd Dickerboom was promoted to replace him on December 1st.

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TRAINING DIVISION



*Battalion Commander,
Training Division Steve
Thomas (not pictured)
Captain Keith Allen,
Lieutenant Doug Halbert*

The Training Division is charged with developing and improving firefighting techniques as well as standards for rescue and Emergency Medical Services and evaluating and maintaining quality control of firefighting methods used by the fire suppression and rescue division. Staffed with a Battalion Chief (who also serves as the Department's Safety Officer), a Captain, Lieutenant and Administrative Assistant, the Training Division manages a variety of programs to train and protect firefighters and staff. Training programs include Recruit Academy, Driver Operator certification, Acting Lieutenant and Acting MSO certification, and officer training. The Division works cooperatively with various local and regional partners to enhance our capabilities and resources. Our training partners include the East Metro Training Group (EMTG) and the King County Training Officers Association.

- Conducted review of the department's respiratory protection program.
- Conducted Lateral Recruit Academy at Bellevue Training Center for 6 recruits.
- Conducted Lieutenant promotional examination.
- Provided refresher training for all FireBlast prop operators.
- Facilitated Live Fire Training for Bellevue and EMTG at the Bellevue Training Center during November Multi-Company Operation drills (MCOs).
- Conducted 19 Post Incident Analyses (PIAs) following significant fire incidents.
- Conducted All Officer training meetings (AOMs) in March, June, September and December.
- Developed/facilitated training for Fire/EMS Safety Week.
- Conducted Annual Fitness Evaluations for B Platoon.
- Conducted semi-annual Personal Protective Equipment (PPE) inspections.
- Conducted entry-level firefighter recruitment and examination process.
- Conducted 6-month exam for Bellevue Recruit Academy 2015-2.
- Developed and instructed EMTG multi-family MCOs at Bellevue Training Center.
- Conducted several re-entry evaluations.
- Coordinated facility upgrades including burn room and burn prop upgrades.
- Chaired and conducted quarterly Safety Committee meetings.
- Company Evaluation Drills were conducted for all crews at the Training Center in October.

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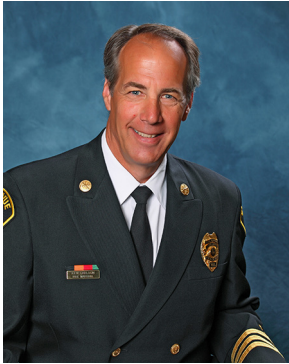
TRAINING DIVISION

- Successful transition from Capt. Allen to Capt. McLean as Assistant Training Officer.
- Facilitated hearing tests and respiratory screening for Operations personnel.
- Tested, evaluated and facilitated selection of new thermal imaging cameras (TICs).
- Tested, evaluated and facilitated selection of new nozzles.
- Tested, evaluated and facilitated the deployment of new 1-3/4" fire hose for all engine companies.
- Hosted the following training at the Bellevue Training Center:
 - Tactics Training
 - HOT (Hands-on Training) drills
 - EVIP (Emergency Vehicle Incident Prevention) training
 - Command Post Training for Chief Officers
 - PIO (Public Information Officer) Boot Camp
 - ODA (Officer Development Academy) classes
 - WANIC (Washington Network for Innovative Careers)
- Served as EMTG Group Leader and led the group that reviewed and updated the Best Practices document for 2017.



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FIRE PREVENTION DIVISION



Fire Marshal Ken Carlson

Maintenance Inspections

Our goal is to inspect buildings every other year, except multi-family buildings that lack a fire alarm or fire sprinkler system which we aspire to inspect annually. This represents, 1,436 buildings and 4,758 occupancies. In 2016 we inspected 1,344 buildings and 4,285 occupancies – 93.59% and 90.06% respectively of our goal.

The significant increase in fire investigations and development activity were primary drivers that diverted our resources and led to falling short of our goal. Based on the increase in development activity, we will be hiring an additional Fire Prevention Officer in January 2017.

New Construction Inspections

In addition to the maintenance inspections described above, the Bellevue Fire Department, in conjunction with other departments in Bellevue and our contract cities inspects fire/life safety systems and new buildings and structures and alterations to the same. In 2016 we performed 5,344 of these inspections.

Fire Review

We have a staff that are co-located with other Development Services staff to review fire/life safety systems and access to buildings to ensure that they meet applicable codes and standards. In 2016 we completed 4,351 such reviews.

Fire Investigations

2016 was a particularly busy year for our fire investigators as we were dispatched to 39 fire scenes whereas we are typically dispatched to approximately 20 fires per year.

Aside from what has been mentioned already, our staff also spend time on a myriad of other activities such as responding to complaints, special events, fireworks displays and professional training.



BELLEVUE FIRE DEPARTMENT

FIRE PREVENTION DIVISION

Notable Fires

2016 was a particularly busy year for our fire investigators as we were dispatched to 39 fire scenes whereas we are typically dispatched to approximately 20 fires per year.

- 33 of the fires were in residential occupancies
- 12 of the fires originated on the exterior (3 related to use of barbeques)
- 6 of the fires originated in garages
- 3 of the fires were related to illegal grow operations
- 1 of the fires was attributed to arson

The Bellevue Fire Department is responsible to investigate all fires in order to determine the origin and cause of the fire. However a fire investigator is only requested to respond to the fire scene when the following criteria are met:

- All known or suspected incendiary (arson) fires.
- A fire related injury or fatality has occurred.
- All fires with a significant (\$10,000 or more) fire loss, except vehicle fires, or
- If the complexity of the fire is beyond the Incident Commander's capabilities to determine the origin and cause.

These were some of the most notable fires investigated this year:



January 26, 2016

On January 26th an attempted murder/suicide resulted in a fatality. The suicide victim started a fire in their residence of a multi-family building prior to committing suicide.



March 21, 2016

This March 21st fire was one of three fires that occurred in illegal marijuana grow operations. The cause of each fire was related to overloaded electrical wiring or circuits

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FIRE PREVENTION DIVISION



April 14, 2016

This April 14th fire occurred when a new driver failed an attempted u turn and ended up striking a natural gas meter and the house.



July 30, 2016

This fire occurred on July 30th after the barbeque was inadvertently left on "high" for nearly 6 hours. Radiant heat ignited the enclosure and extended to the house. The barbeque did not appear to have been installed in accordance with the manufacturer's installation instructions.



July 24, 2016

This July 24th condominium fire most likely originated in the void space between the 3rd floor laundry room and the adjacent living unit. The most possible source of ignition is radiant heat and or conductive heat from the dryer duct.



October 24, 2016

Firefighters responded to a two alarm condo fire on October 24th in the downtown area. 25 fire department apparatus were on scene combatting the blaze. Arriving fire crews reported heavy fire conditions and multiple victims trapped. Three patients were rescued from the building by firefighters - one with smoke inhalation and minor burns and two in cardiac arrest. Pulses were regained with the two cardiac arrest victims. Unfortunately they later died at the hospital.



July 27, 2016

This July 27th fire originated on the lower exterior deck of the dwelling and the most probable cause was discarded smoking materials. The fire extended to the dwelling, attached elevated deck and neighboring fence before it was extinguished.

The fire originated within a plastic recycle bin inside of a bottom level unit. The most probable source of ignition was discarded smoking materials.

BELLEVUE FIRE DEPARTMENT

PUBLIC EDUCATION AND OUTREACH DIVISION



*Public Information Officer
Lieutenant Ryan Armstrong
(not pictured) Community
Risk Reduction Specialist/
Educator Heather Wong*

Citizens were reached over 158,000 times in 2016 through public outreach classes, station tours, community events and social media.

Outreach included: health fairs, safety fairs, summer block parties, senior fairs, resource fairs, science fairs, a Seahawks rally, fire drills, cultural conversations, DUI high school drills, elementary school field days, international festivals, connection camps, 4th of July celebrations, home safety preparedness presentations, national night out safety presentations, fall prevention education, utilizing social media to receive input from citizens and update them on emergency incidents, education and department projects.

Annual Open House – The original date of the 2016 Open House was October 15th. A heavy storm was predicted to pass through our region, so for the safety of our citizens and staff, we rescheduled. It was enlightening to see with such short notice on advertising, staffing and organization that the rescheduled date of November 5th was a success. Over 2,500 attended the event and over 100 children drew out a home escape plan for a chance to win a “Ride to School in a Fire Engine.”

Unattended cooking fires are the leading cause of fires today. Staff recreated a great visual on what to do and not to do if you’re faced with a stove top fire. “Put a lid on it.”

These events align with achieving our mission to strengthen our ability to engage effectively with our public.



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PUBLIC EDUCATION AND OUTREACH DIVISION

Methods of Outreach

EDUCATION		
59 station tours/classes taught	4,653 attendees	
COMMUNITY EVENTS		
75 Community Events	80,250 attendees	
SOCIAL MEDIA		
183 Facebook posts	47,431 responses	2,533 followers (up 53%)
199 Twitter tweets	25,937 responses	6,536 followers (up 41%)



BELLEVUE FIRE DEPARTMENT

OFFICE OF EMERGENCY MANAGEMENT



*Emergency Manager
Curry Mayer*

The Office of Emergency Management embodies what it means to be dynamic. The OEM team successfully maneuvered significant changes throughout the year while achieving a plethora of accomplishments. This was demonstrated through four strategic hires and an increase in efforts to strengthen interdepartmental ties, increase intergovernmental connections, and rally regional support and cooperation. Amidst all the challenges of 2016, OEM successfully embarked on a relationship with the Washington Service Corps, bringing on two AmeriCorps members to facilitate the delivery of personal preparedness messaging throughout the city and reinforce our internal emergency response planning efforts and EOC processes. To help support these efforts, we underwent major staffing re-organization, completing the year by bringing on a new Emergency Manager with over 25 years of experience in Emergency Management. As we move into 2017, we look forward to continuing this momentum by continuing our efforts toward creating a more resilient Bellevue.

Administration and Planning

- Acquired and implemented an emergency management incident tracking (EMIT) system to strengthen our response capabilities in the EOC.
- Developed and implemented supporting guides & tools for EOC Sections
- Adopted and implemented Bellevue Inform, an internal emergency notification system
- Participated in the development of the Fire Coordination Center
- Improved EOC activation protocols for Special Events (i.e. July 4th & First time EOC activation for Snowflake Lane)
- Made significant progress on the City of Bellevue's COOP
- Updated OEM's Strategic Plan
- Initiated MOU discussions and planning efforts with Bellevue School District
- Initiated the update of COB's Donations policy revision in collaboration with Finance Dept.
- In coordination with other departments, OEM initiated discussions and drafted the following plans and policies:
 - COB's Volunteer & Donations Management Plan
 - Shelter Plan
 - Debris Management

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OFFICE OF EMERGENCY MANAGEMENT

- Call Center
- Duty to Report
- Continue to build upon relationships with partnering organizations including:
 - Bellevue College and Bellevue School District
 - Point Communities
 - King, Pierce, and Snohomish Counties
 - Neighboring jurisdictions
 - Overlake Hospital
 - Private Industry such as Boeing and Microsoft
 - National Weather Service & the Weather-Ready Nation Ambassadors Program

Training and Exercise

Training and exercises are key to identifying our capabilities as well as areas where improvement is needed prior to an actual disaster event. Exercises give us an opportunity for practice in a no-stress environment, while subsequent training can then focus on strengthening capabilities. All of these activities would not be successful without your expertise and commitment. During 2016 we have had the opportunity to participate in and conduct several formal exercises for City of Bellevue staff. OEM's Training and Exercise Division facilitated 39 trainings, averaging about three trainings per month throughout 2016.

Training highlights including

ICS 100/200/700, ICS 300, ICS 400, Bellevue Inform, EMIT, EOC Sections and EOC Processes

Exercise highlights including

Cascadia Rising Functional Exercise, Operational Section Tabletop Exercise and Winter Weather Functional Exercise

Cascadia Rising

On June 8th, in coordination with Federal, State, County, and Local governments, we participated in an International exercise spanning Canada, Washington, Idaho, and Oregon jurisdictions. The Cascadia Rising Earthquake Exercise was a four day exercise. Bellevue's EOC was fully activated on day two of the exercise. With over 100 participants working out of our Emergency Operation Center, our EOC staff were exceptional in working with the tools available to negotiate our newly implemented Emergency Management Incident Tracker (EMIT) system, EOC processes and different positions. Many areas of improvement that were identified have already been resolved and many more are in progress.

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OFFICE OF EMERGENCY MANAGEMENT

Integrated Emergency Management Course

In June of 2016, the City of Bellevue hosted an Integrated Emergency Management Course (IEMC), based on a Complex Coordinated Attack (CCA) scenario. This four day, FEMA led course, included presentations by subject matter experts and a series of tabletops designed to address how Bellevue and the surrounding region would respond to a CCA. Representatives from most city departments, along with numerous regional partners, participated in this course. The IEMC was successful in identifying gaps in our region's response capabilities and strategies for how to overcome those gaps to improve resilience.

November 1st Winter Weather Functional Exercise

The exercise was designed to support and promote the evaluation and assessment of the City of Bellevue's Emergency Operations Center (EOC) and Department Coordination Centers (DCCs) response to a winter weather scenario. This exercise was the first time in recent history that multiple DCCs have activated in conjunction with the EOC. The following DCCs were activated from 9:00am-12:00pm: Utilities, Police, Fire, Transportation, IT and Development Services. The EOC was activated from 10:00am-12:00pm with all sections staffed. The exercise was supported with participation from NORCOM as well as regional partners who assisted as evaluators.

Outreach

In 2016, OEM's Outreach Division performed face-to-face outreach with more than 1,500 people including Bellevue residents, contract cities, transportation providers, faith-based and community-based organizations and regional partners. The year was spent strengthening our outreach capabilities by expanding our volunteer initiatives and supporting our growing pool of volunteers.

- Citizen Corps Council – six neighborhoods represented and growing
- ERT – 27 graduated members with seven remaining vigilant as part of our new and growing Bellevue CERT
- Bellevue Communication Support – 47 active members
- New Initiative in 2016 – Special Event support (supported our Snowflake Lane effort)

2016 OEM Outreach Events

- Jan through Mar - Winter CERT, 24 hour class time, five hour drill, two hour graduation (30)
- Mar through October – Monthly Public Safety Library Series (30 total)
- January 29th – Hossana Fire Safety Emergency Prep presentation in Spanish three hour event (100)
- February 3rd – Adverse Weather Preparedness Transportation Workshop (50)

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OFFICE OF EMERGENCY MANAGEMENT

- February 19th - Basic Individual Emer. Prep presentation, Bellevue College – two hours (30)
- March 15th - Overlake Hospital Safety Fair (50)
- March 17th - Indian Association of Western Washington Resource Fair (100)
- March 23rd – Community and Faith Based Organization Preparedness Standards Training (30)
- March 30th – LDS Emergency Preparedness Fair (100)
- April 4th – ELLA (English Language Learners Alliance) Personal Preparedness Presentation (75)
- April 4th – Bellevue Big Picture School Earthquake Science presentation (80)
- April 7th – Child Safety Fair Factoria Mall (50)
- May 17th – Downtown Bellevue Resident’s Association Social (15)
- May 18th – Annual Somerset Emergency Preparedness/Block Watch Captains Summit (25)
- May 21st – Bellevue’s first ever Neighborhoods Conference (30)
- May 25th – Vulnerable Populations Disaster Planning Workshop (100)
- June 4th – Yarrow Point Emergency Preparedness Fair (50)
- June 16th – Bridle Trails Neighborhood Block Party – Map Your Neighborhood presentation (15)
- June 21st – Boeing Emergency Response Expo (100)
- June 25th – BCS Field Day
- July 19th – Hero House Personal Preparedness Presentation (30)
- July 20th – Bellettini Retirement Community Talk (40)
- August 2nd – National Night Out (100)
- September 17th – Auto Angels Car Show event (30)
- September 20th – Bellevue Pacific Tower Emergency Preparedness Presentation (5)
- September 23rd – First ever Faith-Based and Emergency Preparedness Summit (30)
- September 28th – 5th Annual Flu Shot Clinic and Community Resource Fair (50)
- September 30th – Bellevue College America’s PreparAthon event (100)
- October 3rd – Adverse Weather Preparedness Workshop Snohomish County (25)
- October 7th – Adverse Weather Preparedness Workshop King County (25)

BELLEVUE FIRE DEPARTMENT

OFFICE OF EMERGENCY MANAGEMENT

- October 12th – Family Health and Fitness Night (50)
- November 8th – Map Your Neighborhood Facilitator training for Yarrow Point (20)
- November 15th – Sammamish Heights Homeowners Association (25)

Other Outreach

- City Hall participated in Great ShakeOut Earthquake Drill
- Completed CERT #2
- Hosted and lead first ever Faith Based Organization and Emergency Preparedness Summit in conjunction with National Preparedness Month
- Translated and delivered home safety presentation in Spanish to meet stakeholder needs (i.e. Hossana)
- Increased integration of OEM volunteer groups in response efforts
- In conjunction with regional partners, organized Vulnerable Populations Workshop on Building Resiliency Across the Puget Sound
- National Night Out
- Participated with Bellevue College in an America’s PreparAthon emergency preparedness fair

Tally up totals in grants and project information

	2014	2015	2016
UASI	\$377,093	\$364,948	\$293,814
EMPG	\$93,865	\$95,220	\$77,040



ANNUAL REPORT 2016

FINANCIAL SUMMARY



*Fiscal Manager
Stacie Martyn*

In 2016, the Bellevue Fire Department under spent its annual budget by 0.5% or approximately \$210,000. The department spent \$45.1 million against an annual budget of \$45.3 million. The under expenditure was primarily due to employee vacancies in Fire Prevention and Emergency Management.

The largest expenditure category for the Fire Department is personnel costs (salary and benefits) for a staff of 214 uniformed employees and 29 civilian employees. Personnel costs account for 75.0% of expenditures, or \$33.7 million in 2015. The second largest category of expenditures is Interfund Services, 16.5% or \$7.4 million. Interfund expenditures include such services as Fleet, Information Technology, Fire Hydrant Maintenance, and Risk Management. Dispatch costs totaled \$1.4 million or 3.0% and supplies & services make-up the remaining 5.5%, or \$2.5 million of annual expenditures.

The primary focus of the department remains the provision of emergency services to the community. Approximately 91% of annual expenditures directly relate to the provision of these services. 5% of the department's budget is spent on Fire Prevention efforts. The remaining 4% is spent on education and outreach, city-wide emergency management services, and administration.

In 2016, Bellevue Fire collected \$16.8 million in operating revenues. This equates to 37% of the department's operating budget.

The department's largest source of revenue is on-going funding from the King County EMS property tax levy. The current levy was approved by voters in 2013 and expires in 2019. In addition to the \$8.7 million received for ALS services, the department also received \$2.2 million to partially fund Basic Life Support (BLS) programs.

Bellevue contracts with six municipalities to provide Fire Services to their communities. Bellevue Fire's extended service area includes the communities of Beaux Arts, Clyde Hill, Medina, Hunts Point, Yarrow Point and Newcastle. By regionalizing services all communities have experienced higher quality of service for a reasonable cost. In total, the 2016 revenue from this source was \$3.3 million. The six-year contract with the Fire Service customers ends December 31, 2017. In 2016, the department began working with our customers on a new long-term contract.

Other sources of revenue include, Basic Life Support transport fees and new construction review and inspection fees.

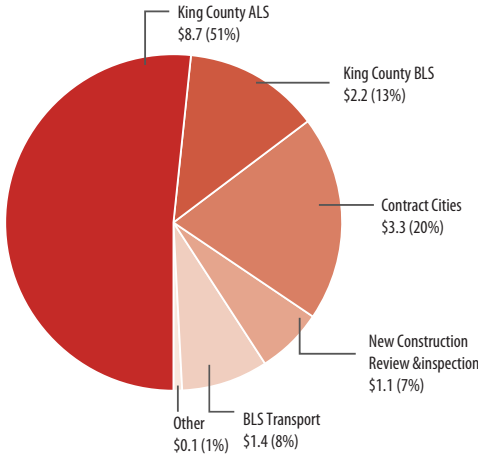
In November 2016, Bellevue voters approved a 20-year Fire Facility Levy to pay for the construction and other improvements to fire facilities. Projects to be completed with the levy funding include: the construction of Fire Station 10 to serve Bellevue's

BELLEVUE FIRE DEPARTMENT

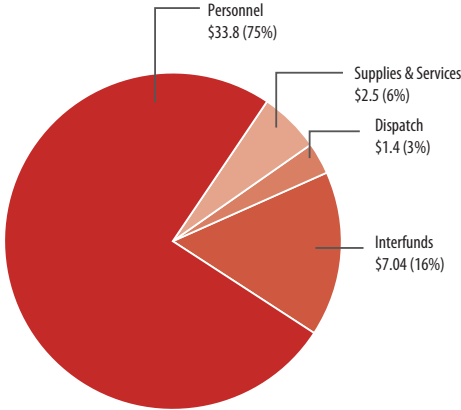
FINANCIAL SUMMARY

fastest growing neighborhoods, NW Bellevue and Downtown; the relocation of Fire Station 4; the acquisition of warehouse space to consolidate reserve equipment and to provide a central location for the repair of special equipment; and seismic retrofit and infrastructure upgrades to the seven remaining stations in Bellevue to better align the department facilities to serve the growing community.

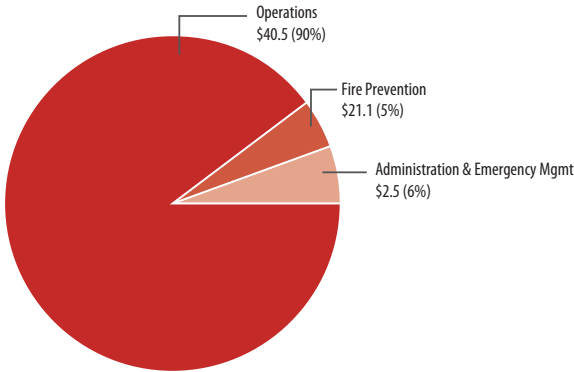
In addition to levy funded projects, the reconstruction of Fire Station 5 was previously funded in the City’s regular Capital Investment Program (CIP). And, in the 2017-2018 budget process, an additional \$1,000,000 was added to the Fire Facilities major maintenance program to address a number of deferred maintenance issues and to ensure department personnel are able to quickly and efficiently respond to fire and medical emergencies.



DEPARTMENT REVENUE
\$16.8 (in Millions)



EXPENDITURE BY TYPE
\$45.1 (in Millions)



EXPENDITURE BY FUNCTION
\$45.1 (in Millions)

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BELLEVUE FIRE DEPARTMENT
BELLEVUE WASHINGTON