

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***OCTOBER, 2023***

*Primum Non Nocere*

PREPARED BY CAPTAIN WESLEY A. GREEN

# 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: **183**
- EMS INCIDENTS: **134**
- FIRE INCIDENTS: **49**
- ePCR: **134**

### BY BRANCH(EMS):

- DISTRICT 71: **121 INCIDENTS**
- DISTRICT 72: **42 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **10 INCIDENTS**
- OTHER: **10 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **71 INCIDENTS = 53.0%**
- ALS: **57 INCIDENTS= 42.5%**
- ALS2: **6 INCIDENTS- 4.5%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 83 INCIDENTS = 61.9%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 6 INCIDENTS= 4.5%**
- TREATED/NO TRANSPORT:
  - 8 INCIDENTS = 6.0%**
- NO TRANSPORT/REFUSED:
  - 9 INCIDENTS= 6.7%**
- CANCELED:
  - 6 INCIDENTS= 4.5%**
- DEAD PRIOR TO ARRIVAL:
  - 2 INCIDENTS= 1.5%**
- DEAD AFTER ARRIVAL:
  - 1 INCIDENTS= 0.7%**
- ASSIST:
  - 17 INCIDENTS= 12.7%**
- OTHER:
  - 2 INCIDENTS= 1.5%**

## EMERGENCY MEDICAL SERVICES REPORT

### RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	5	3.7
Alcohol Abuse with Intox	1	0.7
Allergic Reaction	1	0.7
Alt. Level of Conscious	2	1.5
Anxiety	7	5.2
Back Pain (no trauma)	6	4.5
CVA/Stroke	4	3.0
Cardiac Arrest	2	1.5
Cardiac Symptoms	6	4.5
Chest Pain	5	3.7
Dizziness	1	0.7
Dyspnea-SOB	4	3.0
GI - Bleed	1	0.7
GI - Diarrhea	1	0.7
Hypotension	2	1.5
Minor/General Injury	1	0.7
Nausea	2	1.5
No Medical Problem	6	4.5
Non-Traumatic Arm Pain	1	0.7
Non-Traumatic Leg Pain	3	2.2
OD - Suspected Opioid Overdose - Other narcotics	1	0.7
Obvious Death	2	1.5
Pulmonary Edema	1	0.7
Seizure	4	3.0
Syncope/Fainting	1	0.7
Trauma Injury	14	10.4
Unknown Medical	4	3.0
Urinary Bleeding	1	0.7
Vomiting	2	1.5
Vomiting Blood	1	0.7
Weakness	9	6.7
Left Blank	31	23..1

### RUNS BY UNIT:

- MEDIC 71: **97 INCIDENTS**
- MEDIC 72: **4 INCIDENTS**
- MEDIC 73: **4 INCIDENTS**
- MEDIC 74: **28 INCIDENTS**
- UTILITY 71: **1 INCIDENTS**

### TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
  - 67 PATIENTS (50.0%)**
- AVITA-ONTARIO
  - 16 PATIENTS (11.9%)**
- UH SAMARITAN
  - 0 PATIENTS (0.0%)**
- OHIO HEALTH ONTARIO
  - 0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY
  - 0 PATIENTS (0.0%)**

### QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **51/141(36.2%)**
- DR. SPANER: **25 (17.7%)**
- CAPTAIN GREEN: **26 (18.4%)**

### RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **141**
- MUTUAL AID RECEIVED = **2**
- AUTO AID RECEIVED = **1**
- MUTUAL AID GIVEN = **14**
- AUTO AID GIVEN = **11**

### DISPATCH MATRIX (DAYS):

- SUNDAY = **31 CALLS (17.9%)**
- MONDAY = **24 CALLS (13.9%)**
- TUESDAY = **25 CALLS (14.5%)**
- WEDNESDAY = **24 CALLS (13.9%)**
- THURSDAY = **27 CALLS (15.6%)**
- FRIDAY = **25 CALLS (14.5%)**
- SATURDAY = **17 CALLS (9.8%)**

### DISPATCH MATRIX (TIMES):

- 0001-0800: **35 CALLS (20.1%)**
- 0801-1600: **67 CALLS (38.7%)**
- 1601-2400: **71 CALLS (41.1%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	2	1.18%
113 - Cooking fire, confined to container	1	0.59%
151- Outside		
321 - EMS call, excluding vehicle accident with injury	117	69.23%
322 - Vehicle accident with injuries	10	5.92%
324 - Motor vehicle accident with no injuries.	1	0.59%
440 - Electrical wiring/equipment problem	1	0.59%
444 - Power line down	1	0.59%
550 - Public service assistance, Other	3	1.78%
551 - Assist Police	1	0.59%
553 - Public Service	2	1.18%
554 - Assist invalid	5	2.96%
611 - Dispatched & canceled en route	12	7.1%
651 - Smoke scare	2	1.18%
711 - Municipal alarm system	2	1.18%
735 - Alarm system sounded due to malfunction	1	0.59%
740 - Unintentional Alarm	2	1.18%
741 - Sprinkler Activation	1	0.59%
745 - Alarm system sounded, no fire, unintentional	1	0.59%
746 - Carbon monoxide Detector activation, No CO	2	1.18%

### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
121 - Ballroom, Gymnasium	1	0.59%
131 - Church	4	2.37%
161 - Restaurant	1	0.59%
200 - Educational	1	0.59%
215 - High School	1	0.59%
311 - 24 hour care nursing home, 4 or more persons	2	1.18%
342 - Doctor Office	1	0.59%
400 - Residential, other	9	5.33%
419 - 1 or 2 family dwelling	106	62.72%
429 - Multifamily dwellings	3	1.78%
449 - Hotel/Motel	1	0.59%
519 - Food and beverage sales, grocery store	2	1.18%
549 - Specialty shop	1	0.59%
571 - Service station, gas station	1	0.59%
888 - Fire station	1	0.59%
961 - Highway or divided highway	1	0.59%
962 - Residential street, road or residential driveway	9	5.33%
963 - Street or road in commercial area	5	2.96%
N/A - Not Specified	18	10.65%
UUU - Undetermined	1	0.59%

EMERGENCY MEDICAL SERVICES REPORT

**RUN TIMES BY SERVICE DATE:**

<u>DISTRICT (CALLS)</u>	<u>ENROUTE TO SCENE</u>	<u>SCENE TIME</u>	<u>SCENE TO DESTINATION</u>	<u>DISPATCH TO DESTINATION</u>
<b>71 (119)</b>	<b>3.6 min</b>	<b>14.1 min</b>	<b>11.7 min</b>	<b>30.5 min</b>
<b>72 (40)</b>	<b>3.8 min</b>	<b>15.8 min</b>	<b>9.6 min</b>	<b>28.4 min</b>
<b>73 (1)</b>	<b>6.0 min</b>	<b>17.0 min</b>	<b>4.0 min</b>	<b>26.0 min</b>
<b>74 (14)</b>	<b>11.7 min</b>	<b>13.0 min</b>	<b>17.0 min</b>	<b>42.0 min</b>
<b>70 (10)</b>	<b>5.7 min</b>	<b>13.0 min</b>	<b>0.0 min</b>	<b>0.0 min</b>

**LOADED MILES:**

- MEDIC 71: **315.5 MILES**
- MEDIC 72: **15.2 MILES**
- MEDIC 73: **8.7 MILES**
- MEDIC 74: **68.0.0 MILES**
- TOTAL LOADED MILES: **407.4 MILES**

**OVERLAPPING CALLS:**

- 37 CALLS (21.6%)**

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **14**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **1 CALL (9.1%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **0 CALL (0.0%)**
- NO TRANSPORT/ REFUSED CARE: **1 CALL (9.1%)**
- CANCELED: **2 CALLS (18.2%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **6 CALLS (54.5%)**
- OTHER: **1 CALL (9.1%)**

**RUNS BY PRIMARY IMPRESSION:**

- ABDOMINAL PAIN: **1 CALL (9.1%)**
- BACK PAIN (NO TRAUMA): **1 CALLS (9.1%)**
- BREATHING PROBLEMS: **2 CALL (18.2%)**
- DIABETIC PROBLEMS: **1 CALL (9.1%)**
- HEMORRHAGE/LACERATION: **1 CALL (9.1%)**
- OVERDOSE: **1 CALL (9.1%)**
- SICK PERSON: **3 CALLS (27.3%)**
- TRAFFIC/TRANSPORTATION INCIDENT: **1 CALL (9.1%)**

**TRANSPORT DESTINATION:**

- OHIO HEALTH MANSFIELD: **1 TRANSPORTS (100.0%)**
- UH - SAMARITAN MEDICAL CENTER: **0 TRANSPORTS (0.0%)**
- AVITA - ONTARIO: **0 TRANSPORTS (0.0%)**
- LEFT BLANK: **13 (0.0%)**

**DISPATCH MATRIX:**

- SUNDAY: **1 CALLS (7.7%)**
- MONDAY: **2 CALLS (15.4%)**
- TUESDAY: **0 CALLS (0.0%)**
- WEDNESDAY: **6 CALLS (46.2%)**
- THURSDAY: **1 CALLS (7.7%)**
- FRIDAY: **1 CALLS (7.7%)**
- SATURDAY: **2 CALLS (15.4%)**