

MADISON TOWNSHIP FIRE DEPARTMENT

BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS

EMERGENCY MEDICAL SERVICES REPORT

January, 2024

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: **225**
- EMS INCIDENTS: **173**
- FIRE INCIDENTS: **52**
- ePCR: **170**

BY BRANCH(EMS):

- DISTRICT 71: **172 INCIDENTS**
- DISTRICT 72: **61 INCIDENTS**
- DISTRICT 73: **1 INCIDENT**
- DISTRICT 74: **14 INCIDENTS**
- OTHER: **6 INCIDENTS**

RUN BY SERVICE LEVEL:

- BLS: **80 INCIDENTS = 41.2%**
- ALS: **88 INCIDENTS= 57.6%**
- ALS2: **2 INCIDENTS- 1.2%**

RUN DISPOSITION:

- TREATED/TRANSPORTED:
 - 120 INCIDENTS = 70.6%**
- TREATED/TRANSFERRED CARE:
 - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
 - 7 INCIDENTS= 4.1%**
- TREATED/NO TRANSPORT:
 - 7 INCIDENTS = 4.1%**
- NO TRANSPORT/REFUSED:
 - 7 INCIDENTS= 4.1 %**
- CANCELED:
 - 6 INCIDENTS= 3.5%**
- DEAD PRIOR TO ARRIVAL:
 - 2 INCIDENTS= 1.2%**
- DEAD AFTER ARRIVAL:
 - 0 INCIDENTS= 0.0%**
- ASSIST:
 - 17 INCIDENTS= 10.0%**
- OTHER:
 - 4 INCIDENTS= 2.4%**

EMERGENCY MEDICAL SERVICES REPORT

RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	7	4.1
Allergic Reaction	1	0.6
Alt. Level of Conscious	2	1.2
Anxiety	5	2.9
Asthma Symptoms	1	0.6
Back Pain (no trauma)	2	1.2
Behavioral Disorder	1	0.6
COVID-19	3	1.8
CVA/Stroke	1	0.6
Cardiac Arrest	1	0.6
Cardiac Symptoms	7	4.1
Chest Pain	7	4.1
Cough w/blood	1	0.6
Diabetic Symptoms	1	0.6
Dizziness	1	0.6
Dyspnea-SOB	18	10.6
Flu Symptoms	7	4.1
GI-Bleed	2	1.2
GI-Constipation	1	0.6
Hypertension	3	1.8
Hypotension	1	0.6
Minor/General Injury	5	2.9
Nausea	1	0.6
No Medical Problem	7	4.1
Non-Traumatic Leg Pain	2	1.2
OD Opioid-Accidental	1	0.6
OD Opioid-Intentional	1	0.6
OD-Narcotic	3	1.8
Obvious Death	2	1.2
Post-Op Complication	1	0.6
Psychiatric Emergency	2	1.2
Seizure	3	1.8
Suicide Attempt	2	1.2
Syncope/Fainting	3	1.8
Trauma Injury	14	8.2
Unknown Medical	7	4.1
Vomiting	2	1.2
Weakness	8	4.7
Left Blank	30	17.6

RUNS BY UNIT (EMS):

- MEDIC 71: **119 INCIDENTS**
- MEDIC 72: **5 INCIDENTS**
- MEDIC 73: **0 INCIDENTS**
- MEDIC 74: **46 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
 - 95 PATIENTS (55.9%)**
- AVITA-ONTARIO
 - 20 PATIENTS (11.8%)**
- UH SAMARITAN
 - 4 PATIENTS (2.4%)**
- OHIO HEALTH ONTARIO
 - 0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY
 - 2 PATIENTS (1.2%)**

QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **58/182 (31.9%)**
- DR. SPANER: **22 (12.1%)**
- CAPTAIN GREEN: **36 (19.7%)**

RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **192**
- MUTUAL AID RECEIVED = **10**
- AUTO AID RECEIVED = **2**
- MUTUAL AID GIVEN = **9**
- AUTO AID GIVEN = **12**

DISPATCH MATRIX (DAYS):

- SUNDAY = **27 CALLS (11.5%)**
- MONDAY = **50 CALLS (21.3%)**
- TUESDAY = **35 CALLS (14.9%)**
- WEDNESDAY = **35 CALLS (14.9%)**
- THURSDAY = **27 CALLS (11.5%)**
- FRIDAY = **30 CALLS (12.8%)**
- SATURDAY = **30 CALLS (12.8%)**

DISPATCH MATRIX (TIMES):

- 0001-0800: **62 CALLS (26.4%)**
- 0801-1600: **88 CALLS (37.5%)**
- 1601-2400: **85 CALLS (36.1%)**

EMERGENCY MEDICAL SERVICES REPORT

TALLY REPORT (INCIDENT TYPE):

Code	Total	%
111 - Building fire	5	2.22%
118 - Trash or rubbish fire	1	0.44%
131 - Passenger vehicle fire	1	0.44%
311 - Medical assist	2	0.89%
321 - EMS call, excluding vehicle accident with injury	163	72.44%
322 - Vehicle accident with injuries	1	0.44%
324 - Motor vehicle accident with no injuries.	7	3.11%
412 - Gas leak	2	0.89%
424 - Carbon monoxide incident	1	0.44%
443 - Breakdown of ballast	1	0.44%
444 - Power line down	1	0.44%
522 - Water or Steam leak	1	0.44%
550 - Public service assistance, Other	6	2.67%
551 - Assist Police	2	0.89%
554 - Assist invalid	6	2.67%
561 - Unauthorized Burning	1	0.44%
611 - Dispatched & canceled en route	21	9.33%
622 - No incident found	1	0.44%
651 - Smoke scare, odor of smoke	1	0.44%
710 - Malicious False alarm	2	0.44%

TALLY REPORT (PROPERTY TYPE):

Code	Total	%
161 - Restaurant	3	1.33%
162 - Bar or nightclub	1	0.44%
311 - 24 hour care Nursing	1	0.44%
321 - Mental disability facility	1	0.44%
340 - Doctors Office	1	0.44%
342 - Dentist	1	0.44%
400 - Residential, other	8	3.56%
419 - 1 or 2 family dwelling	156	69.33%
429 - Multifamily dwellings	2	0.89%
500 - Mercantile Business	4	1.78%
511 - Convenience Store	1	0.44%
519 - Food and beverage sales, grocery store	2	0.89%
571 - Service Station	2	0.89%
579 - Motor vehicle sales	1	0.44%
931 - Open land or field	1	0.44%
960 - Street, other	6	2.67%
961 - Highway or divided highway	2	0.89%
962 - Residential street, road or residential driveway	5	2.22%
963 - Street or road in commercial area	2	0.89%
N/A - Not Specified	22	9.78%
NNN - None	1	0.44%
UUU - Undetermined	2	0.89%

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>
71 (173)	3.8 min	16.3 min	12.8 min	33.5 min
72 (55)	2.9 min	15.8 min	9.6 min	28.1 min
73 (0)	0.0 min	0.0 min	0.0 min	0.0 min
74 (14)	12.5 min	14.0 min	17.0 min	42.5 min
70 (4)	7.8 min	6.0 min	6.0 min	19.0 min

LOADED MILES:

- MEDIC 71: **457.9 MILES**
- MEDIC 72: **6.9 MILES**
- MEDIC 73: **0.0 MILES**
- MEDIC 74: **157.2 MILES**
- TOTAL LOADED MILES: **622.0 MILES**

OVERLAPPING CALLS:

- 46 CALLS (20.4%)**

EMERGENCY MEDICAL SERVICES REPORT

MONROE TOWNSHIP EMS CONTRACT REPORT:

TOTAL NUMBER OF INCIDENTS: **14**

RUN DISPOSITION:

- TREATED/TRANSPORTED: **2 CALL (22.2%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **1 CALL (11.1%)**
- TREATED/NO TRANSPORT: **0 CALL (0.0%)**
- NO TRANSPORT/ REFUSED CARE: **0 CALL (0.0%)**
- CANCELED: **2 CALLS (22.2%)**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **1 CALLS (11.1%)**
- OTHER: **3 CALL (33.3%)**

RUNS BY PRIMARY IMPRESSION:

- CONVULSIONS/SEIZURE: **1 CALL (11.1%)**
- FALLS: **1 (11.1%)**
- OVERDOSE: **1 (11.1%)**
- PSYCHIATRIC/BEHAVIOR/SUICIDE: **1 (11.1%)**
- SICK PERSON: **3 (33.3%)**
- TRAUMATIC INJURIES: **1 (11.1%)**
- UNKNOWN PROBLEM: **1 (11.1%)**

TRANSPORT DESTINATION:

- OHIO HEALTH MANSFIELD: **1 TRANSPORTS (11.1%)**
- UH SAMARITAN: **1 TRANSPORT (11.1%)**
- LEFT BLANK: **7 (77.8%)**

DISPATCH MATRIX:

- SUNDAY: **1 CALL (7.1%)**
- MONDAY: **1 CALLS (7.1%)**
- TUESDAY: **2 CALLS (14.3%)**
- WEDNESDAY: **2 CALLS (14.3%)**
- THURSDAY: **5 CALLS (35.7%)**
- FRIDAY: **2 CALLS (14.3%)**
- SATURDAY: **1 CALL (7.1%)**