

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***SEPTEMBER, 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: **255**
- EMS INCIDENTS: **161**
- FIRE INCIDENTS: **94**
- ePCR: **162**

### BY BRANCH(EMS):

- DISTRICT 71: **166 INCIDENTS**
- DISTRICT 72: **68 INCIDENTS**
- DISTRICT 73: **3 INCIDENT**
- DISTRICT 74: **13INCIDENTS**
- OTHER: **6 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **60 INCIDENTS = 37.0%**
- ALS: **100 INCIDENTS= 61.7%**
- ALS2: **2 INCIDENTS- 1.2%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 115 INCIDENTS = 71.0%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 10 INCIDENTS= 6.2%**
- TREATED/NO TRANSPORT:
  - 4 INCIDENTS = 2.5%**
- NO TRANSPORT/REFUSED:
  - 7 INCIDENTS= 4.3%**
- CANCELED:
  - 12 INCIDENTS= 7.4%**
- DEAD PRIOR TO ARRIVAL:
  - 1 INCIDENTS= 0.6%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 12 INCIDENTS= 7.4%**
- OTHER:
  - 1 INCIDENTS= 0.6%**

## EMERGENCY MEDICAL SERVICES REPORT

### RUNS BY PRIMARY IMPRESSION:

<b>DESCRIPTION</b>	<b>#</b>	<b>%</b>
Abdominal Pain	11	6.8
Allergic Reaction	3	1.9
Alt. Level of Conscious	1	0.6
Anxiety	5	3.1
Apnea	1	0.6
Back Pain (no trauma)	4	2.5
CVA/Stroke	2	1.2
Cardiac Arrest	1	0.6
Cardiac Symptoms	2	1.2
Chest Pain	7	4.3
Diabetic Symptoms	4	2.5
Dizziness	4	2.5
Dyspnea-SOB	5	3.1
Eye Eymp. (no trauma)	1	0.6
Flu Symptoms	3	1.9
GI Constipation	1	0.6
Minor/General Injury	6	3.7
Nausea	3	1.9
Newborn	1	0.6
No Medical Problem	5	3.1
Non-Traumatic Arm Pain	2	1.2
Non-Traumatic Leg Pain	3	1.9
OB/Gyn	1	0.6
OD - Suspected Opioid Overdose - Accidental	1	0.6
OD - Suspected Overdose- Narcotics	4	2.5
Obvious Death	1	0.6
Psychiatric Emergency	2	1.2
Seizure	6	3.7
Sepsis	1	0.6
Suicide Attempt	1	0.6
Syncope/Fainting	4	2.5
Trauma Injury	15	9.3
Unknown Medical	7	4.3
Urinary Bleeding	1	0.6
Urination Problem	1	0.6
Vomiting	3	1.9
Vomiting Blood	1	0.6
Weakness	9	5.6
Left Blank	28	17.3

### RUNS BY UNIT:

- MEDIC 71: **111 INCIDENTS**
- MEDIC 72: **4 INCIDENTS**
- MEDIC 73: **6 INCIDENTS**
- MEDIC 74: **41 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

### TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
  - 90 PATIENTS (55.6%)**
- AVITA-ONTARIO
  - 24 PATIENTS (14.8%)**
- UH SAMARITAN
  - 1 PATIENTS (0.6%)**
- OHIO HEALTH ONTARIO
  - 0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY
  - 0 PATIENTS (0.0%)**

### QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **52/169 (30.8%)**
- DR. SPANER: **22 (13.0%)**
- CAPTAIN GREEN: **30 (17.8%)**

### RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **172**
- MUTUAL AID RECEIVED = **2**
- AUTO AID RECEIVED = **2**
- MUTUAL AID GIVEN = **10**
- AUTO AID GIVEN = **25**

### DISPATCH MATRIX (DAYS):

- SUNDAY = **25 CALLS (11.1%)**
- MONDAY = **30 CALLS (13.3%)**
- TUESDAY = **36 CALLS (15.9%)**
- WEDNESDAY = **31 CALLS (13.7%)**
- THURSDAY = **26 CALLS (11.5%)**
- FRIDAY = **48 CALLS (21.2%)**
- SATURDAY = **29 CALLS (12.8%)**

### DISPATCH MATRIX (TIMES):

- 0001-0800: **41 CALLS (18.3%)**
- 0801-1600: **104 CALLS (46.1%)**
- 1601-2400: **81 CALLS (35.8%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	1	0.47%
113 - Cooking fire, confined to container	2	0.95%
131 - Passenger vehicle fire	2	0.95%
150 - Outside rubbish fire	1	0.47%
311 - Medical assist	1	0.47%
321 - EMS call, excluding vehicle accident with injury	147	69.67%
322 - Vehicle accident with injuries	3	1.42%
324 - Motor vehicle accident with no injuries.	4	1.9%
410 - Combustible/flammable gas/liquid condition	1	0.47%
412 - Gas leak	1	0.47%
424 - Carbon monoxide incident	1	0.47%
440 - Electrical wiring/equipment problem	1	0.47%
444 - Power line down	4	1.87%
461 - Building or structure weakened or collapse	1	0.47%
500 - Service Call	1	0.47%
550 - Public service assistance, Other	4	1.9%
554 - Assist invalid	3	1.42%
561 - Unauthorized burning	3	1.42%
611 - Dispatched & canceled en route	23	10.9%
622 - No incident found	1	0.47%
651 - Smoke scare	1	0.47%
700 - False alarm or false call	3	1.42%
711 - Municipal alarm system	1	0.47%
735 - Alarm system sounded due to malfunction	2	0.95%
736 - CO detector activation	1	0.47%
745 - Alarm system sounded, no fire, unintentional	1	0.47%

### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
100 - Assembly, other	1	0.47%
131 - Church	1	0.47%
152 - Museum	1	0.47%
161 - Restaurant	1	0.47%
213 - Elementary school	2	0.95%
255 - Day Care in residence	1	0.47%
311 - 24 hour care nursing home, 4 or more persons	2	0.95%
400 - Residential, other	7	3.32%
419 - 1 or 2 family dwelling	138	65.4%
429 - Multifamily dwellings	5	2.37%
511 - Convenience store	1	0.47%
519 - Food and beverage sales, grocery store	2	0.95%
571 - Service station, gas station	2	0.95%
580 - General retail	1	0.47%
581 - Department store	1	0.47%
655 - Crops or orchard	1	0.47%
700 - Manufacturing	1	0.47%
888 - Fire station	1	0.47%
931 - Open land or field	2	0.95%
935 - Campsite	1	0.47%
960 - Street	6	2.84%
961 - Highway or divided highway	2	0.95%
962 - Residential street, road or residential driveway	5	2.37%
963 - Street or road in commercial area	2	0.95%
965 - Vehicle parking area	3	1.42%
N/A - Not Specified	20	9.48%
UUU - Undetermined	2	0.95%

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 (155)</b>	<b>4.1 min</b>	<b>15.5 min</b>	<b>12.1 min</b>	<b>31.0 min</b>
<b>72 (63)</b>	<b>3.2 min</b>	<b>16.1 min</b>	<b>9.6 min</b>	<b>28.8 min</b>
<b>73 (2)</b>	<b>7.0 min</b>	<b>26.0 min</b>	<b>7.0 min</b>	<b>41.0 min</b>
<b>74 (13)</b>	<b>11.3 min</b>	<b>16.0 min</b>	<b>18.7 min</b>	<b>47.7 min</b>
<b>70 (7)</b>	<b>5.0 min</b>	<b>0.0 min</b>	<b>0.0 min</b>	<b>0.0 min</b>

**LOADED MILES:**

- MEDIC 71: **427.3 MILES**
- MEDIC 72: **21.4 MILES**
- MEDIC 73: **18.4MILES**
- MEDIC 74: **127.0 MILES**
- TOTAL LOADED MILES: **594.1 MILES**

**OVERLAPPING CALLS:**

- 38 CALLS (18.0%)**

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **13**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **6 CALL (46.2%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **0 CALL (0.0%)**
- NO TRANSPORT/ REFUSED CARE: **N/A**
- CANCELED: **5 CALLS (38.5%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **1 CALLS (7.7%)**
- OTHER: **1 CALL (7.7%)**

**RUNS BY PRIMARY IMPRESSION:**

- ABDOMINAL PAIN: **1 CALL (7.7%)**
- CHEST PAIN:: **1 CALLS (7.7%)**
- FLU SYMPTOMS: **1 CALL (7.7%)**
- MINOR / GENERAL INJURY: **1 CALL (7.7%)**
- TRAUMA INJURY: **2 CALL (15.4%)**
- LEFT BLANK: **7 CALLS (53.8%)**

**TRANSPORT DESTINATION:**

- OHIO HEALTH MANSFIELD: **4 TRANSPORTS (30.8%)**
- UH - SAMARITAN MEDICAL CENTER: **0 TRANSPORTS (0.0%)**
- AVITA - ONTARIO: **2 TRANSPORTS (15.4%)**
- LEFT BLANK: **7 (53.8%)**

**DISPATCH MATRIX:**

- SUNDAY: **1 CALLS (7.7%)**
- MONDAY: **1 CALLS (7.7%)**
- TUESDAY: **4 CALLS (30.8%)**
- WEDNESDAY: **4 CALLS (30.8%)**
- THURSDAY: **2 CALLS (15.4%)**
- FRIDAY: **0 CALLS (0.0%)**
- SATURDAY: **1 CALLS (7.7%)**