

# MADISON TOWNSHIP FIRE DEPARTMENT

*BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS*

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

***December, 2022***

*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: **263**
- EMS INCIDENTS: **185**
- FIRE INCIDENTS: **78**
- ePCR: **188**

### BY BRANCH(EMS):

- DISTRICT 71: **139 INCIDENTS**
- DISTRICT 72: **28 INCIDENTS**
- DISTRICT 73: **3 INCIDENT**
- DISTRICT 74: **9 INCIDENTS**
- OTHER: **9 INCIDENTS**

### RUN BY SERVICE LEVEL:

- BLS: **72 INCIDENTS = 38.3%**
- ALS: **114 INCIDENTS= 60.6%**
- ALS2: **2 INCIDENTS- 1.1%**

### RUN DISPOSITION:

- TREATED/TRANSPORTED:
  - 127 INCIDENTS = 67.6%**
- TREATED/TRANSFERRED CARE:
  - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
  - 18 INCIDENTS= 9.6%**
- TREATED/NO TRANSPORT:
  - 3 INCIDENTS = 1.6%**
- NO TRANSPORT/REFUSED:
  - 5 INCIDENTS= 2.7%**
- CANCELED:
  - 10 INCIDENTS= 5.3%**
- DEAD PRIOR TO ARRIVAL:
  - 4 INCIDENTS= 2.1%**
- DEAD AFTER ARRIVAL:
  - 0 INCIDENTS= 0.0%**
- ASSIST:
  - 21 INCIDENTS= 11.2%**

## EMERGENCY MEDICAL SERVICES REPORT

### RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	5	2.7
Alcohol Abuse with intox.	3	1.6
Alt. Level of Conscious	6	3.2
Anxiety	5	2.7
Back Pain (no trauma)	3	1.6
Cva/Stroke	1	0.5
Carbon Mon. Poisoning	1	0.5
Cardiac Arrest	1	0.5
Cardiac Symptoms	4	2.1
Chest Pain	7	3.7
Dehydration	2	1.1
Diabetic Symptoms	1	0.5
Dizziness	7	3.7
Dyspnea-SOB	17	9.0
Elevated Temp/Fever	1	0.5
Eye Symp.(No Trauma)	1	0.5
Flu Symptoms	6	3.2
GI-Constipation	1	0.5
GI- Diarrhea	2	1.1
Hypertension	2	1.1
Hypotension	2	1.1
Hypothermia	1	0.5
Medication Reaction	1	0.5
Minor / General Injury	3	1.6
Monitoring Required	1	0.5
Nausea	1	0.5
No Medical Problem	7	3.7
Non-Traumatic Arm Pain	1	0.5
Non-Traumatic Leg Pain	2	1.1
Nose Bleed	1	0.5
OB/Gyn	1	0.5
OB/Gyn (comp)	1	0.5
OD - Suspected Opioid		
Overdose - Accidental	3	1.6
Obvious Death	4	2.1
Seizure	4	2.1
Sore Throat	1	0.5
Syncope/Fainting	2	1.1
Trauma Injury	11	5.9
Unconscious	1	0.5
Unknown Medical	6	3.2
Urinary Bleeding	1	0.5

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Unknown Problem	1	0.5
Vomiting	5	2.7
Vomiting Blood	1	0.5
Weakness	12	6.4
Left Blank	34	18.1

### RUNS BY UNIT:

- MEDIC 71: **118 INCIDENTS**
- MEDIC 73: **24 INCIDENTS**
- MEDIC 74: **42 INCIDENTS**
- UTILITY 71: **2 INCIDENTS**
- LADDER 71: **2 INCIDENTS**

### TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
  - 102 PATIENTS (54.3%)**
- AVITA-ONTARIO
  - 22 PATIENTS (11.7%)**
- UH ASHLAND
  - 1 PATIENTS (0.5%)**
- OHIO HEALTH ONTARIO
  - 1 PATIENT (0.5%)**
- OHIO HEALTH SHELBY
  - 1 PATIENTS (0.5%)**

### QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **48/192 (25.0%)**
- DR. SPANER: **18 (9.4%)**
- CAPTAIN GREEN: **30 (15.6%)**

### RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **263**
- MUTUAL AID RECEIVED = **8**
- AUTO AID RECEIVED = **2**
- MUTUAL AID GIVEN = **23**
- AUTO AID GIVEN = **23**

## EMERGENCY MEDICAL SERVICES REPORT

### DISPATCH MATRIX (DAYS):

- SUNDAY = **42 CALLS (15.3%)**
- MONDAY = **33 CALLS (12.0%)**
- TUESDAY = **26 CALLS (9.5%)**
- WEDNESDAY = **33 CALLS (12.0%)**
- THURSDAY = **57 CALLS (20.8%)**
- FRIDAY = **46 CALLS (16.8%)**
- SATURDAY = **36 CALLS (13.1%)**

### DISPATCH MATRIX (TIMES):

- 0001-0800: **43 CALLS (15.8%)**
- 0801-1600: **126 CALLS (46%)**
- 1601-2400: **105 CALLS (38.3%)**

### TALLY REPORT (INCIDENT TYPE):

<b>Code</b>	<b>Total</b>	<b>%</b>
111 - Building fire	5	1.9%
113 - Cooking fire, confined to container	1	0.38%
131 - Passenger vehicle fire	2	0.76%
142 - Brush, or brush and grass mixture fire	1	0.38%
150 - Outside rubbish, trash or waste fire	1	0.38%
311 - Medical assist, assist EMS crew	5	1.9%
321 - EMS call, excluding vehicle accident with injury	158	60.08%
322 - Vehicle accident with injuries	4	1.52%
324 - Motor vehicle accident with no injuries.	6	2.28%
424 - Carbon monoxide	3	1.14%
440 - Electrical wiring/equipment problem, other	1	0.38%
442 - Overheated motor	1	0.38%
444 - Power line down	3	1.14%
461 - Building or structure weakened or collapsed	1	0.38%
550 - Public service assistance, Other	6	2.28%
551 - Assist police	1	0.38%
553 - Public service	1	0.38%

<b>Code</b>	<b>Total</b>	<b>%</b>
554 - Assist invalid	11	4.18%
561 - Unauthorized burning	1	0.38%
600 - Good intent call	2	0.76%
611 - Dispatched & canceled en route	24	9.13%
622 - No incident found	2	0.76%
700 - False alarm or false call	3	1.14%
711 - Municipal alarm system, malicious false alarm	1	0.38%
715 - Local alarm system	1	0.38%
731 - Sprinkler activation	2	0.75%
735 - Alarm system sounded due to malfunction	6	2.28%
740 - Unintentional transmission of alarm	2	0.76%
746 - Carbon monoxide detector activation, no CO	1	0.38%
N/A - Not Specified	1	0.38%

EMERGENCY MEDICAL SERVICES REPORT

**TALLY REPORT (PROPERTY TYPE):**

<b>Code</b>	<b>Total</b>	<b>%</b>
150 - Public or government	1	0.38%
161 - Restaurant	2	0.76%
162 - Bar or nightclub	2	0.76%
215 - High school/middle school		
	2	0.76%
311 - 23 hour care Nursing homes, 4 or more persons	2	0.76%
321 - Mental retardation/development disability facility	1	0.38%
331 - Hospital - medical or psychiatric	1	0.38%
341 - Clinic	1	0.38%
342 - Doctor, dentist or oral surgeons office	1	0.38%
400 - Residential, other	1	0.38%
419 - 1 or 2 family dwelling	171	65.02%
429 - Multifamily dwellings	8	3.04%
439 - Boarding/rooming house, residential hotels	1	0.38%
460 - Dormitory type	1	0.38%
500 - Mercantile, business	2	0.75%
511 - Convenience store	1	0.38%
519 - Food and beverage sales, grocery store	9	3.42%
581 - Department or discount store	1	0.38%
700 - Manufacturing processing	2	0.76%
888 - Fire station	2	0.76%
900 - Outside or special property, other	1	0.38%

<b>Code</b>	<b>Total</b>	<b>%</b>
938 - Graded and cared for plots of land	1	0.38%
951 - Railroad right of way	1	0.38%
960 - Street, other	2	0.76%
961 - Highway or divided highway	5	1.9%
962 - Residential street, road or residential driveway	7	2.66%
963 Street or road in commercial area	1	0.38%
N/A - Not Specified	33	12.55%

## 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 (139)</b>	<b>4.0 min</b>	<b>15.5 min</b>	<b>11.5 min</b>	<b>31.0 min</b>
<b>72 (28)</b>	<b>3.3 min</b>	<b>15.5 min</b>	<b>10.1 min</b>	<b>29.1 min</b>
<b>73 (3)</b>	<b>6.3 min</b>	<b>17.5 min</b>	<b>7.5 min</b>	<b>30.0 min</b>
<b>74 (9)</b>	<b>11.7 min</b>	<b>18.0 min</b>	<b>16.8 min</b>	<b>45.2 min</b>
<b>70 (9)</b>	<b>4.8 min</b>	<b>16.7 min</b>	<b>10.0 min</b>	<b>31.3 min</b>

### LOADED MILES:

- MEDIC 71: **402.8 MILES**
- MEDIC 74: **141.2 MILES**
- MEDIC 73: **71.4 MILES**
- TOTAL LOADED MILES: **615.4 MILES**

**TRAINING REPORT:** WE COMPLETED **ONE HUNDRED AND FIFTY (150)** MAN HOURS OF TRAINING FOR NOVEMBER 2022. THE FOLLOWING TOPICS:

- GARRETTSVILLE CASE STUDY
- BOYD STREET FIRE
- FIRE SUPPRESSION SYSTEMS
- FF COMMUNICATION
- SEXUAL HARASSMENT
- BACK INJURIES
- WALK THRU
- COVID 19 FOR EMS
- ROAD/MAPS
- VENT ENTER SEARCH
- FIREGROUND OPERATIONS
- FF PTSD
- INFECTIOUS DISEASE
- ADVANCED AIRWAY
- PEDIATRIC TRAUMA
- PAIN MANAGEMENT
- RECOGNIZING AND IDENTIFYING THE HAZARDS\
- BODY ARMOR FOR FIRE SERVICE
- PROFESSIONAL ETHICS

EMERGENCY MEDICAL SERVICES REPORT

**MONROE TOWNSHIP EMS CONTRACT REPORT:**

TOTAL NUMBER OF INCIDENTS: **9**

**RUN DISPOSITION:**

- TREATED/TRANSPORTED: **5 CALLS (55.6%)**
- 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 (22.2%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **2 CALLS (22.2%)**

**RUNS BY PRIMARY IMPRESSION:**

- DYSPNEA (SOB): **1 CALL (11.1%)**
- NOSE BLEED: **1 CALLS (11.1%)**
- SORE THROAT: **1 CALL (11.1%)**
- VOMITING: **1 CALL (11.1%)**
- WEAKNESS: **1 CALL (11.1%)**
- LEFT BLANK: **4 CALLS (44.4%)**

**TRANSPORT DESTINATION:**

- OHIO HEALTH MANSFIELD: **5 TRANSPORTS (55.6%)**
- AVITA ONTARIO: **0 TRANSPORTS**
- LEFT BLANK: **4 CALLS (44.4%)**

**DISPATCH MATRIX:**

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