

BEACHWOOD FIRE DEPARTMENT 2019



BEACHWOOD DEPARTMENT OF FIRE – RESCUE

MISSION STATEMENT:

It is the Mission of the Beachwood Department of Fire-Rescue to provide and deliver efficient, progressive, performance-based emergency services to preserve life and property for our community.

Newly Appointed Chief

Steven Holtzman



June 3rd 2019

**Beachwood Department of Fire ~ Rescue
2019 Roster**

Steven M. Holtzman, Chief

Assistant Chief

Fire Prevention

Administration



Shaun Lutz

Christopher Daniels
Jessica Nevison
Benjamin Reed

Therese Ferritto
(vacant)

Full Time Members

Capt. Corpora

Lt. Bell

Lt. Peterson

FF Baird

FF Coyne

FF DiAntonio

FF Fisher

FF Holtzman, M

FF Kustra

FF Ockenden

FF Ripley

FF Russell

FF Welsh

FF Wochele

Capt. Hank

Lt. Domonkos

Lt. Leffler

FF Balog

FF Brooks

FF Gullett

FF Lucas

FF Mahoney

FF Ricco

FF Roach

FF Searles

FF Spisak

FF Titterington

FF Unger

Lt. Strazzo

Lt. Iacobucci

Lt. Thompson

FF Anderson

FF Dodson

FF Gromek

FF Hogle

FF Liggett

FF Majetich

FF McDermott

FF Robinson

FF Russo

FF Shellenbarger

FF Worley



Retirements



After nearly 43 years with the Beachwood Department of Fire-Rescue, Chief Patrick J. Kearns retired on April 3rd 2019.



After 33 years with the Beachwood Department of Fire-Rescue, Scott Schmauder retired on June, 16 2019.



After 25 years with the Beachwood Department of Fire-Rescue, Fire Fighter Scott Frey retired on July, 5 2019.



**After 10 years with the Beachwood Department of Fire-Rescue Lincoln
Coverdale resigned on June, 7th 2019.**

Promotions



July 1st 2019

Lieutenant Anthony Strazzo, promoted to rank of Captain
Firefighter Dave Peterson, promoted to rank of Lieutenant

New Employees



David Baird August, 5th 2019



Lauren Fisher August, 5th 2019



Tyler Gullet August, 5th 2019



Madison Worley August, 5th 2019



Inspector Benjamin Reed Inspector Christopher Daniels

September, 9th 2019



International Accreditation

In 2017 as a result of an extremely dedicated effort the Beachwood Department of Fire-Rescue received Accredited Agency status through the Commission on Fire Accreditation International (CFAI). The Beachwood Department of Fire-Rescue is one of only 270 agencies internationally to achieve international Accredited Agency status with the CFAI and the Center of Public Safety Excellence, Inc. (CPSE). Only 11% of the population in the United States is protected by an accredited fire department. Accreditation is defined as an all-hazard, quality improvement model based on risk analysis and self-assessment that promotes the establishment of community-adopted performance targets for fire and emergency service agencies.

Part of the Accreditation process is an in depth evaluation of the departmental performance where data is examined based upon the type of situation (Fire, Medical etc.), the complexity of each situation (level of risk/complexity) and the location of each event within the city. This breakdown of the performance provides 288 disparate data sets that must be evaluated annually. These 288 data sets are compared to the previous 4 years of data to determine trends with an attempt to predict future needs within the city. As an example below you will find a basic data set of the performance at the 90th percentile of all alarms city wide for 2019.

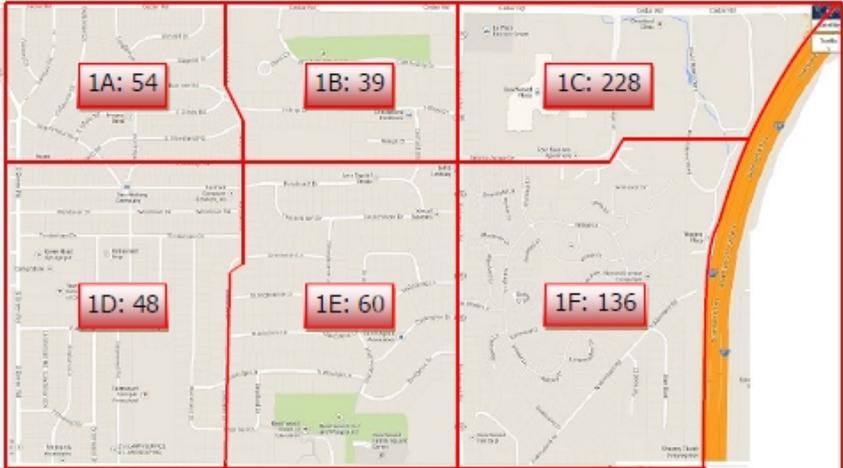
	(m:ss)
Call Processing (911 call to station alert)	1:24
Turn out time (station alert to en-route)	2:33
Travel time (en-route to on scene)	4:45
Total Response (911 call to arrival)	7:25

The department utilizes this data to develop a Standard of Cover and Community Risk Assessment to determine and adjust response practices. For example in the last quarter of 2018 we adjusted station staffing due to an increased demand for service in the station 1 district that was requiring units to respond from Station 2. The department must submit an annual compliance report to CFAI to demonstrate continued compliance with requirements and demonstrate efforts towards continuous improvement. The department must reapply in 2022 showing compliance with the latest CFAI standards and is subject to a peer review to maintain the accreditation.

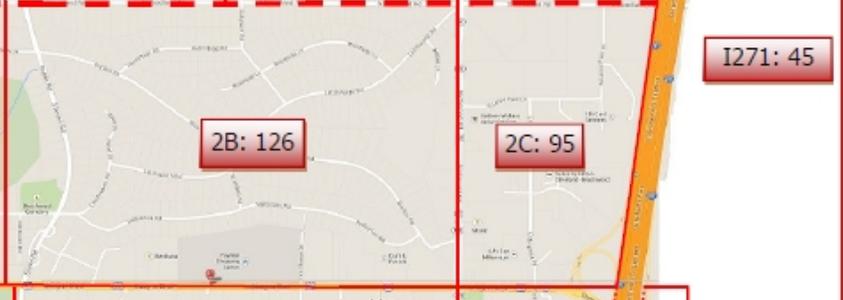
Lieutenant Michael Bell
Accreditation Manager

CALLS FOR SERVICE: FIRE RESPONSE

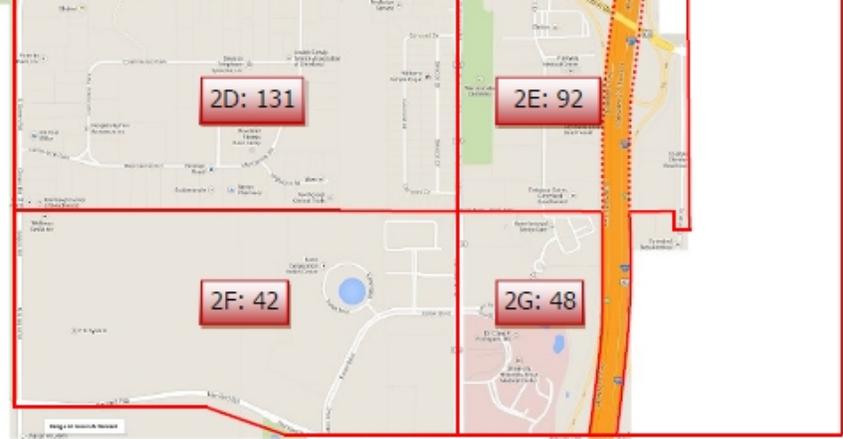
**Fire Response
by Zone
2019**



Fire Response: District 1



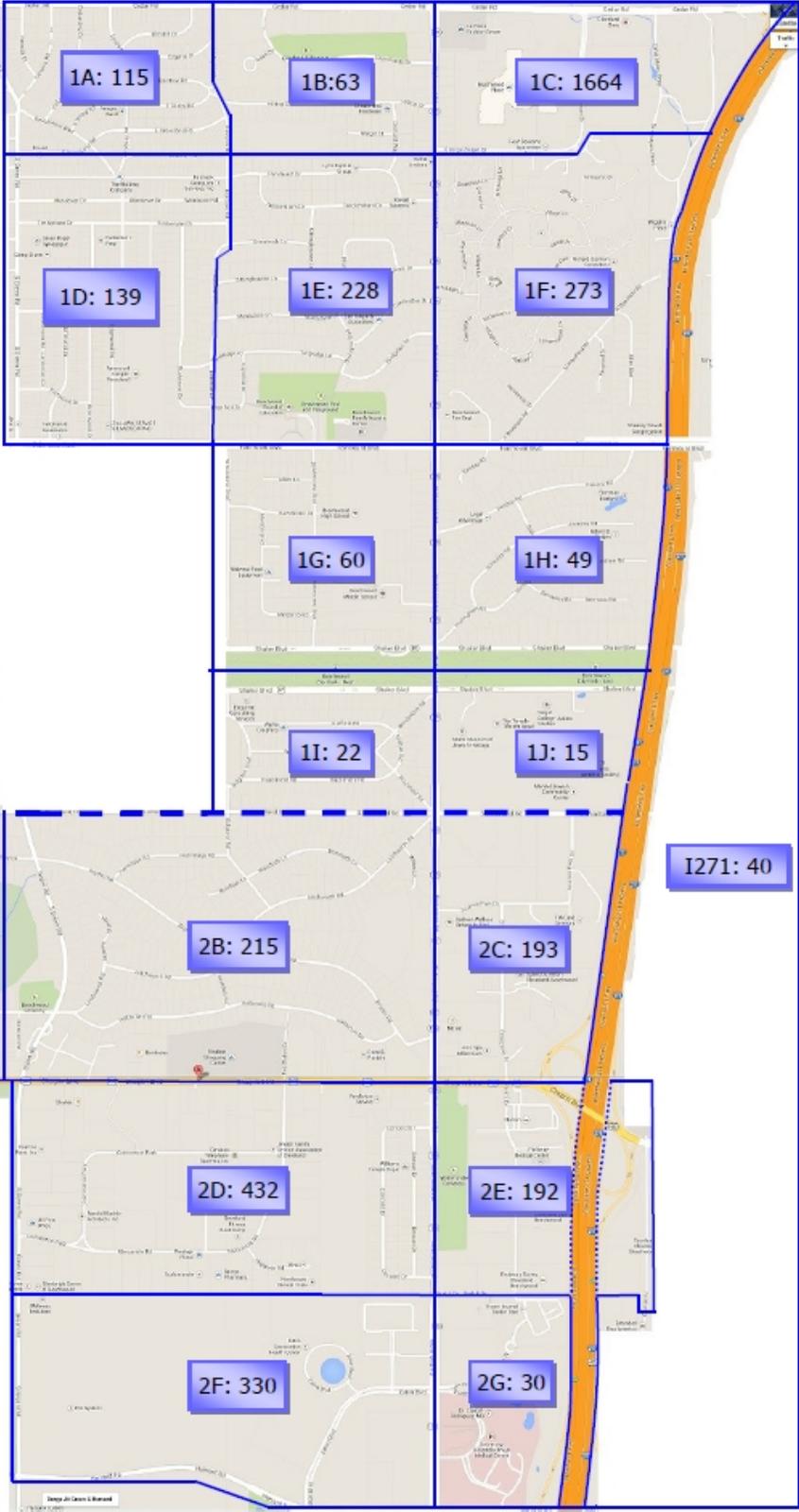
Fire Response: District 2



I271: 45

CALLS FOR SERVICE: EMS RESPONSES

**EMS Response
by Zone
2019**



EMS Response: District 1

EMS Response: District 2

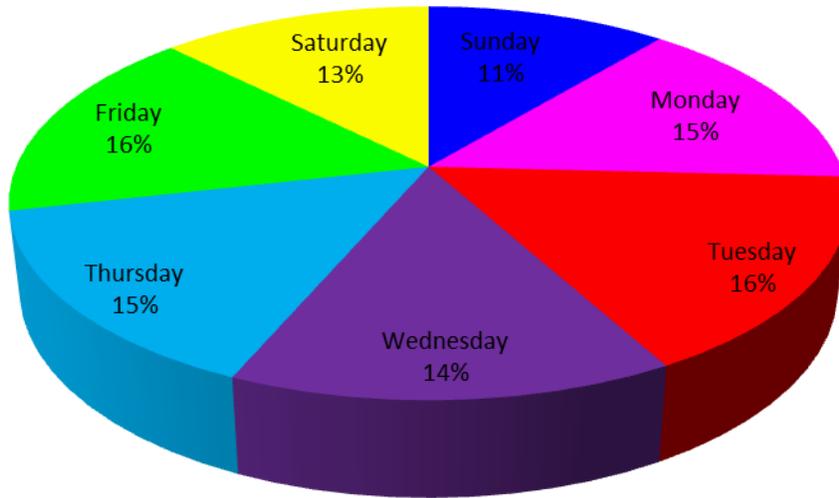
EMS & FIRE

COMBINED

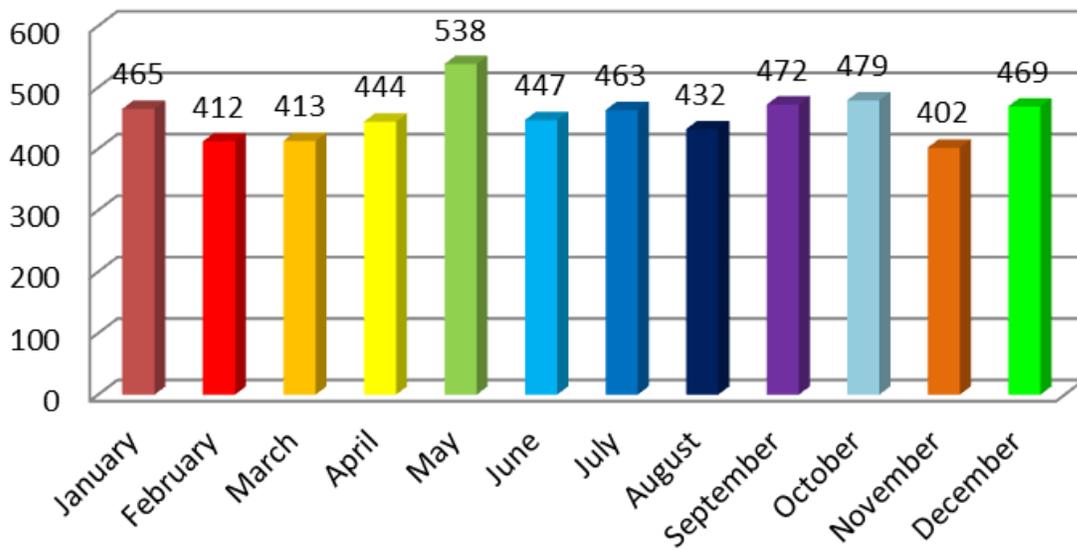
STATISTICS

	Beachwood Runs by			Mutual Aid					
	District			Monthly Totals		Rendered		Received	
	St 1	St 2	I-271	Fire	EMS	Fire	EMS	Fire	EMS
January	275	195	3	139	348	11	3	0	4
February	227	193	1	127	308	9	3	6	0
March	248	151	10	93	330	8	4	0	4
April	281	148	2	107	350	9	5	4	0
May	338	182	18	161	392	8	4	0	5
June	273	169	2	104	354	8	4	8	0
July	260	183	3	131	353	18	10	15	1
August	260	151	9	111	333	14	7	0	0
September	285	167	4	152	325	11	4	8	1
October	287	173	2	111	378	17	9	6	1
November	222	169	9	104	314	10	7	3	1
December	293	170	2	112	368	7	8	3	1
Totals	3249	2051	65	1452	4153	130	68	53	18

Calls by Day of Week



Calls per Month



Fire Training

The Beachwood Fire Department has placed an increased emphasis on training our Firefighters so they can maintain the highest level of proficiency. The level and realism of the training evolutions have been improved with the addition of the Training tower and training facilities at the Public safety Center. Additional emphasis has been placed on training with our mutual aid communities.

In 2019 the Public safety center hosted the East Tech Rescue Team with confined space rescue training and Rope rescue training. Our Fire Department also hosted a Fire Inspector training class, at the Public Safety Center, that drew members from all over Cuyahoga County.

In 2019 we welcome 4 new Firefighters to our Department and our instructors spent countless hours working on their skills at our training facility. Our new recruits had the opportunity to train with new recruits from Pepper Pike and University Heights at our training facility. Special Thanks to Captain Robinson of the University Heights Fire Department for his assistance with the joint training.



Fire Fighters of today do more than just fight fires. Along with operating as paramedics, the fire department has become an **all hazards agency**. Some of the calls that we respond to include; Burning odor investigations, general odor investigations, gas leaks, carbon monoxide calls, hazardous chemical spills, motor vehicle accidents, wires down calls, people trapped in elevators, water hazards (inside and outside), response to terror attacks and what to do during pandemic. The Fire Department will continue to stay on the cutting edge to ensure the safety and security of the residence of Beachwood.

In 2019 the Beachwood Firefighters completed 5239 training hours. The category breakdown is listed below. The training hours listed does not include training hours for HAZMAT, SWAT, Technical Rescue teams or fire inspection training.

The Beachwood Fire Department will continue to strive to educate our members with the newest techniques, technologies and information as it becomes available.

EMS 2019

The Beachwood Fire Department applied for the 2019-2020 Training & Equipment Grant from the Ohio Department of Public Safety. The purpose of the State Board of Emergency Medical, Fire, and Transportation Services Grant Program, administered by the Ohio Department of Public Safety, Division of Emergency Medical Services, is to improve and enhance EMS and trauma patient care in Ohio through the provision of grant funding for equipment, training, and research. The funding source for the grant program is fines levied in the State of Ohio for seat belt violations. The department was awarded \$2,841.00 and purchased two AED (automated external defibrillator) units to place at both fire stations in Beachwood. These two AED units (LIFEPAK 1000) are very rugged and simple to operate. The units can make a lifesaving difference for victims of sudden cardiac arrest.

In November South Pointe Hospital sent 10 Fire Fighter / Paramedics to the 9th Annual NOTS (Northern Ohio Trauma Symposium) at the Huntington Convention Center in Cleveland. NOTS is continuing education in the field of trauma focusing on ensuring excellent care and improving patient outcomes. NOTS is committed to providing education in trauma care to all healthcare providers in a cost effective manner. This includes a yearly Trauma Symposium with nationally recognized speakers, as well as sponsored education.

Category	Total Hours
General EMS training	208
Emergency Cardiac Care	128
Pediatric	80
Geriatric	77
Trauma	249
Trauma/Triage	12

Honor Guard Members

Captain Steven Holtzman

Lieutenant Michael Bell

Lieutenant James Leffler

FF Donald Balog

FF Jason Brooks

FF Greg Liggett

FF Michael Lucas

FF Dave Peterson

2019 Events

November 10, 2019

Veteran's Day Memorial-Green Rd Cemetery

The Honor Guard would like to recognize Chief Kearns for his dedication to the Department and to the Beachwood Honor Guard. In 2019 Captain Holtzman transitioned to Chief Holtzman and stepped down from the Honor guard. Captain Holtzman was one of the original members of the Honor Guard that was formed in 1999.

In 2019 there were 58 line of duty deaths nationwide. Our Department continues to learn from those that have died in the Line Of Duty. Line of duty deaths are reviewed during training to teach our department members to operate safely in an attempt to prevent a tragedy from occurring here. All of these men and women paid the ultimate sacrifice with the hope that they could make a difference in the life of someone who needed their help. The Beachwood Fire Department Honor Guard would like to honor our fellow firefighters that have paid the ultimate sacrifice.

2019 Fire Fighter Line of Duty Deaths

FIRE PREVENTION

REPORT

FIRE PREVENTION BUREAU

In 2019 the Fire Prevention Bureau completed over 136 plan reviews and over 1,980 inspections. These inspections included annual fire inspections for all businesses, schools and City buildings. A large percentage of those inspections cover construction projects and conducting pre-inspection and acceptance testing on all new or modified fire lines, standpipes, sprinkler, kitchen hood suppression and fire alarm systems.

Our Fire Prevention Bureau consists of two full-time Fire Inspectors and one part-time Fire Inspector with the Assistant Chief that oversees the bureaus daily operations. At this time, all occupancies requiring an annual fire inspection have been divided between the inspectors to make sure all inspections are completed in a timely manner.

The chart below indicates the percentage of inspections/activities performed in 2019

Through building working relationships and educating business owners, managers, and facilities workers, the Fire Prevention Bureau takes great pride in attempting to decrease the number of violations discovered each year. Educating our businesses in Fire Prevention greatly reduces major hazards. With a continued effort to decrease violations and commercial fire alarm response, the Fire Prevention Bureau continues the objectives of education and prevention in the City of Beachwood.

2019 Fire Investigations Conducted

<u>Date</u>	<u>Address</u>	<u>Cause</u>
April 20th	3591 Beacon Drive	Undetermined

Construction Projects

This year, 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 led up to the opening of two great new businesses for the City of Beachwood and our neighboring Communities.

[Rose Senior Living: 23611 Harvard Road](#)

204,702 sq. ft. 174 apartments, 92 of which serve Independent Living residents, 48 are for those in Assisted Living apartments and 34 apartments are specially designed for those in need of Memory Care.



Beachwood Medical Center: 25501 Chagrin Blvd
69,800 sq.ft. 24 private patient rooms, 24hr emergency room services



FIRE PREVENTION PERMITS

Annual permits are issued to City businesses in order to track the use of hazardous and flammable materials that are stored in reportable quantities or any manufacturing process that may be deemed hazardous by the Ohio Fire Code. Annual permits are also issued for places of assembly such as temples, schools, and restaurants. Occupancies that have the ability to have large gatherings must be monitored for issues of general safety and egress.

Special permits are issued to companies and persons doing limited-time work or holding special events in Beachwood. These permits alert the Department of Fire-Rescue to the temporary gathering of large numbers of people and or use of chemicals, materials and hazardous or flammable procedures, such as welding and storage of propane or other fuels for heat or construction use. Fire Prevention Bureau personnel inspect each site requiring special permits to ensure that all required safety devices and precautions are present and observed.



In 2019, the Beachwood Department of Fire-Rescue collected \$2,925.00 in both annual and special permit fees. Numerous additional fees for Fire Prevention are collected through the Building Department.

FIRE PREVENTION TRAINING

Members of the Fire Prevention Bureau are currently active with the Hillcrest Regional Fire Investigation Strike Force and the Northeast Ohio Fire Prevention Association (NEOFPA) which allows the surrounding communities to pool resources and talent in the investigation of fires and provides valuable networking in areas of continuing education.

The State of Ohio mandates that Fire Inspectors must attend 24 hours of continuing education over a 3 year period. The Northeast Ohio Fire Prevention Association provides our inspectors with monthly opportunities to obtain this valuable training. Examples of training acquired in 2019 are listed below:

NFPA 25 & 72 Requirements	April 23 rd	8hrs
Sprinkler & Standpipes	July 2 nd & 3 rd	12hrs
Fire Protection Systems Seminar	October 9 th	6 hrs.
Risk Management	December 3 rd	5hrs.
Continuing Education collectively accumulated	2019	136 hrs.

We will continue to keep current with new methodologies and technologies in the fire investigative and inspection fields to provide the best service possible to the residents of Beachwood.

SPECIAL OPERATIONS REPORTS

HEIGHTS-HILLCREST TECHNICAL RESCUE TEAM

2019 ANNUAL REPORT

BY: TEAM LEADER, BC PATRICK KEHN

Established 2017 Serving the Communities of Beachwood, Cleveland Heights, Euclid, Gates Mills, Highland Heights, Lyndhurst, Mayfield Heights, Mayfield Village, Pepper Pike, Richmond Heights, Shaker Heights, South Euclid, University Heights, and Willoughby Hills

2019 was another successful year for our team. Our team provides special rescue services to all of eastern Cuyahoga County, as well as, the city of Willoughby Hills. The Heights-Hillcrest Technical Rescue Team provides special rescue services in the following disciplines; Rope Rescue, Confined Space, Trench Rescue, Structural Collapse, and Water Rescue. The rescue team is comprised of, 70 specially trained firefighters from each of our member communities. By utilizing this regional approach, the team is able to provide specialized services that no one city could provide by themselves. Our team's specialized equipment is housed on five, Rescue Trucks, which are placed in fire stations throughout our service area. The team provides reciprocal rescue services to the Chagrin/Southeast communities in exchange for their Hazardous Material response capabilities. In addition to local training and emergency responses, the Heights – Hillcrest Rescue Team works closely with the Ohio Region 2, USAR Team, the Ohio Region 2, Water Rescue Team, and the SERT Team, which services the west side of Cleveland. Our teams' annual budget is \$82,000, which is funded by contributions from our member communities. This funding is used to maintain and improve our specialized equipment, as well as provide training for our team members.

There were a total of 10 team call outs in 2019. These callouts involved six, structural collapse calls, three water rescue calls, and one call involving rope rescue. Our most memorable call was a parachutist, who was stuck in a tree, approximately sixty feet in the air. During this year our members worked diligently in purchasing a new Rescue Truck. This truck is housed in Mayfield Heights, and carries rope rescue, confined space rescue, and ice rescue equipment. This truck replaced Truck 577, which was the original Hillcrest Rescue Vehicle. Truck 577 was sold, and these funds were returned to our team.

The team holds monthly training sessions for our team members, which help maintain proficiency with our technical skills. These trainings provide invaluable experience to our members, and assures that the team is always ready to respond to any situation we are called for. The Heights - Hillcrest Technical Rescue Team sponsors 96 hours of training a year, and our members are required to attend 75% of the trainings to remain an active team member. In 2019, our members completed 3583 hours of monthly training. In addition to these scheduled drills, team members participated in numerous outside training opportunities. Some of these outside opportunities included swift water classes sponsored by our Region 2 water team, structural collapse training in Virginia Beach, Advanced rope classes in Cleveland, dive rescue classes taught by Dive Rescue International, and trench rescue classes in Michigan.

The Heights - Hillcrest Technical Rescue Team requires that all of our members are certified as Rescue technician's, in all rescue discipline's, with the exception of Rescue Diver. We continue in our efforts to achieve this goal. The team currently has seven Rescue Divers, and we are working on expanding this pool. The teams' commitment to training, allows our members to operate safely, effectively, and efficiently in extremely hazardous situations.

We appreciate the continued support of the Heights – Hillcrest Fire Chiefs', and will strive to provide exceptional services to the communities that we serve. Without the full support of these Chiefs', none of this would be possible.

2019 Callouts:

4/20/19	Water Rescue	Willoughby Hills
5/5/19	Rope Rescue (parachute)	Troy
6/1/19	Water Rescue	Bainbridge
6/2/19	Structural Collapse	Chesterland
6/3/19	Water Assistance (CHPD)	Cleveland Heights
6/26/19	Structural Collapse	Mayfield Heights
7/7/19	Structural Collapse	Euclid
7/25/19	Structural Collapse	Richmond Heights
8/20/19	Structural Collapse	Euclid
10/25/19	Structural Collapse	Richmond Heights

HAZMAT

The department, which maintains its own HAZMAT and Special Hazards Response Trailer completely reorganized and purged the unit of expired equipment in the summer of 2019. The trailer now carries HAZMAT Technician suits of multiple levels, HAZMAT spill containment,

HAZMAT decontamination equipment, life-safety rope gear, and cold-water rescue equipment. Furthermore, Beachwood Fire-Rescue's Level A suits are in the process of being converted to a more practical and tactical Multi-Threat CBRNE suit, which has become a national trend secondary to ongoing research. Beachwood Fire-Rescue purchased its first two (2) Lion MT94 Multi-Threat Suits in November of 2019, with the ultimate goal of having six (6) suits by mid-2021. The suits are non-encapsulating technology at the same level of protection (making donning, doffing, and air management much more efficient), have a longer estimated life/use span, and are easier to maintain and decontaminate if exposed to a hazardous product. Lastly, these suits are made of PBI/Nomex (similar to structural firefighting gear) offering flash and flame protection not offered by traditional Level A plastic garments.

The Department of Fire-Rescue also maintains three of its members on the Southeast Regional HAZMAT Response Team. The current members are FF. Luke Ockenden (A-shift), FF. Jason Brooks (B-Shift), and LT. Chad Thompson (C-shift). In 2019, all three (3) members obtained Tox-Medic training, which is specialized training at the paramedic level for treatment of persons exposed to Hazardous materials. FF. Jason Brooks also became a HAZMAT Control Officer, which allows him to oversee and command HAZMAT incidents he responds to.





Lieutenant Chad Thompson

Public Education/Relations

During 2019, the Beachwood Department of Fire-Rescue engaged the community in various events and activities to educate the public on topics related to fire safety and injury prevention. Community events included;

- Honk n Hauling
- Beachwood Fall Fest
- Race for the Place
- Northern Ohio Innovation Expo
- Safety Town
- Beachwood Police Citizen Police Academy
- Barkwood Grand Opening
- Trunk or Treat



In addition, agency personnel also visited businesses, camps and participated in events as requested.

- City of Beachwood Day Camp
- City of Beachwood Safety Town
- Beachwood Library
- BASF
- JCC Preschool Camp
- Lifetime Fitness Daycamp
- JCC Preschool
- JCC Picnic
- Maltz Museum - Hero Day
- Kindercare
- Village Community Fire Safety
- Kingdom Academy Open House
- Fairmount Preschool

Department personnel also conducted parties, and stood by at 8 Beachwood High



Lieutenant Anthony Strazzo

Tactical SWAT Paramedics

The Beachwood Department of Fire-Rescue provides tactical paramedics to support the E.D.G.E. (Eastern Department Group Enforcement) Regional SWAT Team comprised of the Cities of Beachwood, Euclid, South Euclid, University Heights, Shaker Heights, and Cleveland Heights. The tactical paramedic program is coordinated by Captain Anthony Strazzo. Captain Strazzo is responsible for ensuring training requirements are adhered to, coordinating the response of tactical paramedics to incidents, and acting as the liaison between the police and fire department during SWAT situations. The overall mission of a tactical paramedic is to provide emergency and preventive care to SWAT officers during deployments and trainings. In addition, tactical medics will provide care to suspects and civilians who may become injured during incidents.

Personnel:

Current members of the team include:

Lt. Anthony Strazzo	Lt. Matt Domonkos	Lt Mike Iacobucci
FF Drew Spisak	Lt. Dave Peterson	FF. Mike Holtzman

Activations: During 2019, there were 70 activations of the Tactical Medics and EDGE SWAT Team. Missions were broken down into the following categories:

- Narcotics Warrants: 46
- Arrest Warrants: 9
- Barricaded Persons: 7
- Aggravated Robbery/Burglary Warrants: 2
- Other: 6 (MLB All Star Game Events)



Total: 70

Medics Recognized for Deadly Situation:

Captain Strazzo, Lt. Peterson and FF Spisak were awarded a “Combat Ribbon” in 2019 in recognition of their participation in the execution of a search warrant in which the team was shot at by suspects that had barricaded themselves in a home. Thankfully, no one was injured during the exchange of gunfire between the suspects and SWAT Team.

Training:

To meet National Tactical Officer Association (NTOA) standards, the team is required to conduct two eight hour trainings per month and conduct a 40 hour, week long training during the course of the year. These trainings focus on officer down response, self-aid, buddy-aid, team movements, weapons safety and capabilities, distraction devices, gas deployment, building searches, defensive tactics and hostage rescue situations.

Captain Anthony Strazzo

Vehicle Maintenance and Repair

The Fire Department vehicles are maintained through three levels of expertise. The first level is in house by fire fighters completing daily checks and inspections, washing, waxing and minor

repairs. The second level is the Beachwood Service Department mechanics for routine repairs and preventive maintenance. The third level is outside certified contractors: they complete all the testing and certifications of the fire pumps, the Aerials and ground ladders for operation and safety.

2019 Was a busy year for planning, developing specifications and ordering of two new vehicles.

First was the assessment of our current fleet of ambulances. All facets were examined to find areas to improve on for our newest truck. Lifeline ambulance was selected this time due to pricing and quality of product. The unit was ordered in 2019 and delivery is expected in mid-2020.

Additionally, A new fire truck was evaluated, designed and ordered. Pierce manufacturing was selected due to pricing, quality, and speed of delivery. This truck was ordered in 2019 and delivery expected also in mid-2020.

Both the ambulance and fire truck committee spent countless hours in research, design, and ordering of both vehicles. These committees took their job very seriously to ensure the best products were purchased for the fit of the department.

Below is a list of our emergency response vehicles with current mileage and assignments:

<u>Vehicle</u>	<u>Unit #</u>	<u>Miles</u>	<u>Assignment</u>	<u>Yearly Cost</u>
1998 Pierce Quantum	1012	N/A	Station #1	\$4,592.96
2011 E-One HP 78	1022	46,497	Station #2	\$12,496.86
2012 E-One CR-137	1025	30,908	Station #1	\$11,152.56
2017 Horton Rescue Squad	1049	58,379	Station #1	\$7,108.97
2014 Horton Rescue Squad	1048	94,947	Station#2	\$7,197.73
2010 Braun Rescue Squad	1047	117,291	Station #2	\$2,126.85
2008 Braun Rescue Squad	1046	113,845	Station #1	\$2,455.25
1999 Horton Rescue Squad	1045	116,587	(SWAT)	\$103.60
2007 Chevy Tahoe	1052	118,256	Asst. Chief	\$421.96
2002 GMC 2500	1071	40,526	Station #2	\$421.66
2012 Ford Escape	1055	39,612	Fire Prevention	\$640.67
2012 Ford Escape	1053	32,976	Fire Prevention	\$2,442.95
2008 Ford Ranger	1054	37,461	Station#2	\$20.84
Park Rescue	PR 1	N/A	Shaker Park	\$27.24

Lieutenant Matt Domonkos

This concludes the City of Beachwood Department of Fire-Rescue 2019 Annual Report. Please do not hesitate to contact my office if you should have any questions.

Shaun Lutz, Assistant Fire Chief
Beachwood Department