

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***February, 2023***

*Primum Non Nocere*

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# 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: **193**
- EMS INCIDENTS: **126**
- FIRE INCIDENTS: **67**
- ePCR: **126**

### BY BRANCH(EMS):

- DISTRICT 71: **72 INCIDENTS**
- DISTRICT 72: **28 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **23 INCIDENTS**
- OTHER: **3 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **56 INCIDENTS = 44.4%**
- ALS: **70 INCIDENTS= 55.6%**
- ALS2: **0 INCIDENTS- 0.0%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 85 INCIDENTS = 67.5%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 8 INCIDENTS= 6.3%**
- TREATED/NO TRANSPORT:
  - 4 INCIDENTS = 3.2%**
- NO TRANSPORT/REFUSED:
  - 3 INCIDENTS= 2.4%**
- CANCELED:
  - 7 INCIDENTS= 5.6%**
- DEAD PRIOR TO ARRIVAL:
  - 1 INCIDENTS= 0.8%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 18 INCIDENTS= 14.3%**

## EMERGENCY MEDICAL SERVICES REPORT

### RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	4	3.2
Airway Obstruction	1	0.8
Alcohol Abuse with intoxic.	1	0.8
Alt. Level of Conscious	2	1.6
Anxiety	1	0.8
Asthma Symptoms	1	0.8
Back Pain (no trauma)	3	2.4
COVID-19	1	0.8
Cva/Stroke	2	1.6
Cardiac Symptoms	5	4.0
Chest Pain	4	3.2
Depression (acute)	1	0.8
Dyspnea-SOB	9	7.1
Eye Symp. (no trauma)	1	0.8
Flu Symptoms	3	2.4
GI-Bleed	2	1.6
Hemorrhage	1	0.8
Hypertension	1	0.8
Hypotension	1	0.8
Medical Device Failure	1	0.8
Minor / General Injury	2	1.6
Monitoring Required	1	0.8
Nausea	2	1.6
No Medical Problem	3	2.4
Non-Traumatic Leg Pain	3	2.4
Nose Bleed	1	0.8
OD - Suspected Opioid		
Overdose - Accidental	1	0.8
Psychiatric Emergency	3	2.4
Seizure	4	3.2
Syncope/Fainting	3	2.4
Trauma Injury	12	9.5
Unconscious	2	1.6
Unknown Medical	6	4.8
Vomiting	2	1.6
Vomiting Blood	1	0.8
Weakness	9	7.1
Left Blank	25	19.8

### RUNS BY UNIT:

- MEDIC 71: **0 INCIDENTS**
- MEDIC 72: **21 INCIDENTS**
- MEDIC 73: **76 INCIDENTS**
- MEDIC 74: **28 INCIDENTS**
- UTILITY 71: **1 INCIDENTS**

### TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
  - 66 PATIENTS (52.4%)**
- AVITA-ONTARIO
  - 16 PATIENTS (12.7%)**
- UH ASHLAND
  - 3 PATIENTS (2.4%)**
- OHIO HEALTH ONTARIO
  - 0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY
  - 0 PATIENTS (0.0%)**

### QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **45/133 (33.8%)**
- DR. SPANER: **22 (16.5%)**
- CAPTAIN GREEN: **23 (17.3%)**

### RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **158**
- MUTUAL AID RECEIVED = **3**
- AUTO AID RECEIVED = **1**
- MUTUAL AID GIVEN = **10**
- AUTO AID GIVEN = **21**

### DISPATCH MATRIX (DAYS):

- SUNDAY = **32 CALLS (15.8%)**
- MONDAY = **33 CALLS (16.3%)**
- TUESDAY = **26 CALLS (12.8%)**
- WEDNESDAY = **28 CALLS (13.8%)**
- THURSDAY = **29 CALLS (14.3%)**
- FRIDAY = **23 CALLS (11.3%)**
- SATURDAY = **30 CALLS (14.8%)**

### DISPATCH MATRIX (TIMES):

- 0001-0800: **36 CALLS (17.8%)**
- 0801-1600: **82 CALLS (40.3%)**
- 1601-2400: **85 CALLS (41.9%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	5	2.59%
123 - Fire in portable building, fixed location	1	0.52%
143 - Grass fire	1	0.52%
151 - Outside rubbish, trash or waste fire	5	2.59%
300 - Rescue, EMS incident	2	1.04%
311 - Medical assist, assist EMS crew	1	0.52%
321 - EMS call, excluding vehicle accident with injury	124	64.25%
322 - Vehicle accident with injuries	1	0.52%
324 - Motor vehicle accident with no injuries.	1	0.52%
381 - Rescue or EMS standby	1	0.52%
550 - Public service assistance, Other	13	6.74%
551 - Assist police	2	1.04%
553 - Public service	1	0.52%
554 - Assist invalid	2	1.04%
561 - Unauthorized burning	1	0.52%
600 - Good intent call	1	0.52%
611 - Dispatched & canceled en route	17	8.81%
622 - No incident found	2	1.04%
651 - Smoke scare, odor of smoke	1	0.52%
700 - False alarm or false call	4	2.07%
713 - Telephone, malicious false alarm	1	0.52%
735 - Alarm system sounded due to malfunction	1	0.52%
743 - Smoke detector activation, no fire, unintentional	1	0.52%
745 - Alarm system sounded, no fire unintentional	2	1.04%
N/A - Not Specified	2	1.04%

### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
110 - Fixed use recreation places, other	1	0.52%
131 - Church, mosque, synagogue, temple, chapel	1	0.52%
160 - Eating, drinking places	3	1.55%
161 - Restaurant	3	1.55%
213 - Elementary school	1	0.52%
215 - High school/middle school	1	0.52%
342 - Doctor, dentist, or oral surgeons office	1	0.52%
400 - Residential, other	17	8.81%
419 - 1 or 2 family dwelling	121	62.69%
429 - Multifamily dwellings	1	0.52%
511 - Convenience store	1	0.52%
519 - Food and beverage sales, grocery store	1	0.52%
571 - Service station, gas station	1	0.52%
599 - Business office	1	0.52%
807 - Outside material storage area	1	0.52%
881 - Parking garage	1	0.52%
882 - Parking garage, general vehicle	2	1.04%
936 - Vacant lot	1	0.52%
960 - Street, other	2	1.04%
961 - Highway or divided highway	2	1.04%
962 - Residential street, road or residential driveway	4	2.07%
N/A - Not Specified	24	12.44%
NNN- None	1	0.52%

# 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 (72)</b>	<b>3.9 min</b>	<b>15.2 min</b>	<b>11.4 min</b>	<b>31.4 min</b>
<b>72 (28)</b>	<b>3.0 min</b>	<b>15.5 min</b>	<b>10.3 min</b>	<b>29.6 min</b>
<b>73 (0)</b>	<b>n/a min</b>	<b>n/a min</b>	<b>n/a min</b>	<b>n/a min</b>
<b>74 (23)</b>	<b>12.8 min</b>	<b>15.2 min</b>	<b>17.2min</b>	<b>45.0 min</b>
<b>70 (3)</b>	<b>6.0 min</b>	<b>8.0 min</b>	<b>13.0 min</b>	<b>27.5 min</b>

## LOADED MILES:

- MEDIC 71: **0.0 MILES**
- MEDIC 72: **63.3 MILES**
- MEDIC 73: **302.1 MILES**
- MEDIC 74: **98.5 MILES**
- TOTAL LOADED MILES: **463.96 MILES**

## MONROE TOWNSHIP EMS CONTRACT REPORT:

TOTAL NUMBER OF INCIDENTS: **23**

### RUN DISPOSITION:

- TREATED/TRANSPORTED: **10 CALLS (43.5%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **1 CALL (4.5%)**
- TREATED/NO TRANSPORT: **N/A**
- NO TRANSPORT/ REFUSED CARE: **N/A**
- CANCELED: **5 CALLS (21.7%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **8 CALLS (34.8%)**

### RUNS BY PRIMARY IMPRESSION:

- AIRWAY OBSTRUCTION:: **1 CALL (4.3%)**
- CARDIAC SYMPTOMS: **1 CALL (4.3%)**
- DYSPNEA (SOB): **1 CALLS (4.3%)**
- NAUSEA: **1 CALL (4.3%)**
- NO MEDICAL PROBLEM: **1 CALL (4.3%)**

## EMERGENCY MEDICAL SERVICES REPORT

- TRAUMA INJURY: **2 CALLS (8.7%)**
- URINARY BLEEDING: **1 CALL (4.3%)**
- VOMITING: **1 CALL (4.3%)**
- VOMITING BLOOD: **1 CALL (4.3%)**
- WEAKNESS: **1 CALL (4.3%)**
- LEFT BLANK: **12 CALLS (52.2%)**

### TRANSPORT DESTINATION:

- OHIO HEALTH MANSFIELD: **9 TRANSPORTS (90.0%)**
- UH SAMARITAN:: **1 TRANSPORTS (10.0%)**

### DISPATCH MATRIX:

- SUNDAY: **3 CALLS (12.0%)**
- MONDAY: **2 CALLS (8.0%)**
- TUESDAY: **6 CALLS (24.0%)**
- WEDNESDAY: **4 CALLS (16.0%)**
- THURSDAY: **3 CALLS (12.0%)**
- FRIDAY: **4 CALLS (16.0%)**
- SATURDAY: **3 CALLS (12.0%)**