



# 2017 ANNUAL REPORT



# **LONGVIEW FIRE DEPARTMENT**

The background of the slide features a dramatic scene of a firefighter in silhouette, wearing a helmet and carrying equipment, positioned in front of a large, intense fire. The fire is bright orange and yellow, with thick smoke rising from it. The firefighter is facing the fire, and the overall atmosphere is one of bravery and emergency response.

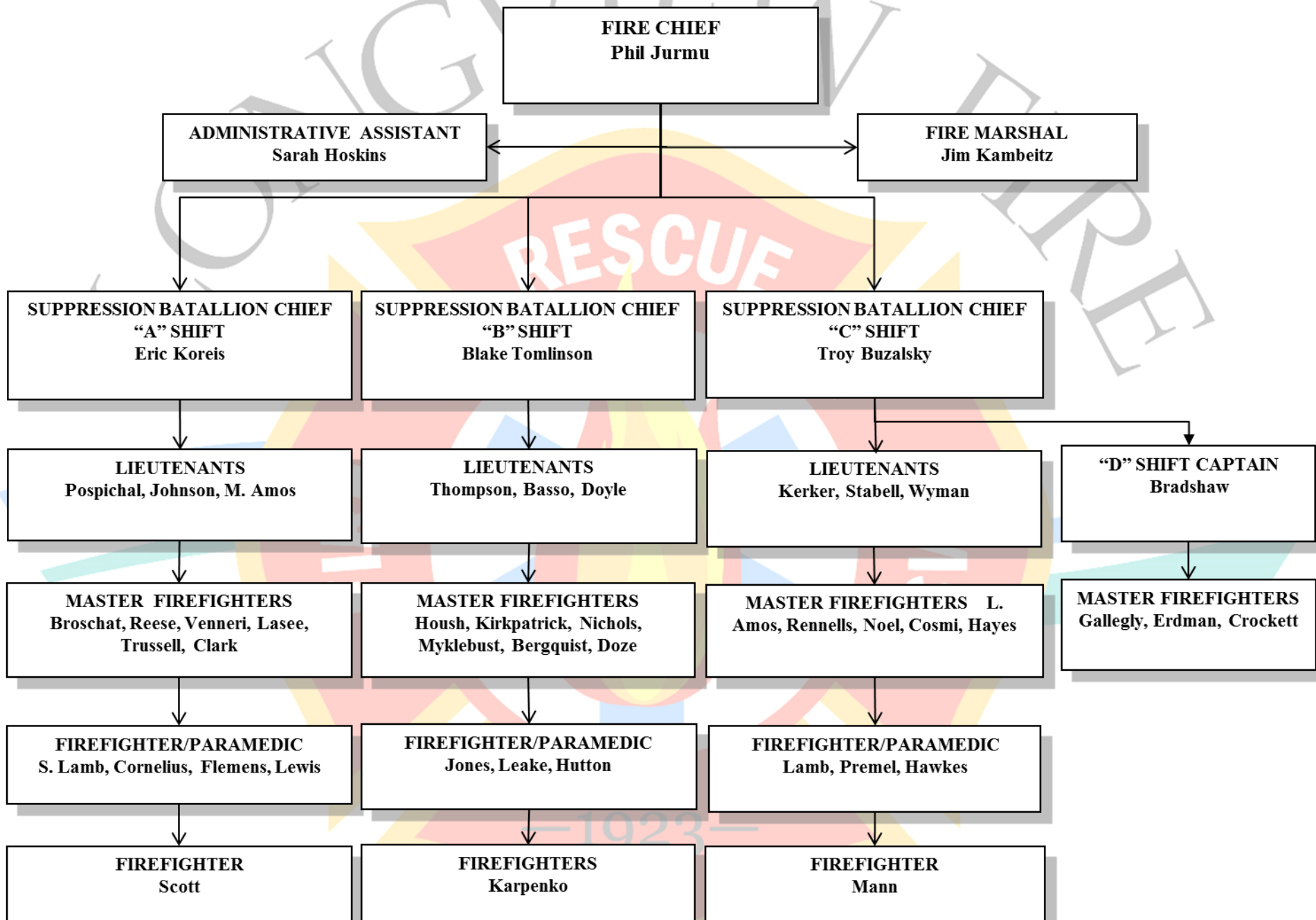
- **MISSION**

**“MAXIMIZE THE SAFETY AND WELL-BEING OF OUR COMMUNITY BY REDUCING RISK TO LIFE AND PROPERTY.”**

- **ESSENTIAL PRIORITIES:**

- **COMMUNITY RISK REDUCTION**
- **PREVENTION AND EDUCATION**
- **PREPAREDNESS**
- **EMERGENCY RESPONSE**

- **OUR MOTTO: “QUALITY SERVICE, TIMELY RESPONSE”**





# PERSONNEL CHANGES

- RETIREMENTS

- MASTER FIREFIGHTER LUKE AMOS MAY 2017
- MASTER FIREFIGHTER TIM HOUSH NOVEMBER 2017

- NEW HIRES

- FIREFIGHTER/PARAMEDIC GREG HAWKES AUGUST 2017
- FIREFIGHTER/PARAMEDIC MICHAEL LEWIS AUGUST 2017



# 2017 ACCOMPLISHMENTS

- IMPROVED EMS OUTCOMES – CONTINUED ROSC OUTCOMES
- IMPROVED INTER-DEPARTMENTAL DISASTER RESPONSE CAPABILITY BY CONTINUED COORDINATION OF DISASTER RESPONSE TABLETOP EXERCISES
- PARTNERED WITH COWLITZ DEM ON A MULTIPLE CITY DEPARTMENT EMERGENCY DRILL
- HOSTED A REGIONAL WORKSHOP WITH ELECTED OFFICIALS ON THE ELECTED OFFICIALS ROLE DURING AN EMERGENCY
- SCBAS REPLACED
- BUNKER GEAR ENHANCEMENT
- REPLACED AMBULANCE WITH A NEWER MODEL AND CONDITION
- STATION AIR QUALITY TESTS DONE AT STATION 81 AND 82

# 2017 ACCOMPLISHMENTS

- RECOGNIZED BOB NICHOLS 30 YEAR SERVICE AWARD
- LIEUTENANT SCOTT KERKER RECOGNIZED AS 2016 FIREFIGHTER OF THE YEAR
- CONTINUED EFFORTS IN REDUCING GAPS IN EMS SERVICES BY DEVELOPING ALTERNATIVE PRE-HOSPITAL CARE OPTIONS
  - COORDINATED COMMUNICATION BETWEEN SOCIAL SERVICE AND MEDICAL CARE AGENCIES TO ENSURE EXISTING SERVICES ARE UTILIZED
  - DEVELOPED SOCIAL SERVICE AGENCY RELATIONSHIPS TO IDENTIFY CURRENT GAPS
- STAFFED LFD AMBULANCE (MEDIC UNIT) 28% OF THE YEAR
- STAFFED AT LEAST ONE ADVANCED LIFE SUPPORT ENGINE 100% OF THE TIME
- PARTICIPATED IN COWLITZ 911 GOVERNANCE STUDY
- 6 FIREFIGHTERS SENT TO WILDFIRES IN CALIFORNIA



# PUBLIC EDUCATION

- CPR Training
- High Density Residential Education
- Student Fire Tours
- Career Days
- EDITH Drills
- Elementary Schools
- Smoke Alarm Drills
- EMT Student Work Experience
- Fire Prevention Week Tours and School Visits
- Smoke Alarms Installations in Highlands and Mobile Home Parks, 76 visits with 167 smoke alarms installed



## Safe Kids Events

- Car Seat Clinics & Fairs
- Attended Life Savers Conference
- Birth and Wellness Fair
- Bud Clary PACE Helmets
- Safe Kids Day
- Bike Helmets
- Listed as a Car Seat Inspection Location in National Registry
- Participated in Washington Safety Conference
- Maintained Life Jacket Boards at Willow Grove

**APPROXIMATELY 6739 PEOPLE REACHED THROUGH 66 DIFFERENT EVENTS**

# FIRE PREVENTION

- NEW CONSTRUCTION

- 128 COMMERCIAL BUILDING PERMITS REVIEWED – 5% OF TOTAL FEE IS FOR FIRE DEPARTMENT REVIEW
- 91 FIRE/LIFE SAFETY PERMITS REVIEWED - \$25,424 FEES COLLECTED
- 193 INSPECTIONS FOR NEW COMMERCIAL BUILDINGS

- EXISTING OCCUPANCIES

- 902 of 2019 COMMERCIAL INSPECTIONS COMPLETED
- 143 NEW BUSINESS LICENSE APPLICATIONS WERE REVIEWED
- 130 SPECIAL INSPECTIONS CONSISTING OF NEW BUSINESS LICENSE, IN-HOME DAYCARES, COMPLAINTS, AND MISCELLANEOUS CALLS FOR SERVICE WERE PERFORMED

- INVESTIGATIONS

- 6 FIRE INVESTIGATORS WITH OVERSIGHT FROM FM KAMBEITZ – EACH INVESTIGATOR RECEIVES 24 HOURS OF ANNUAL TRAINING
- 100% OF ALL FIRE INCIDENTS WHERE PROPERTY DAMAGE OCCURS IS INVESTIGATED; 121 INVESTIGATIONS WERE COMPLETED IN 2017
- 4 JUVENILE FIRE SETTERS CONTACTED AND REFERRED TO ADDITIONAL TREATMENT AS NECESSARY



# EMS ACCOMPLISHMENTS



- BASIC LIFE SUPPORT PROGRAMS

- I-GEL ADVANCED AIRWAY-MOST ADVANCED AIRWAY DEVICE ON MARKET
  - 98 I-GEL AIRWAYS WERE PLACED IN 2017
- NARCAN PROGRAM (OPIATE ANTIDOTE)
  - IN 2017 A TOTAL OF 92 PATIENTS RECEIVED NARCAN FROM LFD and AMR PERSONNEL(102 IN 2016)

- ADVANCE LIFE SUPPORT PROGRAMS

- STROKE CARE
  - BEGINNING IN 2016 LFD CHANGED THE WAY STROKE PATIENTS ARE TREATED, BY RAPIDLY TRANSPORTING THEM TO ST. JOHN MEDICAL CENTER WHERE EMERGENCY PHYSICIANS COMMUNICATE WITH PORTLAND BASED STROKE NEUROLOGIST.
  - 189 STROKE PROGRAM CANDIDATES IN 2017
- CARDIAC ARREST
  - WITNESSED CARDIAC ARRESTS WITH BYSTANDER CPR PERFORMED, AND VENTRICULAR FIBRILLATION OR VENTRICULAR TACHYCARDIA IS FOUND TO BE THE INITIAL EKG RHYTHM
  - 65 CASES TOTAL CASES ARE IN OUR DATASET (2014 TO CURRENT)
  - THE ROSC RATE FOR ALL CASES SINCE WE FIRST BEGAN COLLECTING DATA IS 84%

# EMS WORK PLAN

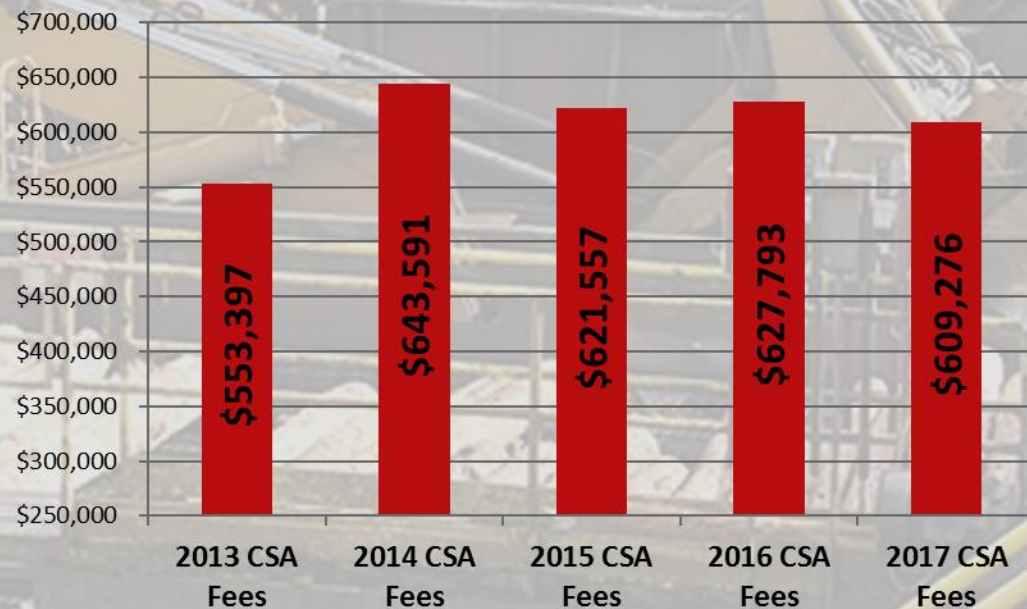
The background image shows several EMS workers in blue uniforms attending to a patient lying on a yellow and black stretcher. One worker in the foreground is wearing a high-visibility yellow and orange vest with reflective stripes. The scene appears to be outdoors on a paved surface, possibly at an emergency scene or training exercise.

- **CODES – COLLABORATING ON DEVELOPING EFFECTIVE SERVICES**
- **WHO ARE INVOLVED?**
  - AREA AGENCY ON AGING & DISABILITIES OF SOUTHWEST WASHINGTON
  - KAISER PERMANENTE
  - PEACEHEALTH
  - MENTAL HEALTH AND ADDICTION COUNSELORS
  - EMERGENCY RESPONSE AGENCIES
  - LOVE OVERWHELMING
  - GREAT RIVERS BEHAVIORAL HEALTH
  - ANY AND ALL SOCIAL SERVICE AGENCIES ARE INVITED
- **WHAT IS IT THAT THIS GROUP IS FOCUSED?**
  - FOCUSING SOCIAL SERVICE AGENCY MISSIONS
  - FOCUSED EFFORT ON ONE PERSON AT A TIME



# CONTRACTED SERVICE AREAS

- **15 EMERGENCY SERVICE CONTRACTS**
  - **PARTNERSHIP WITH COWLITZ 2 FIRE & RESCUE**
  - **\$609,276 TOTAL LONGVIEW REVENUE**
    - \$ 176,890 REIMBURSED EXPENSES; 29% OF TOTAL COLLECTION
    - \$ 432,286 ANNUAL FEES
    - 400 HOURS OF TRAINING; AVERAGE OF 9 HOURS PER EMPLOYEE







**M82**

# **AMBULANCE SERVICES**

- **AMR IS CONTRACTED FOR EMS TRANSPORTS IN LONGVIEW**
- **LFD MEDIC 82 STAFFED WHEN THERE IS AVAILABLE STAFFING;**
  - **STAFFED 102 DAYS IN 2017**
  - **TRANSPORTED 73 PATIENTS; BILLED \$101,711.80**
  - **COLLECTED \$28,498.61; 28% COLLECTION RATE**
- **EMS MUTUAL AID**
  - **86 – COWLITZ 2 FIRE & RESCUE**
  - **\$32,680 PASS THROUGH TO AMR**



# STANDARD OF COVER

## • EMERGENT MEDICAL RESPONSE

- 1577 EMERGENT INCIDENTS
- 1<sup>ST</sup> ARRIVING UNIT ARRIVES < 6 MINUTES 68% OF THE TIME
- ALS ARRIVES < 8 MINUTES 95% OF THE TIME
  - BEST PRACTICE FOR PRE-HOSPITAL CARE
    - 1<sup>ST</sup> ARRIVING UNIT <6 MINUTES 90% OF THE TIME
    - ALS ARRIVES <8 MINUTES 90% OF THE TIME

## • STRUCTURE FIRE RESPONSE

- 49 STRUCTURE FIRES
- ESTIMATED PROPERTY AND CONTENT LOSS - \$ 2,381,965
- 1<sup>ST</sup> UNIT ARRIVES < 6 MINUTES 71% OF THE TIME
- FULL ALARM ASSIGNMENT ARRIVES < 9 MINUTES, 86% OF THE TIME
  - BEST PRACTICE FOR STRUCTURAL FIRE RESPONSE
    - 1<sup>ST</sup> ARRIVING UNIT <6 MINUTES 90% OF THE TIME
    - FULL ALARM ASSIGNMENT ARRIVES <9 MINUTES 90% OF THE TIME

# **SPECIAL OPERATIONS (CONFINED SPACE)**



- **CONFINED SPACE PROGRAM**

- **PROVIDES CONFINED SPACE RESCUE PROGRAM FOR CITY OF LONGVIEW'S JURISDICTION AND CONTRACTED SERVICE AREAS. WE ALSO RESPOND WHEN REQUESTED VIA MUTUAL AID TO THE REST OF COWLITZ COUNTY.**
- **27 CONFINED SPACE RESCUE TECHNICIANS**
  - **6 MINIMUM ASSIGNED PER SHIFT**
  - **THE BALANCE OF PERSONNEL ARE TRAINED TO THE OPERATIONS LEVEL**
- **REQUIRED ANNUAL TRAINING**
  - **24 HOURS OF CLASSROOM AND HANDS-ON TRAINING**
  - **AT LEAST ONE (1) ANNUAL TECHNICAL EXERCISE**



# **SPECIAL OPERATIONS (ROPE RESCUE)**

- **ROPE RESCUE PROGRAM**
  - **INTEGRAL TO THE CONFINED SPACE PROGRAM**
  - **CROSSES OVER TO RESCUE EVENTS OUTSIDE OF CONFINED SPACES**
- **18 ROPE RESCUE TECHNICIANS**





# **SPECIAL OPERATIONS (MARINE FIREFIGHTING)**

- **MARINE FIREFIGHTER**

- CITY OF LONGVIEW IS A MEMBER OF MARITIME FIRE AND SAFETY ASSOCIATION (MFSA)
- PREPARE AND RESPOND TO SHIPBOARD FIRE INCIDENTS
- PRE-PLAN ALL LOCAL PORT FACILITIES

- **9 MARINE FIREFIGHTER TECHNICIANS**

- BALANCE OF PERSONNEL ARE TRAINED TO OPERATIONS LEVEL
- 24 HOURS OF CLASSROOM AND HANDS-ON TRAINING
- 4 ANNUAL TECHNICIAN LEVEL EXERCISES





# Station 81

Main Station at 740 Commerce Ave – Built in 1975



Condition – Fair to Poor, Needs Roof Replacement, Brick Cleaning and Sealing, Interior Improvements, Metal Façade Repair, Exterior Door Replacement

2007 HME Engine

1998 Pierce Engine – Reserve

2015 Chevy Tahoe – Command Vehicle

2015 Chevy Tahoe – Fire Marshal Vehicle

2015 Chevy Pick-up – Investigation Unit

1998 Sutphen Ladder Truck

1999 GMC Box Van – Special Ops

1994 GMC Box Van – Air Van

2003 Ford F350 – Utility Pick-up

Special Operations Trailers



# Station 82

West End Station at 2355 38<sup>th</sup> Ave – Built in 1976



Condition – Fair to Poor, Needs Roof Replacement, Metal Façade Repair, Interior Bay Area Lighting and Window Improvements

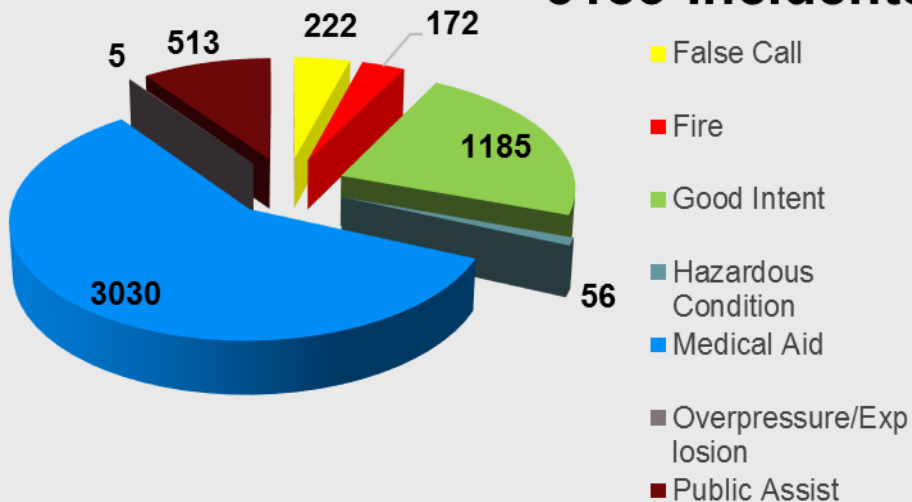
2012 Pierce Fire Engine

2003 Medic Unit

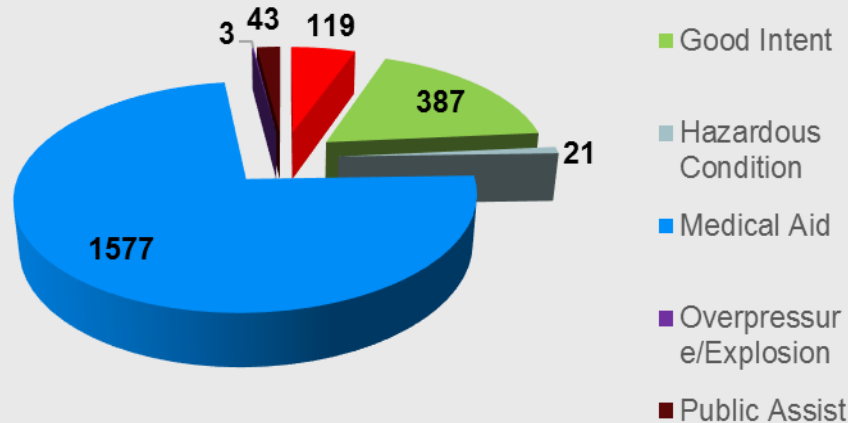
1998 Pierce Fire Engine – Reserve

# 2017 INCIDENT ANALYSIS

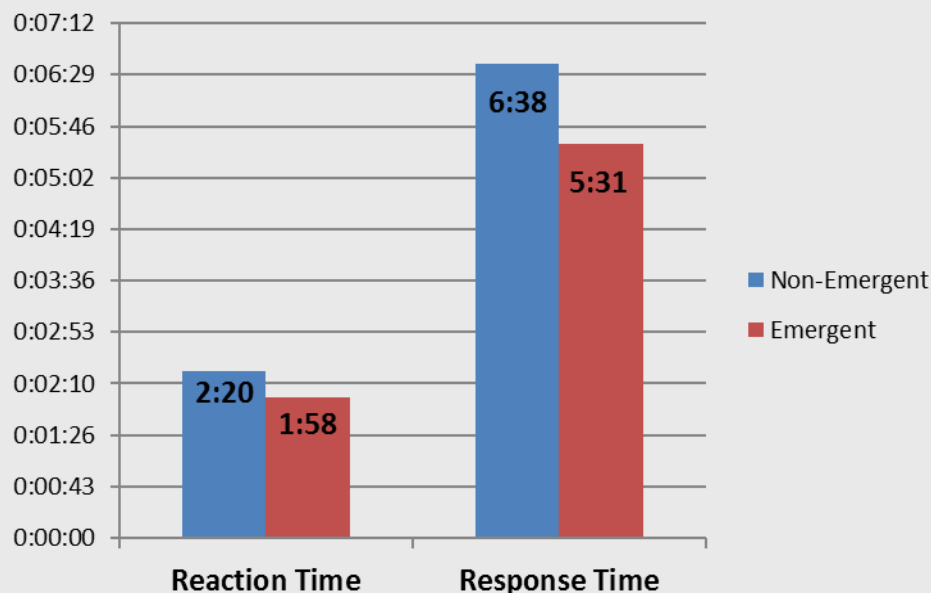
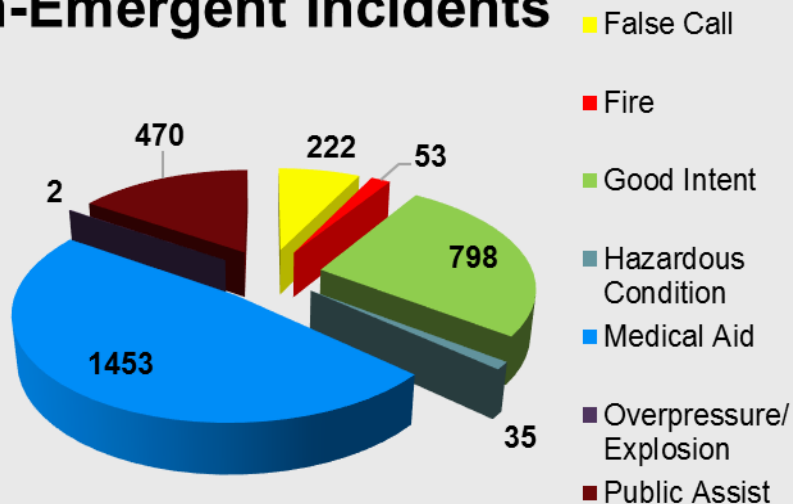
## 5183 Incidents



## Emergent Incidents

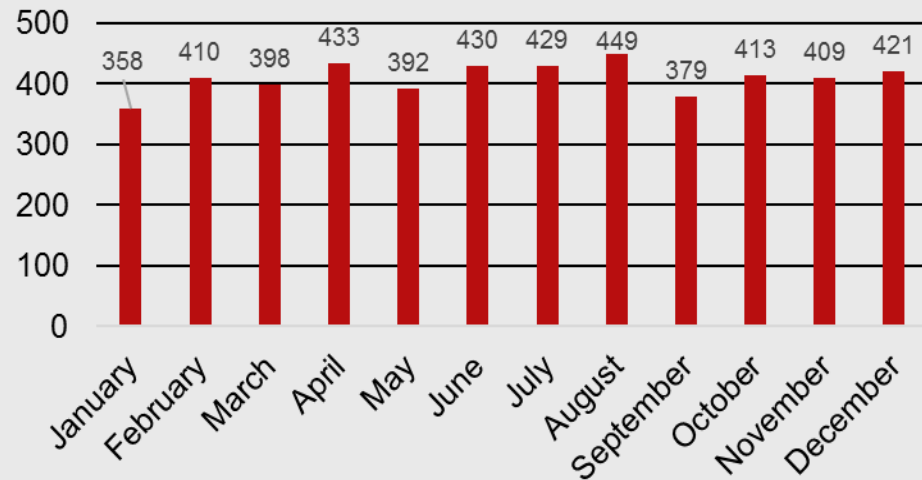


## Non-Emergent Incidents

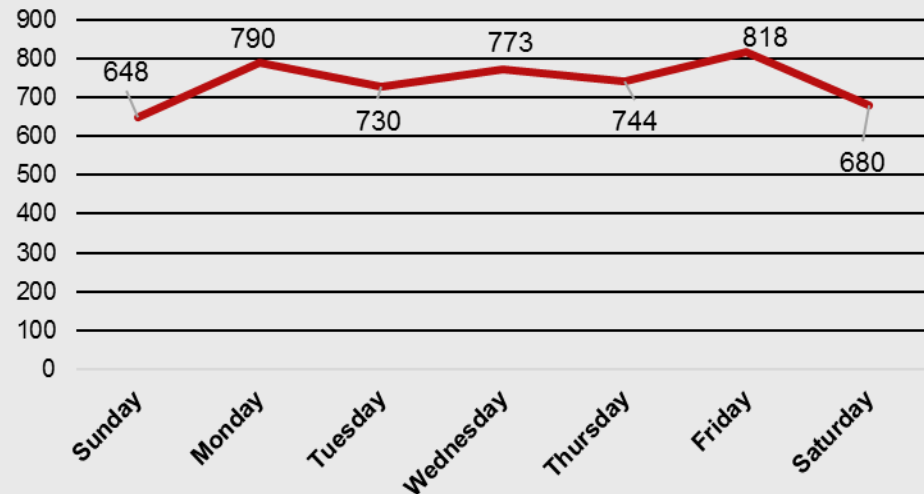


# 2017 INCIDENT RESPONSE ANALYSIS

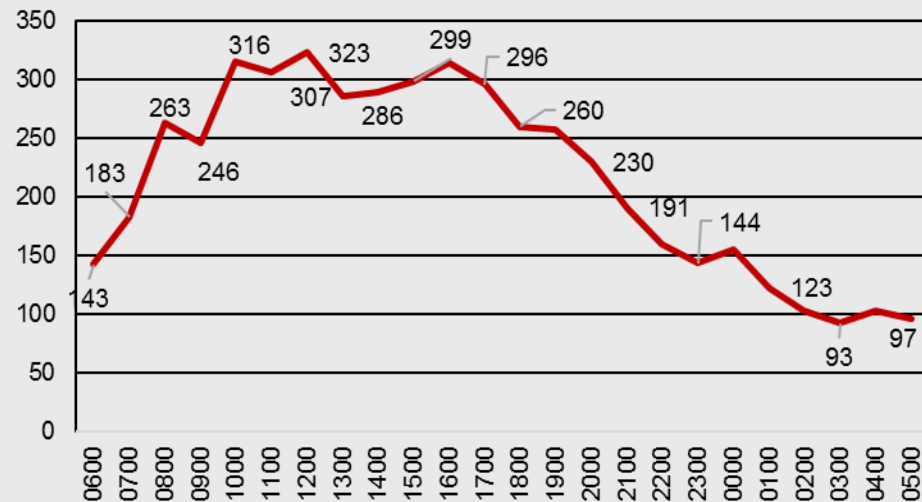
## Incidents by Month



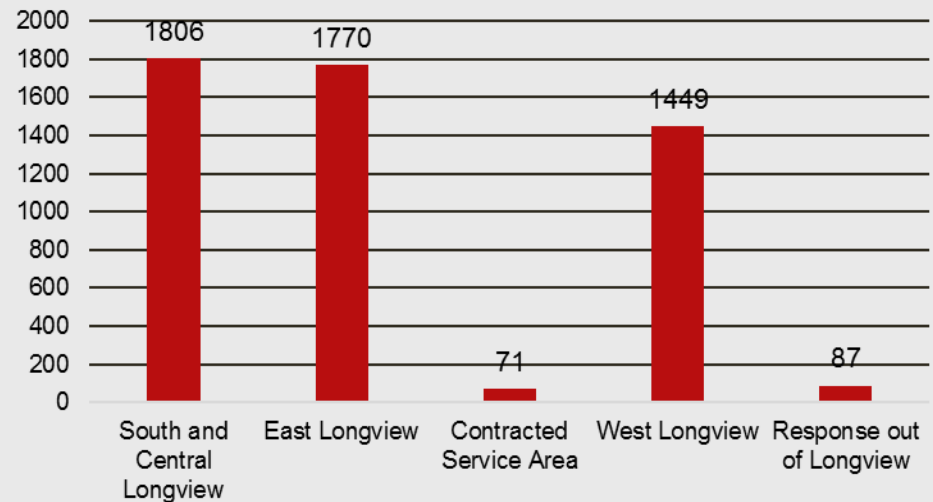
## Incidents by Day of Week



## Incidents by Hour of Day



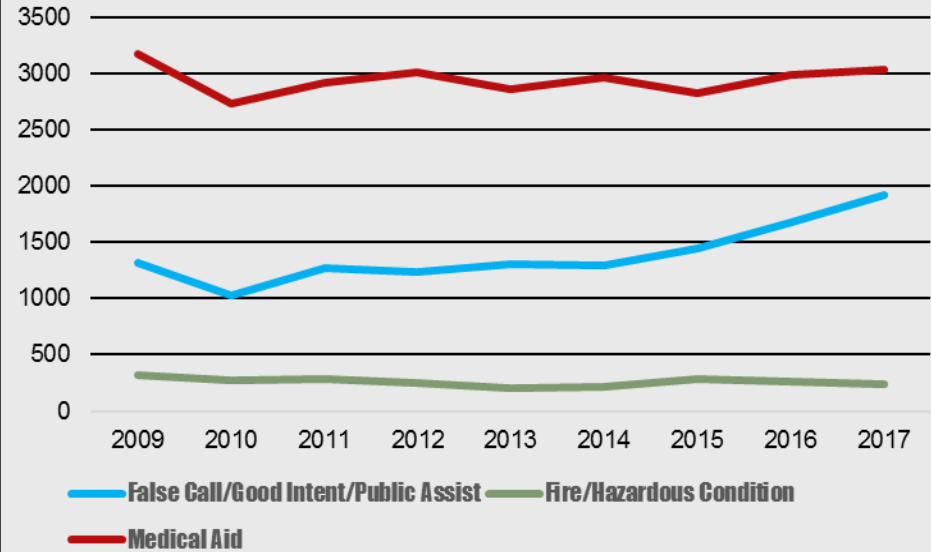
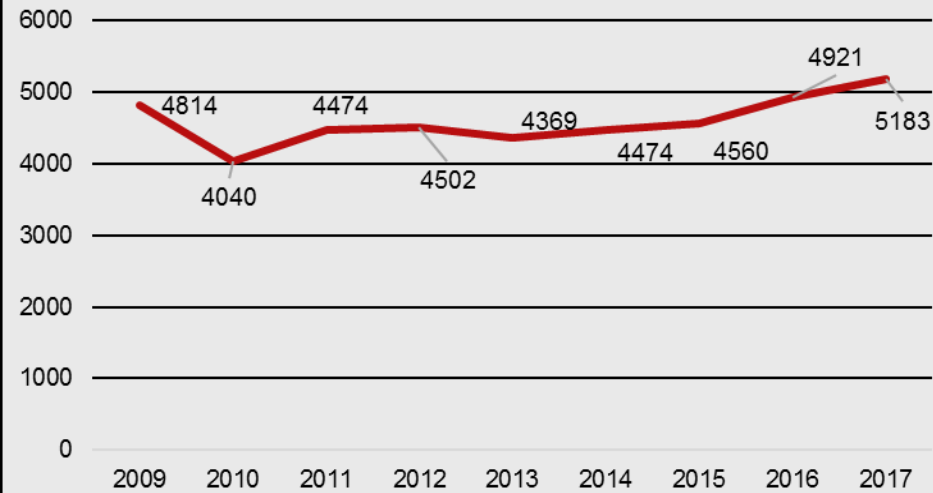
## Incident Response Out of Area



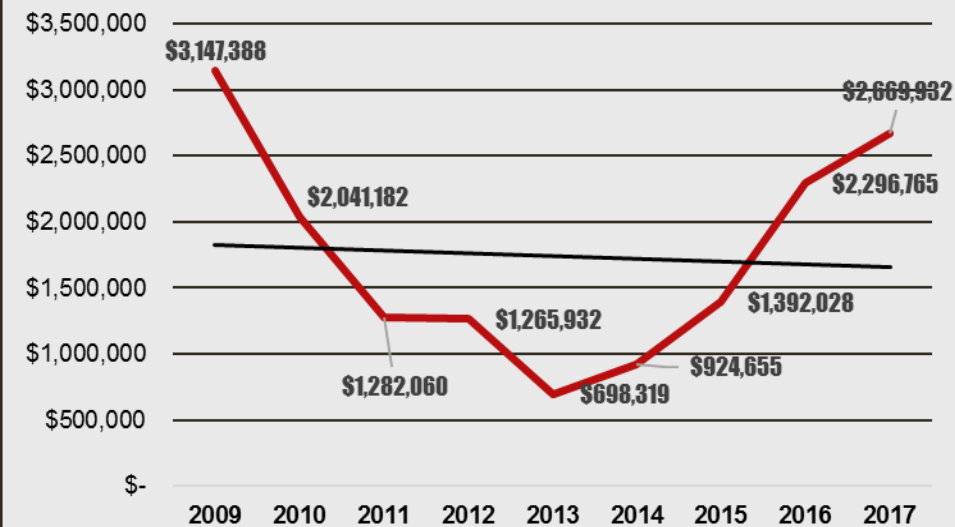


# INCIDENT TRENDS BY YEAR

## Annual Total Incidents



## Total Loss



## Contracted Service Area

