

Olmsted Township Fire Department

2021 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 Fire Chief Kelly

It is my honor and privilege to present to you the Olmsted Township Fire Department Annual Report for 2021.

The Olmsted Township Fire Department (OTFD) strives to provide our community with outstanding Emergency Medical, Fire and Rescue Services. The OTFD is a combination fire department *meaning we have both full-time and part-time firefighters; we are staffed with 14 full-time members and are budgeted for up to 12 part-time members. We operate out of one fire station, which is 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, these are provided by two different funding/revenue sources; an Ambulance Fund (revenue received from insurance claims for billing of our emergency medical transports), a Fire Levy Fund (which consists of a continuous fire levy voted for by the residents in 2010) and an additional Operations Levy (passed in 2019 that will expire in 2024). *Our front-line engine and older medic unit are slated for replacement this year utilizing the new levy funding.* We humbly thank you for your support and will do our utmost to serve your needs and maintain your confidence!

In 2021, the Olmsted Township Fire Department responded to 2,197 emergency calls for service. Of those emergency incidents, 1,837 were emergency medical incidents, 290 were fire and/or rescue incidents and 70 were service-related incidents. The number of our simultaneous or overlapping calls (defined as two (2) or more calls in an hour) has increased to 621, which is over 28% of our calls. In 2012, we responded to 186 simultaneous calls. We maintain two advanced life support medic units, one frontline fire engine and one fire ladder truck in our fleet and other ancillary vehicles to support our mission. In addition, the OTFD inspected all our businesses and institutions and provided several community outreach/service interactions.

I would like to thank the Olmsted Township Trustees and the entire Leadership Team for their support, guidance, and confidence. Our Officers and Firefighters for their dedication and service. And our residents, and businesses for your continued support!

We will always strive to provide you with the best possible service and to be good stewards of our resources. In 2022, we will be conducting a strategic plan (operational analysis) to ensure we are doing this for you by carefully planning for the future needs of Olmsted Township.

If you need further clarification on any information provided in this report or have questions about the services/programs we provide, please contact me by phone (440-235-3746) or by email at pkelly@olmstedtownship.org

Respectfully yours,

Patrick Kelly

2021 OTFD Organizational Chart



2021 Statistics

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

5.89 Minutes

Busiest Month

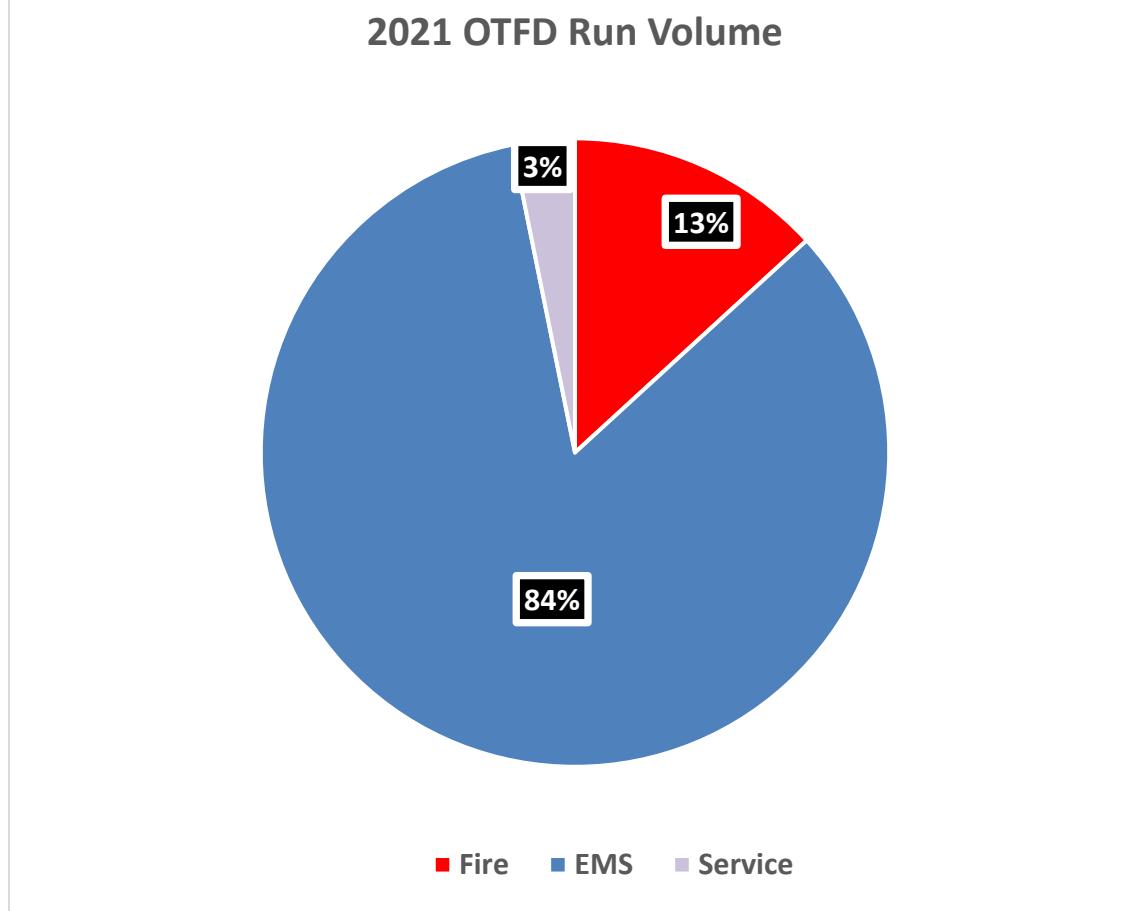
December with 230 and August coming in second with 229.

Busiest Time of Day

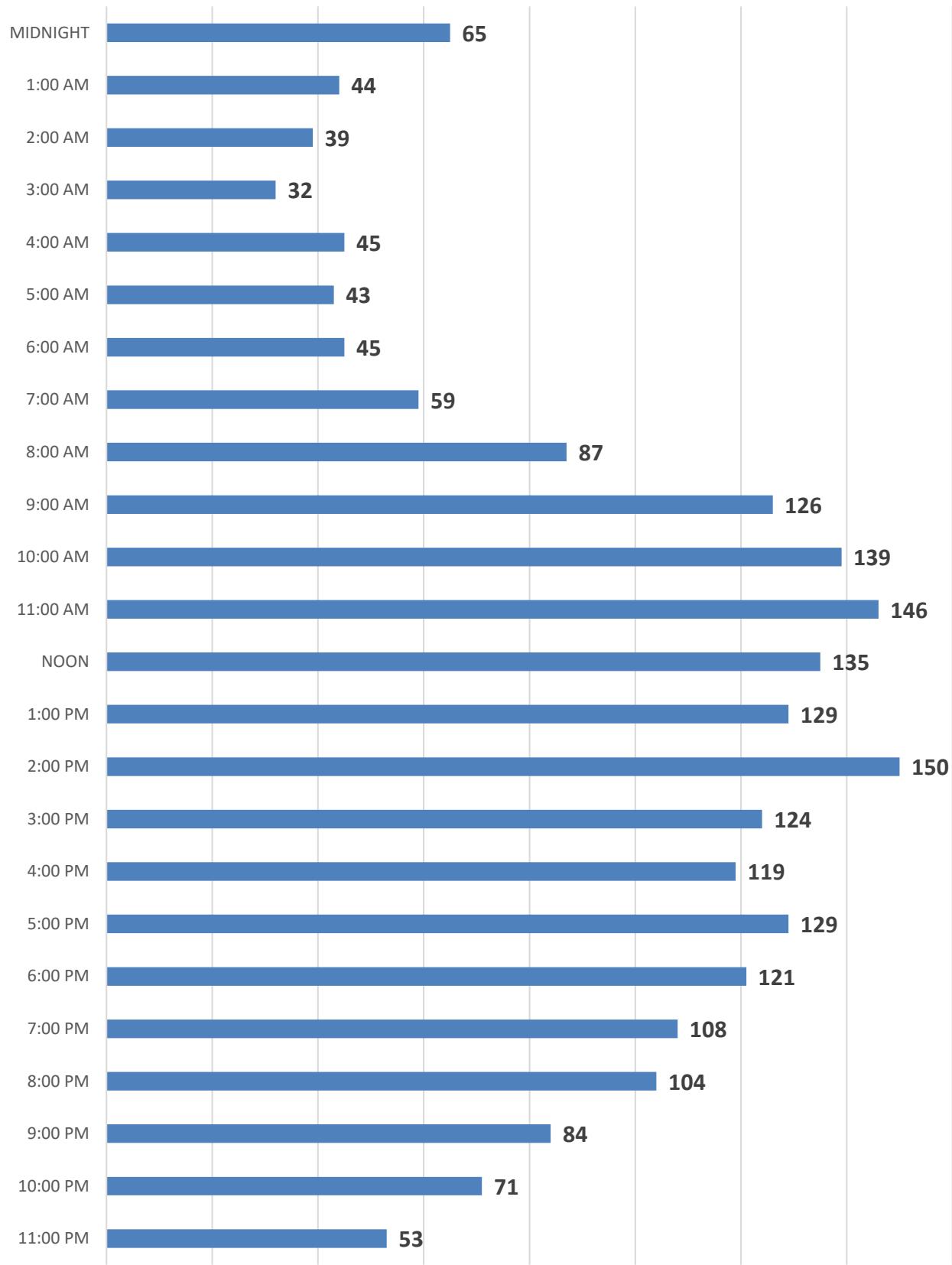
2 PM - 150 incidents – 11 AM second with 146.

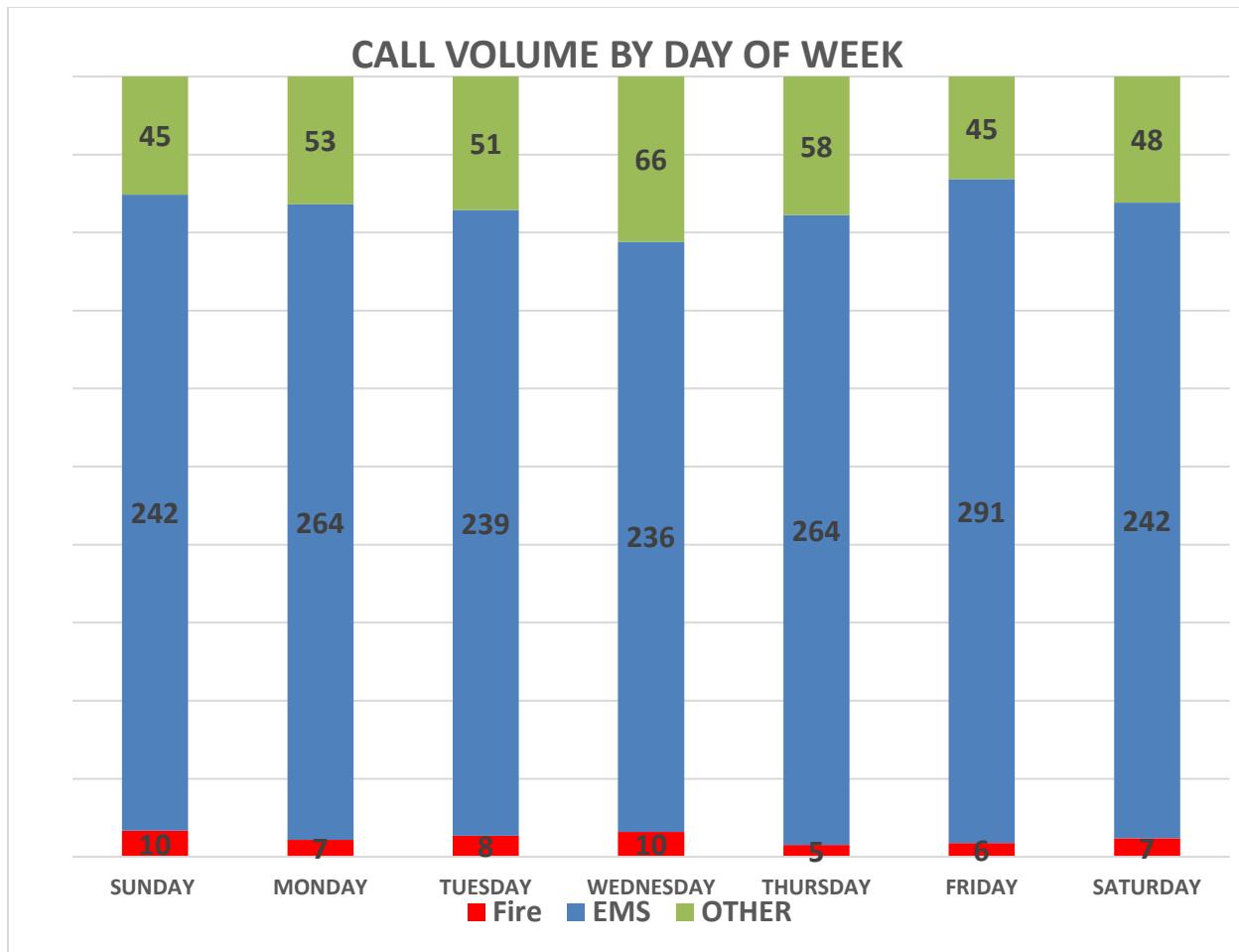
Total Incidents by Type

1. Fire	290	13%
2. EMS	1,837	84%
3. Service	70	3%
Total	2,197	100%



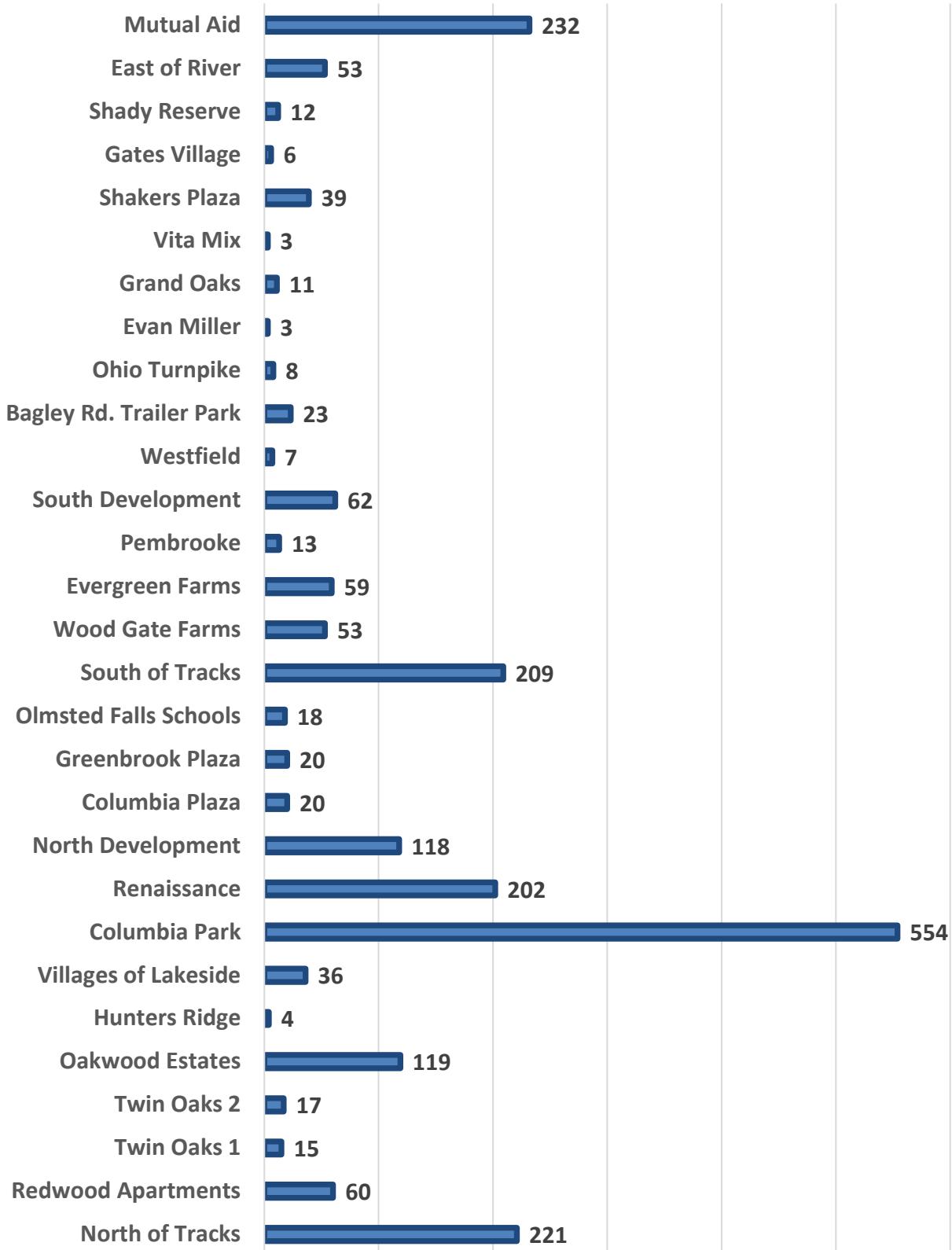
2021 CALLS BY TIME OF DAY





Call Volume by Day of Week			
	Fire	EMS	Other
Sunday	10	242	45
Monday	7	264	53
Tuesday	8	239	51
Wednesday	10	236	66
Thursday	5	264	58
Friday	6	291	45
Saturday	7	242	48
Total	53	1,778	366

2021 Responses by Neighborhood



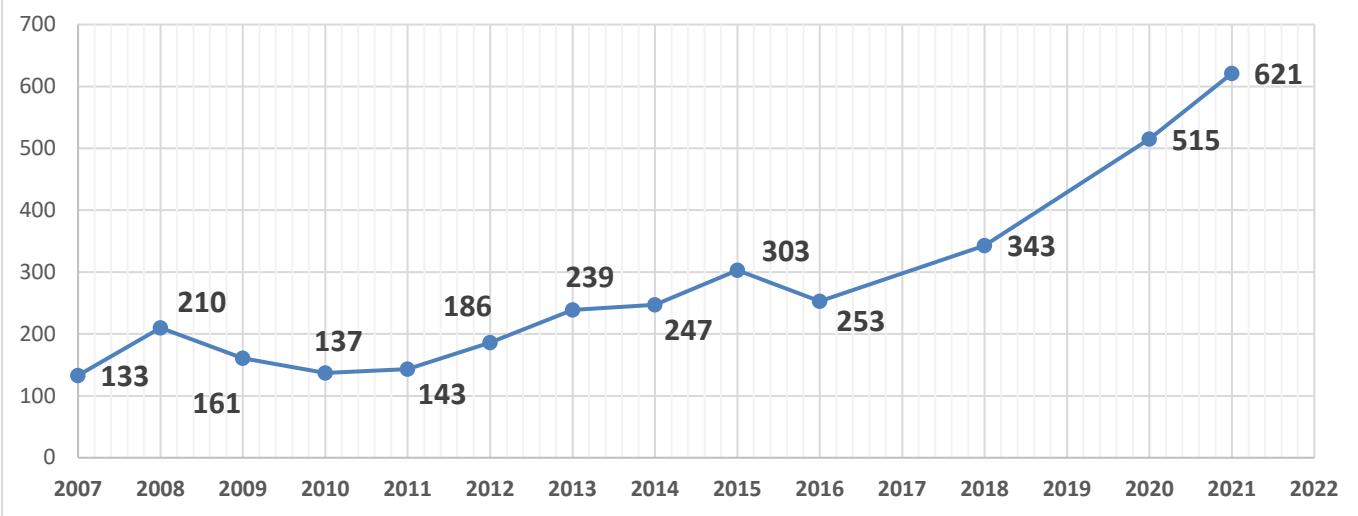
Simultaneous (Overlapping) Calls

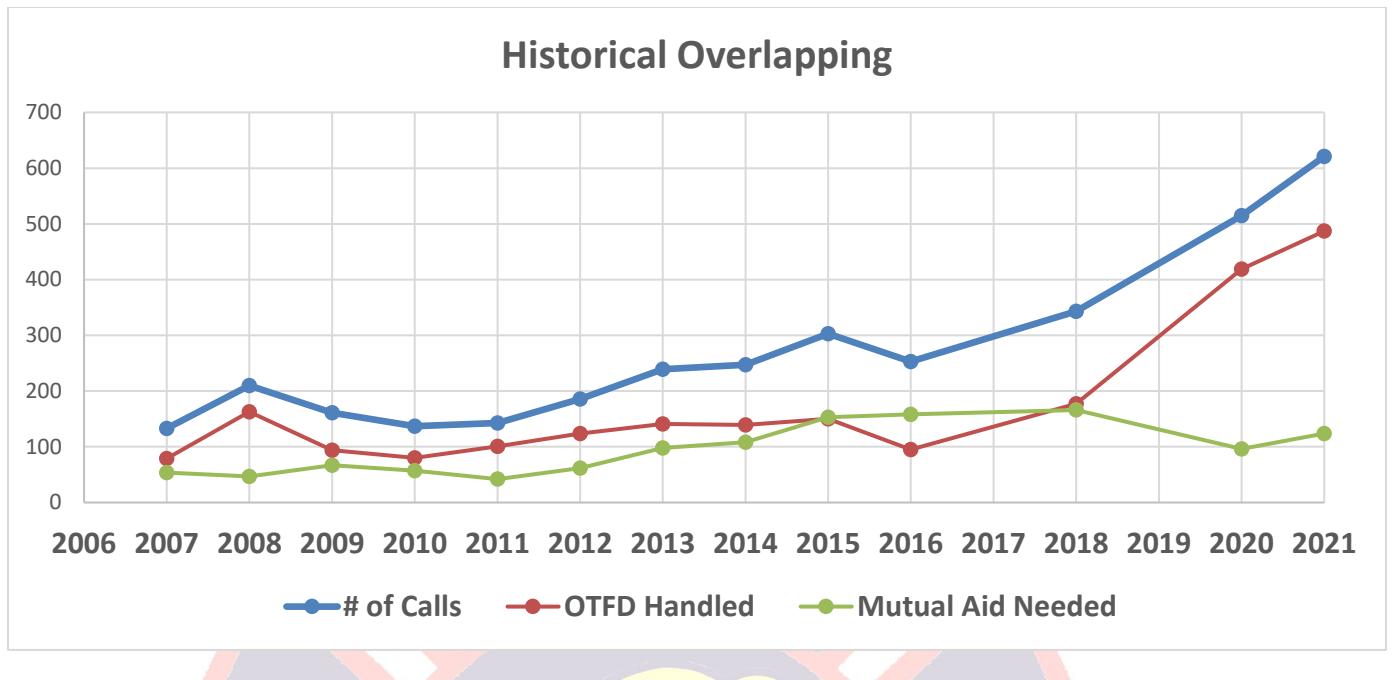
OTFD ran 621 simultaneous calls in 2021, which is 28% of our total call volume. A simultaneous call is defined as a second (third or fourth call) that comes in one hour or less after the first call.

Trending History of Overlapping Emergency Calls

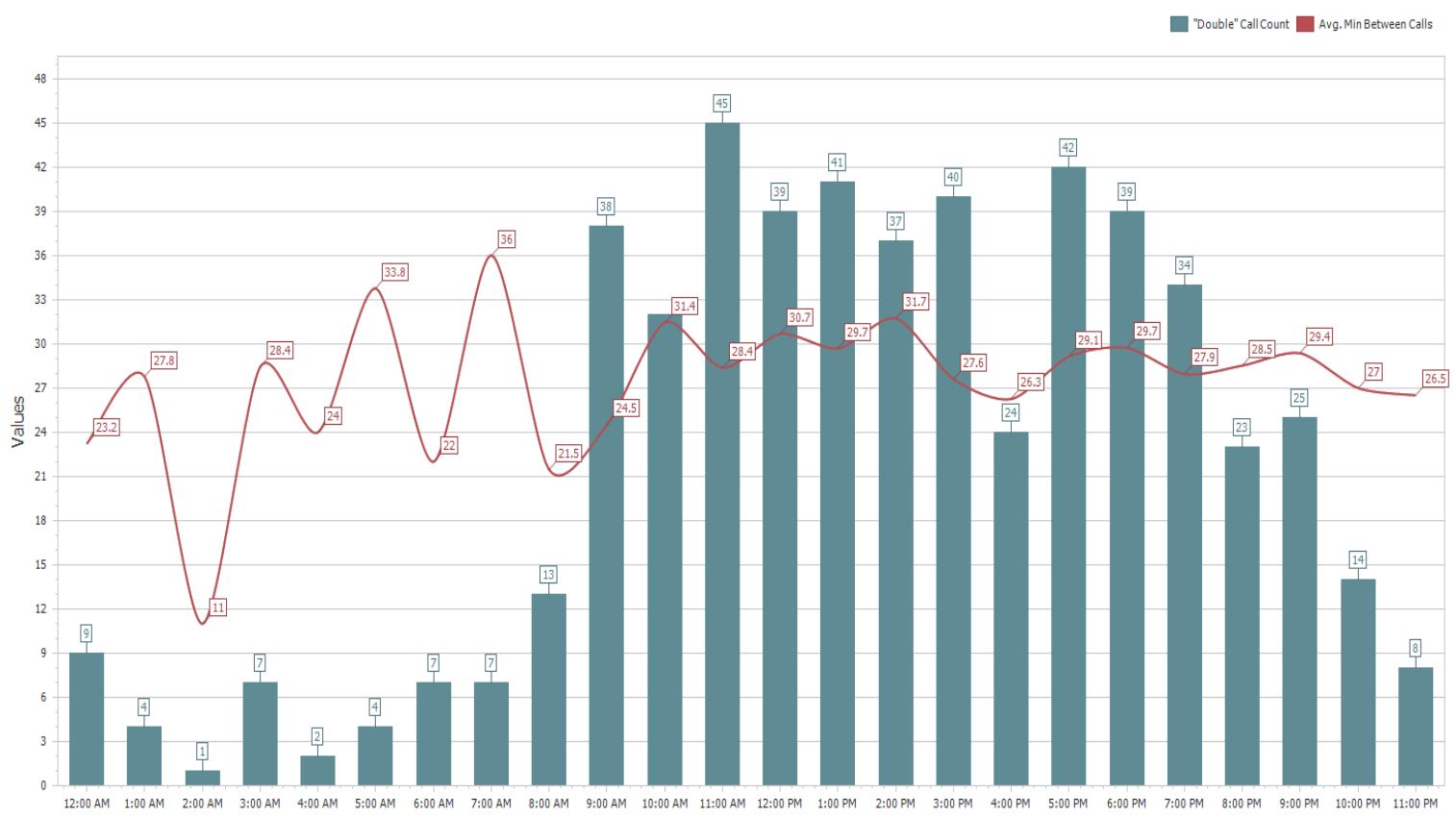
Year	# of Calls	OTFD Handled	Mutual Aid Needed	Staffing
2007	133	79	54	4
2008	210	163	47	4
2009	161	94	67	4
2010	137	80	57	4
2011	143	101	42	4
2012	186	124	62	4
2013	239	141	98	3
2014	247	139	108	3
2015	303	150	153	3
2016	253	95	158	3
2018	343	177	166	3
2020	515	419	96	4
2021	621	487	124	4

History of Overlapping calls





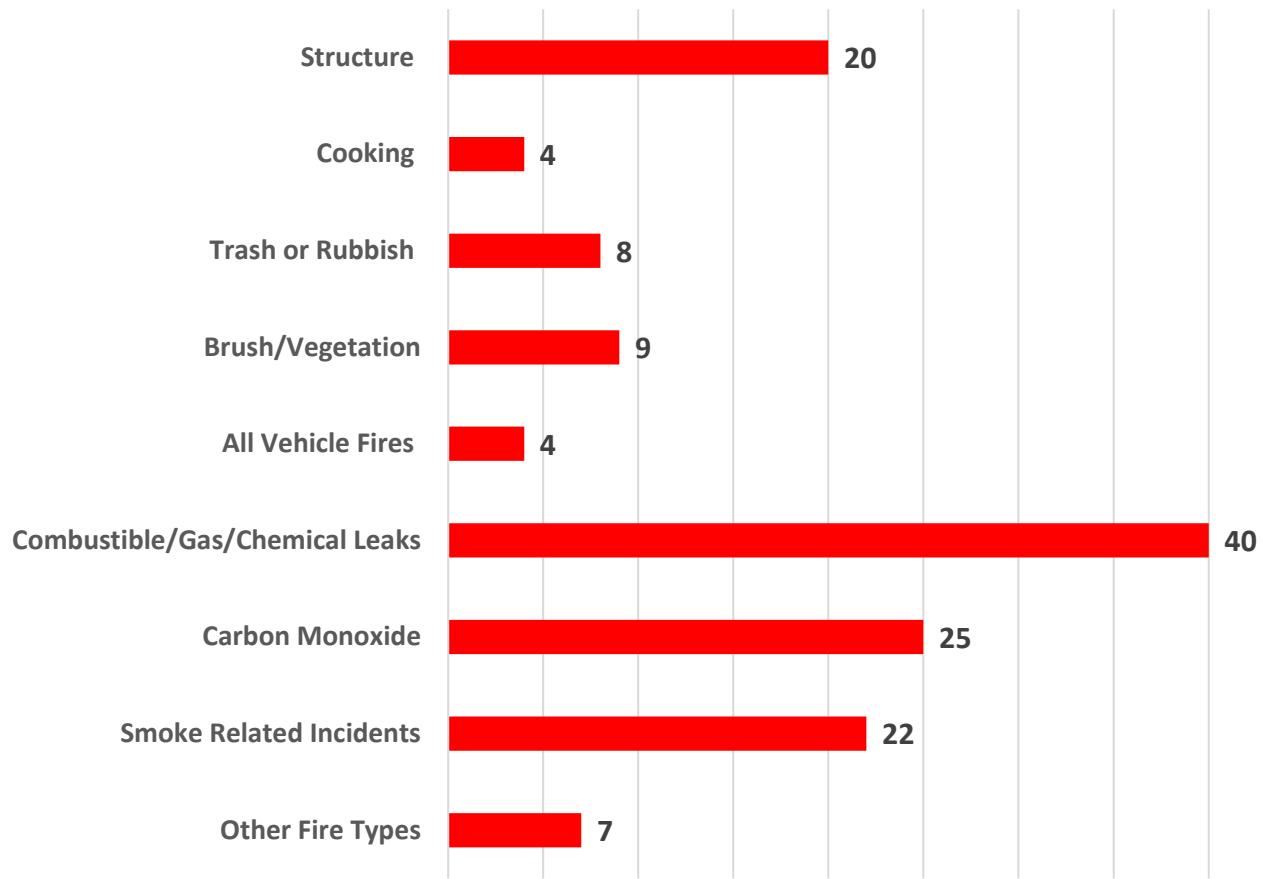
2021 Overlapping by Time of Day



2021 Fire Incident Statistics

Type of Fire Incidents	Number of Fire Related Incidents
Structure	20
Cooking	4
Trash or Rubbish	8
Vegetation or Brush	9
All Vehicle Fires	4
Carbon Monoxide	25
Combustible/Gas/Chemical Leaks	40
Smoke Related Incidents	22
All other Fire Types	7

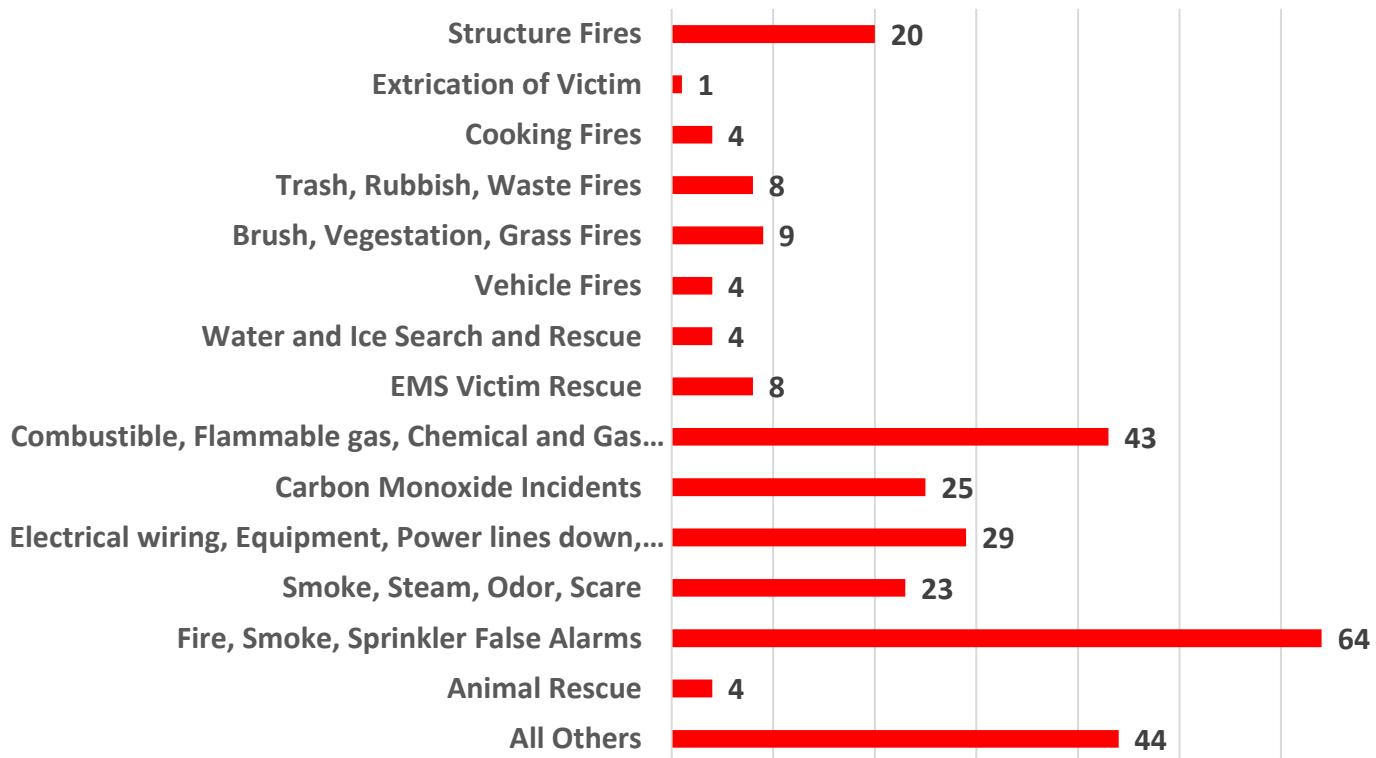
2021 Types of Fire Incidents



2021 Fire/Rescue Incident Statistics

Structure Fire	20
Extrication of Victim	1
Cooking Fire	4
Trash, Rubbish, Waste Fire	8
Brush, Vegetation, Grass Fire	9
Vehicle Fires	4
Water and Ice Search and Rescue	4
Combustible, Flammable Gas, Chemical and Gas Leaks	43
EMS Victim Rescues	8
Carbon Monoxide Incidents	25
Electrical wiring, Equipment, Power lines down, Arcing	29
Smoke, Steam, Odor, Scare	23
Fire, Smoke, Sprinkler False Alarms	64
Animal Rescue	4
All Others	44

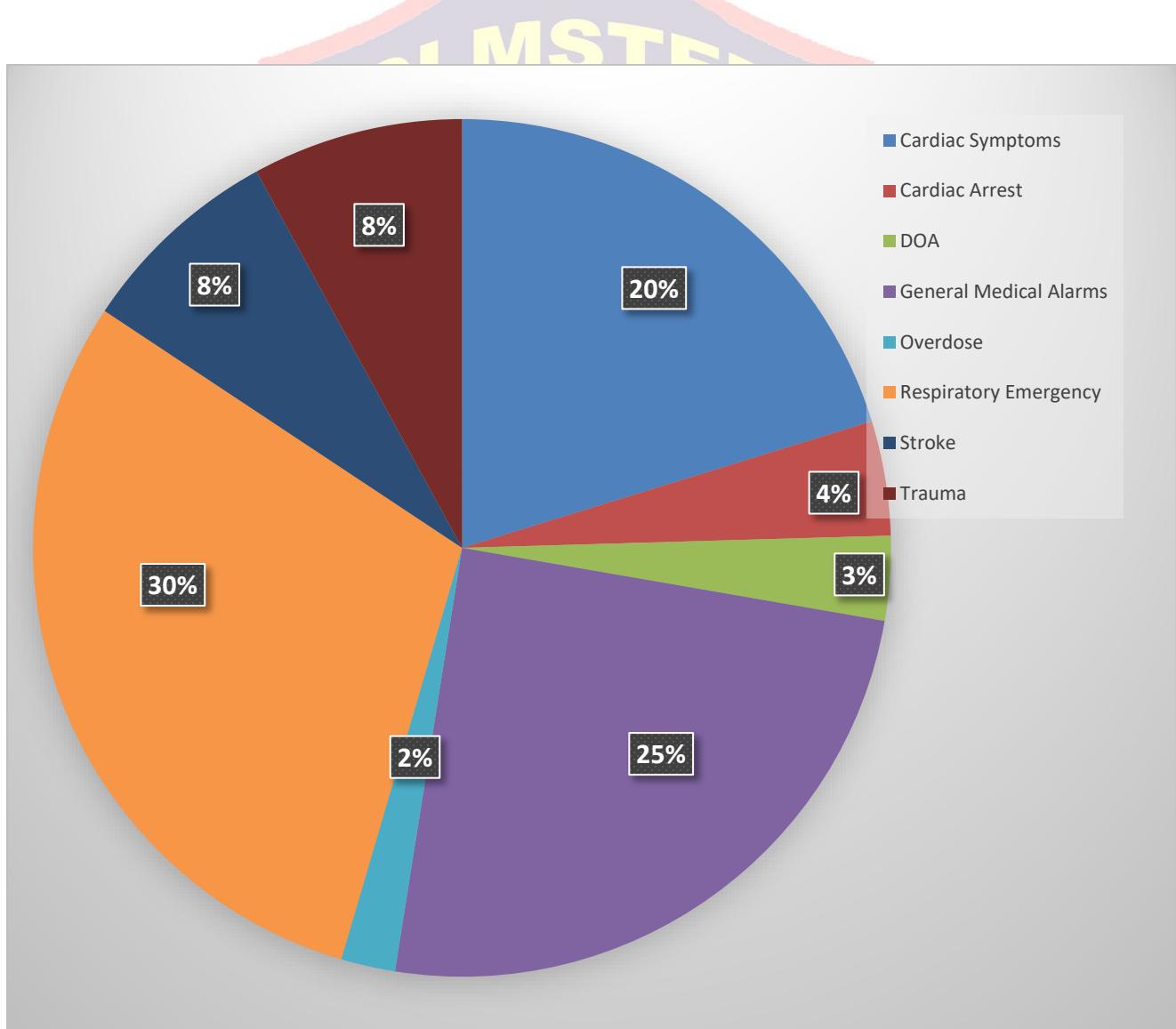
2021 Fire/Rescue Incident Statistics



2021 EMS Statistics

Call Types

Cardiac Symptoms	89
Stroke	34
Trauma	35
Respiratory Emergency	131
Cardiac Arrest	19
DOA	14
Overdose	9



2021 EMS Call Statistics

Abdominal Pain/Problems	57
Allergic Reaction/Stings	5
Assault/Sexual Assault	6
Back Pain (Non-Traumatic)	31
Respiratory Distress	131
Burns/Explosion	1
Carbon Monoxide	4
Cardiac Arrest/Death	23
Chest Pain (Non-Traumatic)	80
Chocking	11
Convulsions/Seizures	24
Diabetic Problem	15
Eye Problem/Injury	3
Falls	221
General Medical Alarms	119
General Weakness	121
Headache	10
Heart Problems/AICD	19
Heat/Cold Exposure	2
Hemorrhage/Laceration	27
Hypertension	16
Loss of Consciousness	48
Overdose/Poisoning/Ingestion	9
Pregnancy/Childbirth/Miscarriage	5
Psychiatric Problem/Abnormal Behavior/Suicide Attempt	75
Public and Lift Assists	187
Sick Person	184
Stroke/CVA	34
MVA/Traffic/Transportation Incident	55
Traumatic Injury	35
Unconscious/Fainting/Near-Fainting	26
Unresponsive	31
Unknown Problem/Person Down	52
All Others	158

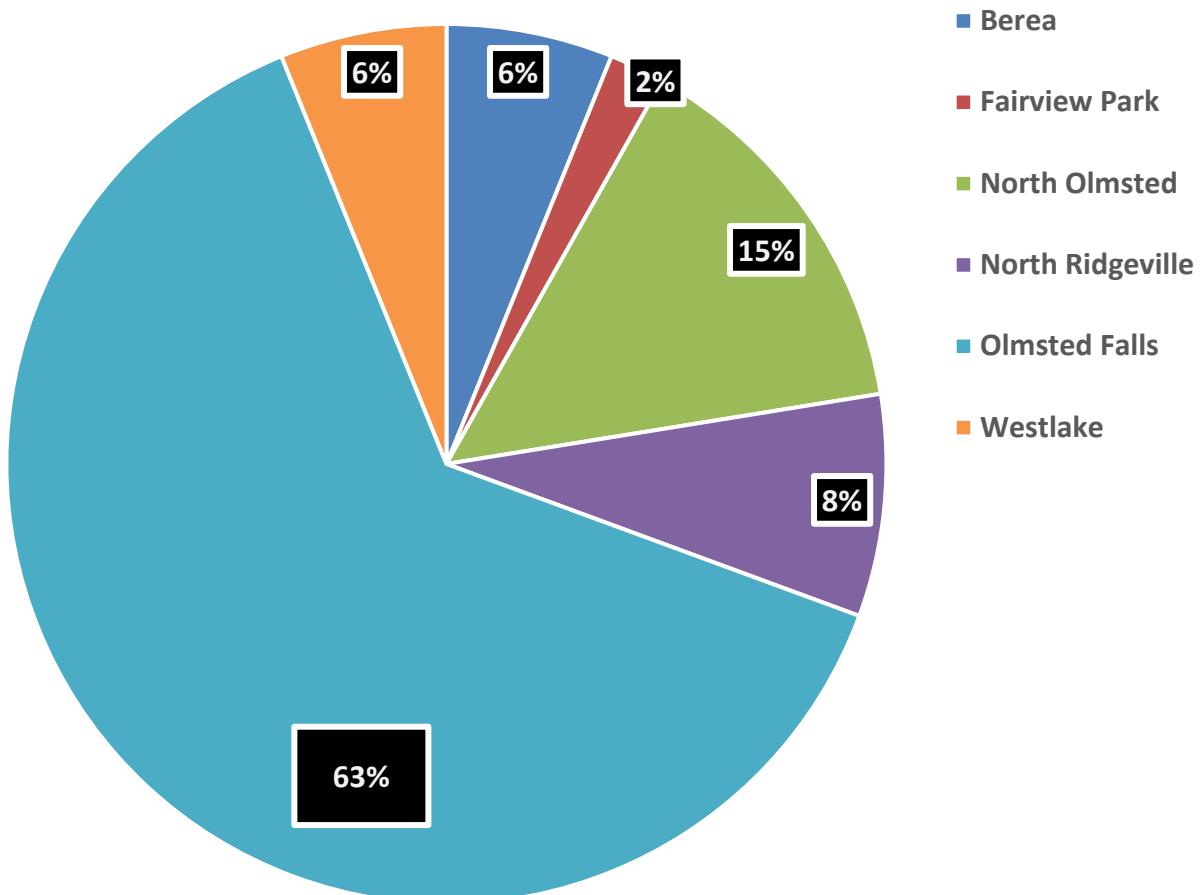
2021 Automatic Aid Received

We work together with other departments to provide excellent service.

Automatic Aid Received - EMS Calls – Olmsted Falls - 6

Automatic Aid Calls Fire	
Berea	3
Fairview Park	1
North Olmsted	7
North Ridgeville	4
Olmsted Falls	31
Westlake	3

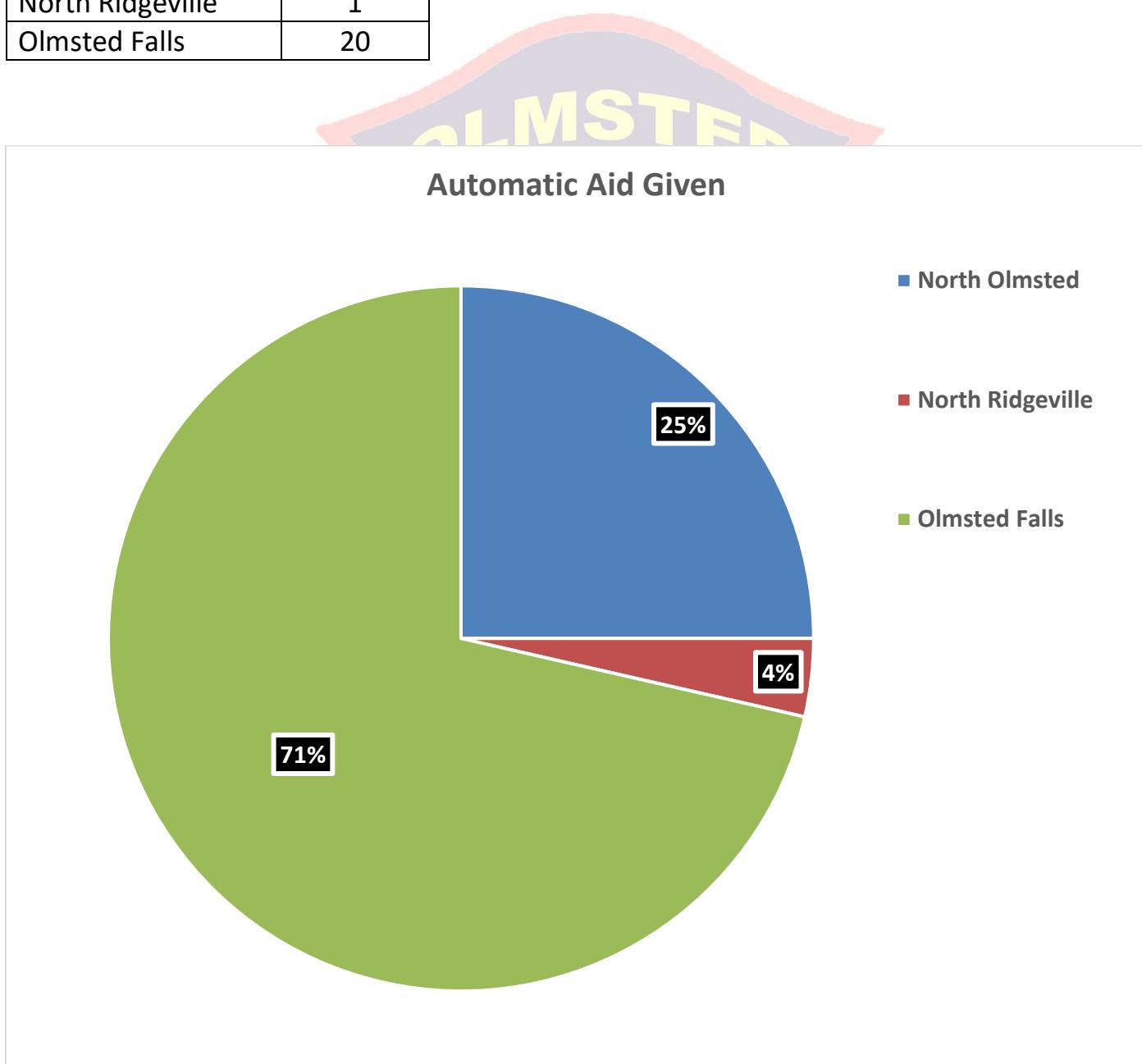
Automatic Aid Received - Fire



2021 Automatic Aid Given

Automatic Aid Given - EMS Calls – Olmsted Falls - 1

Automatic Aid Calls Fire	
North Olmsted	7
North Ridgeville	1
Olmsted Falls	20



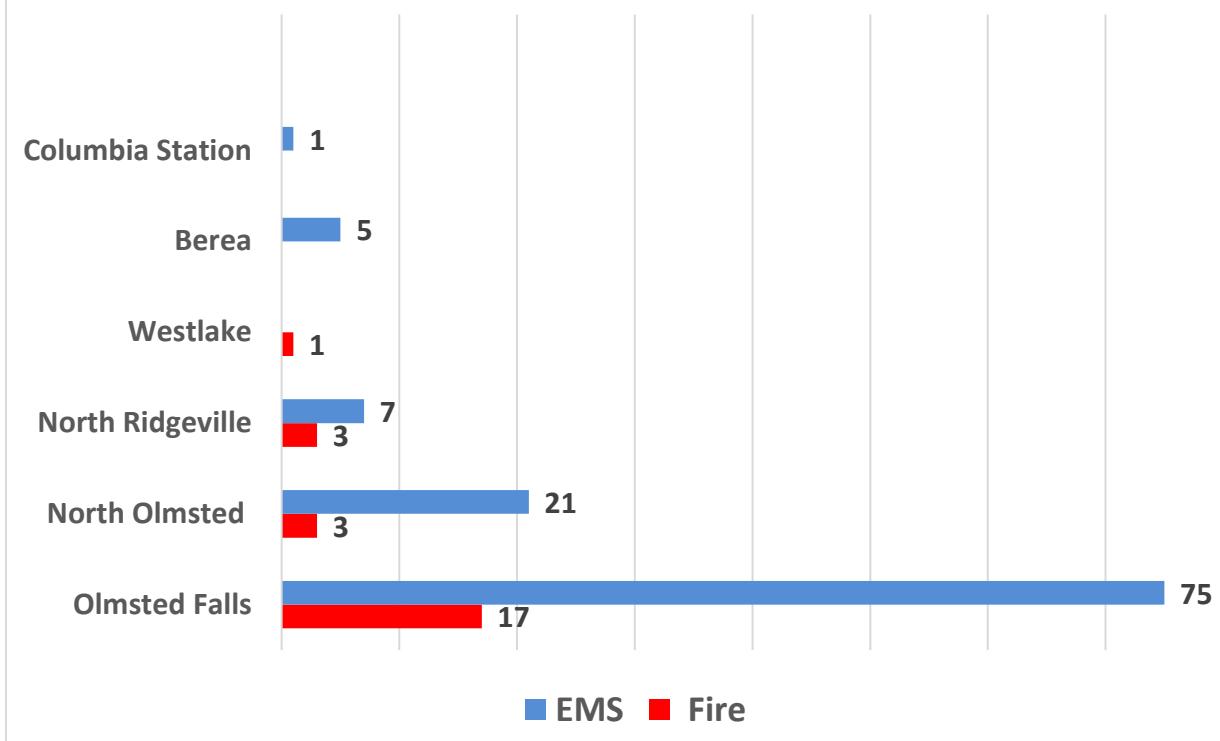
2021 Mutual Aid Received

Mutual Aid Received Fire	
Olmsted Falls	17
North Olmsted	3
North Ridgeville	3
Westlake	1

Mutual Aid Received EMS	
Olmsted Falls	75
North Olmsted	21
North Ridgeville	7
Berea	5
Columbia Station	1

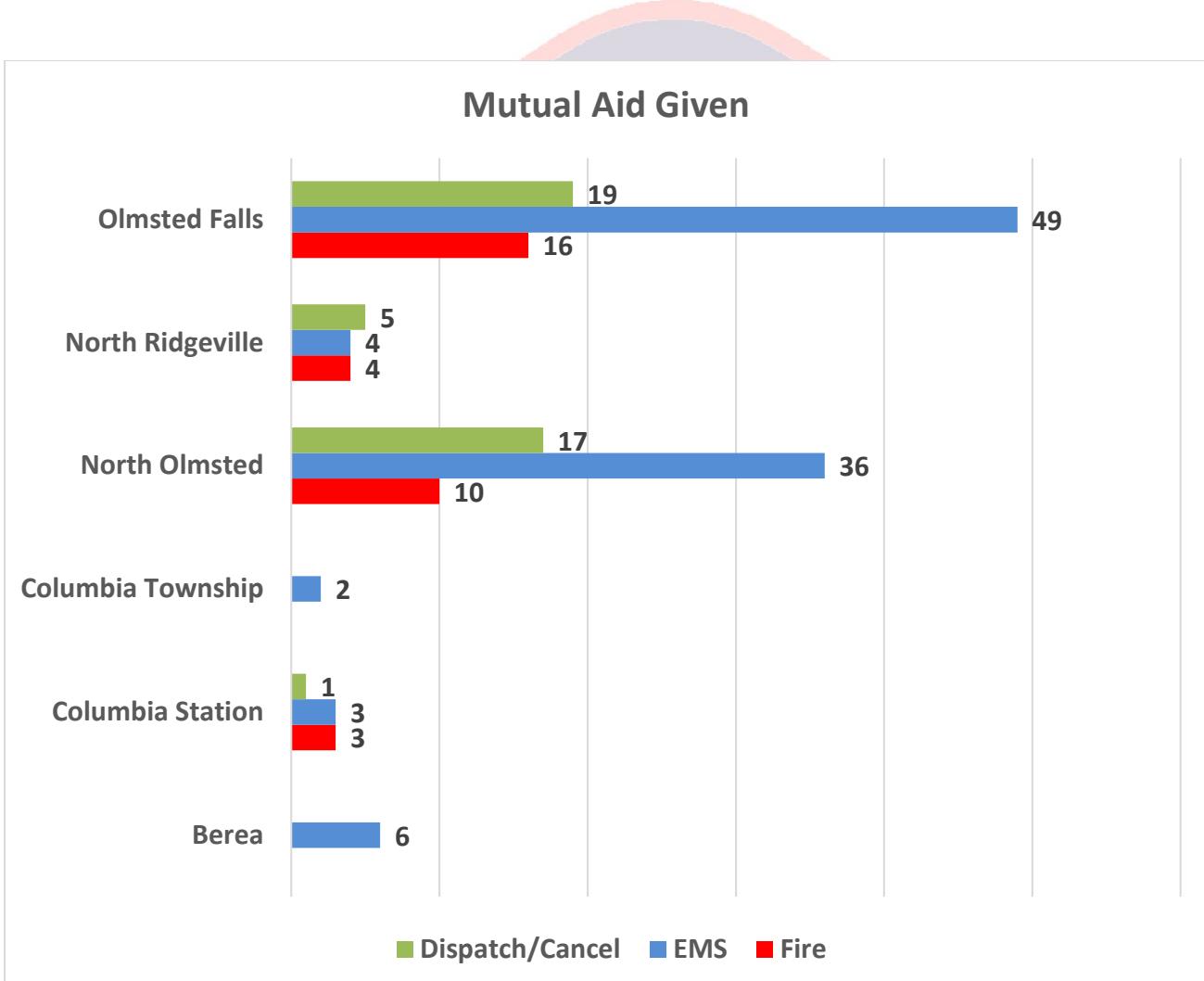


Mutual Aid Received



2021 Mutual Aid Given

	FIRE	EMS	Dispatch/Cancel
Berea		6	
Columbia Station	3	3	1
Columbia Township		2	
North Olmsted	10	36	17
North Ridgeville	4	4	5
Olmsted Falls	16	49	19



2021 Training Summary

In 2021, our firefighters and officers completed over 700 hours of fire and EMS training.

All firefighters, in 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 at any other state accredited school or program.

The following topics were covered in 2021:

Fire Safety, Fire Safety Inspector, Search and Rescue, Aerial Ladder Training, Pump Operations, Strategies and Tactics, Fire Investigation, Vehicle Extrication, Ice Rescue Training, Water and Swift Water Rescue, Trench Rescue, as well as Officer Communications and Leadership and Decision-Making courses. EMS Medical and Miscellaneous coursework and Medical Continuing Education Units.

Completed hours of fire and EMS training: 754.5 documented hours



OTFD Programs

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

- An annual life safety inspection program for all 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.

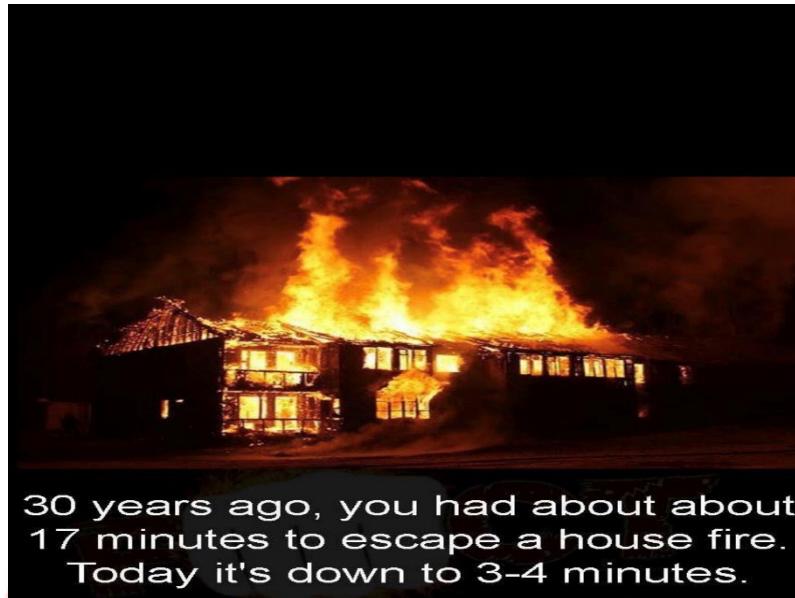


Learn the Sounds of Fire Safety

 FIRE PREVENTION WEEK™ firepreventionweek.org

Sparky® is a trademark of NFPA. 2021 National Fire Protection Association.®





30 years ago, you had about about
17 minutes to escape a house fire.
Today it's down to 3-4 minutes.

2021 OTFD Public Services

Child Car Seat Installations	5
Residential Lock Box Installations	33
Smoke Detector Installations	72
Birthday Party Drive-By	2
Public Service	60
Tests or Inspections	80
Station Tours	12
Fire Drills	22



**American
Red Cross**

Events

Olmsted Township Fire Department participated in many Events.

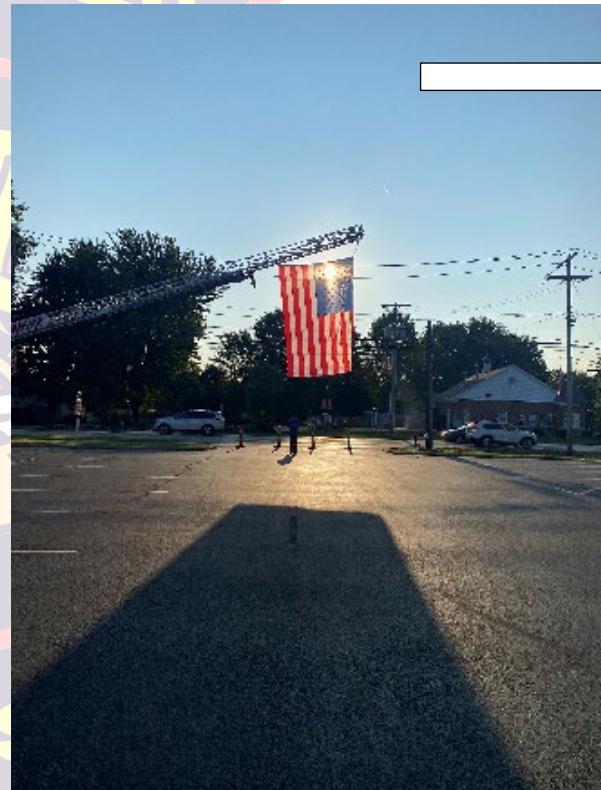
In 2021, we participated in the following events for **OUR SCHOOLS**:

- 3 Station Tours
- 3 ECC Field Trips and Story time
- 22 Fire Drills (2 Tornado Drills and 1 ALICE Drill at the High School)
- Boy Scout, Cub Scout, and Girl Scout events
- Olmsted Falls High School Protest and Post Prom Inspection



OUR COMMUNITY:

Bagley Road Trailer Park Picnic	Grand Oaks Block Party
Bulldog Summer Bash	Memorial Day Parade
Columbia Park Anniversary	911 Ceremony & Run
Craft & Garden Club Ice Cream	Olmsted Spirit Run
German Club Octoberfest	Veterans Day Ceremony



SPECIAL EVENTS:

- Katie Nageotte Gold Medal Celebration
- Halloween Drive Thru
- Santa Ride Thru Township and Tree Lighting
- Recognition by the Boy Scouts



2021 Toys for Tots

OUTSTANDING!





2021 TOYS FOR TOTS

2600 TOYS

\$2,200 CASH

Impacting 54,750 kids!!

Blessing of the Fleet



Thank you
Fr. Peter Simko
for Blessing our Fleet.

Cleveland Brown's Honor Guard

Sunday October 17, 2021 - Cleveland Browns Stadium



Welcome

The Olmsted Township Fire Department added (4) four new part time firefighter/ paramedics and a Chaplain to our ranks in 2021. 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.

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

Welcome to the department!

NEW PART-TIME in 2021



Chaplain Fr. Peter Simko



Will Hoyett



Adam Campana



Nick Reid



Cody Shinsky

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

83,611

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

104,123

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

56,660

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

Hale OG150-21

1500 Gallon per Minute Capacity

MILEAGE

33,763

ENGINE HOURS

3,980



Car 3

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

1FTBF2B67EB18291

YEAR

2017

MAKE & MODEL

Ford F-250 Super Duty with Reading Utility Body

ENG & TRANS

6.2L V8 EFI

MILEAGE

30,009



Chief's Car - Car 1

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

1FAHP2MK7GG154831

YEAR

2016

MAKE & MODEL

Ford Taurus

ENG & TRANS

3.5 L Ti-VCT V6 FFV

MILEAGE

52,550



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

58,879



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



2021 Hydrant Flushing and Maintenance

From May until the end of June, department members flushed and serviced all 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 residential developments and ongoing infrastructure, the number of fire hydrants will continue to increase. At the end of 2021 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 arranged service automatically to call for CLE Airport and Columbia Township Fire Department's Water Tanker to assist us for fires.

The Cleveland Water Department repairs and/or replaces our defective fire hydrants.



2021 Hose Testing

Every section of fire hose in service is 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 older fire hose from our inventory and ensure that our staff and your property gets the best and most reliable fire protection equipment available. In 2021, we replaced 8 sections of attack line (1 ¾ and 2 ½) and 1 section of supply line (5 inch). We also retired 8 sections of fire hose that was no longer serviceable due to age.



Capital Purchases

The following items were purchased in 2021 and are considered as capital inventory:

- New Ambulance – Medic #3 – scheduled to arrive in 2022.
- Radio Equipment for the new Medic Unit
- Life Pack Cardiac Monitor for the new Medic Unit
- New hose to replace aging equipment.
- Battery Powered Exhaust Fan for the new engine (arriving in 2022)
- Additional Body Armor for ballistic protection



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 and training that reduced or minimized those chances of contracting or spreading disease from patient to provider.



GRANT EQUIPMENT RECEIVED

State EMS grant \$1200 – purchased a King Vision intubation device.



FEMA AFG grant - \$16,500 purchased a fire extinguisher simulator package to train extinguisher use safely and environmentally conscientious.



2022 Goals

- Continue to provide leadership training to our command staff
- New Medic Unit Delivery and finalize and equip new Rescue Engine
- Address peak times – add additional staff to peak call times
- Maintain the Engine, 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
 - Include our Mutual Aid Partners
- Develop a Long-Range, Sustainable 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.**

