

Winchester
fire and rescue
department *Virginia*



2015 ANNUAL REPORT



540.662.2298
WINCHESTERVERA.GOV

FROM THE CHIEF

The following report outlines the Winchester Fire and Rescue Department's (WFRD) activities for the calendar year 2015. We take great pride in serving our community in this combination fire and rescue system comprised of career and volunteer firefighters, EMS personnel, and hazardous material responders.

The four volunteer owned and operated fire stations provide an unsurpassed amount of state-of-the-art fire and rescue apparatus, equipment, and facilities as well as operational and administrative personnel. The City of Winchester, in-turn, supplements this infrastructure with guaranteed 24 hour a day, 365 days per year fire and rescue personnel.

This combination of equipment and personnel strives to provide the community with the highest level of professional public safety services that include fire protection, advanced emergency medical care, hazardous materials response, public education, and facility inspections/testing that is always focused on being fiscally responsible. We take great pride in presenting this year's annual report.



Allen Baldwin
Fire Chief

Department Services

- Emergency Medical Services
- Fire Suppression
- Hazardous Materials Mitigation
- Fire Investigations
- Juvenile Fire Setter Intervention
- Public Education
- Child Safety Seat Installations
- Honor Guard Services
- Smoke Detector Installations
- Fire/EMS Coverage for Local Public Events
- Tactical Emergency Medical Operators for the Police SWAT Team
- Operation of the Regional Fire Training Center

Commitment to Our Customers

- Develop and execute a realistic, obtainable and sustainable long range strategic plan for the department.
- Provide the highest quality of service to the citizens and visitors
- Support and maintain a safe, healthy, well-trained workforce
- Be a community resource for life safety information and knowledge
- Attract and retain a qualified and diverse career and volunteer work force
- Be accountable to our community for demonstrable results
- Be a recognized leader of a fire and rescue service that is dedicated to excellence
- Support the combination system of career and volunteer system
- Be innovative and proactive in our approach to community issues
- Believe in our role as stewards of public trust

Our Mission

To develop and deploy a coordinated service delivery mechanism through which the Community is provided public safety services in a professional and cost effective manner. The mission will comprehensively address Emergency Communications, Fire, EMS, and Hazardous Materials Operations involving career and volunteer personnel, while coordinating operational and support functions with internal and external agencies and individuals.

Our Leadership Philosophy

We believe that all members want to do the best work possible. When all of us share responsibility for creating a work environment with clear goals, mutual support and opportunities for continuous learning, we can achieve our goals. We realize our full potential through teamwork, respect for each other, sharing information and support for individual creativity and initiative. Teamwork, Common Goals and Leadership at all levels, will result in SUCCESS!



Questions concerning this report or our services can be directed to our office at 540-662-2298.



ONE DEPARTMENT. ONE GOAL.



2015 ACCOMPLISHMENTS

- Handled 6,092 calls for service (increase of over 204 incidents from 2014)
- Over \$10 million in property saved from fire incidents (estimated fire loss: \$369,980)
- Educated 9,799 citizens of all ages through safety programs
- Installed 133 child safety seat
- Installed 24 smoke detectors and replaced numerous batteries
- Participated in over 16,849 hours of continuing education training
- Hired five career Firefighters to fill vacancies and new budget requests
- Promoted two Lieutenants and a Resource & Logistics Specialist
- Participated in the Annual Christmas parade with personnel and families
- Continued support and attendance at the National Fire Academy and the Virginia Fire Officer Academy
- Collected \$27,502 for the Muscular Dystrophy Association during the Labor Day weekend fill-the-boot campaign (Winchester Professional Firefighters Local 3401)
- Implemented Mobile Data Computers (MDC) technology on all apparatus
- Ensured compliance with the VA Department of Emergency Medical Services (VAOEMS) medical reporting requirements by implementing a new records management program
- Conducted the second annual Command and Leadership Conference
- Begun the strategic planning process with the four volunteer companies and career staff
- Completed a fire apparatus replacement study
- Developed the volunteer response and training/certification requirements standards
- Developed volunteer operational officer requirements
- Completed department-wide hose standardization and testing
- Completed second Handley High School EMT Program
- Developed a volunteer personal protective equipment standardization and replacement program
- Received the following grants:
 - Assistance to Firefighters (AFG) grant for the standardization of Self-Contained Breathing Apparatus (SCBA)
 - Rescue Squad Assistance Fund grants provided for three NEW ambulances and three NEW Life-pack 15 cardiac monitors
 - VA Department of Fire Programs grant to construct a NEW live fire burn building
 - VA Department of Emergency Management and Department of Homeland Security grant for HAZMAT equipment
- Created the Winchester Firefighters Foundation with local businesses
- Developed a volunteer apparatus fuel program
- Initiated command and control training requirements for officers



2016 GOALS

- Develop and execute long range strategic plan for the department
- Review and implement community risk reduction programs on target populations
- Develop a standards of cover for the department and city
- Research accreditation recognition for the department
- Complete a Fire and EMS study by the VA Fire Services Board
- Revise the department staffing plan to address compliance with NFPA 1710 consensus standard
- Increase recruitment and retention efforts for volunteers
- Continued health and safety of our career and volunteer personnel
- Implementation of the 800 MHz radio communication project
- Construct a live burn building training simulator
- Complete a fire and rescue facility and training center master plan
- Implement an officer development program
- Continue to advance the fire department foundation
- Risk analysis planning to meet NFPA 1500
- Improve the City of Winchester ISO rating
- Enhance the honor guard program

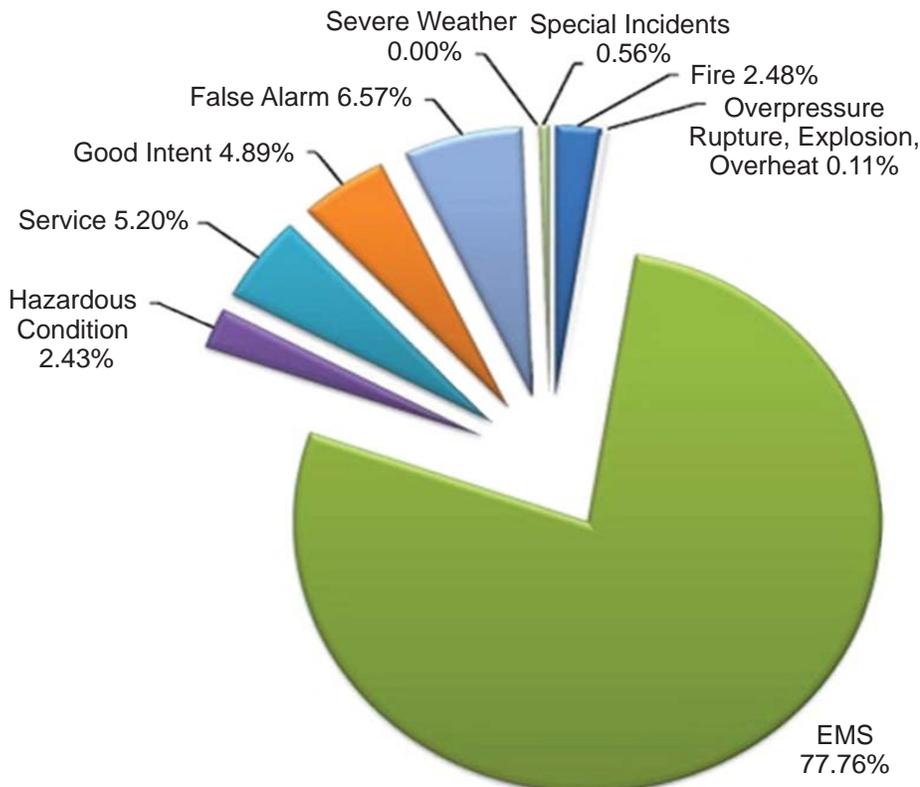
EMERGENCY ACTIVITY



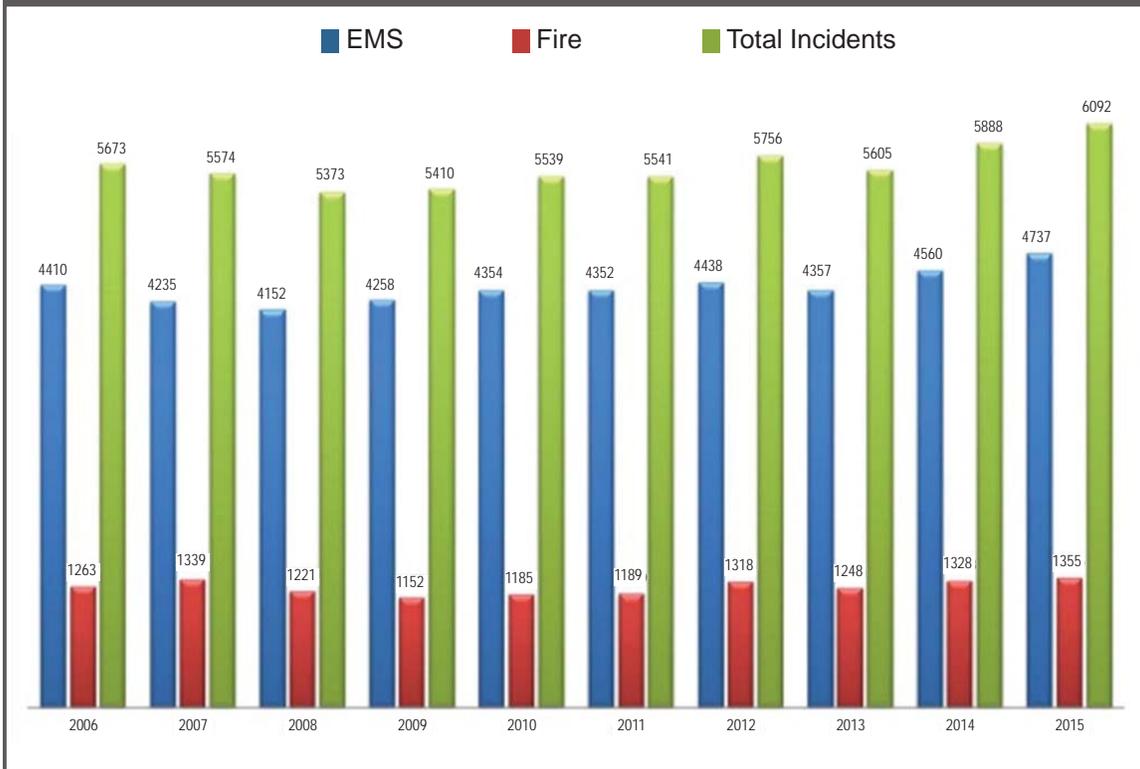
Activity	2014	2015
Total Incidents	5,888 (4,560 EMS and 1,328 Fire)	6,092 (4,737 EMS and 1,355 Fire)
Mutual Aid Given	604	622
Mutual Aid Received	146	144
Dollar Loss vs Saved	\$395,605 Losses \$7,627,617 Saved	\$369,980 Losses \$10,083,290 Saved
Incident Casualties	1 Firefighter 4 Civilian	0 Firefighter 18 Civilian



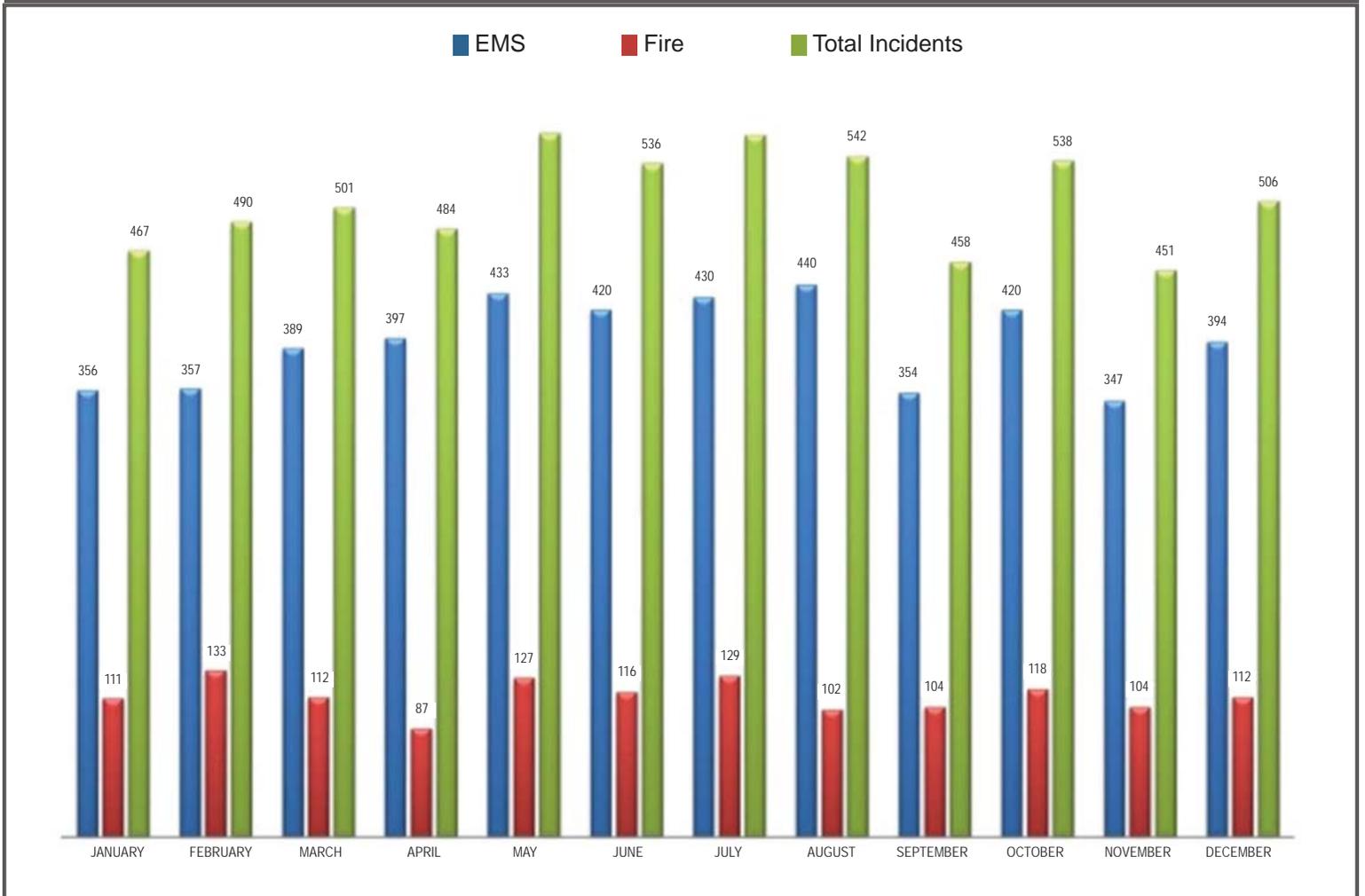
Incident Type Summary



10-Year Incident Summary

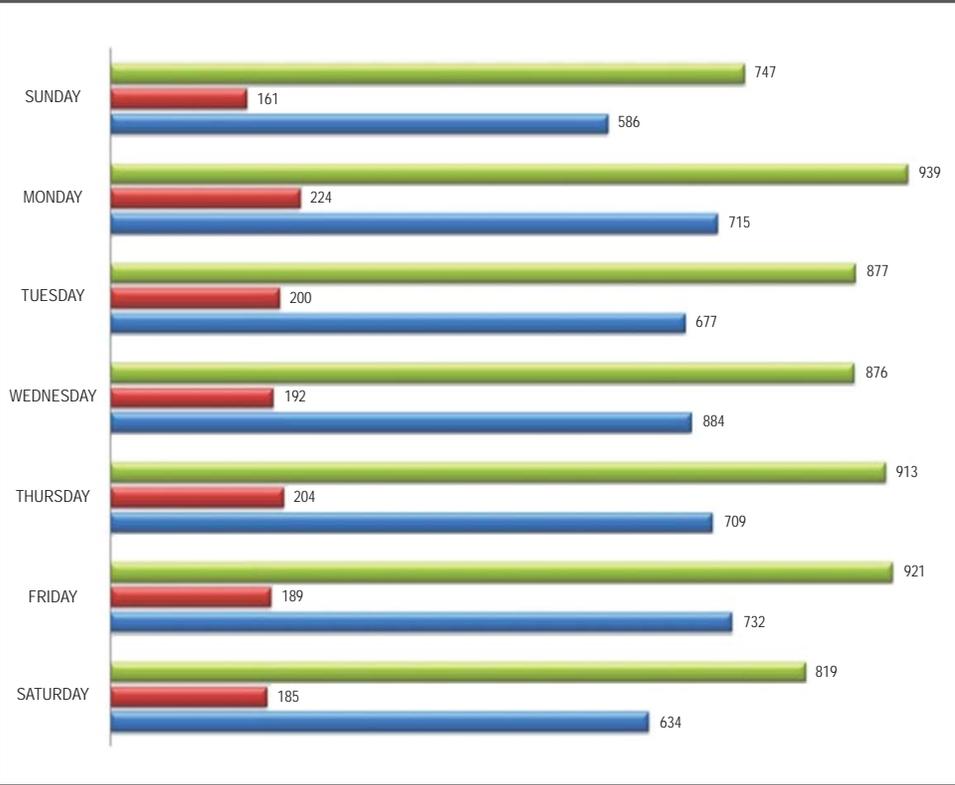


Incidents by Month

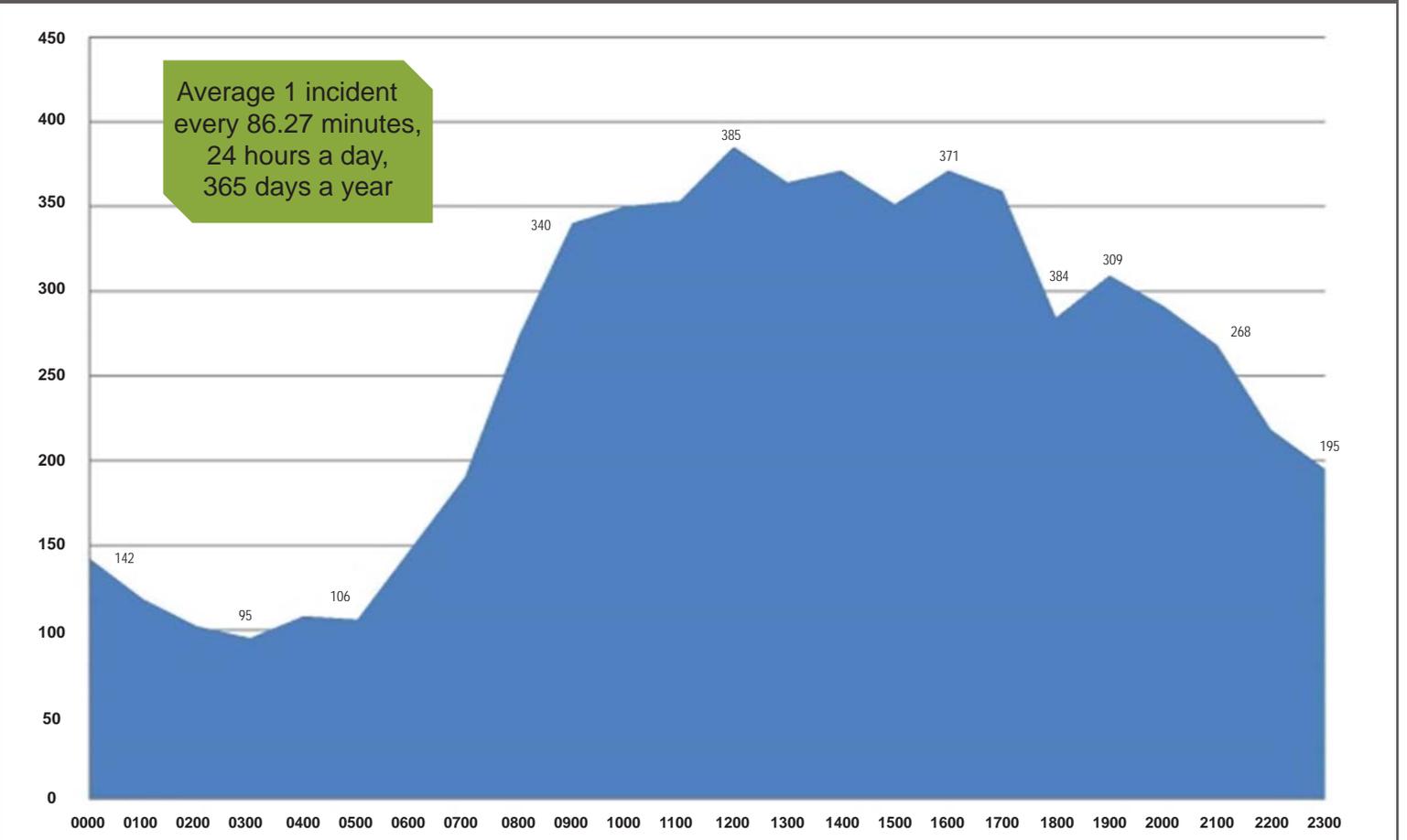


EMERGENCY ACTIVITY CONTINUED

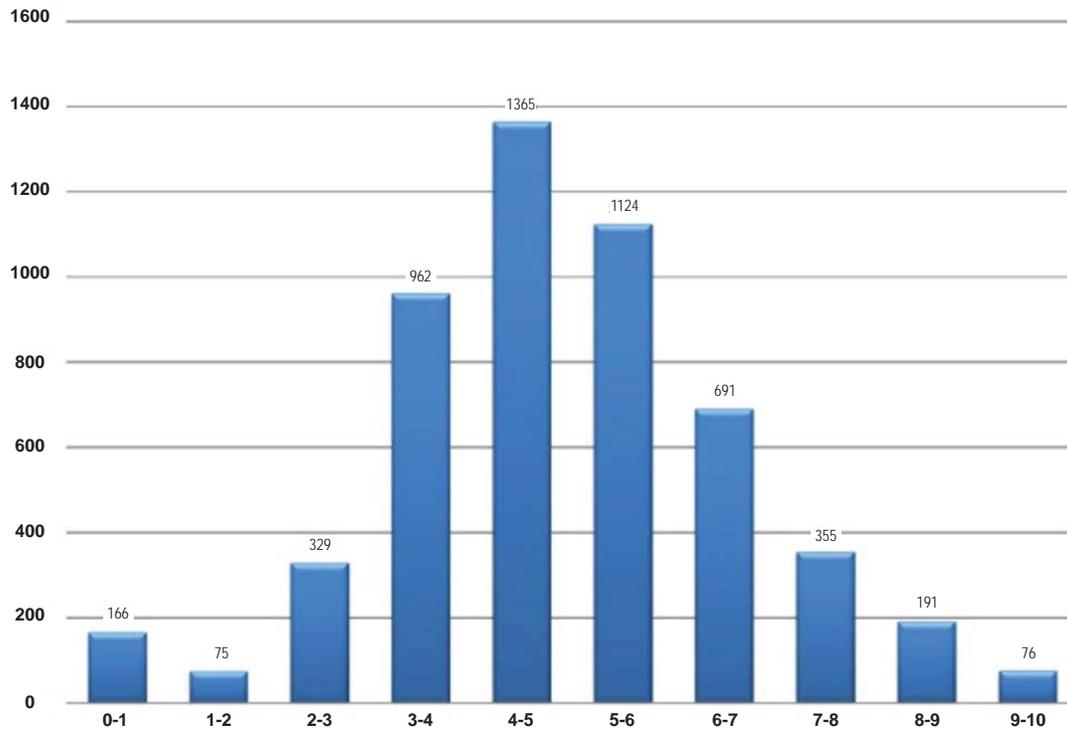
Incidents by Day of the Week



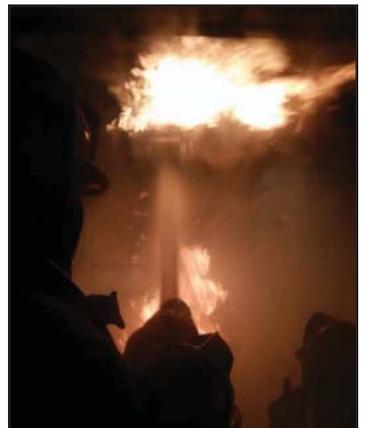
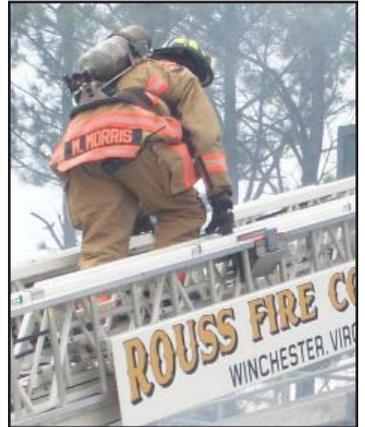
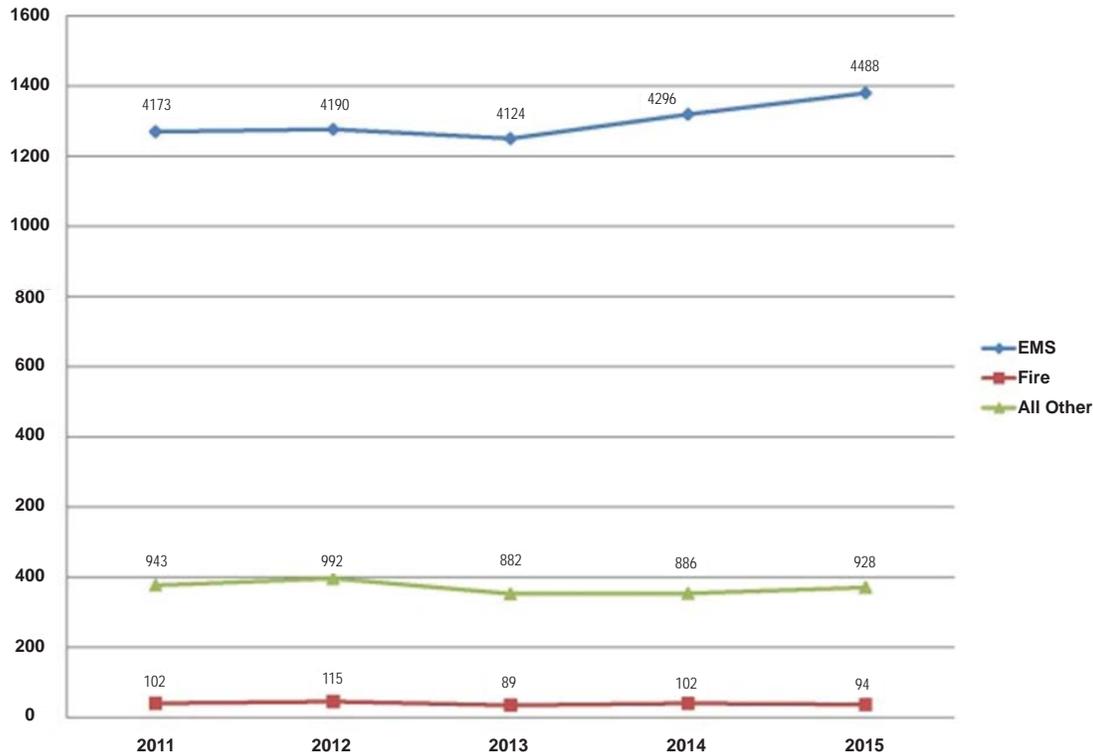
Incidents by Time of Day



Response Time Analysis (Minutes)

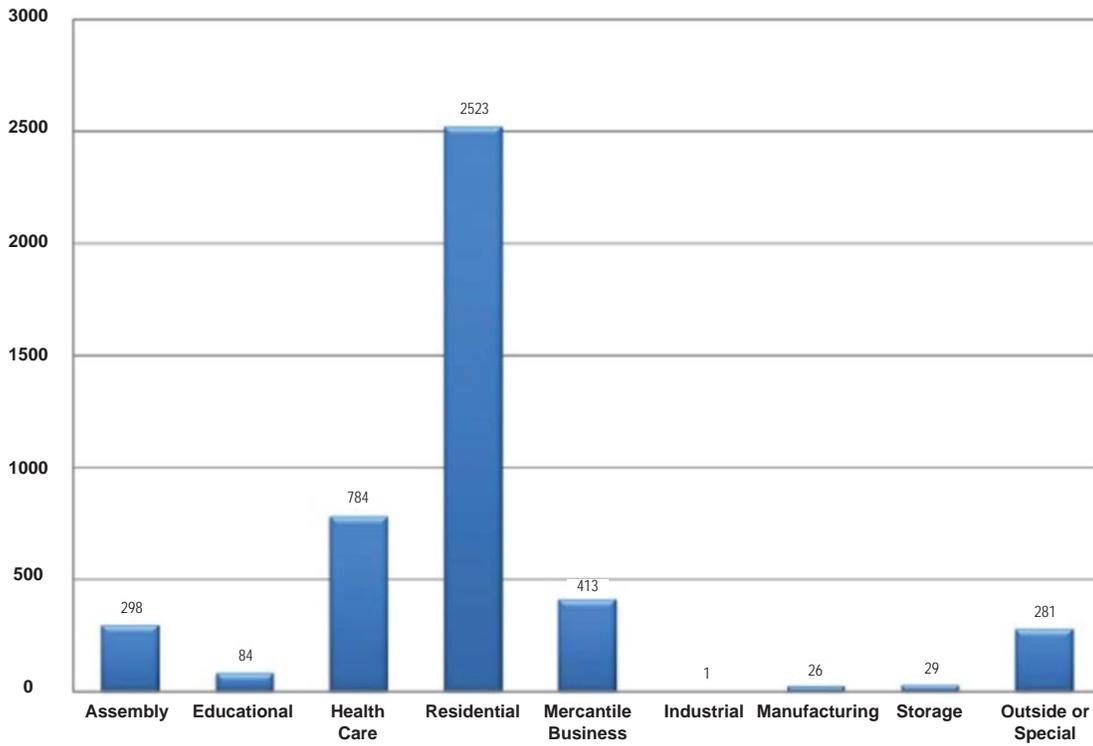


Five Year Incident Trend

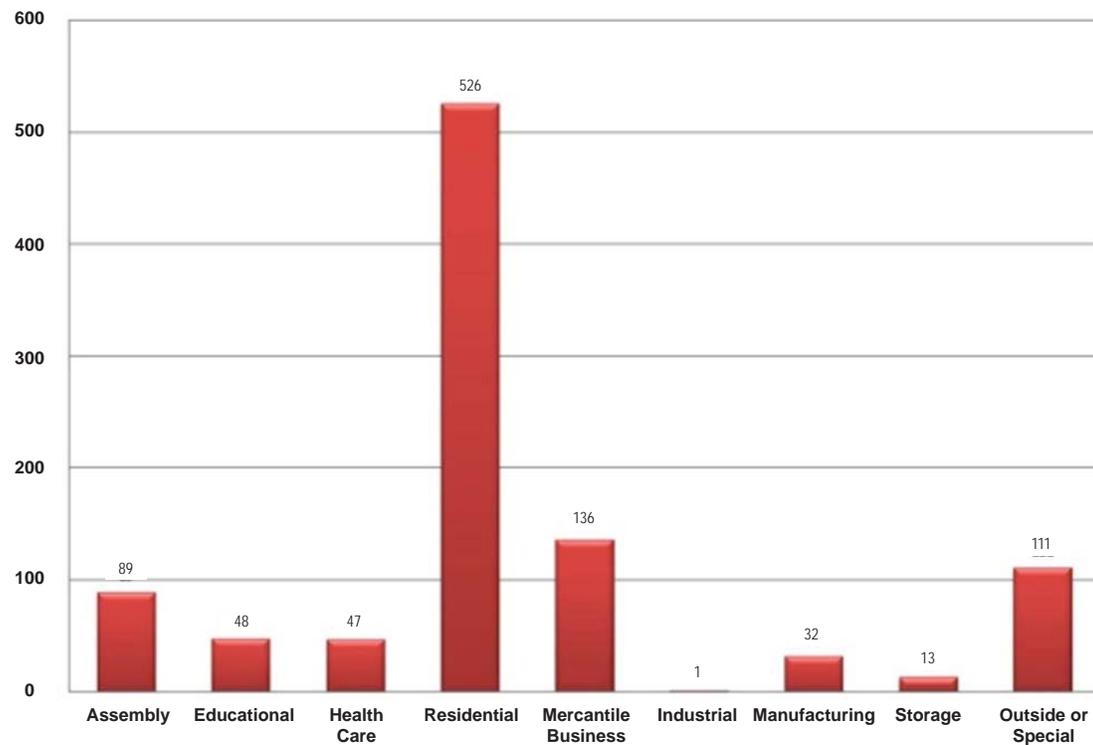


EMERGENCY ACTIVITY CONTINUED

Incidents by Property Use - EMS



Incidents by Property Use - Fire

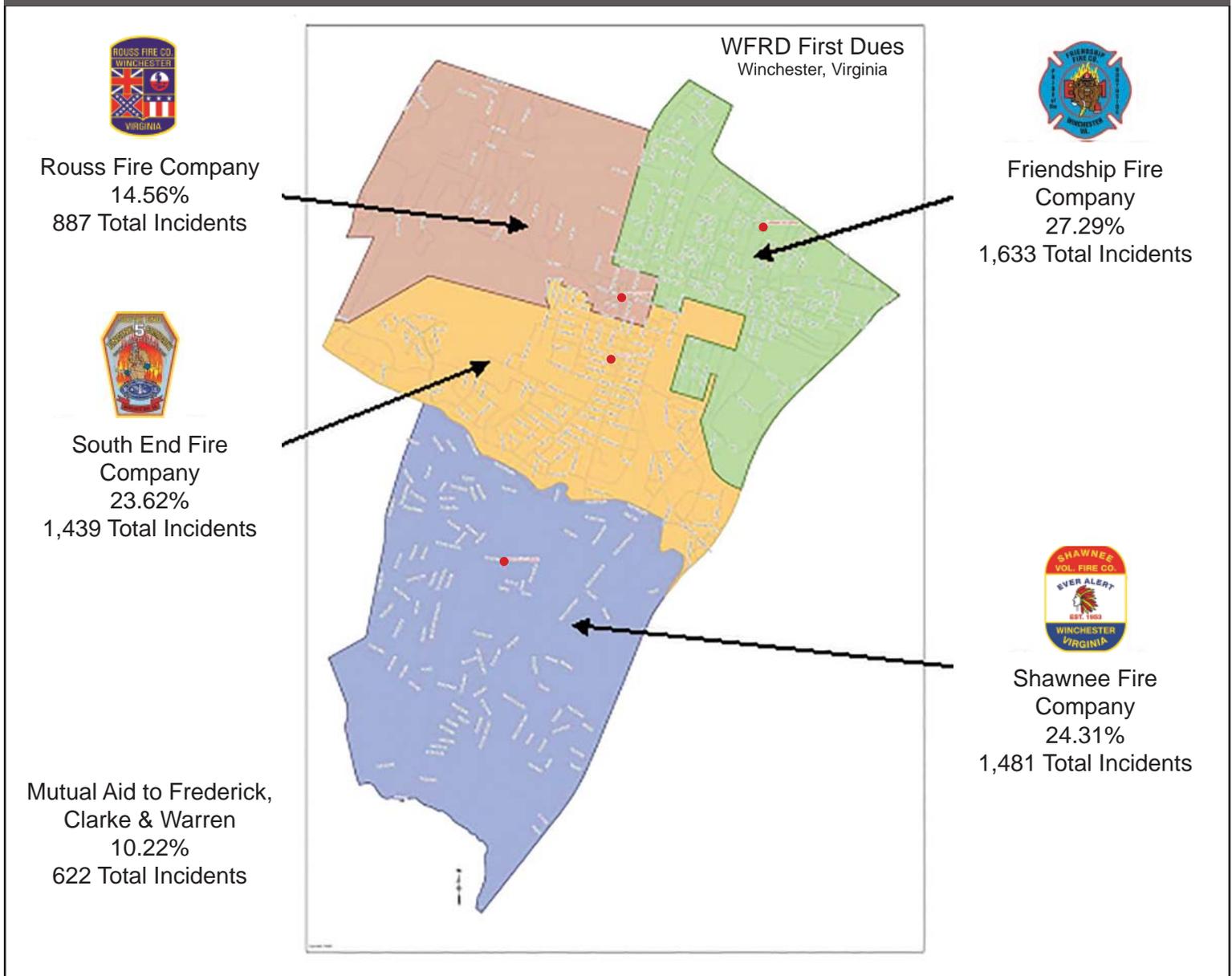


RESPONSES BY DISTRICTS

First due districts are geographic response designations designed to provide the most direct and expedient fire and rescue response to an emergency incident. Depicted below is how the City of Winchester is divided to provide public safety coverage for emergency responses. For Fire and EMS incidents, South End fire station covers the area designated for Rouss fire station as Rouss only provides aerial ladder service for fire and first responder service for EMS incidents. In addition, Rouss provides aerial coverage for the entire city. The percentages in the below map depict the number of incidents that originated in these areas.

Fire Station	Company	Address
Friendship Fire Station	Company 1	627 North Pleasant Valley Road
Rouss Fire Station	Company 2	3 South Braddock Street
Shawnee Fire Station	Company 4	2210 Valor Drive
South End Fire Station	Company 5	17 West Monmouth Street

Incidents by First Due Districts



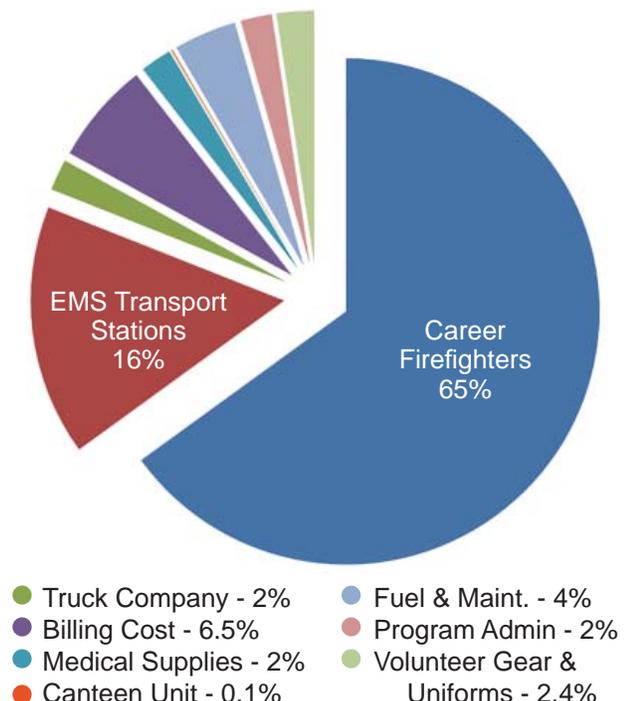
FUNDING, GRANTS & OTHER REVENUE GENERATION

Name of Funding Source	Description	Amount Received
General Fund Fire Budget	FY2016 approved funding provided by City revenues to support Fire and Rescue Fire/EMS services	\$5,567,050.00
General Fund HAZMAT Budget	FY2016 approved funding provided by City revenues to support Fire and Rescue HAZMAT services	\$61,900.00
Virginia Department of Emergency Management (VDEM)	Funding from VDEM to support the Winchester/Frederick Area 4 Contract HAZMAT Team	\$15,000.00
EMS Revenue Recovery Program	Department funding generated from fees for providing Emergency Medical Services transports	\$972,322.37
Department of Homeland Security HAZMAT Equipment & Training	Grants awarded to be used for HAZMAT training and equipment	\$28,000.00
Assistance to Firefighter Grant (AFG)	SCBA Rapid Intervention Team Packs	\$11,600.00
Rescue Squad Assistance Fund	Ambulances for South End, Shawnee & Friendship plus Cardiac Monitors	\$579,609.44
Virginia Department of Fire Programs "Aid to Locality Fund"	State funding derived from fees collected from the insurance industry and distributed to localities based on population for the purchase of firefighter safety equipment and public education materials	\$83,047
VA Department of Fire Programs "Burn Building Grant" with additional funding from the City	Construction of a new live burn building at the Regional training center	\$480,000.00 \$300,000.00
VA Department of Fire Programs "Technology Grant"	Grant funding awarded for computer technology to support fire incident reporting to the state	\$1,000.00
VA Office of Emergency Medical Services "Four-for-Life" Fund	State funding derived from DMV fees used for Emergency Medical Services equipment and training	\$23,459.28
Fire Marshal Division	General fund revenue generated from new construction plan review and fire suppression system inspections	\$7,528.44
	Totals	\$8,130,516.53

EMERGENCY MEDICAL SERVICES

Winchester Fire and Rescue provides Emergency Medical Services (EMS) to the residents and visitors by utilizing six EMS transport units that are owned and maintained by three of our volunteer stations.

During 2015, the department assisted Friendship, Shawnee and South End fire companies with obtaining grant funding totaling \$452,275.40 from the Virginia Office of EMS to replace one EMS transport unit at each station. The department staffs three of the EMS transport units at the Advanced Life Support (ALS) level each day. Also, the fire apparatus that is owned by the four volunteer fire companies and the fire department administration vehicles are licensed by the Virginia Office of EMS and equipped to provide Basic Life Support (BLS) services as EMS quick response vehicles. Additionally, the department has two John Deere Gators and a volunteer staffed bicycle EMS response team equipped and available to assist with providing EMS at special events in the City and region.



The EMS community in Virginia is governed and regulated by the Virginia Office of Emergency Medical Services (VOEMS). It is through VOEMS that Winchester Fire and Rescue Department is inspected bi-annually and licensed to provide EMS in the City of Winchester. In addition, the department is part of the Lord Fairfax EMS Council (LFEMSC) region, a contract agency of the VOEMS.

The LFEMSC is comprised of EMS agencies from the counties of Clarke, Frederick, Page, Shenandoah, Warren and the City of Winchester. Each jurisdiction has three representatives on the LFEMSC board of directors. The LFEMSC is responsible for developing regional patient treatment guidelines that the Winchester Fire and Rescue Department utilizes. We provide EMS to Winchester under the Medical Direction of emergency room physician Dr. Chris Turnbull.

In 2015, department members responded to 4,737 EMS related incidents or 78% of the total call volume experienced for the year:

- 1,530 - Basic Life Support
- 2,416 - Advanced Life Support

The department prides itself on being a regional leader in the advancement of EMS care. This advancement was recognized by the American Heart Association when the department received the Mission Lifeline Bronze Award for our care of victims experiencing myocardial infarctions (heart attacks).



In 2015, the fire and rescue department responded to 39 cardiac arrests. We were able to obtain Return of Spontaneous Circulation (ROSC) on 18 (46%) of those patients. The national average for ROSC is only 21%. Of the 18 patients that obtained ROSC, seven (39%) were eventually discharged from the hospital. Six of them were discharged home and the other to rehab. The national average for cardiac arrest patients to be discharged from the hospital is approximately 5%. To further break this down, 10 of the cardiac arrests victims were found with an initial rhythm of V-fib. ROSC was achieved on nine (90%) of these patients with four (44%) of the nine discharged.

A vital component of the department's EMS division is the "Fee for Service" Revenue Recovery Program (RRP). The RRP went into effect July 1, 2006. This last fiscal year the program generated more than one million dollars in revenue for the city that offsets cost associated with fire and rescue service. The RRP has allowed the department to hire an additional eight Firefighter/EMT's to serve the City. In addition, since the program's inception nearly 2 million dollars has been returned to the four volunteer stations to offset their expenses.

Cardiac Arrest Resuscitation Efforts:

- 39 cardiac arrests and 18 saves
- 46% survival rate
- 21% national average

EMS Transports:

- 2,458 Advanced Life Support
- 1,530 Basic Life Support

No one will ever be denied service because of inability to pay or for lack of health insurance. Our commitment is to provide the best EMS care possible. We are proud to serve you!

	Gross Revenue	Contractual Allowances	Refunds	Net Collectable	Payments from Patients	Payments from Insurance	Total Deposits
JANUARY	\$176,435.00	\$39,046.29	\$496.25	\$136,892.46	\$5,036.24	\$91,141.31	\$96,177.55
FEBRUARY	165,138.00	40,564.08	120.89	124,453.03	4,882.96	94,845.90	\$99,728.86
MARCH	183,307.00	38,006.33	813.16	144,487.51	9,837.78	104,192.45	114,030.23
APRIL	179,299.00	49,163.53	475.25	129,660.22	8,576.82	68,921.40	77,498.22
MAY	182,629.00	46,229.91	1,243.24	135,155.85	4,866.39	113,001.13	117,867.52
JUNE	181,887.00	43,645.58	0.00	138,241.42	6,473.16	88,474.57	94,947.73
JULY	192,762.80	8,411.57	556.35	183,794.88	7,108.46	78,342.97	85,451.43
AUGUST	200,255.00	4,482.15	1,228.38	194,544.47	5,413.15	14,648.64	20,097.79
SEPTEMBER	156,334.00	2,998.81	552.43	152,782.76	4,073.56	9,930.19	14,003.75
OCTOBER	194,573.20	1,734.17	3,309.75	189,529.28	1,934.47	5,180.22	7,114.69
NOVEMBER	151,796.00	30,623.70	0.00	121,172.80	6,069.54	3,725.89	9,795.43
DECEMBER	173,055.00	34,100.36	0.00	138,954.64	4,605.00	231,004.07	235,609.07
TOTAL	\$2,137,471.50	\$339,006.48	\$8,795.70	\$1,789,669.32	\$68,877.53	\$903,444.74	\$972,322.27

STAFFING AND ISO

Winchester Fire and Rescue currently has twenty (20) personnel assigned to each of the three 24 hour rotating shifts to help supplement the volunteer staffing. The department maintains a minimum of twelve (12) personnel working each day. NFPA 1710 is a standard that sets minimum criteria for the effective and efficient emergency operations to protect the safety of the public and fire department employees.

The Winchester Fire and Rescue Department was evaluated by the Insurance Services Office, Inc. (ISO) in 2012 for our fire protection capability and then updated again in 2014 to meet the new Public Protection Class (PPC) rating system. "ISO collects and evaluates information from communities in the United States on their structure fire suppression capabilities. The data is analyzed using our Fire Suppression Rating Schedule (FSRS™) and then a Public Protection Classification (PPC™) number is assigned to the community." This PPC classification is then available for insurance underwriters to assist in setting insurance premiums to the customer.



The City of Winchester earned a revised PPC rating of class 3 from this re-evaluation.

"Class 1 represents an exemplary fire suppression program, and class 10 indicates that the areas fire suppression program does not meet ISO's minimum criteria." Our PPC rating of Class 3 places us in the top 15% of fire departments nationwide and in the top 6% in the Commonwealth of Virginia. Geographically ISO recommends that the City of Winchester maintain three engines and one aerial device in service each day. In addition, to maintain our Emergency Medical Services needs on a daily basis we must also maintain three Advanced Life Support ambulances in service. The following chart depicts the personnel/apparatus recommended by NFPA and ISO compared to our current situation.

NFPA 1710 Recommendation	ISO Recommended Apparatus	Current WFRD Minimum
4 personnel on each engine	3 Engines- 4 personnel	3 Engines-1 personnel
4 personnel on each truck	1 Truck – 4 personnel	1 Truck-1 personnel
2 ALS personnel on each medic unit	-	3 Medic Units-2 ALS/BLS personnel
2 Command Officers	Command Officer - 1	Command Officer – 1
Total 24	Total 17	Total 12

NOTE: 1 Engine or Truck will have 2 personnel



COST OF A FIREFIGHTER

The first year of employment is the most critical in developing a firefighter for a long career in the emergency services field. Personnel selection is based on many factors but the number one goal is to employ the best possible person that can provide the service expected from our citizens.

The chart on the right is a comprehensive list of first year expenditures that are endured by the city to bring a new firefighter on board. New personnel are required to train for a minimum of six months before being considered operational and counted towards our minimum daily staffing level.

This cost analysis does not include the additional man hours spent by department personnel to ensure these new firefighters are trained to meet the both department and industry standards.



New Firefighter Cost Analysis

Item	#	Cost/Item	Total
Starting Salary			\$36,524.80
Benefits			\$10,957.44
Holiday Pay			\$1,756.00
Background Investigation			\$75.00
Polygraph			\$0.00
Physical Evaluation			\$300.00
Physical			\$700.00
Training Manual			\$30.00
Firefighter Handbook			\$75.00
Department IDs	3	\$1.00	\$3.00
Accountability Tags	10	\$0.50	\$5.00
Street Map			\$5.00
Bunker Jacket			\$1,304.48
Bunker Pants/Suspenders			\$1,192.92
Leather Fire Boots			\$350.00
Gloves			\$52.00
Hood			\$59.20
Helmet			\$225.00
Helmet Shield			\$39.00
Gear Bag			\$53.59
Scott Mask			\$265.50
40mm Adapter			\$8.00
Scott Cartridge			\$25.00
Coveralls			\$147.50
Safety Glasses/Case			\$8.08
Ear Plugs			\$1.06
Bail-out System			\$170.36
Station Uniforms/Wk.	52	\$6.25	\$325.00
T-Shirts	5	\$13.00	\$65.00
Work Boots			\$144.00
Beanie Hat			\$11.12
Baseball Hat			\$21.60
Rain Jacket			\$60.00
Winter Jacket			\$212.50
PT Hooded Sweatshirt			\$33.30
PT Shorts			\$15.45
PT Pants			\$23.60
Running Shoes			\$88.00
Shirt Badge	2	\$44.00	\$88.00
Patches	10	\$1.00	\$10.00
Class A Uniform			\$315.16
Written Test			\$12.50
PAT Test	8	\$25.00	\$200.00
Locker			\$464.41
TOTAL COST			\$56,422.77

EMPLOYEE SPOTLIGHT

AWARDS & RECOGNITIONS

Name	Date
New Hires:	
Matthew Baer	8/29/15
Scott Bowling	6/13/15
William Dunn	7/11/15
Larry Franks	3/2/15
Reuben Zuazua	8/29/15
Operational Clearance:	
Scott Bowling	12/16/15
Jadon Carr	4/21/15
Christopher Dunn	1/26/15
Larry Franks	10/2/15
Thomas Harrison	9/27/15
Ben Hoopengardner	8/17/15
Tyler Lonas	4/8/15
Advancement to EMT/Firefighter:	
Jadon Carr	10/17/15
Christopher Dunn	9/5/15
Ben Hoopengardner	9/5/15
Tyler Lonas	9/5/15
Matthew Morris	3/21/15
Caleb Sherwood	3/21/15
Advancement to EMT/Firefighter Technician:	
Ryan Hodges	5/20/15
Ryan Miller	6/13/15
Promotion to Lieutenant:	
Drew DeHaven	7/25/15
Matthew Yost	7/25/15
Retirements:	
Richard Burton	4/30/15
Separations:	
Joshua Adams	9/13/15
Joseph Konczal	8/13/15



Sons of the Revolution Award for BC James Orndorff



2015 Valor Awards, Dusty Amtower, Andrew Mudd and B Shift Unit Citation



American Heart Association Mission Lifeline: Bronze Award



Westminster Canterbury Honor Guard Donation for Uniforms



Virginia Fire Officer Academy: Brandon Krippner, Branyon Williams and Drew DeHaven



2015 Volunteer Fire Academy

TRAINING, HEALTH AND SAFETY

Health and Safety

The Health and Safety division of the department was created to provide assistance in addressing risk as it pertains to the first responders, the department, the city and its citizens. As the safety of the public is inherently a dangerous job to protect the welfare of the community, the fire industry as a whole have taken great measures to help reduce this risk by developing programs that address the various issues that we face day to day.

- No major firefighter/EMT injuries occurred in 2015. One firefighter did incur a shoulder injury on an EMS incident that led to rehabilitation and a light duty assignment until returning to the field.
- Every member completed the Work Performance Evaluation on the first attempt. The evaluation measures the department members ability to complete job tasks in a non-competitive timed format.
- The department adopted a policy for 100% compliance with FIT testing of all members that are cleared to enter an IDLH (Immediate Death or Life Hazard). All members, volunteer and career, are FIT tested annually for suitability to enter an IDLH atmosphere.
- Safety Stand Down week was held in June for each shift. During this week, we provided materials on flow paths, scene safety and wearing of personal protective clothing, and the white paper from the Fire Cancer Network. The education from the white paper also led to the implementation of decon equipment and Rescue Wipes for all apparatus.

2016 Training Hours:

EMS	4,493
Fire	6,145
HAZMAT	860
Fire Marshal	364
City Training	264
Leadership	598
Technology	201
Recruit	3,924
Total	16,849

Training Accomplishments:

- Winchester Fire and Rescue held its second annual command and leadership conference in the spring. Thanks to a Work Force Solution Grant from the VA Fire Chiefs Association, the department contracted Ret. Chief John Salka from Fire Department New York (FDNY). Over 130 career/volunteer firefighters attend from 12 jurisdictions and three states.
- In 2015, the City purchased nine structures at the intersection of National Avenue and East Piccadilly Street and designated them for demolition to construct a new roundabout. Before demolition began and over a two-month period, we conducted numerous drills that provided the most life-like situations yet still in a controlled environment. Frederick County's Training Division and firefighters were instrumental in making this training a reality for WFRD staff and volunteers.
- In a partnership with Frederick County Fire and Rescue, Winchester continues to provide instructors and apparatus for Fire Academy classes taught throughout the year. Once the classes and testing are completed the volunteers are certified to provide either firefighting capabilities or emergency medical services. As electives, the volunteers can also be certified as emergency drivers for apparatus or extrication technicians and receive special training for dealing with mass casualty situations.
- Virginia Department of Fire Programs funds two courses per year for each jurisdiction in Virginia. In 2015, we held the Strategies and Tactics for Initial Company Operations (STICO) and Preparations for Initial Company Operations (PICO). These two classes provide tools for the firefight to participants. From scene size-up to attacking the fire and locating savable victims, these courses helped command staff and responders improve communications and decision-making.
- The Department was asked to teach CPR to 20 employees of a restaurant on the Loudoun Street Mall. This training will enable these employees to render life-saving measures until emergency medical services arrive and provide a direct impact to the survivability from cardiac arrest should one occur in their restaurant.
- Held the second Emergency Medical Technician (EMT) training program for eight students at John Handley High School. Seven of the eight students tested for state certification. This program provided the students with the skills needed to obtain a job or to volunteer once turning 18 years of age.



LIFE SAFETY DIVISION

Plan Review

The new development or redevelopment of properties and buildings requires a regulatory process to ensure that all fire safety and code requirements are complied with. The Fire Marshal reviews site development plans for the need and placement of fire department access to roads, hydrants, and other fire service features. They also review new construction plans for fire alarm systems, fire sprinkler systems, and special hazard suppression systems so that a fire protection permit can be issued for a contractor to conduct the approved installation. This responsibility fosters a great working relationship between the Fire and Rescue Department and the City's Zoning and Inspections staff.

The Life Safety Division is charged with conducting plans review, fire inspections, public education and the investigation of fires, explosions, code complaints and environmental crimes. Included with that is the enforcement of the Virginia Statewide and City of Winchester Fire Prevention Codes and the Virginia Uniform Statewide Building Code.

Plan Review Type	Qty	Revenue
Site Development Plans	99	\$66.22
Fire Suppression Systems	22	\$291.21
Fire Alarm Systems	23	\$1,919.64
Fire Sprinkler Systems	35	\$4,591.53
Underground Fire Line	12	\$610.80
Clean Agent/FM200	1	\$63.24
Access Control System	1	\$85.68
Permit	5	-
Totals	198	\$7,624.32

Fire Inspections

Through fire code inspections we are able to educate owners and occupants of commercial properties in how to maintain a fire safe environment for their customers. We accomplished this with our two Fire Marshals along with the assistance of our operational firefighters.

Our operational firefighters conduct annual inspections on all City-owned and operated properties and our Fire Marshals conduct annual inspections in our healthcare, daycare, and other state regulated care facilities. In addition, the Fire Marshals also conduct seasonal and special event inspections throughout the year.

Our special event inspections include the inspection of vendor stands and tents for the various festivals sponsored by the City. These inspections are conducted at no charge to the occupants and/or owners.

In addition to fire code inspections, the division is responsible for conducting acceptance testing on the fire protection systems that we approve through plan review. Once a contractor has completed their project they contact the Fire and Rescue Department to schedule an inspection of their installation. These inspections are conducted as part of the permitting process at no additional charge to the contractor.



Inspection Type	Qty	Revenue
Access Control System	1	-
Annual	294	\$100.00
Complaint	72	-
Explosives, Blasting Site	3	-
Explosives, Blasting Truck	2	-
Explosives, Fireworks Display	2	-
Fire Alarm Test	19	-
Fire Final	1	-
Fire Prevention Code Permit	5	-
Fire Suppression System Test	20	-
Holiday Life Safety	41	-
Knox Box Installation	9	-
Knox Box Maintenance	93	-
Message Permit	7	-
New Business/Tenant	46	-
Night Club Life Safety	1	-
Other	8	-
Site	11	-
Sprinkler Dry System Air Test	1	-
Sprinkler Final	23	-
Sprinkler Hydrotest/Visual	35	\$100.00
Temporary Use	9	-
Tent/Membrane Structure	1	-
Underground Fire Line Hydrotest	5	-
Underground Fire Line Visual	4	-
Reinspections	337	-
Totals	1050	\$200.00

Investigations

After a fire is extinguished the Fire Marshals have the responsibility of determining how that fire occurred and the circumstances surrounding the situation. This is accomplished by first locating the area of origin and then narrowing that down to a specific point of origin and then determining an exact cause. The cause of a fire is classified in one of four ways: *unintentional*, *incendiary*, *natural* or *undetermined*. At the completion of the investigation an investigative report and case file is put together to document the activities of the investigation. In the event that a fire is determined to be incendiary in nature and found to be a criminal offense, the Fire Marshal will work with the Commonwealth Attorney's Office to have the offender prosecuted and brought to justice. In some situations this will be a joint investigation with the Criminal Investigations Division of the Winchester Police Department.

In 2015, the Fire Marshal's Office was able to close multiple cases involving outside fires on our north end. Over an 11-month span, from August 2014 until September 2015, the Fire Marshal's Office investigated eight outside fires within a two-block radius involving dumpsters and other discarded items. In September 2015, investigators were able to close four of those fire investigations. Legal proceedings are still pending.

Areas of Fire Origin - Structure Fires	%
Outside Area	28%
Kitchen	19%
Vehicle Engine	7%
Family/Living Room	6%
Bedroom	4%
Exterior, Exposed Surface	4%
Vehicle Area	4%
Exterior Porch	3%
Open Area Outside	3%
Roadway, Parking Lot	3%
Other: Assembly or Sales Area, Crawl Space, Dining Room, Egress/Exit, Function Areas, Interior Stairway, Other, Trash Container, Undermined	19%
Total	100%

FIRE RESPONSES

- 19 - Buildings
- 19 - Cooking
- 18 - Natural Vegetation
- 7 - Vehicle
- 4 - Dumpster

TOP 5 TYPES

EMS RESPONSES

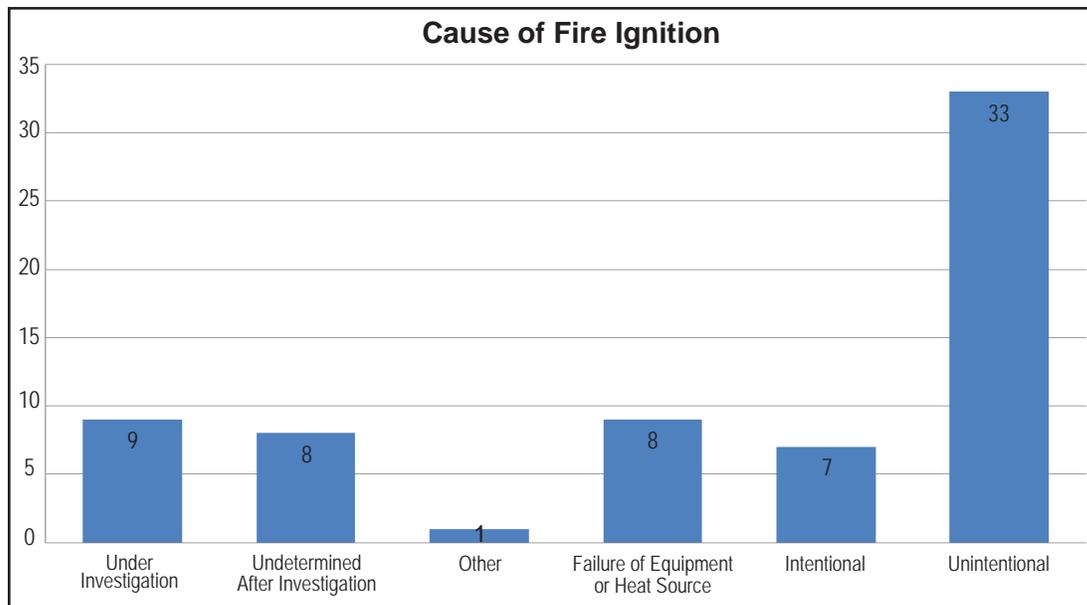
- 4,180 - Medical
- 156 - Assist Subject Up
- 123 - Vehicle Accidents-Injury
- 29 - Vehicle Accidents-No Injury
- 18 - Pedestrian/Vehicular Accidents

LIFE SAFETY DIVISION GUIDING PRINCIPLES

- Prevention of fire through proactive public education, inspections, investigation, and fire code enforcement.
- Mitigation of the effects of hazardous materials accidents and crimes on human life and the environment.
- Maintain or improve the existing level of customer service and flexibility in application of the codes.



Cause of Fire Ignition



SUPPORTING OUR COMMUNITY

The Department actively engages in public education activities and supports various charitable organizations throughout the year. In 2015, the Department, in partnership with Winchester Social Services, created the Stuff-A-Truck program and collected food, winter gear and gifts for local charitable organizations as well as Winchester Public Schools.

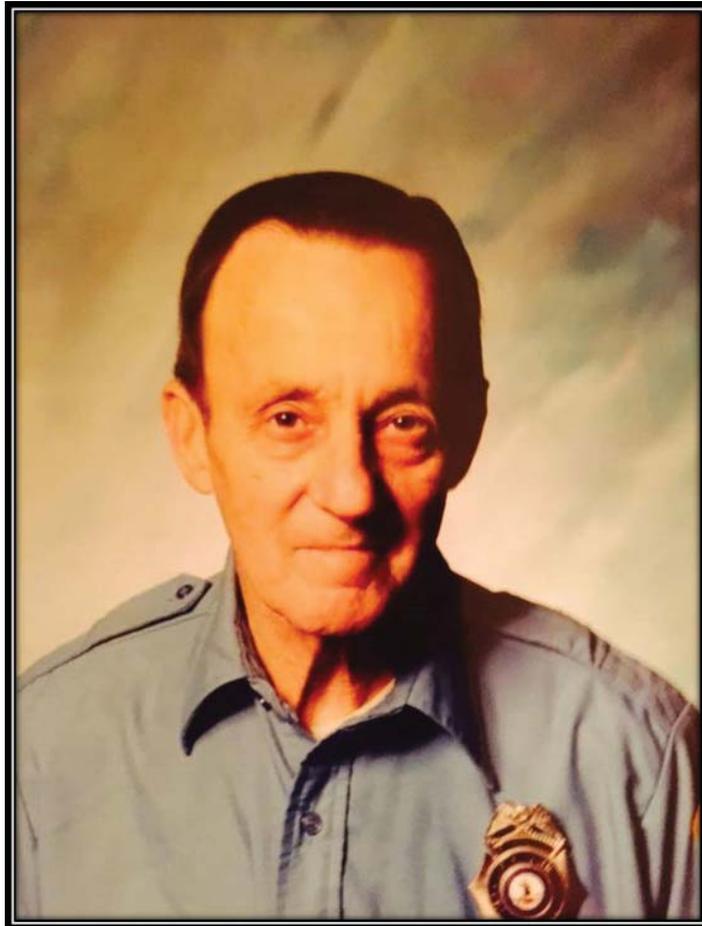




Richard A. Burton
EMT/Firefighter Technician

12 Years of Dedicated Career Service
Serving the citizens of the City of Winchester
April 28, 2003 to April 30, 2015

Thank you for your service!



Philip Palmer
Volunteer

October 21, 1937 - October 20, 2015

Dedicated his life to the fire service from operations to
administration at the Friendship Volunteer Fire Company

STATION 1 - FRIENDSHIP FIRE COMPANY

Friendship Fire Company
627 North Pleasant Valley Road
Winchester, VA 22601

(540) 667-6961



2015 Leadership

Brian Bannister	President
Kim Wallace	Vice President
Bobby Luttrell	Chief
Brian Jenkins	Deputy Chief/Treasurer
Danny Alger	Assistant Chief
Carmen Disney	Secretary



Year built 1976



Engine 1 - 2010 Pierce Arrow XT



Wagon 1 - 1997 Seagrave Marauder



Utility 1 - 2001 Chevy Suburban & Gator 1



Medic 1-1 - 1999 Freightliner FL-50



Medic 1-2 - International 4300

STATION 2 - ROUSS FIRE COMPANY

Rouss Fire Company
3 South Braddock Street
Winchester, VA 22601

(540) 662-5529



2015 Rouss Fire Company Leadership

Vernon Clark	President
Tim Clark	Vice President
Dusty Bowers	Chief
Ryan Baldwin	Deputy Chief
George Dove	Treasurer
Dawnette Jones	Secretary



Year built 1895

Photo by Brandon Jones



Ladder 2 - 1992 Simon/LTI Spartan



Truck 2 - 1998 Pierce Dash



Serv 2 - 2002 Ford F-350

STATION 4 - SHAWNEE FIRE COMPANY

Shawnee Fire Company

2210 Valor Drive
Winchester, VA 22601

(540) 662-0855



2015 Shawnee Fire Company Leadership

Karl Liedke	President
Tracey Umbenour	Vice President
Ray Hess	Chief
Jared Priddy	Deputy Chief
Jay Bailey	Treasurer
Samantha Hart	Secretary



Year built 2001



Engine 4 - 2006 Pierce Lance



Wagon 4 - 1996 Seagrave Marauder



Utility 4 - 1999 Ford F-350



Medic 4-1 - 2009 International 4300



Medic 4-2 - 1998 Ford E-450

STATION 5 - SOUTH END FIRE COMPANY

South End Fire Company
17 West Monmouth Street
Winchester, VA 22601

(540) 665-0007



2015 South End Fire Company Leadership

Larry Peters	President
Ryan Krippner	Vice President
Brandon Krippner	Chief
Tom Zirkle	Deputy Chief
Robyn Graves	Secretary



Year built 1958, Addition added 1981



Engine 5 - 2002 Pierce Dash



Wagon 5 - 2008 Pierce Contender



Medic 5-1 - 2007 GMC



Medic 5-2 - 2001 Ford E-450



Utility 5 - 2001
Chevy Tahoe

TIMBROOK PUBLIC SAFETY CENTER

Winchester Fire & Rescue Headquarters

231 East Piccadilly Street, Ste. 330
Winchester, VA 22601

(540) 662-2298



Year built 2002



FC-6 - 2010 Ford Explorer



OPS-6 - 2007 Ford Explorer



EMS-6 - 2010 Ford Explorer



FM 6-1 - 2008 Ford Explorer



FM 6-2 - 2005 GMC 2500



BAT 6 - 2014 Chevy Tahoe



Safety 6 - 2006 GMC 2500



Hazmat 6 - 1990 International



Leak & Spill - 2006 International



Leak & Spill Trailer



Mass Casualty Tent



Canteen 6 - 2001 GMC Yukon



For more information regarding this report or any other questions,
 please contact:

Winchester Fire & Rescue Department
 231 East Piccadilly Street, Ste. 300
 (540) 662-2298
winfrd@winchesterva.gov
www.winchesterva.gov/fire