



2015 Annual Report

SERVING THE CITY OF RENTON, KING COUNTY FIRE DISTRICT 25 & KING COUNTY FIRE DISTRICT 40



Professionalism • Integrity • Leadership • Accountability • Respect

Our Vision:

Working to make our community safer, healthier, and stronger

Mission:

In partnership with our diverse community, we are dedicated to:

- Responding to and recovering from emergencies
- Reducing risk for all hazards
- Building a culture of safety and support for our members
- Adapting to future challenges through strategic planning

Fire crews demonstrate to Liberty High School students what can happen when someone drives distracted and/or impaired.



Message from the Mayor



Our vision is to be the center of opportunity in the Puget Sound Region where families and businesses thrive. One of our goals is to provide a safe, healthy and welcoming atmosphere where people choose to live. We want to promote safety, health and security through effective communication and service delivery.

Renton Fire & Emergency Services (RF&ES) is working hard for our community. The summer of 2015 was very dry, resulting in a significant increase in natural vegetation fires. The number of fires for June through August surpassed the total for all of 2014. In addition, RF&ES responded to almost 15,000 calls, including emergency services, hazardous conditions and other services. Although 2015 was a bit of a challenge, RF&ES handled it well, continuing to show how dedicated they are to providing the best care possible to our community.

In February of 2015, Renton Fire and Emergency Services partnered with Valley Medical Center, Renton School District, Renton Community Foundation and the City of Renton Community Services Department for the Heart Month campaign. Free blood pressure and blood sugar screenings were provided to over 7,000 people at schools, businesses and community groups throughout Renton. Also, an educational message was given to more than 100 classrooms in 25 schools, reaching over 3,400 students.

The Emergency Management Division coordinated the Renton Emergency Preparedness Academy (REPA) for training residents and businesses in appropriate emergency/disaster actions. They also facilitated and provided mutual aid to other jurisdictions for significant emergency events in the region.

One of our most important goals is to ensure the safety and health of our community. We are very fortunate to have individuals who are dedicated to providing the highest standard of care possible. I want to extend my appreciation to each member of the department for making a difference and continuing to provide excellent service.

Sincerely,

Mayor Denis Law



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Message from the Fire Chief / Emergency Services Administrator

It is my pleasure to present the Renton Fire & Emergency Services Department 2015 Annual Report. This report provides updates on what each section of our department accomplished during 2015 and I have listed a few of them below. Thank you to all residents of the greater Renton community, Mayor Law, City Councilmembers and Fire Commissioners, who continue to show support for the department.

Response Operations: We had a very busy and productive year in 2015! We responded to 14,945 total incidents, of which 75% were emergency medical incidents. Due to the dry summer, we had several natural vegetation fires. Our fire calls increased from 456 in 2014 to 515 in 2015.

Safety and Support Section: We implemented a new electronic patient care report (ePCR) program last year. The system, known as ESO Solutions, was purchased by King County Emergency Medical Services (EMS). Each engine and aid unit is now equipped with an electronic tablet that allows our members to capture all of the information needed, helping with a quicker transfer of information to the hospitals.

Community Risk Reduction Section: We added two new inspectors to our team. As a result, we completed just over 1,500 more inspections and fire investigations compared to the previous year. In total, 2,517 inspections and 76 fire investigations were completed in 2015.

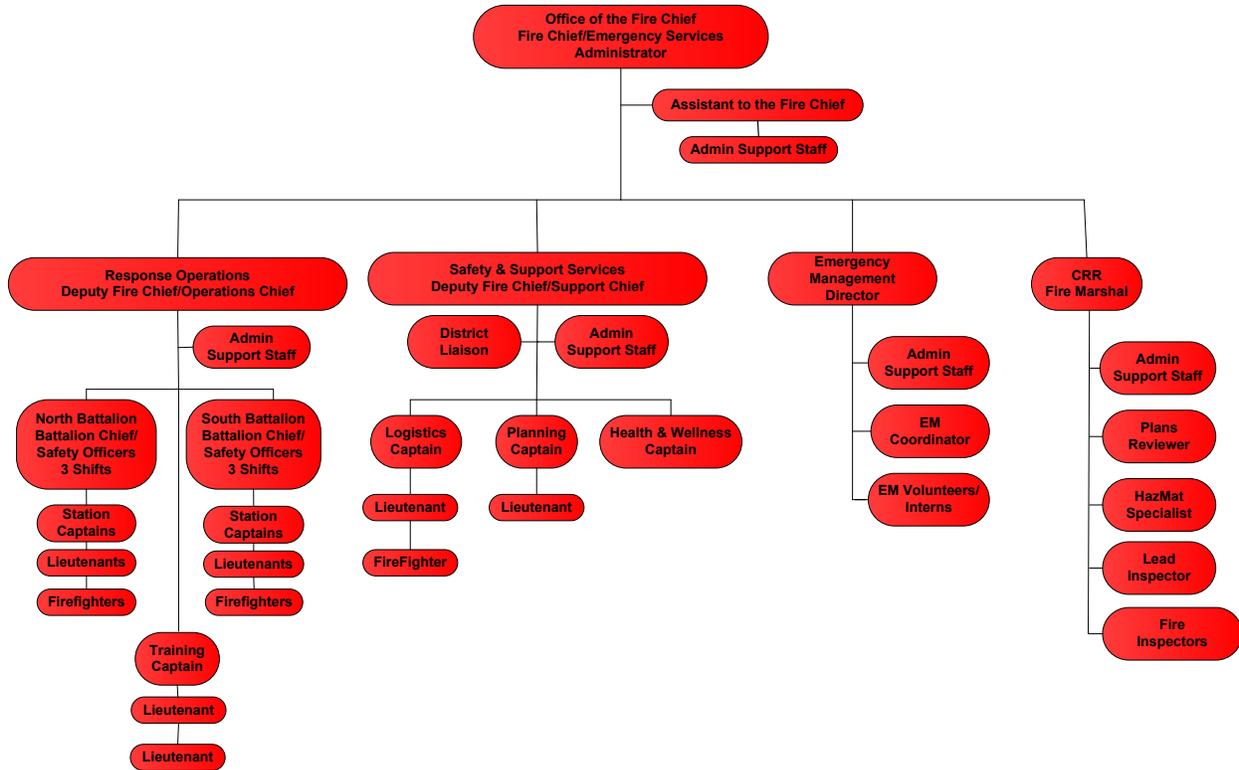
Emergency Management Section: We created a Community Point of Distribution (CPOD) plan and had volunteers help test it. Presentations were given at several events, including the annual Neighbor-to-Neighbor Forum.

We continue to live by our core values (Professionalism, Integrity, Leadership, Accountability and Respect) and look forward to achieving our goals in 2016. Thank you to the men and women of Renton Fire & Emergency Services who continue to show how important our values are and for their dedicated service to our community.

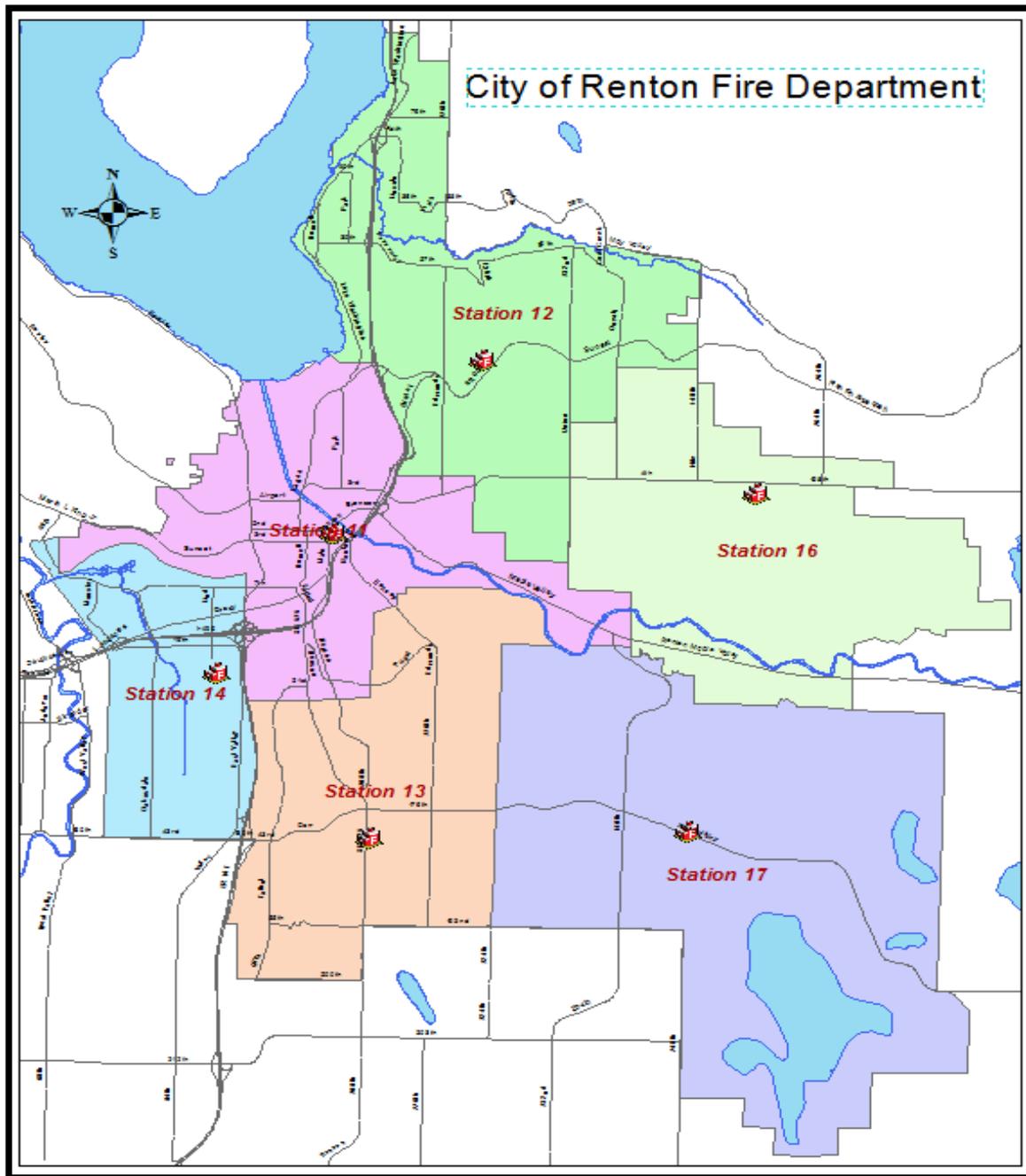
Sincerely,

Mark Peterson
Fire Chief/Emergency Services Administrator

Renton Fire & Emergency Services 2015 Organizational Chart



Service Area Map



King County Fire District #25 Commissioners

Ray Barilleaux, Chairperson
 Myron Meikle
 Kerry Abercrombie

King County Fire District #40 Commissioners

Cheryl Nichelson, Chairperson
 Ronnie Little
 Steve Parsons
 Charlotte Ryan
 Linda Sartnurak

Population Served by RF&ES

Renton Population	98,470
KCFD #25	7,600
KCFD #40	20,796

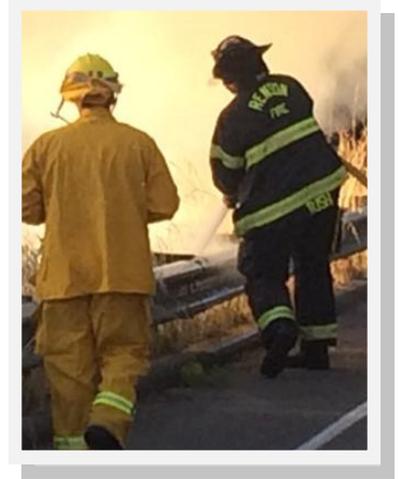
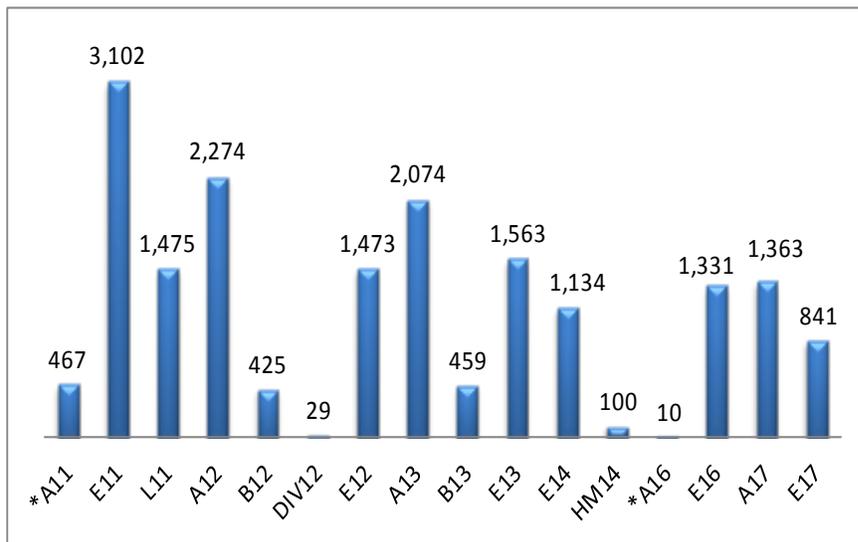
Total Population	126,866
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Service Calls by Unit

Response Operations personnel continue to provide an outstanding level of service to the citizens of our community. Time is divided between emergency responses, training in all facets of our “all-hazards” emergency environment to maintain expertise and safety awareness, and public interaction in the schools and at school and city-sponsored events.

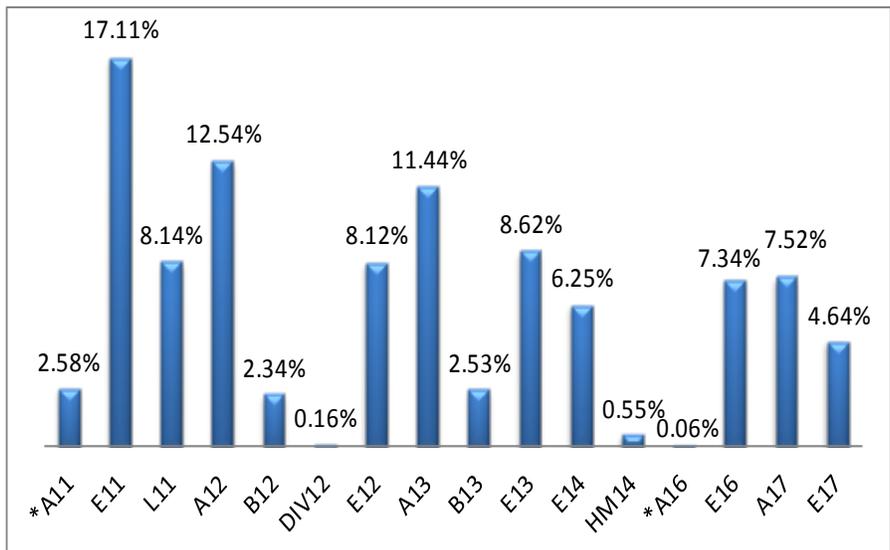
Number of Responses by Unit



Engine 17 crew battling a brush fire.

* Apparatus not in service full-time

Percentage of Responses by Unit



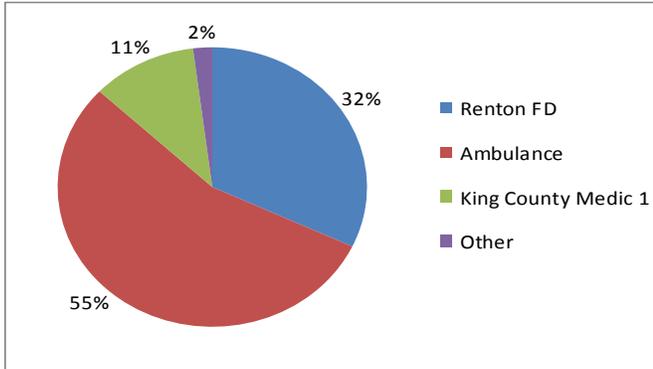
Crews stabilize patient as the rope techs lift the patient up the hillside.

* Apparatus not in service full-time

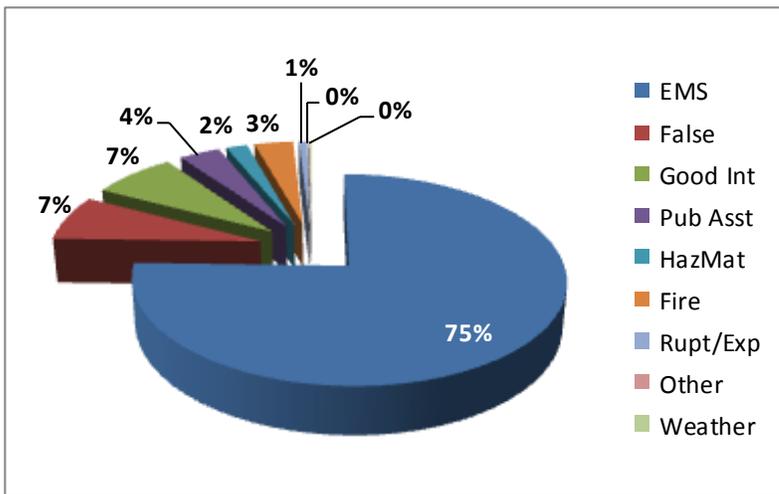
Response Operations



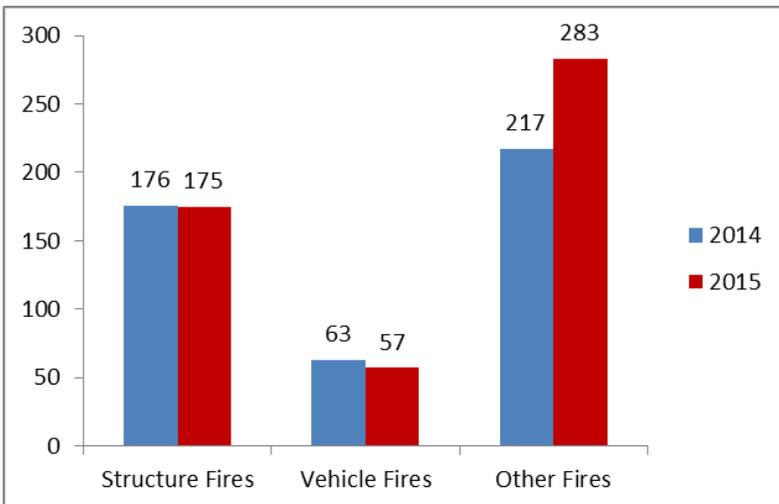
2015 Transports



Calls by Type



2014- 2015 Fires by Type



Emergency Responses

- 14,945 total incidents:
 - 515 fire incidents:
 - ♦ 175 structure fires
 - ♦ 57 vehicle fires
 - ♦ 219 natural vegetation fires
 - ♦ 64 other types of fires
 - 11,276 emergency medical incidents:
 - ♦ 849 motor vehicle
 - ♦ 73 involved pedestrians
 - 542 non-emergent calls for service
 - 1,116 good intent incidents
 - 1,076 false alarms
 - 281 hazardous conditions
 - 27 other types of incidents
 - 112 explosions (no fire)
- Total dollar loss from fires in 2015:
 - \$8,522,332 on property value of \$26.4 million.
 - The single biggest loss was \$1,553,650.
 - The 129 structure fires within the City of Renton limits resulted in \$7,875,463 in property loss.
- Technical rescue teams play an integral part in the safety of our residents, as well as cooperating with other teams in South King County.
 - The water rescue team responded to 29 incidents.
 - The hazardous materials team responded to 100 incidents.



Response Operations (cont.)

Response Times

Washington State law mandates that fire departments establish priority response criteria and measure their performance each year in meeting these standards. This measurement is taken in intervals that include:

- Turnout Time:** The initial time when units first receive notification of emergency to the point they respond.
- Travel Interval:** The measured time between turnout time and when the first fire department unit arrives at the scene/incident.
- Response Time:** The time between being dispatched and when the first fire unit arrives at the scene (Turnout Time + Travel Interval).

2015 Response Time Report Factors

Below are the top three factors that impact response time in excess of the aspirational goal:

1. Distance to call in assigned response area.
2. Responding out of assigned response area.
3. Multiple calls within response area.

The Renton Fire & Emergency Services Department uses a fractal time measurement to monitor overall response times. The first goal is to have each apparatus en route to the emergency within two minutes (turnout time). The second goal is to have the first unit arrive at the scene within seven and one-half minutes 90% of the time. These response time measurements allow the department to analyze those incidents where response times do not meet department goals and find ways to reduce response times in order to provide the highest level of service possible.

2015 Priority Response Results

Response Measures	Time
Turnout Time <i>The initial time when units first receive notification of emergency to the point they respond.</i>	Average: 1 minute, 41 seconds Fractal: 2 minutes, 33 seconds or less 90% of the time
Arrival of First Alarm Assignment <i>Three engines, one ladder, one aid unit, one command unit.</i>	Average: 11 minutes, 36 seconds Fractal: 12 minutes, 52 seconds or less 90% of the time
Arrival of First Engine at Fire Incident	Average: 5 minutes, 30 seconds Fractal: 7 minutes, 33 seconds or less 90% of the time
Arrival of EMT* at Emergency Medical Incident <i>*Emergency Medical Technician</i>	Average: 5 minutes, 4 seconds Fractal: 7 minutes, 26 seconds or less 90% of the time
Total Response Time (All priority Calls)	Average: 5 minutes 9 seconds Fractal: 7 minutes, 31 seconds or less 90% of the time



Crews utilize a 3 to 1 lift system to help packaged patient up the hillside.

Safety & Support Services



The Safety and Support Services Section of Renton Fire & Emergency Services includes the Logistics Division, the Planning Division, Health & Wellness and the Chaplains. A significant amount of work was accomplished within the Safety and Support Services Section in 2015.

Logistics

In early 2015, the Logistics Division was tasked with revising the Logistics budget. The primary purposes for modifying the Logistics budget included increasing transparency and improving efficiency. Routine expenses were identified in order to determine the amount of funding available for requests received related to equipment and supplies.



Planning

Beginning in 2014, the Planning Division was tasked with implementing a new electronic patient care reporting (EPCR) system known as ESO. By the end of 2015, the Planning Division not only completed the implementation of the new EPCR system, they also provided assistance to several other neighboring agencies that are preparing to make the transition to ESO.



Health and Wellness

Over the course of 2015, the Health and Wellness Captain worked to start the process of implementing occupational job injury reduction strategies. Targeted strategies were based on a review of occupational injuries that have occurred over the past twelve years. Work will continue in 2016.



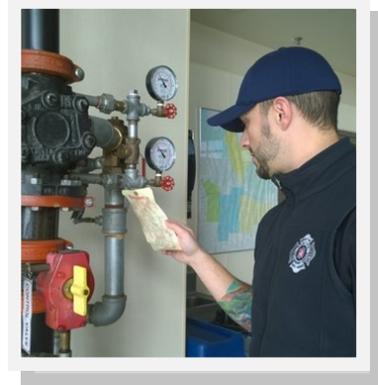
Chaplains

In 2015, our Chaplains provided 703 hours of service to the department and our community. Some of the services provided included station visits, assistance during medical and fire emergency incidents, and follow-up with families impacted by emergency incidents. Our Chaplains play an important role in the services we provide to our community.



Community Risk Reduction

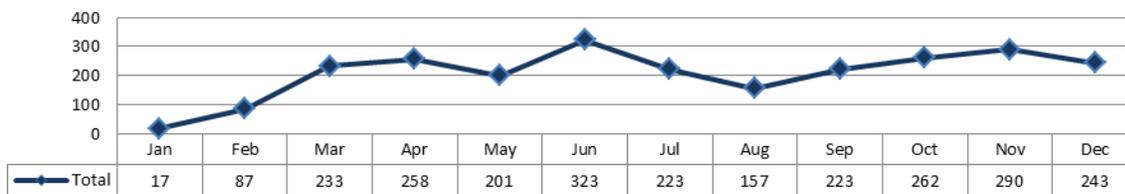
The goal of the Community Risk Reduction Section is to save lives, property, and the environment by preventing fires before they start, and to identify the cause and origin of fires. The Section works to reduce the frequency and severity of fires and other life-safety incidents through a multi-disciplinary approach that includes education, engineering, and enforcement.



2015 Significant Accomplishments

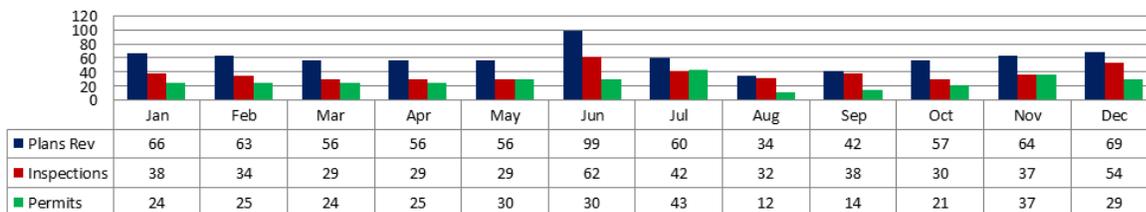
- Staff completed a total of 2,517 inspections (business, multi-family, IFC permit, special, complaint and re-inspections).

Fire & Life Safety Inspections by Month



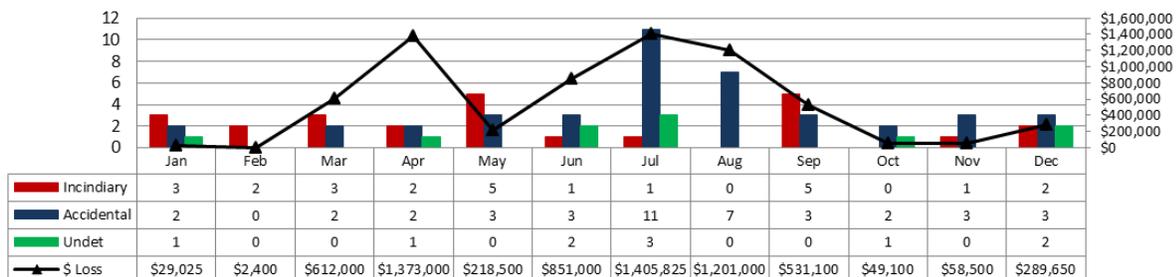
- Issued 314 permits and completed 722 plans reviews.

Plans Review, Inspections & Permits by Month



- Completed 76 fire investigations, resulting in close to \$6.5 million in property loss.

Fires by Month, Type and \$ Loss



Emergency Management



The work of Emergency Management is to help mitigate, prepare for, respond to, and recover from disasters. Important activities include conducting preparedness education and outreach to our diverse community, recruiting and training volunteers to help their neighbors during emergencies, planning for all kinds of hazards, designing training and exercises to test the plans, coordinating an effective response when disaster strikes, and helping our community recover more quickly from disasters.

2015 Activities and Accomplishments

- Created a Community Point of Distribution (CPOD) plan and recruited, trained, and exercised volunteers to test it.
- Revised and converted 4 more SOPs into the new electronic format for the Emergency Operations Center.
- Coordinated the Renton Emergency Preparedness Academy (REPA) for training residents and businesses in appropriate emergency/disaster actions, and conducted Ready in Renton outreach in September.
- Taught or facilitated multiple training classes to staff and volunteers on emergency management, disaster assignments, and preparedness, graduating 44 new Community Emergency Response Team Members.
- Facilitated and provided mutual aid to other jurisdictions for significant emergency events in the region.
- Two staff members completed Master's degrees related to Emergency Management and Leadership, and a third member began Master's studies in Public Health, bringing added perspectives to the EM program.
- Contributed to regional efforts, including the promulgation of the Regional Coordination Framework, the Resilient King County initiative, and development of the Emergency Management Assistance Teams.
- Made presentations at several high profile events, including the annual Neighbor-to-Neighbor Forum, multiple professional conferences/forums, Renton management meetings, and several large public audiences.



CERT member provides first aid to "victim" during class.



Volunteers practice distributing emergency food and supplies.

There is no higher calling than that of service and protection to our community.

