

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***JULY, 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: **175**
- FIRE INCIDENTS: **58**
- ePCR: **172**

### BY BRANCH(EMS):

- DISTRICT 71: **119 INCIDENTS**
- DISTRICT 72: **38 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **16 INCIDENTS**
- OTHER: **8 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **72 INCIDENTS = 41.4%**
- ALS: **100 INCIDENTS= 57.1%**
- ALS2: **3 INCIDENTS- 1.7%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 119 INCIDENTS = 68.0%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 9 INCIDENTS= 5.1%**
- TREATED/NO TRANSPORT:
  - 10 INCIDENTS = 5.7%**
- NO TRANSPORT/REFUSED:
  - 8 INCIDENTS= 5.2%**
- CANCELED:
  - 16 INCIDENTS= 9.1%**
- DEAD PRIOR TO ARRIVAL:
  - 2 INCIDENTS= 1.1%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 8 INCIDENTS= 4.6%**
- OTHER:
  - 2 INCIDENTS= 1.1%**

# EMERGENCY MEDICAL SERVICES REPORT

## RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	5	2.9
Alcohol Abuse with intox.	1	0.6
Allergic Reaction	1	0.6
Alt. Level of Conscious	3	1.7
Anxiety	9	5.1
Back Pain (no trauma)	10	5.7
CVA/Stroke	1	0.6
Cardiac Symptoms	3	1.7
Chest Pain	2	1.1
Diabetic Symptoms	3	1.7
Dizziness	3	1.7
Dyspnea-SOB	8	4.6
Elevated Temp/Fever	2	1.1
Eye Symp.(no trauma)	1	0.6
Flu Symptoms	1	0.6
GI-Bleed	2	1.1
GI-Diarrhea	1	0.6
Headache(no trauma)	2	1.1
Hypertension	2	1.1
Hypotension	2	1.1
Minor/General Injury	5	2.9
Nausea	3	1.7
No Medical Problem	4	2.3
Non-Traumatic Arm Pain	1	0.6
Non-Traumatic Leg Pain	1	0.6
Nose Bleed	2	1.1
OB/Gyn (comp)	1	0.6
OD - Suspected Opiod Overdose - Accidental	4	2.3
OD - Suspected Overdose - Intentional	1	0.6
OD - Suspected Overdose- Narcotics	2	1.1
Positioning Required	1	0.6
Obvious Death	2	1.1
Post-Op Complications	2	1.1
Psychiatric Emergency	2	1.1
Suicide Attempt	1	0.6
Seizure	10	5.7
Sore Throat	1	0.6
Syncope/Fainting	1	0.6

Trauma Injury	15	8.6
Unknown Medical	11	6.3
Urination Problem	1	0.6
Weakness	11	6.3
Left Blank	31	17.7

## RUNS BY UNIT:

- MEDIC 71: **119 INCIDENTS**
- MEDIC 72: **11 INCIDENTS**
- MEDIC 73: **1 INCIDENTS**
- MEDIC 74: **43 INCIDENTS**
- UTILITY 71: **1 INCIDENTS**

## TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
  - 103 PATIENTS (58.9%)**
- AVITA-ONTARIO
  - 14 PATIENTS (8.0%)**
- UH SAMARITAN
  - 2 PATIENTS (1.1%)**
- OHIO HEALTH ONTARIO
  - 1 PATIENT (0.6%)**
- OHIO HEALTH SHELBY
  - 0 PATIENTS (0.0%)**

## QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **54/183(29.5%)**
- DR. SPANER: **23 (12.6%)**
- CAPTAIN GREEN: **31 (16.9%)**

## RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **181**
- MUTUAL AID RECEIVED = **4**
- AUTO AID RECEIVED = **1**
- MUTUAL AID GIVEN = **21**
- AUTO AID GIVEN = **17**

## DISPATCH MATRIX (DAYS):

- SUNDAY = **28 CALLS (12.0%)**
- MONDAY = **48 CALLS (20.6%)**
- TUESDAY = **30 CALLS (12.9%)**
- WEDNESDAY = **26 CALLS (11.2%)**
- THURSDAY = **33 CALLS (14.2%)**
- FRIDAY = **25 CALLS (10.7%)**
- SATURDAY = **40 CALLS (17.2%)**

## EMERGENCY MEDICAL SERVICES REPORT

### DISPATCH MATRIX (TIMES):

- 0001-0800: **54 CALLS (23%)**
- 0801-1600: **86 CALLS (37%)**
- 1601-2400: **93 CALLS (40%)**

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	4	1.79%
150 - Outside rubbish fire	1	0.45%
151 - Outside rubbish, trash, or waste fire	2	0.89%
154 - Dumpster fire	1	0.45%
212 - Overpressure rupture of steam boiler	1	0.45%
311 - Medical assist	1	0.45%
321 - EMS call, excluding vehicle accident with injury	157	40.09%
322 - Vehicle accident with injuries	6	2.68%
324 - Motor vehicle accident with no injuries.	2	0.89%
350 - Extrication, rescue	1	0.45%
411 - Gasoline or other flammable liquid spill	1	0.45%
412 - Gas Leak (natural or LPG)	1	0.45%
424 - Carbon monoxide incident	3	1.34%
511 - Lock-out	1	0.45%
550 - Public service assistance, Other	3	1.34%
554 - Assist invalid	1	0.45%
561 - Unauthorized burning	1	0.45%
611 - Dispatched & canceled en route	29	12.95%
700 - False alarm or false call	5	2.23%
735 - Alarm system sounded due to malfunction	1	0.45%
743 - Smoke detector activation, no fire unintentional	1	0.45%
746 - Carbon monoxide detector activation, no CO	1	0.45%

### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
000 - Property use, other	1	0.45%
131 - Church	2	0.89%
161 - Restaurant	1	0.45%
162 - Bar or nightclub	1	0.45%
311 - 24 hour care nursing home, 4 or more persons	3	1.34%
321 - Mental retardation/development disability facility	1	0.45%
361 - Jail	1	0.45%
400 - Residential, other	5	2.23%
419 - 1 or 2 family dwelling	149	66.52%
429 - Multifamily dwellings	4	1.79%
449 - Hotel/Motel	5	2.23%
519 - Food and beverage sales, grocery store	2	0.89%
559 - Pet Store	1	0.45%
569 - Professional supplies services	1	0.45%
571 - Service station, gas station	1	0.45%
644 - Gas distribution, pipeline, gas distribution	1	0.45%
669 - Forest	2	0.89%
882 - Parking garage	1	0.45%
888 - Fire station	1	0.45%
935 - Campsite	1	0.45%
938 - Graded and cared for plots of land	b	
960 - Street, other	5	2.42%
961 - Highway or divided highway	2	0.97%
962 - Residential street, road or residential driveway	8	3.57%
963 - Street or road in commercial area	2	0.89%
965 - Vehicle parking area	3	1.34%
N/A - Not Specified	22	9.82%
UUU - Undetermined	2	0.89%

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 (113)</b>	<b>3.8 min</b>	<b>17.2 min</b>	<b>11.3 min</b>	<b>31.9 min</b>
<b>72 (38)</b>	<b>3.5 min</b>	<b>14.3 min</b>	<b>9.2 min</b>	<b>26.7 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 (16)</b>	<b>12.8 min</b>	<b>16.8 min</b>	<b>18.9 min</b>	<b>48.7 min</b>
<b>70 (8)</b>	<b>6.4 min</b>	<b>12.0 min</b>	<b>8.0 min</b>	<b>25.2 min</b>

**LOADED MILES:**

- MEDIC 71: **390.9 MILES**
- MEDIC 72: **35.6 MILES**
- MEDIC 73: **3.6 MILES**
- MEDIC 74: **130.3 MILES**
- TOTAL LOADED MILES: **560.4 MILES**

**OVERLAPPING CALLS:**

- 71 CALLS (31.7%)**

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **16**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **9 CALL (56.3%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **N/A**
- NO TRANSPORT/ REFUSED CARE: **N/A**
- CANCELED: **6 CALLS (37.5%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **1 CALLS (6.3%)**
- OTHER: **N/A**

**RUNS BY PRIMARY IMPRESSION:**

- ABDOMINAL PAIN: **1 CALL (6.3%)**
- ALT. LEVEL OF CONSCIOUS: **1 CALL (6.3%)**
- BACK PAIN (NO TRAUMA): **1 CALL (6.3%)**
- CHEST PAIN: **1 CALL (6.3%)**
- DYSPNEA: **1 CALL (6.3%)**
- GI BLEED: **1 CALL (6.3%)**
- NAUSEA: **1 CALL (6.3%)**
- NON-TRAUMATIC ARM PAIN: **1 CALL (6.3%)**
- TRAUMA INJURY: **1 CALL (6.3%)**
- LEFT BLANK: **7 CALLS (43.8%)**

**TRANSPORT DESTINATION:**

- OHIO HEALTH MANSFIELD: **8 TRANSPORTS (50.0%)**
- UH - SAMARITAN MEDICAL CENTER: **1 TRANSPORTS (6.3%)**
- AVITA-ONTARIO: **0 TRANSPORT (0.0%)**

**DISPATCH MATRIX:**

- SUNDAY: **1 CALLS (5.9%)**
- MONDAY: **4 CALLS (23.5%)**
- TUESDAY: **2 CALLS (11.8%)**
- WEDNESDAY: **0 CALLS (0.0%)**
- THURSDAY: **4 CALLS (23.5%)**
- FRIDAY: **2 CALLS (11.8%)**
- SATURDAY: **4 CALLS (23.5%)**