

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

## ***EMERGENCY MEDICAL SERVICES REPORT***

*April, 2023*

*Primum Non Nocere*

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# EMERGENCY MEDICAL SERVICES REPORT

## INTRODUCTION:

THE BUREAU IS CHARGED THE OPERATIONS OF ALL EMERGENCY MEDICAL SERVICES FOR MADISON TOWNSHIP AND CONTRACTED FIRST RESPONSE TO MONROE TOWNSHIP. OUR DUTIES INCLUDE MAINTAINED AND TRACKING/ORDERING OF STERILE SUPPLY, MEDICATIONS AND OXYGEN PRODUCTS.

IN PARTNERSHIP WITH UNIVERSITY HOSPITALS EMS INSTITUTE MEDICAL COMMAND, WE MAINTAIN A QUALITY PROGRAM WHICH INCLUDES QUALITY ASSURANCE AND IMPROVEMENT THROUGH CASE REVIEW AND EDUCATION.

THIS REPORT PROVIDES A DETAILED ACCOUNT OF OUR ACTIVITY AND STATISTICS FOR THE EMERGENCY MEDICAL OPERATIONS FOR MADISON TOWNSHIP. THIS REPORT WILL LOOK DIFFERENT THAN PAST REPORTS, WE HAVE TRANSITIONED TO A NEW EMS REPORTING SYSTEM CALLED HEALTH EMS. THIS PROGRAM WILL ALLOW US TO PROVIDE BETTER PATIENT CARE REPORTS AND TRACK AND IMPROVE THE CARE WE PROVIDE TO OUR CITIZENS.

## AGENCY ACTIVITY SUMMARY:

### INCIDENTS:

- TOTAL INCIDENTS: **187**
- EMS INCIDENTS: **135**
- FIRE INCIDENTS: **52**
- ePCR: **137**

### BY BRANCH(EMS):

- DISTRICT 71: **96 INCIDENTS**
- DISTRICT 72: **26 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **10 INCIDENTS**
- OTHER: **5 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **53 INCIDENTS = 38.7%**
- ALS: **81 INCIDENTS= 59.1%**
- ALS2: **3 INCIDENTS- 2.2%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 92 INCIDENTS = 67.2%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 4 INCIDENTS= 2.9%**
- TREATED/NO TRANSPORT:
  - 3 INCIDENTS = 2.2%**
- NO TRANSPORT/REFUSED:
  - 6 INCIDENTS= 4.4%**
- CANCELED:
  - 5 INCIDENTS= 3.6%**
- DEAD PRIOR TO ARRIVAL:
  - 3 INCIDENTS= 2.2%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 21 INCIDENTS= 15.3%**
- OTHER:
  - 3 INCIDENTS= 2.2%**

# EMERGENCY MEDICAL SERVICES REPORT

## RUNS BY PRIMARY IMPRESSION:

| <u>DESCRIPTION</u>            | <u>#</u> | <u>%</u> |
|-------------------------------|----------|----------|
| Abdominal Pain                | 6        | 4.4      |
| Alt. Level of Conscious       | 3        | 2.2      |
| Anxiety                       | 3        | 2.2      |
| Back Pain (no trauma)         | 4        | 2.9      |
| COVID-19 (suspected)          | 2        | 1.5      |
| Cva/Stroke                    | 2        | 1.5      |
| Cardiac Symptoms              | 2        | 1.5      |
| Chest Pain                    | 8        | 5.8      |
| Diabetic Symptoms             | 2        | 1.5      |
| Dizziness                     | 2        | 1.5      |
| Dyspnea-SOB                   | 14       | 10.2     |
| Flu Symptoms                  | 1        | 0.7      |
| GI-Blees                      | 1        | 0.7      |
| Headache (no trauma)          | 1        | 0.7      |
| Hypertension                  | 1        | 0.7      |
| Medical Device Failure        | 1        | 0.7      |
| Nausea                        | 1        | 0.7      |
| No Medical Problem            | 2        | 1.5      |
| Non-Traumatic Leg Pain        | 1        | 0.7      |
| Non-Traumatic Arm Pain        | 1        | 0.7      |
| OD - Suspected Overdose-Other | 1        | 0.7      |
| Obvious Death                 | 2        | 1.5      |
| Seizure                       | 5        | 3.6      |
| Sepsis                        | 1        | 0.7      |
| Sore Throat                   | 1        | 0.7      |
| Suicide Attempt               | 1        | 0.7      |
| Syncope/Fainting              | 3        | 2.2      |
| Trauma Injury                 | 12       | 8.8      |
| Unconscious                   | 1        | 0.7      |
| Unknown Medical               | 5        | 3.6      |
| Vomiting                      | 3        | 2.2      |
| Vomiting Blood                | 1        | 0.7      |
| Weakness                      | 3        | 2.2      |
| Left Blank                    | 34       | 24.8     |

## RUNS BY UNIT:

- MEDIC 71: **77 INCIDENTS**
- MEDIC 72: **01 INCIDENTS**
- MEDIC 73: **30 INCIDENTS**
- MEDIC 74: **29 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

## TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD  
 **74 PATIENTS (54.0%)**
- AVITA-ONTARIO  
 **15 PATIENTS (10.9%)**
- UH ASHLAND  
 **3 PATIENTS (2.2%)**
- OHIO HEALTH ONTARIO  
 **0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY  
 **0 PATIENTS (0.0%)**

## QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **49/146 (33.6%)**
- DR. SPANER: **23 (15.8%)**
- CAPTAIN GREEN: **26 (17.8%)**

## RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **155**
- MUTUAL AID RECEIVED = **0**
- AUTO AID RECEIVED = **1**
- MUTUAL AID GIVEN = **16**
- AUTO AID GIVEN = **15**

## DISPATCH MATRIX (DAYS):

- SUNDAY = **25 CALLS (12.8%)**
- MONDAY = **31 CALLS (15.9%)**
- TUESDAY = **30 CALLS (15.4%)**
- WEDNESDAY = **32 CALLS (16.4%)**
- THURSDAY = **24 CALLS (12.3%)**
- FRIDAY = **23 CALLS (11.8%)**
- SATURDAY = **29 CALLS (14.9%)**

## DISPATCH MATRIX (TIMES):

- 0001-0800: **38 CALLS (19.5%)**
- 0801-1600: **87 CALLS (44.6%)**
- 1601-2400: **70 CALLS (35.9%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

| <b>Code</b>                                            | <b>Total</b> | <b>%</b> |
|--------------------------------------------------------|--------------|----------|
| 100 - Fire, other                                      | 1            | 0.53%    |
| 113 - Cooking fire, confined to container              | 1            | 0.53%    |
| 130 - Mobile property (vehicle) fire, other            | 1            | 0.53%    |
| 138 - Off-road vehicle or heavy equipment fire         | 1            | 0.53%    |
| 151 - Outside rubbish fire                             | 2            | 1.07%    |
| 251 - Excessive heat, scorch burns with no ignition    | 1            | 0.53%    |
| 321 - EMS call, excluding vehicle accident with injury | 127          | 67.91%   |
| 322 - Vehicle accident with injuries                   | 3            | 1.6%     |
| 323 - Motor vehicle accident                           | 3            | 1.6%     |
| 324 - Motor vehicle accident with no injuries.         | 4            | 2.14%    |
| 424 - Carbon monoxide incident                         | 1            | 0.53%    |
| 444 - Power line down                                  | 6            | 3.21%    |
| 550 - Public service assistance, Other                 | 9            | 4.81%    |
| 552 - Police matter                                    | 1            | 0.53%    |
| 554 - Assist invalid                                   | 4            | 2.14%    |
| 611 - Dispatched & canceled en route                   | 12           | 6.42%    |
| 700 - False alarm or false call                        | 3            | 1.6%     |
| 740 - Unintentional transmission of alarm, other       | 1            | 0.53%    |
| 745 - Alarm system sounded, no fire-unintentional      | 2            | 1.07%    |
| 746 Carbon monoxide detector activation, no CO         | 1            | 0.53%    |
| N/A - Not Specified                                    | 1            | 0.53%    |

### TALLY REPORT (PROPERTY TYPE):

| <b>Code</b>                                            | <b>Total</b> | <b>%</b> |
|--------------------------------------------------------|--------------|----------|
| 130 - Places of worship, funeral parlors               | 1            | 0.53%    |
| 131 - Church, mosque, synagogue, temple, chapel        | 2            | 1.07%    |
| 161 - Restaurant                                       | 1            | 0.53%    |
| 162 - Bar or nightclub                                 | 1            | 0.53%    |
| 215 - High school/middle school                        | 1            | 0.53%    |
| 254 - Day care in commercial property                  | 1            | 0.53%    |
| 311 - 23 hour care nursing home, 4 or more persons     | 1            | 0.53%    |
| 331 - Hospital                                         | 1            | 0.53%    |
| 342 - Doctor, dentist, or oral surgeons office         | 1            | 0.53%    |
| 400 - Residential, other                               | 6            | 3.21%    |
| 419 - 1 or 2 family dwelling                           | 127          | 67.91%   |
| 429 - Multifamily dwellings                            | 3            | 1.6%     |
| 511 - Convenience store                                | 1            | 0.53%    |
| 519 - Food and beverage sales, grocery store           | 1            | 0.53%    |
| 571 - Service station, gas station                     | 2            | 1.07%    |
| 960 - Street, other                                    | 2            | 1.07%    |
| 961 - Highway or divided highway                       | 6            | 3.21%    |
| 962 - Residential street, road or residential driveway | 6            | 3.21%    |
| 963 - Street or road in commercial area                | 3            | 1.6%     |
| 965 - Vehicle parking area                             | 3            | 1.6%     |
| N/A - Not Specified                                    | 16           | 6.56%    |
| UUU - Undetermined                                     | 1            | 0.53%    |

EMERGENCY MEDICAL SERVICES REPORT

**RUN TIMES BY SERVICE DATE:**

| <u>DISTRICT<br/>(CALLS)</u> | <u>ENROUTE<br/>TO SCENE</u> | <u>SCENE<br/>TIME</u> | <u>SCENE TO<br/>DESTINATION</u> | <u>DISPATCH TO<br/>DESTINATION</u> |
|-----------------------------|-----------------------------|-----------------------|---------------------------------|------------------------------------|
| <b>71 (96)</b>              | <b>4.3 min</b>              | <b>16.8min</b>        | <b>12.3 min</b>                 | <b>33.4 min</b>                    |
| <b>72 (26)</b>              | <b>2.9 min</b>              | <b>14.3 min</b>       | <b>9.7 min</b>                  | <b>27.3 min</b>                    |
| <b>73 (0)</b>               | <b>0.0 min</b>              | <b>0.0 min</b>        | <b>0.0 min</b>                  | <b>0.0 min</b>                     |
| <b>74 (10)</b>              | <b>12.6 min</b>             | <b>12.0 min</b>       | <b>32.0 min</b>                 | <b>61.0 min</b>                    |
| <b>70 (5)</b>               | <b>6.0 min</b>              | <b>12.0 min</b>       | <b>6.0 min</b>                  | <b>24.0 min</b>                    |

**LOADED MILES:**

- MEDIC 71: **285.6 MILES**
- MEDIC 72: **4.7 MILES**
- MEDIC 73: **111.8 MILES**
- MEDIC 74: **83.9 MILES**
- TOTAL LOADED MILES: **486.0 MILES**

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **10**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **1 CALL (10.0%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **1 CALL (10.0%)**
- TREATED/NO TRANSPORT: **N/A**
- NO TRANSPORT/ REFUSED CARE: **N/A**
- CANCELED: **1 CALLS (10.0%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **7 CALLS (70.0%)**

**RUNS BY PRIMARY IMPRESSION:**

- NO MEDICAL PROBLEM: **1 CALL (10.0%)**
- VOMITING BLOOD: **1 CALL (10.0%)**
- LEFT BLANK: **8 CALLS (80.0%)**

**TRANSPORT DESTINATION:**

- UH SAMARITAN:: **1 TRANSPORTS (10.0%)**

**DISPATCH MATRIX:**

- SUNDAY: **0 CALLS (0.0%)**
- MONDAY: **2 CALLS (20.0%)**
- TUESDAY: **1 CALLS (10.0%)**
- WEDNESDAY: **1 CALLS (00.0%)**
- THURSDAY: **2 CALLS (20.0%)**
- FRIDAY: **1 CALLS (10.0%)**
- SATURDAY: **3 CALLS (30.0%)**