

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***NOVEMBER, 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: **233**
- EMS INCIDENTS: **140**
- FIRE INCIDENTS: **93**
- ePCR: **143**

### BY BRANCH(EMS):

- DISTRICT 71: **156 INCIDENTS**
- DISTRICT 72: **63 INCIDENTS**
- DISTRICT 73: **1 INCIDENT**
- DISTRICT 74: **8 INCIDENTS**
- OTHER: **8 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **67 INCIDENTS = 46.69%**
- ALS: **76 INCIDENTS= 53.1%**
- ALS2: **0 INCIDENTS- 0.0%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 100 INCIDENTS = 69.9%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 7 INCIDENTS= 4.9%**
- TREATED/NO TRANSPORT:
  - 5 INCIDENTS = 3.5%**
- NO TRANSPORT/REFUSED:
  - 6 INCIDENTS= 4.2 %**
- CANCELED:
  - 8 INCIDENTS= 5.6%**
- DEAD PRIOR TO ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 17 INCIDENTS= 11.9%**
- OTHER:
  - 0 INCIDENTS= 0.0%**

## EMERGENCY MEDICAL SERVICES REPORT

### RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	5	3.5
Alcohol Abuse with Intox	1	0.7
Alt. Level of Conscious	3	2.1
Anxiety	3	2.1
Back Pain (no trauma)	4	2.8
COVID-19	1	0.7
CVA/Stroke	4	2.8
Cardiac Symptoms	2	1.4
Chest Pain	6	4.2
Diabetic Symptoms	2	1.4
Dizziness	3	2.1
Dyspnea-SOB	7	4.9
Flu Symptoms	4	2.8
GI - Constipation	1	0.7
Headache (no trauma)	2	1.4
Hemorrhage	1	0.7
Minor/General Injury	6	4.2
Nausea	1	0.7
No Medical Problem	5	3.5
Non-Traumatic Leg Pain	4	2.8
Nose Bleed	1	0.7
OD - Suspected Opioid Overdose - Accidental	1	0.7
OD - Suspected Overdose - Other Narcotics	3	2.1
Pneumonia Symptoms	2	1.4
Psychiatric Emergency	1	0.7
Seizure	2	1.4
Sore Throat	1	0.7
Syncope/Fainting	1	0.7
Trauma Injury	12	8.4
Unconscious	1	0.7
Unknown Medical	7	4.9
Urinary Bleeding	1	0.7
Vomiting	2	1.4
Weakness	10	7.0
Left Blank	30	21.0

### RUNS BY UNIT:

- MEDIC 71: **96 INCIDENTS**
- MEDIC 72: **9 INCIDENTS**
- MEDIC 73: **10 INCIDENTS**
- MEDIC 74: **28 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

### TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD  
 **82 PATIENTS (57.3%)**
- AVITA-ONTARIO  
 **14 PATIENTS (9.8%)**
- UH SAMARITAN  
 **3 PATIENTS (2.1%)**
- OHIO HEALTH ONTARIO  
 **1 PATIENT (0.7%)**
- OHIO HEALTH SHELBY  
 **0 PATIENTS (0.0%)**

### QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **50/148 (33.8%)**
- DR. SPANER: **20 (13.5%)**
- CAPTAIN GREEN: **30 (20.3%)**

### RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **175**
- MUTUAL AID RECEIVED = **0**
- AUTO AID RECEIVED = **1**
- MUTUAL AID GIVEN = **16**
- AUTO AID GIVEN = **9**

### DISPATCH MATRIX (DAYS):

- SUNDAY = **25 CALLS (11.5%)**
- MONDAY = **24 CALLS (11.1%)**
- TUESDAY = **22 CALLS (10.1%)**
- WEDNESDAY = **44 CALLS (20.3%)**
- THURSDAY = **43 CALLS (19.8%)**
- FRIDAY = **26 CALLS (12.0%)**
- SATURDAY = **30 CALLS (13.8%)**

### DISPATCH MATRIX (TIMES):

- 0001-0800: **36 CALLS (16.5%)**
- 0801-1600: **99 CALLS (45.5%)**
- 1601-2400: **82 CALLS (37.8%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	2	1.00%
118 - Trash or rubbish fire, contained	1	0.5%
141 - Forest, woods or wildland fire	1	0.5%
150 - Outside rubbish fire	2	1.0%
321 - EMS call, excluding vehicle accident with injury	132	65.67%
322 - Vehicle accident with injuries	6	2.99%
323 - Motor vehicle accident (MV/Ped)	1	0.5%
324 - Motor vehicle accident with no injuries.	3	1.49%
400 - Hazardous condition	1	0.5%
410 - Combustible/flammable gas/liquid condition	1	0.5%
424 - Carbon monoxide incident	1	0.5%
441 - Heat from short circuit	1	0.5%
444 - Power line down	1	0.5%
445 - Arcing, shorted electrical equipment	1	0.5%
480 - Attempted burning, illegal action	1	0.5%
511 - Lock-out	1	0.5%
550 - Public service assistance, Other	5	2.49%
551 - Assist Police	3	1.49%
553 - Public Service	2	1.00%
554 - Assist invalid	3	1.49%
561 - Unauthorized burning	1	0.5%
600 - Good intent call	1	0.5%
611 - Dispatched & canceled en route	19	9.45%
622 - No incident found on arrival at dispatch address	2	1.00%
700 - False Alarm	2	1.00%
711 - Municipal alarm system	2	1.00%
735 - Alarm system sounded due to malfunction	2	1.00%

746 - Carbon monoxide detector activation, no CO	2	1.00%
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### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
000 - Property use, other	1	0.50%
100 - Assembly, other	1	0.50%
131 - Church	1	0.50%
161 - Restaurant	4	1.99%
200 - Educational	1	0.50%
311 - 24 hour care nursing home, 4 or more persons	1	0.50%
331 - Hospital- medical or psychiatric	1	0.50%
340 - Clinics, Dr office	1	0.50%
341 - Clinic	1	0.50%
400 - Residential, other	8	3.98%
419 - 1 or 2 family dwelling	121	60.2%
429 - Multifamily dwellings	3	1.49%
500 - Mercantile, business	2	1.00%
519 - Food and beverage sales, grocery store	2	1.00%
557 - Barber and Beauty	1	0.50%
571 - Service station, gas station	1	0.50%
580 - General retail	1	0.50%
669 - Forest, timberland, woodland	1	0.50%
808 - Outbuilding or shed	1	0.50%
888 - Fire station	1	0.50%
900 - Outside or special property	2	1.00%
960 - Street	5	2.49%
961 - Highway or divided highway	4	1.99%
962 - Residential street, road or residential driveway	8	3.98%
963 - Street or road in commercial area	4	1.99%
965 - Vehicle parking area	2	1.00%
984 - Industrial plant yard	1	0.50%
N/A - Not Specified	21	10.45%

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 (166)</b>	<b>3.8 min</b>	<b>14.8 min</b>	<b>12.4 min</b>	<b>32.8 min</b>
<b>72 (64)</b>	<b>2.9 min</b>	<b>18.4 min</b>	<b>9.0 min</b>	<b>30.9 min</b>
<b>73 (1)</b>	<b>0 min</b>	<b>0.0 min</b>	<b>0.0 min</b>	<b>0.0 min</b>
<b>74 (7)</b>	<b>13.3 min</b>	<b>12.0 min</b>	<b>15.0 min</b>	<b>38.0 min</b>
<b>70 (8)</b>	<b>6.0 min</b>	<b>11.0 min</b>	<b>11.3 min</b>	<b>25.7 min</b>

**LOADED MILES:**

- MEDIC 71: **319.6 MILES**
- MEDIC 72: **20.3 MILES**
- MEDIC 73: **29.3 MILES**
- MEDIC 74: **100.5 MILES**
- TOTAL LOADED MILES: **469.7 MILES**

**OVERLAPPING CALLS:**

- 54 CALLS (26.9%)**

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **14**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **2 CALL (50.0%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **0 CALL (0.0%)**
- NO TRANSPORT/ REFUSED CARE: **0 CALL (0.0%)**
- CANCELED: **0 CALLS (0.0%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **2 CALLS (50.0%)**
- OTHER: **0 CALL (0.0%)**

**RUNS BY PRIMARY IMPRESSION:**

- UNCONSCIOUS:: **1 CALL (25.0%)**
- VOMITING: **1 CALL (25.0%)**

**TRANSPORT DESTINATION:**

- OHIO HEALTH MANSFIELD: **2 TRANSPORTS (50.0%)**
- LEFT BLANK: **2 (50.0%)**

**DISPATCH MATRIX:**

- SUNDAY: **1 CALLS (14.3%)**
- MONDAY: **1 CALLS (14.3%)**
- TUESDAY: **1 CALLS (14.3%)**
- WEDNESDAY: **0 CALLS (0.0%)**
- THURSDAY: **1 CALLS (14.3%)**
- FRIDAY: **1 CALLS (7.7%)**
- SATURDAY: **2 CALL (28.6%)**