

Mundelein Fire Department
Monthly Report
March 2020

*“Serving our community with Professionalism,
Integrity and Pride.”*

Operations

We responded to 294 calls for service in the month of March including 183 EMS calls and 111 fire or “other” calls. A total of 92 patients were transported to local hospitals. Of the 294 calls, 75 were overlapping. This is where both stations are responded to multiple calls for service at the same time.

We did see a significant decrease in calls due to COVID-19.

New Response Protocol:

On July 1, 2019 we started a new initiative to staff the reserve ambulance at each station with the in quarters engine company personnel. This shall be done when the duty MICU is unavailable due to being assigned to a previous call. The basis for this change is to allow Mundelein the ability to capture the ambulance transport fees, from a second or third ambulance call, that otherwise would have been collected and kept by other fire departments that provided us assistance.

This is being done following an ambulance call where a patient is transported to the hospital. Once the engine company has returned to their respective station, the engine company shall contact dispatch and put the reserve ambulance in service. If a second or third ambulance call is received, the CAD will then recommend the reserve Mundelein ambulance or the opposite stations ambulance in lieu of ambulances from or other fire departments.

Again, the reasoning behind this change is to capture as much of the ambulance transport fees that we can. Since each department shall bill and keep the funds collected, from ambulance transport fees, we need to rely upon ourselves and not other fire departments. This shall be accomplished through this initiative without affecting the service that we provide to our community.

In March, we responded to 13 additional ambulance calls that we were able to bill. These calls otherwise would have been handled by other fire departments. Year to date, we have recaptured 48 calls. In the eight months since the inception of the program, we have been able to recapture 159 ambulance calls.

Training

During the month of March, the Fire Department completed 719 hours of training. This was an average of 25 hours per member. Of those 25 hours, 3.5 hours were dedicated to training on our new MSA G1 air packs. Members continued to train on the new air packs throughout March in order to place them in service in early April.

Members also continued the process in re-certifying their National Incident Management Systems (NIMS) training to remain current with FEMA’s national standards.

Members completed March's CMC EMS Continuing Education which focused on the topic of PEDS and COVID-19. Members have also started the quarterly Hazardous Materials training to remain current on response and mitigation practices at the Hazardous Materials Operations level.

Our medical and division has continued following CDC, IDPH and the Lake County Health Department's updates involving the recent COVID-19 concern. Under the guidance of the CDC, IDPH and LCHD; the medical division completed reviewing the MFD Communicable Disease Policy through formal training sessions with the shifts. These review sessions, supplemented with system updates, allow our members to better protect the citizens of Mundelein, members of the MFD, as well as the employees of the Village of Mundelein.

All training has either been modified or suspended in order to adhere to current social distancing guidelines in the workplace.

COVID-19

In the month of March, we transported 32 patients with Signs and symptoms of COVID 19. Of these 32 patients, three patients have tested positive for COVID -19.

In March, two of our personnel, were tested for COVID-19 through IDPH.

At this time, Covid-19 testing takes from 24-72 hours to obtain the results. This timeframe is dependent upon which organization (Hospital, IDPH, PCP) obtains the test culture and which diagnostic testing company performs the test as most are conducted off site. This has been updated to 5-8 days for IDPH testing.

Due to the overwhelming nature of the Covid-19 pandemic and the patient volume placed on CMC, our resource hospital, we are only being informed/notified of positive Covid-19 test results.

In order to reduce strain on the local health care infrastructure, the department is now implementing Non-Transport Guidelines that have been given through our resource hospital with the approval of IDPH.

PPE Situation:

We are currently following extended use and reuse guidelines for surgical and N95 masks per the CDC.

At a minimum, surgical facemasks are being donned for every patient encounter by all personnel who come in direct contact with a patient. N95 masks are being prioritized for procedures that generate respiratory aerosols, which pose the highest exposure risks to providers.

Current MFD PPE stockpile as of 3/28/20 is as follows:

- N95 Masks: 540 (currently being resupplied by Condell on a 1:1 basis)
- Surgical Masks: 1285 (not being resupplied by Condell on a 1:1 basis)
- Exposure Kits: 10
- Gowns (currently being resupplied by Condell on a 1:1 basis) 75 In-house (now being used only when aerosolization is anticipated)

- Tyvek Exposure Suits: 29 excluding suits contained in the Ebola kits on each MICU.

Fire Prevention

On March 11th, due to COVID-19, all inspection activities were put on hold. Prior to March 11th, the Fire Prevention Bureau was able to complete 66 first inspections. In like manner, 28 re-inspections were also completed.

Year to date, the Fire Prevention Bureau has completed 234 first inspections and 155 re-inspections.

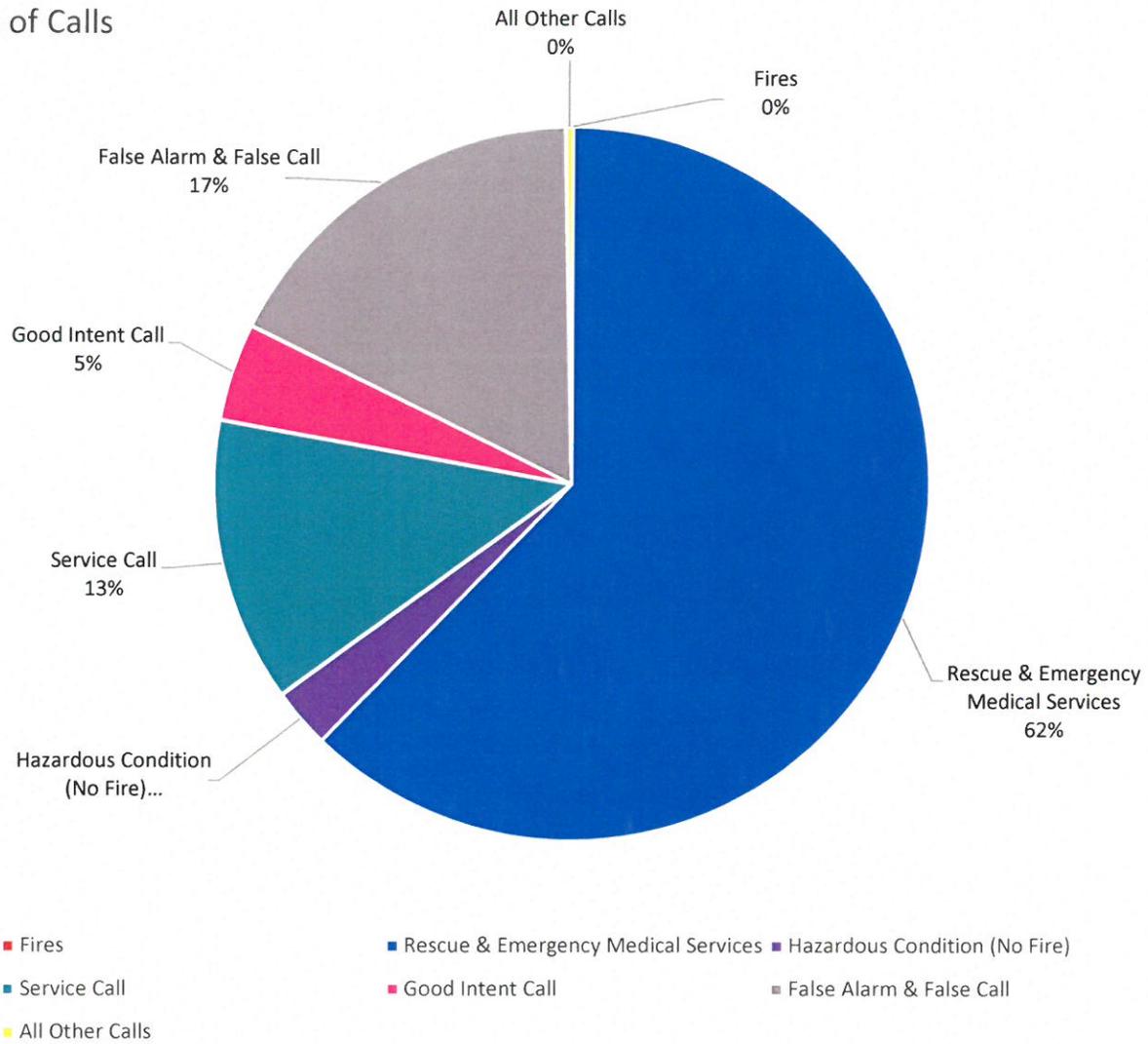
Public Education

- Due to COVID-19, all interactive public education efforts were cancelled for the month of March.
- To assist in making children's birthdays a little more special, since the shelter in place order was given, on March 30th, we began a birthday drive-by program. Fire Department personnel, drive to the child's home and activate the lights and sirens in front of their home. We have asked parents to send us an email with the day and time they would like us to stop by. The first two days of the program, we performed 16 birthday drive-bys.

Other Activities

- Since the inception of the Knox Home Box program, we have installed 38 for residents in the Village.

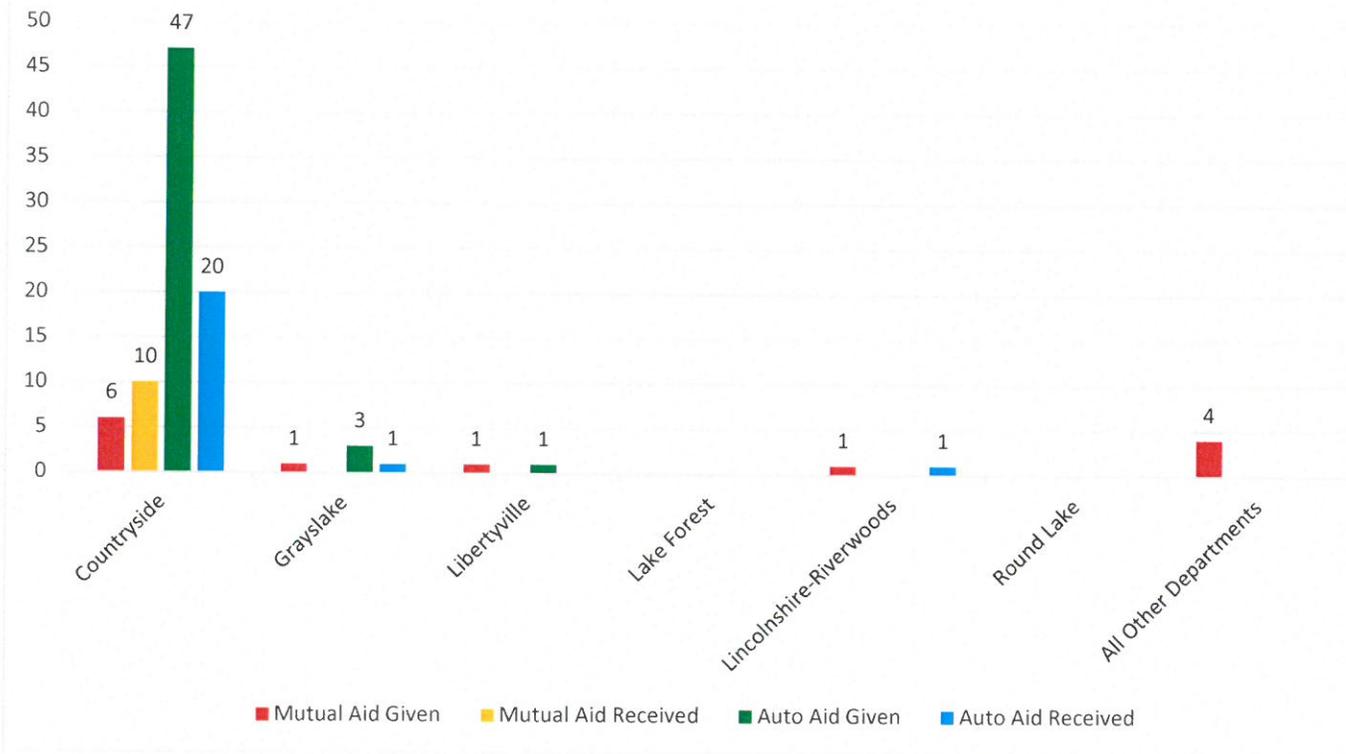
Type of Calls



Emergency Response Summary

Type of Call	# of Incidents	% of Total
Fires	0	0.00%
Rescue & Emergency Medical Services	183	62.24%
Hazardous Condition (No Fire)	8	2.72%
Service Call	38	12.93%
Good Intent Call	13	4.42%
False Alarm & False Call	51	17.35%
All Other Calls	1	0.34%
TOTAL	294	100.0%

Mutual & Auto Aid Given & Received

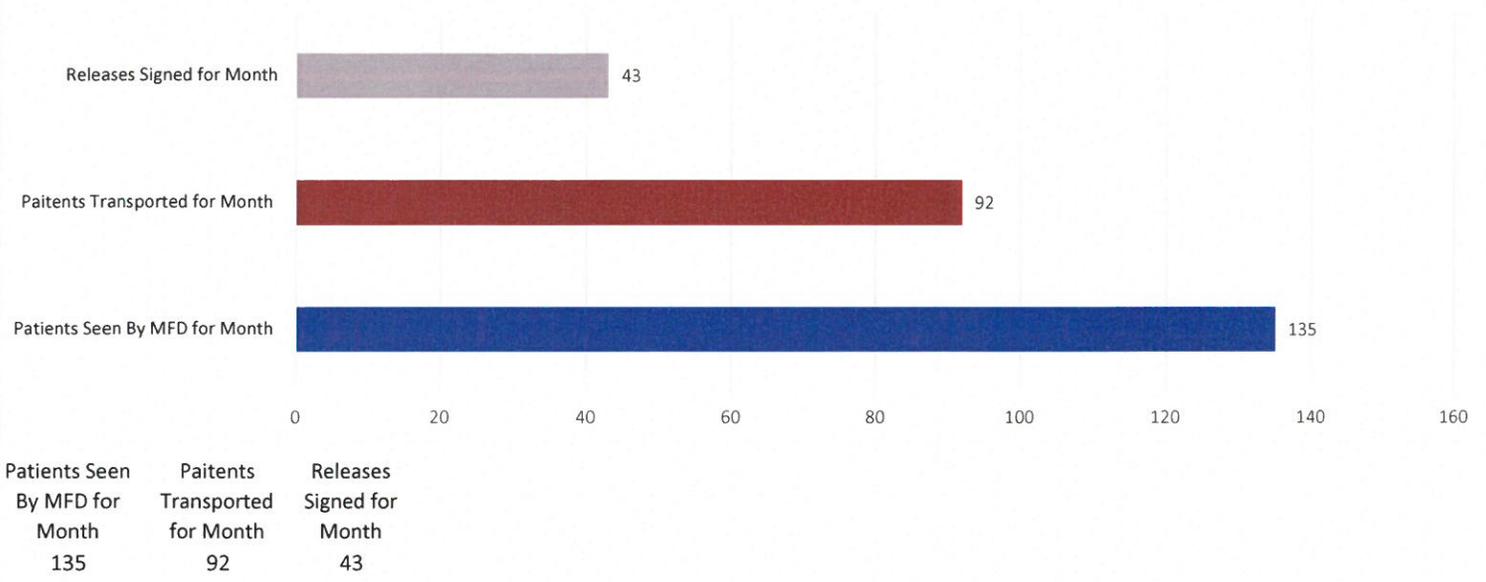


Departments	Mutual Aid Given	Mutual Aid Received	Auto Aid Given	Auto Aid Received
Countryside	6	10	47	20
Grayslake	1	0	3	1
Libertyville	1	0	1	0
Lake Forest	0	0	0	0
Lincolnshire-Riverwoods	1	0	0	1
Round Lake	0	0	0	0
All Other Departments	4	0	0	0

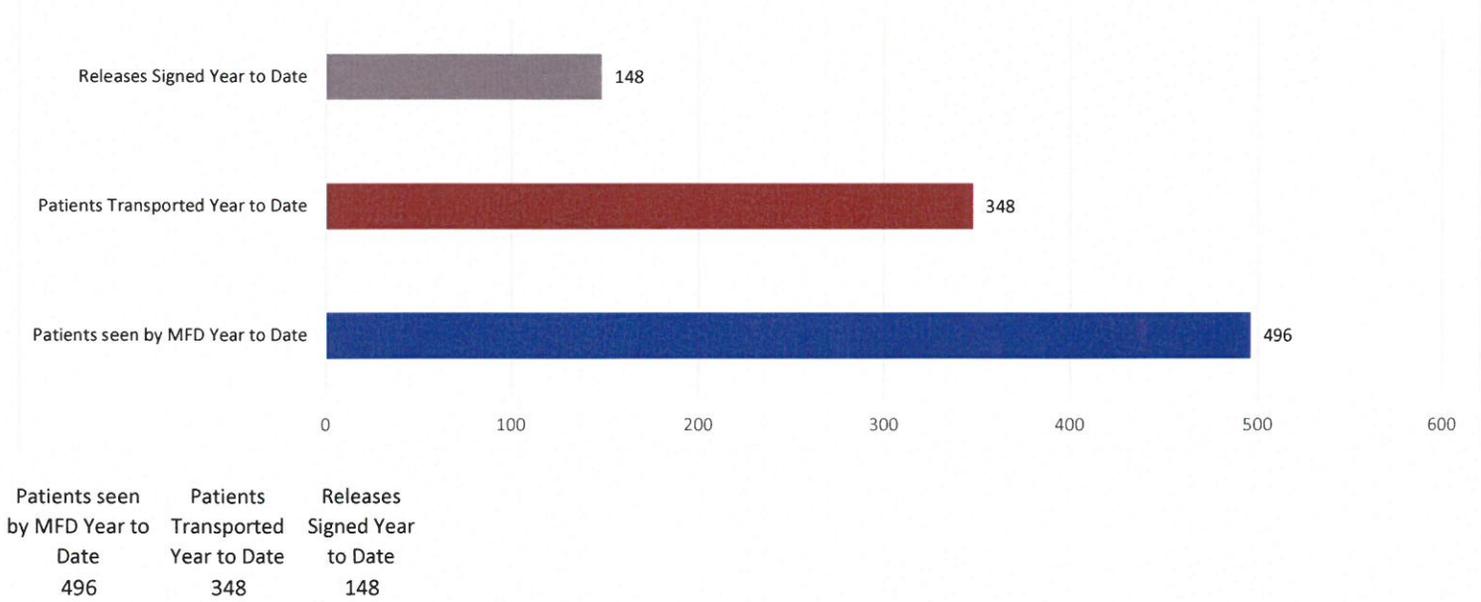
Automatic Aid is when the Department responds on predetermined areas or types of calls to Countryside, Libertyville or Grayslake, per an ARA (Automatic Response Area) Agreement

Mutual Aid is when a Department becomes overwhelmed with calls or has an extra alarm fire or EMS incident and requests assistance from other Departments

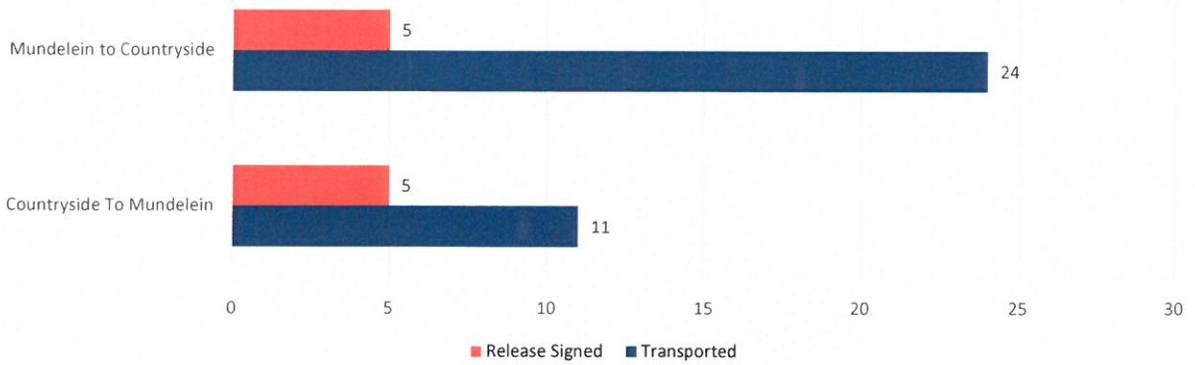
Number of Patients Seen and Treated Monthly



Number of Patients Seen and Treated Yearly

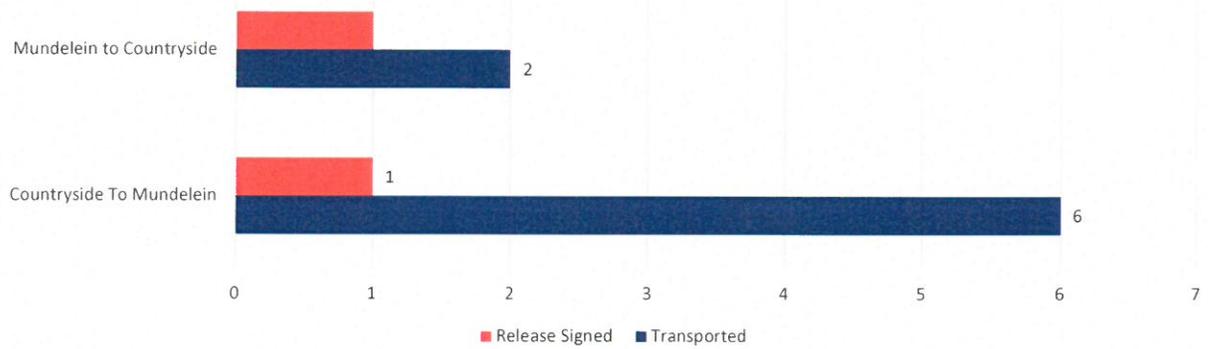


Patients Seen/Transported per ARA Agreement



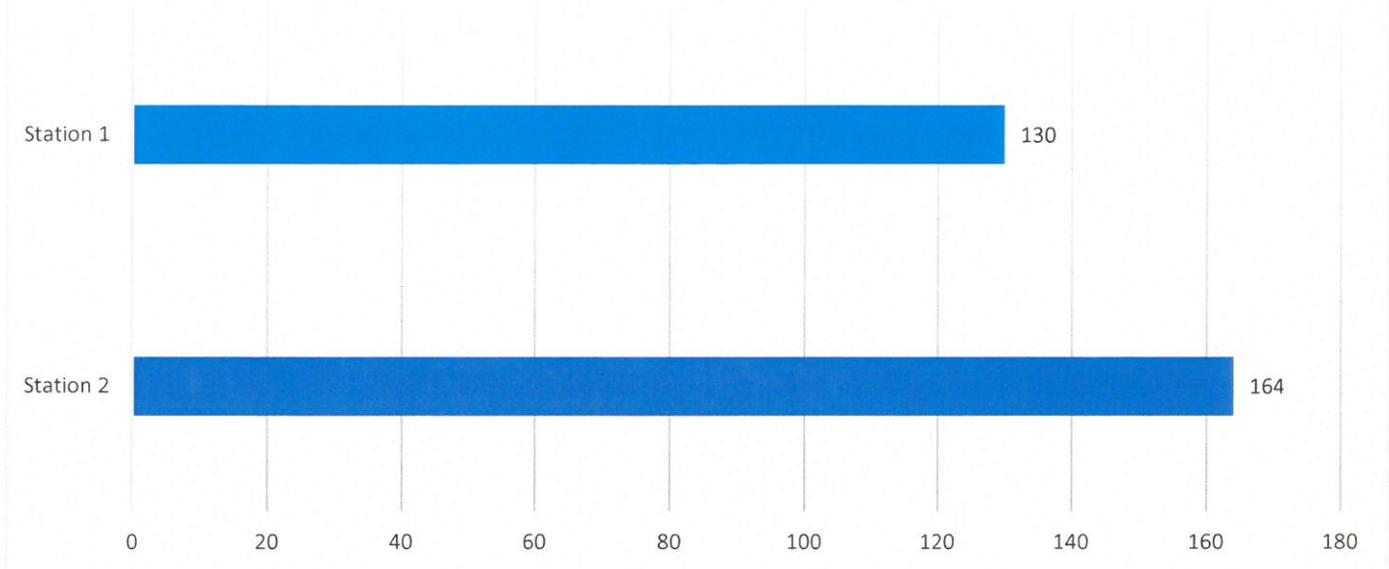
	Countryside	
Ambulance Calls	To Mundelein	Mundelein to Countryside
Transported	11	24
Release Signed	5	5

Patients Seen/Transported per Mutal Aid



	Countryside	
Ambulance Calls	To Mundelein	Mundelein to Countryside
Transported	6	2
Release Signed	1	1

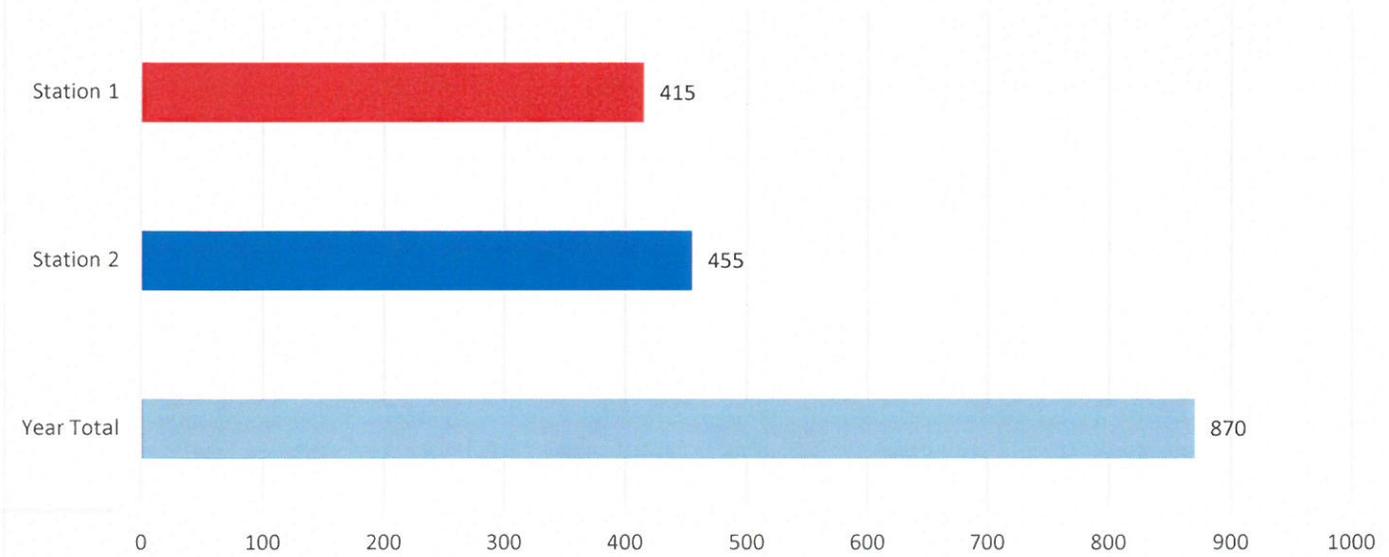
RESPONSES BY STATION FOR MONTH



Responses by

Station	Station 2	Station 1
	164	130

STATION YEAR TO DATE CALLS



Station 1	Station 2	Year Total
285	291	576