

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***May, 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: **231**
- EMS INCIDENTS: **171**
- FIRE INCIDENTS: **60**
- ePCR: **174**

### BY BRANCH(EMS):

- DISTRICT 71: **106 INCIDENTS**
- DISTRICT 72: **39 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **22 INCIDENTS**
- OTHER: **7 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **79 INCIDENTS = 45.4%**
- ALS: **94 INCIDENTS= 54.0%**
- ALS2: **1 INCIDENTS- 0.6%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 115 INCIDENTS = 66.1%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 11 INCIDENTS= 6.3%**
- TREATED/NO TRANSPORT:
  - 3 INCIDENTS = 1.7%**
- NO TRANSPORT/REFUSED:
  - 5 INCIDENTS= 2.9%**
- CANCELED:
  - 11 INCIDENTS= 6.3%**
- DEAD PRIOR TO ARRIVAL:
  - 3 INCIDENTS= 1.7%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 22 INCIDENTS= 12.6%**
- OTHER:
  - 4 INCIDENTS= 2.3%**

## EMERGENCY MEDICAL SERVICES REPORT

### RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	7	4.0
Alcohol Abuse with Intox.	2	1.1
Allergic Reaction	1	0.6
Alt. Level of Conscious	6	3.4
Anxiety	4	2.3
Back Pain (no trauma)	3	1.7
COVID-19 (suspected)	1	0.6
Cva/Stroke	1	0.6
Cardiac Symptoms	5	2.9
Chest Pain	9	5.2
Diabetic Symptoms	3	1.7
Dizziness	2	1.1
Dyspnea-SOB	9	5.2
Flu Symptoms	2	1.1
GI-Bleed	1	0.6
Gout Flare Up	1	0.6
Hypertension	1	0.6
Hyperventilation	1	0.6
Minor/General Injury	10	5.7
Monitoring Required	1	0.6
Nausea	1	0.6
No Medical Problem	2	1.1
Non-Traumatic Leg Pain	5	2.9
Nose Bleed	2	1.1
OD - Suspected Opiod Overdose - Accidental	3	1.7
OD - Suspected Opiod Overdose - Intentional	1	0.6
OD - Suspected Overdose-Other	1	0.6
Obvious Death	2	1.1
Post-Op Complication	1	0.6
Respiratory failure	1	0.6
Seizure	4	2.3
Syncope/Fainting	1	0.6
Trauma Injury	27	15.5
Unknown Medical	1	0.6
Urination Problem	2	1.1
Vomiting	3	1.7
Weakness	7	4.0
Left Blank	39	22.4

### RUNS BY UNIT:

- MEDIC 71: **111 INCIDENTS**
- MEDIC 72: **9 INCIDENTS**
- MEDIC 73: **17 INCIDENTS**
- MEDIC 74: **33 INCIDENTS**
- UTILITY 71: **1 INCIDENTS**

### TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD  
 **97 PATIENTS (84.3%)**
- AVITA-ONTARIO  
 **15 PATIENTS (13.0%)**
- UH ASHLAND  
 **0 PATIENTS (0.0%)**
- OHIO HEALTH ONTARIO  
 **2 PATIENT (1.7%)**
- OHIO HEALTH SHELBY  
 **1 PATIENTS (0.9%)**

### QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **71/180 (39.4%)**
- DR. SPANER: **33 (18.3%)**
- CAPTAIN GREEN: **38 (21.1%)**

### RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **187**
- MUTUAL AID RECEIVED = **6**
- AUTO AID RECEIVED = **0**
- MUTUAL AID GIVEN = **14**
- AUTO AID GIVEN = **24**

### DISPATCH MATRIX (DAYS):

- SUNDAY = **33 CALLS (13.2%)**
- MONDAY = **39 CALLS (15.6%)**
- TUESDAY = **39 CALLS (15.6%)**
- WEDNESDAY = **38 CALLS (15.2%)**
- THURSDAY = **33 CALLS (13.2%)**
- FRIDAY = **44 CALLS (17.6%)**
- SATURDAY = **22 CALLS (8.8%)**

### DISPATCH MATRIX (TIMES):

- 0001-0800: **46 CALLS (18.4%)**
- 0801-1600: **119 CALLS (47.6%)**
- 1601-2400: **85 CALLS (34%)**

## EMERGENCY MEDICAL SERVICES REPORT

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	4	1.7%
118 - Trash or rubbish fire, contained	1	0.43%
121 - Fire in mobile home used as a fixed residence	1	0.43%
140 - Natural vegetation fire	1	0.43%
150 - Outside rubbish fire	2	0.87%
151 - Outside rubbish fire, trash or waste	1	0.43%
311 - Medical assist	2	0.87%
321 - EMS call, excluding vehicle accident with injury	154	66.67%
322 - Vehicle accident with injuries	11	4.76%
323 - Motor vehicle accident	1	0.43%
324 - Motor vehicle accident with no injuries.	1	0.43%
412 - Gas Leak (natural or LPG)	2	0.87%
444 - Power line down	1	0.43%
511 - Lock-out	2	0.87%
550 - Public service assistance, Other	3	1.3%
551 - Assist Police	2	0.87%
554 - Assist invalid	1	0.43%
561 - Unauthorized burning	4	1.73%
611 - Dispatched & canceled en route	24	10.39%
622 - No Incident Found	1	0.43%
651 - Smoke Scare	1	0.43%
700 - False alarm or false call	4	1.73%
733 - Smoke detector activation due to malfunction	1	0.43%
735 - Alarm system sounded due to malfunction	4	1.73%
746 Carbon monoxide detector activation, no CO	1	0.43%
900 - Special type of incident	1	0.43%

### TALLY REPORT (PROPERTY TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
124 - Playground	1	0.43%
134 - Funeral parlor	1	0.43%
161 - Restaurant	1	0.43%
215 - High school/middle school	2	0.87%
311 - 23 hour care nursing home, 4 or more persons	1	0.43%
331 - Hospital	3	1.3%
340 - Clinics, Doctors office	3	1.3%
342 - Doctor, dentist, or oral surgeons office	1	0.43%
400 - Residential, other	8	3.46%
419 - 1 or 2 family dwelling	145	62.77%
429 - Multifamily dwellings	7	3.03%
500 - Mercantile	1	0.43%
571 - Service station, gas station	1	0.43%
580 - General retail	1	0.43%
881 - Parking garage	1	0.43%
926 - Outbuilding	1	0.43%
931 - Open land	1	0.43%
960 - Street, other	3	1.3%
961 - Highway or divided highway	4	1.73%
962 - Residential street, road or residential driveway	10	4.33%
963 - Street or road in commercial area	5	2.16%
965 - Vehicle parking area	2	0.87%
N/A - Not Specified	25	10.82%
NNN- None	2	0.87%

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 (106)</b>	<b>3.5 min</b>	<b>16.1 min</b>	<b>12.0 min</b>	<b>31.5 min</b>
<b>72 (39)</b>	<b>3.3 min</b>	<b>16.0 min</b>	<b>9.5 min</b>	<b>28.7 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 (22)</b>	<b>11.0 min</b>	<b>22.3 min</b>	<b>17.5 min</b>	<b>50.9 min</b>
<b>70 (7)</b>	<b>5.1 min</b>	<b>12.8 min</b>	<b>9.8 min</b>	<b>28.8 min</b>

**LOADED MILES:**

- MEDIC 71: **337.7 MILES**
- MEDIC 72: **34.2 MILES**
- MEDIC 73: **72.6 MILES**
- MEDIC 74: **112.4 MILES**
- TOTAL LOADED MILES: **556.9 MILES**

**OVERLAPPING CALLS:**

- 64 CALLS (27.7%)**

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **22**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **9 CALL (40.9%)**
- 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: **3 CALLS (13.6%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **6 CALLS (27.3%)**
- OTHER: **3 CALLS (13.6%)**

**RUNS BY PRIMARY IMPRESSION:**

- ANXIETY: **1 CALL (4.5%)**
- CARDIAC SYMPTOMS: **1 CALL (4.5%)**
- CHEST PAIN: **1 CALL (4.5%)**
- MINOR/GENERAL INJURY: **2 CALLS (9.1%)**
- TRAUMA INJURY: **1 CALL (4.5%)**
- VOMITING: **1 CALL (4.5%)**
- WEAKNESS: **1 CALL (4.5%)**
- LEFT BLANK: **12 CALLS (54.5%)**

**TRANSPORT DESTINATION:**

- OHIO HEALTH MANSFIELD: **9 TRANSPORTS (40.9%)**

**DISPATCH MATRIX:**

- SUNDAY: **6 CALLS (27.3%)**
- MONDAY: **3 CALLS (13.6%)**
- TUESDAY: **3 CALLS (13.6%)**
- WEDNESDAY: **5 CALLS (22.7%)**
- THURSDAY: **1 CALLS (4.35%)**
- FRIDAY: **2 CALLS (9.1%)**
- SATURDAY: **2 CALLS (9.1%)**