

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***JUNE, 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: **207**
- EMS INCIDENTS: **149**
- FIRE INCIDENTS: **58**
- ePCR: **153**

### BY BRANCH(EMS):

- DISTRICT 71: **111 INCIDENTS**
- DISTRICT 72: **24 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **13 INCIDENTS**
- OTHER: **5 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **57 INCIDENTS = 37.3%**
- ALS: **91 INCIDENTS= 59.5%**
- ALS2: **5 INCIDENTS- 3.3%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 111 INCIDENTS = 72.5%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 7 INCIDENTS= 4.6%**
- TREATED/NO TRANSPORT:
  - 5 INCIDENTS = 3.3%**
- NO TRANSPORT/REFUSED:
  - 3 INCIDENTS= 2.0%**
- CANCELED:
  - 9 INCIDENTS= 5.9%**
- DEAD PRIOR TO ARRIVAL:
  - 1 INCIDENTS= 0.7%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 17 INCIDENTS= 11.1%**
- OTHER:
  - 0 INCIDENTS= 0.0%**

# EMERGENCY MEDICAL SERVICES REPORT

## RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	6	3.9
Allergic Reaction	1	0.7
Alt. Level of Conscious	3	2.0
Anxiety	3	2.0
Back Pain (no trauma)	3	2.0
COVID-19 (suspected)	1	0.7
CVA/Stroke	1	0.7
Cardiac Arrest	1	0.7
Cardiac Symptoms	3	2.0
Chest Pain	6	3.9
Diabetic Symptoms	1	0.7
Dizziness	1	0.7
Dyspnea-SOB	6	3.9
Flu Symptoms	1	0.7
GI-Bleed	1	0.7
Hypotension	2	1.3
Minor/General Injury	14	9.2
Nausea	3	2.0
No Medical Problem	3	2.0
Non-Traumatic Arm Pain	1	0.7
Non-Traumatic Leg Pain	2	1.3
OB/Gyn	1	0.7
OD - Suspected Opiod Overdose - Accidental	1	0.7
OD - Suspected Overdose- Narcotics	1	0.7
Obvious Death	2	1.3
Pneumonic Symptoms	1	0.7
Post-Op Complication	1	0.7
Psychiatric Emergency	1	0.7
Seizure	5	3.3
Syncope/Fainting	2	1.3
Trauma Injury	15	9.8
Unknown Medical	12	7.8
Urination Problem	3	2.0
Vomiting	3	2.0
Vomiting Blood	1	0.7
Weakness	12	7.8
Left Blank	29	19.0

## RUNS BY UNIT:

- MEDIC 71: **111 INCIDENTS**
- MEDIC 72: **12 INCIDENTS**
- MEDIC 73: **5 INCIDENTS**
- MEDIC 74: **25 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

## TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
  - 89 PATIENTS (58.2%)**
- AVITA-ONTARIO
  - 20 PATIENTS (13.1%)**
- UH SAMARITAN
  - 2 PATIENTS (1.3%)**
- OHIO HEALTH ONTARIO
  - 0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY
  - 0 PATIENTS (0.0%)**

## QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **56/163(34.4%)**
- DR. SPANER: **20 (12.3%)**
- CAPTAIN GREEN: **36 (21.1%)**

## RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **167**
- MUTUAL AID RECEIVED = **6**
- AUTO AID RECEIVED = **0**
- MUTUAL AID GIVEN = **15**
- AUTO AID GIVEN = **19**

## DISPATCH MATRIX (DAYS):

- SUNDAY = **25 CALLS (11.2%)**
- MONDAY = **36 CALLS (16.1%)**
- TUESDAY = **22 CALLS (9.9%)**
- WEDNESDAY = **29 CALLS (13.0%)**
- THURSDAY = **28 CALLS (12.6%)**
- FRIDAY = **50 CALLS (22.4%)**
- SATURDAY = **31 CALLS (13.9%)**

## DISPATCH MATRIX (TIMES):

- 0001-0800: **33 CALLS (14.7%)**
- 0801-1600: **111 CALLS (49.7%)**
- 1601-2400: **79 CALLS (35.4%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	1	0.48%
118 - Trash or rubbish fire, contained	2	0.97%
131 - Passenger vehicle fire	1	0.48%
132 - Road freight vehicle fire	1	0.48%
150 - Outside rubbish fire	1	0.48%
311 - Medical assist	6	2.9%
321 - EMS call, excluding vehicle accident with injury	145	70.05%
322 - Vehicle accident with injuries	8	3.86%
324 - Motor vehicle accident with no injuries.	3	1.45%
412 - Gas Leak (natural or LPG)	3	1.45%
413 - Oil or other combustible liquid spill	1	0.48%
444 - Power line down	2	0.97%
511 - Lock-out	1	0.48%
550 - Public service assistance, Other	4	1.93%
554 - Assist invalid	3	1.45%
561 - Unauthorized burning	1	0.48%
611 - Dispatched & canceled en route	17	8.21%
652 - Steam, vapor, fog or dust thought to be smoke	1	0.48%
700 - False alarm or false call	1	0.48%
735 - Alarm system sounded due to malfunction	3	1.45%
743 - Smoke detector activation, no fire unintentional	1	0.48%

N/A - Non Specified 1 0.48%

### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
131 - Church	3	1.45%
215 - High school/middle school	2	0.97%
300 - Health Care	1	0.48%
311 - 23 hour care nursing home, 4 or more persons	1	0.48%
341 - Clinic	1	0.48%
342 - Doctor, dentist, or oral surgeons office	1	0.48%
400 - Residential, other	6	2.9%
419 - 1 or 2 family dwelling	144	69.57%
429 - Multifamily dwellings	3	1.45%
500 - Mercantile	2	0.97%
571 - Service station, gas station	1	0.48%
669 - Forest	1	0.48%
960 - Street, other	5	2.42%
961 - Highway or divided highway	2	0.97%
962 - Residential street, road or residential driveway	5	2.42%
963 - Street or road in commercial area	1	0.48%
965 - Vehicle parking area	2	0.97%
N/A - Not Specified	16	7.73%
UUU - Undetermined	6	2.9%

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 (111)</b>	<b>3.6 min</b>	<b>16.6 min</b>	<b>11.9 min</b>	<b>32.0 min</b>
<b>72 (24)</b>	<b>3.5 min</b>	<b>17.8 min</b>	<b>9.4 min</b>	<b>30.1 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 (13)</b>	<b>13.0 min</b>	<b>16.6 min</b>	<b>19.4 min</b>	<b>48.8 min</b>
<b>70 (5)</b>	<b>8.5min</b>	<b>8.0 min</b>	<b>13.3 min</b>	<b>31.7 min</b>

**LOADED MILES:**

- MEDIC 71: **416.7 MILES**
- MEDIC 72: **60.8 MILES**
- MEDIC 73: **13.8 MILES**
- MEDIC 74: **61.3 MILES**
- TOTAL LOADED MILES: **552.6 MILES**

**OVERLAPPING CALLS:**

- 42 CALLS (20.4%)**

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **13**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **8 CALL (61.5%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **N/A**
- NO TRANSPORT/ REFUSED CARE: **N/A**
- CANCELED: **4 CALLS (30.8%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **1 CALLS (7.7%)**
- OTHER: **N/A**

**RUNS BY PRIMARY IMPRESSION:**

- COVID-19 (suspected): **1 CALL (7.7%)**
- MINOR/GENERAL INJURY: **1 CALL (7.7%)**
- NAUSEA: **1 CALL (7.7%)**
- OBVIOUS DEATH: **1 CALL (7.7%)**
- UNKNOWN MEDICAL: **1 CALL (7.7%)**
- URINATION PROBLEM: **1 CALL (7.7%)**
- VOMITING: **1 CALL (7.7%)**
- VOMITING BLOOD: **1 CALL (7.7%)**
- LEFT BLANK: **5 CALLS (38.5%)**

**TRANSPORT DESTINATION:**

- OHIO HEALTH MANSFIELD: **5 TRANSPORTS (38.5%)**
- UH - SAMARITAN MEDICAL CENTER: **2 TRANSPORTS (15.4%)**
- AVITA-ONTARIO: **1 TRANSPORT (7.7%)**

**DISPATCH MATRIX:**

- SUNDAY: **2 CALLS (9.5%)**
- MONDAY: **1 CALLS (4.8%)**
- TUESDAY: **2 CALLS (9.5%)**
- WEDNESDAY: **5 CALLS (23.8%)**
- THURSDAY: **6 CALLS (28.6%)**
- FRIDAY: **3 CALLS (14.3%)**
- SATURDAY: **1 CALLS (4.8%)**