

Violet Township Fire Department



2021 Year-End Report



FOREWARD



The Violet Township Fire Department is committed to exceeding our community's expectations. This mission is met every day by our dedicated personnel, both full and part-time. Each member strives to provide a world-class service to the community while upholding our Core Values: Integrity, Humility, Professionalism and Compassionate.

This past year, 2021, continued to challenge our department due to the ongoing COVID-19 Pandemic. Infection control practices remained at the forefront for our personnel. Vaccination became the new buzzword of the year. Three companies developed and marketed COVID vaccinations. Working with the Fairfield County EMA, our department reached an 85% vaccination rate. Even so, the struggle to keep everyone healthy was difficult at best. Our personnel worked an additional 6,550 hours of unscheduled overtime during the year to cover open shifts due to illness. The pandemic has proven to be no easy task for the department to maintain our staffing. We continue to limit outside engagements, ride-along opportunities, and any other events that expose our personnel to unnecessary exposures. Our hope is the 2022 will bring an end to the pandemic and we can transition back to as near normal as possible.

Throughout all of this, Station 592 was renovated. Station 592, located at 8700 Refugee Road, was built in 1996 and occupied in 1997. With the station reaching its 25th year in service, some items had to be addressed with both the interior and exterior of the station. Our crews and 40-hour staff were definitely challenged during this time. Admin staff was moved to the Wigwam or Station 591 for the duration of the project. The duty crews remained in service from the station, but were only able to occupy half their normal space due to the construction. They also endured temporary air conditioning during the hottest months of the year. This was no easy feat, but our personnel quite simply exceeded our expectations during this project.

Over the past few years, through diligent budgeting, we were able to set aside the monies needed for this renovation. When all was said and done, the department spent just over \$2.5 million. What was done? Here is a list of the renovations:

- Completely removed and replaced the HVAC system
- New roof with larger gutters and downspouts
- Kitchen cabinets and countertops
- Removed fabric wallpaper in bunkrooms and replaced with a washable, solid surface material
- New flooring throughout most of the building
- Added more public parking
- Added a garage space for FD vehicles that were sitting outside

This Annual Report reflects the service provided by the Department. Absolutely none of this happens without the dedication of our personnel. Even with the challenges faced, the Department experienced many successes. In 2021, the Department hired three new FF/Paramedics: Devon Raub, Kye Betzel and Leo DeMastry. The management team worked together with the IAFF Local 3558 Executive Committee to negotiate a new Collective Bargaining Agreement for the years 2022-2024. We also tested eligible firefighters to create a new Lieutenant Promotional list for the upcoming three (3) years (2022-2024).



FOREWARD



I hope you find this report interesting and informative. I appreciate the help from Assistant Chief Jim A. Paxton for compiling the data and for proofreading the document. The data in this report was pulled from the RCOG Dispatching CAD, ImageTrend Reporting System, Uniform Accounting Network (UAN) and the Fire Department Monthly Reports. As always, if you have any questions or comments, please feel free to contact me by phone (614-837-4123) or e-mail (mike.little@violet.oh.us).

In the Interest of Public Safety,

A handwritten signature in blue ink that reads "Michael G. Little".

Fire Chief

1. INCIDENT STATISTICS

a. EMS RUNS

- i. 2017 – 4363
- ii. 2018 – 4406
- iii. 2019 – 4586
- iv. 2020 - 4462
- v. 2021 – 5211

b. EMS TRANSPORTS

- i. 2017 – 2648
- ii. 2018 – 2661
- iii. 2019 – 2728
- iv. 2020 - 2510
- v. 2021 – 2994

c. COMMUNITY MEDIC RUNS

- i. 2017 – 946
- ii. 2018 – 1165
- iii. 2019 – 1285
- iv. 2020 - 1346
- v. 2021 – 1443

d. TEMS (TACTICAL EMS) MISSIONS

- i. 2017 – 11
- ii. 2018 – 08
- iii. 2019 – 04
- iv. 2020 - 34
- v. 2021 – 25

e. VIOLENT INCIDENTS (includes Assault, Attempts, Behavioral, OD, Shooting, Stabbing, SWAT, Unknown Emergencies)

- i. 2017 – 318
- ii. 2018 – 318
- iii. 2019 – 340
- iv. 2020 - 300
- v. 2021 – 413

f. FIRE INCIDENTS

- i. 2017 – 948
- ii. 2018 – 969
- iii. 2019 – 1023
- iv. 2020 - 953
- v. 2021 – 982

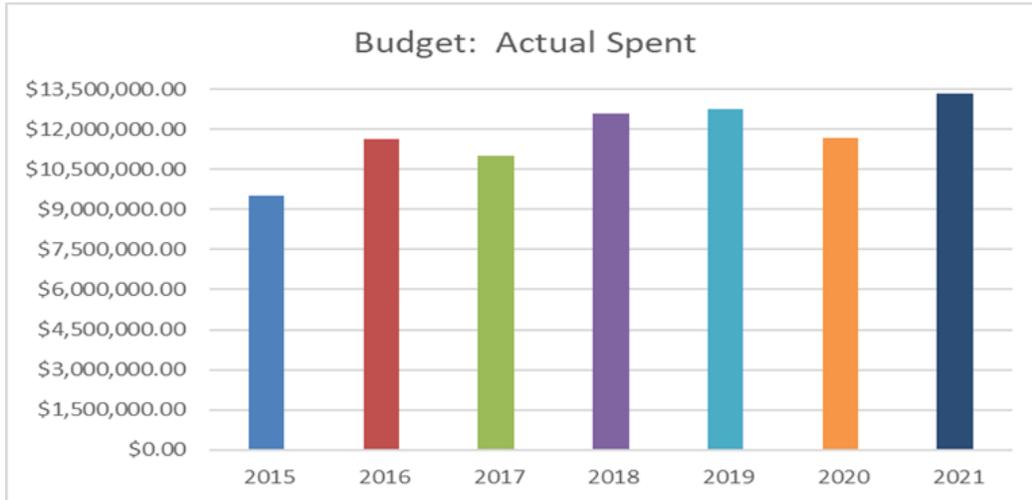
g. FIRE LOSS

- | | | |
|------------------------------------|---------------------|--------------------|
| i. 2017 – Structure: \$1,340,905 | Contents: \$31,100 | Total: \$1,372,005 |
| ii. 2018 – Structure: \$362,239 | Contents: \$16,000 | Total: \$378,239 |
| iii. 2019 – Structure: \$1,035,080 | Contents: \$3,000 | Total: \$1,038,080 |
| iv. 2020 – Structure: \$580,975 | Contents: \$262,340 | Total: \$843,315 |
| v. 2021 – Structure: \$657,068 | Contents: \$182,240 | Total: \$839,308 |

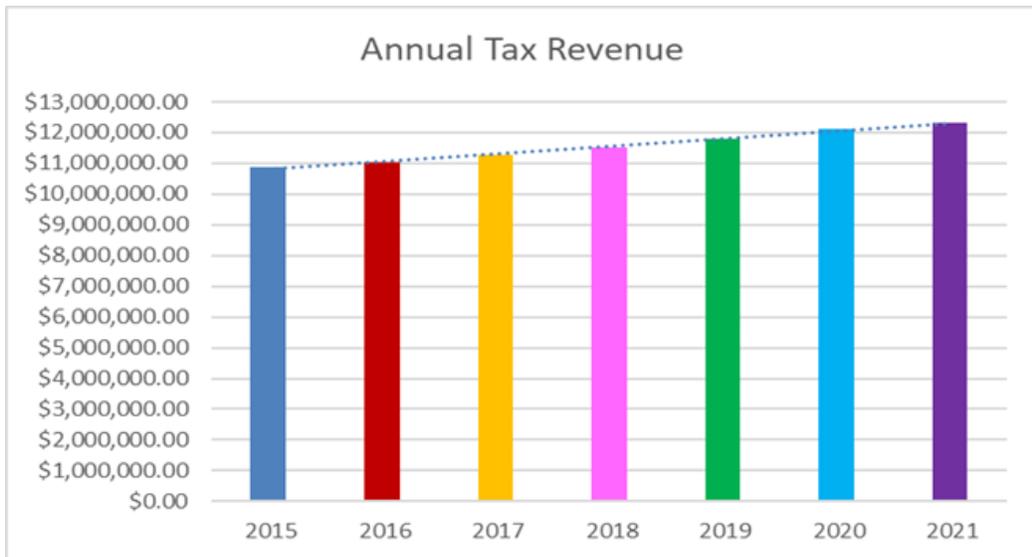
h. TOTAL INCIDENTS

- i. 2017 – 6257
- ii. 2018 – 6540
- iii. 2019 – 6897
- iv. 2020 - 6762
- v. 2021 – 7636

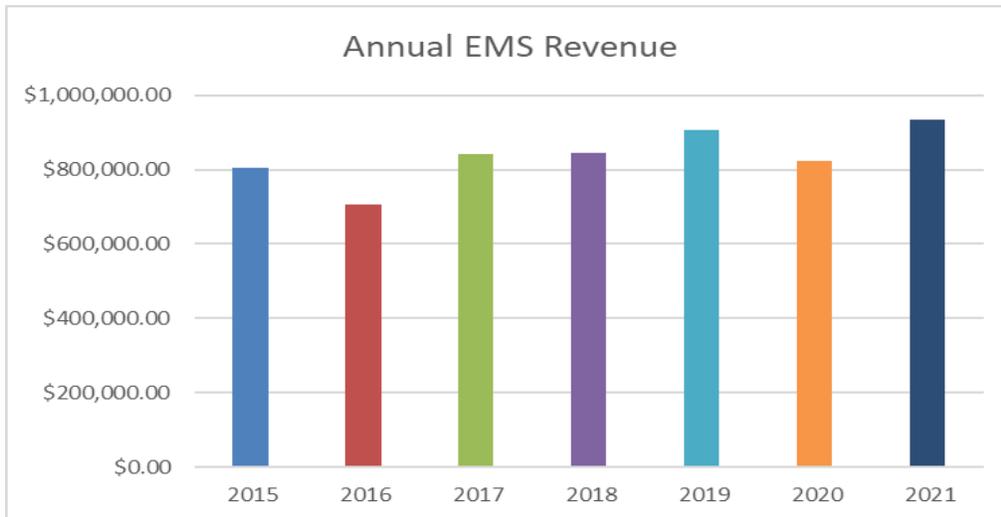
2. ANNUAL OPERATING BUDGET SPENT



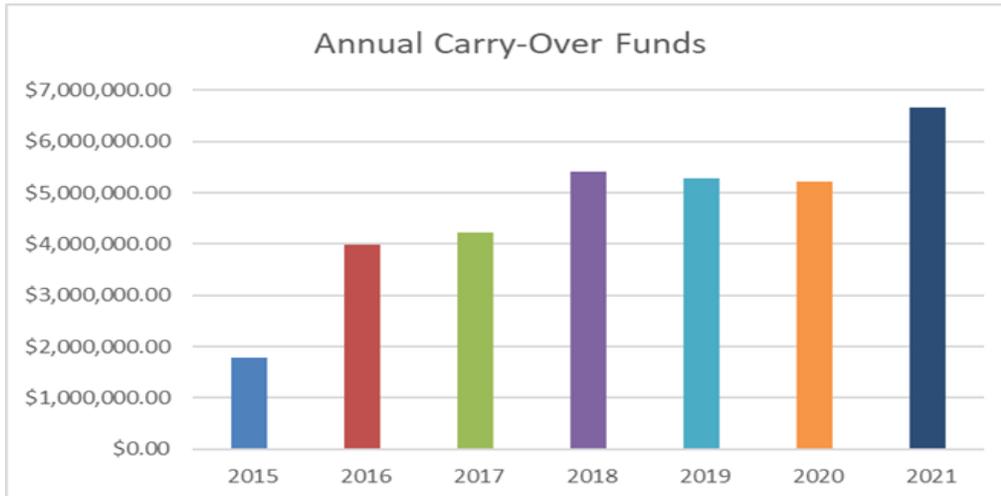
3. ANNUAL TAX REVENUE INCLUDING TAX ALLOCATION FUNDS



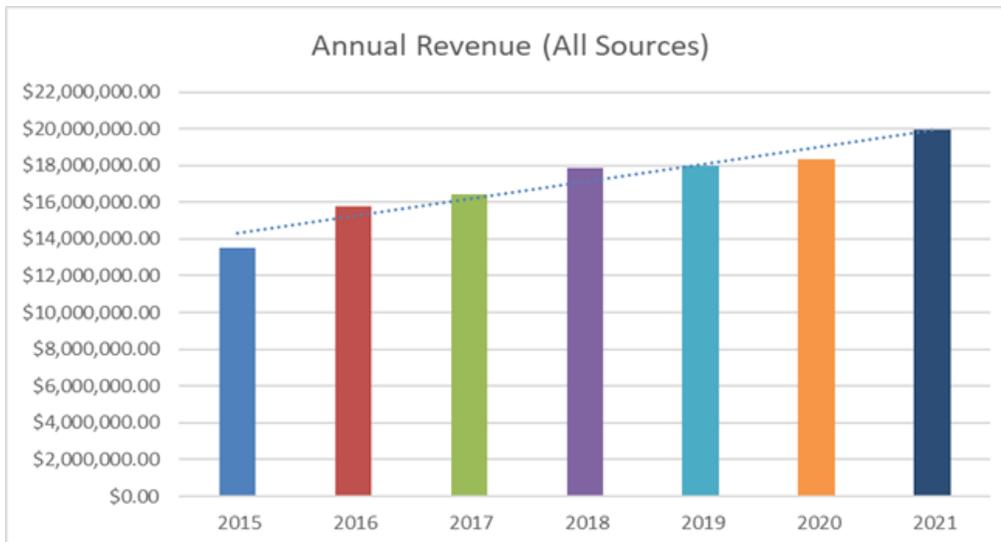
4. ANNUAL EMS REVENUE



5. ANNUAL CARRY-OVER FUNDS



6. ANNUAL REVENUE (ALL SOURCES)



7. RESPONSE TYPES

COMMUNITY PARAMEDIC

| | |
|---------------------|--------------|
| HOPE/FORT VISIT | 1 |
| INITIAL VISIT | 38 |
| STANDARD VISIT | 1,404 |
| Total for CP | 1,443 |

EMS

| | |
|---|--------------|
| ABDOMINAL PAIN | 108 |
| ALARM MEDICAL | 108 |
| ALLERGIC REACTION | 40 |
| ANIMAL BITE | 8 |
| ASSAULT | 58 |
| ATTEMPT SUICIDE | 70 |
| BEHAVIORAL EMERGENCY | 159 |
| BREATHING PROBLEMS | 563 |
| BURNS | 5 |
| CHEST PAIN | 208 |
| CHILDBIRTH / OB | 21 |
| CHOKING | 19 |
| CO POISONING | 2 |
| DIABETIC PROBLEMS | 62 |
| ELECTROCUTION / LIGHTNING | 1 |
| HEART PROBLEMS | 115 |
| HEAT / COLD EXPOSURE | 6 |
| HEMORRHAGE / LACERATION | 130 |
| NON BREATHER / ARREST | 100 |
| OVERDOSE | 67 |
| PERSON DOWN | 4 |
| PERSONAL ASSIST | 379 |
| POISONING | 2 |
| SEIZURE | 137 |
| SHOOTING | 12 |
| SICK PERSON | 1,265 |
| STABBING | 4 |
| STROKE / CVA | 122 |
| SWAT STANDBY | 2 |
| TRAFFIC ACCIDENT | 290 |
| TRAFFIC ACCIDENT HIGH SPEED / ENTRAPMENT | 92 |
| TRAFFIC ACCIDENT MOTORCYCLE | 14 |
| TRAFFIC ACCIDENT PEDESTRIAN STRUCK | 13 |
| TRAFFIC ACCIDENT VEHICLE IN STRUCTURE | 14 |
| TRAUMATIC INJURIES | 766 |
| UNCONSCIOUS PERSON | 194 |
| UNKNOWN EMERGENCY | 41 |
| WELL BEING CHECK | 10 |
| Total for EMS | 5,211 |

FIRE

| | |
|------------------------------|-----|
| ALARM COMMERCIAL / HIGH LIFE | 142 |
| ALARM LIMITED RESOURCE | 3 |
| ALARM RESIDENTIAL | 180 |
| ALARM WATERFLOW | 19 |
| ALERT 2 AIRCRAFT | 1 |
| BOMB DEVICE FOUND | 1 |
| CO ALARMS / CHECK | 71 |

| | |
|--|------------|
| FIRE BARN | 3 |
| FIRE BRUSH | 10 |
| FIRE COMMERCIAL / HIGH LIFE | 54 |
| FIRE MULCH | 9 |
| FIRE OUT | 3 |
| FIRE RESIDENTIAL STRUCTURE | 87 |
| FIRE TRASH | 11 |
| FIRE UTILITIES | 3 |
| FIRE VEHICLE | 26 |
| FIRE VEHICLE COMMERCIAL | 6 |
| FOREIGN ODOR | 27 |
| FUEL SPILL | 12 |
| INVESTIGATION / SERVICE RUN | 156 |
| LOCK IN / OUT | 19 |
| NATURAL GAS LEAK | 63 |
| POLICE ASSIST | 10 |
| RESCUE ELEVATOR | 4 |
| RESCUE EXTRICATION / ENTRAPMENT | 3 |
| RESCUE HIGH ANGLE | 1 |
| RESCUE WATER | 5 |
| SMOKE ODOR COMMERCIAL / HIGH LIFE | 4 |
| SMOKE ODOR RESIDENTIAL | 5 |
| WIRES DOWN | 10 |
| WORKING 2ND ALARM COMMERCIAL / HIGH LIFE | 2 |
| WORKING 2ND ALARM RESIDENTIAL | 2 |
| WORKING FIRE BARN | 1 |
| WORKING FIRE COMMERCIAL / HIGH LIFE | 8 |
| WORKING FIRE RESIDENTIAL | 21 |
| Total for FIRE | 982 |

8. RESPONSE BY RUN CARD ZONE (# of times dispatched)

| RUN CARD ZONE | B591 | C590 | C592 | CPU591 | E591 | EMS591 | M591 | M592 | M593 | R592 |
|---|-------------|----------|-----------|-------------|-------------|-----------|-------------|-------------|-------------|-------------|
| US 33 | 25 | | | | 31 | 1 | 39 | 5 | 0 | 23 |
| Long/Diley/Fox Glen West (410) | 50 | | | 32 | 83 | | 140 | 20 | 10 | 20 |
| Central Pickerington Area (510) | 148 | | | 712 | 354 | 15 | 613 | 119 | 44 | 54 |
| SW Twp./Waterloo Area (551) | 14 | | | 1 | 11 | | 31 | 6 | | 2 |
| Doty/256 (610) | 49 | | 1 | 105 | 108 | 1 | 224 | 37 | 12 | 21 |
| Diley btwn. Busey/33 (710) | 60 | | | 55 | 133 | 1 | 244 | 56 | 14 | 37 |
| Waterloo/Hill Rd. (730) | 16 | | | 2 | 29 | | 39 | 9 | 2 | 10 |
| Jefferson Woods/Woodstream (810) | 13 | 1 | | 31 | 31 | | 41 | 6 | 3 | 6 |
| Benadum Rd. (830) | 6 | | | | 7 | | 13 | 1 | | 1 |
| Jefferson Farms to Twp. Line East & South (910) | 5 | | | 17 | 18 | | 31 | 3 | | 3 |
| Lockville (950) | 1 | | | | 1 | | 6 | 1 | | |
| Summerfield (120) | 101 | 0 | 1 | 4 | 54 | 4 | 25 | 412 | 97 | 163 |
| Mingo Estates (160) | 22 | | 1 | 14 | 4 | 1 | 9 | 52 | 4 | 36 |
| Windmill/Fuller's Way (161) | 148 | 0 | 0 | 289 | 75 | 7 | 58 | 593 | 107 | 306 |
| Ashley Creek/Chevington North (210) | 18 | | 1 | 9 | 9 | | 7 | 96 | 22 | 61 |
| Melrose/Chevington Village/Countrywood (220) | 40 | | 2 | 128 | 24 | 1 | 31 | 173 | 12 | 101 |
| Violet Meadows/Huntington Hills (310) | 77 | | 1 | 51 | 54 | 2 | 41 | 159 | 15 | 122 |
| Old 110 Quadrant | 257 | 0 | 5 | 0 | 142 | 6 | 24 | 98 | 767 | 275 |
| I-70 | 32 | | | | 28 | | 4 | 11 | 34 | 31 |
| TOTAL | 1082 | 1 | 12 | 1450 | 1196 | 39 | 1620 | 1857 | 1143 | 1272 |

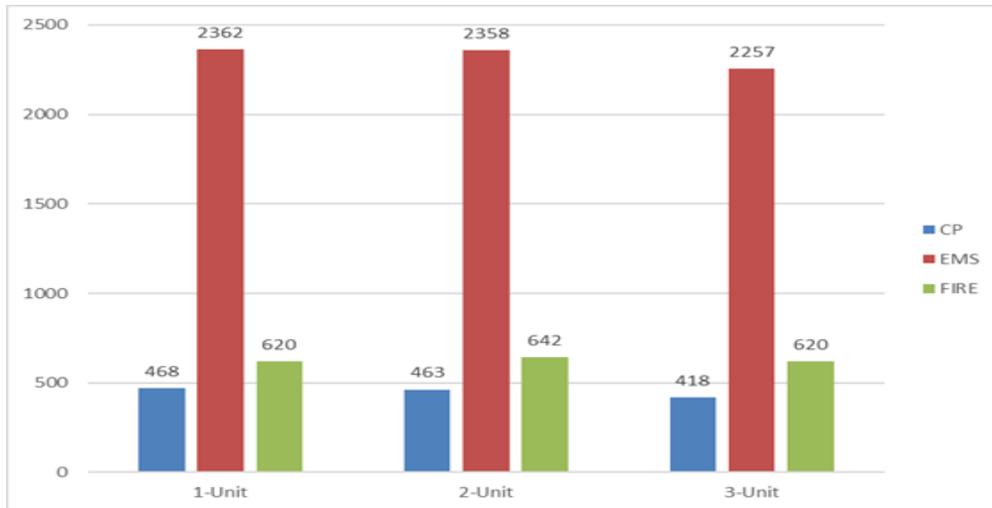
9. MUTUAL AID GIVEN (# of times dispatched)

| RUN CARD ZONE | B591 | E591 | M591 | M592 | M593 | R592 |
|----------------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Millersport | 16 | 5 | 0 | 1 | 0 | 15 |
| Bloom Twp. | 11 | 9 | 14 | 1 | | 3 |
| Greenfield Twp. | 2 | | 3 | 2 | | 2 |
| Basil Joint Fire District | 19 | 19 | 12 | 20 | 2 | 17 |
| CFD Sta. 23 | | | | | 4 | 3 |
| CFD Sta. 32 | 18 | 23 | 30 | 30 | 97 | 30 |
| CFD Sta. 35 | | | | | 9 | 1 |
| CFD Sta. 5 | | | | | 4 | 3 |
| Madison Twp. | 7 | 6 | 12 | 4 | 1 | 6 |
| Truro Twp. | 88 | 0 | 2 | 3 | 246 | 77 |
| West Licking Fire District | 28 | 9 | 0 | 6 | 76 | 36 |
| TOTAL | 189 | 71 | 73 | 67 | 439 | 193 |

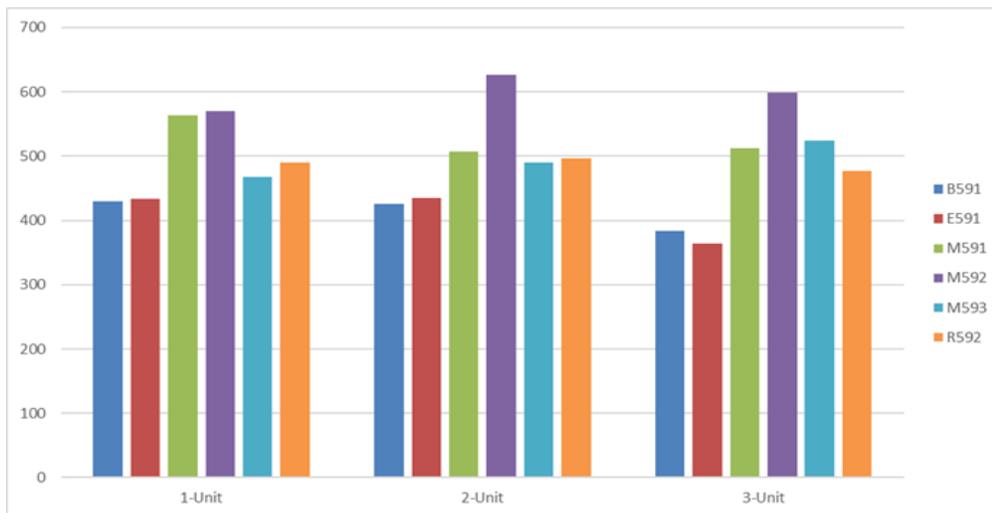
10. MUTUAL AID RECEIVED (# of times dispatched)

| RUN CARD ZONE | B161 | E161 | E162 | E182 | E611 | L32 | M161 | M162 | M182 | M183 | M551 | M552 | M611 |
|---|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| US 33 | 0 | 0 | 0 | 5 | 15 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| Long/Diley/Fox Glen West (410) | 6 | | 5 | 1 | 2 | 1 | | | 3 | 3 | | | |
| Central Pickerington Area (510) | 16 | 2 | 18 | | 3 | 7 | 3 | 9 | 1 | | | | 10 |
| SW Twp./Waterloo Area (551) | | | | | | | | | 2 | | 30 | | |
| Doty/256 (610) | 6 | | 2 | | 6 | | 3 | 6 | | | | | 3 |
| Diley btwn. Busey/33 (710) | 4 | | 6 | | 1 | 1 | | | 3 | 2 | 1 | | |
| Waterloo/Hill Rd. (730) | | | | 23 | | | | | 11 | | 1 | | |
| Jefferson Woods/Woodstream (810) | 1 | 1 | | 1 | | 1 | | | 1 | | 1 | | |
| Benadum Rd. (830) | | | | | | | | | 1 | | 1 | 12 | |
| Jefferson Farms to Twp. Line East & South (910) | | | | | | | | | | | | | |
| Lockville (950) | | | | | | | | | | | | | |
| Summerfield (120) | 12 | 1 | 14 | 2 | 0 | 2 | 3 | 5 | 0 | 0 | 0 | 0 | 2 |
| Mingo Estates (160) | 2 | | 1 | | | | | 1 | | | | | |
| Windmill/Fuller's Way (161) | 17 | 6 | 17 | 0 | 0 | 3 | 5 | 10 | 0 | 7 | 0 | 0 | 2 |
| Ashley Creek/Chevington North (210) | 2 | 1 | 3 | | | | 1 | | | | | | 1 |
| Melrose/Chevington Village/Countrywood (220) | 3 | | 4 | | 2 | | 1 | 1 | | | | | 4 |
| Violet Meadows/Huntington Hills (310) | 6 | | 1 | | 7 | 1 | | | | | | | 4 |
| Old 110 Quadrant | 17 | 8 | 16 | 0 | 0 | 3 | 6 | 31 | 0 | 0 | 0 | 0 | 3 |
| I-70 | 6 | 5 | 26 | | 1 | | 1 | 5 | | | | | |
| TOTAL | 98 | 24 | 113 | 32 | 37 | 19 | 23 | 68 | 24 | 12 | 34 | 12 | 29 |

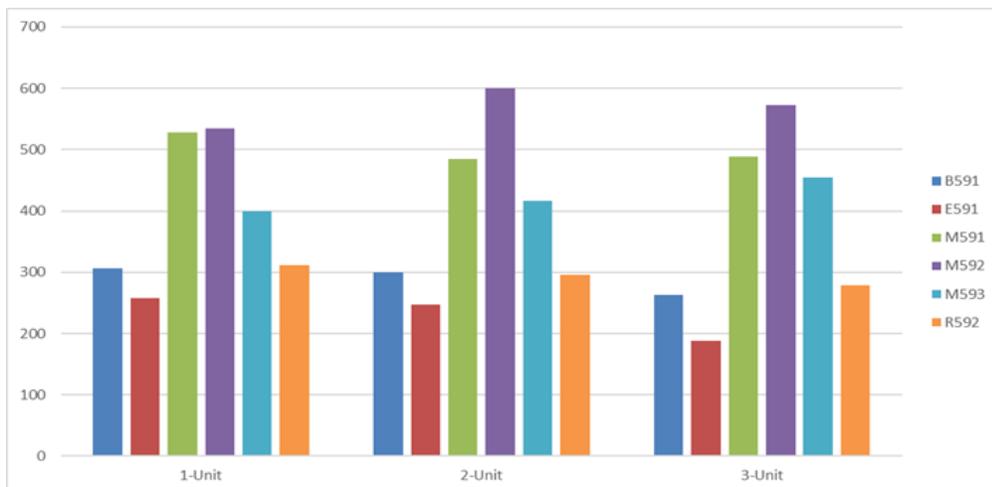
11. EMS, FIRE & COMMUNITY MEDIC DISPATCH BY UNIT DAY (ALL VEHICLES FROM CAD)



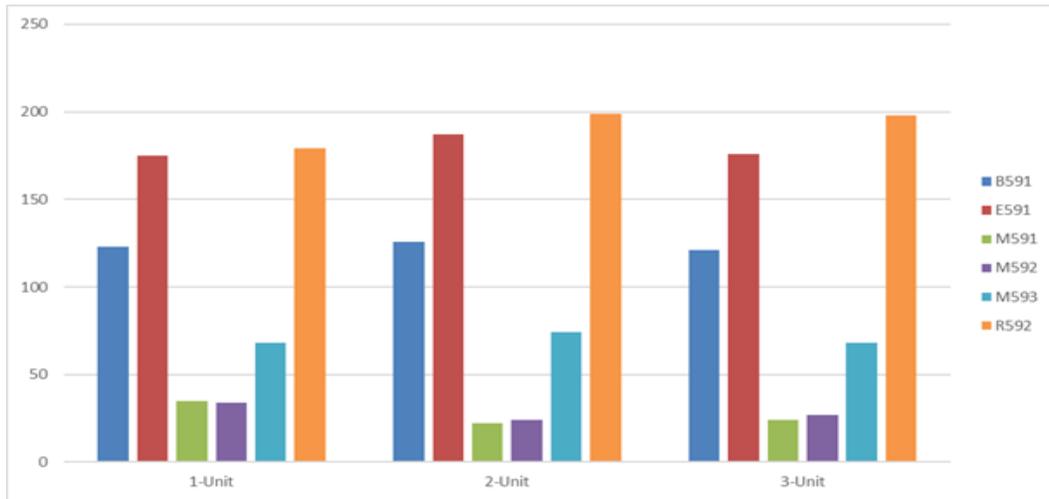
12. EMS & FIRE RESPONSE BY VEHICLE (FROM CAD)



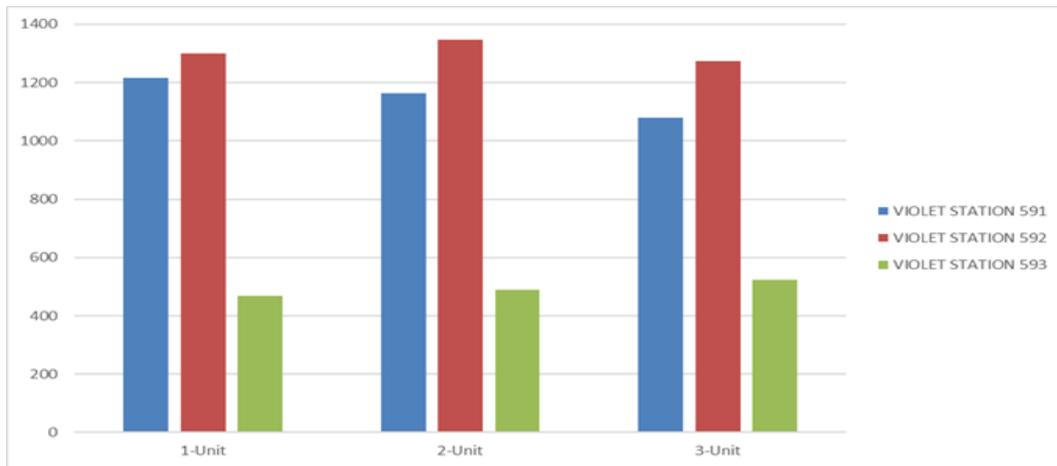
13. EMS RESPONSE BY VEHICLE (FROM CAD)



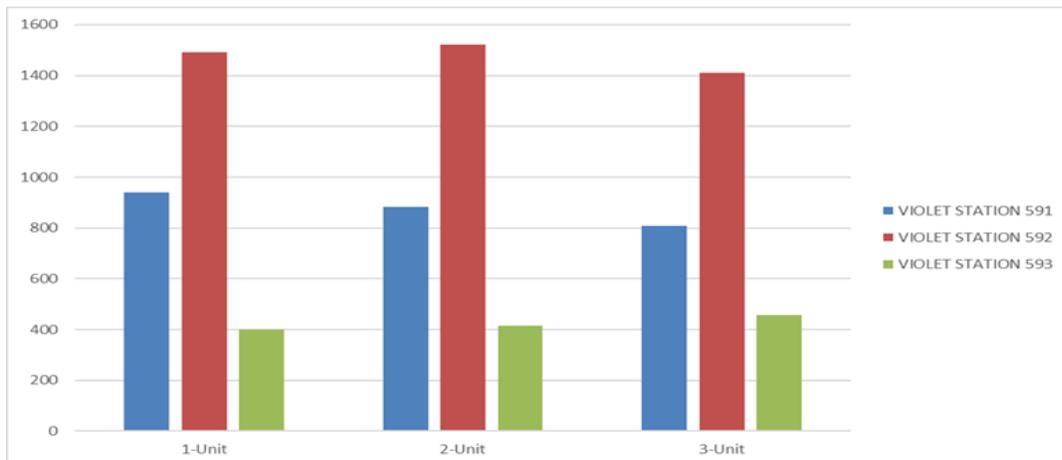
14. FIRE RESPONSE BY VEHICLE (FROM CAD)



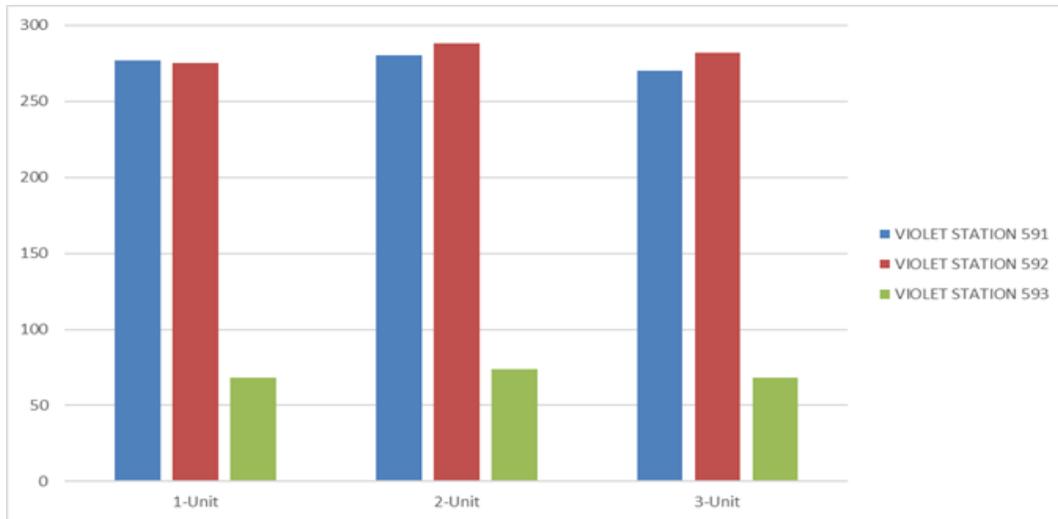
15. EMS & FIRE RUNS BY STATION (FROM CAD)



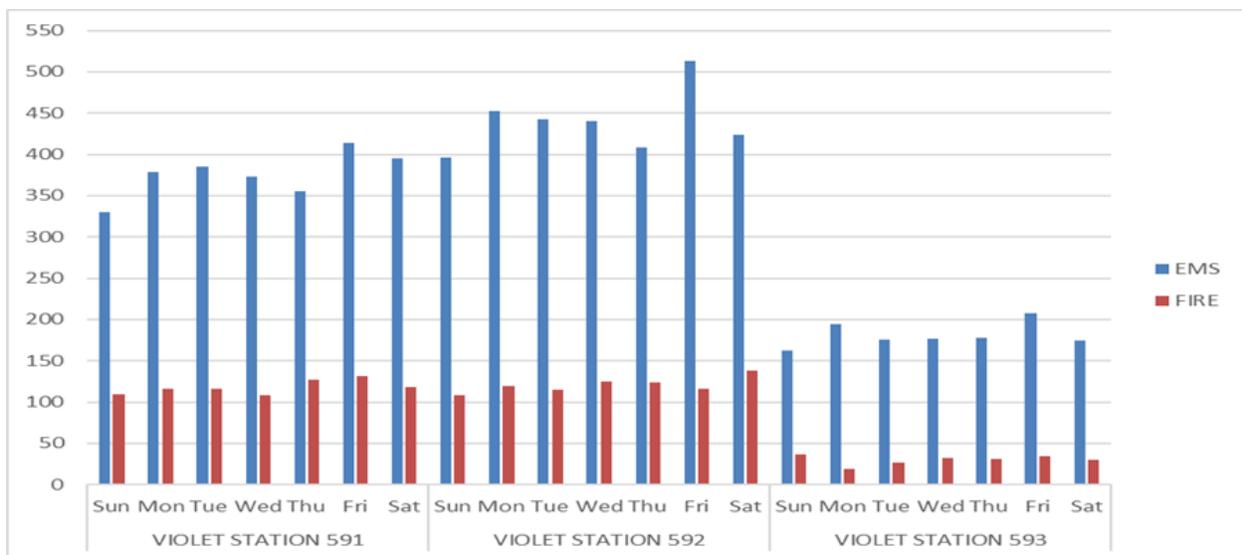
16. EMS RUNS BY STATION INCLUDING COMMUNITY MEDIC (FROM CAD)



17. FIRE RUNS BY STATION (FROM CAD)



18. EMS & FIRE RUNS BY STATION AND BY DAY (FROM CAD)



19. MEDIC/EMS STATISTICS (FROM IMAGETREND)

a. Medic Run Breakdown

| EMS Unit | Number of Runs | Percent of Runs | Transports | Percent of Transports |
|---------------------|----------------|-----------------|-------------|-----------------------|
| M591 | 1589 | 33.45% | 987 | 32.95% |
| M592 | 1802 | 37.93% | 1189 | 39.70% |
| M593 | 1360 | 28.63% | 819 | 27.35% |
| GRAND TOTALS | 4751 | | 2995 | |

b. Hospital Transports

| Hospital Destination | Number of Runs | Percent of Total Runs |
|--|-----------------------|------------------------------|
| Mount Carmel East Hospital | 911 | 30.38% |
| Ohio Health Pickerington Emergency Care Center | 720 | 24.01% |
| Diley Ridge | 507 | 16.91% |
| Mount Carmel Reynoldsburg | 239 | 7.97% |
| Nationwide Children's Hospital | 177 | 5.90% |
| Ohio State University Medical Center | 144 | 4.80% |
| Grant Medical Center | 127 | 4.23% |
| Riverside Methodist Hospital | 72 | 2.40% |
| Ohio Health Reynoldsburg | 21 | 0.70% |
| Fairfield Medical Center | 17 | 0.57% |
| OSU East | 16 | 0.53% |
| Columbus Springs East | 11 | 0.37% |
| Mount Carmel St. Ann's Hospital | 10 | 0.33% |
| Mt. Carmel St. Ann's Hospital | 9 | 0.30% |
| Mount Carmel Grove City | 7 | 0.23% |
| Fairfield Medical Center River Valley | 4 | 0.13% |
| Doctor's Hospital West - Columbus | 2 | 0.07% |
| Dublin Methodist Hospital | 2 | 0.07% |
| Grady Memorial Hospital | 1 | 0.03% |
| Mount Carmel Behavioral Health | 1 | 0.03% |

c. Treatments/Procedures Performed (7,182 treatments/procedures performed)

| Procedures Performed | Times Performed | Percent of Total |
|---|------------------------|-------------------------|
| Medication Administration | 3,266 | 45.47% |
| 4 Lead EKG | 1,283 | 17.86% |
| IV | 1,041 | 14.49% |
| 12 Lead EKG | 676 | 9.41% |
| Blood Glucose Level | 203 | 2.83% |
| General Wound Care | 120 | 1.67% |
| ETCO2 Digital Capnography | 109 | 1.52% |
| Cervical Collar Applied | 79 | 1.10% |
| BVM without Airway | 44 | 0.61% |
| IO Cannulation | 34 | 0.47% |
| BVM with Airway | 33 | 0.46% |
| Ice Pack | 32 | 0.45% |
| CPR, Manual | 26 | 0.36% |
| Splinting, General | 26 | 0.36% |
| CPR, Mechanical Compressions | 25 | 0.35% |
| Supraglottic Airway, Single Lumen (King or I-Gel) | 25 | 0.35% |
| CPAP | 22 | 0.31% |
| Intubation | 22 | 0.31% |
| Suction Airway | 19 | 0.26% |
| Vein, Blood Draw | 16 | 0.22% |
| Defibrillation, Manual | 15 | 0.21% |

d. Top Ten Personnel EMS Runs Taken

| Crew Member Name | Number of Runs |
|-------------------|----------------|
| Steve Wernert | 453 |
| Devon Raub | 392 |
| Greg Wells | 360 |
| Evan Martin | 358 |
| Thurman Rohrbaugh | 355 |
| Jacob Dempsey | 340 |
| Andy Smith | 334 |
| Harry "Joe" Myers | 321 |
| Lee Little | 319 |
| Charles Kilger | 317 |

20. FIRE PREVENTION

- a. Inspections Completed
 - i. 2017 – 1545
 - ii. 2018 – 1595
 - iii. 2019 – 1530
 - iv. 2020 – 1359
 - v. 2021 – 1665

- b. 2021 Activities
 - i. 4 Trainings with On-Duty Personnel
 - ii. 13 Meetings/Trainings inside/outside the Department
 - iii. 30 Plan Reviews
 - iv. 10 Fire Investigations
 - v. 52 hours of Radio Programming

21. TRAINING

- a. 6,149.5 Training Man Hours – equates to 5.4% of on-duty time
- b. Spent \$53,792 on travel and training expenses in 2020 for personnel
 - i. FDTN, FRI, EMS World, NFA (no cost), OFA, IAFC, Rescue Tech School

22. TEMS (TACTICAL EMS)

- a. Training Hours – 450
- b. Seven (7) Small Team High Profile Courthouse Details
- c. Eighteen (18) SWAT Missions including a hostage-barricade in Lithopolis
- d. Twelve (12) PR Events with SWAT

23. ANNUAL TOY DRIVE

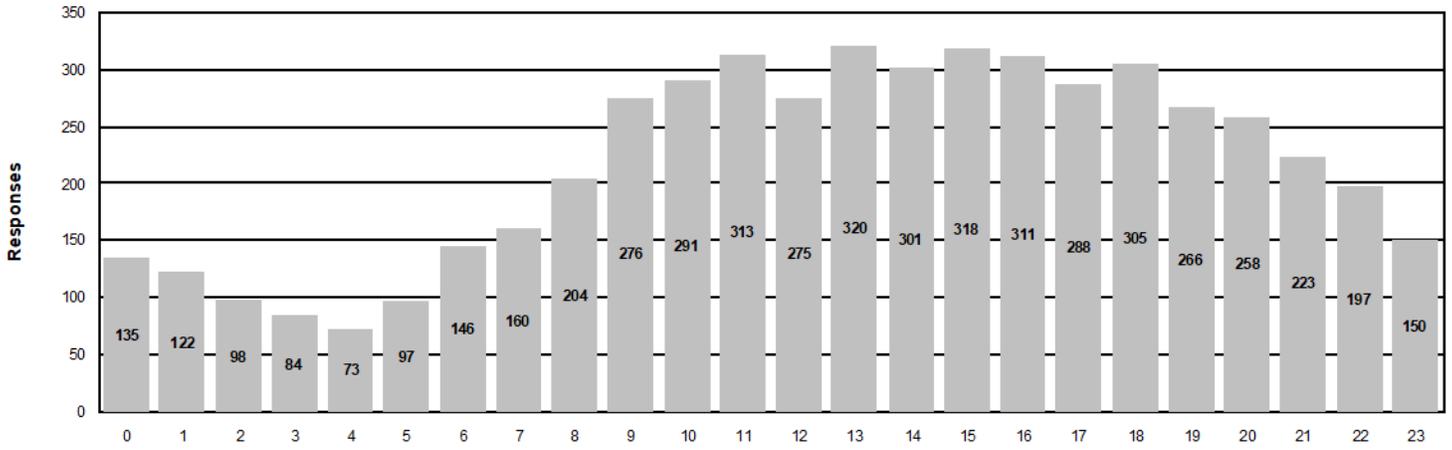
- a. Served 156 families and over 600 children in the Pickerington Local School District & Fairfield County
- b. Due to the number of donations received, we were also able to help some families in Newark and Licking County
- c. Donations totaled \$17,219.52 and another \$9,160 in gift cards; Expenditures totaled \$11,751.95

24. PUBLIC EDUCATION

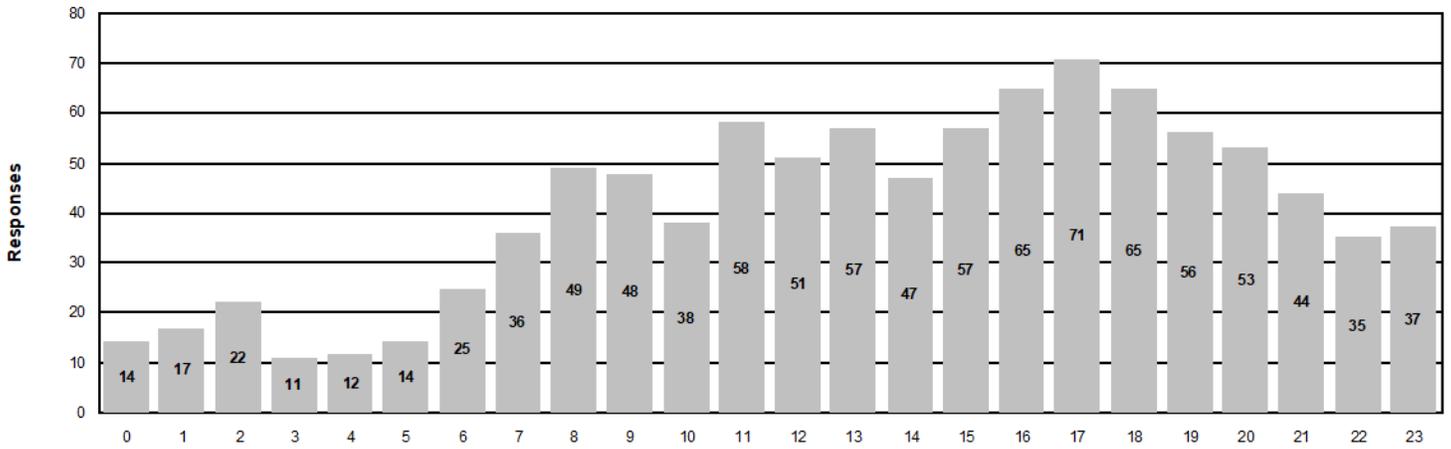
- a. 479 CPR trained through VTFD; our Training Center issued 663 total cards
- b. 26 Public Events attended

25. RESPONSE BY HOUR OF THE DAY

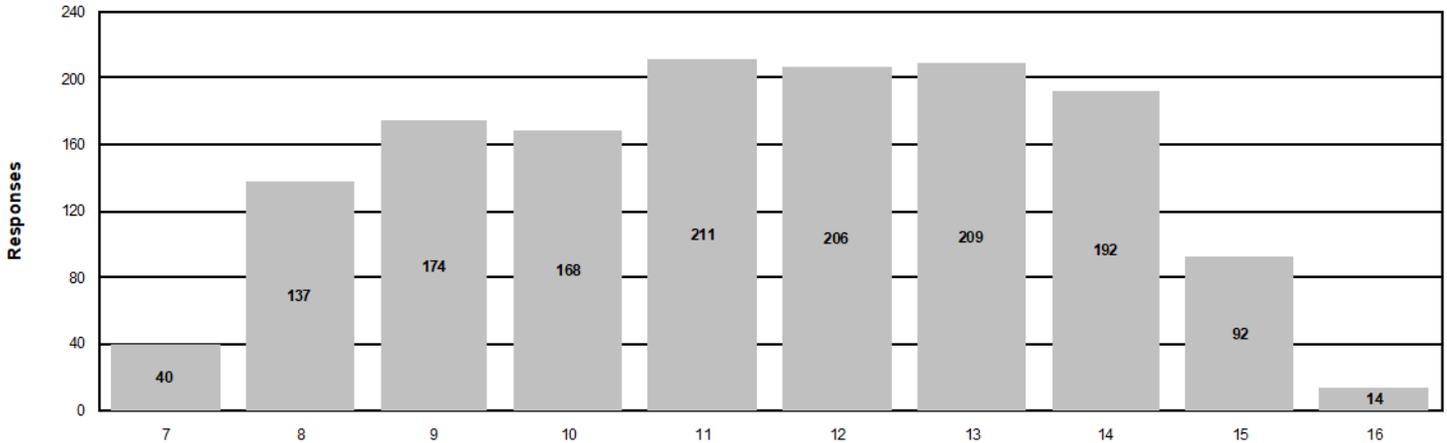
a. EMS



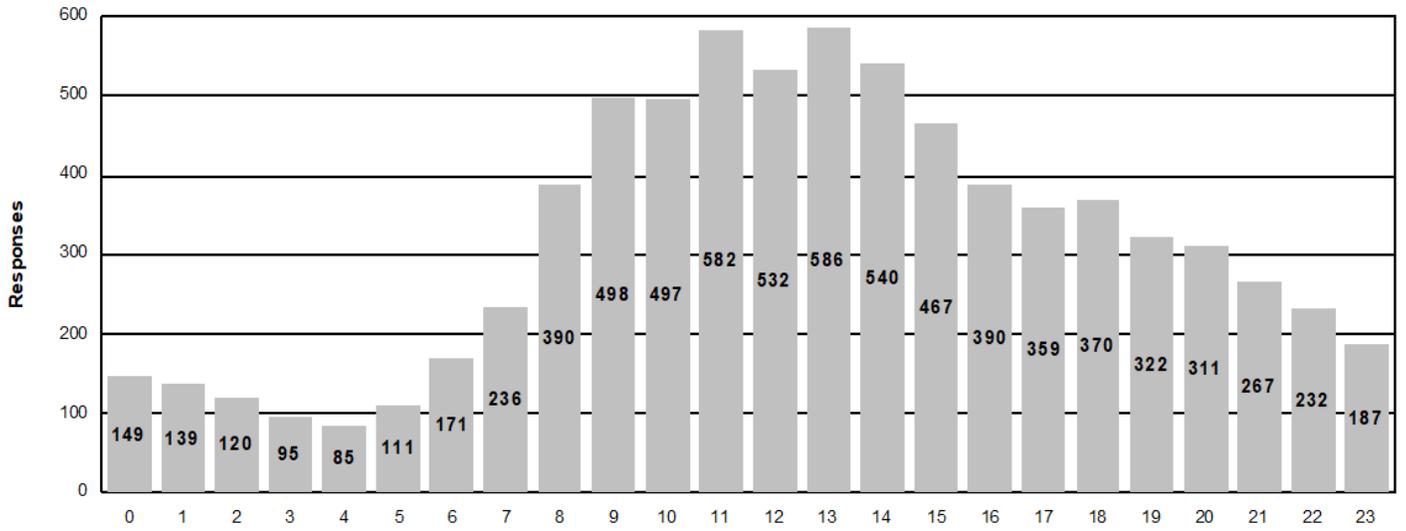
b. Fire



c. Community Medic

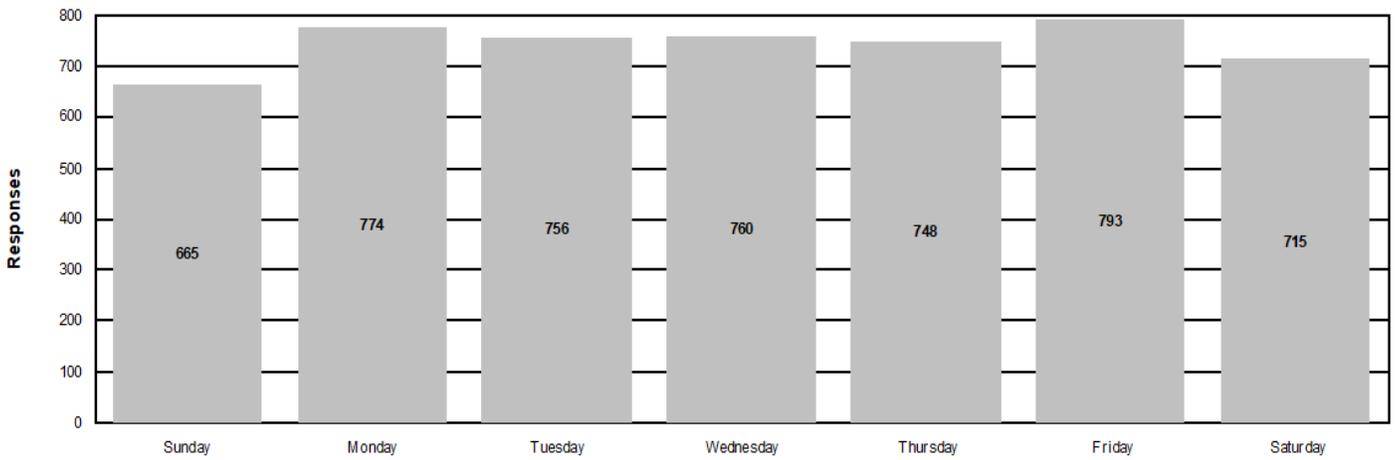


d. All Responses

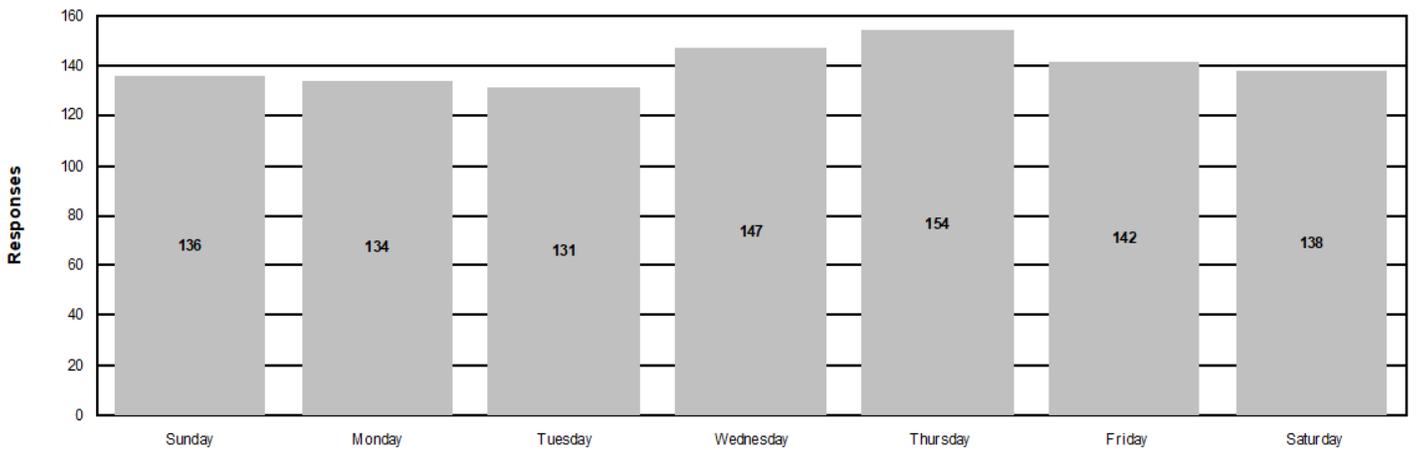


26. RESPONSE BY DAY OF WEEK

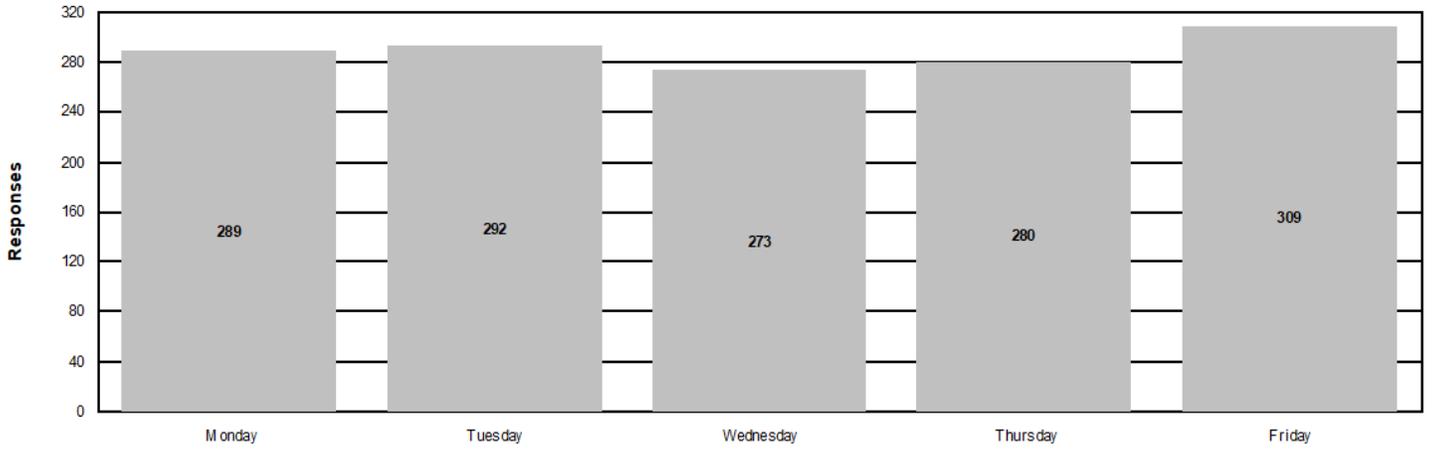
a. EMS



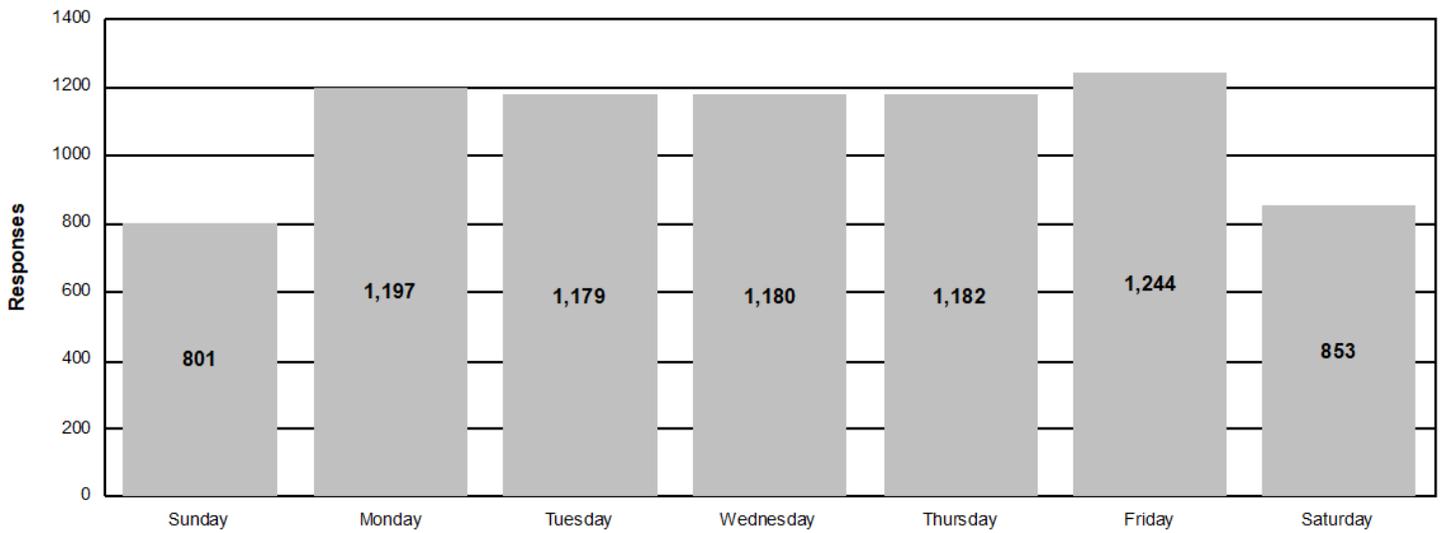
b. Fire



c. Community Medic

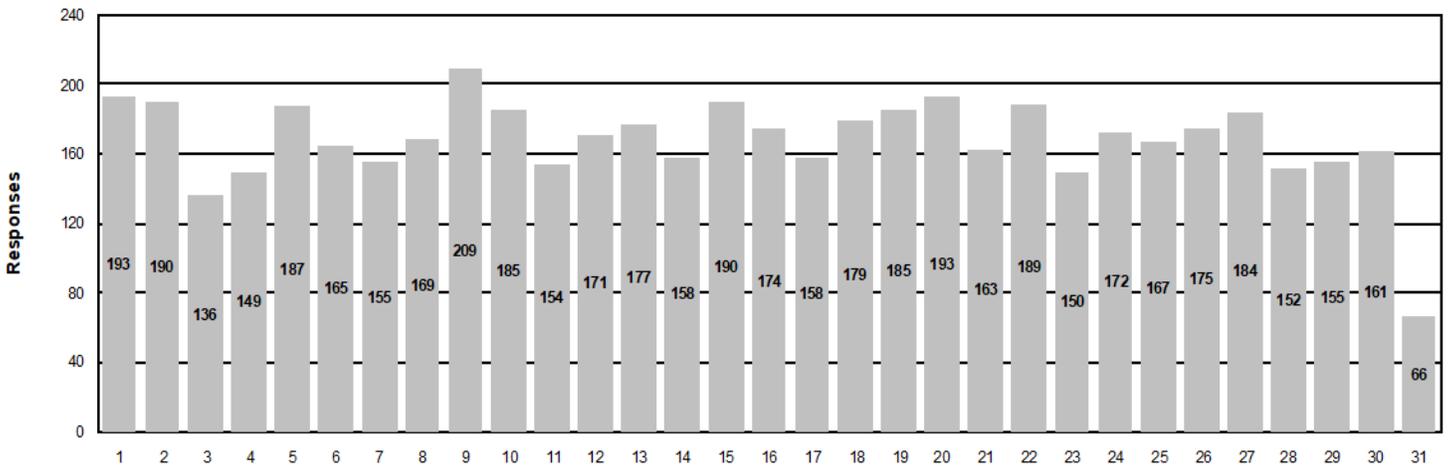


d. All Responses

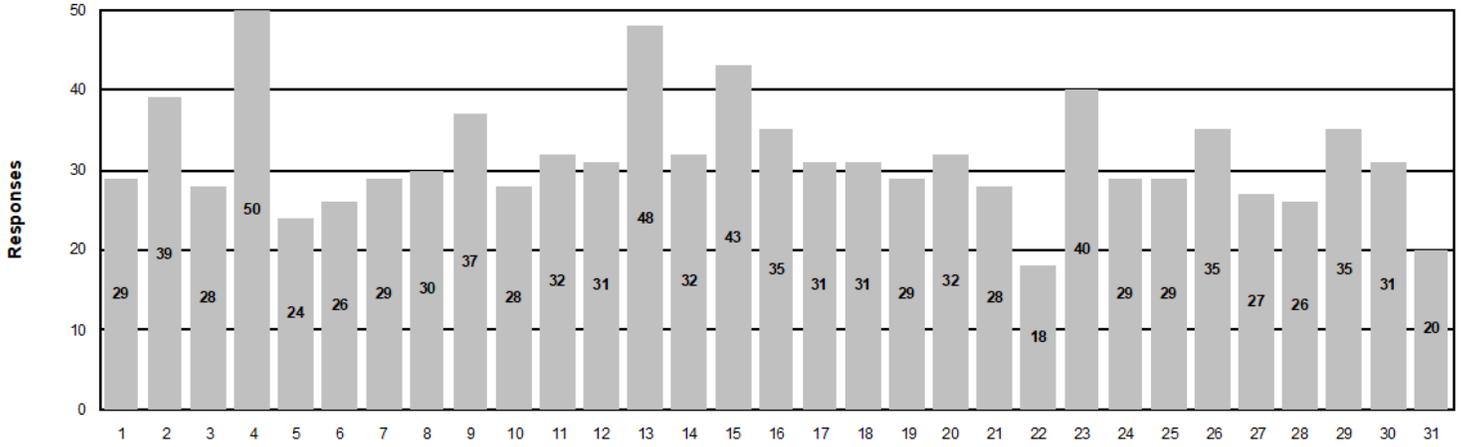


27. RESPONSE BY DAY OF THE MONTH

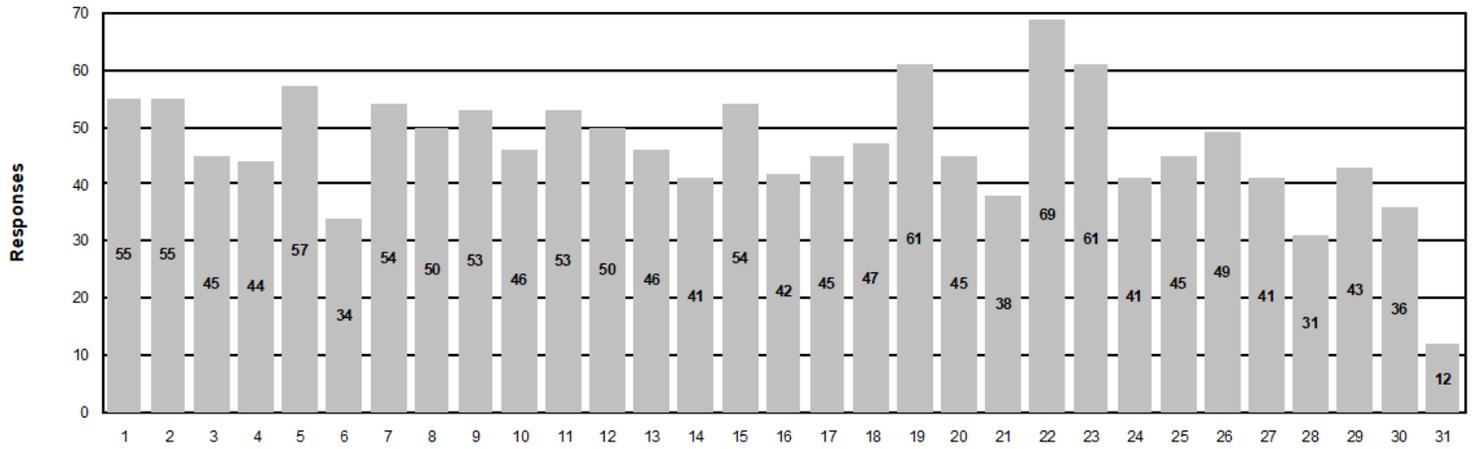
a. EMS



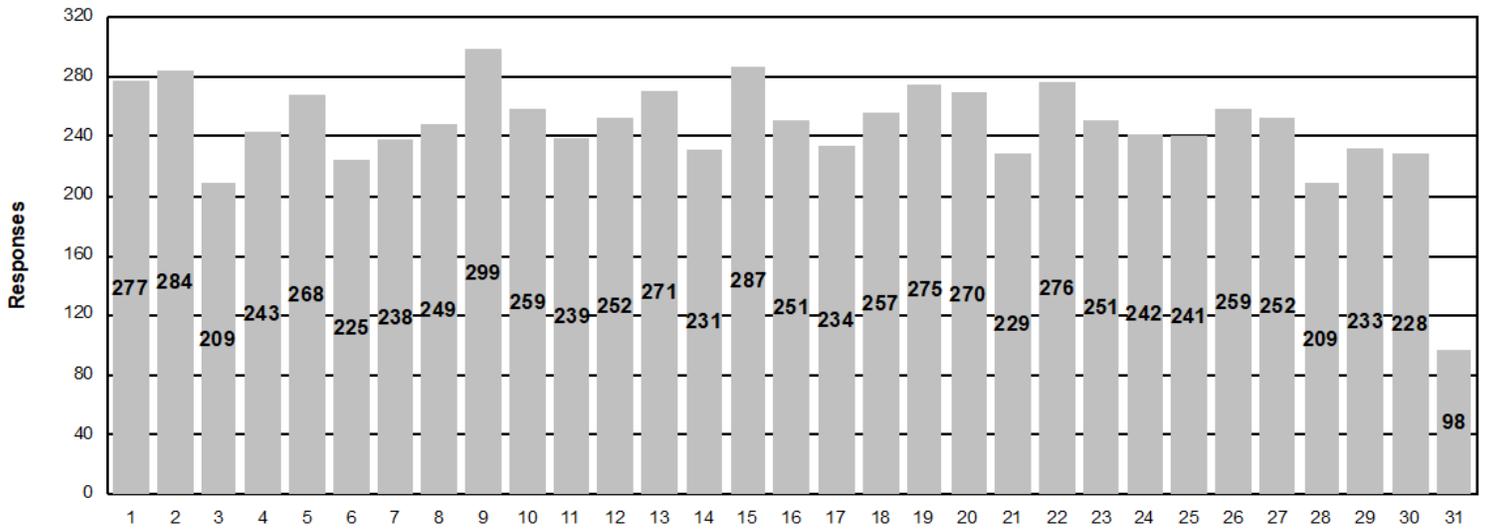
b. Fire



c. Community Medic

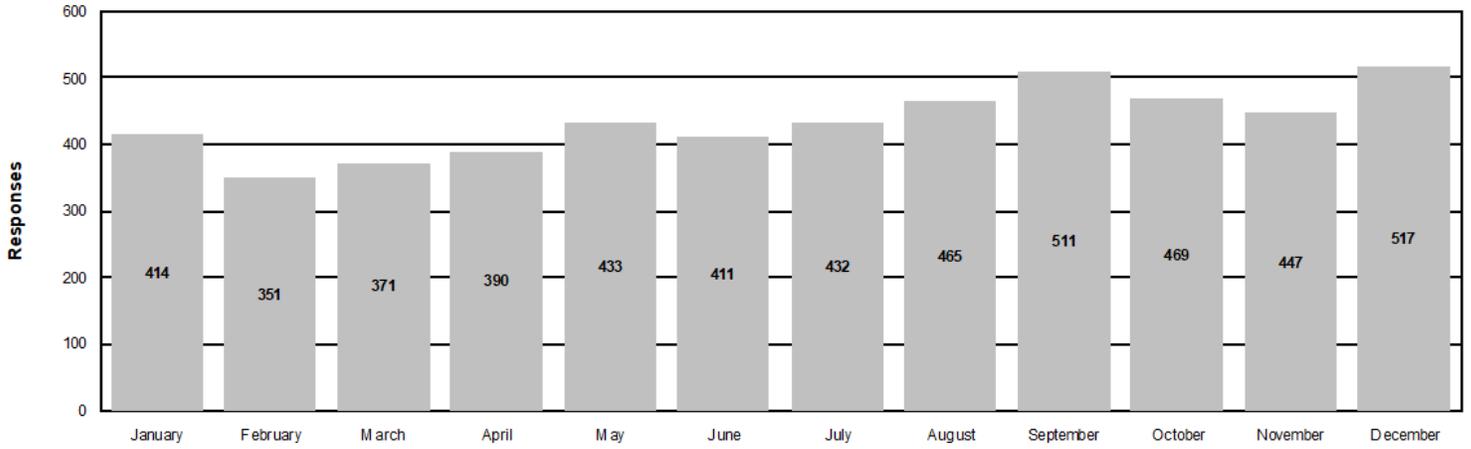


d. All Responses

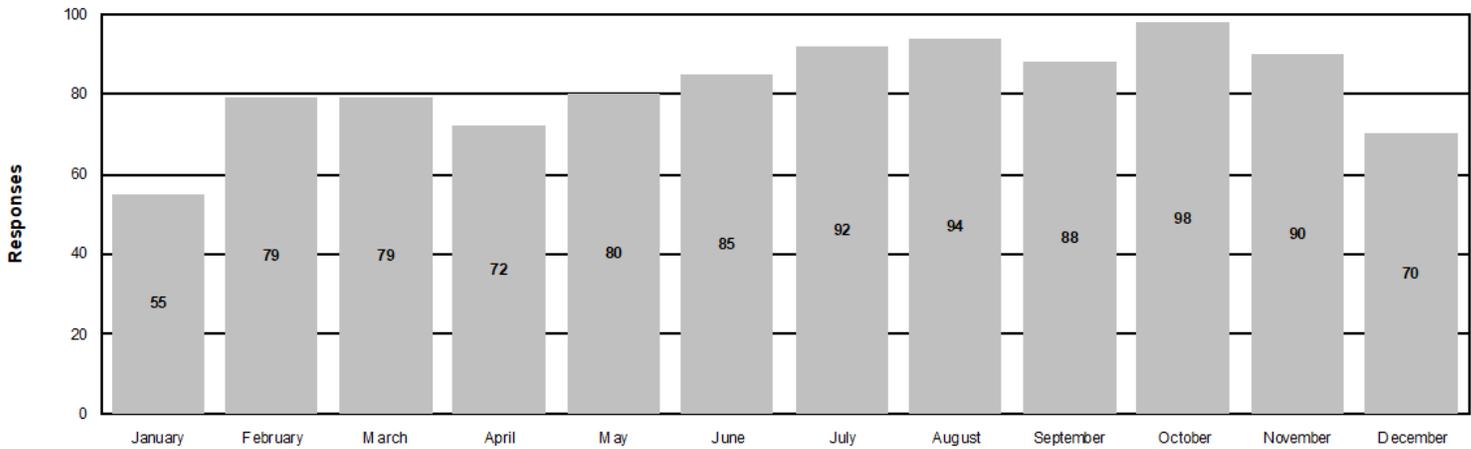


28. RESPONSE BY MONTH OF YEAR

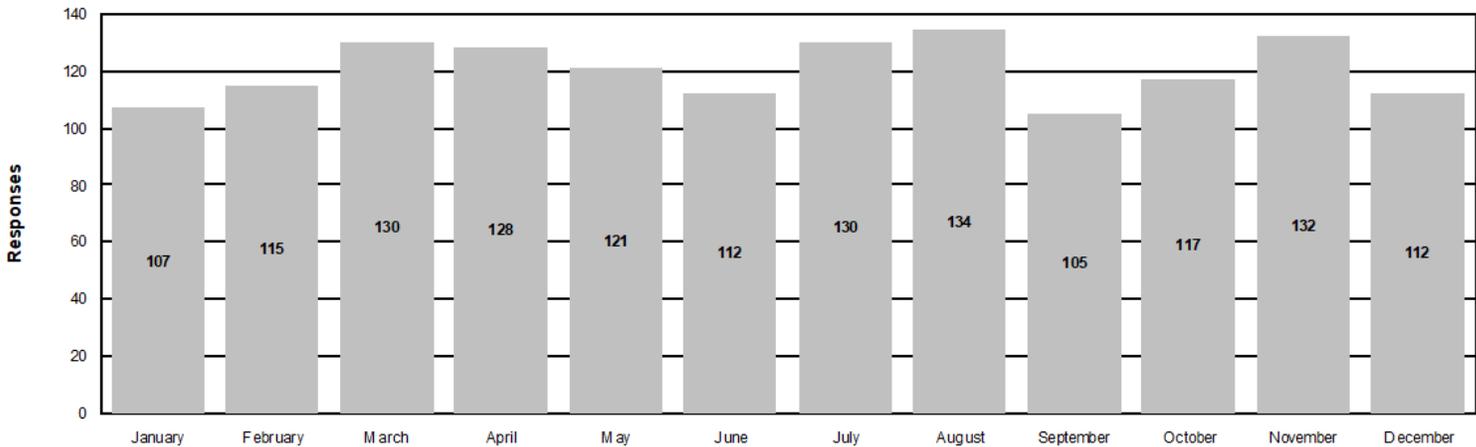
a. EMS



b. Fire



c. Community Medic



d. All Responses

