

MADISON TOWNSHIP FIRE DEPARTMENT

BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS

EMERGENCY MEDICAL SERVICES REPORT

AUGUST, 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: **214**
- EMS INCIDENTS: **157**
- FIRE INCIDENTS: **57**
- ePCR: **160**

BY BRANCH(EMS):

- DISTRICT 71: **99 INCIDENTS**
- DISTRICT 72: **38 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **20 INCIDENTS**
- OTHER: **3 INCIDENTS**

RUN BY SERVICE LEVEL:

- BLS: **73 INCIDENTS = 45.6%**
- ALS: **84 INCIDENTS= 52.5%**
- ALS2: **3 INCIDENTS- 1.9%**

RUN DISPOSITION:

- TREATED/TRANSPORTED:
 - 109 INCIDENTS = 68.1%**
- TREATED/TRANSFERRED CARE:
 - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
 - 6 INCIDENTS= 3.8%**
- TREATED/NO TRANSPORT:
 - 6 INCIDENTS = 3.8%**
- NO TRANSPORT/REFUSED:
 - 7 INCIDENTS= 4.4%**
- CANCELED:
 - 11 INCIDENTS= 6.9%**
- DEAD PRIOR TO ARRIVAL:
 - 1 INCIDENTS= 0.6%**
- DEAD AFTER ARRIVAL:
 - 0 INCIDENTS= 0.0%**
- ASSIST:
 - 19 INCIDENTS= 11.9%**
- OTHER:
 - 1 INCIDENTS= 0.6%**

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RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	2	1.6
Allergic Reaction	1	0.6
Alt. Level of Conscious	3	1.9
Anxiety	5	3.1
Asthma Symptoms	1	0.6
Back Pain (no trauma)	4	2.5
CVA/Stroke	1	0.6
Cardiac Arrest	1	0.6
Cardiac Symptoms	2	1.3
Chest Pain	6	3.8
Diabetic Symptoms	6	3.8
Dizziness	4	2.5
Dyspnea-SOB	6	3.8
GI-Bleed	1	0.6
GI-Diarrhea	1	0.6
Hemorrhage (severe)	1	0.6
Hypertension	1	0.6
Medical Device Failure	1	0.6
Minor/General Injury	6	3.8
Nausea	3	1.8
Newborn	1	0.6
No Medical Problem	6	3.8
Non-Traumatic Leg Pain	3	1.9
OB/Gyn	2	1.3
OD - Suspected Opioid Overdose - Accidental	2	1.36
OD - Suspected Overdose- Narcotics	1	0.6
Obvious Death	1	0.6
Psychiatric Emergency	1	0.6
Seizure	7	4.4
Sepsis	2	1.3
Suicide Attempt	1	0.6
Syncope/Fainting	5	3.1
Trauma Injury	8	5.0
Unknown Medical	9	5.6
Urinary Bleeding	1	0.6
Urination Problem	1	0.6
Vomiting	3	1.9
Vomiting Blood	2	1.3
Weakness	11	6.9
Left Blank	35	21.9

RUNS BY UNIT:

- MEDIC 71: **81 INCIDENTS**
- MEDIC 72: **37 INCIDENTS**
- MEDIC 73: **1 INCIDENTS**
- MEDIC 74: **41 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
 93 PATIENTS (58.1%)
- AVITA-ONTARIO
 10 PATIENTS (6.3%)
- UH SAMARITAN
 3 PATIENTS (1.9%)
- OHIO HEALTH ONTARIO
 2 PATIENT (1.3%)
- OHIO HEALTH SHELBY
 1 PATIENTS (0.6%)

QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **39/163 (23.9%)**
- DR. SPANER: **18 (11.0%)**
- CAPTAIN GREEN: **21 (12.9%)**

RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **177**
- MUTUAL AID RECEIVED = **1**
- AUTO AID RECEIVED = **1**
- MUTUAL AID GIVEN = **8**
- AUTO AID GIVEN = **25**

DISPATCH MATRIX (DAYS):

- SUNDAY = **31 CALLS (14.1%)**
- MONDAY = **30 CALLS (13.6%)**
- TUESDAY = **31 CALLS (14.1%)**
- WEDNESDAY = **36 CALLS (16.4%)**
- THURSDAY = **43 CALLS (19.5%)**
- FRIDAY = **28 CALLS (12.7%)**
- SATURDAY = **20 CALLS (9.1%)**

DISPATCH MATRIX (TIMES):

- 0001-0800: **38 CALLS (17.4%)**
- 0801-1600: **89 CALLS (40.4%)**
- 1601-2400: **93 CALLS (43.2%)**

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TALLY REPORT (INCIDENT TYPE):

Code	Total	%
111 - Building fire	1	0.47%
118 - Trash or rubbish fire	2	0.93%
131 - Passenger vehicle fire	1	0.47%
132 - Road freight vehicle fire	1	0.47%
150 - Outside rubbish fire	1	0.47%
151 - Outside rubbish, trash, or waste fire	3	1.4%
311 - Medical assist	2	0.93%
321 - EMS call, excluding vehicle accident with injury	142	66.36%
322 - Vehicle accident with injuries	6	2.8%
324 - Motor vehicle accident with no injuries.	4	1.87%
444 - Power line down	4	1.87%
445 - Arcing, Shorted electrical equipment	2	0.93%
500 - Service Call	1	0.47%
550 - Public service assistance, Other	2	0.93%
561 - Unauthorized burning	3	1.4%
611 - Dispatched & canceled en route	21	9.81%
622 - No incident found	1	0.47%
651 - Smoke scare	3	1.4%
700 - False alarm or false call	6	2.8%
735 - Alarm system sounded due to malfunction	1	0.47%
736 - CO detector activation	1	0.47%
740 - Unintentional transmission of alarm, other	1	0.47%
745 - Alarm system sounded, no fire, unintentional	2	0.93%
N/A - No specified	1	0.47%

TALLY REPORT (PROPERTY TYPE):

Code	Total	%
131 - Church	2	0.93%
161 - Restaurant	2	0.93%
162 - Bar or nightclub	1	0.47%
210 - Schools, non-adult	1	0.47%
311 - 24 hour care nursing home, 4 or more persons	2	0.93%
400 - Residential, other	6	2.8%
419 - 1 or 2 family dwelling	139	64.95%
429 - Multifamily dwellings	2	0.93%
500 - Mercantile,	1	0.47%
519 - Food and beverage sales, grocery store	1	0.47%
539 - Household good, sales, repairs	1	0.47%
571 - Service station, gas station	1	0.47%
888 - Fire station	4	1.87%
900 - Outside or special	2	0.93%
931 - Open land or field	1	0.47%
935 - Campsite	1	0.47%
961 - Highway or divided highway	3	1.4%
962 - Residential street, road or residential driveway	12	5.61%
963 - Street or road in commercial area	4	1.87%
965 - Vehicle parking area	2	0.93%
984 - Industrial plant yard	1	0.47%
N/A - Not Specified	24	11.21%
UUU - Undetermined	1	0.47%

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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>
71 (99)	3.7 min	15.1 min	11.9 min	30.3 min
72 (38)	3.2 min	14.1 min	10.3 min	27.8 min
73 (0)	0.0 min	0.0 min	0.0 min	0.0 min
74 (20)	12.9 min	12.6 min	18.4 min	43.3 min
70 (3)	4.3 min	11.3 min	9.7 min	25.3 min

LOADED MILES:

- MEDIC 71: **277.5 MILES**
- MEDIC 72: **127.7 MILES**
- MEDIC 73: **0.0 MILES**
- MEDIC 74: **138.7 MILES**
- TOTAL LOADED MILES: **544.9 MILES**

OVERLAPPING CALLS:

- 61 CALLS (28.6%)**

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MONROE TOWNSHIP EMS CONTRACT REPORT:

TOTAL NUMBER OF INCIDENTS: **20**

RUN DISPOSITION:

- TREATED/TRANSPORTED: **10 CALL (50.0%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **1 CALL (5.0%)**
- NO TRANSPORT/ REFUSED CARE: **N/A**
- CANCELED: **4 CALLS (20.0%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **4 CALLS (20.0%)**
- OTHER: **1 CALL (5.0%)**

RUNS BY PRIMARY IMPRESSION:

- ABDOMINAL PAIN: **1 CALL (5.0%)**
- BACK PAIN (NO TRAUMA): **2 CALLS (10.0%)**
- MEDICAL DEVICE FAILURE: **1 CALL (5.0%)**
- NAUSEA: **1 CALL (5.0%)**
- SYNCOPE: **1 CALL (5.0%)**
- VOMITING:: **2 CALL (10.0%)**
- VOMITING BLOOD: **1 CALL (5.0%)**
- WEAKNESS: **1 CALL (5.0%)**
- LEFT BLANK: **9 CALLS (45.0%)**

TRANSPORT DESTINATION:

- OHIO HEALTH MANSFIELD: **8 TRANSPORTS (40.0%)**
- UH - SAMARITAN MEDICAL CENTER: **2 TRANSPORTS (10.0%)**
- LEFT BLANK: **10 (50.0%)**

DISPATCH MATRIX:

- SUNDAY: **3 CALLS (13.0%)**
- MONDAY: **2 CALLS (8.7%)**
- TUESDAY: **0 CALLS (0.0%)**
- WEDNESDAY: **4 CALLS (17.4%)**
- THURSDAY: **4 CALLS (17.4%)**
- FRIDAY: **7 CALLS (30.4%)**
- SATURDAY: **3 CALLS (13.0%)**