

Olmsted Township Fire Department

2020 Annual Report



The Core Values of the Olmsted Township Fire Department

Our core values center around the protection of lives, property and the environment through prevention, public education, preparedness and emergency response; we place an emphasis on quality services delivered efficiently, effectively and safely and we will do our utmost to provide these services with the dignity and respect our residents deserve.



A Firefighters Pledge

I promise concern for others. A willingness to help those in need.

I promise courage – Courage to face and conquer my fears. Courage to share and endure the ordeal of those who need me.

I promise strength – Strength of heart to bear whatever burdens might be placed upon me. Strength of body to deliver to safety all those placed within my care.

I promise integrity - Integrity to always conduct myself, both on and off duty, in a manner that reflects positively on myself and my fire department.

I promise the wisdom to lead, the compassion to comfort and the love to serve unselfishly whenever I am called to duty; this is my pledge...

Letter from Chief Kelly

It is my honor and privilege to present to you the Olmsted Township Fire Department annual report for 2020. The Olmsted Township Fire Department (OTFD) strives to provide nothing less than exceptional Emergency Medical, Fire and Rescue Services to the residents and visitors of Olmsted Township. The members of the OTFD are dedicated to serving the Olmsted Community with integrity. The OTFD is a combination fire department meaning we have both full-time and part-time firefighter/paramedics. We are currently staffed with 14 full-time members and 8 part-time members. We operate out of one fire station, located on Fitch Road just north of Cook Road.

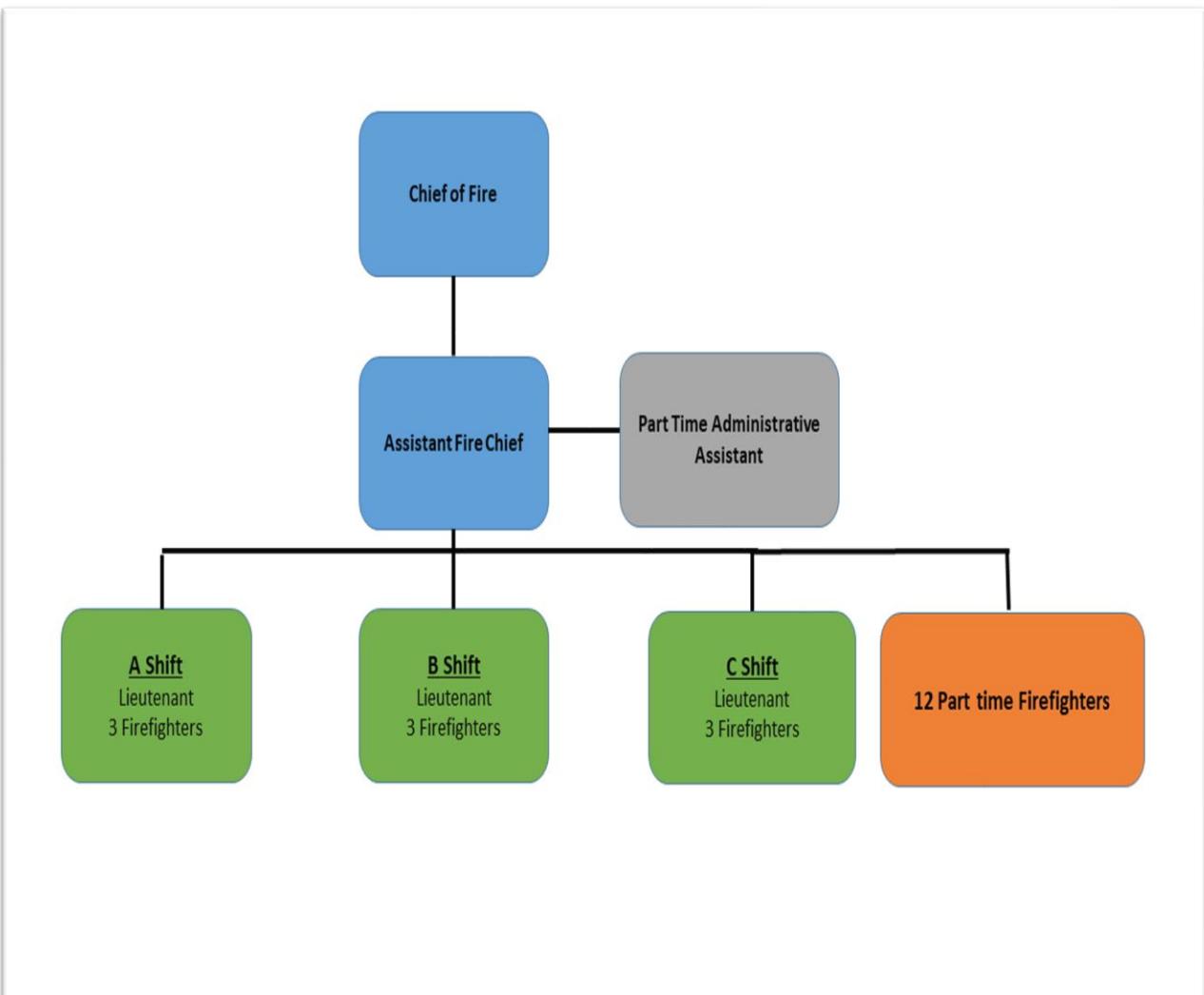
The OTFD operates with three (3) 24 hour shifts with an intended staffing level of four (4) or more firefighter/paramedics on-duty each shift. This staffing level allows us to provide a level of service to our community by enabling the OTFD to handle the day-to-day workload. The Southwest Emergency Dispatch Center provides dispatching services to the OTFD and five (5) other neighboring fire departments providing us many of the operational benefits of a regional emergency response service model. We currently operate from two different funding/revenue sources; an Ambulance Fund (revenue we receive from patient billing for emergency medical transports from insurance claims) and a Fire Levy Fund which consists of a continuous fire levy voted for by the residents in 2010 and an additional operations levy voted on in 2019 which will last through 2024. We humbly thank you for your support and will do our utmost to keep your confidence! With the additional revenue, we will increase our staffing levels to keep up with the growing community and are planning to replace our aging equipment.

In 2020, the Olmsted Township Fire Department responded to 2,153 emergency calls for emergency service. Of those emergency incidents, 1,706 were emergency medical incidents, 378 were fire and/or rescue incidents and 69 were service-related incidents. The number of our simultaneous calls increased to 525, which is 25% of our calls. The OTFD also inspected all our businesses and institutions along with providing several community outreach/service interactions. We maintain two advanced life support medic units, one frontline fire engine with and one fire ladder truck in our fleet along with various other ancillary vehicles to support our mission. Our front-line engine and older medic unit are slated for replacement this year utilizing the levy funding.

I would like to sincerely thank the Olmsted Township Trustees, the Township Administrator and the entire Olmsted Township Leadership Team for their support, guidance, and confidence in the abilities of the Olmsted Township Fire Department! I also want to thank the Officers and Firefighters of the Olmsted Township Fire Department; you are the greatest asset we have and your dedication and efforts have not gone unnoticed. Last but certainly not least, I would also like to thank you, our residents and businesses of Olmsted Township for your continued support of our fire department! We strive to provide you with nothing but the best possible services with our available resources. To be good stewards, we will be conducting a strategic plan/operational analysis to ensure we are doing this for you and to carefully plan for the future. If you need further clarification on anything in this report or have questions about the services/programs we provide, please contact me by phone or email pkelly@olmstedtownship.org

Respectfully yours,
Patrick Kelly, Fire Chief
440-235-3746

2020 OTFD Organizational Chart



2020 Statistics

Average Response Times – (alarm received at station to crew on scene)

Six minutes and one second (6:01)

Busiest Month

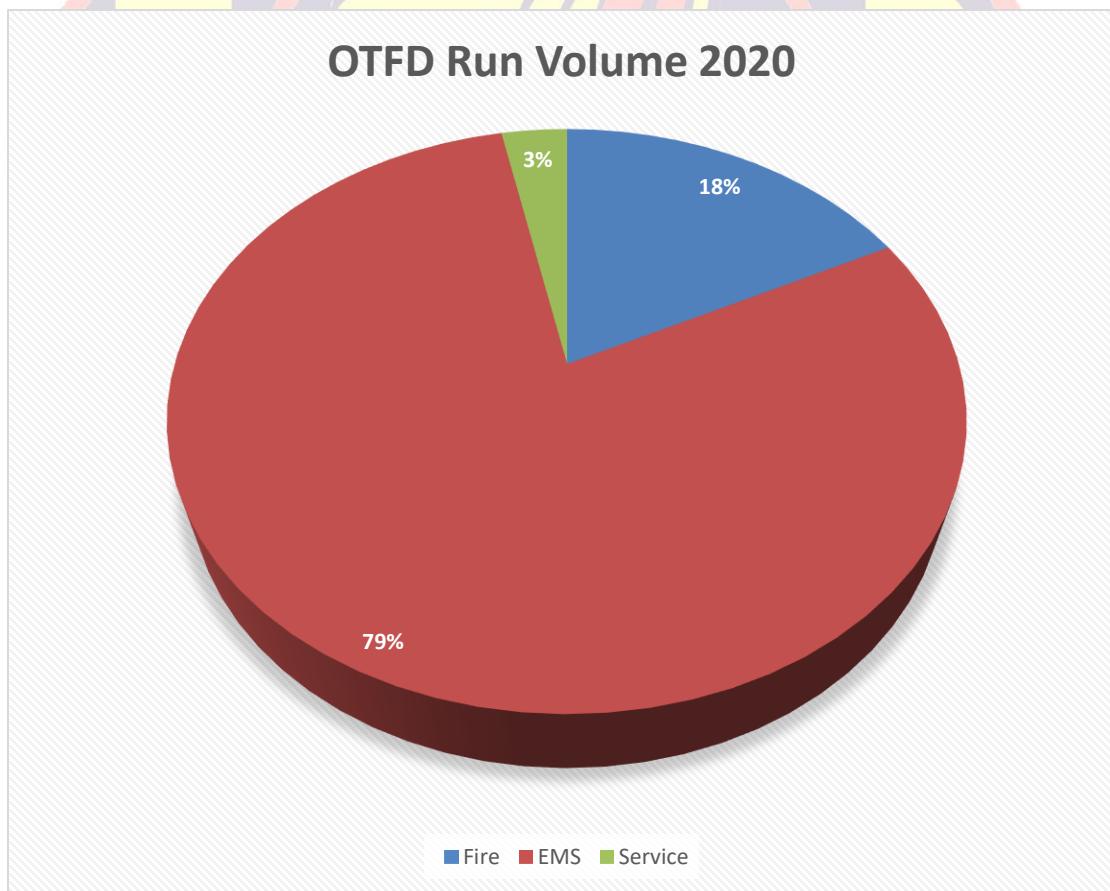
November with 222 and December coming in second with 211 (March and April COVID lockdown)

Busiest Time of Day

1200 hours (12:00PM) - 134 incidents – 3pm second with 131.

Total Incidents by Type

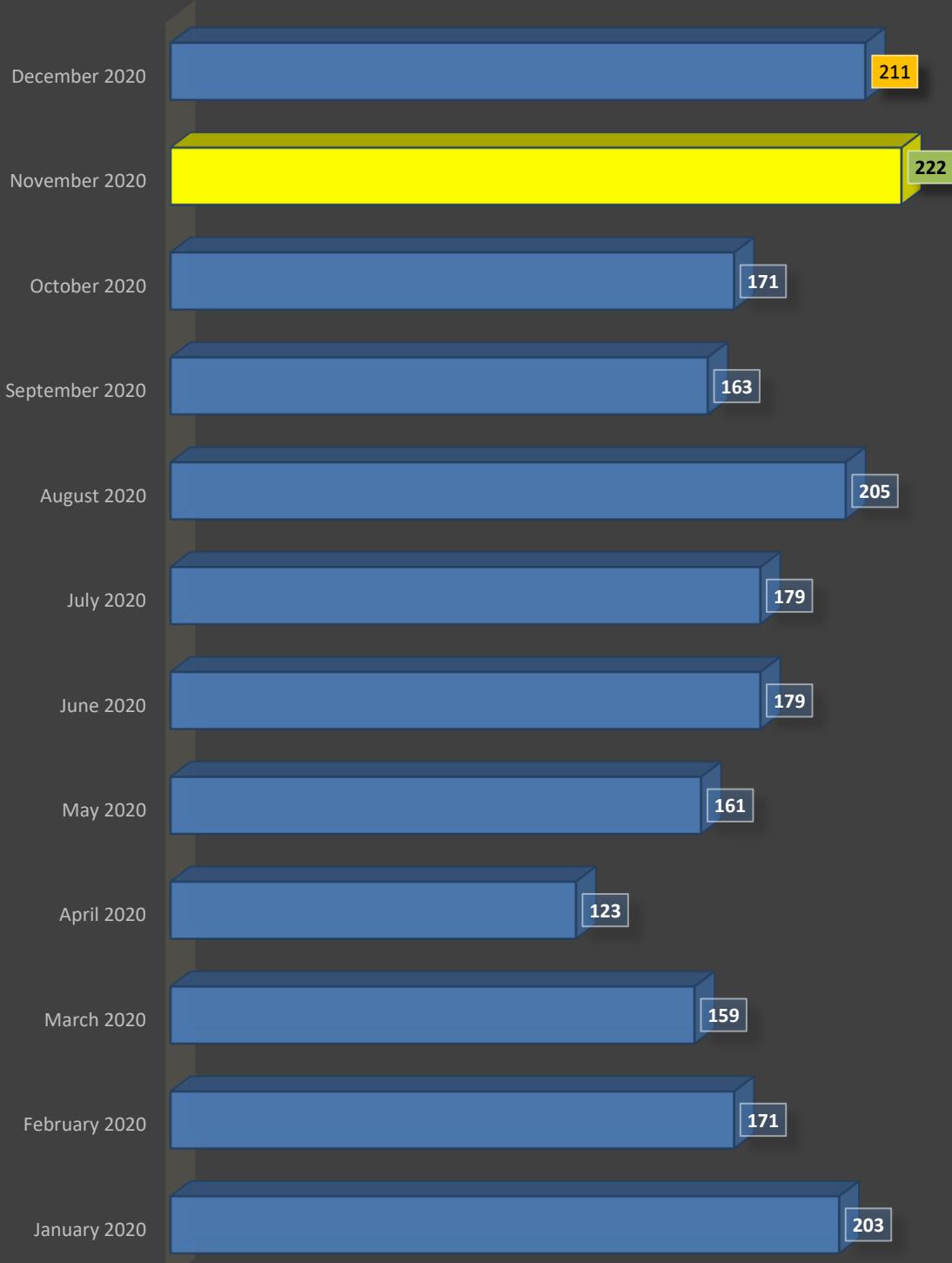
1. Fire-	378	18.0%
2. EMS-	1,706	79%
3. Service-	69	3.0%
Total-	2,153	100%



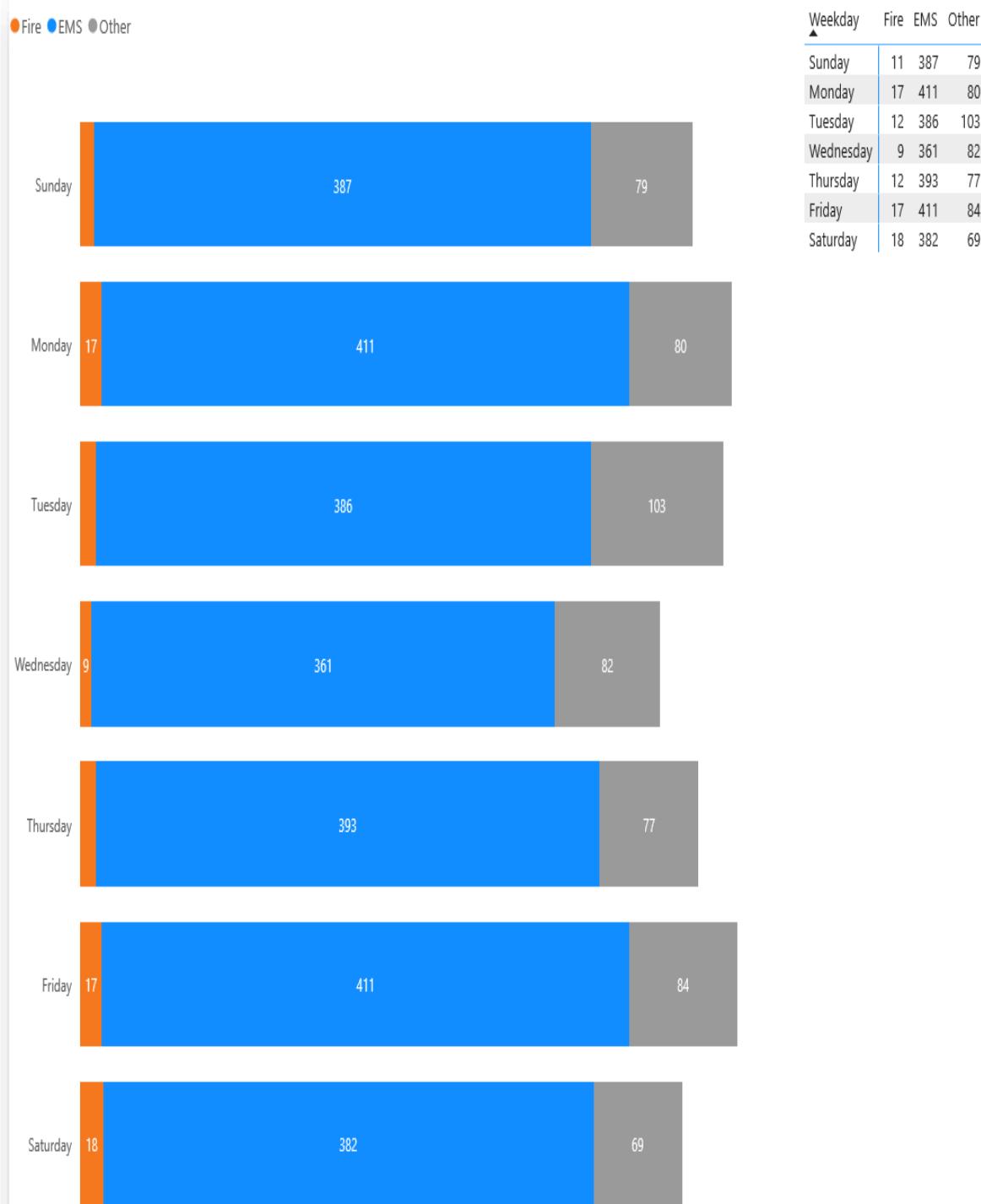
2020 CALLS BY TIME OF DAY



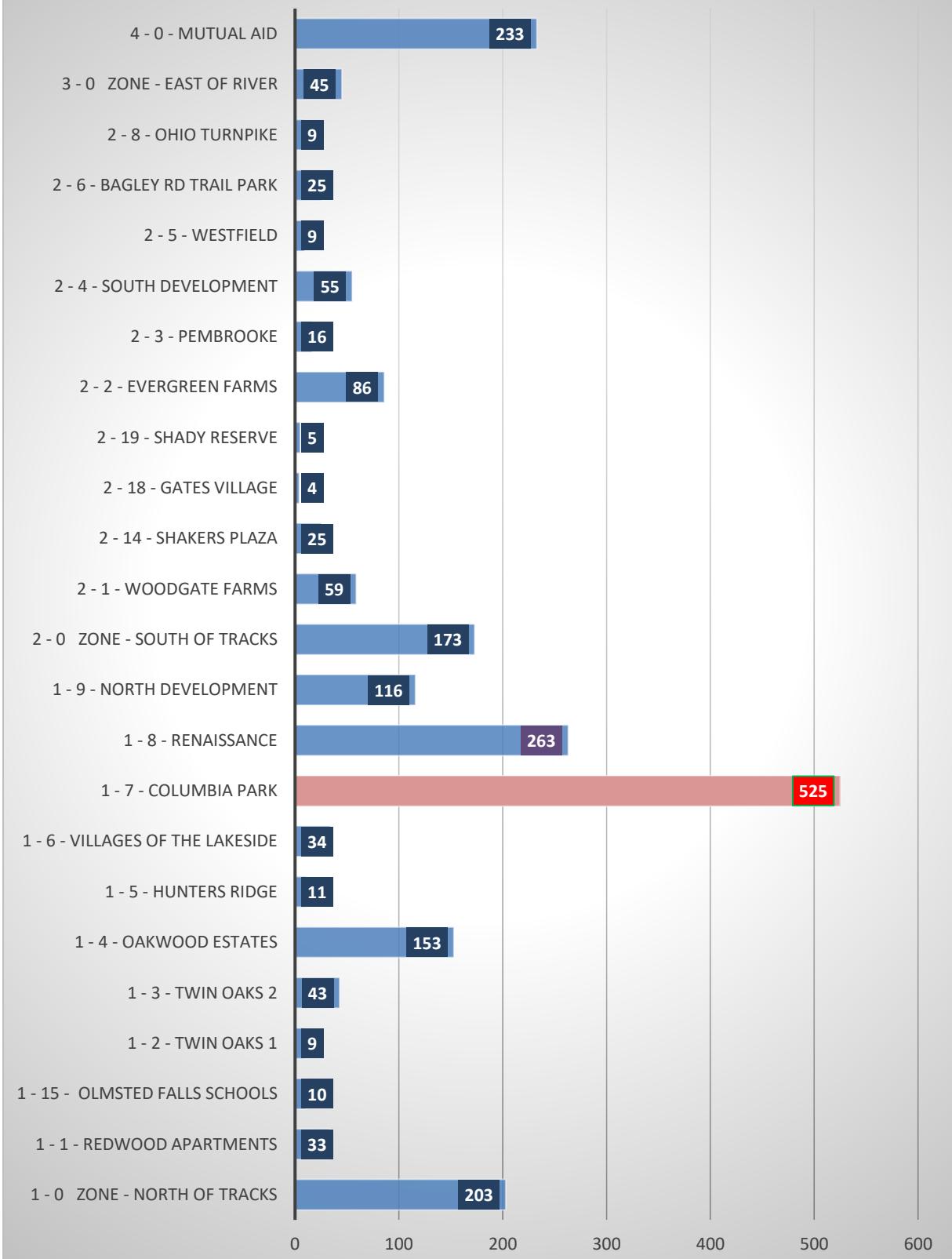
CALL VOLUME BY MONTH 2020



2020 Calls by Day of Week



2020 Responses by Neighborhood



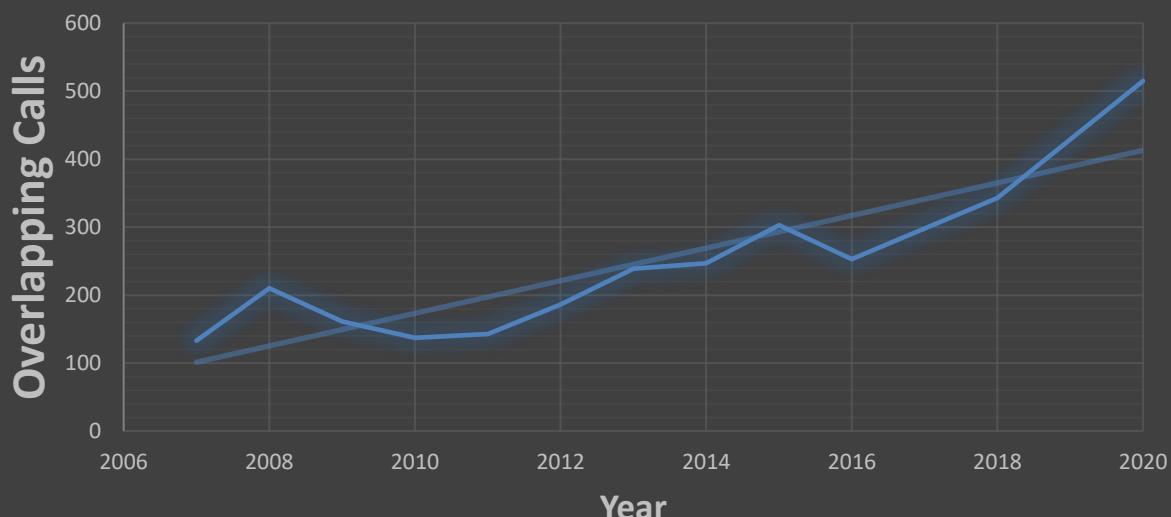
Simultaneous Calls by Time of Day

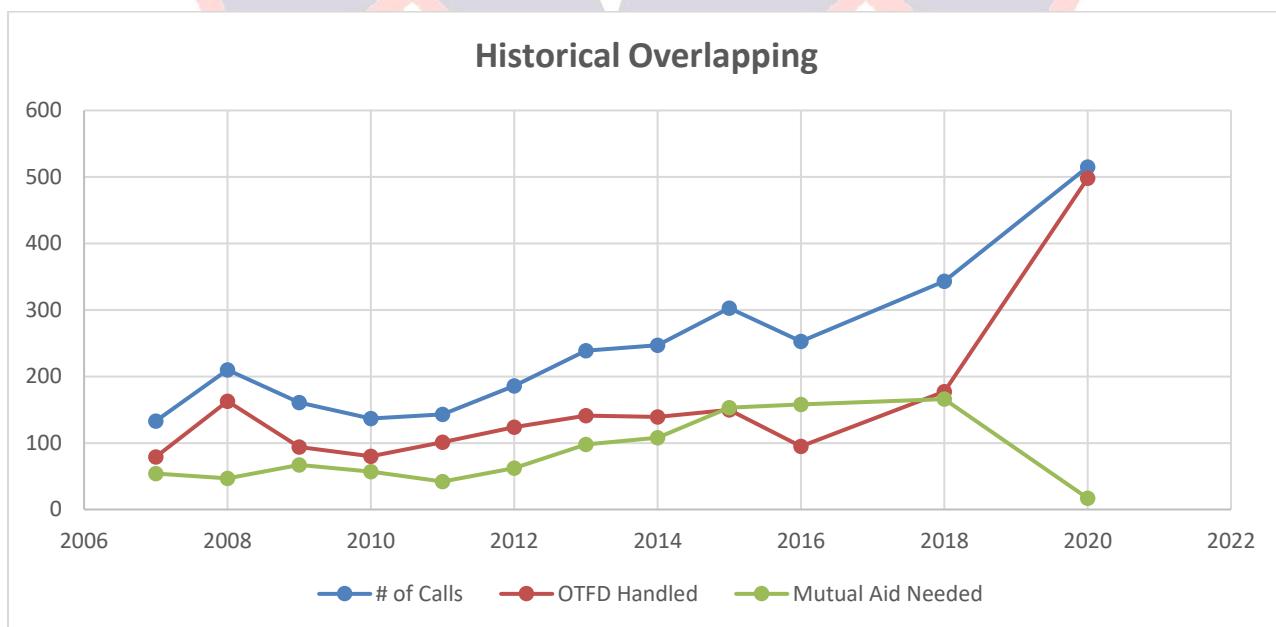
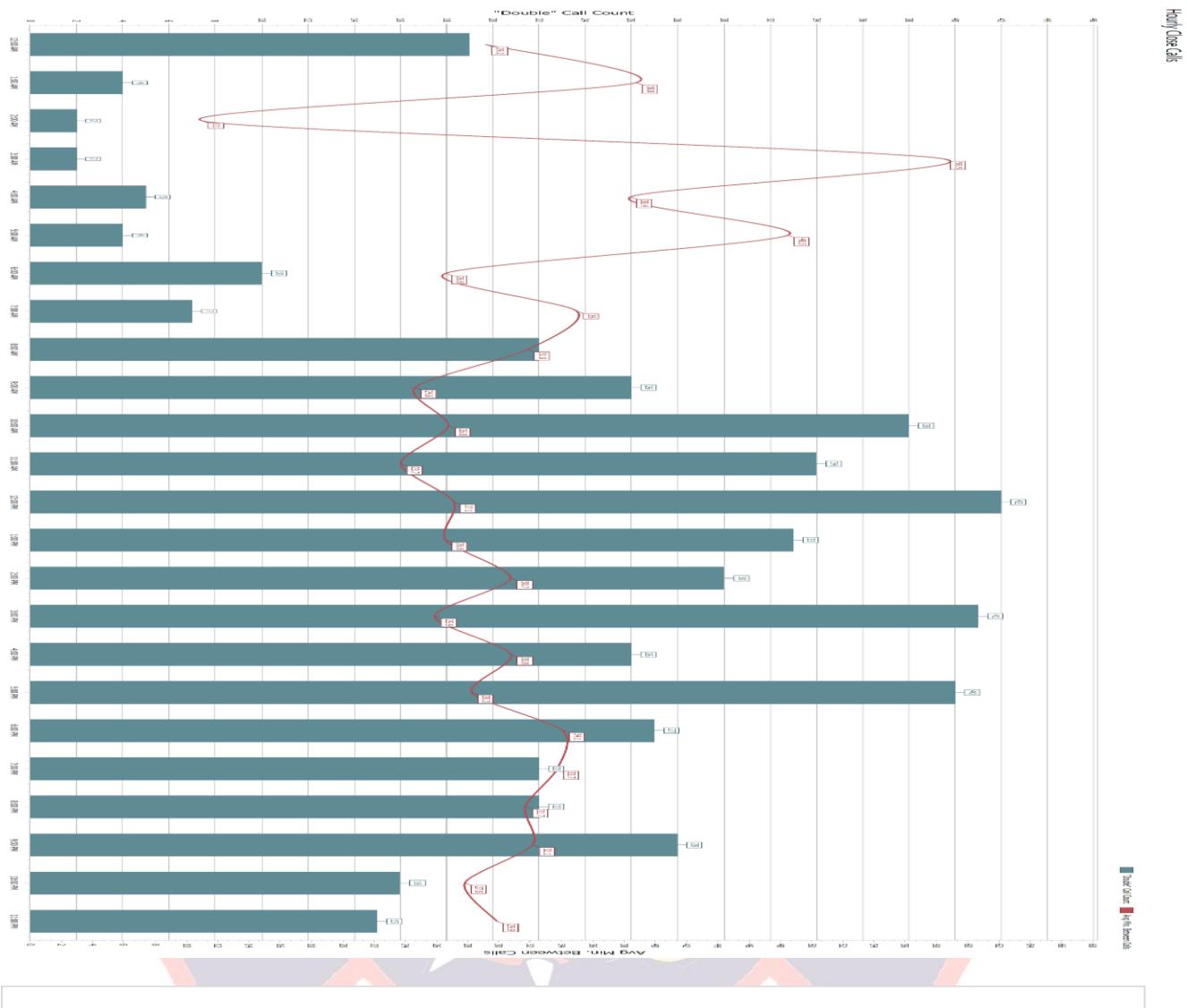
OTFD ran 525 simultaneous calls in 2020, which is one quarter of our total call volume. A simultaneous call is defined as a second (third or fourth call) that comes in one hour or less after the first call.

Trending History of Overlapping Emergency Calls

Year	# of Calls	OTFD Handled	Mutual Aid Needed	Staffing
2007	133	79	54	4
2008	210	163	47	4
2009	161	94	67	4
2010	137	80	57	4
2011	143	101	42	4
2012	186	124	62	4
2013	239	141	98	3
2014	247	139	108	3
2015	303	150	153	3
2016	253	95	158	3
2018	343	177	166	3
2020	515	498	96	4/5*

History of Overlapping Calls

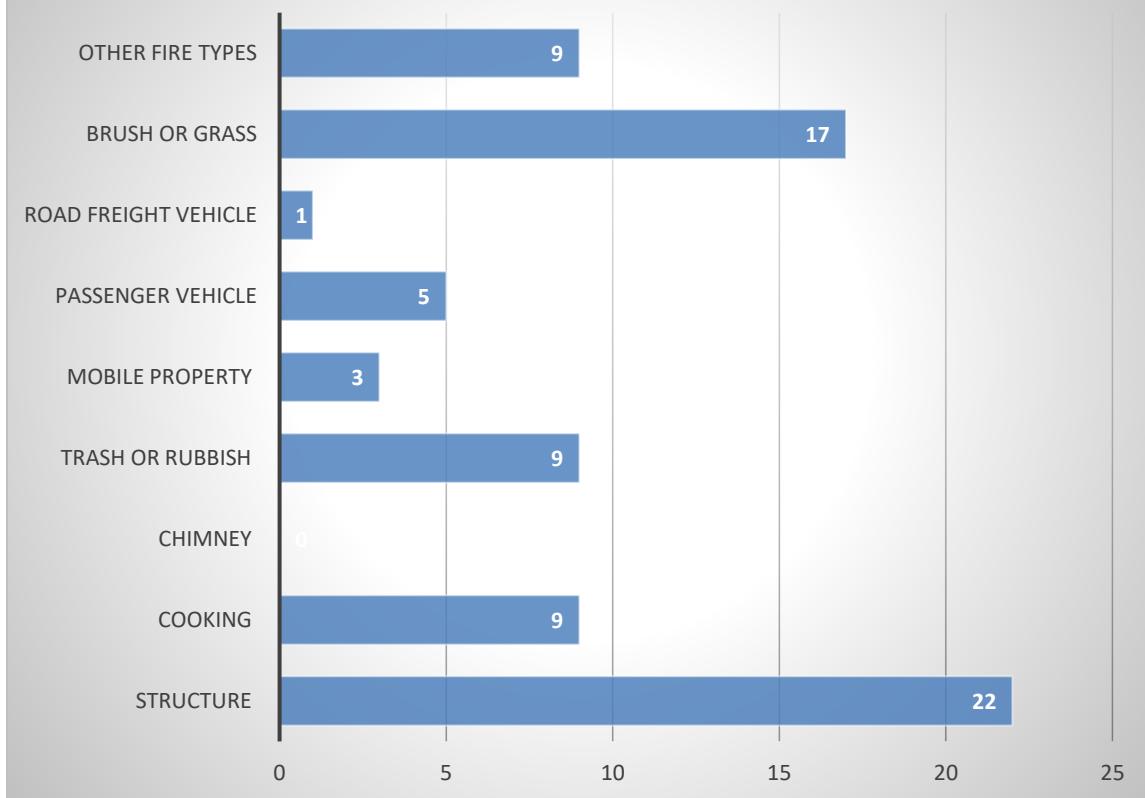




2020 Statistics

Type of Fire	Number of Fire Incidents
Structure	22
Cooking	9
Chimney	0
Trash or Rubbish	9
Mobile Property	3
Passenger Vehicle	5
Road Freight Vehicle	1
Brush or Grass	17
Other Fire Types	9

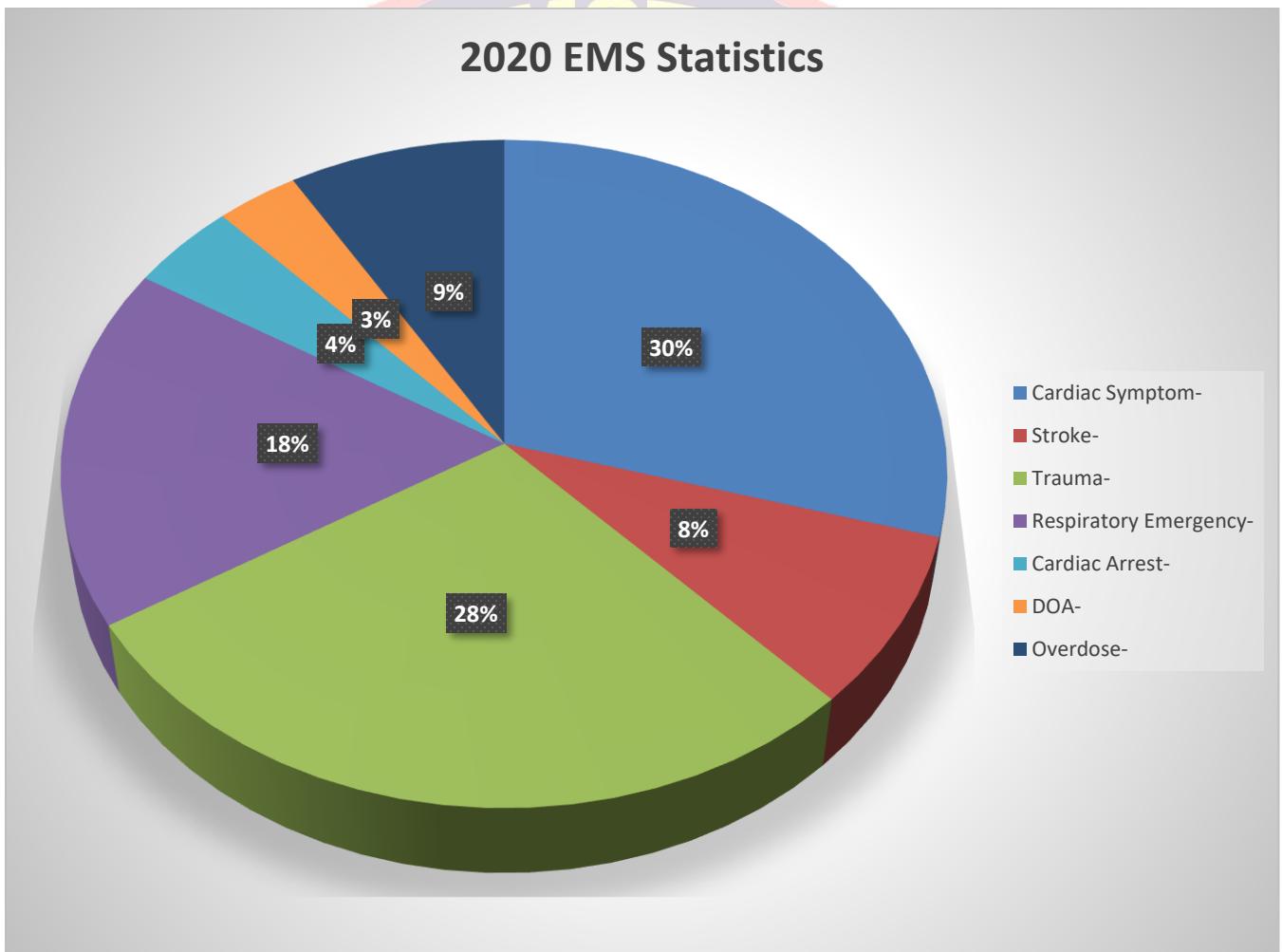
2020 Types of Fire Incidents



2020 EMS Statistics

Call Types

Cardiac Symptoms	116
Stroke	33
Trauma	112
Respiratory Emergency	69
Cardiac Arrest	17
DOA	13
Overdose	34



2020 EMS Call Statistics

Abdominal Pain/Problems	48
Allergic Reaction/Stings	10
Animal Bite	2
Assault	3
Back Pain (Non-Traumatic)	21
Breathing Problem	93
Burns/Explosion	2
Carbon Monoxide/Hazmat/Inhalation/CBRN	1
Cardiac Arrest/Death	16
Chest Pain (Non-Traumatic)	51
Choking	3
Convulsions/Seizure	15
Diabetic Problem	14
Eye Problem/Injury	2
Falls	184
Headache	7
Heart Problems/AICD	5
Heat/Cold Exposure	2
Hemorrhage/Laceration	24
Medical Alarm	2
No Other Appropriate Choice	140
Overdose/Poisoning/Ingestion	12
Pregnancy/Childbirth/Miscarriage	2
Psychiatric Problem/Abnormal Behavior/Suicide Attempt	48
Sick Person	201
Stroke/CVA	27
Traffic/Transportation Incident	32
Traumatic Injury	11
Unconscious/Fainting/Near-Fainting	13
Unknown Problem/Person Down	104

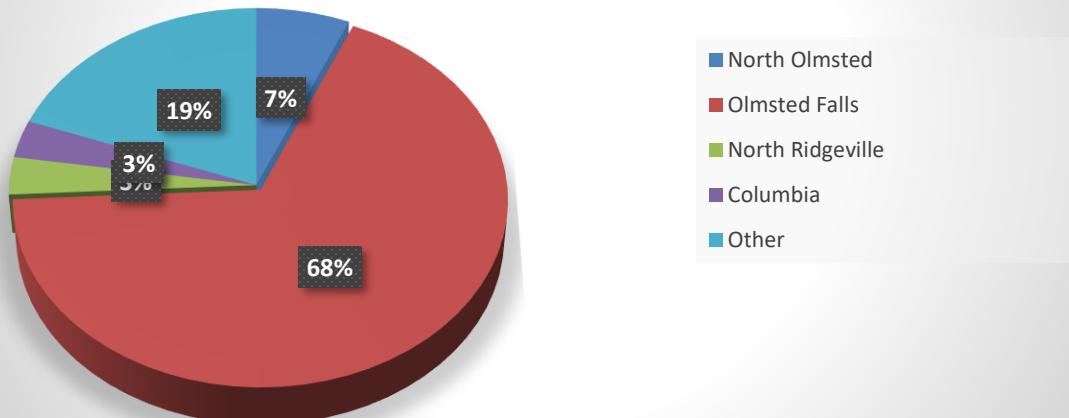
2020 Automatic Aid Statistics

We work together with other departments to provide excellent service.

Automatic Aid Received Fire

North Olmsted	2
Olmsted Falls	21
North Ridgeville	1
Columbia	1
Other	6
Total	31

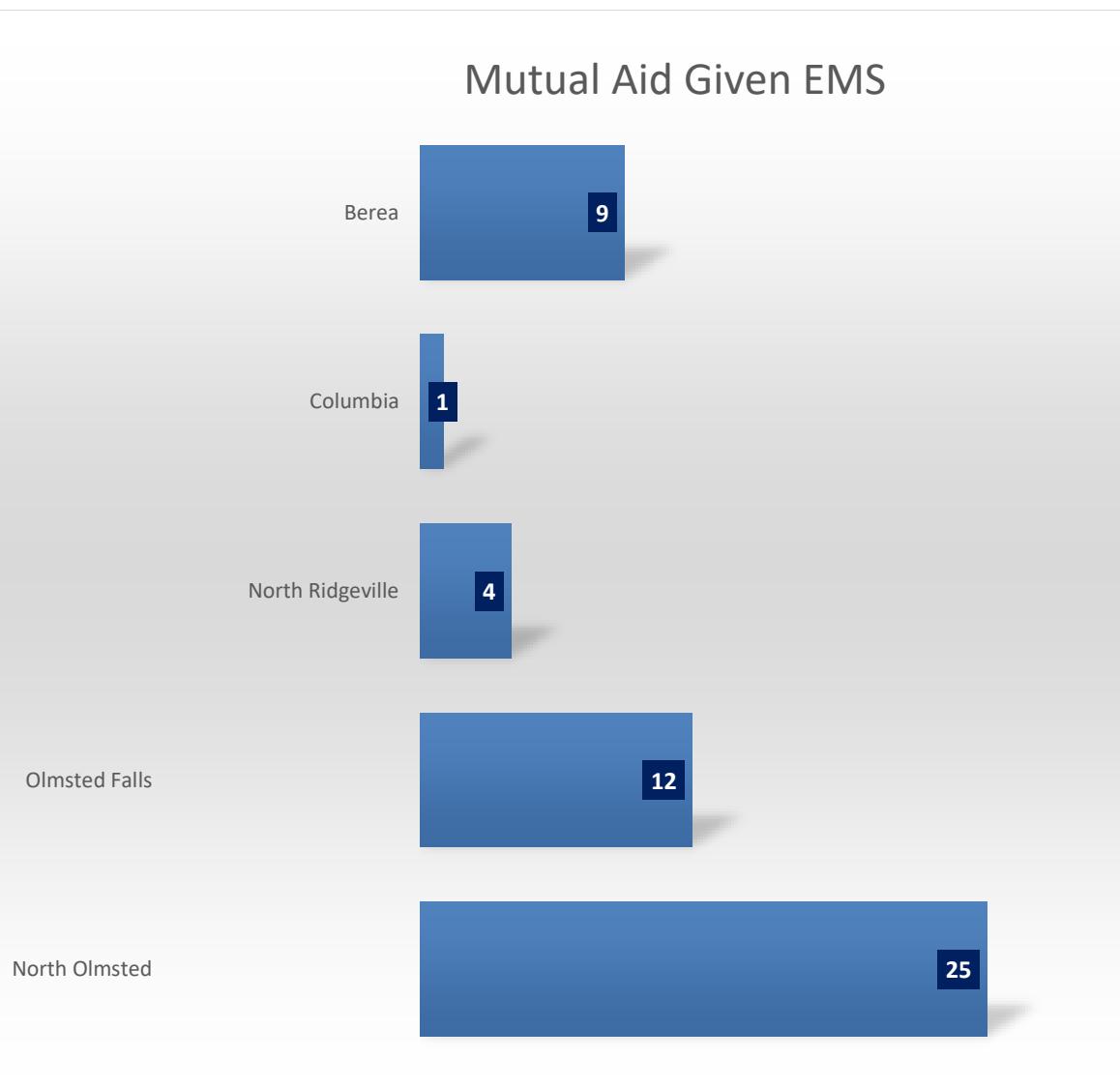
Automatic Aid Received - Fire



Mutual Aid Given - EMS

North Olmsted	25
Olmsted Falls	12
North Ridgeville	4
Columbia	1
Berea	9
Total	51

Mutual Aid Given EMS



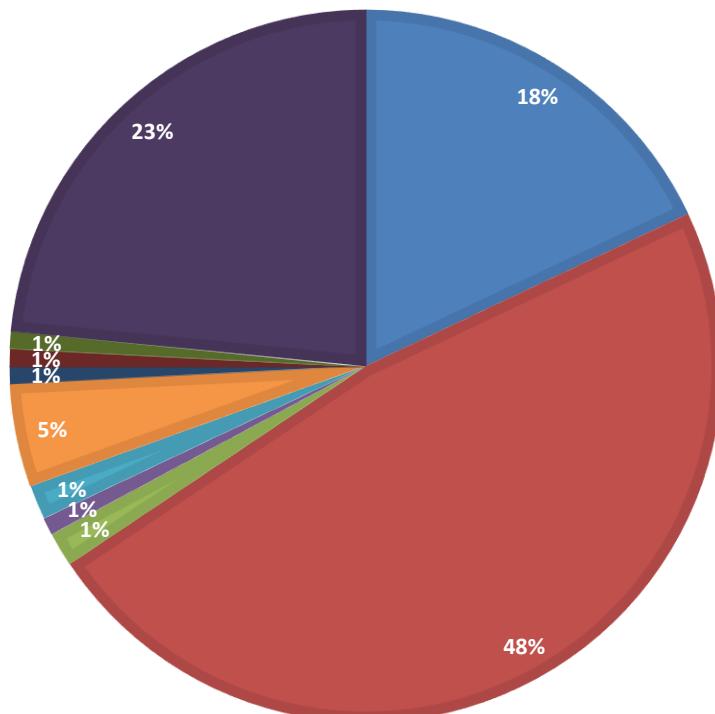
Mutual Aid Received Fire

North Olmsted	23
Olmsted Falls	61
North Ridgeville	2
Columbia	1
Westlake	2
Berea	6
Brook Park	1
Middleburg Hgts	1
North Royalton	1
Other	30
Total	128



OLMSTED

2020 MUTUAL AID RECEIVED

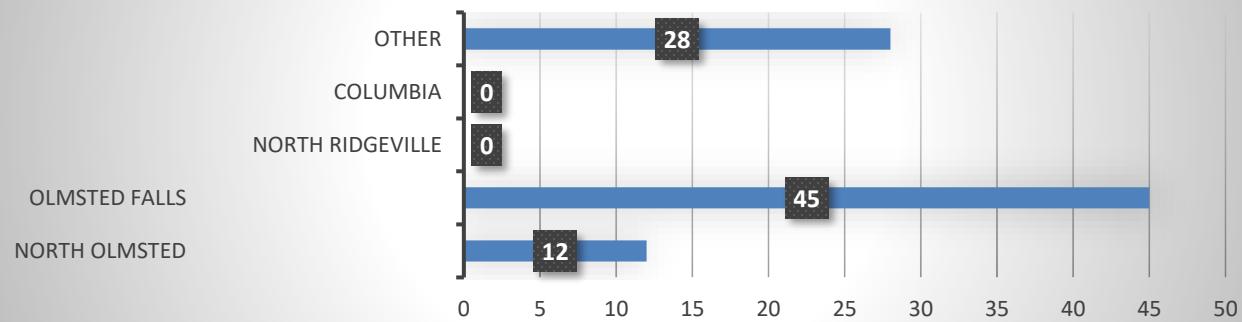


Mutual Aid Statistics - 2020

Mutual Aid Received - EMS

North Olmsted	12
Olmsted Falls	45
North Ridgeville	0
Columbia	0
Other	28
Total	85

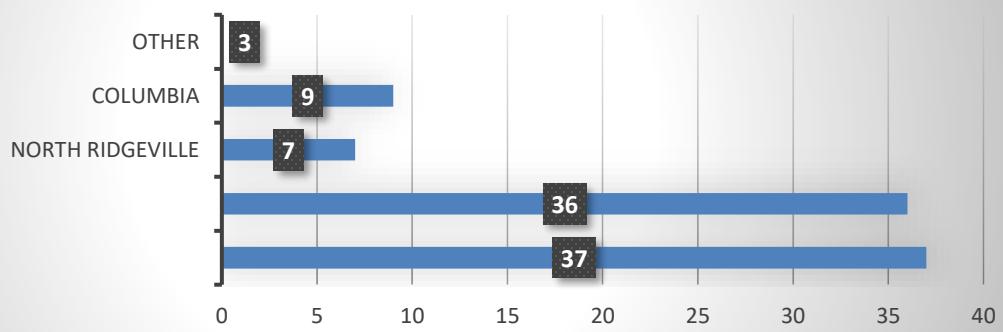
Mutual Aid Received - EMS



Mutual Aid Given - Fire

North Olmsted	37
Olmsted Falls	36
North Ridgeville	7
Columbia	9
Berea	3
Total	89

Mutual Aid Given - Fire



2020 Training Summary

COVID – 19 lockdown cancelled or prevented many training opportunities from occurring but even with those restrictions our firefighters and officers completed over 600 hours of fire training.

All firefighters on the department are required to complete 18 hours of continuing education every year. This training can be acquired in house through one of our certified instructors, or any other state accredited school or program. The following topics were covered in 2020:

Basic Origin and Cause of Fire, Fire Safety Inspector Update, Size up and Command, Fire Attack (Fire Blast Trailer), Haz-Mat Training, Search and Rescue, Aerial Ladder training, Pump Operations, Accountability System, Firefighter Survival Techniques, Thermal Imaging Camera Operations, Strategies and Tactics, Tactical Paramedic Training, Fire Investigation, Building Construction, Vehicle Extrication, Ice Rescue Training, Ventilation Techniques, Ground Ladder Training, Hose Loads, Scene/ Incident Size Up, and Incident Command.

Completed hours of fire training: 723 documented hours

Classes attended or brought to OTFD:

- Strategies and Tactics review
- Ohio Fire Programs Fire Behavior Lab
- Fire Inspector
- Data Analysis
- Rescue Task Force Operations





2020 EMS Training Summary

COVID – 19 lockdown cancelled or prevented many training opportunities from occurring, but even with those restrictions our firefighters and officers completed 200 hours of EMS training.

All State of Ohio certified paramedics must meet the following Emergency Medical Pre-Hospital Care requirements for license renewal every three (3) years.

86 hours of Continuing Education (CE) to include:

- 12 hours of pediatric
- 4 hours of geriatric
- 6 hours of cardiac care
- 8 hours of trauma to include the Ohio Trauma Triage course
- Advanced Cardiac Life Support (ACLS) certification
- CPR certification

All department members are provided CE hours through the instructors of Southwest General Hospital. We also receive supplemental instruction and hours from University Hospitals. Through Southwest we also have access to a web-based CE service through Fire Rescue.

Topics covered in 2020 included:

Pediatric, Geriatric, Trauma, Skills Labs, Documentation, Mass Casualty, Active Shooter, EKG Reading and Interpretation, EMS Run Review, CPR Recertification, ACLS recertification.

Completed hours of EMS training: 709 documented hours

This does not reflect outside training. EMS training outside of the department is tracked by the individual.



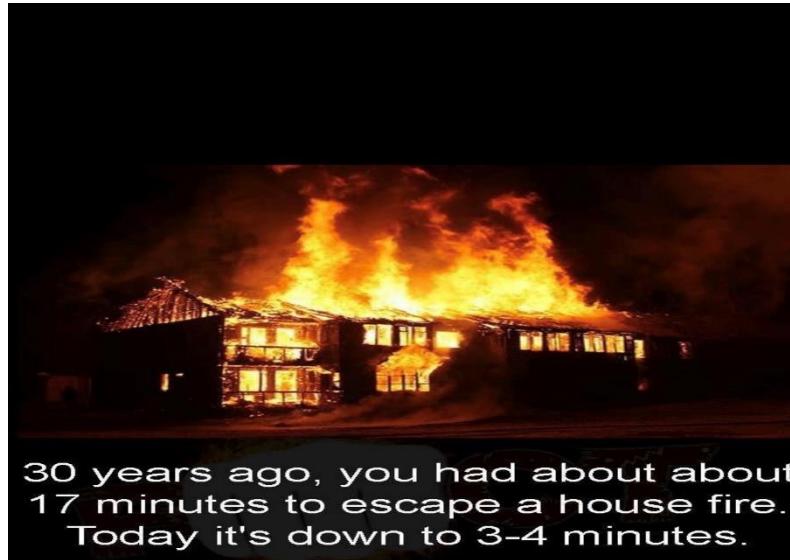
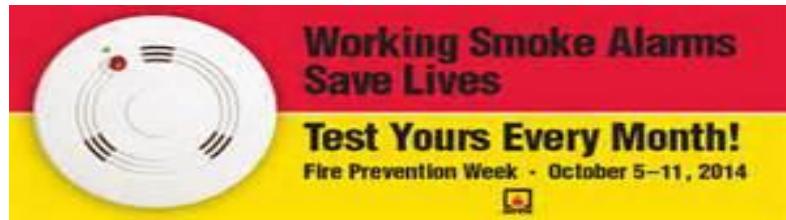
OTFD Programs

The OTFD has numerous programs available to our residents and businesses including the following:

- An annual life safety inspection program for all of our schools & businesses
- A smoke alarm program (partnership with the American Red Cross)
- A File-of-Life Program to notify the responders of any serious health conditions
- A Knox-Box Program for our businesses
- A Residential Lock-Box Program for our residents
- A Community CPR/First Aid/Stop the Bleed Program – **free to Township residents!!**
- A reading program in our schools
- A Fire Prevention Home Fire Safety Coloring Contest for our schools

Our vision for the future includes expanding these vital activities to businesses, residents and visitors in the Olmsted Community in addition to enhancing our readiness to respond to emergencies in this growing community. As of January 1st, 2020, we no longer charge Township Residents for the Basic CPR course!

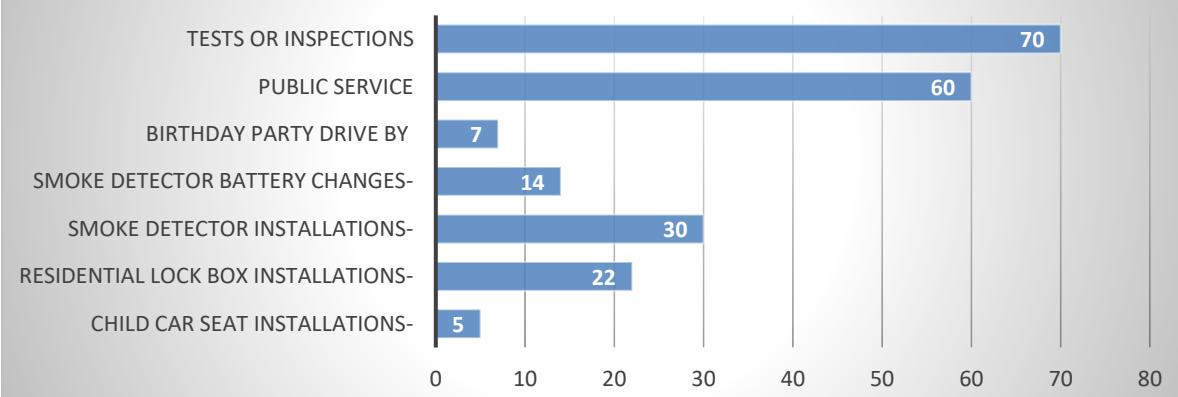




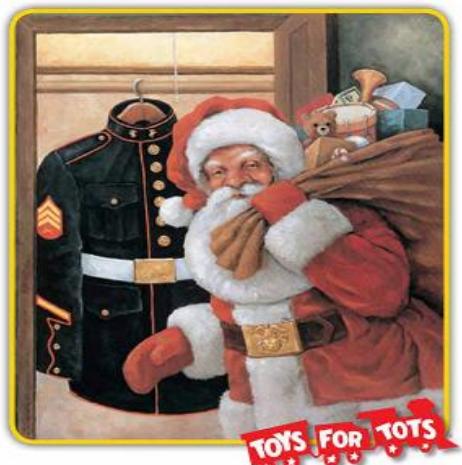
Other OTFD Services – MANY WERE SUSPENDED BECAUSE OF COVID

Child Car Seat Installations	5
Residential Lock Box Installations	22
Smoke Detector Installations	30
Smoke Detector Battery Changes	14
Birthday Party Drive-By	7
Public Service	60
Tests or Inspections	70

2020 Community Engagement



Toys for Tots



2020 Impact
\$1,100.00 Collected
3,200 Toys Collected



Over 320 Families Supported

Welcome

The Olmsted Township Fire Department added (4) four new part time firefighter/ paramedics to our ranks in 2020. These men have helped increase our daily staffing levels and provide us with more operational flexibility, they each average one 24 hour shift a week and have the same expectations as a full time firefighter.

Welcome to the department!

Before a firefighter can be hired, they must pass the following portions:

- Must be a State Certified Firefighter II and Paramedic
- Firefighter Combat Challenge (Agility Course; under 4:30)
- First Interview
- Background Check
- Physical Exam
- Second Interview



2020 Vehicle Fleet Report

Medic 1

VIN/ Manufacturer's JOB/S.O./BUILD Number

1FDXE4FS4GDC23690

YEAR

2016

MAKE & MODEL

Ford E450

ENG & TRANS

V-10 Gas and Automatic Transmission

PUMP (If Applicable)

N/A

MILEAGE

71,127

ENGINE HOURS

N/A



Medic 2

VIN/ Manufacturer's JOB/S.O./BUILD Number

1HTMNAAM9AH286334

Braun #5533

YEAR

11/2009

MAKE & MODEL

International

4300 LP/ Braun

ENG & TRANS Max Force and Automatic Transmission

PUMP (If Applicable)

N/A

MILEAGE

98,126

ENGINE HOURS

6,793

Replace in 2023



Engine 5

VIN/ Manufacturer's JOB/S.O./BUILD Number

4EN3AAA81Y1001796

S.O. 121796

YEAR

05/2000

MAKE & MODEL

E-ONE Pumper

Cyclone 2

ENG & TRANS

Red Top Cummins (450 HP)

Allison Automatic Transmission

PUMP (If Applicable)

Hale QSMG150-21

1500 Gallon per Minute Capacity

MILEAGE

54,266

ENGINE HOURS

4,975



Ladder 6

VIN/ Manufacturer's JOB/S.O./BUILD Number

4EN3AAA80S1004904

S.O. 14904

YEAR

07/1995

MAKE & MODEL

E-ONE 75' Ladder

ENG & TRANS

Red Top Cummins (500 HP)

Allison Automatic Transmission

PUMP (If Applicable)

Hale OG150-21

1500 Gallon per Minute Capacity

MILEAGE

32,851

ENGINE HOURS

3,980



Car 3

Utility/Chase Vehicle

VIN/ Manufacturer's JOB/S.O./BUILD Number

1FTBF2B67HEB18291

ENG & TRANS

6.2L V8 EFI

MILEAGE

25,103

MAKE & MODEL

Ford F-250 Super Duty with Reading Utility Body



Chief's Car- Car 1

VIN/ Manufacturer's JOB/S.O./BUILD Number

1FAHP2MK7GG154831

ENG & TRANS

3.5L Ti-VCT V6 FFV

MILEAGE

43,595

YEAR

2016

MAKE & MODEL

Ford Taurus



Car 2

Command Vehicle



VIN/ Manufacturer's JOB/S.O./BUILD Number

1FMJU1G50EEF31513

YEAR

02/2014

MAKE & MODEL

Ford Expedition 4x4

ENG & TRANS

5.4L V8 with Automatic Transmission

MILEAGE

49,587

Rescue Trailer

VIN/ Manufacturer's JOB/S.O./BUILD Number

5NHUHA22XEW067110

YEAR

01/2014

MAKE & MODEL

Forrest River

12 Foot Tandem Axle

Enclosed Trailer

KNOWN DISCREPANCIES/ISSUES

None



2020 Hydrant Flushing and Maintenance

From May until the end of June, department members flushed and serviced all of the fire hydrants in the Township. This is important to ensure that the hydrants are not only operational, but this also flushes excess rust and corrosion from the interior surfaces of metal pipes. Approximately 950 hydrants now exist in the community. With the addition of some new developments and ongoing infrastructure, the number of fire hydrants will continue to increase. At the end of 2020 we only have a few areas in the Township without fire hydrant protection. Those areas are:

1. Jennings Road south of Bagley to the Irish American Club
2. Sprague Road west of Grand Oaks
3. Sprague Road between Usher Road and Woodgate Farms
4. Usher Road from Locust Drive south to Sprague Road
5. Fernhall and Thornbrook

To accommodate these non-hydrant areas we have changed our Mutual Aid Box Alarm System (MABAS) to automatically call for CLE Airport and Columbia Township Fire Department's Water Tanker to assist us for fires.

Thanks to Cleveland Water for keeping our hydrants in great shape!



2020 Hose Testing

Every section of fire hose is service tested by the department every year. Below is a summary of those tests.

1 ¾" Hose- Used primarily for fire attack

1. 40 sections were tested and passed for a total of 2,100 feet.
2. 6 sections were removed due to failure.

2 ½" Hose- Used as fire attack and supply line

1. 40 sections were tested and passed for a total of 2,050 feet.
2. 2 sections were removed due to failure.

5" Hose- Used as supply line

1. 22 sections were tested and passed for a total of 2,100 feet
2. 1 section was removed due to failure.

We have started a replacement program to replace the oldest (26 years!) pieces and ensure that our staff and your property gets the best and most reliable fire protection available. In 2020 we replaced 15 sections of attack line (1 ¾ and 2 ½) and 5 sections of supply line (5 inch).



Capital Purchases

The following items were purchased in 2020 and are considered as capital inventory:

- New Ambulance – Medic #3 – scheduled to arrive in late Sept 2021.
- Replacement for rear end of Medic #2 – Liquid suspension to improve ride for patients.
- New chairs for Day Room.
- New hose and nozzles to replace aging equipment.
- New RIT Bag for down firefighter rescue.



Grants

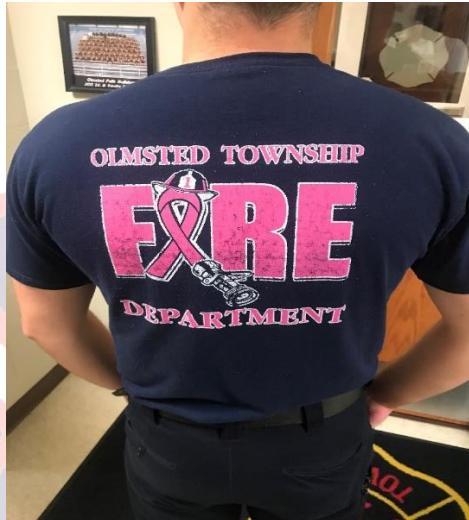
The Olmsted Township Fire Department applies for many grants during the year. During the pandemic the department received over \$100,000.00 in awards which were used to cover the cost of equipment that reduced or minimized the chances of contracting or spreading disease from patient to provider.



OTFD Breast Cancer Awareness Month

No we didn't leave a red towel in with our uniforms!!

Each October the OTFD proudly wears pink in support of breast cancer awareness month!



Back in the 80's – before there was COVID - we played Dodgeball!!

Olmsted Falls High School PTA Senior Scholarships



2021 Goals

- Define the Vision & Values of the Fire Department
- New Medic Unit delivery and & Specify New Engine and purchase
- Address peak times – add additional part time staff to peak call times
- Maintain the Ladder & Medic 2 as viable backup resources
- Resume Community Engagement Efforts post pandemic
 - Continued School Outreach
 - CPR, Smoke Alarms, Lock Boxes, File of Life, Car Seat Installs, etc.
 - Maintain the Life Fire Safety Prevention Program for our Businesses
- Continue our Standardized Fire, Rescue and Medical Training Programs
- Develop a Long-Range Strategic Plan for the Fire Department



Firefighters Prayer

**When I am called to duty God, wherever flames may rage,
give me strength to save a life, whatever be its age.**

**Help me to embrace a little child, before it is too late,
or save an older person from the horror of that fate.**

**Enable me to be alert, to hear the weakest shout,
and quickly and efficiently to put the fire out.**

**I want to fill my calling and to give the best in me,
to guard my every neighbor and protect his property.**

**And if according to your will I am to lose my life,
please bless with your protecting hand, my loving family from all strife.**



