

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***March, 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: **196**
- EMS INCIDENTS: **145**
- FIRE INCIDENTS: **51**
- ePCR: **145**

### BY BRANCH(EMS):

- DISTRICT 71: **105 INCIDENTS**
- DISTRICT 72: **26 INCIDENTS**
- DISTRICT 73: **1 INCIDENT**
- DISTRICT 74: **10 INCIDENTS**
- OTHER: **3 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **63 INCIDENTS = 43.4%**
- ALS: **81 INCIDENTS= 55.9%**
- ALS2: **1 INCIDENTS- 0.7%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 99 INCIDENTS = 68.3%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 6 INCIDENTS= 4.1%**
- TREATED/NO TRANSPORT:
  - 3 INCIDENTS = 2.1%**
- NO TRANSPORT/REFUSED:
  - 5 INCIDENTS= 3.4%**
- CANCELED:
  - 13 INCIDENTS= 9.0%**
- DEAD PRIOR TO ARRIVAL:
  - 5 INCIDENTS= 3.4%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 14 INCIDENTS= 9.7%**

## EMERGENCY MEDICAL SERVICES REPORT

### RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	8	5.5
Alcohol Abuse with intox.	1	0.7
Alt. Level of Conscious	4	2.8
Anxiety	2	1.4
Asthma Symptoms	1	0.7
Back Pain (no trauma)	5	3.4
Behavioral Disorder	2	1.4
Cva/Stroke	3	2.1
Cardiac Symptoms	3	2.1
Chest Pain	5	3.4
Diabetic Symptoms	3	2.1
Dizziness	2	1.4
Dyspnea-SOB	10	6.9
Eye Symp. (no trauma)	1	0.7
Flu Symptoms	3	2.1
GI-Diarrhea	1	0.7
Headache (no trauma)	1	0.7
Hypertension	1	0.7
Hypotension	2	1.4
Minor / General Injury	2	1.4
No Medical Problem	1	0.7
Non-Traumatic Leg Pain	7	4.8
Nose Bleed	1	0.7
OD - Suspected Opioid		
Overdose - Accidental	3	2.1
Obvious Death	5	3.4
Positioning Required	1	0.7
Psychiatric Emergency	1	0.7
Seizure	3	2.1
Sore Throat	1	0.7
Syncope/Fainting	4	2.8
Trauma Injury	10	6.9
Unconscious	1	0.7
Unknown Medical	6	4.1
Vomiting	1	0.7
Vomiting Blood	1	0.7
Weakness	9	6.2
Left Blank	30	20.7

### RUNS BY UNIT:

- MEDIC 71: **75 INCIDENTS**
- MEDIC 72: **04 INCIDENTS**
- MEDIC 73: **38 INCIDENTS**
- MEDIC 74: **28 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

### TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
  - 75 PATIENTS (51.7%)**
- AVITA-ONTARIO
  - 23 PATIENTS (15.9%)**
- UH ASHLAND
  - 0 PATIENTS (0.0%)**
- OHIO HEALTH ONTARIO
  - 0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY
  - 1 PATIENTS (0.7%)**

### QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **38/148 (25.7%)**
- DR. SPANER: **18 (12.2%)**
- CAPTAIN GREEN: **20 (13.5%)**

### RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **162**
- MUTUAL AID RECEIVED = **3**
- AUTO AID RECEIVED = **3**
- MUTUAL AID GIVEN = **18**
- AUTO AID GIVEN = **10**

### DISPATCH MATRIX (DAYS):

- SUNDAY = **18 CALLS (8.6%)**
- MONDAY = **16 CALLS (7.7%)**
- TUESDAY = **24 CALLS (11.5%)**
- WEDNESDAY = **40 CALLS (19.1%)**
- THURSDAY = **27 CALLS (12.9%)**
- FRIDAY = **49 CALLS (23.4%)**
- SATURDAY = **34 CALLS (16.3%)**

### DISPATCH MATRIX (TIMES):

- 0001-0800: **41 CALLS (19.5%)**
- 0801-1600: **90 CALLS (43.1%)**
- 1601-2400: **78 CALLS (37.4%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
100 - Fire, other	1	0.51%
111 - Building fire	2	1.02%
113 - Cooking fire, confined to container	1	0.51%
131 - Passenger vehicle fire	1	0.51%
150 - Outside rubbish fire	1	0.51%
200 - Overpressure rupture, explosion, overhear, other	1	0.51%
311 - Medical assist, assist EMS crew	2	1.02%
321 - EMS call, excluding vehicle accident with injury	133	67.86%
322 - Vehicle accident with injuries	3	1.53%
323 - Motor vehicle accident	3	1.53%
324 - Motor vehicle accident with no injuries.	2	1.53%
424 - Carbon monoxide incident	1	0.51%
440 - Electrical wiring/equipment problem, other	2	1.02%
444 - Power line down	8	4.08%
511 - Lock out	1	0.51%
520 - Water problem	1	0.51%
550 - Public service assistance, Other	1	0.51%
553 - Public service	1	0.51%
554 - Assist invalid	8	4.08%
611 - Dispatched & canceled en route	15	7.65%
622 - No incident found	2	1.04%
650 - Steam, other gas mistaken for smoke, other	1	0.51%
700 - False alarm or false call	4	2.04%
713 - Telephone, malicious false alarm	1	0.52%
740 - Unintentional transmission of alarm, other	1	0.51%

### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
161 - Restaurant	1	0.51%
210 - School, non-adult	1	0.51%
215 - High school/middle school	3	1.53%
341 - Clinic	2	1.02%
342 - Doctor, dentist, or oral surgeons office	1	0.51%
400 - Residential, other	5	2.55%
419 - 1 or 2 family dwelling	127	64.8%
429 - Multifamily dwellings	5	2.55%
439 - Boarding/rooming house, residential hotel	1	0.51%
449 - Hotel/Motel	1	0.51%
460 - Dormitory type	2	1.02%
500 - Mercantile business	1	0.51%
519 - Food and beverage sales, grocery store	2	1.02%
579 - Motor vehicle or boat sales, service, repair.	1	0.51%
880 - Vehicle storage	1	0.51%
888 - Fire Station	1	0.51%
960 - Street, other	2	1.02%
961 - Highway or divided highway	3	0.51%
962 - Residential street, road or residential driveway	12	6.12%
963 - Street or road in commercial area	1	0.51%
984 - Industrial plant yard	1	0.51%
N/A - Not Specified	21	10.71%
UUU - Undetermined	1	0.51%

## 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 (105)</b>	<b>3.7 min</b>	<b>15.3 min</b>	<b>11.9 min</b>	<b>30.7 min</b>
<b>72 (27)</b>	<b>3.1 min</b>	<b>16.4 min</b>	<b>10.6 min</b>	<b>30.2 min</b>
<b>73 (1)</b>	<b>9.0 min</b>	<b>13.0 min</b>	<b>12.0 min</b>	<b>33.0 min</b>
<b>74 (10)</b>	<b>13.2 min</b>	<b>15.8 min</b>	<b>19.8 min</b>	<b>49.5 min</b>
<b>70 (3)</b>	<b>8.0 min</b>	<b>20.0 min</b>	<b>13.0 min</b>	<b>41.0 min</b>

### LOADED MILES:

- MEDIC 71: **213.8 MILES**
- MEDIC 72: **76.7 MILES**
- MEDIC 73: **171.8 MILES**
- MEDIC 74: **115.2 MILES**
- TOTAL LOADED MILES: **577.5 MILES**

### MONROE TOWNSHIP EMS CONTRACT REPORT:

TOTAL NUMBER OF INCIDENTS: **10**

### RUN DISPOSITION:

- TREATED/TRANSPORTED: **6 CALLS (60.0%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **N/A**
- NO TRANSPORT/ REFUSED CARE: **N/A**
- CANCELED: **2 CALLS (20.0%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **2 CALLS (20.0%)**

### RUNS BY PRIMARY IMPRESSION:

- ABDOMINAL PAIN: **1 CALL (10.0%)**
- ALT. LEVEL CONSCIOUS: **1 CALL (10.0%)**
- CARDIAC SYMPTOMS:: **1 CALLS (10.0%)**
- DYSPNEA: **1 CALL (10.0%)**
- NON-TRAUMATIC LEG PAIN:: **1 CALL (10.0%)**
- TRAUMA INJURY: **1 CALLS (10.0%)**
- LEFT BLANK: **4 CALLS (40.0%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TRANSPORT DESTINATION:

- OHIO HEALTH MANSFIELD: **5 TRANSPORTS (90.0%)**
- UH SAMARITAN:: **1 TRANSPORTS (10.0%)**

### DISPATCH MATRIX:

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