



ANNUAL REPORT

2016 COBB COUNTY FIRE & EMERGENCY SERVICES



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COMPILED BY DENELL BOYD, Denell.boyd@cobbcounty.org 770-528-8000	

LETTER FROM THE CHIEF



On behalf of the men and women of Cobb County Fire & Emergency Services (CCFES), I wish to thank you for viewing our annual report. CCFES is a team of over 600 sworn firefighters and 40 civilian employees. Our Department is accredited through the Commission on Fire Accreditation International and certified by the State of Georgia. We strive to provide superior fire, rescue, and emergency services to the citizens and visitors of Cobb County in a proficient, professional, and compassionate manner and we want to continuously promote life safety within the county by practicing prevention, planning, education, and training.

We place tremendous value on the relationships our Fire personnel build in the communities they serve. The success of the Department is due to both the strong commitment of our employees and the support they receive from the entire community. We believe the hard work and professionalism of our firefighters, inspectors, investigators, educators, and civilian staff members contribute to the safe environment enjoyed by those who live, work, and visit our great county.

Please take a few minutes to learn more about CCFES at our website at www.cobbfire.org. You will find that our employees are dedicated, well-trained, and enthusiastic professionals who take pride in their work. They are ready to work with you to make your home, your workplace, and your community an even better place to live.

Sincerely,

A handwritten signature in cursive script that reads "Randy Crider".

Randy Crider

COBB COUNTY

Cobb County borders Atlanta to the North and West and is home to over 740,000 residents. Cobb County is the 3rd most populated county in the state of Georgia out of 159. We are home to Dobbins Air Reserve Base, Lockheed Martin, Six Flags Over Georgia, Home Depot Corporate Headquarters, and the future home of the Atlanta Braves. You will find an excellent community of quiet subdivisions and apartment complexes located near excellent schools, shopping, and churches. Recreational facilities are splendid and Cobb County is in a good location for a retreat to the mountains or a drive to the beach.

COBB FIRE HISTORY

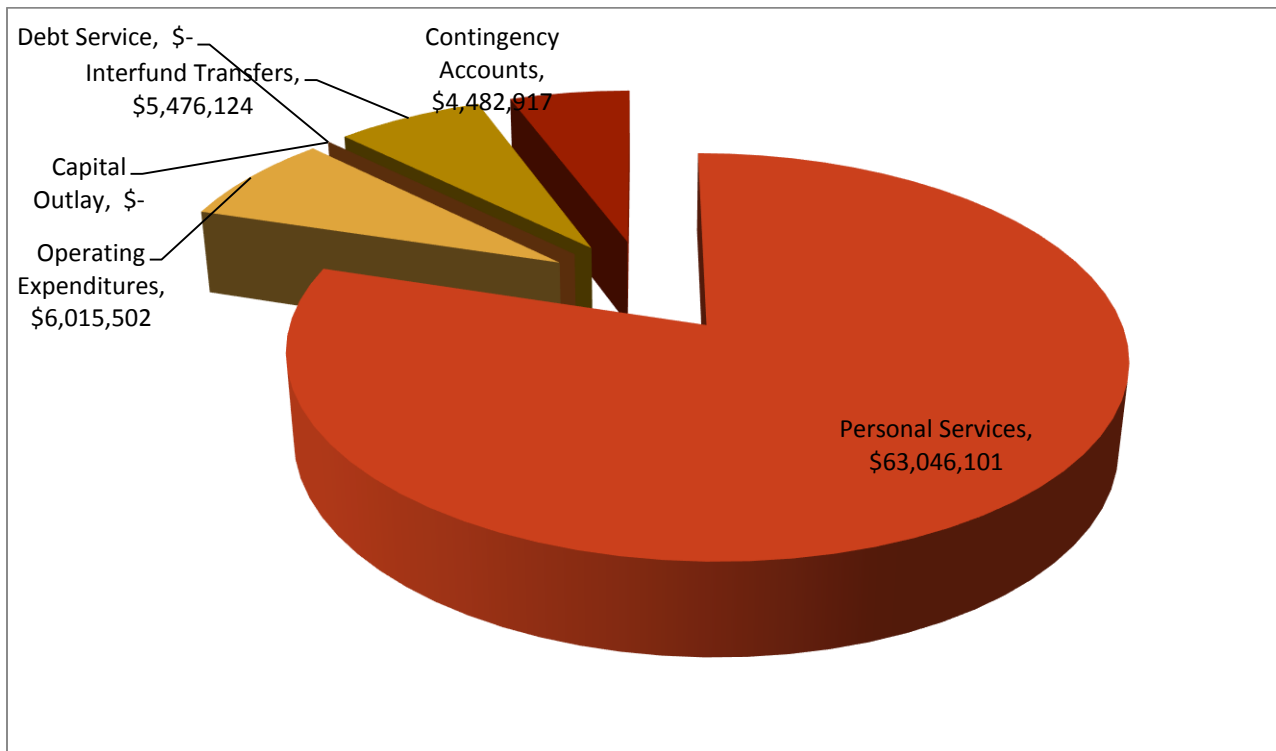
Cobb County fire protection had been divided into local fire districts and city departments prior to January 24, 1971. On this date, the Cobb County Board of Commissioners passed a resolution to form a consolidated, all-paid, career county fire department. The department covers 305 square miles of the unincorporated areas of Cobb as well as three of the six incorporated cities within Cobb: Kennesaw, Acworth, and Powder Springs. The cities of Marietta, Smyrna, and Austell provide their own fire protection. CCFES has evolved into a 647 member, full-service agency. Cobb Fire personnel are trained to respond skillfully to fire, medical, and disaster emergencies. We provide a highly proficient, comprehensive level of service incorporating the following divisions: Response which includes Fire Suppression; Emergency Medical Services (EMS); Special Operations which includes Hazardous Materials, Technical Rescue, and Medical Operations; Preparedness which includes Training, Facility Maintenance, Vehicle Maintenance, and Public Fire & Life Safety Education; Fire Prevention which includes Plan Review, Inspections, and Sprinklers; and Administrative and Support Services which includes Fire Investigations, Records Management, and Finance. The department serves approximately 700,000 citizens and daily visitors of the community.

MISSION STATEMENT

Cobb County Fire & Emergency Services (CCFES) exists to provide superior fire, rescue, and emergency services to the citizens and visitors of Cobb County in a proficient, professional, and compassionate manner. We continuously promote life safety within the county by practicing prevention, planning, education, and training.

BUDGET

The CCFES FY2016 adopted budget was \$79,020,644. The total authorized number of Fire positions for 2016 was 686. Of those, 647 were sworn positions and 39 were civilian positions.



Vehicles purchased in 2016 Include:

Seven Nissan Leaf electric powered vehicles for the Fire Marshal's Office and EMS Division \$10,548 each three year lease;

Two Ford F-150 4 door trucks for Fire Investigations Division \$30,474; each and

Two Ford Transit Cargo Vans for DPS Facilities Maintenance \$37,119 each.

Fire also purchased 3200 Austell Rd that will house Vehicle Maintenance, Facility Maintenance, Fire Investigations, and Support Services.

FIRE APPARATUS

Truck 21- 2016 Pierce 105' ladder truck \$998,554

Truck 4- 2016 Pierce 100' tractor drawn ladder truck \$1,344,892



Engines 4, 10, 12- 2016 Pierce Fire Engines \$556,481 each.



SPECIAL PURPOSE LOCAL OPTION SALES TAX

Security Fence for Station # 22 although not completed at press time \$85,563.00 (2011 SPLOST purchased in 2016)

Cameras for police/fire stations \$139,000

Mobile and portable radios \$14,000,000 (County wide)

Fire Station Alerting Software \$945,000

Mobile Command Unit to replace 900 Unit- \$1,500,000 budgeted; final cost not known as of press time.

Needs assessment for training FD & PD \$23,300,000 is the current SPLOST amount for this project.



GRANTS & DONATIONS

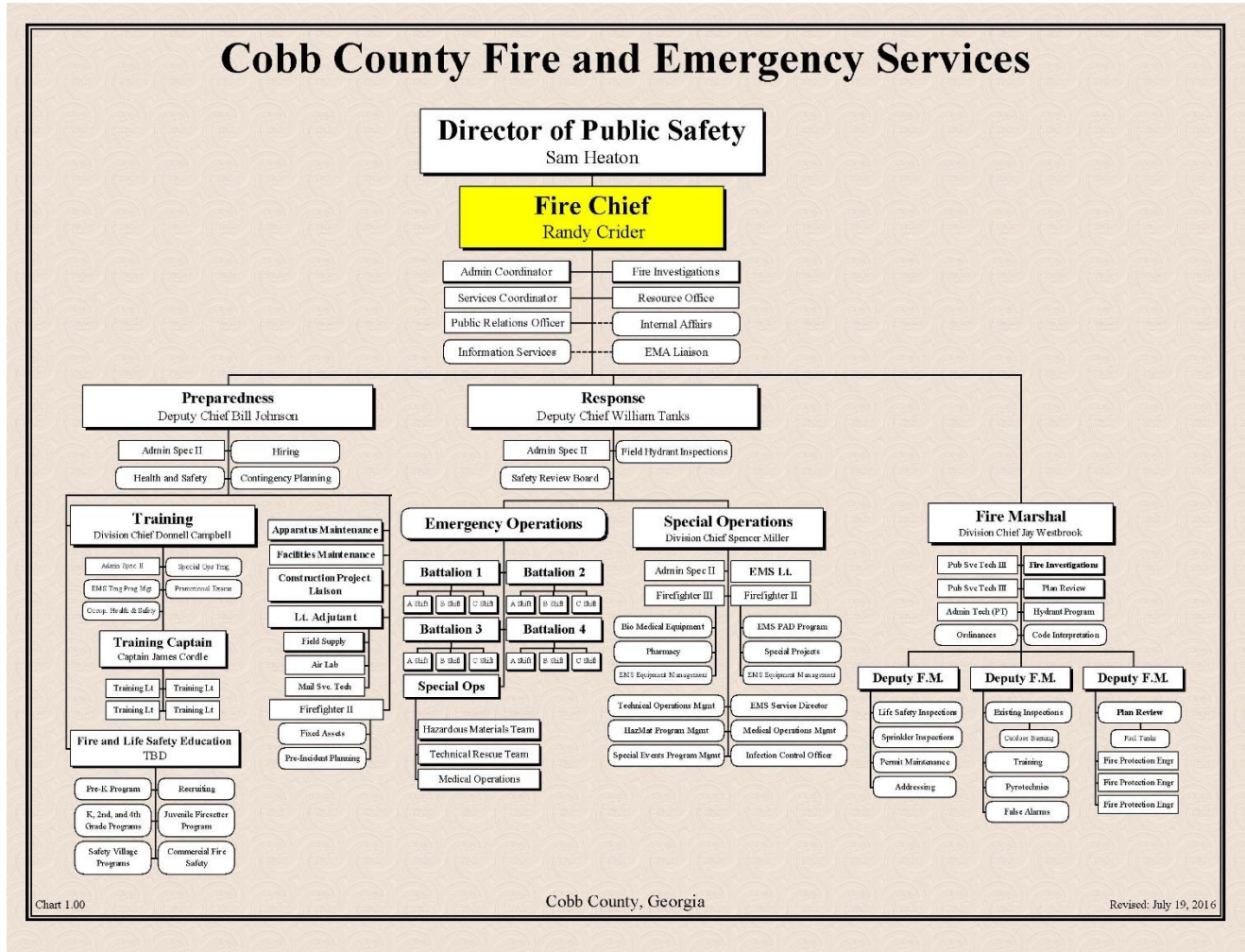
1. Ben G. Turnipseed Engineering Corp. donated \$4,500 for Station 4 upgrades (10-25-16)
2. Georgia Pacific donated \$1,000 for fire safety education materials (10-25-16)
3. GEMA awarded \$21,750 in Homeland Security funds for Ga. Search & Rescue Team (04-12-16)
4. Georgia FF Burn Foundation donated \$6,832 for fire safety education (12-13-16)
5. Georgia FF Burn Foundation donated \$6,612 for fire safety education (02-09-16)
6. Colonial Pipeline donated \$7,800 for firefighter training for industrial & chemical/petroleum incidents (02-23-16)
7. Vinnings Women's Club donated \$500 for exercise room equipment at Station 4 (05-10-16)

Total: \$48,994.00

2016 RECORDS REQUESTS

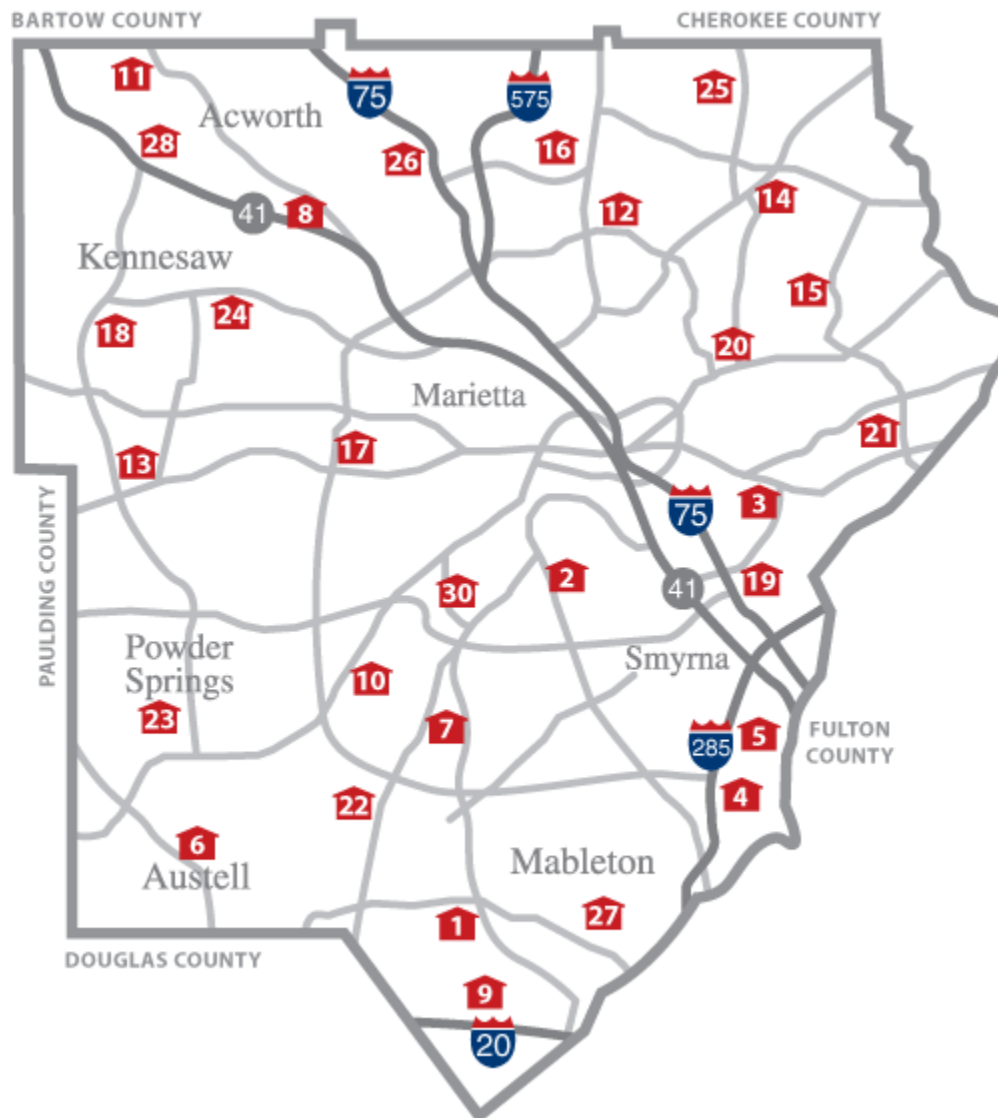
During 2016, there were a total of 1,444 open record requests completed.

ORGANIZATIONAL CHART



FIRE STATIONS

Cobb County Fire & Emergency Services has 29 fire stations strategically located throughout Cobb County and provides services to rural, urban, and heavily populated high-rise communities covering an area of 305 square miles. In 2016, we responded to over 62,000 calls.



INCIDENTS AND RESPONSE TIMES

Response times are critically important in Fire/EMS response. As response times increase, fires increase in size and intensity. In 2016, Cobb County Fire and Emergency Services was able to contain fire to the object and room of origin 62% of the time. This number reflects the department's ability to contain structure fires and stop the spread to additional floors, rooms, and other buildings. With emergency medical calls, increased response times translate to increased death rates. This is due to the importance of the "Golden Hour" (the survival rate drops when patients with serious illness or injury do not receive adequate medical intervention).

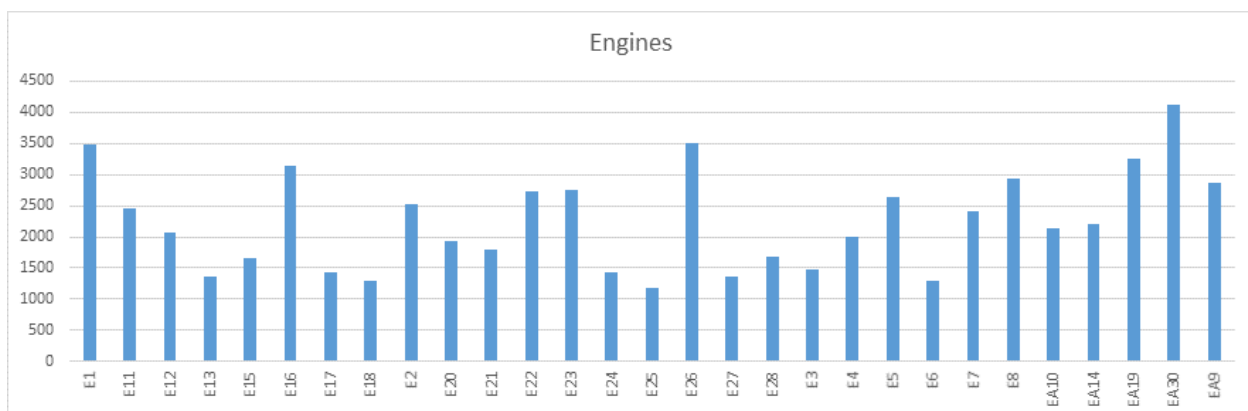
While CCFES cannot control traffic volume and flow in their response, we have improved our overall response times by decreasing our turnout times. These times represent the amount of time it takes a crew to get dressed in their personal protective gear and leave the station after the call is received.

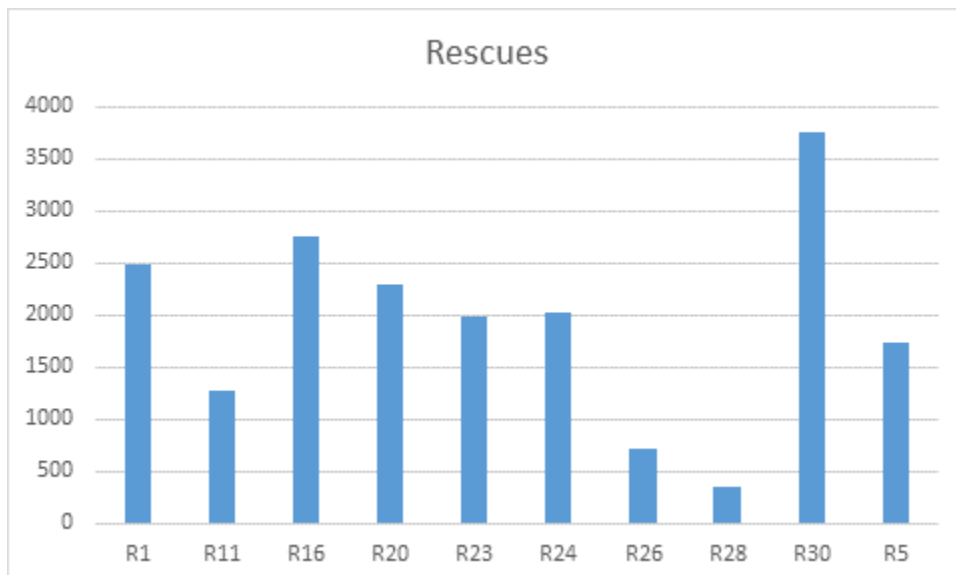
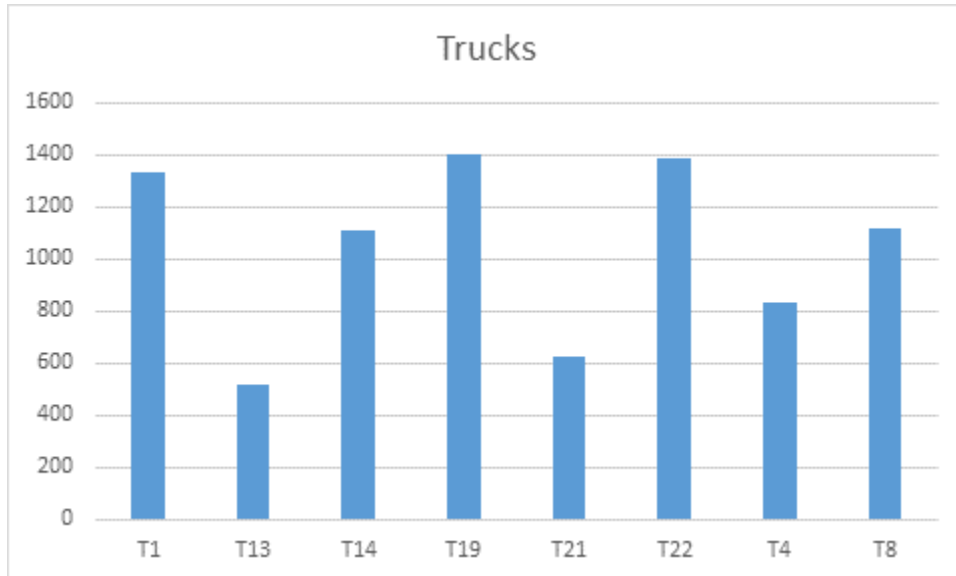
Below are the response times for 2016. The times are broken into average response times and 90th percentile times. This allows the department a more accurate evaluation of our performance measures.

	Processing		Turnout		Travel		Total	
Incident Type	90 th Percentile	Average	90 th Percentile	Average	90 th Percentile	Average	90 th Percentile	Average
All Calls	0:03:15.0	0:01:40.1	0:01:40.0	0:00:54.4	0:08:53.0	0:05:47.2	0:09:55.0	0:06:41.6
FIRE	0:05:03.8	0:03:28.8	0:01:51.0	0:01:01.5	0:11:54.0	0:07:04.0	0:12:57.8	0:08:05.5

CITIZEN COMPLAINT	34
EMS/RESCUE	33530
EXPLOSION	35
FALSE ALARM	3641
FIRE	1441
GOOD INTENT	15099
HAZMAT	1974
SERVICE	6690
SEVERE WEATHER	30
	62474

62% of fires were contained to either the room or object of origin.





INSURANCE SERVICES OFFICE (ISO)

Cobb Fire & Emergency Services receive highest Class 1 rating

For the AJC
12:32 p.m. Friday, April 29, 2016

Cobb County Fire & Emergency Services has received the highest Class 1 rating by the Insurance Services Office for the first time in its 45-year history.

ISO rates more than 48,000 fire-protection areas within the U.S. of which 178 are rated as Class 1 or one-third of 1 percent, according to a Cobb County statement released Tuesday.

The department now is one of 13 fire protection areas in Georgia to have a Class 1 rating.

Ratings under the ISO system range from 1, which marks superior fire protection, to 10, which indicates almost no fire protection.

Many insurance companies use ISO as a factor to access fire protection ratings and determine homeowner and business fire insurance premiums.

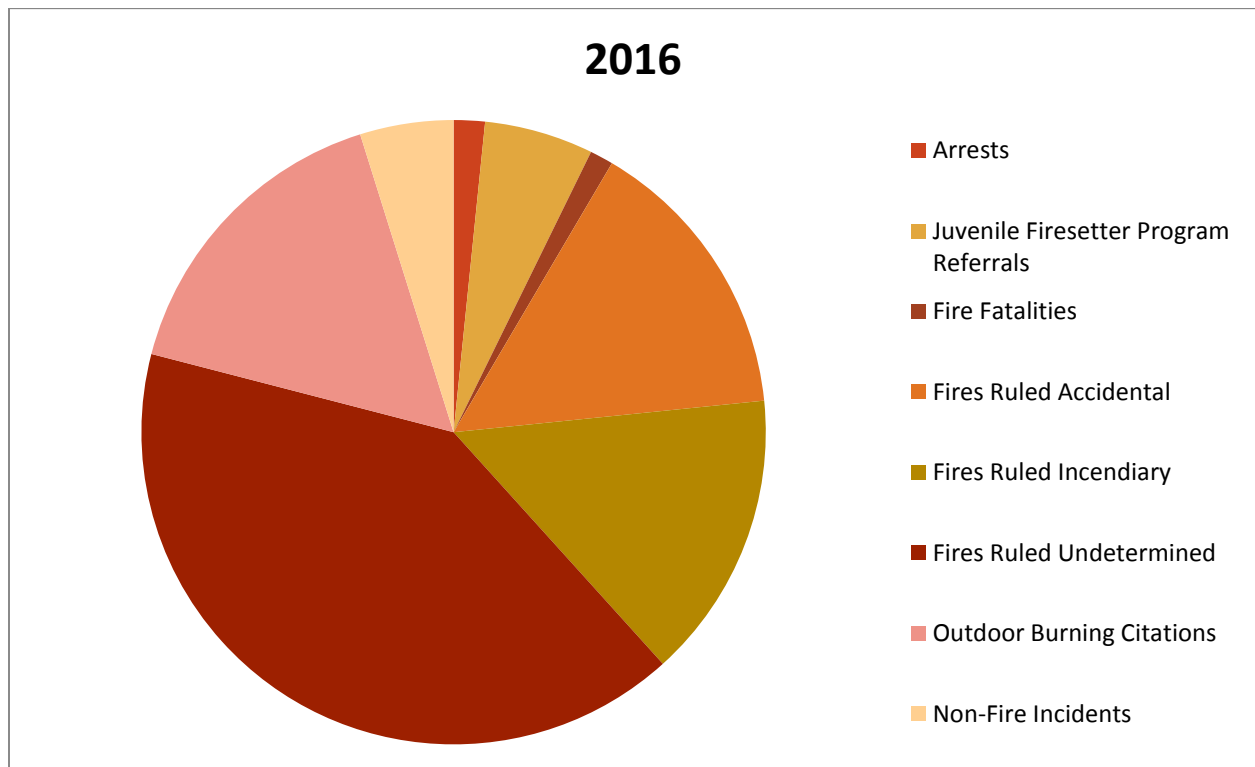
ISO ratings are based not only on the capability of fire departments but also the county's water delivery system, 911 system and efforts in risk reduction such as fire prevention, public safety education and fire investigations.





FIRE INVESTIGATIONS UNIT

The Fire Investigations Unit consists of five sworn personnel who are dually sworn and certified in the State of Georgia as both Fire Investigators and Police Officers. These investigators handle fires of suspicious origin, initiate criminal charges when appropriate, execute search and arrest warrants, and prepare cases for criminal prosecution through the courts. They are also responsible for enhancing access to public and commercial establishments by enforcing fire lanes within the mandated unincorporated areas of Cobb County. Additional duties also include the administration of the Juvenile Fire Setters Program and illegal outdoor burning violations in the County.



Fire Investigations Unit					
	2013	2014	2015	2016	% Change
Fires in Cobb	1046	1305	1042	1510	45%
Fires/Incidents Investigated	142	144	130	199	53%
Arrests	8	5	9	4	-56%
Juvenile Firesetter Program Referrals	8	5	4	14	250%
Fire Fatalities	1	5	2	3	50%
Fires Ruled Accidental	24	14	15	37	147%
Fires Ruled Incendiary	38	30	31	37	19%
Fires Ruled Undetermined	76	100	80	101	26%
Outdoor Burning Citations	42	40	37	40	8%
Non-Fire Incidents				12	



FIRE MARSHAL'S OFFICE (FMO)

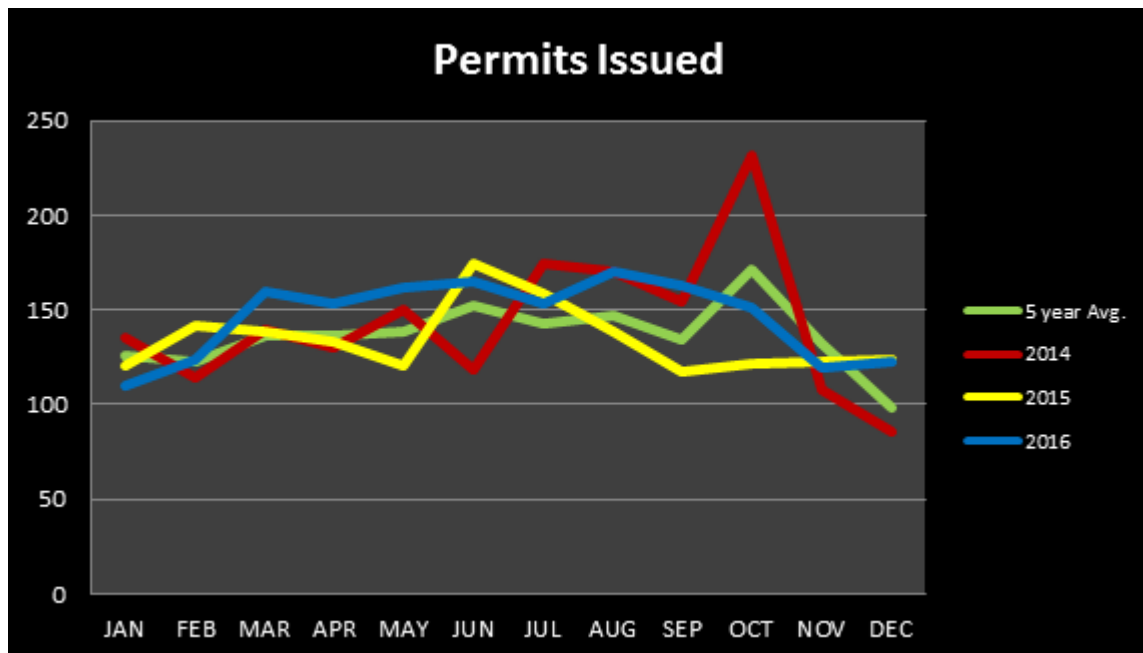
The FMO enforces the "Rules and Regulations for the State Minimum Fire Safety Standards" as adopted by the State Fire Commissioner pursuant to Title 25, Chapter 2, O.C.G.A. The FMO is the Authority Having Jurisdiction (AHJ) for all of unincorporated Cobb County and also serves the cities of Acworth, Powder Springs, and Kennesaw. The major functions of the office include:

- ☐ Conducting fire & life safety inspections of existing buildings and structures;
- ☐ Reviewing plans and specifications for proposed buildings and structures;
- ☐ Issuing joint Certificates of Occupancy with the Building Departments of Cobb County, Acworth, Kennesaw, and Powder Springs when all appropriate inspections have been approved.

In coordination with response personnel, the FMO also administrates the enforcement of Outdoor Burning. Cobb County is 1 of 54 counties in Georgia that is under the enforcement of the state-issued burning ban from May 1st through October 1st each year. Part of this enforcement involves the issuance of Medical Burn Bans to preserve the quality of life affected by the burning of yard debris. Currently there are 47 Medical Burn Ban Areas throughout the county.

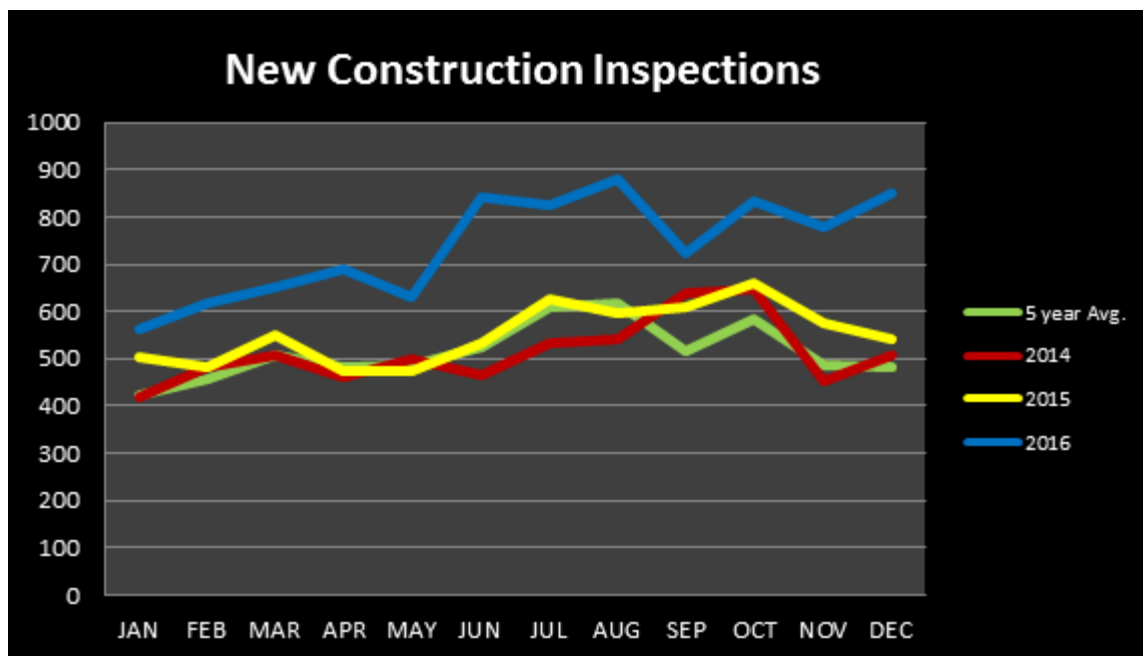
The FMO filled two additional positions beginning in FY17. This included one additional Fire Inspector position and an additional Public Service Technician. This brings the total personnel for the FMO to 25 full-time positions and one part-time position.

Significant statistical measurements for 2016 include a 34% increase in new construction inspections. This is largely due to increased development in the Cumberland and Kennesaw areas. Open Records request to the FMO increased 21% to another record high of 401 requests. The FMO also saw a 28% increase in fire code complaints to yet another record high of 487, averaging almost two fire code complaints per business day. Revenue generated by the FMO saw a 25% increase, taking in more than \$640,000.00 for 2016.



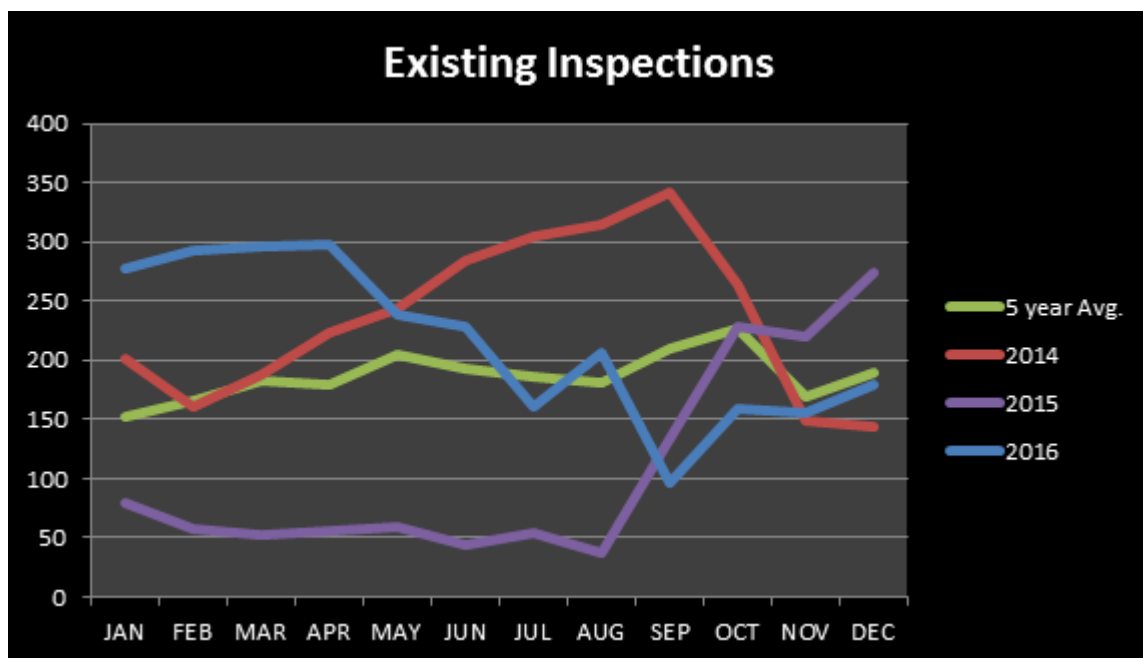
<i>New Construction Activities</i>	2015 Totals	2016 Totals	% Change
Consultation Meetings	143	159	11%
Plan Reviews Completed (Fh + filenet/onestop/PLANREVU)	4121	5090	24%
Zoning Case Reviews (PZA)	287	236	-18%
Permits Issued (Plans Approved Requiring FS Code Release)	1615	1753	9%
Sprinkler Division Inspections Completed	2154	3142	46%
Life Safety Releases Requiring Sprinkler Release	910	933	3%

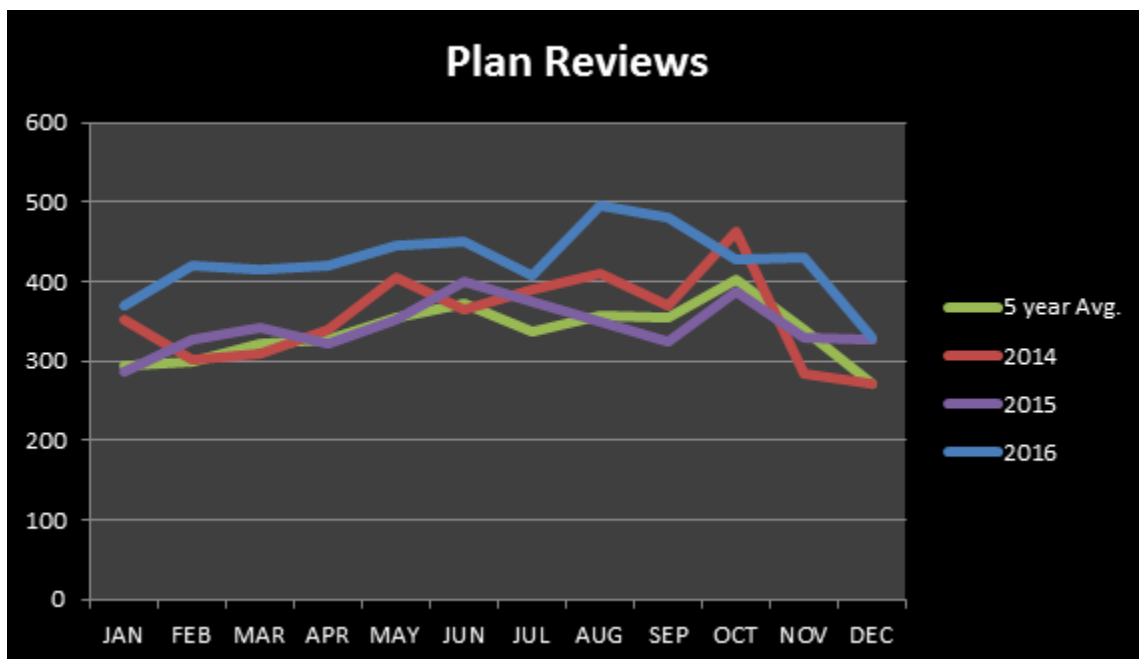
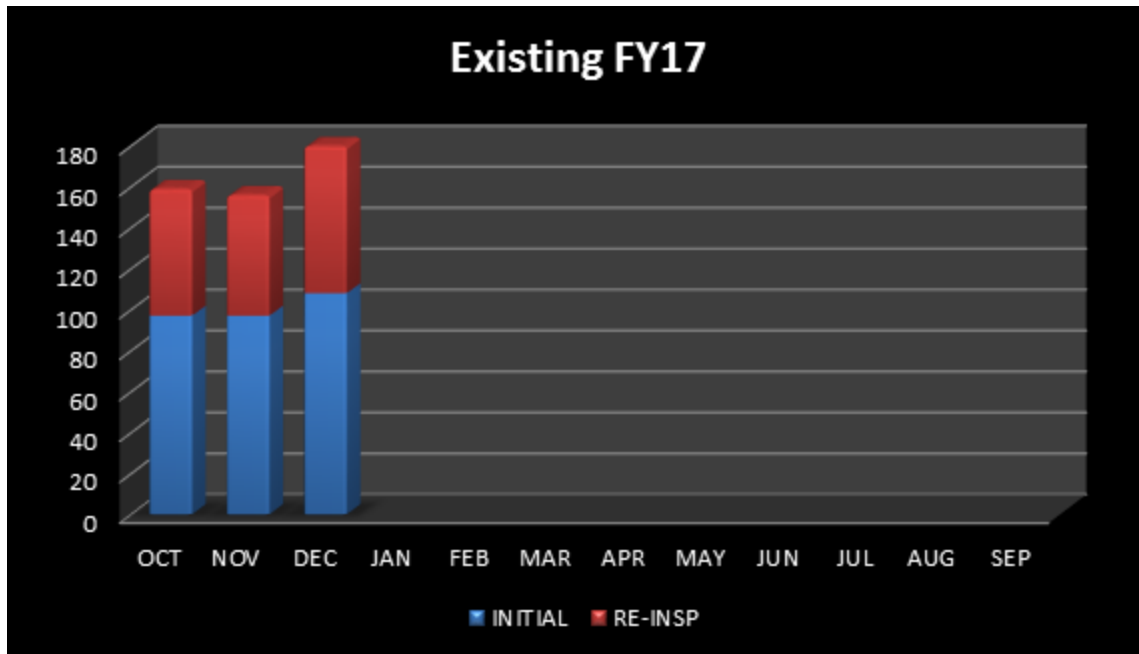
New Construction Life Safety Inspections Completed	4471	5745	28%
TOTAL New Construction Inspections	6625	8887	34%
Total REQUESTED New Construction Inspections	5483	7812	42%
Permits Closed (Life Safety Releases Issued)	1516	1523	0%
Permit Closure Rate	94%	87%	-7%



Existing Building Activities	2015 Totals	2016 Totals	% Change
Existing Building Initial Inspections (Non-Re-Inspection)	1044	1496	43%
Existing Building Re-Inspections	448	1092	144%
Total Existing Building Inspections Completed	1492	2588	73%
Sprinkler Activation Inspections Completed	192	100	-48%
Fire Code Complaints Closed	380	487	28%
Legal Warnings and Citations ¹	1196	1583	32%

¹—Includes Fire Lane Citations and Outdoor Burning Citations issued by Fire Investigations Unit.





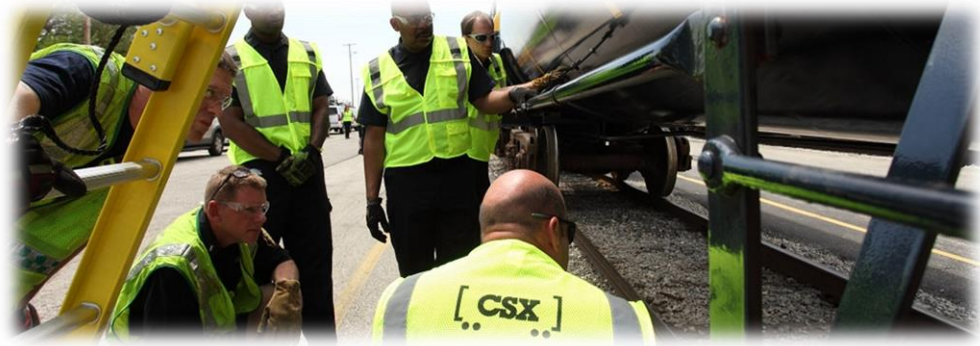
<i>Administrative Specialist Activities</i>	2015 Totals	2016 Totals	% Change
Phone Calls Total	10300	11704	14%
Phone Calls Average Per Day	42	48	13%
Plan Review Appointments Entered	4121	5090	24%
New Const. Inspections Scheduled	6625	8887	34%
Permits Entered	1615	1753	9%
Code Releases Processed	1516	1523	0%
Open Records Requests	331	401	21%
Fines and Fees Collected	\$513,724.10	\$640,124.05	25%

TRAINING DIVISION



COBB COUNTY FIRE TRAINING

- Six weeks of drill was held in Spring, 2016 for all three shifts, including a drill at the CSX Rail yard. This drill was a collaboration between CCFES and CSX who builds on their long-standing commitment to communicate with firefighters and other emergency responders by providing critical training in hopes of advancing the top priority, SAFETY. Over 90% of field personnel participated in the drill.



- Six weeks of drill was held in the fall for all three shifts and it included a drill on our fireground consisting of search and rescue. This year's fall drill included both classroom and hands-on-training that focused on search and rescue with emphasis on Vent, Enter, Isolate and Search (VEIS). 92% of field personnel participated in the drill along with 90 members from Marietta Fire Department, 66 from Smyrna Fire Department and Clayton County Fire Department had a crew participate in the drill as well.



- This year approximately 46 members completed the Fire Apparatus Operator training (FAO). Fire Apparatus Operator training focus is placed on apparatus familiarization and operation, defensive driving, and road safety when operating the fire apparatus`.
- Approximately 22 participated in the Aerial Apparatus Operator (AAO) training and received certificates.



- Approximately 120 members participated in the Pump Qualifications process this year. Additional training changes were made this year to improve the process. With the additional training added, we were able to accomplish the goal of improving on our pass percentage; there was a 15% improvement on the pass rate.
- The Technical Rescue Academy included instruction and hands on training in the following disciplines: Intro to Technical Rescue, Rope Technician, and Trench Rescue Technician and Confined Space Technician. Each class consisted of 48 hours of training.
- Fifteen (15) members were able to complete the 104 hour hybrid class for IFSTA Hazmat Technician resulting in NPQ certification.
- 2016 marked the 89th anniversary of the Fire Department Instructors Conference. Fire Department Instructors Conference (FDIC) is the largest firefighter training conference in the world. Approximately 38,000 individuals traveled hundreds even thousands of miles to receive cutting-edge training and to enjoy the “FDIC experience.” Cobb County was well represented with 19 in attendance this year, many who were there as instructors.





In October, 2016, several of our members attended the FireHouse Conference in Nashville TN. Some attended to gain knowledge to bring back. Others attended as instructors. Courageous Conversation was a hit once again.



- The Training Staff was once again instrumental in the success of the annual Metro Atlanta Fire Fighters Conference (MAFFC) held at the Safety Village in May. Over 1,000 attendees from around the US participated where a combination of hands on training and lecture classes were held on various topics including ladder operations, live fire and vehicle extrication.



- In 2016 Fire Officer I classes were offered in two different sessions
 - October 2016 - seven people completed Fire Officer I
 - December 2016 - eight people completed Fire Officer
- In 2016 we offered Fire Instructor I in three different sessions
 - August 2016 - seven people completed Fire Instructor I
 - October 2016 - four people completed Fire Instructor I
 - November 2016 - six people completed Fire Instructor I
- Two employees completed this course at GPSTC
- NIMS 300 - 25 people completed
- NIMS 400 - 25 people completed

Recruit Training

- The Training Division graduated 31 new recruits plus the 11 lateral recruits. We sent a total of 44 well trained new firefighters to the field in 2016.
- Recruit class 46 started with fifteen (15) new candidates.
- 12 recruits completed EMT training and took the National Registry EMT exam.
- 36 recruits completed AEMT training and took the National Registry AEMT exam.

Physical Training:**Fire Physical Agility Test Results:**

- 224 candidates for hire went through the Physical Agility Testing (PAT).
- During that year 90 Fire Recruits participated in the PAT.
- 90 Recruits had physical training sessions three to five times a week.
- 665 of our current sworn firefighters went through the PAT. Of that number 81% completed the PAT course in less than 9 minutes.
- 49% of those tested completed the course in 7:30 minutes or less.
- In order to pass the test, a participant must complete the course in no more than 11:30 minutes. Less than 1% did not meet the standard.

2016 EMS Training Courses Offered:

- New American Heart Association (AHA) Instructor Training
- Heart-Saver 12
- Healthcare Provider -10
- Advance Cardiac Life Support- four
- Heart-Saver CPR Training 60 courses which trained 430 participants
- Heart-Saver CPR Training (PAD Programs) 22 courses which trained 164 participants
- Heart-Saver CPR First Aid training six courses which trained 50 participants
- HealthCare Provider CPR Training 112 courses which trained 440 participants
- Advance Cardiac Life Support Training 15 courses which trained 85 participants
- Eight members of the Medical Operations Team completed Tactical Casualty Care Course train-the-trainer course.
- The Training Center was approved as a Tactical Casualty Care Course training site and completed a course training 24 participants.

The training staff participated in the 2nd annual Metro Atlanta EMS Conference (MAEMSC) held in March, 2016. The conference provided hundreds of attendees from around the US valuable EMS training.

The Training Division coordinated three National Registry psychomotor exams (one Paramedic Exam and two Advance EMT Exams). Each exam is comprised of ten or more evaluation stations. Over 75 candidates were evaluated during these exams.

Six weeks of EMS Drills were held in the summer for all three shifts and 331 people attended.

An EMS Training Workshop was held in April in conjunction with WellStar Health System and 25 people attended.

The Training Division developed and delivered numerous annual training courses to ensure the department personnel that met the State / National EMS Training requirements.

The course topics included:

- MCI Plan and SALT Triage
- GAEMS Triage Bag Review
- Transition from D50% to D10%
- Incident Response to Terrorist Bombings
- Geriatrics Emergencies
- Spinal Injuries and Immobilization
- BCON and Tourniquet
- Behavioral Emergencies
- Annual Training Procedures and Requirements
- Toxic Gas Considerations in Fire Operations
- Introduction of Children with Special Health Needs
- I-Gel Airways
- PPE Validation Training
- Solu-Medrol Training
- NAEMT Bleeding Control Course
- CAPA Airway Training
- EZIO Training

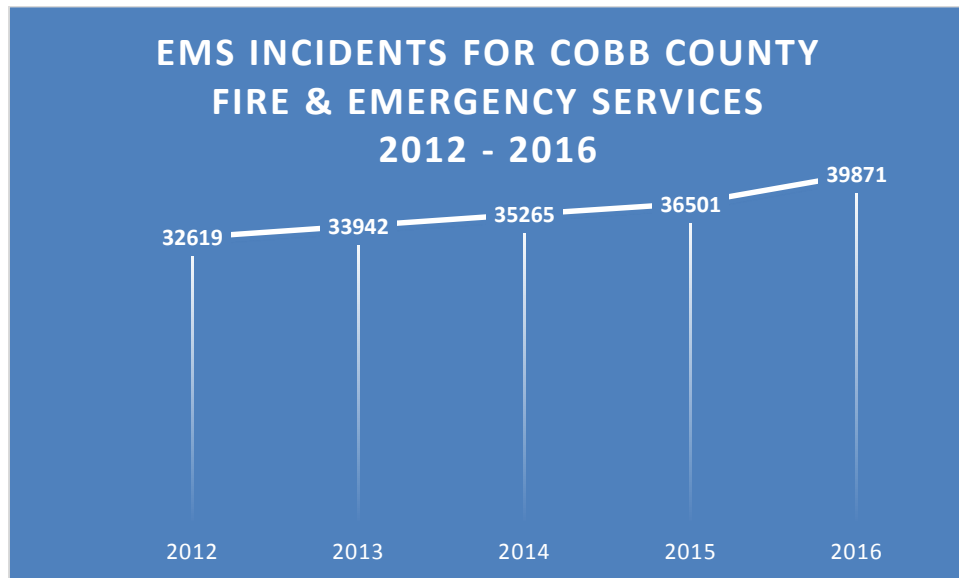
SPECIAL OPERATIONS DIVISION

The CCFES Special Operations Division consists of one Division Chief, one Lieutenant, two Firefighters and one Administrative Assistant. The Division manages the following services and programs:

Emergency Medical Services (EMS)

All members of CCFES are certified as EMT-Intermediates (EMT-I), Advanced-EMTs (A-EMT) or Paramedics. All 29 stations respond to 911 calls and provide at a minimum, Basic Life Support (BLS) care. This includes automatic external defibrillators (AEDs), intravenous (IV) solutions, some medications, and advanced airway adjuncts. Fourteen units operate as Advanced Life Support (ALS) care which provides advanced medications, 12-Lead EKG monitoring, external pacing capability, intraosseous needles, endotracheal airways, and pain medications.

In 2016, CCFES responded to 39,871 medical calls. This is a nearly 10% increase in call volume over 2015. Sixty-four percent of the total incidents for Cobb Fire are medical in nature.



The EMS Division is proud to announce that our crews were able to revive over 30 patients who were suffering from clinical death due to sudden cardiac arrest. This is the largest amount of cardiac arrest saves since CCFES began keeping records. One of those patients was an expectant father who was able to welcome his child into the world due to the lifesaving actions of personnel.

The recent success in cardiac arrest saves may be contributed in part due to two new technologies that Cobb medics have incorporated into their supplies. All Cobb fire apparatus now carry the i-Gel® supraglottic airway as the primary means of establishing a patent airway. The i-Gel® has reduced the time it takes our crews to perform this procedure by three fold; critical time when treating patients suffering from cardiac arrest or airway emergencies. Our Paramedics are now carrying the McGrath MAC Video Laryngoscopes, which allow our medics to insert a breathing tube directly into a patient's airway. The addition of video technology to laryngoscopy has doubled the success rate of inserting the breathing tube correctly on the first attempt. The Department purchased 18 for a total cost of \$44,228.00.

The heroin epidemic continues to ravage Cobb County and the surrounding metro Atlanta area. CCFES medics administered naloxone, a medication that reverses the effects of heroin and other opioid based drugs, to 260 patients who were suffering from a potentially deadly overdose in 2016. The total cost for the naloxone is estimated at \$12,220.

Early in 2016, Cobb County Fire & Emergency Services participated in active shooter training with local schools and police departments. In order to protect our firefighters when responding to these events, the department has purchased 48 sets of ballistic vests and helmets. 48 vests were purchased for a total cost of \$44,857.00.

Other significant events and purchases in 2016:

- Executed a 5-year contract for 911 Ambulance Zone Providers with Puckett EMS and MetroAtlanta Ambulance
- Paramedic School:
 - Graduated five students from the MetroAtlanta Ambulance Paramedic Academy
 - Enrolled seven students to the MetroAtlanta Ambulance Paramedic Academy
- Purchases:
 - Four Styker StairPRO stair chairs at a cost of \$11,425.44
- Awards:
 - 5/19/16 – At the Region III EMS Awards, CCFES was the winner in 3 categories:
 - Lieutenant Chris Smith (10/C) won the Dennis Lockridge EMS Pioneer Award for his work with the Metro Atlanta EMS Conference (MAEMSC)



- The Pediatric Award of Excellence was awarded to Engine 28 and Rescue 11 (A Shift) for their resuscitation of a 14 year old patient in cardiac arrest.
 - The Excellence in Trauma Care Award was awarded to Company 1 and Company 22 (C Shift), along with the Austell Fire Department, for care rendered to sanitation worker who had been struck by a vehicle
- Training attended:
 - 1/19/16 – 1/21/16 – Several members of CCFES attended the TEEX MGT-440 Course – Enhanced Sports and Special Event Incident Management to
 - 2/8/16 – 2/9/16 – Members of the Special Operations Division attended the NETEC Ebola Preparedness Training Course at Emory University
 - 3/4/16 – 3/6/16 – Members of CCFES attended the 2016 Metro Atlanta EMS Conference in Austell, GA
 - 3/14/16 – 3/16/16 – Members of the Special Operations Division attended the GAEMS EMS Directors and Leadership Conference in Buford, GA

- 4/28/16 – CCFES hosted a lecture on Strokes and Left Ventricle Assist Devices (LVAD) by the Wellstar Health System at the Cobb Public Safety Training Center
- 5/20/16 – Special Operations Division Chief attended the Region N Ebola Virus Disease Seminar at Wellstar Kennestone Hospital
- 6/15/16 – 6/16/16 – Special Operations Lieutenant attended the Zoll Resuscitation Symposium at the University of Minnesota
- 9/9/16 – 9/13/16 – Special Operations Lieutenant attended the GAEMS Educators Conference in Savannah, GA
- 10/4/16 – 10/7/16 – Special Operations Division Chief attended the EMS World Expo in New Orleans, LA
- Public Relations
 - 7/26/16 and 7/27/16 – Members of CCFES participated in an Active Shooter Awareness class for the corporate offices of Bank of America
 - 10/18/16 – U.S. Congressman Barry Loudermilk (GA) visited CCFES HQ to observe the narcotic tracking procedures of the CCFES Special Operations Division
- Exercises:
 - 5/16/16 - CCFES Engine 9 participated in a Multi-Casualty Training Exercise with Security and First Aid at Six Flags Over Georgia
 - 9/29/16 – Region N/D Mass Casualty Tabletop Exercise in Atlanta

Elder Abuse and 911 Abuse

CCFES is a working partner with the Cobb County Elder Abuse Task Force. This group enhances information exchange between all programs (fire, police, EMS, public health, health care systems, etc.) that deal with elder abuse or neglect.

As part of our role with the Cobb County Elder Abuse Task Force, CCFES sends Paramedics to assist at-risk adults and those identified as a vulnerable population. Our team will help adults 65 and over as well as adults 18 years and over with any disabilities. The Paramedics meet with the individuals to help identify any programs or resources that will help those identified as needing assistance. The team also works with residence and facilities that have high 911 usage in order to identify resources and strategies to help reduce the demand on the emergency system. The team worked with 49 individuals and facilities this year.



- On 1/28/16 and 1/29/16, members of the CCFES Special Operations Division conducted Elder Abuse Awareness Training for all drivers for Cobb County Senior Services

Event Medical Coverage

CCFES provides medical coverage to large events in the county as well as large sporting events for Kennesaw State University (KSU). The coverage is provided by teams on foot, on bicycles, or at a first aid tent. Events on water are either covered by the TRT using Boat 4 or by Station 28 using jet skis.

The Event Medical Team, TRT or Field Units covered:

- Fifth Third Stadium at KSU
 - Seven college football games for the KSU Owls
 - Seven major league lacrosse games for the Atlanta Blaze
 - Three high school lacrosse championship games
 - Two major events (Food Truck Rally and Owl-O-Ween)
- 5K Races or Charity Events – five events
- Lake Acworth – two events
- Lake Allatoona – two events
- Shrine Circus at Jim Miller Park
- Total of 29 events

Public Access Defibrillation (PAD) Program

The CCFES PAD Program maintains 182 Automatic External Defibrillators (AEDs) in Cobb County facilities. The program also provides training to county employees and some partner groups in CPR, first aid, fire extinguisher/fire drill training and bleeding control.

The PAD Program provided support to three external partners who saved a life with their publicly available defibrillator. The program also assisted more than a dozen organizations with acquiring AEDs to start their own PAD Program.



In 2016, the PAD Program purchased 39 Zoll AED Plus units to replace aging AEDs at a cost of \$34,437.00.

Hazardous Materials Response Team (HMRT)

CCFES operates a 48 member Hazardous Materials Response Team (HMRT) out of two stations. The HMRT is designated by the Georgia Emergency Management Agency (GEMA) as a Type I Response Team. This designation signifies the HMRT is capable of responding to incidents anywhere in the State of Georgia. The HMRT operates out of two hazardous materials response units, one mass decontamination vehicle, and one command vehicle.



- Purchases:
 - Two Rae Systems AreaRae Steel remote chemical detectors at a cost of \$22,008.00
 - Two Smiths Detection Sabre 5000 Chemical Detectors at a cost of \$60,295.00
 - One WeatherPak TRx2 Mobile Weather Station at a cost of \$7,958.50
 - PEAC-WMD software from AristaTek for a cost of \$15,000.00
 - Updated warranties on the ThermoFisher TruDefender and FirstDefender chemical identifiers at a cost of \$10,000.00
- Training attended:
 - Captain Kyle Smith (8C) was a presenter at the IAFC Hazmat Conference in Baltimore, MD. He taught “The Amrep Fire: A Case Study”.
 - 6/21/16 – 6/23/16 – Modular Emergency Response Radiological Transportation Training (MERRTT) (Day 1) at the Cobb County Public Safety Training Center
 - 6/28/16 – 6/30/16 – Modular Emergency Response Radiological Transportation Training (MERRTT) (Day 2) at the Cobb County Public Safety Training Center
 - 8/3/16 – Atmospheric Monitoring Course at the GA Public Safety Training Center (GPSTC)
 - 8/4/16 – Radiological Monitoring Course at GPSTC

- 8/16/16 - 8/19/16 - 4 Day Hazcat Kit Operations Course at GPSTC
- 8/31/16 - PEAC-WMD Software Training – CCFES Fire HQ
- 10/10/16 - Atmospheric Monitoring Course at GPSTC
- 10/14/16 - Radiological Monitoring Course at GPSTC
- 10/17/16 - 10/21/16 - one member of the HMRT participated in the Hazardous Materials Sentinel Training program at the CSX Railroad Education and Developmental Institute (REDI) in Atlanta
- 10/25/16 - 10/28/16 - four Day Hazcat Kit Operations Course at GPSTC
- 11/16/16 - 11/17/16 - Sabre 5000 Training - CCFES Station 8
- 11/18/16 - Hazmat ID Elite Training - CCFES Station 8

Hazardous Materials Response Team Grants and Donations

- 5/1/16 - 5/6/16 - Colonial Pipeline donated \$7,500.00 for two members of the TRT to attend the Williams Xtreme Firefighting School in Beaumont, TX
- 6/16/16 - 6/19/16 - The Cobb County Resource Council donated \$1,345.55 for one member to attend the IAFC Hazmat Conference in Baltimore, MD

Medical Operations Team (MedOps)

The CCFES Medical Operations Team (MedOps) provides tactical medics for Cobb County Police SWAT, Cobb County Sheriff's SWAT, and the tactical team of the Marietta-Cobb-Smyrna (MCS) Drug Task Force. The team provides medical support for State and Federal agencies on operations within the County. They establish rehab services for CCFES as well as medical support for the CCFES HMRT. MedOps serves as the medical support of the Cobb County Police Bomb Squad and Dive Team. The team operates out of a large multi-purpose response vehicle or a smaller quick response vehicle.



- In 2016, MedOps responded to:
 - 4 – Special Events Support calls
 - 1 – Cobb PD Bomb Team incident
 - 2 – Cobb PD Dive Team incidents
 - 10 – Cobb Sheriff's Department incidents
 - 18 – Cobb PD SWAT incidents
 - 30 – Support to other Cobb agencies
 - Total of 65 incidents
- Purchases:
 - Replacement ballistic armor and helmets at a cost of \$72,336.20
- Training attended:
 - 7/29/16 – 7/30/16 - Tactical Emergency Care Course (TECC) at the Cobb County Public Safety Training Center
- Exercises:
 - 4/6/16 – Members participated in an active shooter training drill at the Chattahoochee Technical College – Austell Campus

Technical Rescue Team (TRT)

CCFES operates a 36 member Technical Rescue Team (TRT) based at two stations. The personnel are trained to technician level in rope rescue, trench collapse, structural collapse, confined space rescue, swift water rescue, and vehicle/machinery extrication. The team operates out of one heavy rescue unit, one modified heavy rescue ladder truck, one rescue boat, and one trench collapse truck.

Members of the TRT are also trained in aviation rescue and are attached to the Georgia State Patrol (GSP) Aviation Unit for North Georgia. From 9/30/16 – 10/2/16, members of the TRT performed standby with the GSP Aviation Unit at the Warner Robbins Air Force Base 2016 Air Show. From 10/8/16 – 10/10/16 three members of the TRT responded with the GSP Aviation Unit to south GA as part of the response to Hurricane Matthew.

- Purchases:
 - Confined space equipment to improve response capabilities at a cost of \$4,047.00
 - SearchCam 3000 Rescue Camera with Infrared at a cost of \$17,217.31
 - Personal swiftwater rescue gear for all TRT members at a cost of \$16,472.14
 - Aluminum trench rescue panels at a cost of \$11,410.00
- The CCFES Technical Rescue Academy taught the following course:
 - 1/19/16 – 1/23/16 – Introduction to Technical Rescue
 - 3/7/16 – 3/12/16 – Technical Rescue Core Competencies
 - 4/25/16 – 4/30/16 – Rope Rescue Technician
- Training attended:

- The TRT continued to teach the NPQ Extrication Technician to members of CCFES to improve response to vehicle extrications
- 3/15/16 – 3/19/16 – CCFES sent two members to the Holmatro Technician Course – Advanced to enhance the maintenance program of the department's extrication equipment
- 5/5/16 – 5/7/16 – GAEMS Advanced Extrication Train-the-Trainer course in Washington, GA
- 5/9/16 – 5/12/16 – Motorboat Operator Certification Course – Chattahoochee River National Recreation Area
- 5/10/16 – 5/12/16 – Swiftwater Rescue Training – Thunder River at Six Flags Over Georgia
- 6/2/16 – 6/4/16 – GAEMS Advanced Extrication Train-the-Trainer course in Macon County, GA
- 6/14/16 – TRT members attended the PMI Equipment Demonstration at the Cherokee County Fire Training Center
- 7/18/16 – 7/22/16 – 6 members of the TRT attended Surface Water/Swift Water Rescue Technician Course at the Alabama Fire College
- 8/2/16 – 8/3/16 and 8/22/16 – Members of the TRT participated in Helicopter Rescue training with the GSP Aviation Unit
- 9/6/16 – 9/7/16 – Members of the TRT participated in Advanced Helicopter Rescue training with the GSP Aviation Unit at GPSTC
- 11/16/16 – TRT members participated in a Large Animal Rescue course
- 12/16/16 and 12/21/16 – Members of the TRT participated in Helicopter Rescue training with the Georgia State Patrol (GSP) Aviation Unit
- Public Relations:
 - 4/19/16 – Members of the TRT gave an on air interview with the Weather Channel to explain flood and swiftwater safety and awareness

TRT Grants and Donations

- 1/28/16 – Accepted a donation in the amount of \$5,000.00 from Marathon Petroleum to improve confined space rescue operations in the County – Funds was used to improve the CCFES Confined Space Rescue Simulator

Georgia Search and Rescue Group (GSAR)

CCFES is a member of the Georgia Emergency Management Agency's (GEMA) Search and Rescue Program. This program consists of several task forces established all over the State of Georgia. These task forces have identically equipped vehicles and participants are trained to various levels. The task force can be a local level response or a state-wide deployment. CCFES is part of Task Force 2 (Metro Atlanta) with the counties of Fulton, Gwinnett, Dekalb, Clayton and

the City of Atlanta. The task force operates out of six fully equipped identical response units and three tractor trailer supply caches.

From 10/8/16 to 10/10/16, six members of the CCFES TRT responded to areas of South Georgia that were devastated by Hurricane Matthew as part of the Task Force 2 GSAR deployment.



- Exercises:
 - 3/22/16 – Members of the TRT participated in a GSAR Exercise involving confined space rescue at the Clayton County Fire Training Center
 - 6/14/16 – Members of the TRT participated in a GSAR Exercise involving high angle rescue at the old Atlanta Journal-Constitution Building in Atlanta
- Training attended:
 - 3/23/16 – 3/24/16 - GSAR Heavy Equipment and Vehicle Extrication Course at the Warner Robbins Fire Training Center
 - 4/25/16 – 4/28/16 – GSAR Heavy Equipment Rigging Specialist at the Guardian Center in Perry, GA
 - 5/9/16 – 5/16/16 – GSAR Structural Collapse Technician at GPSTC
 - 10/4/16 – 10/7/16 – GSAR Technical Search Specialist Course at the Gainesville/Hall County Fire Training Center

GSAR Grants

- 9/27/16 – Accepted a grant in the amount of \$21,750.00 from the Georgia Emergency Management Agency (GEMA) to support Georgia Search and Rescue (GSAR) operations. This will be used to replace personal protective equipment for members

COMMAND STAFF



Division Chief Westbrook, Deputy Chief Tanks, Deputy Chief Johnson, Chief Crider, Division Chief Campbell and Division Chief Miller.

AMERICAN RED CROSS PREPAREDNESS CAMPAIGN

Cobb County Fire & Emergency Services partnered with the America Red Cross to canvass neighborhoods, install smoke alarms and deliver fire prevention information in places that have a high number of fires. Staging at Mount Harmony Baptist Church in Mableton, Saturday, May 21, 2016, 70 participants installed 116 smoke alarms and handed out 10 Home safety kits from Safe Kids.

DPS EDUCATION BLOCK PARTY

Cobb County Department of Public Safety Education Block Party was held April 16, 2016, at Cobb Park, in partnership with the City of Smyrna, and October 15, 2016, at South Cobb Recreation Center. Both events featured fun, food, and music for members of the community as well as participation from Cobb County Police, Fire Department, 911, Animal Control, Community Emergency Response Team, Austell Community Task Force, the Neighborhood Safety Commission and Safe Kids Cobb County.



Cobb Park, April 16, 2016

2016 BOOT DRIVE RESULTS

\$68,321.40 was collected during the “Give Burns The Boot” boot drive. The funds go to the Georgia Firefighters Burn Foundation, which supports the burn centers at Doctor’s Hospital in Augusta, WellStar Cobb Hospital and Grady Memorial Hospital. Some of the proceeds are also designated for Camp Oo-U-La, the state’s camp for burn-injured children. GFBB mission is to partner with the fire service and burn care community to provide fire safety and prevention education, support medical facilities and assist burn survivors in their recovery.

PUBLIC FIRE & LIFE SAFETY EDUCATION

Education Activity* Students Reached

Elementary School Pre-Visits 15,531

Safety Village Kindergarten Class 8,881

Safety Village 2nd Grade Class 9,968

Safety Village 4th Grade Class 10,767

Safety Village Special Needs Class 376

Total Safety Village Classes 30,064

Corporate Cobb (Drills and Extinguisher Training) 5,529

Senior Safety 950

Special Events 11,153

Car seats installed / inspected 2,987

Smoke Alarms distributed / installed 336

Total citizens / Students educated 65,600

*--Includes all Cobb County Schools, Marietta City Schools, private schools, and home schools.

RETIREES

Name	Rank	Hire/End Date	Years of Service	Station/Shift
Dan Helton	Engineer	06/25/86 ~ 2/17/16	29 years. 8 months	6/C
Eddie Rickman	Lieutenant	10/15/90 ~ 1/29/16	25 yrs. 3 months	7/A
April Alexander	Administration	06/27/88 ~ 03/01/16	27 years. 8 months	HQ
Stu Shannhouse	Fire/Finance	08/29/00 ~ 01/29/16	15 years. 4 months	HQ
Jody Reece	Lieutenant	03/26/88 ~ 03/26/16	28 years.	27/C
Mike Ellington	Deputy Chief	09/8/86 ~ 04/29/16	29 years. 6 months	HQ
Leon Luster	Firefighter	01/9/89 ~ 04/1/16	27 years. & 2 months	21/B
Cathy Brandt	Captain	03/5/90 ~ 03/29/16	26 years. & 2 months	21/C
Al Prater	Engineer	10/15/90~ 09/15/16	25 years.~11 months	23/C
Tate Young	Lieutenant	9/30/86 ~ 9/30/16	30 years.	28/A
Tim Blount	BC Tech III	03/15/88 ~ 12/30/16	29 years.	22/A
Mike Harrelson	Lieutenant	05/20/91 ~ 12/29/16	25 years 7 months	4/C
Philip Rogers	Lieutenant	12/6/91 ~ 12/6/16	25 years 5 months	27/A
David Echols	Vehicle. Maintenance	10/14/97~12/3/16	19 years 2 months	Vehicle. Maintenance
Chuck Baird	Captain	12/09/89 ~ 12/31/16	27 years 11 months	1/C
Joe Davidson	Fire Inspector II	12/31/90 ~ 12/31/16	26 years 6 months	HQ
James Duncan	Lieutenant	12/31/89 ~ 12/31/16	26 years 8 months	23/C

IN MEMORY

Engineer	Jimmy Marcus	03-06-2016
Chief	David Hilton	04-10-2016
Engineer	Guy “Cotton” Turner	04-12-2016
Engineer	Walt Shuler	05-26-2016
Engineer	Ed Pittman	05-27-2016
Lieutenant	Richard “Hook” Gresham	11-11-2016
Engineer	Jerry Cochran	11-15-2016
Lieutenant	Jerry Stuckey	12-24-2016



Cobb County...Expect the Best!

This is an official publication of the
Cobb County Board of Commissioners.

Tim Lee, *Chairman*

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David Hankerson, *County Manager*