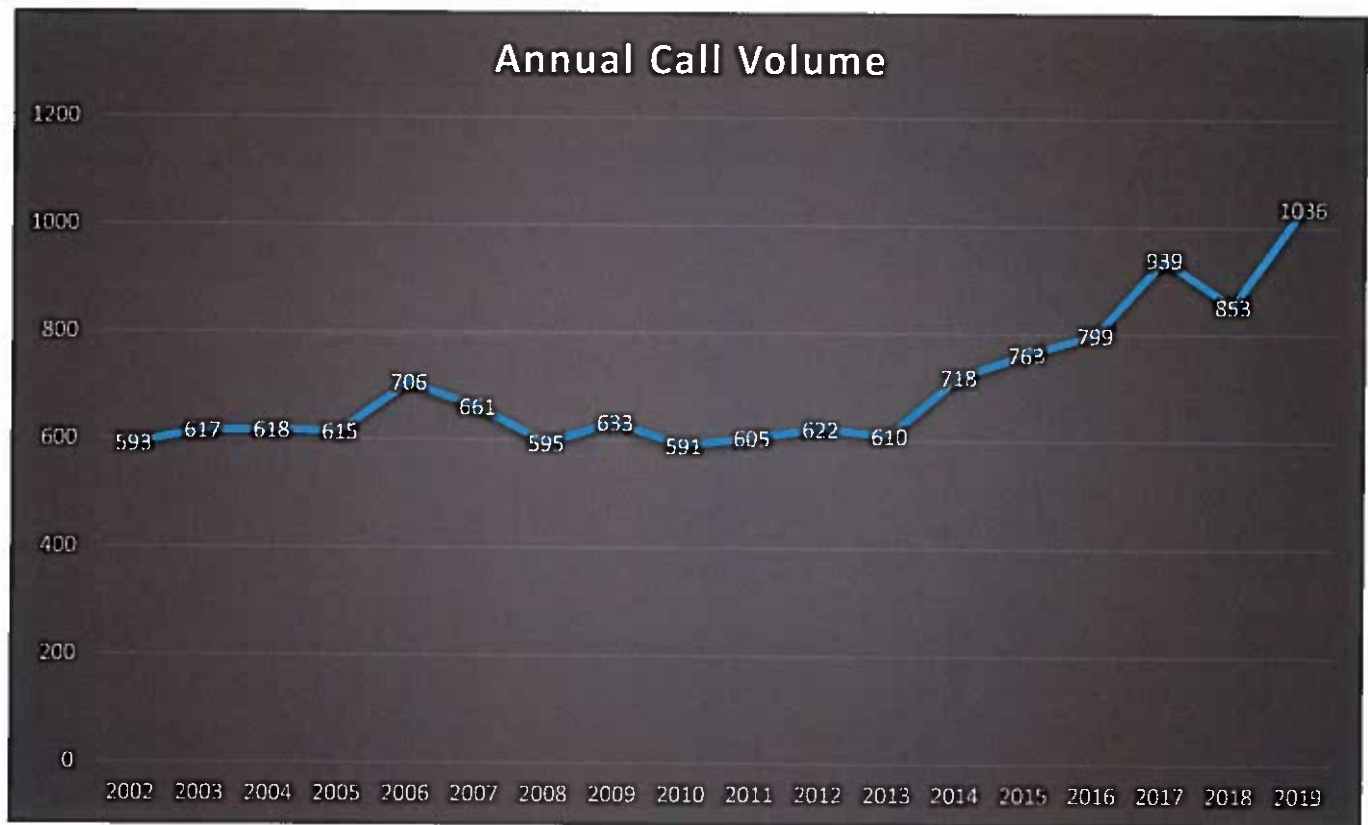


2019 Year End Report



During the 2019 calendar year we reached a new milestone at WTFD.... We broke the 1,000 call per year mark. Our final total was 1,036 calls for the 2019 calendar year. This is a huge jump over the 853 calls we had in 2018. The increased call volume has presented many challenges for us. The biggest challenges faced are the increased workload and the increased labor costs that are associated with the additional call volume. With the increased call volume, we have seen increases not only in the labor costs, but also in the costs of the fuel, supplies, equipment, insurance, and training. The continued support of our board has made these increases manageable. Maintaining our staffing levels is vital to our continued success. We are constantly working to make this commitment easier for our members. We have been able to reduce the burden on our members by increasing the number of EMT's on staff and keeping our overall staffing numbers up. We are incredibly blessed to be operating with a full roster!



1871 Extrication Tools

In 2017 we purchased our first set of battery powered extrication tools. Our members immediately saw the huge benefits of these tools and started working toward a second set of them. In 2019 we took delivery of the second set of these tools. The Wright-Tallmadge Firefighters Association paid for 50% of the cost to upgrade the extrication tools on 1871. We are now carrying identical battery powered extrication tools on 1822 (at station 2) and 1871 (at station 1). Battery powered tools have a significantly quicker startup time, greater cutting force, and are much quieter when they are running.



Green Emergency Lights

Over the past few years we have worked to install green emergency lights on our units. During the 2019 calendar year we completed these upgrades. All of our units, except 1863, have green lighting on them. Studies have shown that green lights are the most visible especially in adverse weather conditions. Because of our responses to I-96 and M-45 we had been looking for ways to reduce our risk and enhance the safety of our members. The Firefighters Association has helped fund some of these upgrades.



800 MHZ Radio System

During the end of the 2019 calendar year we completed our final testing for the 800mhz radio system. OCCDA made improvements to the new system which has enhanced the coverage in our response area. They have also offered to install base radios in each of our fire stations to ensure we will be able to communicate out of the stations even in the event of a system issue. These will be installed at no cost to us in the next few months. We have transitioned onto the new 800 mhz radio system for all of our communications. The new system is working well thus far!



Winans House Fire

ImageTrend Elite

During the end of 2018, we spent a significant amount of time setting up the new NFIRS reporting software. After nearly 20 years we have upgraded that software from Firehouse (the old software) to ImageTrend Elite (the new software). ImageTrend is web based which allows it to be used on any computer with an internet connection. It is very user friendly and we now have our officers entering the NFIRS into ImageTrend. In the past we had the officers fill out a paper form and all the data was entered in the office. All of the payroll is calculated through this software also. The information from dispatch (times, unit numbers, address, etc) is downloaded into the report. This alone is a huge time saver for our members. Over the past year we have worked to improve the reports that come from the new software. As we learn more about the report portion of the software, we are able to continually improve the reports we have. We now have many of the same reports we used with the old software!



Smoke Detector Installation

We have started receiving more frequent requests for help with smoke detector installation in homes. Our firefighter's association felt this was very important to support and has provided us with smoke detectors to install into homes in our community. Thus far we have put over 20 smoke detectors up in 5 different homes. Michigan is currently leading the nation in fire deaths in 2020. From 01/01/2020 – 02/25/2020 there has already been 30 fire fatalities in our state. We foresee an increasing number of requests for smoke detector installation in the future. We are also looking at proactively approaching the management of the mobile home communities in our area. Our firefighter's association has been supportive of the efforts to increase the number of smoke detectors in our community and we feel that the mobile home communities are a smart place to focus our initial efforts. The small rental homes are another area of concern we hope to focus on in the future.



NBC25NEWS.COM

Mother, infant killed in mobile home fire

A mother and infant were killed in a mobile home fire, according to fire



WNEM.COM

Police: Mother, child killed in mobile home fire

A woman and child were killed in an early morning fire in Bridgeport.

Breaking: There were no working smoke alarms in an Alpena home where another Michigander died this morning in a house fire. This takes us to 25 dead since January 1st!



MSN.COM

Eight lives saved in Georgia due to free smoke alarm program



WOODTV.COM

MSP: Mother, child killed in St. Joseph Co. house fire

A mother and child were killed in a house fire in St. Joseph County home



UPNORTHLIVE.COM

Elderly man killed in house fire, elderly woman sent to the hospital



LENCONNECT.COM

Mother, son perish in house fire Thursday in Jonesville

(Editor's Note: This story has been updated to correct information on a

Statistical Data For 2019

The statistical data is something that we believe is very important. Viewing this data allows us to see a “picture” of what we are doing and whether the administrative decisions we are making are effective or not. Data is something that some believe is boring but it is vital when operating a fire department. In the next few pages we are going to share the following data with you:

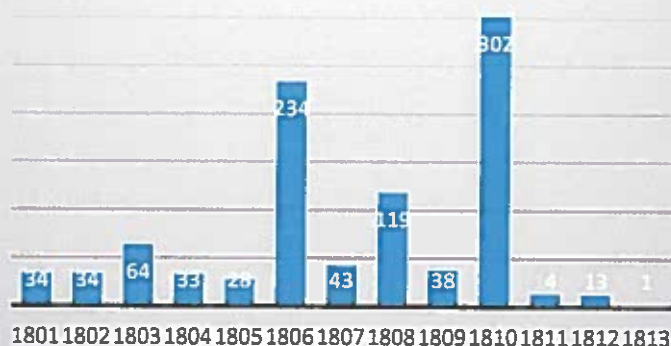
- Incident Locations (where incidents occurred by township)
- Incident Time (the time of the day which the incidents occurred)
- Response by Day of Week (how many incidents occurred on each day of the week)
- Incident Type Summary (what types of incidents we responded to)
- Response Times (how long it took to respond to calls)



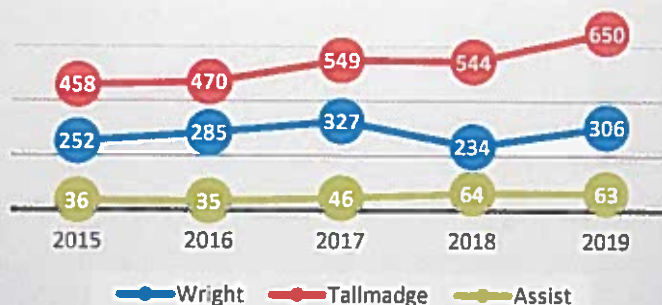
Incident Locations

The graphs below show where the majority of our incidents occur. In the past, our response area was divided into 12 districts. Because of our updated Auto-Aid agreements, we added the 13th district in the beginning of 2017. Dividing district 12 into two separate districts (which added the 13th) allowed us to set up Auto-Aid with Grandville Fire Department for the furthest southern area in Tallmadge. Historically, the two highest response areas have always been district 6 and district 10. This remains the case in 2019. Not only do we look at the district of each call, but we also look at the township each call is in. Historically 65% of calls have been located in Tallmadge Township and 35% were located in Wright Township. The percentages changes year after year but looking at the previous 5 years the 65/35 split remains accurate.

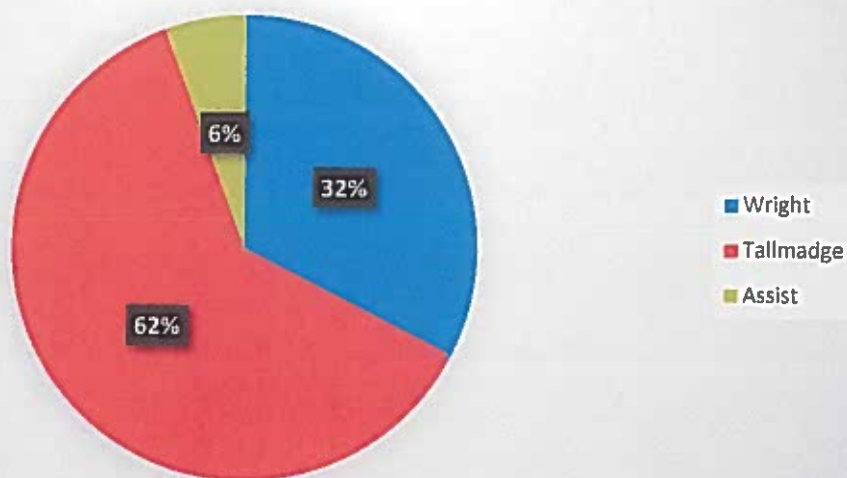
2019 Calls by District



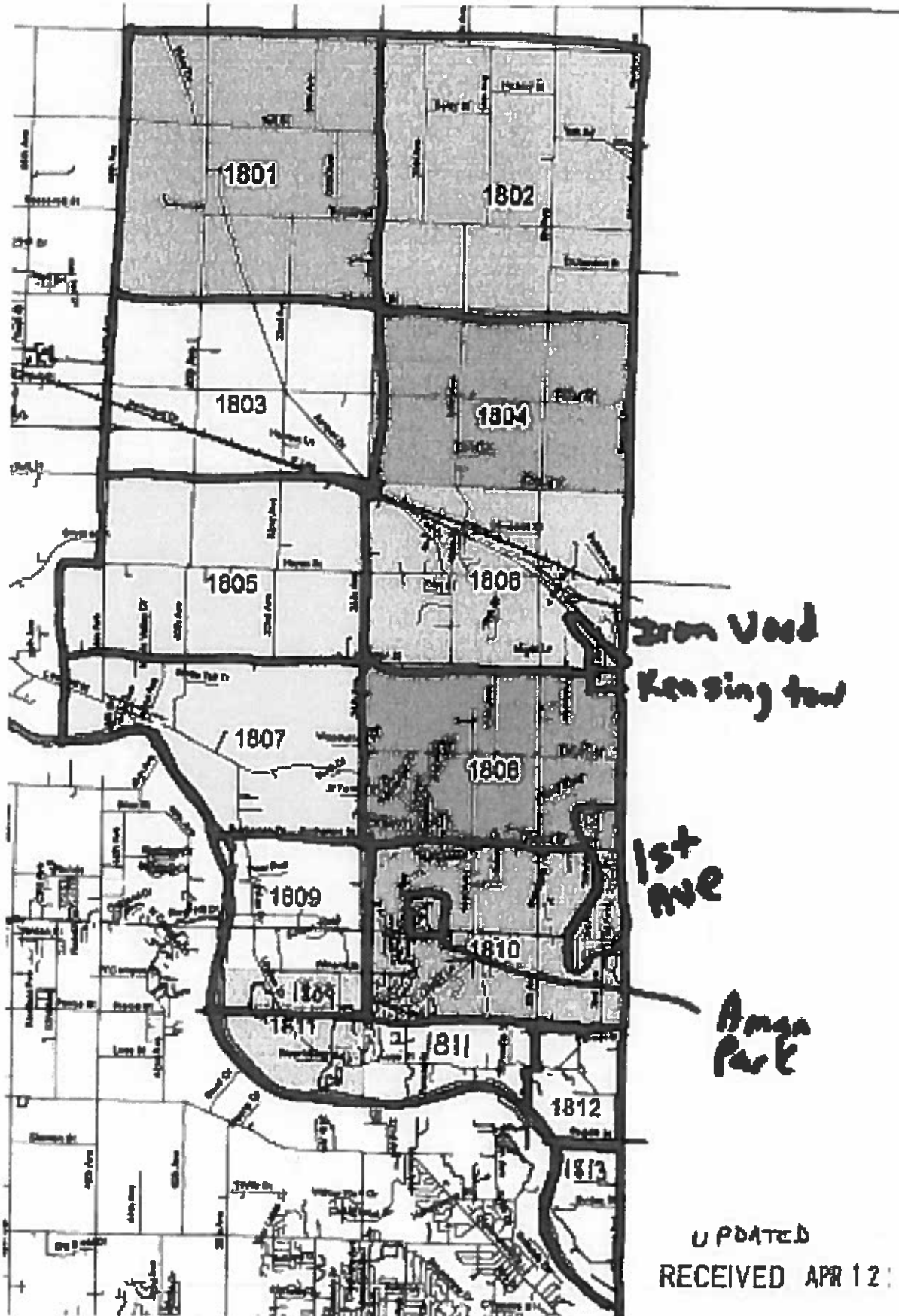
Calls by Township 2015-2019



Calls by Township 2015-2019

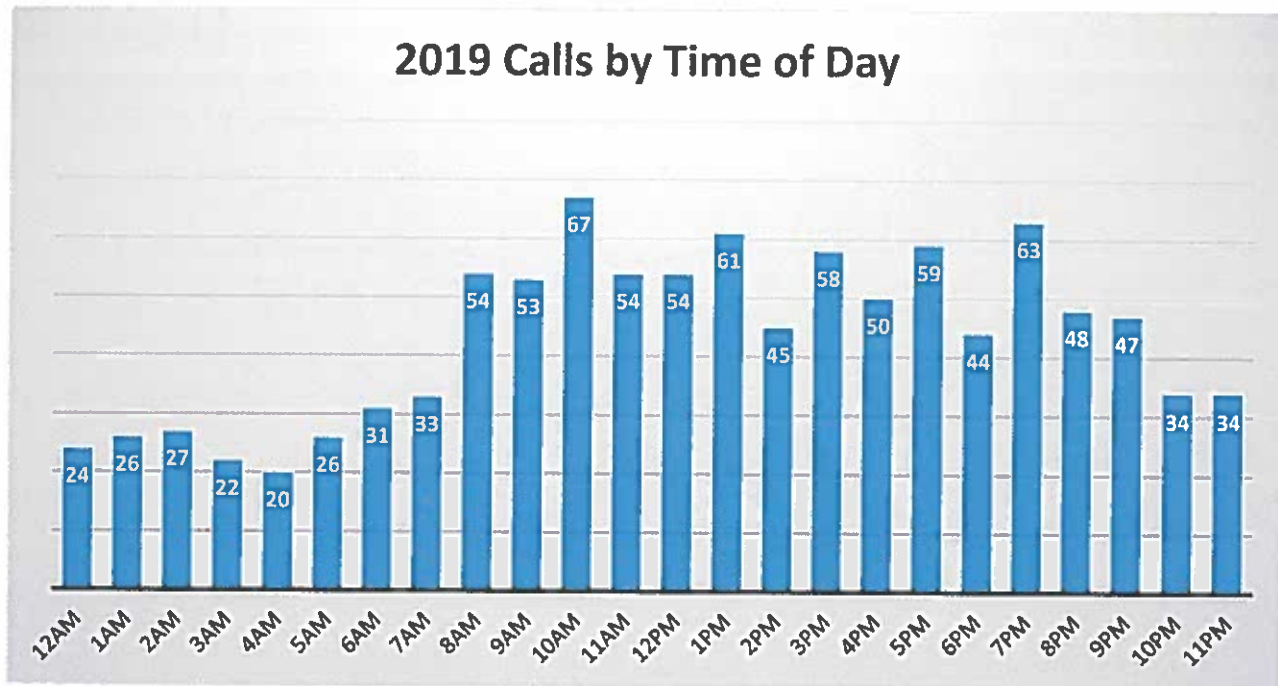


WTFD Response District Map



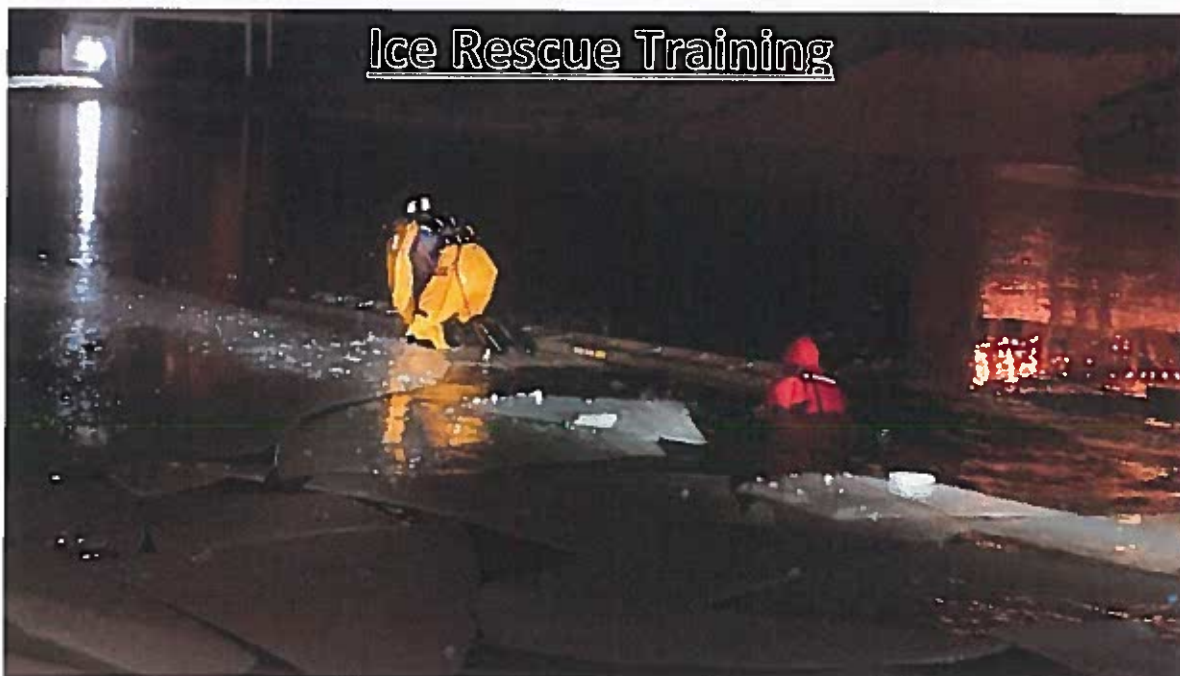
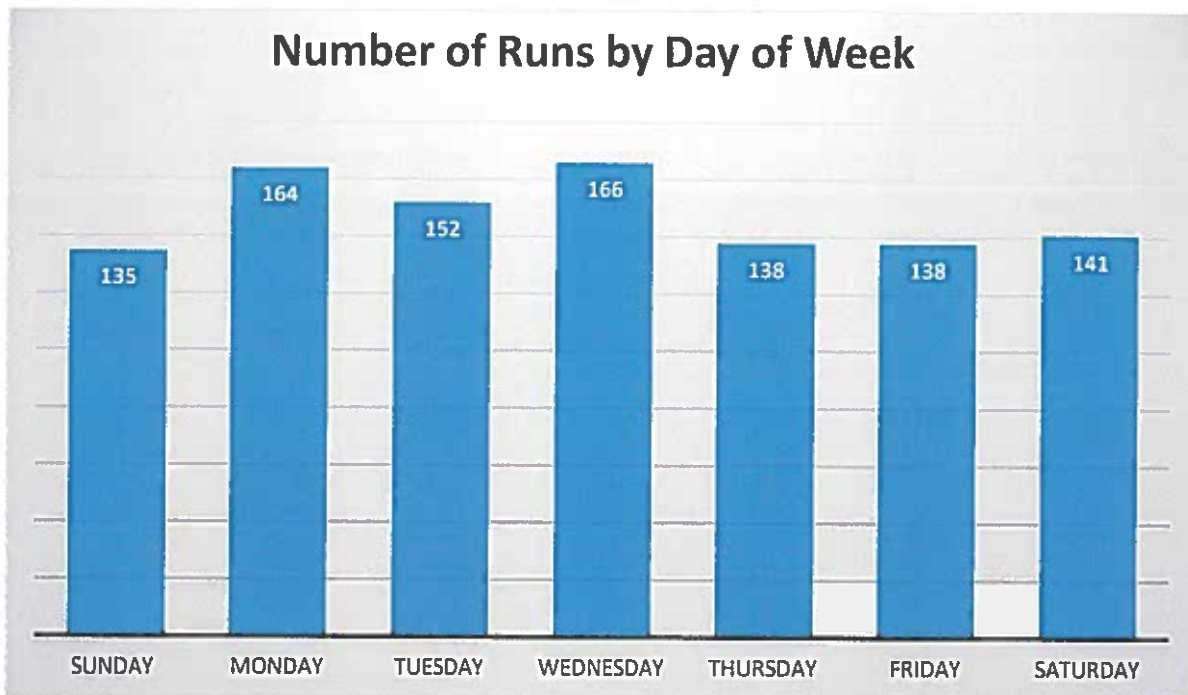
Incidents by Time

Analyzing the amount of alarms at a specific time of the day helps us plan for our responses. This graph very clearly shows that the daytime hours are when we will most likely respond to a call. This presents a unique issue as the daytime hours are generally when manpower is most limited for a paid-on call fire department. The support of our townships and fire board in hiring our first full time firefighter has greatly helped with this issue. Daytime staffing shortages are a nationwide problem for paid on call fire departments. We utilize automatic aid and mutual aid to provide additional manpower on large incidents. This provides some help but many of the departments we use are also facing the same issues with daytime manpower.



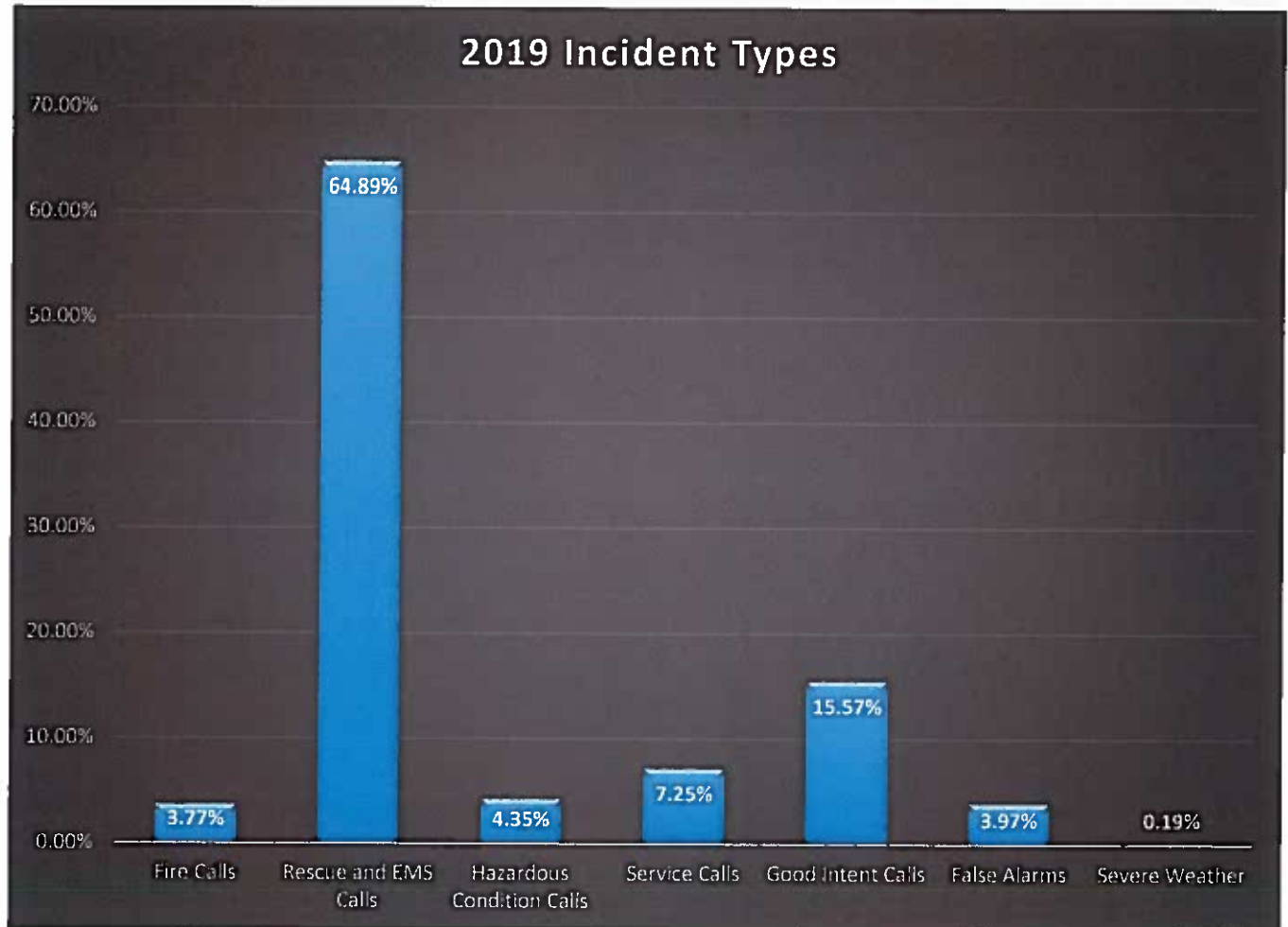
Response by Day of The Week

This graph shows our responses to calls by day of the week. This information can be useful for planning special events that may reduce our available manpower and also for planning our days with extra coverage. Historically, Mondays and Fridays had been the busiest days for Wright-Tallmadge Fire Department. This has changed during the 2019 year! Wednesday and Monday were the two busiest days of 2019!



Incident Type Summary

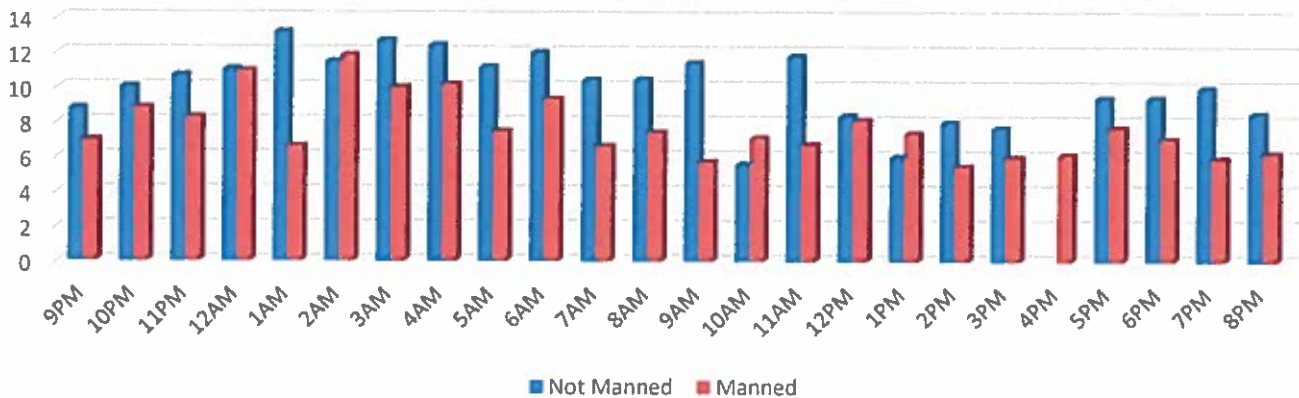
This graph shows a breakdown of the calls we run for each type of incident. Rescue and EMS calls continue to be the majority of our responses but you can see that it certainly isn't the only thing we are doing! This graph is a simplified view of the incident types. The actual list of incident types is quite large. Grouping them into these 7 main categories gives us a quick picture of what we are doing over the course of the year.



Response Times

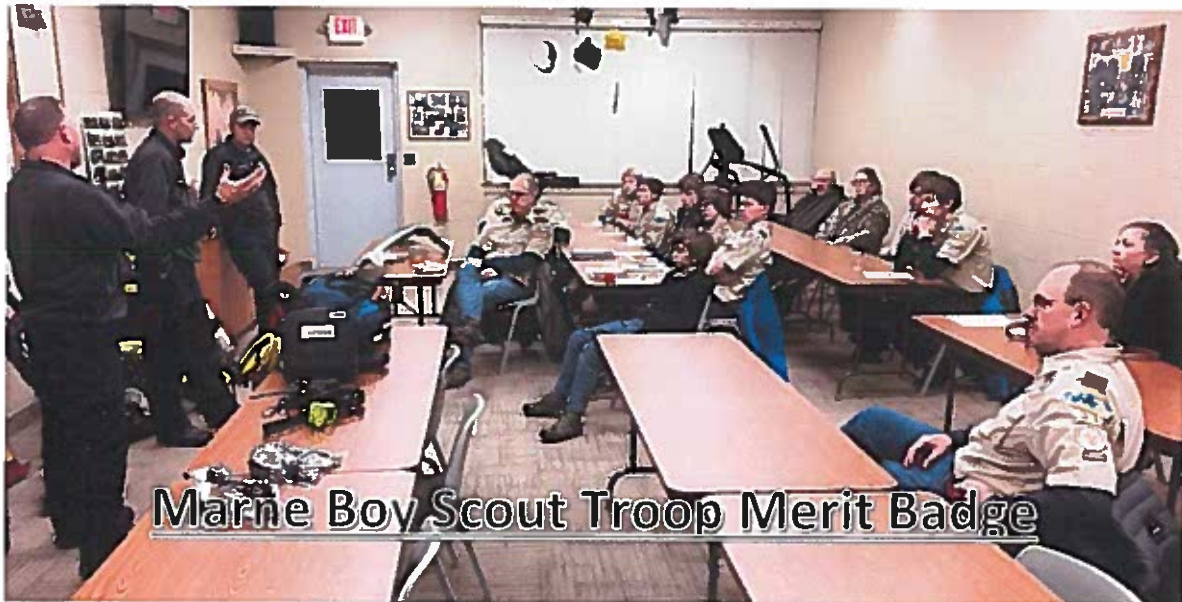
The Wright-Tallmadge Fire Department provides both fire suppression and EMS services to the community. We are supported in this mission by a third party Advanced Life Support Company (LIFE EMS). LIFE EMS provides advanced life support for our communities while our fire department provides the first response service to the area. We provide this first response service in order to reduce the response time for our citizens. Many times LIFE EMS is stationed outside our area therefore we will arrive on scene prior to them. This graph shows our EMS response times for the 2019 calendar year. These response times are for EMS responses to an emergency call. This is the time it takes to get a LICENSED EMS unit on scene.

EMS Unit Response Time to Emergency Call



Further Breakdown of Our Response Times:

Average Emergency Response time for medical unit – Squad Manned 7.36 – Squad NOT manned 10.29



2019 Summary

2019 has been an incredibly busy year for WTFD. Some of the major calls will be remembered for years to come and the term "Polar Vortex" causes all of us flashbacks to the highway pileups. The data in this report is invaluable to us as we continue to always look toward the future. Thank you for the support this past year and continued support in the future. We always work to provide the best service we can to the community. For the 2020 year we plan to make small changes to the way we operate. These changes will help us increase the level of service we provide to the community. We are encouraging our members to have a medical unit manned as much as possible. Statistical data shows that our average response time is 3 minutes quicker when the medical unit is manned. In order to encourage our members to man this unit, we have changed some of the rules and restrictions for taking the unit home. These changes have improved our squad coverage from 60% to 90% in the first month alone. We also plan to change the hours of our daytime staffing to help cover a void in the early morning hours. We will have daytime staffing from 6AM – 5PM Monday-Friday. This will be accomplished by altering the hours of the full-time employee along with part time shifts during the weekday hours. This is all being accomplished while maintaining a surplus in the budget.

