

South Euclid Fire Department



2017 Annual Report

South Euclid Fire Department- 2017 Annual Report

CITY OF SOUTH EUCLID



DIVISION OF FIRE
Douglas A. Stefko
Chief

1349 South Green Road
South Euclid, Ohio 44121
Phone: (216) 691-4270

TO: The Honorable Georgine Welo, Mayor City of South Euclid
Council President Fiorelli and Members of City Council

RE: 2017 Annual Report

Mayor and City Council,

The South Euclid Fire Department is proud to present the 2017 Annual Report. The Fire Department responded to a record 3,785 requests for service which was a 4.3% increase from the previous year. Requests for Emergency Medical Services rendered 2,692 EMS responses which represented 71% of the total call volume. 1,819 patients were transported to our eight local Emergency Departments which represents a 14.8% increase in transports. Fires and other non-EMS related alarms accounted for 29% of the total run volume with 1,093 responses, a decrease of 7.2% from 2016. Property loss due to fire was \$779,500. This represents a 29.2% increase from the previous year.

Fire Department staffing remained at full strength with 33 personnel for the majority of 2017, with one retirement in October. The retired firefighter was replaced with a new hire on January 15th, 2018. Two of our personnel continued to be funded by the SAFER grant that the Department was awarded in November 2015. The grant was set to expire in November 2017. However, a successful grant extension application will continue to fund these positions until September 2018. From inception through the end of 2017 the City has been reimbursed \$354,483 from FEMA.

Two major regionalization efforts were realized this past year. In February, the Heights Area Special Rescue Team (HASRT), of which South Euclid has been a participant since it was started in 1995 merged with the Hillcrest Technical Rescue Team (HTRT) to form the new Heights/Hillcrest Technical Rescue Team (HHTRT), or by its informal name, "East Tech". This new team is comprised of personnel from 14 east side Fire Departments who are trained in multiple disciplines to mitigate "out of the ordinary" emergencies, a service that is too cost prohibitive for each community to fund on its own. This merger is covered in more detail on page 24. In October, the South Euclid Dispatch Center was closed and our Safety Forces migrated to the new Heights/Hillcrest Communications Center located in the Metro Health facility at Severence Circle in Cleveland Heights. This state of the art communications center will provide dispatching service to multiple communities for many years to come. More on this can be found on page 8.

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In a collaborative effort with our EMS billing company, a debt collections program was initiated with the Ohio Attorney General in an attempt to collect delinquent accounts that were generated from EMS transports. This program began in November and is covered in more detail on page 52.

The South Euclid Fire Department remains committed to providing the best possible Emergency Services to our residents and neighboring communities. We will continue to seek out opportunities to work with others to improve services while being cost effective. We will also remain diligent in our efforts to find outside revenue sources through grants and shared services.

Thank you to the Mayor and Council for your continued support and commitment to maintaining a highly respected and hard-working Fire Department.

Douglas A. Stefko

Fire Chief

South Euclid Fire Department

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Classification & Assignment of Fire Department Personnel

Administrative Officers

Chief Douglas Stefko OFE, Paramedic, CFSI, FI

Assistant Chief David Csire Paramedic CFSI, FI

Fire Prevention Bureau

Inspector Scott Sebastian Paramedic, CFSI, FIU, BS, BLS

Fire Suppression- Emergency Medical Personnel

| | | |
|----------------------|-----------|-------------------------------|
| Captain Ted Shoop | Paramedic | OFE, OFO, CFSI, FI |
| Captain Paul Tepley | Paramedic | CFSI, FI, HHTRT, B.S. |
| Captain Larry Gaspar | Paramedic | OFE, CFSI, FI |
| Lt. Pat Arth | Paramedic | CFSI, FI, A.A.S, BLS |
| Lt. Greg Duy | Paramedic | CFSI, FI, A.D.N |
| Lt. Geffry Turchon | Paramedic | CFSI, FI, FIU |
| Lt. Alex Picone | Paramedic | CFSI, FI, A.A.B |
| FF Joe Pavlisko | Paramedic | CFSI, B.A. (retired 10/06/17) |
| FF Dan Drees | Basic-EMT | |
| FF Joe Zuccaro | Paramedic | CFSI, FI |
| FF Scott Wilms | Paramedic | CFSI, HHTRT |
| FF Aaron Lowe | Basic-EMT | |
| FF Ben Ovelgonne | Paramedic | CFSI, FIU, BLS |
| FF Chris Erskine | Paramedic | |
| FF Matt Ziemba | Paramedic | CFSI |
| FF Pedro Garcia | Paramedic | CFSI, FI, EMSI, HHTRT, B.S. |
| FF Sean Patitucci | Paramedic | CFSI, |
| FF James Moroney | Paramedic | CFSI, FI, B.S. |
| FF Tom Henry | Paramedic | |
| FF John Scudellari | Paramedic | FI, A.A.S |
| FF Eric Thompson | Paramedic | HHTRT |
| FF Chris Saplak | Paramedic | |
| FF Dan Kolodka | Paramedic | A.A.S |
| FF Tom Canitia | Paramedic | FI, HHTRT, B.A. |
| FF Marvin Willock | Paramedic | |
| FF Nick Sweetnich | Paramedic | |
| FF Matt Simon | Paramedic | |
| FF David Spraggins | Paramedic | |
| FF Jacob McKenrick | Paramedic | |
| FF Jonathan Tedeschi | Paramedic | A.A.S |

| |
|---|
| <p>FIU- Fire Investigation Unit CFSI- Fire Safety Inspector FI- Fire Instructor EMSI- EMS Instructor HHTRT- Special Rescue Team OFE- Ohio Fire Executive OFO- Ohio Fire Officer Credential B.S. - Bachelor of Science B.L.A. - Bachelor of Liberal Arts A.A.B. - Associate of Applied Business B.A. - Bachelor of Arts A.A.S. - Associate of Applied Science A.D.N- Associate of Nursing BLS- CPR Instructor</p> |
|---|

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SEFD Employment Longevity per Personnel

| PERSONNEL | RANK | START DATE | DURATION |
|--------------------------------------|--|-------------------|---------------------|
| <i>Pavlisko, Joseph</i> | FFP Retired 10-6-2017 | 11/05/1984 | 32 Years, 11 Months |
| <i>Stefko, Douglas A</i> | Chief | 10/30/1989 | 28 Years, 3 Months |
| <i>Csire, David</i> | AC | 12/23/1991 | 26 Years, 1 Months |
| <i>Drees, Daniel</i> | FF | 12/23/1991 | 26 Years, 1 Months |
| <i>Zuccaro, Joseph S</i> | FFP | 05/26/1992 | 25 Years, 8 Months |
| <i>Shoop, Tedman</i> | Capt. | 07/27/1992 | 25 Years, 6 Months |
| <i>Wilms, Scott W</i> | FFP | 09/12/1994 | 23 Years, 4 Months |
| <i>Gaspar, Larry L</i> | Capt. | 09/12/1994 | 23 Years, 4 Months |
| <i>Lowe, Aaron</i> | FFE | 04/11/1995 | 22 Years, 9 Months |
| <i>Picone, Alexander</i> | LT | 10/14/1996 | 21 Years, 3 Months |
| <i>Turchon, Geffry</i> | LT | 03/22/1999 | 18 Years, 10 Months |
| <i>Ovelgonne, Benjamin</i> | FFP | 05/17/1999 | 18 Years, 8 Months |
| <i>Erskine, Christopher</i> | FFP | 07/06/1999 | 18 Years, 6 Months |
| <i>Ziemba, Matthew</i> | FFP | 09/24/2001 | 16 Years, 4 Months |
| <i>Garcia, Pedro</i> | FFP | 11/26/2001 | 16 Years, 2 Months |
| <i>Patitucci, Sean</i> | FFP | 12/17/2001 | 16 Years, 1 Month |
| <i>Tepley, Paul A</i> | Capt. | 07/19/2004 | 13 Years, 6 Months |
| <i>Moroney, James A</i> | FFP | 05/16/2005 | 12 Years, 8 Months |
| <i>Henry, Thomas</i> | FFP | 09/26/2005 | 12 Years, 4 Months |
| <i>Duy, Greg J</i> | LT | 10/23/2006 | 11 Years, 3 Months |
| <i>Arth, Patrick</i> | LT | 02/12/2007 | 10 Years, 11 Months |
| <i>Scudellari, John</i> | FFP | 02/19/2007 | 10 Years, 11 Months |
| <i>Sebastian, Scott</i> | Insp. | 03/05/2007 | 10 Years, 10 Months |
| <i>Thompson, Eric</i> | FFP | 01/28/2008 | 10 Years, 0 Months |
| <i>Saplak, Chris</i> | FFP | 05/01/2011 | 6 Years, 8 Months |
| <i>Kolodka, Daniel</i> | FFP | 07/05/2011 | 6 Years, 6 Months |
| <i>Canitia, Thomas</i> | FFP | 07/05/2011 | 6 Years, 6 Months |
| <i>Willock, Marvin</i> | FFP | 07/23/2012 | 5 Years, 6 Months |
| <i>Sweetnich, Nicholas</i> | FFP | 08/20/2012 | 5 Years, 5 Months |
| <i>Simon, Matthew</i> | FFP | 08/11/2014 | 3 Years, 5 Months |
| <i>Spraggins, David</i> | FFP | 03/23/2015 | 2 Years, 10 Months |
| <i>McKenrick, Jacob</i> | FFP | 11/02/2015 | 2 Years, 2 Months |
| <i>Tedeschi, Jonathan</i> | FFP | 11/02/2015 | 2 Years, 2 Months |
| | | | |
| AVERAGE EMPLOYMENT LONGEVITY: | | | 14.9 Years |

Promotions, Retirements and Appointments

Promotions

None

Retirements

Joe Pavlisko

Retired 10-6-2017

Appointments

None



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2017 Firefighter of the Year

Ben Ovelgonne – FF/EMT-P



Firefighter Ben Ovelgonne was appointed to the South Euclid Fire Department on May 17, 1999 and is in his 18th year of service. Ben is a State certified Paramedic and also serves the residents as a State Certified Fire Inspector and Fire Investigator. Ben also has obtained his Fire Officer I and II certifications along with a certification in Blue Card Incident Command. Ben is often assigned as one of the fire departments Acting Lieutenants.

This year Ben became a certified CPR Instructor and is now one of our CPR instructors for the department and for the residents who want to obtain their CPR Certification. Ben is currently in his final year at Waldorf University to obtain a Bachelor's Degree in Fire Science.

Ben was nominated by his peers and chosen by the awards committee as the 2017 SEFD Firefighter of the Year. Ben can often be found taking on special projects around the station and helping out at numerous public relation events throughout the year along with mentoring new firefighters. Ben is currently one of the shift cooks and serves as the treasurer of IAFF local 1065.

Ben has three children, sons Alex and Nicholas and daughter Emma. Ben is engaged to Mindy Meyer and will be getting married in 2018.

The members of the South Euclid Fire Department congratulate Ben and thank him for his dedication and service and being named the 2017 Firefighter of the Year.

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Fire Department Operations - Captain Ted Shoop OFE, OFO

The South Euclid Fire Department responded to 3783 calls for service in 2017. The unpredictable nature of the fire service requires that we respond to each call keeping in mind the worst possible scenario. Currently, the SEFD has a minimum staffing level of seven firefighters, 24 hours a day, seven days a week, 365 days a year. Each member on duty is assigned to a certain vehicle(s) and each assignment has certain responsibilities. The purpose of a minimum staffing level is to provide for the maximum safety of the firefighters and the safety of the citizens we are sworn to protect.

On October 17, 2017, representatives from South Euclid, Cleveland Heights, University Heights, Shaker Heights and Richmond Heights cut the ribbon on a new police/fire regional dispatch center. The Heights Hillcrest Communications Center (HHCC) is located inside the Metro-Health Cleveland Heights Medical Offices at 10 Severance Circle in Cleveland Heights. On November 1, 2017, The HHCC officially went “on-line” and all calls for service that had been answered by South Euclid Emergency Dispatchers are now handled by the new dispatch center. The primary goal of the HHCC is to provide superior emergency dispatch services to the participating community’s at the most cost effective and efficient level possible.



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Fire Department Operations - Captain Ted Shoop OFE, OFO

The joining, or “regionalizing” of dispatching services is anticipated to provide our residents with a quicker and more consistent response to the emergency’s we respond to. In the past, South Euclid fire department personnel had to request mutual aid as needed. The HHCC is designed to eliminate varying and inconsistent requests for assistance by the municipalities involved. Other benefits of the HHCC include gaining state-of-the-art technology that individual city’s would be hard pressed to afford on their own, gaining additional dispatch staffing during peak hours and during major incidents and providing more efficient dispatch collaborations for police, fire and EMS.

Prior to the HHCC’s creation, a call to The South Euclid Fire Department for a confirmed structure fire would have an initial immediate response as follows:

| | |
|-------------------------|----------------|
| South Euclid Engine 311 | 4 firefighters |
| South Euclid Ladder 321 | 2 firefighters |
| South Euclid Squad 341 | 1 firefighter |

The Officer-in-charge would have to request MABAS (mutual aid box alarm system) 311 which would provide mutual aid from University Heights, Cleveland Heights, Lyndhurst and Beachwood. South Euclid dispatchers would have to contact via telephone these departments for assistance. This was both time consuming and inconsistent. With the creation of The HHCC, all the aforementioned cities would be contacted at the same time by the same dispatchers. An initial dispatching of seven firefighters to a confirmed structure fire is now increased to twenty firefighters. If for any reason one or more requested units are unavailable, there are procedures in place to quickly and methodically provide the needed assistance.

The immediate response for a confirmed structure fire now will be:

| | |
|--------------------------------|----------------|
| South Euclid Engine 311 | 4 firefighters |
| South Euclid Ladder 321 | 2 firefighters |
| South Euclid Squad 341 | 1 firefighter |
| University Heights Engine 1112 | 3 firefighters |
| Cleveland Heights Ladder 221 | 3 firefighters |
| Lyndhurst Ladder 421 | 4 firefighters |
| Beachwood Squad 1049 | 3 firefighters |
| Cleveland Heights Car 253 | 1 firefighter |

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Fire Department Operations - Captain Ted Shoop OFE, OFO

An additional enhancement for 2017 in the operations of fire department response procedures is the implementation of iPads in all front line fire department vehicles. Installed on the iPads is “Active911” software. This software provides first responders with instant call information including type of call, units required and detailed mapping of addresses and fire hydrants. In addition to the software installed on iPads, “Active911” is also installed on most fire department personnel’s personal cell phones. The iPads also have the capacity to contain all fire department pre-plans of commercial structures in the City as well as hazardous material information.



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Fire and EMS Apparatus- Captain Larry Gaspar



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Engine #312

Engine 312 was delivered to the City in March of 2008. This apparatus is a 1500 gallon per minute pumper manufactured by Pierce Fire Equipment in Appleton Wisconsin. As the front line Engine, 312 handles the bulk of the fire ground pumping operations and first responds to third rescue calls when squads 341 and 342 are on previous emergency assignments. Engine 312 is third in total number of emergency responses behind rescue squad 341 and EMS chase car 353. Pierce Fire Equipment is owned by Oshkosh Trucks which produces heavy equipment for the military, FBI and CIA. An innovative suspension system used for years on some military equipment is also used on this apparatus which this gives the driver better control, a smoother ride, and a safer response to emergencies. This truck also has rollover protection with air bags, seatbelt tensioners, and an instantaneous seat lowering mechanism system to protect our firefighters from injury should the Engine be involved in an accident. Engine 312 has onboard computer diagnostics, electronic fire pump control, a class A foam system, and a generator that runs off the transmission instead of requiring a separate fuel source. The class A foam system is used for structural firefighting. The on board foam system also has the ability to draft class B foam, which is used on hydrocarbon (fuel) fires. Use of Class A foam and the properties that it carries during structural firefighting allows water to readily soak into materials, thereby extinguishing them more rapidly. Use of Class A foam reduces both fire damage and the amount of "overhaul" done by firefighters, which is the physical labor of searching for hidden fire. These are a few of the highlights of Engine 312 that allows the members fire department to do their job efficiently and safely.

Some of the firefighting tasks that this unit and the firefighters assigned to it handle include; initial fire attack through the deployment of hand lines, use of the jaws of life to free trapped occupants at severe motor vehicle accidents, stabilizing hazardous incidents, chimney fire extinguishment, carbon monoxide and dangerous gas detection, and relay pumping at mutual aid fires. This unit has three 1000 watt lights for working at night and a thermal imaging handheld camera used to find trapped victims and hidden fire.

Engine 312 will move to a reserve status in 2018 with the arrival of new engine 311.

Miles 47,044 Hours 5,727
2017 Total Responses 1,131
2017 Maintenance costs \$9,574.30



This apparatus is in good condition.

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Engine #311

Engine 311 is a 1500 gallon per minute pumper manufactured by the Ferrara Fire Apparatus Company in Holden, Louisiana. 311 arrived in February 1999 and served as our front line pumper until 2008. Currently 311 is our reserve pumper and are used whenever 312 or 321 are out of service for maintenance. In 2012 this apparatus had extensive work completed on the pump so that it could meet ISO flow testing requirements. This unit is in poor condition after many years of hard service. This engine is beginning to show its age. Normal service life for an Engine in the South Euclid Fire Department is 20 years. During this service life the Engine is usually refurbished at 10 years to extend the operational period of the apparatus. This apparatus was originally scheduled for refurbishment in 2010 but did not have the work performed on it. 311 will be taken out of service in 2018 with the arrival of the new engine. When ladder 321 is out of service and engine 311 is put into service in its place, the firefighters assigned to this apparatus will handle ladder truck work, or when Engine 312 is out of service, it will handle initial fire attack work as the front line engine.

Miles 44,517 Hours 6,651
2017 Total Responses 187
2017 Maintenance costs \$225.00



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Aerial #321

Ladder truck 321 was placed into service in January 2012. This truck was manufactured by E-One Fire Apparatus located in Ocala, Florida. The truck sits on a Typhoon chassis, powered by an ISL 450 horsepower Cummins engine and an Allison 3000 transmission. The ladder on the truck reaches 78 feet at its highest point and is a real asset when responding to residential and commercial structures. One of the features of the new truck is that it complies with the new emission control standards set by the EPA. The use of diesel fuel releases nitrous oxides and sulfur dioxides in the exhaust that are harmful to the atmosphere. The way that the exhaust system works is that it turns the harmful byproducts into nitrogen gas and water vapor by superheating the exhaust in a catalyst chamber. The end result is near zero harmful emissions.

Some of the firefighting tasks that this unit and the firefighters assigned to it handle include, ventilation of smoke, forcible entry, search and rescue using it's on board thermal imaging camera, laddering buildings, overhaul by searching for hidden fire, and assisting in a rope rescue. Ladder 321 will handle additional emergency calls when 312 are on previous emergency assignments.

This truck is in good condition.

Miles 14,951 Hours 2,093

2017 Total Responses 406

2017 Maintenance costs \$1,562.12



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Rescue Squad #341

Rescue Squad 341 is the newest ambulance in the fleet. The City of South Euclid took delivery of this apparatus in October of 2016. The ambulance was manufactured by Braun Custom Ambulances located in Van Wert Ohio, and is a Chief XL Type III model. The chassis is a Ford E450. The standing headroom in the patient compartment is at a height of 72" which makes it easier for the paramedics to move around when providing lifesaving care. EMS personnel also have the use of a lot of storage space for storing equipment both outside and inside the vehicle. One of the nice features on this new unit is the EZ Glide side door which slides down the side of the ambulance body out of the way when opened. This is different from a conventional door that opens outward on hinges. The EZ Glide door makes it safer for paramedics when they are entering and exiting the vehicle while parked on the street and in traffic. Also featured in this new ambulance is all LED lighting in both the patient compartment and as emergency lighting used when responding to emergencies.

The Paramedics assigned to this unit are able to efficiently use the lifesaving equipment to treat victims of heart attacks, illness, minor and severe injuries, and child birth. The South Euclid rescue squads are advanced lifesaving units (ALS) and are virtually an emergency room on wheels. The state of the art medical equipment on the rescue squads allow the paramedics to diagnose and treat many medical conditions including cardiac issues and strokes. Patient information is able to be sent both electronically, and by direct contact with the receiving hospital prior to arriving.

This unit is in good condition

Miles 23,953 Hours 1900

2017 Total Responses 2611

2017 Maintenance costs \$333.55



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Rescue Squad #342

The City of South Euclid took delivery of Rescue Squad 342 in November of 2012. The ambulance was manufactured by Horton Emergency Vehicles located in Grove City Ohio. The patient compartment of the vehicle is made by Horton and it sits on a Chevrolet 4500 chassis. The vehicle complies with the 2010 emissions standards producing very little pollutants into the atmosphere. This paramedic equipped unit is 5 years old. Due to the high percentage of EMS calls, this unit responded on average to more than one emergency call per day during 2017. This unit responds second due behind rescue squad 341. The Paramedics assigned to this unit are able to efficiently use the lifesaving equipment to treat victims of heart attacks, illness, minor and severe injuries, and child birth. This vehicle as well as 341 are advanced lifesaving units (ALS) and are virtually an emergency room on wheels. Both have state of the art medical equipment on them that allow the paramedics to diagnose and treat many medical conditions including strokes, diabetes, high blood pressure, and irregular heart rhythms. Patient information is sent both electronically, and direct contact is made with the receiving hospital prior to arriving.

This unit is in good condition

Miles 77,156 Hours 5,459

2017 Total Responses 375

2017 Maintenance costs \$2,023.61



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Rescue Squad #343

Rescue Squad 343 is an ambulance purchased in November 2006. Since receiving 341 in 2016, this apparatus has been placed in reserve status, and is put into service when either 341 or 342 are sent out for service. 343 received a new engine in 2011 due to a mechanical problem. This vehicle has a Braun ambulance patient compartment and is mounted on a Ford E-450 chassis. This unit received extensive repairs during 2015 in order to keep it road worthy. This unit is 11 years old and is currently in Fair condition. 343 is also an advanced lifesaving (ALS) unit when placed into service.

This unit is in fair condition

Miles 101,841 Hours 9777

2017 Total Responses 27

2017 Maintenance costs \$0



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EMS Chase Car 353
Miles 24,413
2017 Total Responses 2,276



New 371 2017 Ford F250 Pickup Truck
Delivered in late December

EMS Chase Car 353

Car 353 is a 2014 Ford Explorer and is used to assist both the front line and back up rescue squads during EMS calls. This vehicle is in good condition.

Utility Pick-up 371

Miles 27,534

371 is a Ford-150 pickup truck used for snow plowing, hydrant testing, details, etc. The City received this vehicle in July 2002. This vehicle is 16 years old and is in fair condition. This vehicle was replaced in December of 2017 and was given to the South Euclid Service Department for further use.

Staff Car 351

Miles 41,948

Car 351 is the Fire Chief's vehicle. Purchased in 2015, this Ford Explorer is in good condition.

Staff Car 352

Miles 170,924

Car 352 is the Assistant Fire Chief's vehicle. Purchased in 2008, this Ford Explorer is in fair condition.

Staff Car 355

Miles 170,816

Car 355 is the vehicle used by Fire Prevention. Purchased in 2006, this Ford Explorer in poor condition.

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Fire Department Training 2017 - Captain Paul Tepley

2017 Training Hours

| | |
|--|--------|
| Total number of training hours..... | 6, 861 |
| Total number outside education hours..... | 2, 420 |
| EMS training hours..... | 1, 443 |
| Fire training hours..... | 4, 507 |
| Inspector training hours..... | 327 |
| Instructor Training hours..... | 98 |
| Investigator training hours..... | 24 |
| HHTRT training hours..... | 593 |
| Inspections and Preplanning total hours..... | 120 |
| Conducting tours of area buildings..... | 293 |
| Inventories..... | 20 |
| Recruit training hours..... | 63 |

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2017 Outside Education

Asst. Chief Dave Csire

FDIC Art of Go or No Go
Avoiding EMS Lawsuits
This House rocks- Firehouse excellence
NASA Glenn Security Day
NEOFPA Station Night Club
NEOFPA Bleacher Inspections
NEOFPA Spray Booths
NEOFPA Code Enforcement

Captain Tedman Shoop

ICS- NIMS 400
Ohio Fire Officer Credentialing- Ohio Fire Chiefs' Association

Captain Paul Tepley

Paratech University
Six Company Drills You Can Take Home and Use Tomorrow
Instructing on the Drill Ground: Getting Your Assignments Right
The Impact of Fire Attack Using Interior and Exterior Streams
The Fire Officers Reality
Implementing and Teaching Fire Dynamics Training Program
Zero to Hero: Leadership Habits Outside the Emergency
Normalization of Deviance: How to Overcome Complacency
Troubleshooting Wye Operations
Managerial Statistics
Open Water Diver
Dry Suit Diver

Lieutenant Patrick Arth

BLS Instructor Course
ERS Regional Training Academy
The Small Fire Dept. Commanders Guide to the Fire Ground

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Lieutenant Greg Duy

NFPA 1403 – Live Fire Certification
ERS Regional Training Academy
History of Nursing
Professional Nursing
Occupational Health and Safety
Catholic Social Teaching

Lieutenant Geffry Turchon

Art of Go or No Go
Strategic and Tactical Principles for Aerial Ops
Attic and Void Space Fires, Tactics Methods and Tools
First Alarm Assignments in Small Departments
This House Rocks- Firehouse Excellence
Photography and Electrical Files
Arson Case Studies and Interviewing

Fire Inspector Scott Sebastian

Inspection Testing and Maintenance of Fire Protection Systems
Golden Hour of Technology: Fire Alarm
NFPA 72: Testing and Inspecting Requirements
Food Trucks
Emergency Responder Radio Coverage
Fire Pumps 100: Test Electric Fire Pumps, Arc Flash Hazards
Fire Door and Opening Protective Inspections and Field Labeling
Understanding the UL Protective Inspections and Certifications
Fire Risk Assessment: College Campus Based Properties
Mobile Food Vending/ Amusement Fire Codes
BLS Instructor Course
Ohio Firework Safety Seminar
Kitchen Fire Suppression Systems
Simplex Grinnell: Life Safety Seminar
What the Curbside Tech Needs to Know
Leadership on Fire
ERS Regional Training Academy
Inspections of Marijuana Related Occupancies
The Investigative Considerations for Marijuana Operations
Three Day: ERS Regional Training Academy
48 Hour EMT-P Refresher Course
NEOFPA Two-Day Fire Investigation (FIU) Conference
Child Passenger Safety Technician (CPST) Conference

Firefighter Joseph Zuccaro

Cardiac/ACLS Lecture
Child Passenger Safety Technician (CPST) Conference

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Firefighter Scott Wilms

American Fire Command

Firefighter Benjamin Ovelgonne

BLS Instructor Course

How to be Successful in and Assessment Center

The Evolving Fireground: Evidence Based Tactics

Presentation is everything: Mastering Tools of the Trade

Going the Distance: On Your Road to Leadership

The First Five Minutes

Initial Arriving Units and First Alarm Assignments

Fight the Fire, Not the Building

Critical Thinking Hum 1020

Warrior Seminar Hum 1000

Fire Prevention Organization and Management

Personnel Management for the Fire and Emergency Service

English Comp II

Philosophies of World Religions

Fire Instructor

Live Burn Training

Firefighter Pedro Garcia

First Responder Technologies and Protocols

Decision Making for Initial Company Operations

Leadership on Fire

American Fire Command

STEMI Summit 2017

The Smallest Dept. Commanders Guide to the Fire Ground

Firefighter Safety: Mistakes and Best Practices

Training for Failure

Firefighter Jamie Moroney

Community Risk Reduction for the Fire Emergency Service

Advanced Principles of Fireground Strategies and Tactics

Terrorism Incident Management and Emergency Procedures

Personnel Management for the Fire and Emergency Services

Life, Meaning and Vocation

Applications of Fire Research

Political and Legal Foundations of Fire Protection

Fire and Emergency Services Administration

Human Resources Management

Fire Prevention Organization and Management

Business Leadership

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Firefighter John Scudellari

Blue Card - 48 Hours

Firefighter Eric Thompson

Swift Water Rescue- Technician Level

Swift Water Rescue - Operations Level

Emergency Services Budgeting & Finance

FRS Fire Related Human Behavior

Structural Collapse Technician Course

Firefighter Tom Canitia

Paratech University

Open Water Diver

Dry Suit Diver

Rescue Diver

Firefighter Jacob McKenrick

Cleveland Clinic Cadaver Lab

Live Burn Training

Child Passenger Safety Technician (CPST) Conference

Firefighter Jonathan Tedeschi

Cleveland Clinic Cadaver Lab

Live Burn Training

Heights Hillcrest Technical Rescue Team

Overview

The South Euclid Fire Department is one of 14 area fire departments that comprise the Heights Hillcrest Technical Rescue Team (HHTRT). This team was the result of a merger between two smaller teams, the Heights Area Special Rescue Team (HASRT) and the Hillcrest Technical Rescue Team (HTRT). The merger of the two teams was completed in early 2017 and increases the capability of getting personnel on the scene of a technical rescue in a timely manner. Because of a mutual aid agreement with Chagrin Southeast Haz-Mat team where the HHTRT provides technical rescue for the communities served by them and Chagrin Southeast provides Haz-Mat for our 14 communities the team actually serves 30 communities. The HHTRT covers the largest are of the technical rescue teams in Cuyahoga County serving communities in Cuyahoga, Lake, and Geauga counties.

The departments that make up the HHTRT are:

| | |
|--------------------|------------------|
| Beachwood | Bedford |
| Cleveland Heights | Euclid |
| Highland Heights | Lyndhurst |
| Mayfield Heights | Mayfield Village |
| Pepper Pike | Richmond Heights |
| Shaker Heights | South Euclid |
| University Heights | Willoughby Hills |

Currently, there are 80 total members on the team with South Euclid providing six. The members that comprise the HHTRT team are a group of highly motivated, action-oriented fire fighters who have all volunteered to be on the team. All HHTRT team members are fire fighters that have taken additional specialized rescue training in the areas listed below and train throughout the year to make sure their skills are current and meet the established national standards.

Because fire departments are historically the “ones to call when you don’t know who else to call,” HHTRT was established so that our fire departments could be better prepared to handle the out-of-the-ordinary rescue situations. The following list of disciplines represents these out of the ordinary situations that the team has been trained in but are not limited to,

- Confined Space Entry and Rescue
- Ice Rescue
- Mud Rescue
- Rope Rescue, including Slope and High Angle
- Tower Rescue
- Trench Rescue
- Structural Collapse Rescue
- Wind Turbine Rescue

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Administration

HHTRT is overseen by the Chiefs of the fourteen member fire departments and it is their guidance and direction that keep the team well-trained and well-prepared and as a group they determine the annual budget for the team. The day-to-day operations of the entire HHTRT team are overseen by the Co-Commanders as selected by the Fire Chiefs. Each member city also has a team leader who is responsible for organizing HHTRT activities in their respective city. Captain Paul Tepley is the South Euclid Team Leader. Team leaders attended approximately 4 hours of meetings during the year.

HHTRT & FEMA

Ohio has its own FEMA task force, based in Dayton, which is commissioned to respond to disasters such as 9/11 and Hurricane Katrina. To complement the efforts of this task force, the state is also sub-divided into 9 regions, each with a Regional Strike Team. Several members of the entire HHTRT team are also part of the Ohio Region 2 (Northeast Ohio) Strike Team, specializing in structural collapse rescue. Region 2 encompasses 5 counties, Ashtabula, Lake, Geauga, Cuyahoga, and Lorain. Captain Paul Tepley and FF Tom Canitia are the South Euclid team members on the Region 2 strike team.

Training

HHTRT continued to conduct its monthly trainings, each focusing on one of the different rescue disciplines. These trainings are beneficial because the members of different departments get to work together and become familiar with each other and each other's equipment during a non-stressful environment so that when called into action on an emergent callout things have a greater chance of running seamlessly.

The South Euclid team members completed 593 total hours of special rescue training. By discipline, those hours break down as mentioned below.

| Discipline | Hours |
|---------------------------------|--------------|
| Rope Rescue | 103 hours |
| Trench Rescue | 30 hours |
| Confined Space Entry and Rescue | 66 hours |
| Structural Collapse Rescue | 180 hours |
| Dive/Ice/Swift water | 228 Hours |

Personnel

Asst. Chief/ EMT-P Dave Csire
Captain / EMT-P Paul Tepley
Fire Fighter / EMT-P Scott Wilms
Fire Fighter / EMT-P Pedro Garcia
Fire Fighter/ EMT-P Eric Thompson
Fire Fighter/ EMT-P Tom Canitia

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2017 HHTRT Responses

17-001

Type of Incident: Structural Collapse
Location: 740 Beta, Mayfield Village
Requesting Agency: Mayfield Village FD

17-002

Type of Incident: Swift Water Rescue
Location: Willis Park, Bedford
Requesting Agency: Bedford FD

17-003

Type of Incident: Special Extrications (Obese Resident Removal)
Location: 12320 Havana, Garfield Heights
Requesting Agency: Garfield Heights FD

17-004

Type of Incident: Structural Collapse
Location: 25224 Pleasant Trail, Richmond Heights
Requesting Agency: Richmond Heights FD

South Euclid Fire Investigation Unit

Scott Sebastian, Fire Investigator

Fire is something that is inevitable. At some point in every person's life; they will be affected by fire. Fire can affect you by just being a simple burn on your skin; or it could be the complete loss of your home. Fire occurs either by accident or it can be intentionally set, making it an arson fire.

The majority of our fires in South Euclid are accidental. There can be many ways an accidental fire could occur; this could be by careless smoking, overloading electrical circuits, unattended candles that are left burning, or by unattended cooking. They can also be set by someone's own hands, which is an intentionally set fire. At that point it must be determined whether it was purposefully set or accidentally set.

Per State law, all fires in South Euclid are investigated to determine the fire origin and cause. The shift officers will usually determine where and how the fire originated. Should this prove to be more difficult for them to figure out, if the fire is of a suspicious nature, if there is loss of life, if a large dollar loss has occurred, or the Fire Chief gives directive, the South Euclid Fire Investigation Unit (FIU) is called upon to conduct a fire origin and cause investigation?

In 2017, the South Euclid Fire Investigation Unit consisted of Fire Inspector Scott Sebastian, Lieutenant Geff Turchon, Firefighter Ben Ovelgonne, and South Euclid Police Detective Lieutenant Ben Parisi. The members of this unit have attended state training along with on-line FIU courses. New skills and knowledge are acquired by attending training classes throughout the year.

The concept of firefighters and police officers working together has proven to be a very effective approach to fire investigations in South Euclid. This team effort works well because of the cross training all members receive.

The South Euclid FIU Team is also a member of the Hillcrest Regional Fire Investigation Unit. This unit consists of fire department members from: Lyndhurst FD, Beachwood FD, Richmond Heights FD, Gates Mills, Mayfield Hts. FD, Mayfield Village FD, Pepper Pike FD, and added Euclid FD in 2017. When one of the member communities has a fire that they need help in investigating; a call is put out through Lyndhurst dispatch center, followed by an all members page to come and assist if available. This is very helpful with any larger fire scene or when we cannot summon enough from our own departments.

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2017 Fire Investigations

In 2017, the South Euclid Fire Investigation Unit was called out to investigate five (5) fires in South Euclid. South Euclid FIU was called four (4) times to assist the Hillcrest Regional Fire Investigation team with large fires in our neighboring communities. South Euclid Fire also called out for assistance of the Hillcrest Regional FIU to assist us with two (2) fire investigations in 2017.

| <u>Date</u> | <u>Alarm</u> | <u>Location</u> | <u>Type and Cause</u> |
|-------------|--------------|-----------------|--------------------------|
| 01/15/2017 | #17- 0157 | 4652 Anderson | Residential: Garage Fire |

Cause Determination: Undetermined



Lead Investigator: Lt. Geff Turchon

| <u>Date</u> | <u>Alarm</u> | <u>Location</u> | <u>Type and Cause</u> |
|-------------|--------------|-----------------|----------------------------|
| 04/13/2017 | #17 – 1054 | 1771 Wrenford | Residential: Basement Fire |

Cause Determination: Unintentional set fire by child



Lead Investigator: Ben Ovelgonne

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| <u>Date</u> | <u>Alarm</u> | <u>Location</u> | <u>Type and Cause</u> |
|-------------|--------------|-------------------|-------------------------------------|
| 06/26/2017 | #17 - 1829 | 4587 East Berwald | Residential: 2nd Floor Bedroom Fire |

Cause Determination: Electrical: overloading electrical panel



Lead Investigator: Scott Sebastian

| <u>Date</u> | <u>Alarm</u> | <u>Location</u> | <u>Type and Cause</u> |
|-------------|--------------|-----------------|---------------------------|
| 09/30/2017 | #17 - 2783 | 4166 Bayard | Residential: Kitchen Fire |

Cause Determination: Electrical



Lead Investigator: Scott Sebastian

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| <u>Date</u> | <u>Alarm</u> | <u>Location</u> | <u>Type and Cause</u> |
|-------------|--------------|-----------------|---------------------------|
| 11/05/2017 | #17 – 3205 | 1412 Plainfield | Residential: Bedroom Fire |

Cause Determination: Undetermined



Lead Investigator: Scott Sebastian

Fire Prevention Bureau

Scott Sebastian, Fire Inspector

In 2017, we continued the trend of commercial growth and experienced another exciting year for the fire prevention bureau. The bureau is always excited to be a part of the planning & construction phases that lead up to the opening of all the great new businesses for South Euclid and our neighboring communities.

This year brought new development to **Oakwood Commons** and at the **Marc's Plaza** on Mayfield Road. Oakwood Commons Shopping Plaza project opened four big box stores: **Burlington Coat Factory**, **TJ Maxx**, Famous **Footwear** and **Payless Shoes**. Also opening at Oakwood Commons were **AT&T**, **UBREAKIFIX**, and **Moe's Southwest Grill**.



The Marc's plaza project included tearing down the old building and building a new 33,000 SQFT Marc's Discount store and four additional 4,000 SQFT shops including **Subway**, **Pet Value**, **Great Clips**, and **Just a Buck**.



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Other new occupants in 2017 for the city are:

Dental Office: Fixler Dental Clinic at 14141 Cedar Road

Fitness: Alcazar Fencing Club at 4431 Mayfield Road

New Restaurants and Bars: Moe's Southwest Grill at 1916 Warrensville Center, Domino's Pizza at 1994 Warrensville Center, Steak & Shake at 1878 Warrensville Center, Engulf Bar and Grill at 4030 Mayfield Road, Tiki Time Bar and Grill at 4285 Mayfield Road.



The mission of the Fire Prevention Bureau is to continually implement the most effective ways to avoid injury and property damage caused by fire.

The South Euclid Fire Prevention Bureau inspects all of the City's commercial buildings and businesses for compliance of National, State and local fire safety regulations. The mission of the Fire Prevention Bureau is to prevent injury and loss of life due to fire. This is accomplished by maintaining a safe working and living environment for all business owners, residents and patrons of South Euclid. Human life and health always takes a top priority in an emergency. Another goal is to prevent property damage due to fire. By preventing a fire or limiting damage caused by a fire it will assure that the work operations will continue without interruption.

By having a staffed Fire Prevention Bureau it helps to lower the City's insurance rating set forth by the Insurance Services Office (ISO).

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2017 Annual Inspection Totals

In 2017, we continue to see the Fire Prevention Bureau's inspection numbers remain consistent but down from last year's record numbers. In 2017, the FPB and our on shift certified life safety inspectors conducted **1,496** fire safety inspections. During those fire safety inspections, **489** safety violations were found, and **509** violations found were corrected after a re-inspection was conducted.

Rochling Glastics Composites, South Euclid/ Lyndhurst Schools, Notre Dame College, Aero Controlex Group, local restaurants, University Suburban Health Center, Borodi Music, and American Commodore continue to maintain a large presence in the Fire Prevention Bureau. The inspections that are conducted consist of: quarterly, semi-annually, and annual fire safety inspections, quarterly fire alarm/sprinkler tests, semi-annual kitchen hood suppression tests, annual fire alarm system tests, annual fire rate drop door tests, and annual sprinkler suppression system tests.

Another section of inspections that are done annually by the Fire Prevention Bureau are Home Day Care inspections for the Department of Human Services, along with Foster Care and adoption inspections. In 2017, 28 foster/adoption homes and **13** residential day cares were inspected.

| 2017 Fire Prevention Inspection Statistics | | | | | |
|--|-------------|--|-----------|-----------|-------------|
| Types of Inspection Totals | FPB | A Shift | B Shift | C Shift | Total |
| Annual Occupancy Inspections | 372 | 48 | 44 | 50 | 514 |
| Follow-up Re - Inspections | 300 | Total Violations Found: 489 | | | 313 |
| New Occupant Inspections | 45 | | | | 37 |
| Life Safety Systems Inspections: Fire Alarm/ Kitchen Hoods/Sprinkler tests | 390 | Total Violations Corrected: 509 | | | 310 |
| Plans and Fire Permit Reviews | 85 | | | | 52 |
| Home Inspection: Foster / Adoption/ Residential Daycare/ Senior | 28 | | | | 41 |
| Quick Inspection or special occupant meeting | 84 | | | | 87 |
| Construction Walk-through | 190 | | | | 95 |
| Total | 1354 | 45 | 42 | 54 | 1496 |

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2017 Public Education and Community Events

An essential section of the fire prevention bureau is providing education to our students and community members in fire safety awareness. Without educational programs in place to teach the residents and business owners/employees fire safety; one tends to get careless about fire safety. Take the curiosity out of fires and teach someone what to do in the event of a fire and your fire losses again go down. Both of these duties are conducted on a daily basis by the FPB and fire department members.

In 2017, the FPB participated in fourteen (14) community events where topics like: Smoke alarms, Carbon Monoxide detectors, fire extinguisher operation, and home escape plans were brought to the attention of our residents.



In 2017, the City of South Euclid celebrated the Centennial mark, which brought the Cleveland Orchestra to our city to ring in the celebration. The main event of the year was the South Euclid City Hall Open House on Saturday, August 5, 2017. This event had participation from all city departments. At this event firefighters gave station tours, showed off all of our fire apparatus, conducted a display of aerial ladder truck operations, and taught volunteer citizens how to properly use a fire extinguisher.

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Highlighted educational demonstrations were:

- ❖ The Aluminum Cans for Burn Children home safety trailer that allowed families to walk through with a firefighter to witness and correct many home safety hazards.
- ❖ A Bullex Fire Extinguisher simulator
- ❖ Hands-only CPR with CPR manikins
- ❖ Meet and Greet with Sparky the Fire Dog
- ❖ Kids friendly firefighter obstacle course

For this event the American Red Cross provided 12 smoke detectors and Wal-Mart provided 6 Carbon Monoxide detectors and 3 kitchen fire extinguishers to distribute to the community. I would like to personally thank Mayor Welo, Fire Chief Doug Stefko, and Assistant Chief David Csire, members of Local 1065, and South Euclid /Lyndhurst Explorer Post for all of their support and look forward to doing it again in 2018.

In 2017 with grant funding from Wal-Mart, we held a Fire Prevention Week student coloring contest; the schools that participated were Adrian Elementary School and Rowland Elementary School. For this contest the top poster winner received a new bike, along with the top 20 entries at each school received a pizza party with on-duty fire crews. This event has been a big hit with the students, teachers and our department since 2013.



Every spring with the assistance of fire department volunteers, South Euclid Fire Explorers and on duty shift members, we provide home fire safety education to all third grade students in the South Euclid – Lyndhurst School District. For this program a 40 minute fire safety presentation is provided by Inspector Scott Sebastian that reviews: home escape plans, smoke alarms, kitchen fires, and electrical hazards.

Then students walk through the Fire Safety Trailer where they find fire hazards and explain how to correct them. This fire safety trailer is provided to us free of charge by the Aluminum Cans for Burn Children (ACBC).

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Associations

In addition to the required fire inspections that the Bureau does, the State of Ohio now requires that all certified fire safety inspectors to have **30** continuing education hours to re-certify every three years. A lot of these hours are obtained through the North Eastern Ohio Fire Prevention Association. The Fire Chief, Assistant Chief and Fire Inspector are all members of this organization. It is the largest organization of its kind in the State of Ohio. It provides its members with the opportunity to discuss issues or problems that members might be having within their own communities.

The North Eastern Ohio Fire Prevention Association holds a monthly business meeting on the first Monday of the month and an annual Fire Prevention conference. In addition to the business meeting, there is also an educational portion that provides members in attendance with certified continuing education hours. The NEOFPA is the first organization in the state to offer this advantage to its members. If you have time, please check out the association's website at www.neofpa.org.

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Programs for South Euclid Seniors

Since 2004, the Fire Prevention Bureau has offered a smoke detector re-placement program through the Cleveland Red Cross's "Operation Save a Life" program. Through this program, the American Red Cross receives grant monies and donations to purchase smoke detectors. Since 2004, the South Euclid Fire Department has given out over 2,313 free smoke detectors as well as passed out 5,342 free replacement batteries.

In 2017, we had a spike in the demand for smoke alarms in our community due to some civilian deaths in Cuyahoga County. We have also hit the 13 year mark of our program and are finding some initially installed smoke alarm hitting their 10 year mark. So, we are replacing them with newer Photoelectric – 10 year Lithium battery models. Without this program through the American Red Cross, we could not afford to provide smoke detectors to the residents of the City. Remember that a working smoke detector is the single most important piece of equipment that one can have in their home that will protect their lives should they have a fire.

In our program there are currently 98 seniors involved. Listed below is the total number of smoke alarms we have installed, along with the total number of batteries we replaced for our residents. Batteries were supplied to the FPB through a grant from Energizer Corporation.

Smoke Detectors installed in the Community

| | <u>2016</u> | <u>2017</u> |
|----------------------------------|-------------|-------------|
| Installed Batteries | 308 | 176 |
| Installed Smoke Detectors | 140 | 231 |

Residential Lock Box Program

Another program we provide to our senior residents is the residential lock box program. For this program we have teamed up with Roper Lock Box Company. South Euclid Seniors purchase the lock box from Roper, and then contact the FPB. The FPB will make an appointment to meet the resident at their home. They will install the roper box and obtain their personal contact information to be entered into the Dispatch CAD system. If the resident activates the 9-1-1 system, our dispatchers will indicate to EMS crews that there is a lock box present and where it is located.



In 2017 we continued to see success by adding 14 new residents entering the program. For these residents the FPB also perform a life safety inspection to eliminate any life safety, fall prevention, or fire hazards that may be found. The FPB also will install or replace any older smoke alarms that maybe found in their home.

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New Community Programs

In 2017, South Euclid Fire Department added three new American Heart Association Basic Life Support Instructors: Lieutenant Patrick Arth, Fire Inspector Scott Sebastian, and Fire Medic Ben Ovelgonne. The goal for these new instructors is to provide quarterly AHA BLS courses for members of the community and hands-only CPR classes as needed.



Hopefully you can see from this report that the FPB is working to fulfill its responsibilities as set forth by the South Euclid Codified Ordinances. You may rest assured that your Fire Prevention Bureau will continue to work to make South Euclid, a fire safe community in which to live.



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Emergency Medical Services- Lt. Greg Duy

In 2017, one of our goals was to update EMS equipment on our ladder truck and engine. EMS responses account for 70 percent of the incident volume which leads to heavy use of our medical supplies. It is important to have up-to-date equipment on our ladder truck and engine since they respond to medical emergencies. These vehicles are equipped to stabilize a patient until one of South Euclid's ambulances becomes available or a neighboring city ambulance arrives. Updated equipment included all-in-one bags as well as a new defibrillator for our engine. A defibrillator delivers a "shock" when indicated to someone in cardiac arrest to increase their chances of regaining a pulse. As a department, our goal is to always have updated working equipment along with training that pertains to current trends in EMS.

South Euclid Firefighters are trained as paramedics and maintain their certification through the Ohio Department of Public safety. Mandatory continued education ensures that the continuity of high quality care is maintained from the moment 911 is called until arrival at a local hospital. South Euclid paramedics are trained on many topics from heart attacks to strokes to allergic reactions.

The paramedics work under the guidance of Medical Director James Sauto M.D. of The Cleveland Clinic, and emergency medical protocols. Advanced care includes:

- Electrocardiogram, often called an EKG. We perform a 12 lead EKG to give a more thorough view of the heart. The paramedics are trained to review the EKG, which will serve as a guide to treatment of the patient. The EKG's are transmitted to the emergency room. This enables the Cath-lab at hospitals to be ready and waiting for the patient who needs an emergency heart catheterization.
- Administering medications. Medications can be administered several ways. The more common and effective method is through intravenous lines (IV) or intraosseous (IO) lines. The paramedics are able to administer over forty different medications. For each, they must know all the indications, doses, side effects and routes of administration.
- Inserting breathing tubes. The paramedic can insert one of several different types of breathing tubes for the patient who is not, or barely, breathing. The team then assists the breathing for the patient. The team can monitor the oxygen and carbon dioxide saturation levels. Some patients who are really struggling benefit greatly from CPAP, a device that helps their breathing utilizing Continuous Positive Airway Pressure.
- Performing a variety of critical lifesaving procedures such as defibrillating, performing a surgical airway, decompressing a collapsed lung and CPR.
- Conducting an assessment of the patient's condition to be reported to the emergency room. This allows for appropriate personnel to be prepared in the ER.

To stay current with the fast-pace of emergency medicine, our protocols are periodically reviewed and updated. 2017 saw one of the most extensive updates which included the introduction of six new medications. These medications were directed toward improving the outcomes of cardiac and trauma patients. As we move into the New Year, the South Euclid Fire Department will continually seek improved methods to deliver emergency medical services to our residents.

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Health and Wellness Program- FF Eric Thompson

The South Euclid Fire Department is striving to be healthy and fit. One way that we strive for overall good health is through the Health and Wellness Program. One aspect of this program is conducting periodic medical screenings to ensure that every member is fit to perform and excel at the rigors of the job. These medical screenings have traditionally been conducted at the Employee's initial "entrance" medical screening. These screenings are based on the Hospital and Health Center based service model and give us a baseline of the member's health and physical fitness.

Over the years, health and wellness has become more of a priority. Studies have shown that heart disease is the number one cause of line of duty deaths (LODD) for fire department members. Regular exercise and a healthy diet have been proven to help fight heart disease, not just for fire fighters, but for the general population.

The National Fire Protection Association (NFPA) established a set of recommendations for health-related fitness programs for fire fighters. This standard, known as NFPA 1583: Standard on Health-Related Fitness Programs for Fire Department Members "outlines a complete health-related fitness program (HRFP) for members of fire departments involved in emergency operations to enhance their ability to perform occupational activities and reduce the risk of injury, disease, and premature death." This standard recommends regular medical evaluations, peer fitness trainers and assessments, exercise and fitness programs, health promotion education, and data collection.

The South Euclid Fire Department uses NFPA 1583 and the International Association of Fire Fighters/Fire Chiefs Wellness-Fitness Program as it's' basis for their annual fitness evaluations. The goal of this program is to increase fire fighter health and fitness education, regular medical screenings, as well as promoting a healthy lifestyle. Through this program, fire department members have been able to chart and monitor the changes that happen as a member ages. It has been proven that the incidence and risk of illness and injury increases with the age of the fire fighter. By monitoring these changes, it becomes easier to recognize potentially harmful changes and recommend alternatives to help reduce these risks.

The Fire Department currently has one ACE Certified Peer Fitness Trainer who conducted the annual fitness assessments for 2017. This assessment includes total body weight, body fat percentage, waist to hip ratio, and resting heart rate. The test also measures aerobic capacity, muscular strength and endurance, and flexibility. For each of these tests, the fire fighter is given their results, potential problematic trends and areas of concern, as well any recommendations to be made to improve their overall health. These evaluations are non-punitive. The goal is to increase the individual's overall health and fitness while decreasing or eliminating unhealthy trends.

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The 2017 results are as follows as well as a comparison of previous years.

| | <u>2009</u> | <u>2012</u> | <u>2015</u> | <u>2016</u> | <u>2017</u> |
|--------------------------|-------------|-------------|-------------|-------------|-------------|
| Average Age (yrs.) | 43.17 | 39.43 | 41.03 | 41.06 | 42.06 |
| Total Body Weight (lbs.) | 197.54 | 197.67 | 198.43 | 207.90 | 207.61 |
| % Body Fat | 11.16 | 17.10 | 10.35 | 9.90 | 14.57 |
| Body Mass Index (BMI) | 30.64 | 27.80 | 27.91 | 29.19 | 29.05 |
| Grip Strength (in psi) | 57.50 | 59.60 | 61.8 | 62.62 | 62.78 |
| Biceps Curl (in lbs.) | 109.31 | 115.7 | 111.17 | 109.31 | 100 |
| VO2 Max (in) | 35.05 | 42.97 | 43.81 | 43.01 | 43.34 |

These results show that the Fire Department is exactly one year older than last year, and just a tad lighter than in 2016. The age of the department was one year more because the fire department had the same members without any additions or subtractions. The department's average weight and BMI relatively went unchanged and that should be a testament to the fire department's commitment to health and wellness. However, BMI only takes in account a person's height and weight so that number can be misleading. It does not factor in a person's muscle mass or fat ratios. The department's strength and conditioning numbers essentially remained unchanged compared to last year. These results continue to be encouraging. The only major change from last year is the percentage of body fat. It should be noted that the procedure for measuring a member's body fat was changed and believed to be more accurate. It is also well documented that as a person ages, they lose muscle mass and keep fat easier. The department's commitment to health and wellness is important and the impact of this program can be seen in these results. Through the continuation of the Health and Wellness Program, the department can expect to see even more positive changes with the Department.

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Child Passenger Safety Seat Program- FF Joe Zuccaro

Overview

The South Euclid Fire Department has been a member of the Greater Cleveland Safe Kids/ Safe Communities Coalition, part of the larger International Safe Kids Worldwide organization for 18 years. It is focused on all aspects of adult and child safety including child passengers of automobiles.

Thanks to the dedication of our technicians Scott Sebastian, and Joe Zuccaro, we have currently installed or checked the installation of over 1600 car seats. Hired in 2015 Jacob McKenrick is a certified car seat technician and will be a valuable addition to the program as he assumes more inspecting responsibilities.

In addition to the car seat information, we have distributed printed materials covering poison prevention, burn prevention, air bag safety and tips on injury prevention around the house. All of this has helped to give the parents and grandparents peace of mind.

Training

Teaching families how to safely transport their children is the heart of the Safe Kids Buckle Up program. Using car seats, booster seats and seat belts the right way on every ride saves lives.

Every year in addition to taking online classes, our technicians are required to attend a six hour continuing education seminar conducted by the Greater Cleveland Safe Kids Coalition. This conference is held at the IX center in conjunction with the Cleveland Auto Show. This annual state wide conference provides child passenger safety technicians with the most up to date information on child passenger safety seats, vehicles, LATCH, and best practices in occupant protection. They learn from car seat manufacturers, vehicle manufacturers, researchers and industry experts, and other technicians. This year all 3 technicians attended the update satisfying this year's continuing education requirement.

The best thing the parents can do is to read the instruction book that comes with every child seat and also read the section of their vehicles owner's manual that covers child safety seat installation. Then follow both sets of instructions and install the seat themselves. If they have further questions we are able to help them and will explain what the instructions mean.

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Child Passenger Safety Law (Ohio)

Law Summary

Ohio's law requires children ages 7 and younger and less than 4'9" to be secured in a child restraint system or booster seat.

Children ages 3 and younger or who weigh less than 40 pounds must be secured in a child restraint system, (car seat). (A child must be in a child safety seat until they reach 4 yrs. AND 40 lbs.)

Children ages 4 through 7 who weigh 40 pounds or more and are less than 4'9" in height must be secured in a booster seat (secondary enforcement). (A Child must be in a booster seat until they reach 8 yrs. AND 4'9").

Statistics

In 2017 the South Euclid fire department installed or checked the installation of 48 car seats, 23 of these were for South Euclid residents. The remaining 25 were divided among 10 other cities. These cities ranged from our direct neighbors on all sides to others further away with the furthest being from across the country San Bruno, California. This represents approximately a 17% decrease from 2016. All the seats that were checked in 2017 were done while on duty in-between responding to calls or at the end of the day after Inspector Sebastian completed his daily duties.

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Working within the Network

The program is available free of charge to anyone that calls for assistance. The South Euclid Fire Department is networked with our surrounding cities that have technicians and other members of the Safe Kids Coalition, thus allowing us to offer our residents options to attend other checkups when it is convenient for them.

SEFD Car Seat Technicians

L-R Scott Sebastian, Joe Zuccaro, Jacob McKenrick.



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Fire Hydrants- Lt. Geff Turchon

The Fire Department carries its own water supply to fires in the fire engines. While it is a large amount of water, it is seldom enough to put out fires completely. This is where fire hydrants come in to play. We have 1065 city hydrants and 39 private hydrants. City hydrants are maintained by the Cleveland water department and tested by the fire department. Private hydrants are maintained by the private owners. We inspect all hydrants annually in the month of May. This is done by on duty personnel. We test hydrants to check for potential problems, some of which may include the following:

- Obstructions, such as utility poles, trees and fences too close to the hydrant
- The discharge faces the correct direction
- Adequate clearance from ground to the discharge
- Debris inside the hydrant (bottles, cans and rocks)
- Hydrant drains properly

Per National Fire Protection Association (NFPA) 291: Recommended practice for fire flow testing:

Fire flow tests are conducted on water distribution systems to determine the rate of flow (gallons per minute) available at various locations for firefighting operations. The South Euclid Fire Department conducts flow testing at various hydrants annually to determine water flow. Damaged or inoperable hydrants are reported to Cleveland water and they will conduct the repairs.



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Hose- Lt. Geff Turchon

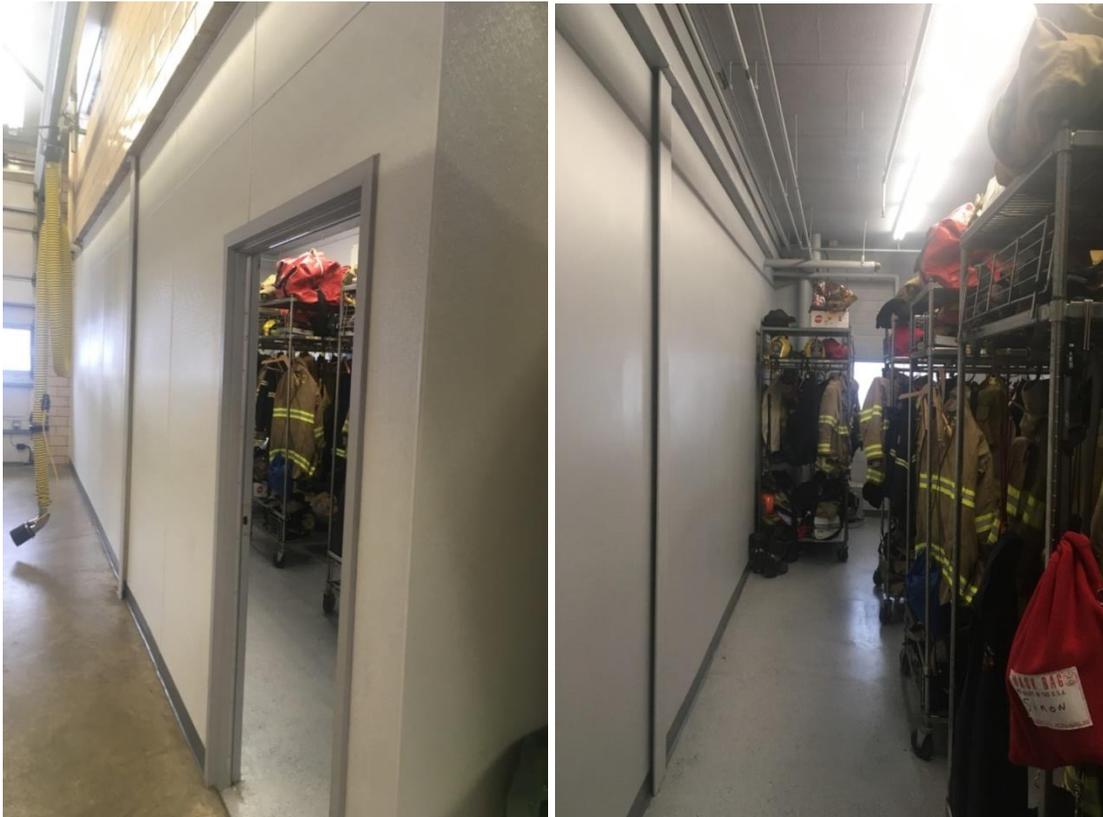
There are many different types of fire hose. Fire hose comes in different sizes and is used for specific jobs. We carry 1.75 inch hose on our fire engines and our ladder truck. This hose is used to attack fire. It is lighter than the larger hose and is easily deployed. We also carry 2.5 inch hose on our trucks. This size hose has a dual purpose. We can use this hose to attack the fire but we can also use it to supply our trucks or small diameter hose. Our largest diameter hose is 4 inch; this is used to supply our fire trucks with water from the hydrants. Hose is tested each year during the summer months. Hose is either tested at 200 psi or 250psi depending on the diameter. Our oldest section of hose was purchased in September of 1981 and is currently still in use. Our newest piece of hose was purchased in February 2009. At the end of 2017 new cross lay hose was ordered and will go into service in 2018. This purchase is a great start to replacing our out dated hose. We have 11,350 feet of hose between our trucks and reserve hose.



Quarters- Lt. Geff Turchon

Our station serves multiple purposes. It houses our trucks; it's the home away from home for the fireman. We conduct training in the station and our administrative offices can be found there too. This past year we were fortunate to have our kitchen countertops replaced. This was a well needed improvement. During the summer of 2017 we had built one of the most important rooms in the fire station. We had a fire gear locker room built. Firefighters have a much higher rate of cancer than the average person does. Firefighters come in contact with many carcinogens during the task of fighting fires. We also run the risk of cancer from running trucks in our bays. While we have an exhaust system the new gear room gives another barrier from exhaust fumes. While fighting fires and exhaust from firetrucks cause cancer, the sunlight will also break down our firefighting gear and shorten its life expectancy. This room is a huge step in preventing cancer and helps us reach the full life of our turnout gear. Our last large station addition was done in 1982. We also had our kitchen remodeled within the past 10 years. Our apparatus area is in desperate need of repair. The roof leaks and from time to time large pieces of plaster fall off the ceiling. We have been advised to not walk on the apparatus roof due to the possibility of falling through. We have brick and mortar falling from the outside of the building. While we take pride in the station it is in need of a remodel and major repairs.

New Gear Room



SCBA – Self Contained Breathing Apparatus – Lt. Pat Arth

A Firefighters SCBA is one of the most important pieces of equipment that he wears. It is made up of three main components: The harness, the bottle, and the face piece. These pieces work together to allow the firefighter to breath in toxic atmospheres.

The South Euclid Fire Department utilizes the Scott 4.5 SCBA. We have 20 SCBA harnesses, two of which are rapid intervention packs. Our harnesses were manufactured in 2001 and were placed into service in February of 2002. The packs were upgraded in 2009 to meet the 2007 NFPA 1981 Standard. The standard was updated again in 2013 and is anticipated to be updated again in early 2018. The packs are two standards old and are nearing the end of their service lives. The department is hoping to replace the packs in 2018. The packs are inspected daily by the on duty personnel and to comply with national standards, an annual “bench test” is performed by an outside testing facility. This test is a comprehensive look at the harness to ensure it is working properly and tests such things as: static mask pressure, breathing resistance at a standard work rate, breathing resistance at a maximum work rate, pressure gauge accuracy, and other things. The bench test costs approximately \$1200 annually. Due to the age of our SCBA we have been incurring additional expenses for maintenance of the packs in the last few years.

The air bottles that our department uses in our air packs are Scott, Carbon Fiber wrapped, thirty minute bottles. The department has (38) air bottles, (36) thirty minute bottles and (2) one hour RIT (rapid intervention team) bottles. A thirty minute air bottle will provide a firefighter with approx. 15-20 minutes of air under normal working conditions. The bottles need to be hydrostatically tested every five years and are sent off site for testing. Five bottles were sent out for this test in 2017. Each bottle has a (15) year service life. These bottles are filled with breathable quality air from our 30 year old Stark Bauer compressor. The compressor is maintained by department members and Breathing Air Systems. Breathing Air Systems comes out twice a year for preventative maintenance. Due to the compressors age we had to ship it to Breathing Air this year for some major repairs

Each member of the department is assigned their own face piece. The majority of the department is utilizing the Scott AV 3000 face piece. Some of our members have been upgraded to the AV 3000HT models. The HT models perform better under fire and heat stresses. Each member inspects their mask every duty day. SCBA face piece fit testing is required by NFPA Standard 1500 (Fire Service Health & Safety) and NFPA 1404 (Fire Service Respiratory Protection Training) to ensure an adequate mask seal and an acceptable fit factor. Two primary reasons for fit testing SCBA users are; verify the mask performs correctly, and proper sizing of the face piece. Once a year during the fit test, the mask is visually inspected by Warren Fire Equipment Inc. At this time the mask is also assessed for any kind of heat damage or cracks.

South Euclid Fire Department- 2017 Annual Report

Personal Protective Equipment (PPE) - Lt. Patrick Arth

Firefighter PPE is the gear that is worn to a variety of emergencies. Firefighter PPE includes: helmets, nomex hood, turnout coat, turnout pants, structural firefighting boots, and gloves. Per NFPA Standard 1851 and the the Collective Bargaining Agreement (CBA), PPE is replaced under the following circumstances:

- * Primary gear greater than ten (10) years of age.
- * Rips, tears, holes, etc. in gear outer shell or inner liner that is not repairable.
- * Gear that is no longer able to be cleaned due to chemical, fire or bodily fluid damage.

In 2017 the fire department replaced three sets of turnout gear, three pair of fire boots, and four fire helmets. We are currently using our record management software (RMS) to inventory and track all of our PPE and keep a record of repairs and maintenance costs.



Fire Explorers Post 1349

Post Advisor: FF James A. Moroney

In 2012 the South Euclid and Lyndhurst Fire Departments worked together to form the first Fire Explorer post in the Heights-Hillcrest area. The Explorer program is operated by the Boy Scouts of America and is for young men and women aged 14-21 who are interested in a career in the Fire and Emergency Medical Services. In 2013 the Mayfield Heights Fire Department was allowed to join the post and we now rotate the meetings between all three fire departments. Becoming a firefighter can be a daunting task. Many people have no idea how hard it is and just how much competition exists. The smallest mistake in one's past can make it almost impossible to get a career firefighting position. We believe that with the proper guidance and instruction our members will have an edge in our very competitive world. Explorers in Post 1349 follow a yearly training schedule and work to meet several levels of requirements and have two meetings a month. During their time with the post, the members are trained on the equipment we use and are introduced to the day to day operations of a fire department and learn what it really means to be a professional firefighter.

Post-1349 re-charters with the Boy Scouts of America every year and this year we currently have 16 active members, this number usually grows during the school year. Many of our members are interested in the Public Safety Academy at Excel Tech and begin with our post. We currently work with the teacher of the Public Safety Academy to develop a mirror curriculum of study. Members of Post 1349 who have completed the first two levels of requirements are allowed to go on "ride a long's" with our departments and many of them have been to critical medical calls as well as fires. These experiences have been invaluable and cemented an inner passion for the fire and emergency medical services.

Post members also participate heavily in public education events and community events. They have become an invaluable tool in all the departments that they are affiliated with. This post has become a model for many of the neighboring departments and we have been approached by several departments with questions about how to start their own or joining ours.

We currently have several members who have completed their state fire training as well as their paramedic training and are working as part-time firefighters in other departments while taking Civil Service Exams for a full-time position. We have heard from several of the departments that they work for that they are doing a great job. I feel that working together we have created a program that all cities can be proud of and that works to provide the fire service with capable people. We look forward to continuing to grow and offer opportunities for local young people.

South Euclid Fire Department- 2017 Annual Report

General Statistics

- * In 2017, The South Euclid Fire Department responded to 3,783 Emergency Calls for service.
- * This represents a 4.33 percent increase from 2016.
- * There were no fire fatalities in 2017.
- * There was 1 civilian injury in 2017.
- * Busiest day of the week in 2017 was Tuesday (578) and Sunday (497) was the slowest.
- * Total property loss was \$779,500. This was up from \$551,951 in 2016.
- * SEFD Responded to 40 structure fires. 33 were mutual aid to other cities.
- * Crews from SEFD responded to 2,692 medical emergencies in 2017.
- * SEFD responded to other cities request for Automatic or Mutual Aid 177 times in 2017.
- * We received Automatic or Mutual Aid 149 times in 2017.
- * SEFD members have a total of 475 combined years of service.
- * Average number of years of service is 14.9 with a high 32 years 11 months and a low of 2 years 2 months.
- * Average response time from receipt of call to arrival on-scene was 4:42 for EMS calls and 5:37 minutes for fire calls.
- * In SEFD the average time on scene for all types of calls was 13:16 minutes.

South Euclid Fire Department- 2017 Annual Report

EMS Charges and Payments Received Summary

Asst. Chief David Csire

In November of 2016 Mayor Welo and Chief Stefko were authorized by City Council in resolution 55-14, to enter into a contract with the Ohio Attorney General. The resolution allowed them to collect unpaid bills for providing Emergency Medical Service dating back to August 1, 2008. By the end of 2017 the City of South Euclid began receiving money from delinquent EMS billing, but the program almost never started.

In the beginning of 2017 Chief Stefko began the process of filing the paperwork with the Attorney General's Office. He was informed they were not taking new clients into the "Delinquent Debt Collection Agreement". The Chief was not pleased with their stance on not accepting new clients. Mayor Welo, Chief Stefko, Finance Director Brenda Wendt and other municipalities wrote letters asking them to extend the program to new clients. The Attorney General's Office agreed to accept South Euclid into the program. The City of South Euclid received their first delinquent debt check from the Ohio Attorney General in December 2017 totally \$7,819. In 2018 the City should receive an increased amount collected by the Ohio Attorneys General.

Part of "Delinquent Debt Collection Agreement" the Attorney General's Office sent notices to those who were delinquent on their EMS bill to the City of South Euclid. In the notice, they were explained they could send their payment to the City of South Euclid or it would be taken out of their 2018 income tax return. In November and December the City received past due payments by check or credit card totally \$9,662.

South Euclid Fire Department- 2017 Annual Report

2017 EMS Charges & Payments Received Summary

| Month | Total Charges: | Payment Received: |
|-----------------------|---------------------|---------------------|
| January | \$109,550.00 | \$36,370.00 |
| February | \$93,070.00 | \$30,059.21 |
| March | \$114,718.00 | \$43,671.00 |
| April | \$93,403.00 | \$37,342.00 |
| May | \$103,214.00 | \$42,247.00 |
| June | \$96,141.00 | \$37,622.00 |
| July | \$97,116.00 | \$43,557.00 |
| August | \$98,979.00 | \$42,446.00 |
| September | \$91,058.00 | \$31,402.00 |
| October | \$99,342.00 | \$44,020.00 |
| November | \$89,666.00 | \$38,145.00 |
| December | \$100,972.00 | \$39,1546.00 |
| Annual Totals: | 1,187,232.00 | \$464,043.00 |

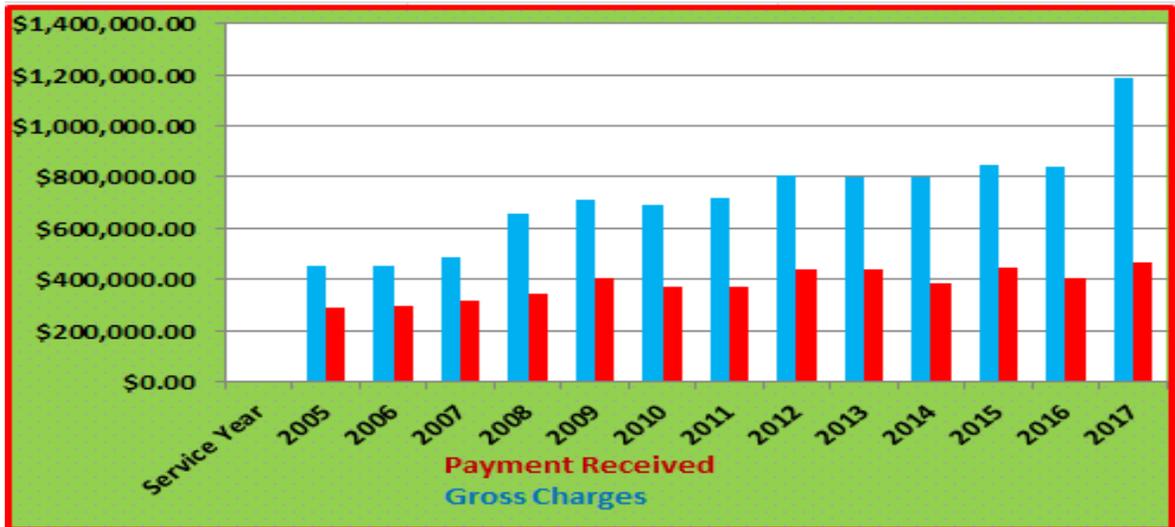
| | | |
|-------------------------------|--------------------|--------------------|
| 2017 Monthly Averages: | \$98,936.00 | \$38,670.00 |
|-------------------------------|--------------------|--------------------|

South Euclid Fire Department- 2017 Annual Report

Annual EMS Charges & Payments Received

(2005-2017)

| South Euclid EMS Annual Charges and Payment Received Summary 2005 to 2017 | | |
|--|----------------|------------------|
| Service Year | Gross Charges: | Payment Received |
| 2005 | \$450,063.00 | \$285,764.00 |
| 2006 | \$452,244.00 | \$293,568.00 |
| 2007 | \$484,114.50 | \$312,729.00 |
| 2008 | \$657,620.00 | \$343,859.00 |
| 2009 | \$709,930.00 | \$402,604.00 |
| 2010 | \$687,370.00 | \$372,061.00 |
| 2011 | \$720,291.00 | \$371,642.00 |
| 2012 | \$803,003.00 | \$435,409.00 |
| 2013 | \$799,115.00 | \$439,742.00 |
| 2014 | \$797,466.00 | \$385,393.00 |
| 2015 | \$843,706.00 | \$443,425.00 |
| 2016 | \$842,035.00 | \$407,624.00 |
| 2017 | \$1,187,232.00 | \$464,043.00 |



South Euclid Fire Department- 2017 Annual Report

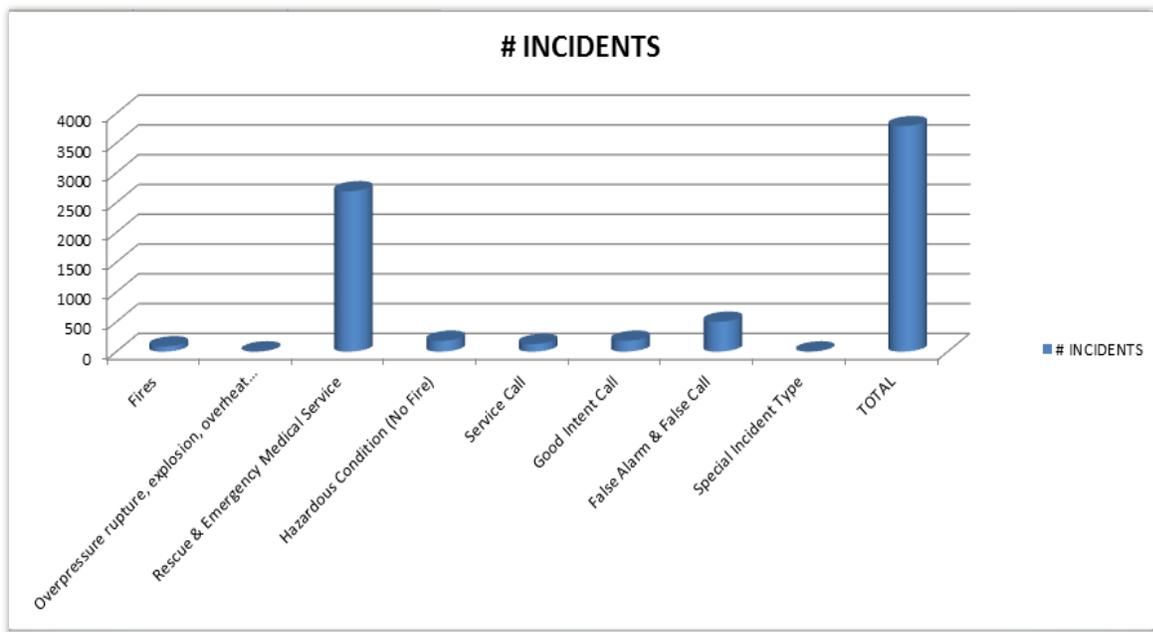
Multi- Family Dwelling Alarm Responses

| 2017 Multi-Family Dwelling Alarm Respond Statistics | | | | | | | |
|--|-----------------------|------------|------------|-----------------|-----------|------------|-------------|
| | No Reason Or Cause | Cooking | Workers | Shower Steam | Misc. | Total | % of Total |
| January | 3 | 8 | 0 | 1 | 3 | 15 | 5.93% |
| February | 2 | 11 | 2 | 4 | 1 | 20 | 7.91% |
| March | 4 | 13 | 4 | 4 | 3 | 28 | 11.07% |
| April | 0 | 9 | 3 | 4 | 0 | 16 | 6.32% |
| May | 0 | 11 | 1 | 5 | 0 | 17 | 6.72% |
| June | 4 | 11 | 1 | 4 | 0 | 20 | 7.91% |
| July | 8 | 7 | 1 | 4 | 1 | 21 | 8.30% |
| August | 4 | 15 | 5 | 1 | 1 | 26 | 10.28% |
| September | 8 | 8 | 3 | 2 | 2 | 23 | 9.09% |
| October | 3 | 13 | 3 | 2 | 0 | 21 | 8.30% |
| November | 4 | 13 | 0 | 3 | 0 | 20 | 7.91% |
| December | 6 | 14 | 2 | 3 | 1 | 26 | 10.28% |
| Total | 46 | 133 | 25 | 37 | 12 | 253 | |
| % of Total | 18% | 53% | 10% | 15% | 5% | | 100% |

South Euclid Fire Department- 2017 Annual Report

Type of Call by Percentage

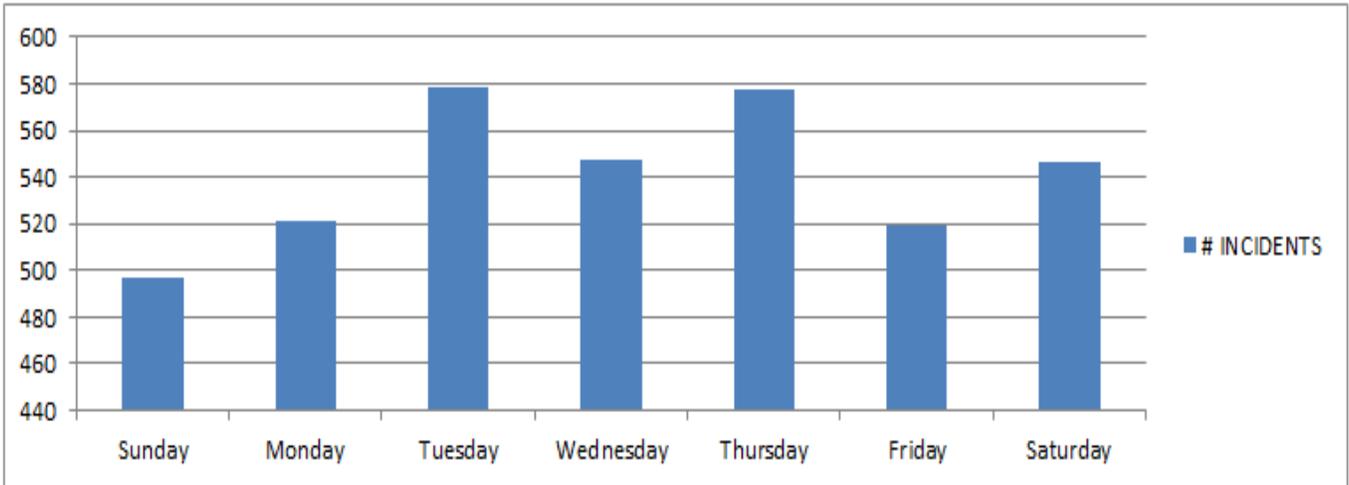
| MAJOR INCIDENT TYPE | # INCIDENTS | % of TOTAL |
|--|-------------|----------------|
| Fires | 88 | 2.32% |
| Overpressure rupture, explosion, overheating - no fire | 4 | 0.11% |
| Rescue & Emergency Medical Service | 2692 | 71.12% |
| Hazardous Condition (No Fire) | 183 | 4.83% |
| Service Call | 129 | 3.41% |
| Good Intent Call | 183 | 4.83% |
| False Alarm & False Call | 502 | 13.26% |
| Special Incident Type | 4 | 0.11% |
| TOTAL | 3785 | 100.00% |



South Euclid Fire Department- 2017 Annual Report

Call Volume by the Day of Week

Tuesday & Thursday had the Highest Volume
Sunday was the least Call Volume



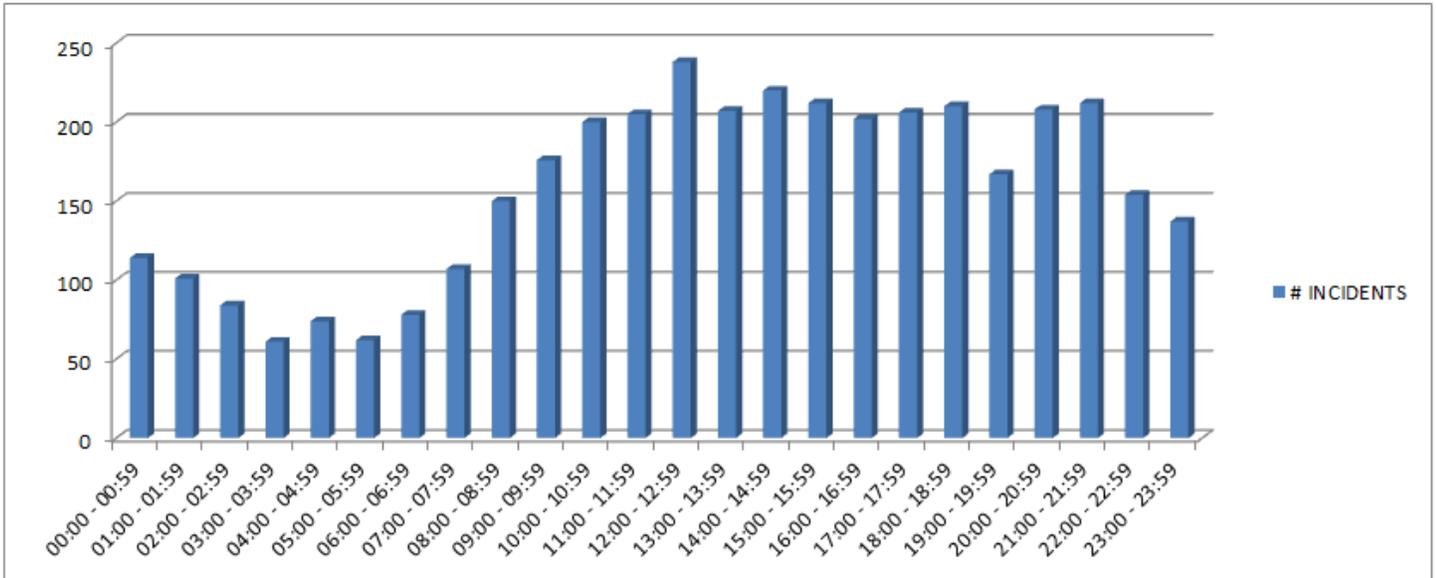
| DAY OF THE WEEK | # INCIDENTS |
|-----------------|-------------|
| Sunday | 497 |
| Monday | 521 |
| Tuesday | 578 |
| Wednesday | 547 |
| Thursday | 577 |
| Friday | 519 |
| Saturday | 546 |
| TOTAL | 3785 |

South Euclid Fire Department- 2017 Annual Report

Call Volume by Hour of the Day

Highest Call Volume was the noon Hour

Lowest Call Volume was 0300-0359



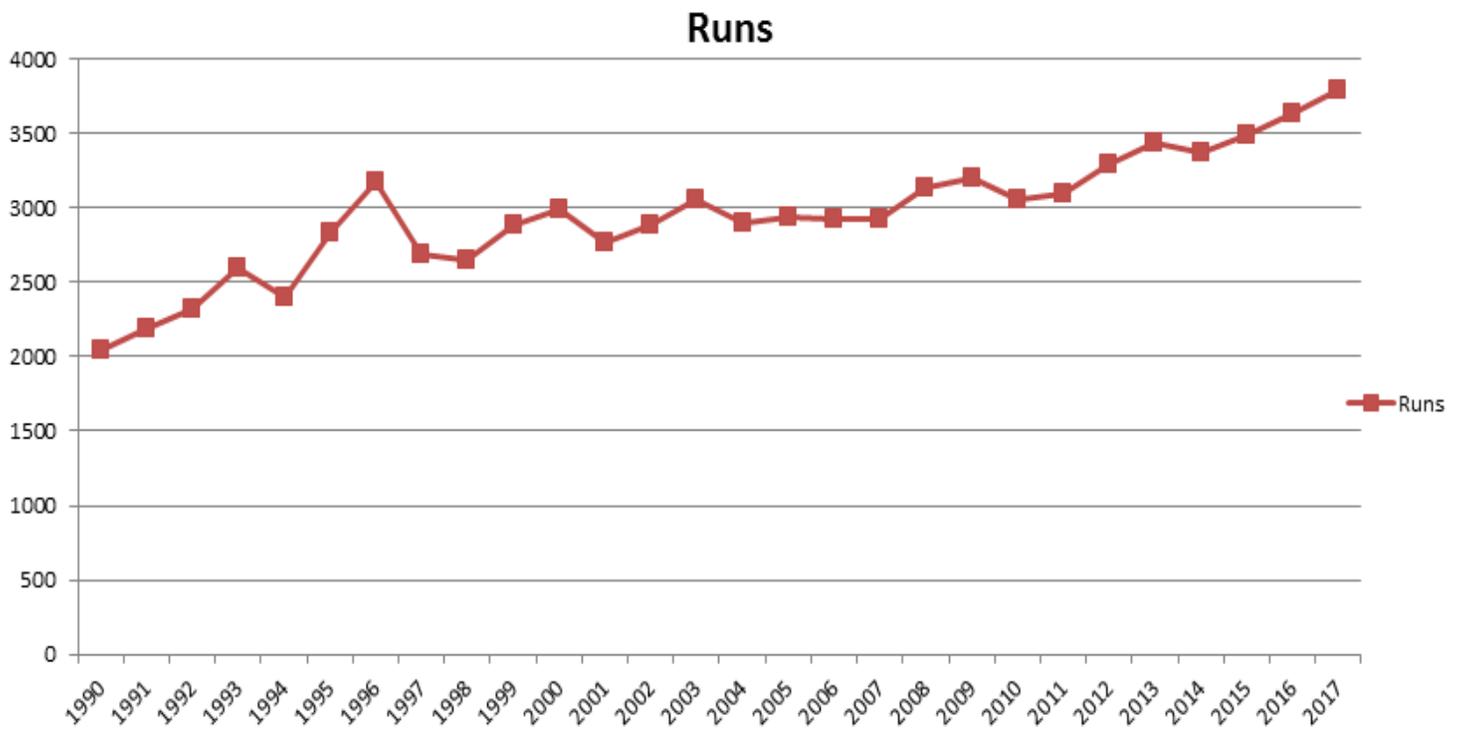
| hour | # INCIDENTS |
|---------------|-------------|
| 00:00 - 00:59 | 114 |
| 01:00 - 01:59 | 101 |
| 02:00 - 02:59 | 84 |
| 03:00 - 03:59 | 61 |
| 04:00 - 04:59 | 74 |
| 05:00 - 05:59 | 62 |
| 06:00 - 06:59 | 78 |
| 07:00 - 07:59 | 107 |
| 08:00 - 08:59 | 150 |
| 09:00 - 09:59 | 176 |
| 10:00 - 10:59 | 200 |
| 11:00 - 11:59 | 205 |
| 12:00 - 12:59 | 238 |
| 13:00 - 13:59 | 207 |
| 14:00 - 14:59 | 220 |
| 15:00 - 15:59 | 212 |
| 16:00 - 16:59 | 202 |
| 17:00 - 17:59 | 206 |
| 18:00 - 18:59 | 210 |
| 19:00 - 19:59 | 167 |
| 20:00 - 20:59 | 208 |
| 21:00 - 21:59 | 212 |
| 22:00 - 22:59 | 154 |
| 23:00 - 23:59 | 137 |

South Euclid Fire Department- 2017 Annual Report

Call Volume Trend by Year

1990-2017

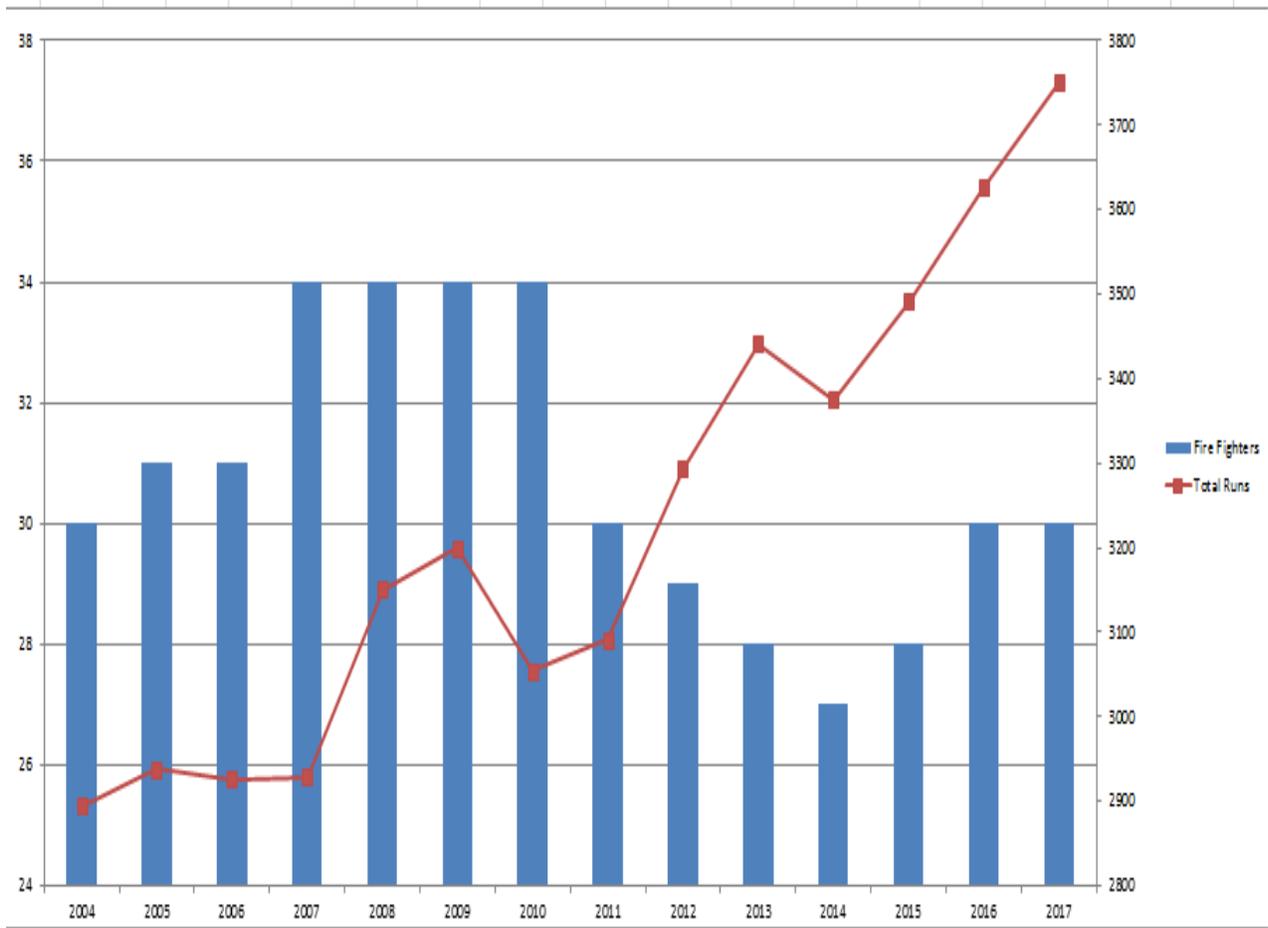
3783 Calls for service in 2017



South Euclid Fire Department- 2017 Annual Report

Call Volume with Total Staffing by Year

(Line Staffing only)



South Euclid Fire Department- 2017 Annual Report

Mutual Aid Received & Given by Year

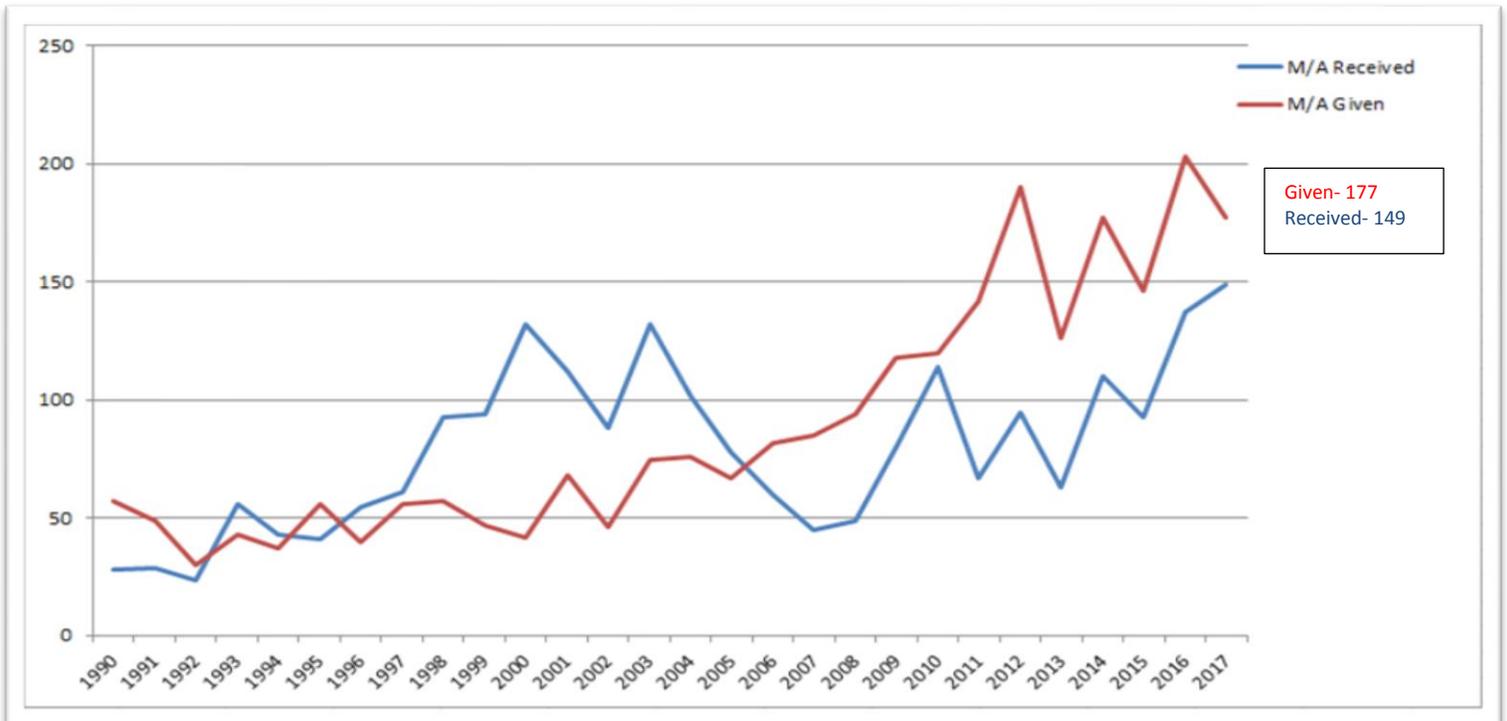
Percentage of Mutual Aid Calls

Years 2000-2017

| Year | Runs | Mutual Aid Given | % of Mutual Aid |
|------|------|------------------|-----------------|
| 2000 | 2991 | 42 | 1.4 |
| 2001 | 2761 | 68 | 2.46 |
| 2002 | 2882 | 46 | 1.6 |
| 2003 | 3056 | 75 | 2.45 |
| 2004 | 2894 | 76 | 2.62 |
| 2005 | 2938 | 67 | 2.28 |
| 2006 | 2926 | 82 | 2.8 |
| 2007 | 2929 | 85 | 2.9 |
| 2008 | 3139 | 94 | 2.99 |
| 2009 | 3200 | 118 | 3.68 |
| 2010 | 3054 | 120 | 3.92 |
| 2011 | 3091 | 142 | 4.59 |
| 2012 | 3293 | 190 | 5.77 |
| 2013 | 3441 | 126 | 3.66 |
| 2014 | 3375 | 177 | 5.24 |
| 2015 | 3491 | 146 | 4.18 |
| 2016 | 3626 | 203 | 5.60 |
| 2017 | 3783 | 177 | 4.68 |

Aid Given in 2017

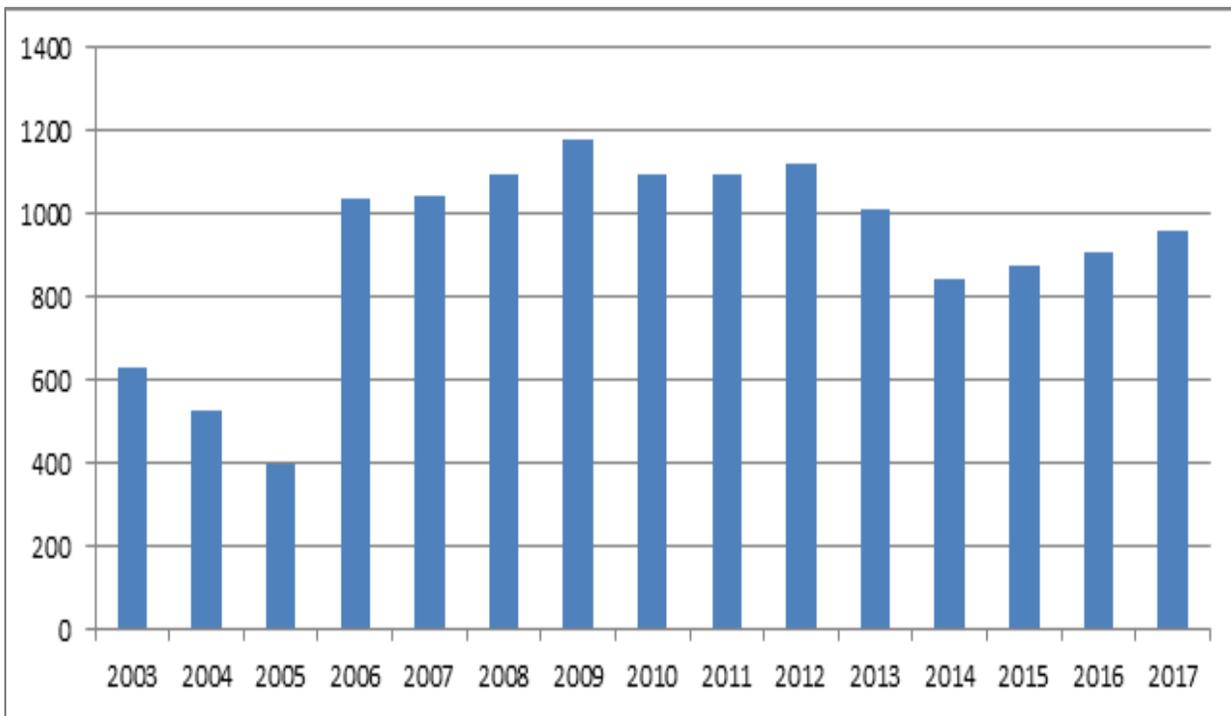
- Beachwood- 1
- Bedford- 2
- Cleveland Heights- 57
- East Cleveland- 4
- Euclid- 21
- Lyndhurst- 20
- Mayfield Village- 1
- Shaker Heights- 7
- Richmond Heights – 7
- University Heights- 57



South Euclid Fire Department- 2017 Annual Report

Overlapping Calls

In 2017 we had 962 calls that overlapped which was 25.42% of the time

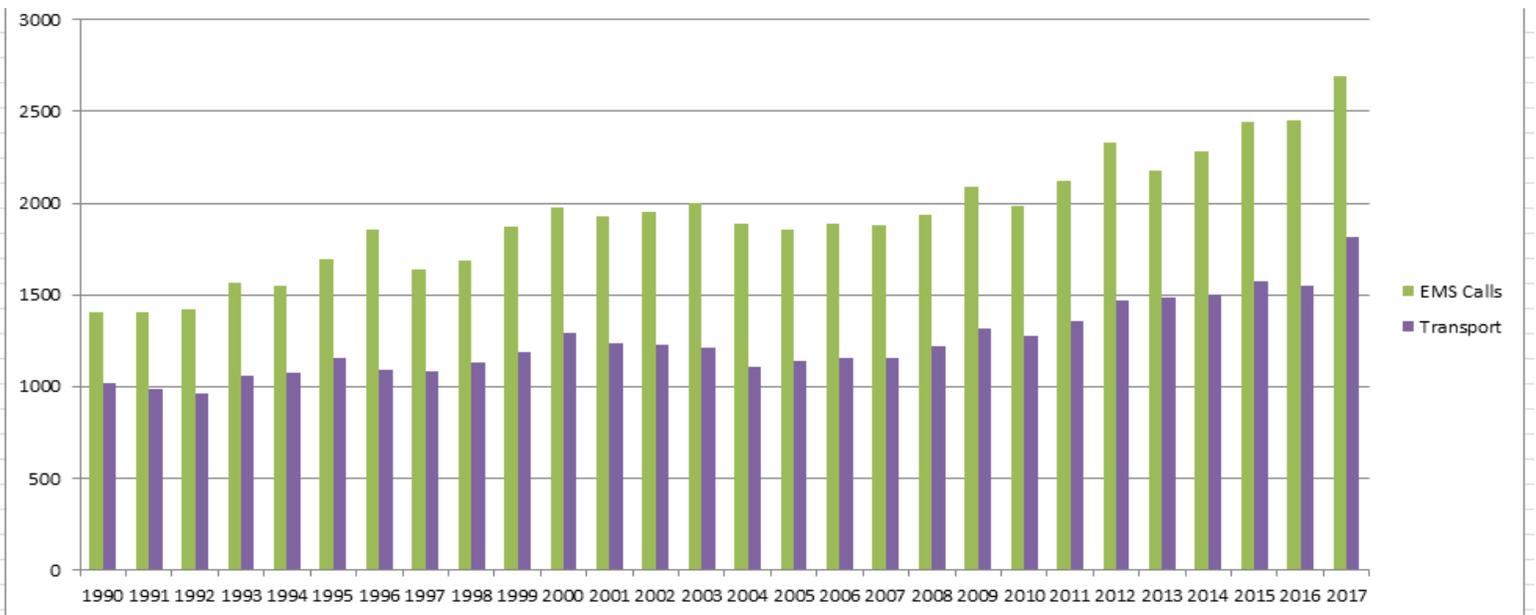


South Euclid Fire Department- 2017 Annual Report

Total EMS Calls per Year with Transport & Hospital

(1990-2017)

In 2017 we had 2692 EMS Calls & Transported 1819 Patients



| <u>Hospital</u> | <u>Total Transports</u> |
|-----------------|-------------------------|
| Ahuja | 134 |
| CCF Main | 117 |
| Euclid | 12 |
| Hillcrest | 753 |
| Metro Severance | 364 |
| Richmond | 72 |
| Southpoint | 20 |
| University | 342 |
| Total | <u>1819</u> |

South Euclid Fire Department- 2017 Annual Report

Call Trend- Fire & EMS

2000-2017

| Year | Fire | Ems |
|------|------|------|
| 2000 | 1012 | 1979 |
| 2001 | 833 | 1928 |
| 2002 | 932 | 1950 |
| 2003 | 1052 | 2004 |
| 2004 | 1006 | 1888 |
| 2005 | 1083 | 1855 |
| 2006 | 1039 | 1887 |
| 2007 | 1049 | 1880 |
| 2008 | 1206 | 1933 |
| 2009 | 1107 | 2093 |
| 2010 | 1071 | 1983 |
| 2011 | 967 | 2124 |
| 2012 | 966 | 2327 |
| 2013 | 1267 | 2174 |
| 2014 | 1091 | 2284 |
| 2015 | 1046 | 2445 |
| 2016 | 1177 | 2449 |
| 2017 | 1093 | 2690 |



South Euclid Fire Department- 2017 Annual Report

2017 Incidents with Property Loss

| TOTAL INCIDENTS | TOTAL PROPERTY LOSS | TOTAL CONTENT LOSS | TOTAL LOSSES | AVERAGE LOSS |
|-----------------|---------------------|--------------------|--------------|--------------|
| 15 | \$667,200.00 | \$112,300.00 | \$779,500.00 | \$51,966.00 |

| INCIDENT NUMBER | DATE | Incident Type | PROPERTY LOSS | CONTENT LOSS | TOTAL | % of Total |
|-----------------|------------|--|---------------|--------------|--------------|------------|
| 2017-0040 | 01/06/2017 | 131 - Passenger vehicle fire | \$4,400.00 | \$0.00 | \$4,400.00 | 0.56% |
| 2017-0157 | 01/15/2017 | 111 - Building fire | \$30,000.00 | \$5,000.00 | \$35,000.00 | 4.49% |
| 2017-0439 | 02/13/2017 | 130 - Mobile property (vehicle) fire, other | \$350,000.00 | \$0.00 | \$350,000.00 | 44.90% |
| 2017-0641 | 03/05/2017 | 111 - Building fire | \$15,000.00 | \$2,500.00 | \$17,500.00 | 2.25% |
| 2017-0683 | 03/08/2017 | 142 - Brush or brush-and-grass mixture fire | \$800.00 | \$0.00 | \$800.00 | 0.10% |
| 2017-0871 | 03/26/2017 | 113 - Cooking fire, confined to container | \$0.00 | \$800.00 | \$800.00 | 0.10% |
| 2017-1054 | 04/13/2017 | 111 - Building fire | \$60,000.00 | \$25,000.00 | \$85,000.00 | 10.90% |
| 2017-1093 | 04/18/2017 | 113 - Cooking fire, confined to container | \$2,000.00 | \$5,000.00 | \$7,000.00 | 0.90% |
| 2017-1416 | 05/18/2017 | 132 - Road freight or transport vehicle fire | \$30,000.00 | \$0.00 | \$30,000.00 | 3.85% |
| 2017-1829 | 06/26/2017 | 111 - Building fire | \$50,000.00 | \$20,000.00 | \$70,000.00 | 8.98% |
| 2017-2661 | 09/17/2017 | 113 - Cooking fire, confined to container | \$1,000.00 | \$1,500.00 | \$2,500.00 | 0.32% |
| 2017-2738 | 09/25/2017 | 111 - Building fire | \$2,500.00 | \$2,500.00 | \$5,000.00 | 0.64% |
| 2017-2783 | 09/30/2017 | 111 - Building fire | \$20,000.00 | \$5,000.00 | \$25,000.00 | 3.21% |
| 2017-3205 | 11/05/2017 | 111 - Building fire | \$100,000.00 | \$45,000.00 | \$145,000.00 | 18.60% |
| 2017-3303 | 11/12/2017 | 131 - Passenger vehicle fire | \$1,500.00 | \$0.00 | \$1,500.00 | 0.19% |

South Euclid Fire Department- 2017 Annual Report

The South Euclid Fire Department thanks you for taking the time to review our annual report. It is the primary goal of the Fire Division to provide the highest level of life and property safety through the extension of: Fire Prevention, Fire Control, Emergency Medical Care, and Public Education Services. It is in this report that we strive to provide pertinent information and data on the current operations and overall status of the Fire Department. Lastly, the Fire Department thanks the community of South Euclid for their continued support and we look forward to another productive year in 2018.

