

SOUTH EUCLID FIRE DEPARTMENT



2015 ANNUAL REPORT

South Euclid Fire Department – 2015 Annual Report

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CLASSIFICATION AND ASSIGNMENT OF FIRE DEPARTMENT PERSONNEL

ADMINISTRATIVE OFFICERS

Chief Douglas Stefko OFE, Paramedic, CFSI, FI

Assistant Chief Dave Csire Paramedic CFSI, FI, HASRT

FIRE PREVENTION BUREAU

Inspector Scott Sebastian, CFSI, Paramedic, Arson, BS

FIRE SUPPRESSION – EMERGENCY MEDICAL PERSONNEL

<i>Captain Ted Shoop OFE</i>	<i>Paramedic</i>	<i>CFSI, FI</i>
<i>Captain Paul Tepley</i>	<i>Paramedic</i>	<i>CFSI, FI, HASRT, AAS</i>
<i>Captain Larry Gaspar OFE</i>	<i>Paramedic</i>	<i>CFSI, FI, HASRT</i>
<i>Lt. Pat Arth</i>	<i>Paramedic</i>	<i>CFSI, FI, AAS</i>
<i>Lt. Greg Duy</i>	<i>Paramedic</i>	<i>CFSI, FI, ADN</i>
<i>Lt. Geffry Turchon</i>	<i>Paramedic</i>	<i>CFSI, FI, Arson</i>
<i>Lt. Alex Picone</i>	<i>Paramedic</i>	<i>CFSI, FI, AA</i>
<i>FF Joe Pavlisko</i>	<i>Paramedic</i>	<i>CFSI, BA</i>
<i>FF Dan Drees</i>	<i>EMT</i>	
<i>FF Joe Zuccaro</i>	<i>Paramedic</i>	<i>CFSI, FI,</i>
<i>FF Scott Wilms</i>	<i>Paramedic</i>	<i>CFSI, HASRT</i>
<i>FF Aaron Lowe</i>	<i>EMT</i>	
<i>FF Ben Ovelgonne</i>	<i>Paramedic</i>	<i>CFSI, Arson</i>
<i>FF Chris Erskine</i>	<i>Paramedic</i>	
<i>FF Matt Ziemba</i>	<i>Paramedic</i>	<i>CFSI</i>
<i>FF Pedro Garcia</i>	<i>Paramedic</i>	<i>CFSI, FI, EMS, HASRT, BS</i>
<i>FF Sean Patitucci</i>	<i>Paramedic</i>	<i>CFSI, Arson</i>
<i>FF James Moroney</i>	<i>Paramedic</i>	<i>CFSI, FI</i>
<i>FF Tom Henry</i>	<i>Paramedic</i>	<i>Arson</i>
<i>FF John Scudellari</i>	<i>Paramedic</i>	<i>FI, AAS</i>
<i>FF Eric Thompson</i>	<i>Paramedic</i>	<i>HASRT</i>
<i>FF Chris Saplak</i>	<i>Paramedic</i>	
<i>FF Dan Kolodka</i>	<i>Paramedic</i>	<i>AAS</i>
<i>FF Tom Canitia</i>	<i>Paramedic</i>	<i>FI, HASRT, BA</i>
<i>FF Marvin Willock</i>	<i>Paramedic</i>	
<i>FF Nick Sweetnich</i>	<i>Paramedic</i>	
<i>FF Matt Simon</i>	<i>Paramedic</i>	
<i>FF David Spraggins</i>	<i>Paramedic</i>	
<i>FF Jacob McKenrick</i>	<i>Paramedic</i>	
<i>FF Jonathan Tedeschi</i>	<i>Paramedic</i>	<i>AAS</i>

<p>Arson – Fire Investigation Unit CFSI – Fire Safety Inspector FI – Fire Instructor EMS – EMS Instructor HASRT – Special Rescue Team OFE – Ohio Fire Executive BS – Bachelor of Science BA – Bachelor of Arts AA – Associate of Arts AAS – Associate of applied Science ADN – Associate Nursing</p>
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Promotions, Retirements and Appointments

Promotions

None

Retirements

None

Appointments

David Spraggins – FF/Medic - March 23, 2015

Jacob McKenrick – FF/Medic - November 2, 2015

Jonathan Tedeschi – FF/ Medic - November 2, 2015



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2015 Firefighter of the Year

Matt Ziemba Firefighter –EMT -P



Matt Ziemba was appointed to the South Euclid Fire Department on September 9, 2001 and recently completed 14 years of service to the residents of South Euclid. Matt is a state certified Paramedic & Fire Safety Inspector. Matt is also assigned as one of several Acting Lieutenants. Matt was nominated by his peers and chosen by the awards committee as firefighter of the year.

His knowledge and experience is an asset to the department and he can be depended on for sound advice when needed. He has proven this with multiple saves on emergencies and mentoring of many of the fire department members. Matt is married to his wife Jennifer and is the father of a son and daughter: Riley and Avery.

The members of the South Euclid Fire Department congratulate Matt and thank him for his dedication and service.

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Fire and EMS Apparatus- Captain Gaspar



Engine #312

Delivery of this front line state of the art pumper was accepted by the City in March of 2008. Engine 312 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 also is a first responder to rescue calls when squad 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. We consider this pumper to be state of the art because of its engineering and installed equipment. For instance, 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 our pumper; 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 structure fires allows water to readily soak into materials, thereby extinguishing them more rapidly. This 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 your fire department members to do their job efficiently and safely.

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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 materials 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 imager used to find trapped victims and hidden fire. This apparatus is due for replacement in 2018 where it will move to a reserve status.

Miles 36,769 Hours 4,471

2015 Total Responses 1093

2015 Maintenance costs \$10,512.30



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 was received in February 1999 and served as our front line pumper until 2008. Currently 311 is our reserve pumper and is used whenever 312 or 321 are out of service. In 2012 this apparatus had extensive work completed on the pump so that it could meet flow testing requirements. This unit is in fair condition after many years of hard service, as 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 has yet to have the work performed on it. 311 should be taken out of service in 2018 as a replacement engine will need to be purchased.

Miles 43,088 Hours 5,019

2015 Total Responses 79

2015 Maintenance costs \$3,101.34



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Aerial #321

Aerial 321 was placed into service in January 2012. The ladder 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 its exhaust system 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 exhaust system turns the harmful byproducts into nitrogen gas and water vapor by superheating the exhaust in a catalyst chamber. The end product 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 imager, laddering buildings, overhaul by searching for hidden fire, and assisting in a rope rescue. Ladder 321 moves to a first responding fire apparatus to additional emergency calls when 312 is on previous emergency assignments.

This truck is in excellent condition.

Miles 10,255 Hours 1,410

2015 Total Responses 307

2015 Maintenance costs \$348.89



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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 November of 2012. The ambulance was manufactured by Horton Emergency Vehicles. The patient compartment of the vehicle is made by Horton and sits on a Chevrolet 4500 chassis. The vehicle complies with the 2010 emissions standards producing very little pollutants into the atmosphere. Due to the high percentage of EMS calls, this unit responds to more emergencies than any other piece of equipment. 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 considered to be advanced lifesaving units (ALS) and are virtually an emergency room on wheels. The state of the art medical equipment on the rescue squad allows the paramedics to diagnose and treat many medical conditions including heart attacks and strokes, and is capable to send patient information to the hospital prior to arriving.

This unit is in good condition

Miles 59,317 Hours 4,163

2015 Total Responses 2,216

2015 Maintenance costs \$1,501.22



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Rescue Squad #342

Rescue Squad 342 is a state of the art ambulance purchased by the City in November 2006. Since receiving 341, this apparatus now responds as the second out rescue squad when there are multiple calls at the same time. 342 received a new engine in 2011 due to a mechanical problem. This vehicle is a 2006 Braun ambulance on a Ford E-450 chassis. This unit received extensive repairs during 2015 in order to keep it road worthy. This unit is 8 years old and is currently in Fair condition. 342 is also an advanced lifesaving (ALS) unit.

Miles 97,608 Hours 8,366

2015 Total Responses 358

2015 Maintenance costs \$5,803.43



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Rescue Squad #343

Rescue Squad 343 is a Braun ambulance on a Ford E-450 chassis, which was put into service in February 2002. This EMS unit has been put into reserve status and will see use when one of the front two squads has to be taken out of service. This paramedic equipped unit is 13 years old and is in poor condition.



Rescue Squad 343

Miles 89,963 Hours 12,238
2015 Total Responses 100



EMS Chase Car 353

Miles 11,441
2015 Total Responses 2006

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 excellent condition.

Utility Pick-up 371

Miles 24,473

371 is a Ford-150 pickup truck used for snow plowing, hydrant testing, details, etc. The City accepted delivery of this vehicle in July 2002. This vehicle is 13 years old and is in fair condition.

Staff Car 351

Miles 11,233

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

Staff Car 352

Miles 120,260

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

Staff Car 355

Miles 149,488

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

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Fire Department Training 2015

There are three different types of training we perform at the department. They are on duty shift training where the firefighters scheduled for the day participate in daily training, off duty outside education where firefighters and officers attend classes to advance their emergency response preparedness, and online computer training.

On Duty Training

The South Euclid Fire Department takes pride in the amount of training that we do throughout the year. On duty training is performed every day in one form or another. There are daily morning quick drills that consist of a shift member doing a 10-15 minute drill on his topic of choice. Every month the shifts conduct pre-plan tours at different locations and businesses in the community. There is a different ground ladder each month that the shifts have to do training on as well as a monthly Self-Contained Breathing Apparatus (SCBA) Drill.

There is mandatory training we do every year and those primary topics include; Emergency Medical Services Continuing Education (EMS), Hazardous Materials response (HAZ-Mat), Vehicle Extrication, Blood borne Pathogens, and Emergency Driver Training. There are also topics that are not mandatory and in 2015 those included; Firefighter Mayday, Standpipe operations, Incident Command, and SCBA.

Off Duty/Outside Education

Outside education is used to train our personnel in other topics that cannot be done at the fire station. This type of education/training is very important to the future of the department as the leaders of tomorrow need to be trained and prepared today. There is a big push in the fire service regarding higher education. Nationwide, the higher the rank in the department the more educated that you are expected to be with many Officer level positions looking for bachelor's degrees. No longer is it common place for a firefighter to be hired and then obtain all of his/her training and education at the station.

Online Training

Online training is just like it sounds. Members of the department are required to log into online training websites and complete a minimum amount of training for the year. EMS training is done through the EMS Jane website and Fire Training is completed on the 24/7 fire training website. A minimum of 4 classes have to be completed using the EMS Jane and 24/7 websites.

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2015 Live Fire Training

It is said that you must practice like you play. In the fire service this is very difficult to do because it is not every day that we can light a fire in a structure to practice under realistic environments. In 2015 we were able to host a live fire training event. This opportunity does not present itself every day or even every year and as soon as the opportunity presented itself we took full advantage.

The house that the training took place in was on the Brush High School property and owned by the South Euclid/Lyndhurst school board. Even though the house was technically located in Lyndhurst the SEFD took the lead role in developing and conducting the training. The training included fire departments from Lyndhurst, Euclid, Richmond Hts., Highland Hts, and Pepper Pike.

This training was very unique in that we were able to practice initial fire ground operations with multiple departments from the area. This training provided an opportunity for all of the departments involved to learn the different ways that each department works so that when a real incident happens we are familiar with each other.



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2015 Outside Education

Chief Doug Stefko

Ohio Sunshine Laws	Dave Yost
Tri-C Live Burn Training	Tri-C
Community Paramedicine	Independence FD
HR Responsibilities	Fred Pryor Seminars
Fire ground Safety: Preparing for the Hard Environment	Anthony Avillo

Asst: Chief Dave Csire

Ohio Sunshine Laws	Dave Yost
Tri-C Live Burn Training	Tri-C
Community Paramedicine	Independence FD
Mistake Free Grammar & Proofreading	Fred Pryor Seminar
Financial Limitations of Financial Planning	FRI/IAFC Conference
Marketing and Branding	FRI/IAFC Conference
Courageous Leadership-Transforming the fire service's mission	FRI/IAFC Conference
Meeting SOC with alternative staffing & shared service/Auto Aid	FRI/IAFC Conference
How to be one of the 31	FRI/IAFC Conference
Fire Chief Whisperer-Personal Coaching to Land the Top Spot	FRI/IAFC Conference
Why the hell did I take this Job	FRI/IAFC Conference
Social Media for International Communications	FRI/IAFC Conference
Reputation Management: Strategies to Safeguard the Firehouse	FRI/IAFC Conference
From Bad Behaviors, Social Media, and Citizen Journalists	FRI/IAFC Conference
Blue Card 50 Hr. Online Class (Incident Command)	Alan Brunacini

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HR Responsibilities	Fred Pryor Seminars
Fire ground Safety: Preparing for the Hard Environment	Anthony Avillo
Blue Card 3-Day simulations	Alan Brunacini
School Safety Drills and Lockdown Update	NEOFPA
Fire Extinguishers	NEOFPA
Special Amusements Occupancies	NEOFPA
Ohio Homeland Security Update	NEOFPA
EMS Update x 2	UH Bedford
Trauma Update	UH Bedford

Captain Tedman Shoop

Blue Card 50 Hr. Online Class (Incident Command)	Alan Brunacini
Blue Card 3-Day simulations	Alan Brunacini

Captain Larry Gaspar

Blue Card 50 Hr. Online Class (Incident Command)	Alan Brunacini
Blue Card 3-Day simulations	Alan Brunacini

Captain Paul Tepley

Community Risk Reduction for Emergency Services	Anna Maria College
Heavy Equipment Rigging Specialist	Region 2 USAR
Trench Rescue and Entry	CMC Rescue School
Management Policies in Government Finance	Anna Maria College
Blue Card 3-Day simulations	Alan Brunacini

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Lieutenant Patrick Arth

Blue Card 50 Hr. Online Class (Incident Command)	Alan Brunacini
Blue Card 3-Day simulations	Alan Brunacini

Lieutenant Greg Duy

Fire Officer II	BGSU
Fire Instructor	Auburn Career Center
NIMS 703A	FEMA
Fire and Emergency Services Administration	BGSU
Intro to Public Administration	BGSU

Lieutenant Geffry Turchon

Blue Card 50 Hr. Online Class (Incident Command)	Alan Brunacini
Blue Card 3-Day simulations	Alan Brunacini

Lieutenant Alex Picone

Blue Card 3-Day simulations	Alan Brunacini
Blue Card Mayday Simulations	Alan Brunacini

Fire Inspector Scott Sebastian

Fire Origin and Cause (2 nd week of 80 hour course)	Tri-C
Hood Suppression Systems	NEOFPA
Firework/Pyrotechnic Safety	NEOFPA
Mistake Free Grammar & Proofreading	Fred Pryor Seminar

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2015 Child Passenger Safety Seat Conference	Greater Cleveland Safe Kids
Basics of Fire Alarm Systems	UL
Consumer Product Safety Commission	NEOFPA
Ethics	Univ. of Cincinnati
Fire Department Disaster Planning	Univ. of Cincinnati
Fire Administration Personnel Management	Univ. of Cincinnati
EMS Political and Legal Litigation	Univ. of Cincinnati

Firefighter Joe Zuccaro

2015 Child Passenger Safety Seat Conference	Greater Cleveland Safe Kids
48 Hour Paramedic Refresher	CCF Fairview
N.O.T.S. (Northeast Ohio Trauma Symposium)	Cleveland Clinic

Benjamin Ovelgonne

Fire Origin and Cause (2 nd week of 80 hour course)	Tri-C
Fire Officer I	BGSU

Firefighter Pedro Garcia

Fire Officer I	Ohio Fire Academy
Fire ground Tactics	Columbia Southern
Fire Officer II	Ohio Fire Academy
Blue Card 50 Hr. Online Class (Incident Command)	Alan Brunacini

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Firefighter Matt Ziemba

Fire Officer I

Tri-C

Firefighter Eric Thompson

Emergency Services Leadership and Administration

Anna Maria College

English-Professional Writing

Anna Maria College

Human Resource Management for Emergency Services

Anna Maria College

Firefighter Tom Canitia

Rope Rescue Level II

Tri-c/Region 2 USAR

Firefighter Matt Simon

Cadaver Lab/Advanced Airway Procedures

Cleveland Clinic

Firefighter David Spraggins

Cadaver Lab/Advanced Airway Procedures

Cleveland Clinic

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2016 Statistics - Total Training Hours

Total number of training hours.....	5,570
Total number of hours of classes not taken at SEFD.....	1641
EMS training total hours.....	763
HASRT training total hours.....	153
Inspections and Preplanning total hours.....	72
Operational training.....	183
Primary and secondary topic total training hours.....	1143
Quick drill total hours.....	247
Conducting tours of area buildings.....	247
Inventories.....	17
Recruit training hours.....	84
Shift training hours.....	410
Computer based training.....	504

Heights Area Special Rescue Team



Overview

The South Euclid Fire Department is one of six area fire departments that comprise the Heights Area Special Rescue Team (HASRT). These departments are Beachwood, Cleveland Heights, Euclid, Shaker Heights, South Euclid and University Heights. Currently, there are 42 total members on the team with South Euclid providing six. The members that comprise the HASRT team are a group of highly motivated, action-oriented fire fighters who have all volunteered to be on the team. All HASRT 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,” HASRT 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 is 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

HASRT is overseen by the Chiefs of the six 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 HASRT team are overseen by the HASRT commander and are the responsibility of Battalion Chief Patrick Kehn of the Cleveland Hts Fire Department. Each member city also has a team leader who is responsible for organizing HASRT activity in their respective city. Team leaders attended approximately 4 hours of meetings during the year. Captain Paul Tepley is the South Euclid HASRT team leader.

Equipment

In 2015 the team made equipment purchases of additional gear for each member including new boots that were rated for all disciplines including structural collapse.

HASRT & 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 HASRT 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 is the South Euclid team member on the Region 2 strike team.

Training

HASRT continued to conduct its bi-monthly trainings, each focusing on one of the different rescue disciplines. All these trainings were conducted in conjunction with the Hilltech Technical Rescue Team because we are each other's back up. These joint trainings are beneficial because the members 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 team as a whole completed 180 total hours of special rescue training. By discipline, those hours break down as mentioned below.

<i>Discipline</i>	<i>Hours</i>
Rope Rescue	36 hours
Trench Rescue	48 hours
Confined Space Entry and Rescue	24 hours
Structural Collapse Rescue	42 hours
Heavy Equipment Rigging	30 hours

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The Hilltech Technical Rescue Team serves the cities of Beachwood, Village of Gates Mills, Highland Heights, Lyndhurst, Village of Mayfield, Mayfield Heights, Pepper Pike, Richmond Heights and Willoughby Hills.

The Region 2 team also funded a 3 day 30 hour Heavy Equipment Rigging Specialist class, conducted at the Operator Engineers training facility in conjunction with the Operator Engineers local. This class provided attendees instruction on how to request a crane to your site, interact with the crane operator, use chains, come-a longs, fabric hoists, and slings to rig very heavy, odd shaped objects to a crane and then using approved hand signals to direct the crane operator to lift and move the object off of a victim or out of the way so access can be gained to the trapped victim. This class was attended by Captain Paul Tepley.

The Region 2 team conducted a one day disaster callout drill to test the activation capabilities of the entire team. This drill was conducted at the Ravenna Arsenal. In attendance were limited amounts of members from the rescue teams from the 5 counties that make up the Region 2 team, Ashtabula, Lake, Geauga, Cuyahoga and Lorain County.

This was a simulated tornado event and was an attempt to cover all aspects of what would happen, beginning with the local fire department response, to the activation of HASRT, to the activation of the Region 2 team, and then the utilization of all aspects of our training. The exercise was observed and critiqued by local fire chiefs and the team commanders of the local rescue teams. Funding for this drill was also made possible from a grant secured by the Region 2 administration. This drill was attended by FF Joe Zuccaro. 9 hours total.

South Euclid HASRT 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

Retirements

After 19 years of dedicated service to the team and the surrounding communities, FF Joe Zuccaro retired from the team. Joe was one of the original members of the HASRT team and spent the last 4 years as the South Euclid Team Leader.

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Team Callouts in 2015

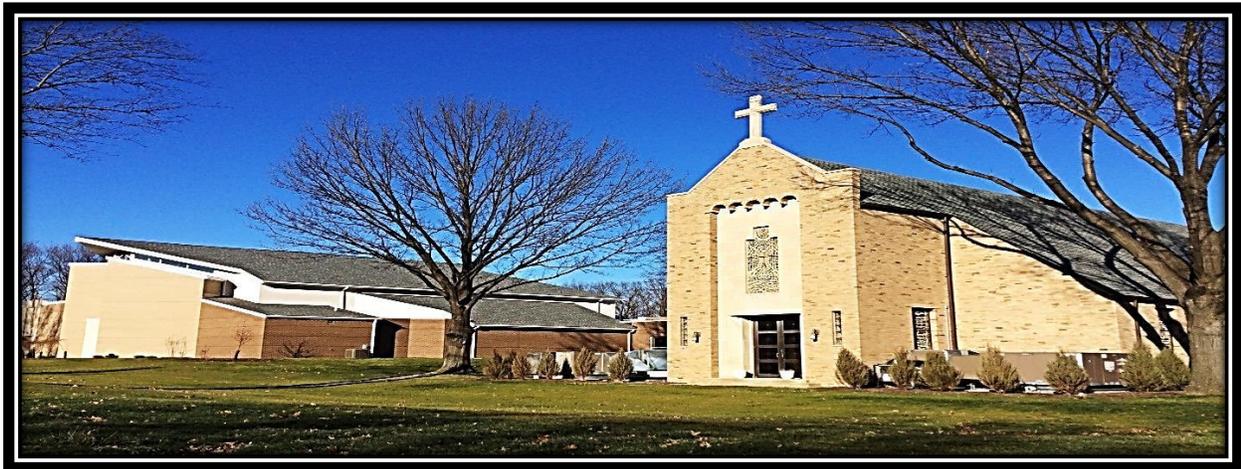
<u>Date</u>	<u>Time</u>	<u>HASRT Location</u>	<u>City</u>	<u>Reason</u>
Feb. 28	1716 hrs.	25874 Fairmount	Beachwood	Car into condo
May 5	2348 hrs.	3448 Fairmount	Cleveland Hts.	Car into house
May 10	0854 hrs.	2800 Hemlock	Willoughby Hills	Rope Rescue
May 12	1915 hrs.	14505 Button Rd	Walton Hills	Rope Rescue-dog
June 21	1721 hrs.	2058 Aldersgate	Lyndhurst	House Explosion-gas
June 28	2059 hrs.	Chagrin River	Willoughby	Kayak Rescue
July 14	1402 hrs.	2477 Cedarwood	Pepper Pike	Wall Collapse/flood
July 14	1710 hrs.	144 Elm Ct.	Chagrin Falls	Wall collapse/flood
July 24	1005 hrs.	2252 S Green Rd	University Hts.	Car into house
Sept. 9	0524 hrs.	13216 Cedar Rd	Cleveland Hts.	Car into building
Oct. 1	1217 hrs.	2285 Worrell Rd	Willoughby Hills	Man/tractor over cliff

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Fire Prevention Bureau **Scott Sebastian, Fire Inspector**

In 2015 we experienced another thrilling year for the fire prevention bureau and we continue to see many new businesses coming into South Euclid. The FPB plays an integral role in the planning and construction phase on any new businesses that come into the city. We work with the building department on making sure each new or remodeled building meets the Ohio Building Code.

In 2015, the South Euclid Congregational Church completed phase two of their renovation construction project. In 2015, phase two consisted of renovating the old Saint Margaret Mary church into a new fellowship hall, a large state-of-the-art sanctuary, and seven new Sunday school classrooms.



In 2015, some older vacant buildings were purchased and renovated. These new occupants were South Euclid True Value Hardware, Coffee Phix, Boost Mobile, Inner Healing Church and Glass Daycare.



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In the fall of 2015 the Cuyahoga County Public Library system transitioned from their building at 4645 Mayfield Road into their new home at 1876 South Green. This was a construction project that started at the end of 2014 and had its grand opening in October 2015.



Our Mission

The mission of the Fire Prevention Bureau is to continually implement the most effective ways of avoiding injuries and damage by fire. This is accomplished by maintaining a safe working and living environment for all of the business owners, residents, and patrons of our South Euclid businesses.

By doing this we stand by these three main goals:

- ❖ The first and most important goal of the Fire Prevention Bureau (FPB) is to prevent injury and loss of life due to fire. Human life and health always take top priority in an emergency.
- ❖ The second goal of the FPB is to prevent property damage. Though second to life safety, property damage should always be considered.
- ❖ The third goal of the FPB is continuity of operations. By preventing fires and limiting damage, we can assure that work operations will continue without interruption.

The most important reason for the FPB is to inspect all of our cities commercial buildings and businesses for compliance of National, State and Local fire safety regulations. The fact that we have an organized and functional Fire Prevention Program helps to lower the cities insurance rating set forth by the Insurance Services Office (ISO).

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2015 Annual Inspection Totals

In 2015 we continue to see the Fire Prevention Bureau's inspection numbers climb to record highs with an increase in inspections of 20.7 % from 2014 totals. In 2015 the FPB and shift firefighters certified as life safety Inspectors conducted a grand total of 1,728 fire safety inspections.

During those fire safety inspections, a total of 536 safety violations were found and 593 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, and University Suburban Health Center continue to maintain a large presence in the Fire Prevention Bureau. The inspections that are conducted consist of: quarterly, semi-annual, and annual fire safety inspections, semi-annual kitchen hood suppression tests, annual fire alarm system tests, and sprinkler suppression system tests.

Another section of inspections that are done annually by the FPB are Home Day Care inspections for the Department of Human Services, along with Foster Care and adoption inspections. In 2015, a total of 39 foster/adoption homes and 16 home day cares were inspected.

2015 Fire Prevention Inspection Statistics					
Types of Inspection Totals	FPB	A Shift	B Shift	C Shift	Total
Annual Occupancy Inspections	606	53	47	54	760
Follow-up Re - Inspections	304				304
New Occupant Inspections	39	Total Violations Found: 536			39
Life Safety Systems Inspections: Fire Alarm/ Kitchen Hoods/Sprinkler tests	296				296
Plans and Fire Permit Reviews	93	Total Violations Corrected: 593			93
Home Inspection: Foster/ Adoption/ Residential Daycare/ Senior	53				53
Quick Inspection or special occupant meeting	104				104
Construction Walk-through	79				79
Total	1574	53	47	54	1728

South Euclid Fire Department – 2015 Annual Report

2015 Public Education, Station Tours 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. These duties are conducted on a daily basis by the FPB and fire department members.

In 2015 the FPB participated in eight (8) community events. The residents were advised on the importance of having smoke alarms, carbon monoxide detectors, fire extinguishers, and home escape plans. The main event of the year was the South Euclid City Hall Open House on August 22.

This event had participation from all city departments. South Euclid Firefighters gave station tours, showed all of our fire apparatus, demonstrated an aerial ladder truck operation and taught volunteer citizens how to properly use a fire extinguisher.

Highlighted educational demonstrations were:

- ❖ The Aluminum Cans for Burn Children home safety trailer. Families walked through with a firefighter to identify and correct many home safety hazards.
- ❖ A Bullex Fire Extinguisher simulator
- ❖ Meet and Greet with Sparky the Fire Dog

For this event Cleveland Safe Kids provided 100 free smoke alarms to distribute to the community. I would like to personally thank Fire Chief Doug Stefko, 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 2016.

In 2015 with grant funding from Wal-Mart, we held a Fire Prevention Week student coloring contest; the schools were Adrian Elementary School and Rowland Elementary School. The top poster winner received a new bike and 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 city. 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. The students walk through the Fire Safety Trailer where they find hazards and explain how to correct them. The fire safety trailer is provided to us free of charge by the Aluminum Cans for Burn Children (ACBC).

The Fire Prevention Bureau also fields phone calls and requests to have department members and our fire apparatus attend their block parties. Fire Department Members attended 10 block parties and talked to over four hundred and fifty residents in 2015. In 2015 we also conducted 11 Fire Station Tours for our community day cares, pre-schools, and our local Boy's and Girl's Scout Troops.

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Associations

In addition to the required fire inspections that the Bureau does, the State of Ohio now requires all certified fire safety inspectors to have 10 hours of annual continuing education a year. A lot of these hours are obtained through the North Eastern Ohio Fire Prevention Association. The Assistant Chief and I are 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 safety issues or problems that members might be having within their own cities.

The North Eastern Ohio Fire Prevention Association holds a monthly business meeting on the first Monday of the month. 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.

Programs for South Euclid Seniors

Since 2004, the FPB 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, SEFD has given out over 1,913 free smoke detectors as well as passed out over 4,885 free replacement batteries. Without partnership with 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.

We currently have **81** seniors in our "Operation Save a Life" program. The database is updated monthly. Listed below is the total number of smoke alarms we have installed, along with the total number of batteries we replaced for our residence. Batteries were supplied to the FPB through a grant from the Energizer Corporation.

Smoke Detectors for Senior Citizens

	<u>2014</u>	<u>2015</u>
Installed Batteries	370	417
Installed Smoke Detectors	117	136

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Another program we provide to our residents is the residential lock box program. For this program we have teamed up with Roper Lock Box Company. The resident would first purchase the lock box from Roper. Once the resident receives the lock box they contact the FPB for an appointment to have it installed. During the installation we receive pertinent information from the resident, such as the location of the box and an emergency contact phone number for a friend or

relative. The information is given to the South Euclid Dispatch Center and entered into the CAD (computer aided dispatch) system and told to the fire department during their response to the resident.

In 2015 nineteen residents were added to the program. Once the installation is complete a life safety inspection is offered. The FPB performs an inspection looking for life safety concerns, give fall prevention tips and eliminate fire hazards. The FPB also will install or replace smoke alarms/batteries that may be found.

The FPB continues to work diligently on providing the best service to the businesses and the residents of South Euclid.

2015 Apartment Alarm Respond Statistics							
	No Reason Or Cause	Cooking	Workers	Shower Steam	Misc.	Total	% of Total
January	3	15	1	1	0	20	6.90%
February	3	7	4	3	7	24	8.28%
March	2	8	1	2	2	15	5.17%
April	5	9	1	3	0	18	6.21%
May	7	13	1	7	1	29	10.00%
June	9	15	2	7	2	35	12.07%
July	4	12	2	5	0	23	7.93%
August	2	17	2	4	0	25	8.62%
September	7	11	3	6	0	27	9.31%
October	5	15	2	2	0	24	8.28%
November	9	13	1	6	0	29	10.00%
December	5	10	4	1	1	21	7.24%
Total	61	145	24	47	13	290	
% of Total	21%	50%	8%	16%	4%		100%

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Fire Department Operations - Captain Ted Shoop, OFE

The South Euclid Fire Department responded to 3491 calls for service in 2015. 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, 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.

The response for a medical (EMS) emergency would be as follows:

Squad 341: (2) Two paramedics.

Car 353 - also referred to as the "chase car": (1) One paramedic/firefighter if the squad crew determines that the call can be handled appropriately by two paramedics, Car 353 would return to the fire station.

If a 2nd EMS call is received while squad 341 is committed, squad 342 would respond along with car 353.

Mutual aid would be requested for any call received while South Euclid equipment is committed and unable to respond.



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Fire Department Operations - Captain Ted Shoop, OFE

The response for a report of a house fire would be as follows:

Engine 312: (4) One officer, driver/operator and two firefighters.

Ladder 321: (2) One officer (or acting officer), driver/operator.

Squad 341: (1) One firefighter.

* On *confirmation* of a working (active) fire, the MABAS (mutual aid box alarm system) system would be activated. This provides additional equipment and personnel from neighboring cities. If the call is for a fire in a single family residence, a MABAS response would consist of an engine from University Heights, ladder trucks from Cleveland Heights and Lyndhurst, and a squad from Beachwood. Once all the necessary fire equipment/personnel are on the scene, fire department operations will typically fall into three major categories: Command, Engine Operations and Truck Operations.

Command: Command is typically responsible for the strategy, tactics, safety and communication of the incident. The command role is usually the shift officer-in-charge.

Engine Operations: The main responsibility of the engine crew is to secure a water supply and stretch fire hose to the fire area. While simultaneously extinguishing fire, the crew will search the fire area for victims and report to command. With seven members on duty, these tasks are performed by two or three personnel.

*NFPA 1710 recommends a safe engine company staffing level of four firefighters.



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Fire Department Operations - Captain Ted Shoop, OFE

Truck Operations: The main responsibilities of the truck crew are to force entry if needed, search for victims and ventilation of the fire building. Truck operations at times require the use of ladders. Truck 321 is equipped with a 78' truck mounted ladder and various ground ladders.



Truck 321

Training At Notre Dame College

South Euclid Fire Department – 2015 Annual Report

Emergency Medical Services – Lt. Greg Duy

Emergency Medical Services in the City of South Euclid accounted for a total of 2,245 calls in 2015. This was 70% of the total call volume for the fire department. It was also an increase of 3% from 2014 and 6% from 2013. Of those 2,245 medical incidents 1,572 patients were transported to the hospital. The remaining patients either refused transport or transport was unnecessary. Below is the total of transports to each hospital.

Patient Transport Count per Destination for Date Range

Start Date: 01/01/2015 | End Date: 12/31/2015

HOSPITAL DESTINATION	# TRANSPORTS
Ahuja Medical Center	130
Cleveland Clinic	118
Euclid Hospital	20
Healthspan	6
Hillcrest Hospital	873
Kaiser Hospital	6
Richmond Medical Center	77
Southpointe Hospital	20
University Hospital Health Systems	322

The South Euclid fire Department has the ability to staff two advanced life support ambulances. This is done with the first out ambulance 341, while the second ambulance is 342. When either of the two frontline ambulances is in need of repair or preventative maintenance, the reserve ambulance 343 is used in its place. Each ambulance is equipped with heart monitors, supplies and medications to handle a multitude of medical emergencies. Some of these supplies were updated in 2015 through the help of increased grant funds. Through these funds, the fire department was able to update pediatric equipment for both ambulances. In addition, dedicated trauma kits able to better care for severe injuries were also added to both ambulances. The fire department is always seeking better equipment and methods in providing emergency medical services to the residents and visitors of South Euclid.

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Paramedics who work for the South Euclid Fire Department are Firefighter/Paramedics as are most of the paramedics in our surrounding communities. Paramedics are the highest trained emergency medical responders. SEFD firefighters who are not trained as paramedics are trained as Emergency Medical Technicians.

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 at the ready in the ER.

Community Paramedicine has been a relevant topic in Emergency services for the past several years. Community Paramedicine addresses the rising cost of healthcare by providing a holistic approach to treatment delivery involving all community stakeholders. It is the intent of the South Euclid Fire Department to participate in a pilot Paramedicine delivery model in 2016. This will allow the fire department to explore the different aspects of community Paramedicine and observe which approaches will best work for our residents. The South Euclid Fire Department will continue to stay knowledgeable on the topic of Paramedicine. We will also strive to provide the most current standards of emergency medical services for the citizens of the City of South Euclid in the future as it has done in the past.

South Euclid Fire Department – 2015 Annual Report

Health and Wellness Program – FF Eric Thompson

The Fire Service is a profession that is rooted in deep traditions and honor. One of those traditions 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 medical screenings are based on the Hospital and Health Center based service model.

Throughout the history of the fire service, health and wellness has become more of a priority due to a number of factors. The fire service has always been known for its' strong and brave members, but also for its' nice, hearty meals prepared by the department's cooks. Keeping the members strong and satisfied has always been a goal of the cook. However, these meals are not always without consequence. 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 prevent heart disease, not just for fire fighters, but for the population as a whole.

The National Fire Protection Association (NFPA) put together a set of recommendations for health related fitness programs as it relates to 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 Fire Department uses NFPA 1583 and the International Association of Fire Fighters/Fire Chiefs Wellness-Fitness Program as its 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 Peer Fitness Trainer who conducted the annual fitness assessments for 2015. 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 as any recommendations to be made in order to improve their overall health. The goal of these tests is to increase overall health and fitness while decreasing or eliminating unhealthy trends.

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In 2015, all but three members participated in the fitness assessment. These members did not participate in the program because they were hired on to the department after these assessments were conducted. So, the results are not necessarily a true reflection of the department, but it is close. Some of the results from the assessments are as follows:

	2009	2012	2015
Average Age (yrs.)	43.17	39.43	41.03
Total Body Weight (lbs.)	197.54	197.67	198.43
% Body Fat	11.16	17.10	10.35
Body Mass Index (BMI)	30.64	27.80	27.91
Grip Strength (in psi)	57.50	59.60	61.8
Biceps Curl (in lbs.)	109.31	115.7	111.17
VO2 Max (in)	35.05	42.97	43.81

These results show that the Fire Department is slightly older and heavier than in it was in 2012. However, because the department as a whole is heavier, it does not mean that it is not as healthy. The results also show that the department’s overall body mass index is almost the same as in 2012, the fat percentage is down, and its’ VO2 max, or aerobic capacity, has increased slightly. These results are very encouraging. The department has had a few retirees since 2012 and has added some new members to the roster. Some of these new hires have not been as young as in the past which in turn has not driven down the overall age, as seen in years past. But, these results accurately depict the changes and mindsets of the department’s commitment to health and wellness. Through the continuation of the Health and Wellness Program, the department can expect to see even more positive changes not only throughout this Department, but the fire service as a whole.

Table 19–2. Standard Values for $\dot{V}O_{2max}$ in mL/kg/min*

Rating	Age (yrs)				
	20–29	30–39	40–49	50–59	60+
Men					
Excellent	>51	>48	>46	>42	>40
Good	49–51	46–48	44–46	40–42	38–40
Average	42–48	39–45	37–43	33–39	31–37
Fair	39–41	36–38	34–36	30–32	28–30
Poor	<39	<36	<34	<30	<28

Table 19–3. Standard Values for Percent Body Fat

Rating	Age (yrs)				
	20–29	30–39	40–49	50–59	60+
Men*					
Excellent	<11	<12	<14	<15	<16
Good	11–13	12–14	14–16	15–17	16–18
Average	14–20	15–21	17–23	18–24	19–25
Fair	21–23	22–24	24–26	25–27	26–28
Poor	>23	>24	>26	>27	>28

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Child Passenger Safety Seat Program

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/ Safe Communities organization for 16 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 1500 car seats. 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 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.

When our technicians help a parent with a car seat installation, it takes about 30 to 45 minutes or longer depending on how easily the person grasps the information. We are using this time to educate the parent on the safest place to put the car seat, the different options available to them to secure the seat and how tight it should be secured. We also educate them on how to secure the child into the seat, and also specifics about their seat.

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. This year both technicians attended the update satisfying this year's continuing education requirement.

Child Passenger Safety Facts

Motor vehicle crashes are the leading cause of death among children ages 3 to 14. Correctly used child safety seats are extremely effective and reduce the risk of death as much as 71%. Using the safety seat also reduces ejection from the vehicle, which is a contributor to these deaths.

Nearly 73% of child restraints are **not** installed or used correctly.
Nearly half of children age 14 and under who died in crashes were completely unrestrained.

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By the Numbers Deaths of children left alone in hot cars

- **2015:** 24
 - **2014:** 31
 - **2013:** 43
 - **2012:** 34
 - **2011:** 33
 - **2010:** 49
- these deaths are totally preventable. If the person exiting the vehicle takes a few seconds to check the back seat of the vehicle before exiting they will notice the child.

Details are available at <http://noheatstroke.org>.

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)

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).

Statistics

In 2015 the South Euclid fire department installed or checked the installation of 43 car seats, 21 of these were for South Euclid residents. The remaining 22 were divided among 9 other cities. These cities ranged from our direct neighbors on all sides to others further away with the furthest being Alaska. This represents approximately a 20% increase from 2014.

All the seats that were checked in 2015 were done while on duty in between responding to calls or at the end of the day after Inspector Sebastian completed his daily duties.

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. The South Euclid Car Seat Program Phone Number is 216-691-7273.

Respectfully submitted
Joe Zuccaro

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, a loss of life or a large dollar loss has occurred, the South Euclid Fire Investigation Unit (FIU) is called upon to conduct a fire origin and cause investigation.

In 2015, the South Euclid Fire Investigation Unit consisted of Fire Inspector Scott Sebastian, Lieutenant Geff Turchon, Fire Fighter Sean Patitucci, Fire Fighter Ben Ovelgonne, Fire Fighter Tom Henry, South Euclid Police Detective's Lieutenant Ben Parisi and Detective Dave Volek. 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, and Pepper Pick FD. 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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2015 Fire Investigations

In 2015, the South Euclid Fire Investigation Unit was called out to investigate eight (8) fires in South Euclid. South Euclid FIU was called seven (7) times to assist the Hillcrest Regional Fire Investigation team with large fires in our neighboring communities. South Euclid FIU called the Hillcrest Regional FIU to assist us with two (2) fire investigations.

<u>Date</u>	<u>Alarm</u>	<u>Location</u>	<u>Type and Cause</u>
01/08/2015	#15 - 0064	499 South Belvoir	Residential Exterior Electrical Fire

Cause Determination: Accidental

Lead investigator: Scott Sebastian



<u>Date</u>	<u>Alarm</u>	<u>Location</u>	<u>Type and Cause</u>
02/04/2015	#15-0326	4331 West Anderson	Kitchen Grease Fire

Cause Determination: Accidental

Lead investigator: Scott Sebastian



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<u>Date</u>	<u>Alarm</u>	<u>Location</u>	<u>Type and Cause</u>
02/06/2015	#15 -0343	1100 South Green	Garage Fire: Electrical Fire

Cause Determination: Unintentional

Lead investigator: Geff Turchon



<u>Date</u>	<u>Alarm</u>	<u>Location</u>	<u>Type and Cause</u>
05/25/2015	#15 – 1314	1777 Donwell Drive	Residential Garbage Fire

Cause Determination: Accidental

Lead investigator: Sean Patitucci



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<u>Date</u>	<u>Alarm</u>	<u>Location</u>	<u>Type and Cause</u>
08/18/2015	#15 - 2176	4505 Telhurst	Residential Basement Fire

Cause Determination: Undetermined: Electrical

Lead investigator: Geff Turchon



<u>Date</u>	<u>Alarm</u>	<u>Location</u>	<u>Type and Cause</u>
09/18/2015	# 15- 2462	1868 Warrensville Center	Mercantile Arson fire

Cause Determination: Intentional

Lead investigator: SEPD Detective: Dave Volek



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Date	Alarm	Location	Type and Cause
09/27/2015	# 15- 2576	13937 Cedar Road	Commercial garbage fire

Cause Determination: Accidental

Lead investigator: Scott Sebastian



Date	Alarm	Location	Type and Cause
11/15/2015	# 15- 3062	1004 Argonne Road	Residential Garage Fire

Cause Determination: Accidental

Lead investigator: Scott Sebastian



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Hydrants- Inspector Scott Sebastian

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 a structure/commercial fire completely. This is where fire hydrants come in to play. We currently have 1069 city hydrants and 39 private hydrants in South Euclid. City hydrants are maintained by the Cleveland Water Department and tested by the South Euclid Fire Department. Private hydrants are maintained by the private owners. We test all hydrants once a year, every year usually in the month of May.

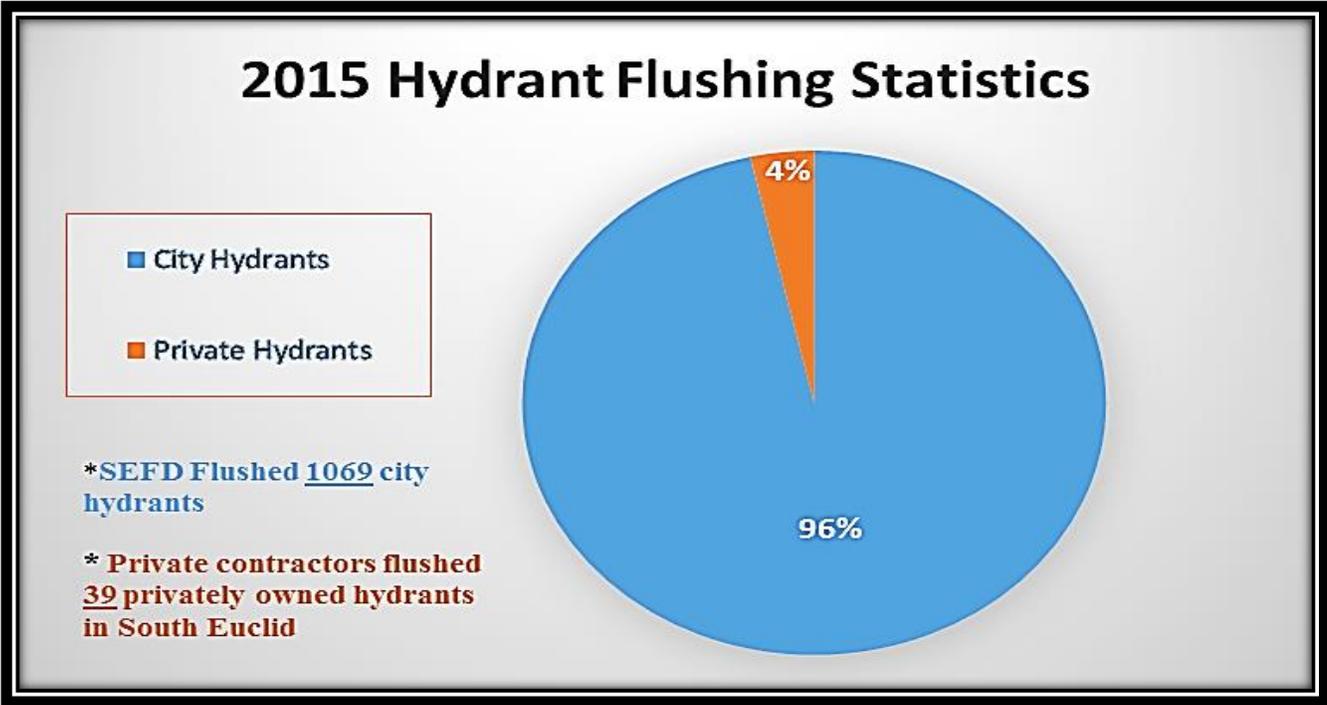
This is done by on duty personnel. We divide the city into 3 equal areas and each shift is responsible for their own area. We test hydrants to check for potential problems, some of which may include the following:

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

In 2015 SEFD started a hydrant fire flow testing program that will flow test 20% of our city streets each year. Over the course of five years all of the South Euclid cities streets will have been flowed to show the proper gallons per minute of maximum fire flows. In addition to determining fire flows, testing can uncover a number of mechanical problems from valves that don't operate properly to leaks and even pump damaging debris flowing from hydrants. It is imperative that we discover problems and get them repaired before the hydrant is needed in an emergency. Damaged or inoperable hydrants are reported to Cleveland Water and they will conduct the repairs.

South Euclid Fire Department – 2015 Annual Report

Flow test data also provides necessary field information so that the fire department can accurately estimate the capabilities of our current water mains. Water main and hydrant flow capabilities impact decisions as to what fire protection and fire resistance features are required for new developments and where priorities should be placed with respect to upgrading older, smaller water mains.



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Fire Department Hose – Lt. 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 type. 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. This past year a hose replacement plan was submitted to the Fire administration. We have 11,350 feet of hose between our trucks and reserve hose. This coming year we will be submitting a grant for fire hose. This will allow us to replace the outdated supply of hose we currently have.

Fire Department Quarters – Lt. 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 enough to have three projects completed. First we had the countertops and sinks in our restrooms replaced. The counter tops that were replaced may have been the original countertops from when the station was built. We also had our shower repaired and retiled. This major improvement now allows us to use all the shower heads and it stops the leaks into the first floor offices. We also had our entry doors replaced and new combination locks were added. This allows the station to be more secure. The 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 need of a remodel and major repairs.

South Euclid Fire Department – 2015 Annual Report

Self-Contained Breathing Apparatus (SCBA) – Lt. Arth

An SCBA (self-contained breathing apparatus) is one of a firefighter's most valuable pieces of equipment. It allows them to breath in hazardous atmospheres. The unit is made up of three main components. They are the harness, the face piece, and the air bottle. Each piece of the SCBA has different tests that it must pass every year in order for it to remain in service.

The Harness is comprised of a frame, shoulder straps, various hoses, gauges, a down firefighter alarm, and a regulator. The harness is donned over the head or put on like a backpack. The shoulder straps are tightened and a waist strap is buckled like a seat belt and tightened to carry most of the weight of the unit. Every year (usually in April) the unit needs to be "bench tested". Our department contracts out to come and perform the test. Among other things this test ensures that all the straps are in good condition, that all the gauges are correct, and that the hoses will not fail when under pressure. The test also ensures that the regulator is working correctly. This regulator has demand valve and it allows the firefighter to get air when he inhales. If this valve fails the firefighter will not be able to get the fresh air he needs in a toxic environment

The face piece is made up of a plastic shield, a rubber seal, and netting and straps. The face piece also has an external voice amplifier. The netting goes over the head and is affixed to the rubber seal; straps are pulled and hold the mask to the firefighters face. Each firefighter has their own face piece, and it is their responsibility to keep them cleaned and maintained. It has been found that this is the most vulnerable part of the firefighting ensemble. With this in mind two tests are conducted on it annually in addition to the firefighter daily inspection. A fit test is performed in order to ensure that the mask still fit properly and no toxins can be breathed in. In addition to this test all masks are tested at the time the harnesses are tested to make sure there are not any imperfections such as crazing (a network of fine cracks that indicates fracture or failure of the mask is imminent).

The final component of the SCBA is the air bottle. Our department uses a SCOTT 30-minute air bottle. The bottles are made of a carbon fiber material. They are visually inspected daily by the firefighters and every five years need to be sent out to be hydrostatically tested. Warren Fire is contracted for this test. The bottles have a life span of 15 years and this year about 20 bottles will be coming to the end of their life span. When full the bottles contain 4500 psi of breathing air. When this air is expended the bottles can be filled by a mutual aid air truck on scene, or more likely brought back to the station to be filled by our air compressor. Our compressor is a Stark/Bauer, K-14. The unit is serviced every year by Breathing Air Systems. In addition to this an air sample has to be taken twice a year (February and November) to ensure that breathing quality air is being put into the air bottles. Our compressor is 27 years old and will likely need to be replaced within the next couple of years.

South Euclid Fire Department – 2015 Annual Report

Personal Protective Equipment – Lt Arth

The firefighting personal protective ensemble includes a fire helmet, a turnout coat, turnout pants, boots, gloves and a nomex hood. When the gear is worn correctly and together with the SCBA and mask there is not an uncovered area on the firefighter's body. The gear protects the firefighter from heat, products of combustion and from some other toxins. The gear is inspected twice a year, (March and September). When worn or ten years old the gear needs to be replaced. This year four new sets of turnouts were purchased. One set was our previous Morning Pride Specification. The last three sets the specifications were changed due to firefighter concern about fit. Our current manufacturer is Globe.

We began tracking our gear a new way this year. We are using a module on our current reporting system. It is a user friendly, comprehensive way to keep compliant with NFPA recommendations on tracking our gear cleaning, and repairs.

Miscellaneous Fire Equipment – Lt Arth

In the performance of our duties firefighters use a wide variety of tools. Some of these tools include Thermal Imaging Cameras, axes and many others. One of our department's larger purchases this year at a cost of \$2009 was a Sensit Gold G2- Four Gas Meter. This was put into service on March 1, 2015. It is the same meter that the employees of the gas company use. The gases detected by the unit are Oxygen, Carbon Monoxide, Natural Gas, and Hydrogen Sulfide. Last year the department responded to over 100 calls for emergencies that were reported as gas leaks, carbon monoxide alarms, or odors in the air. This device allows us to not only determine if there is a problem but in most cases also helps us pinpoint the exact location of the problem.



South Euclid Fire Department – 2015 Annual Report

EMS Charges and Payments Received Summary

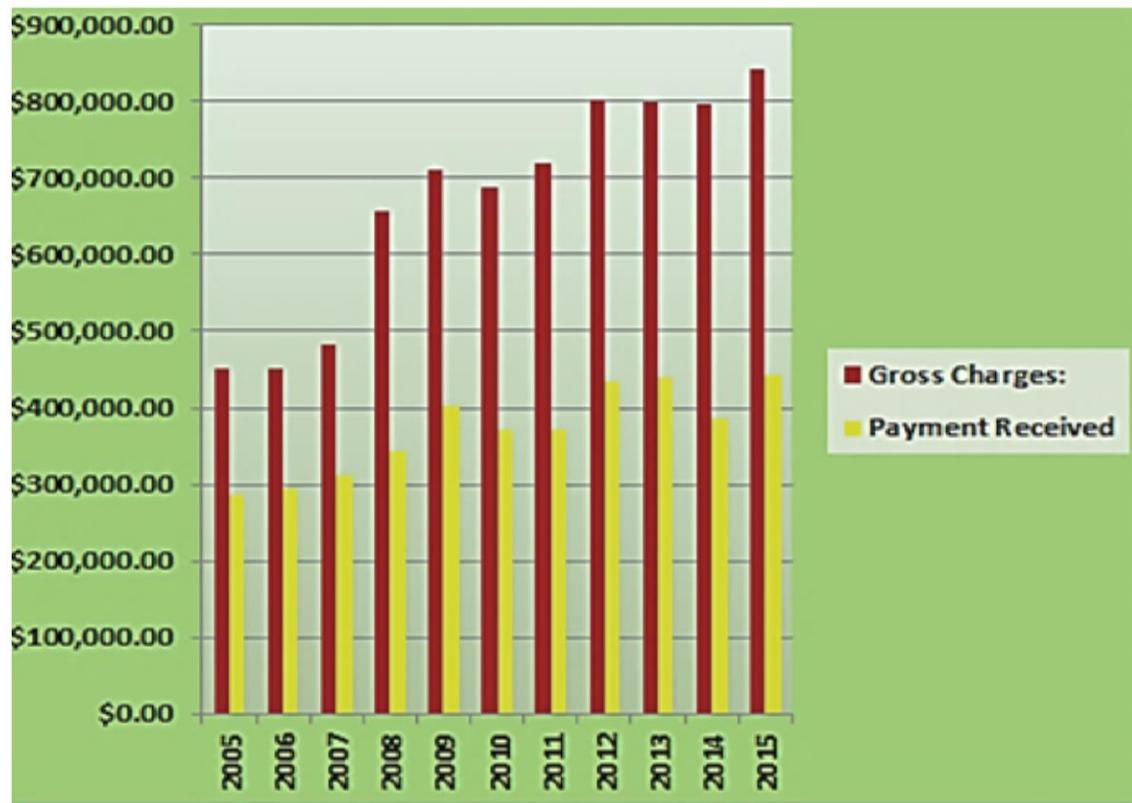
Asst. Chief David Csire

The South Euclid Fire Department bills patients that are transported to the hospital. The first \$225,000.00 that is collected is deposited in the Safety Forces Vehicle Fund as per ordinance 08-01 passed in September 24, 2001. Patients that are transported to the hospital are billed \$400.00 for BLS (Basic Life Support) and \$550.00 for ALS (Advanced Life Support) and transport mileage.

Month	Total Charges:	Payment Received:
January	\$75,296.00	\$46,073.28
February	\$56,505.00	\$40,728.16
March	\$80,031.00	\$28,914.53
April	\$62,599.00	\$27,770.65
May	\$63,743.00	\$36,015.76
June	\$72,597.00	\$33,820.09
July	\$68,571.00	\$40,641.61
August	\$82,359.00	\$37,934.84
September	\$65,808.00	\$41,325.16
October	\$68,685.00	\$37,572.22
November	\$72,242.00	\$36,002.20
December	\$75,270.00	\$36,629.76
Annual Totals:	\$843,706.00	\$443,428.26
2015 Monthly Averages:	\$70,308.83	\$36,952.36

South Euclid Fire Department – 2015 Annual Report

South Euclid EMS Annual Charges and Payment Received Summary 2005 to 2015		
Service Year	Gross Charges:	Payment Received
2005	\$450,063.00	\$285,764.33
2006	\$452,244.00	\$293,568.91
2007	\$484,114.50	\$312,729.23
2008	\$657,620.00	\$343,859.33
2009	\$709,930.00	\$402,604.44
2010	\$687,370.00	\$372,061.42
2011	\$720,291.00	\$371,642.48
2012	\$803,003.00	\$435,409.12
2013	\$799,115.00	\$439,742.25
2014	\$797,466.00	\$385,393.94
2015	\$843,706.00	\$443,428.26



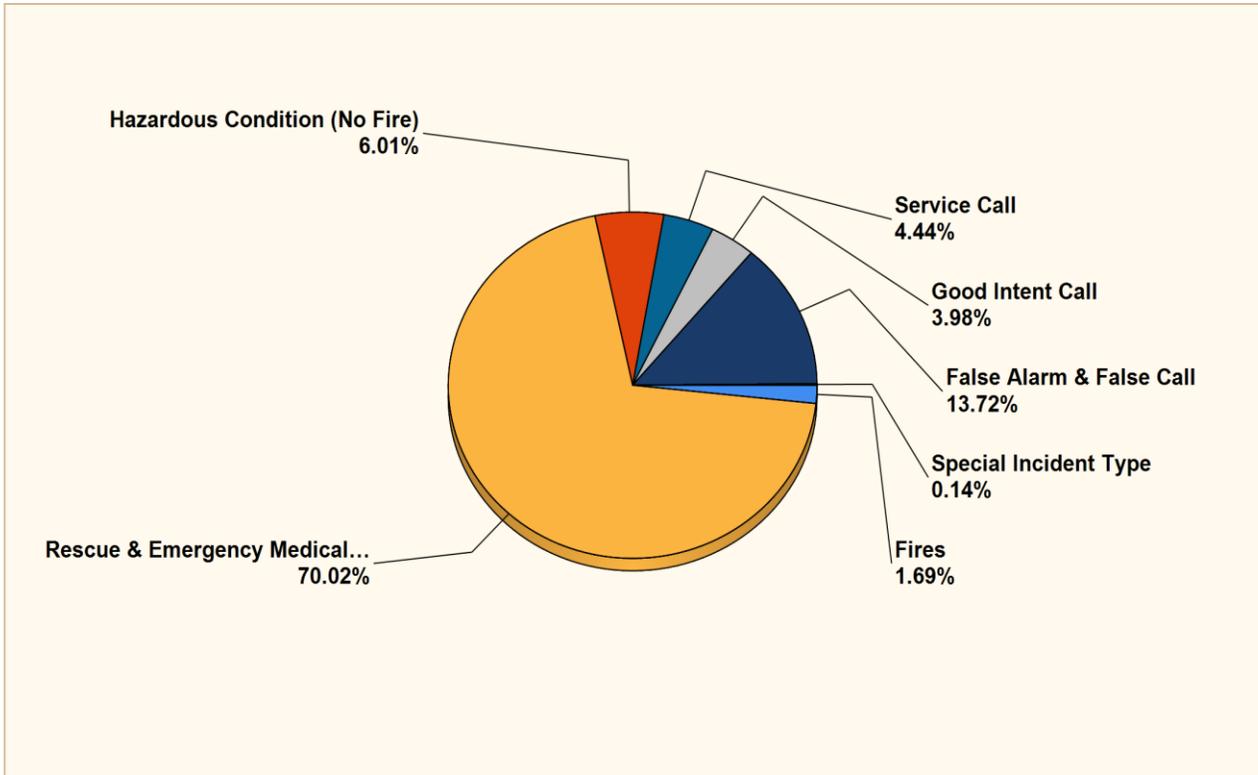
South Euclid Fire Department – 2015 Annual Report

General Statistics

- * In 2015, The South Euclid Fire Department responded to 3,491 Emergency Calls for service.
- * This represents a 3.2 percent increase from 2014.
- * There were no fire fatalities in 2015.
- * There was one civilian injury in 2015. The injury was to a female that tripped and fell.
- * Busiest day of the week in 2015 was Monday (542) and Saturday (471) was the slowest.
- * Total property & contents loss in 2015 was 193,850. This was down from 420,480 in 2014.
- * SEFD Responded to 24 structure fires.
- * Crews from SEFD responded to 2,425 medical emergencies.
- * SEFD responded to other cities request for Automatic or Mutual Aid 145 times in 2015.
- * We received Automatic or Mutual Aid 93 times in 2015.
- * SEFD members have a total of 427.6 years of service.
- * Average number of years of service is 13 with a high of 32 and a low of 2 months.
- * Average response time from receipt of call to arrival on-scene is 5:13 minutes.
- * In SEFD the average time on scene for all types of calls was 14 minutes and 34 seconds.
- * Fire Department expenditures for 2015 were \$4,235.119.
- * Cost per incident was \$1,213. This is an 81 dollar increase from 2014.
- * Per capita cost per day, fifty two cents.

South Euclid Fire Department – 2015 Annual Report

Type of call by Percentage



MAJOR INCIDENT TYPE	# INCIDENTS	% of TOTAL
Fires	59	1.69%
Rescue & Emergency Medical Service	2445	70.02%
Hazardous Condition (No Fire)	210	6.01%
Service Call	155	4.44%
Good Intent Call	139	3.98%
False Alarm & False Call	479	13.72%
Special Incident Type	5	0.14%
TOTAL	3492	100.00%

South Euclid Fire Department – 2015 Annual Report

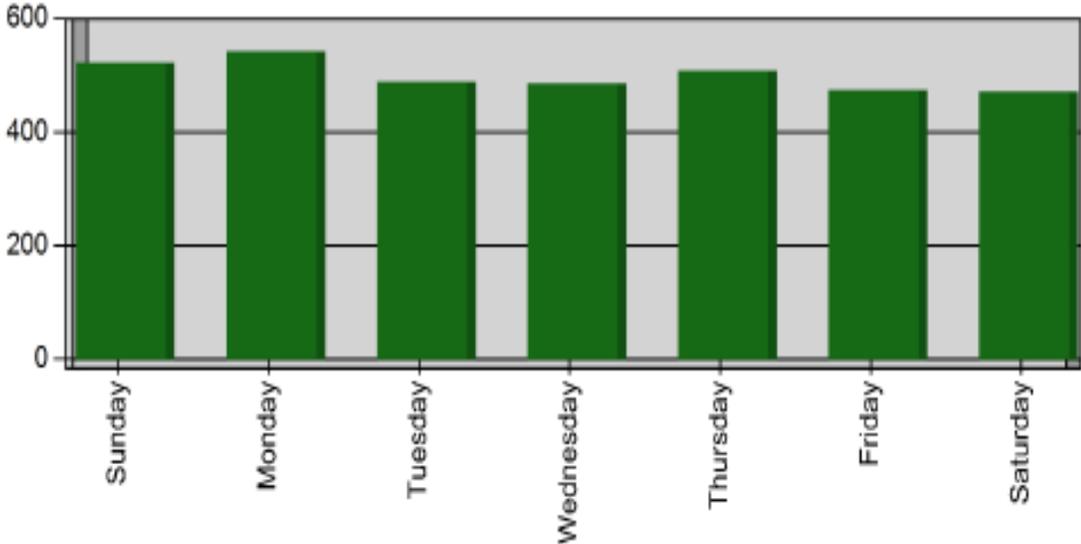
Incident Count by Weekday and by Hour

Monday was busiest Day & Noon was the busiest Hour

Hour	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Hour	Total per	Percent
00:00	17	16	16	20	15	14	18	00:00	116	3.32%
01:00	14	14	12	11	14	6	18	01:00	89	2.55%
02:00	18	9	7	14	4	9	15	02:00	76	2.18%
03:00	6	7	8	10	12	4	10	03:00	57	1.63%
04:00	14	8	9	13	7	5	11	04:00	67	1.92%
05:00	16	10	12	7	15	6	3	05:00	69	1.98%
06:00	11	12	15	12	10	10	6	06:00	76	2.18%
07:00	17	20	15	13	17	11	7	07:00	100	2.86%
08:00	17	29	25	20	21	21	12	08:00	145	4.15%
09:00	16	22	24	27	30	29	23	09:00	171	4.90%
10:00	23	28	26	24	22	31	27	10:00	181	5.18%
11:00	23	31	28	27	26	37	30	11:00	202	5.78%
12:00	30	32	33	29	33	36	26	12:00	219	6.27%
13:00	17	31	32	30	31	27	29	13:00	197	5.64%
14:00	29	29	32	28	25	22	26	14:00	191	5.47%
15:00	29	27	21	23	34	20	23	15:00	177	5.07%
16:00	41	26	17	33	30	35	23	16:00	205	5.87%
17:00	25	33	27	16	28	30	25	17:00	184	5.27%
18:00	20	38	30	17	25	35	25	18:00	190	5.44%
19:00	23	28	20	30	30	20	32	19:00	183	5.24%
20:00	32	27	23	28	31	17	23	20:00	181	5.18%
21:00	34	27	24	20	16	17	22	21:00	160	4.58%
22:00	27	21	15	14	19	18	17	22:00	131	3.75%
23:00	23	17	18	20	13	14	20	23:00	125	3.58%
Total Responses for Day	522	542	489	486	508	474	471	Total	3492	100.00%
% of Responses for Day	7.85%	7.01%	6.75%	6.79%	6.69%	7.81%	6.79%			
% of Responses for Week	14.95%	15.52%	14.00%	13.92%	14.55%	13.57%	13.49%			

South Euclid Fire Department – 2015 Annual Report

Calls By the Day of the Week

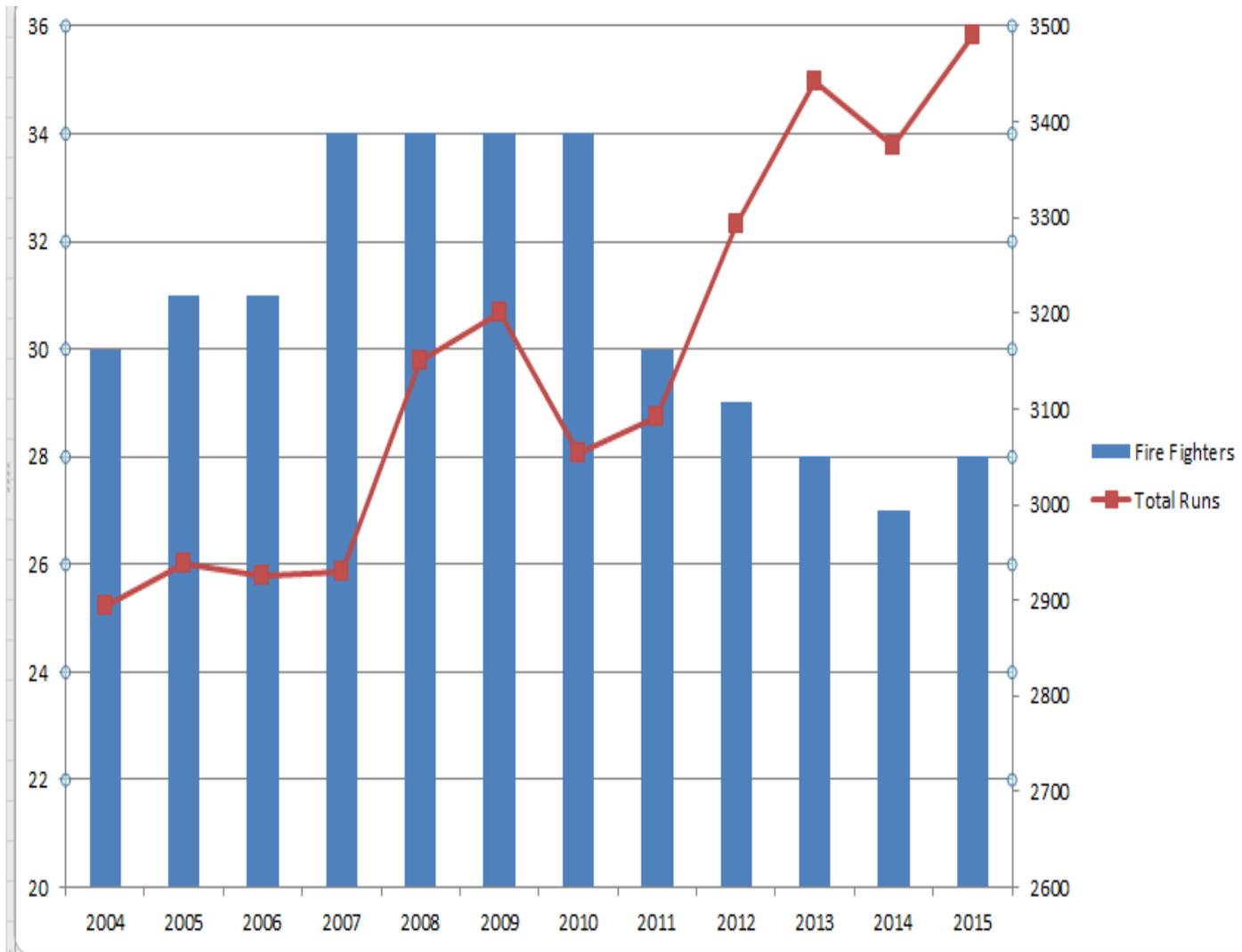


DAY OF THE WEEK	# INCIDENTS
Sunday	522
Monday	542
Tuesday	489
Wednesday	488
Thursday	508
Friday	474
Saturday	471
TOTAL	3492

Call Volume & Total Staffing By Year

(2004-2015)

(Line Staffing Only)



South Euclid Fire Department – 2015 Annual Report

Count of Days with Same Incident Count 2015

Total Calls 3491 (Average of 9.56 per Day)

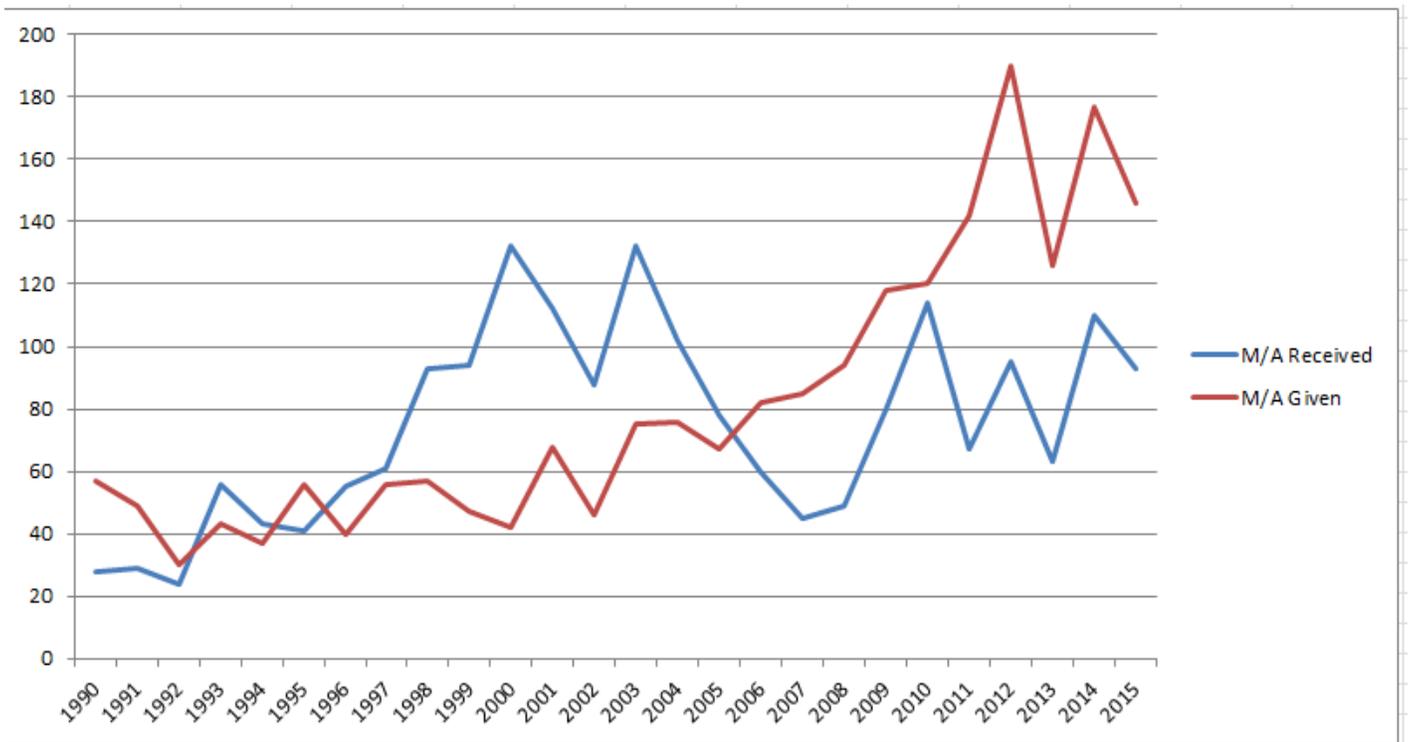
INCIDENTS PER DAY	COUNT OF DAYS
2	2
3	4
4	9
5	13
6	25
7	43
8	55
9	39
10	36
11	39
12	32
13	33
14	15
15	9
16	5
17	3
18	2
19	1

South Euclid Fire Department – 2015 Annual Report

Mutual Aid Received & Given by Year

Year	Runs	M/A Received	M/A Given
1990	2042	28	57
1991	2192	29	49
1992	2318	24	30
1993	2589	56	43
1994	2402	43	37
1995	2833	41	56
1996	3171	55	40
1997	2684	61	56
1998	2643	93	57
1999	2882	94	47
2000	2991	132	42
2001	2761	112	68
2002	2882	88	46
2003	3056	132	75
2004	2894	102	76
2005	2938	78	67
2006	2926	60	82
2007	2929	45	85
2008	3139	49	94
2009	3200	80	118
2010	3054	114	120
2011	3091	67	142
2012	3293	95	190
2013	3441	63	126
2014	3375	110	177
2015	3491	93	146

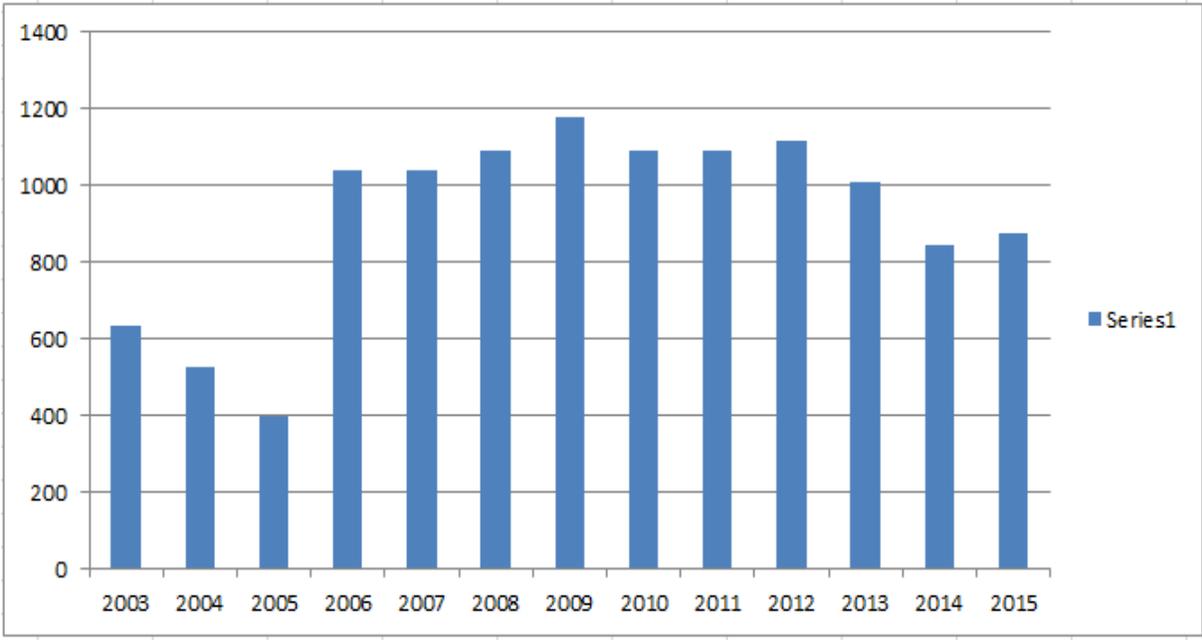
- Aid Given To:**
- Cleveland Heights – 48
 - East Cleveland – 4
 - Euclid – 8
 - Lyndhurst – 22
 - Mayfield Hts. – 2
 - Shaker Hts. – 1
 - University Hts. – 47
 - Willoughby Hills – 1
 - Richmond Hts. – 7
 - HASRT Calls – 11



South Euclid Fire Department – 2015 Annual Report

Overlapping Calls

In 2015 was had 3,491 calls and 876 were overlapping which was 25.09% of the time



South Euclid Fire Department – 2015 Annual Report

Total Calls per Year Including EMS Calls with Transport

(1990 – 2015)

Year	Runs	EMS Calls	Transport
1990	2042	1403	1020
1991	2192	1408	983
1992	2318	1418	961
1993	2589	1565	1056
1994	2402	1552	1077
1995	2833	1698	1158
1996	3171	1858	1094
1997	2684	1640	1086
1998	2643	1685	1131
1999	2882	1872	1186
2000	2991	1979	1292
2001	2761	1928	1236
2002	2882	1950	1225
2003	3056	2004	1213
2004	2894	1888	1107
2005	2938	1855	1142
2006	2926	1887	1156
2007	2929	1880	1157
2008	3139	1933	1223
2009	3200	2093	1320
2010	3054	1983	1273
2011	3091	2124	1353
2012	3293	2327	1473
2013	3441	2174	1488
2014	3375	2284	1499
2015	3491	2445	1576

South Euclid Fire Department – 2015 Annual Report

Calls with a Dollar Loss

Detailed Losses For Date Range
Start Date: 01/01/2015 | End Date: 12/31/2015

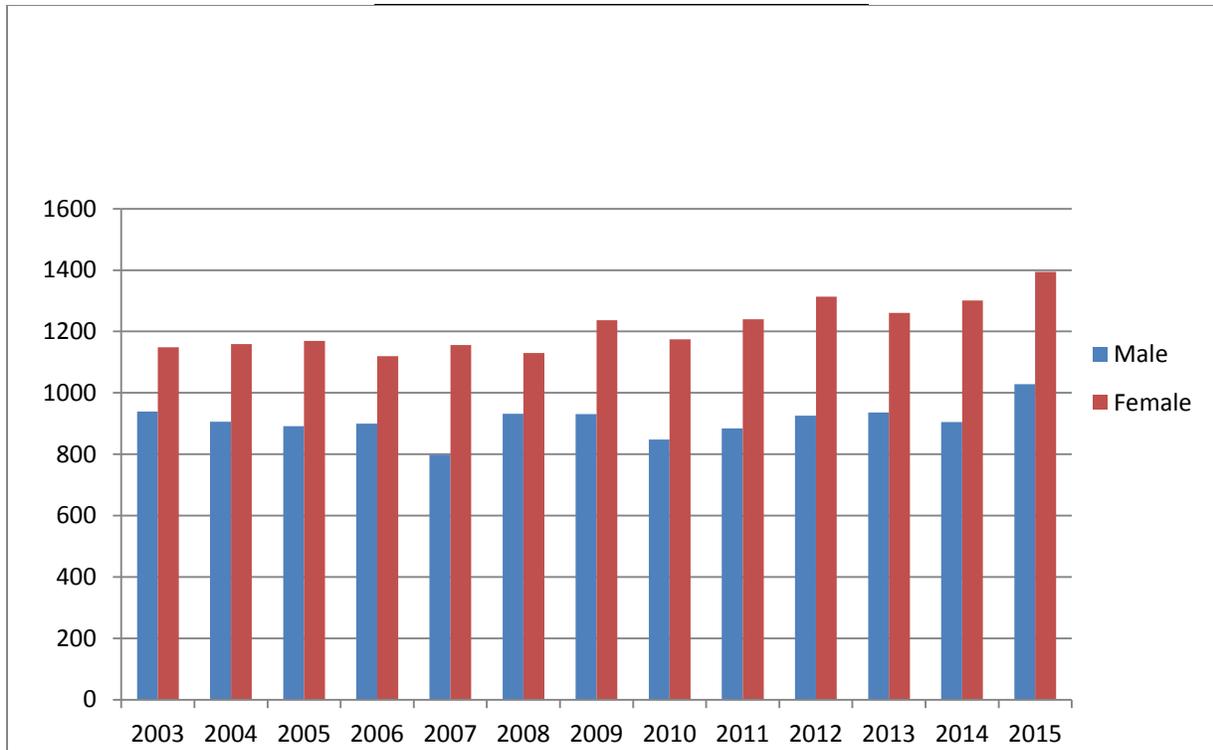
# INCIDENTS	TOTAL PRE-INCIDENT PROP. VAL.	TOTAL PRE-INCIDENT CONT. VAL.	TOTAL PRE-INCIDENT VAL.	AVG. VAL.	TOTAL PROP. LOSS	TOTAL CONT. LOSS	TOTAL LOSSES	AVERAGE LOSS
20	\$1,610,700.00	\$153,250.00	\$1,763,950.00	\$1,618,362.00	\$157,800.00	\$36,050.00	\$193,850.00	\$9,692.00

INCIDENT #	DATE	TYPE	LOCATION	PRE-INCIDENT PROPERTY	PRE-INCIDENT CONTENTS	PRE-INCIDENT TOTAL	PROP. LOSS	CONT. LOSS	TOTAL
2015-0064	01/06/2015	112 - Fires in structure other than in a building	499 S Belvoir BLVD South Euclid (Bluestone)	\$300.00	\$0.00	\$300.00	\$300.00	\$0.00	\$300.00
2015-0175	01/18/2015	131 - Passenger vehicle fire	257 S Green RD South Euclid (Bluestone)	\$500.00	\$0.00	\$500.00	\$500.00	\$0.00	\$500.00
2015-0326	02/04/2015	111 - Building fire	4331 W Anderson RD South Euclid (Bluestone)	\$75,000.00	\$25,000.00	\$100,000.00	\$35,000.00	\$15,000.00	\$50,000.00
2015-0343	02/06/2015	111 - Building fire	1100 S Green RD South Euclid	\$20,000.00	\$10,000.00	\$30,000.00	\$1,000.00	\$3,000.00	\$4,000.00
2015-0466	02/18/2015	131 - Passenger vehicle fire	3993 Lancaster RD South Euclid (Bluestone)	\$2,500.00	\$0.00	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00
2015-0497	02/21/2015	131 - Passenger vehicle fire	13971 Cedar RD South Euclid	\$5,000.00	\$0.00	\$5,000.00	\$5,000.00	\$0.00	\$5,000.00

2015-0667	03/14/2015	111 - Building fire	1655 S Belvoir BLVD South Euclid (Bluestone)	\$139,400.00	\$0.00	\$139,400.00	\$1,000.00	\$0.00	\$1,000.00
2015-0842	04/02/2015	113 - Cooking fire, confined to container	548 Trebisky RD South Euclid (Bluestone)	\$0.00	\$750.00	\$750.00	\$0.00	\$750.00	\$750.00
2015-0913	04/12/2015	113 - Cooking fire, confined to container	4434 Neville RD South Euclid (Bluestone)	\$1,000.00	\$0.00	\$1,000.00	\$1,000.00	\$0.00	\$1,000.00
2015-1314	05/25/2015	151 - Outside rubbish, trash or waste fire	1777 Donwell DR South Euclid (Bluestone)	\$57,000.00	\$0.00	\$57,000.00	\$37,000.00	\$0.00	\$37,000.00
2015-1314	05/25/2015	151 - Outside rubbish, trash or waste fire	1777 Donwell DR South Euclid (Bluestone)	\$25,000.00	\$0.00	\$25,000.00	\$5,000.00	\$0.00	\$5,000.00
2015-1314	05/25/2015	151 - Outside rubbish, trash or waste fire	1777 Donwell DR South Euclid (Bluestone)	\$30,000.00	\$0.00	\$30,000.00	\$30,000.00	\$0.00	\$30,000.00
2015-1431	06/04/2015	111 - Building fire	4142 Wilmington RD South Euclid (Bluestone)	\$90,000.00	\$0.00	\$90,000.00	\$1,000.00	\$0.00	\$1,000.00
2015-1516	06/13/2015	522 - Water or steam leak	1959 Warrensville Center RD South Euclid (Bluestone)	\$80,000.00	\$0.00	\$80,000.00	\$1,000.00	\$0.00	\$1,000.00
2015-2095	08/11/2015	111 - Building fire	1187 Avondale RD South Euclid	\$1,000.00	\$1,500.00	\$2,500.00	\$1,000.00	\$1,500.00	\$2,500.00
2015-2176	08/18/2015	111 - Building fire	4505 Telhurst RD South Euclid	\$70,000.00	\$15,000.00	\$85,000.00	\$30,000.00	\$10,000.00	\$40,000.00

2015-2660	10/05/2015	113 - Cooking fire, confined to container	4194 Wyncote RD South Euclid	\$0.00	\$1,000.00	\$1,000.00	\$0.00	\$800.00	\$800.00
2015-3061	11/16/2015	111 - Building fire	4507 Mayfield RD South Euclid	\$1,000,000.00	\$100,000.00	\$1,100,000.00	\$2,000.00	\$5,000.00	\$7,000.00
2015-3062	11/16/2015	111 - Building fire	1004 Argonne RD South Euclid	\$10,000.00	\$0.00	\$10,000.00	\$500.00	\$0.00	\$500.00
2015-3282	12/12/2015	131 - Passenger vehicle fire	971 S Belvoir BLVD South Euclid	\$4,000.00	\$0.00	\$4,000.00	\$4,000.00	\$0.00	\$4,000.00

South Euclid Fire Department – 2015 Annual Report



EMS Calls by Gender & Age (2003 – 2015)

Figure 1: 2015 Stats

Gender	Count
Male	1028
Female	1394
Total:	2422

Figure 2: 2015 Stats

AGE RANGE	# PATIENTS
0 - 18	213
19 - 30	381
31 - 40	208
41 - 50	262
51 - 60	322
61 - 70	302
71 - 80	299
81 - 90	328
91 - 100	105
101+	2

South Euclid Fire Department – 2015 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 2016.

