

MADISON TOWNSHIP FIRE DEPARTMENT

BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS

EMERGENCY MEDICAL SERVICES REPORT

DECEMBER, 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: **221**
- EMS INCIDENTS: **175**
- FIRE INCIDENTS: **46**
- ePCR: **170**

BY BRANCH(EMS):

- DISTRICT 71: **124 INCIDENTS**
- DISTRICT 72: **30 INCIDENTS**
- DISTRICT 73: **1 INCIDENT**
- DISTRICT 74: **18 INCIDENTS**
- OTHER: **3 INCIDENTS**

RUN BY SERVICE LEVEL:

- BLS: **80 INCIDENTS = 47.1%**
- ALS: **88 INCIDENTS= 51.8%**
- ALS2: **2 INCIDENTS- 1.2%**

RUN DISPOSITION:

- TREATED/TRANSPORTED:
 - 118 INCIDENTS = 69.4%**
- TREATED/TRANSFERRED CARE:
 - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
 - 4 INCIDENTS= 2.4%**
- TREATED/NO TRANSPORT:
 - 8 INCIDENTS = 4.7%**
- NO TRANSPORT/REFUSED:
 - 7 INCIDENTS= 4.1 %**
- CANCELED:
 - 3 INCIDENTS= 1.8%**
- DEAD PRIOR TO ARRIVAL:
 - 2 INCIDENTS= 1.2%**
- DEAD AFTER ARRIVAL:
 - 0 INCIDENTS= 0.0%**
- ASSIST:
 - 28 INCIDENTS= 16.5%**
- OTHER:
 - 0 INCIDENTS= 0.0%**

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RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	12	7.1
Allergic Reaction	2	1.2
Alt. Level of Conscious	3	1.8
Anxiety	2	1.2
Back Pain (no trauma)	7	4.1
COVID-19	3	1.8
CVA/Stroke	4	2.4
Cardiac Arrest	1	0.6
Cardiac Symptoms	3	1.8
Chest Pain	4	2.4
Diabetic Symptoms	5	2.9
Dizziness	3	1.8
Dyspnea-SOB	14	8.2
Elevated Temp/Fever	1	0.6
Flu Symptoms	2	1.2
Headache (no trauma)	2	1.2
Minor/General Injury	6	3.5
Monitoring Required	1	0.6
Nausea	1	0.6
No Medical Problem	6	3.5
Non-Traumatic Leg Pain	3	1.8
Obvious Death	2	1.2
Psychiatric Emergency	3	1.8
Seizure	2	1.2
Syncope/Fainting	2	1.2
Trauma Injury	10	5.9
Unknown Medical	10	5.9
Urination Problem	3	1.8
Vomiting	2	1.2
Weakness	15	8.8
Left Blank	34	20.0

RUNS BY UNIT:

- MEDIC 71: **96 INCIDENTS**
- MEDIC 72: **9 INCIDENTS**
- MEDIC 73: **10 INCIDENTS**
- MEDIC 74: **28 INCIDENTS**
- UTILITY 71: **0 INCIDENTS**

TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
 93 PATIENTS (54.7%)
- AVITA-ONTARIO
 24 PATIENTS (14.1%)
- UH SAMARITAN
 0 PATIENTS (0.0%)
- OHIO HEALTH ONTARIO
 1 PATIENT (0.6%)
- OHIO HEALTH SHELBY
 0 PATIENTS (0.0%)

QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **45/172 (26.2%)**
- DR. SPANER: **20 (11.6%)**
- CAPTAIN GREEN: **25 (14.5%)**

RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **194**
- MUTUAL AID RECEIVED = **2**
- AUTO AID RECEIVED = **2**
- MUTUAL AID GIVEN = **12**
- AUTO AID GIVEN = **11**

DISPATCH MATRIX (DAYS):

- SUNDAY = **42 CALLS (18.2%)**
- MONDAY = **31 CALLS (13.4%)**
- TUESDAY = **29 CALLS (12.6%)**
- WEDNESDAY = **29 CALLS (12.6%)**
- THURSDAY = **26 CALLS (11.3%)**
- FRIDAY = **38 CALLS (16.5%)**
- SATURDAY = **32 CALLS (13.9%)**

DISPATCH MATRIX (TIMES):

- 0001-0800: **46 CALLS (20%)**
- 0801-1600: **103 CALLS (44.6%)**
- 1601-2400: **82 CALLS (35.5%)**

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TALLY REPORT (INCIDENT TYPE):

Code	Total	%
100 - Fire, Other	1	0.45%
111 - Building fire	3	1.36%
132 - Road freight or transport vehicle fire	1	0.45%
311 - Medical assist	6	2.71%
321 - EMS call, excluding vehicle accident with injury	148	66.97%
322 - Vehicle accident with injuries	12	5.43%
323 - Motor vehicle accident (MV/Ped)	1	0.45%
324 - Motor vehicle accident with no injuries.	8	3.62%
412 - Gas leak	2	0.9%
424 - Carbon monoxide incident	1	0.45%
444 - Power line down	1	0.45%
445 - Arcing, shorted electrical equipment	1	0.45%
550 - Public service assistance, Other	7	3.17%
553 - Public Service	3	1.36%
554 - Assist invalid	9	4.07%
611 - Dispatched & canceled en route	10	4.52%
651 - Smoke scare, odor of smoke	1	0.45%
700 - False Alarm	2	0.90%
733 - Smoke detector activation due to malfunction	1	0.45%
745 - Alarm sounded no fire	3	1.36%
	2	1.00%

TALLY REPORT (PROPERTY TYPE):

Code	Total	%
100 - Assembly, other	1	0.45%
162 - Bar or nightclub	1	0.45%
200 - Educational	1	0.45%
400 - Residential, other	5	2.26%
419 - 1 or 2 family dwelling	157	71.04%
429 - Multifamily dwellings	7	3.17%
519 - Food and beverage sales, grocery store	1	0.45%
557 - Barber and Beauty	1	0.45%
579 - Motor vehicle sales	1	0.45%
891 - Warehouse	1	0.45%
960 - Street, other	1	0.45%
961 - Highway or divided highway	9	4.07%
962 - Residential street, road or residential driveway	5	2.26%
963 - Street or road in commercial area	9	4.07%
N/A - Not Specified	19	8.6%

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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 (170)	4.0 min	14.3 min	12.1 min	32.4 min
72 (45)	3.3 min	14.8 min	9.6 min	27.4 min
73 (1)	11.0 min	18.0 min	7.0 min	36.0 min
74 (16)	11.3 min	13.5 min	17.8 min	40.5 min
70 (13)	4.5 min	26.0 min	16.0 min	47.0 min

LOADED MILES:

- MEDIC 71: **426.8 MILES**
- MEDIC 72: **7.1 MILES**
- MEDIC 73: **27.0 MILES**
- MEDIC 74: **115.8 MILES**
- TOTAL LOADED MILES: **576.7 MILES**

OVERLAPPING CALLS:

- 70 CALLS (31.7%)**

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MONROE TOWNSHIP EMS CONTRACT REPORT:

TOTAL NUMBER OF INCIDENTS: **18**

RUN DISPOSITION:

- TREATED/TRANSPORTED: **5 CALL (41.7%)**
- TREATED/TRANSFERRED CARE: **N/A**
- TREATED/NO TRANSPORT (AMA): **N/A**
- TREATED/NO TRANSPORT: **0 CALL (0.0%)**
- NO TRANSPORT/ REFUSED CARE: **0 CALL (0.0%)**
- CANCELED: **0 CALLS (0.0%)**
- DEAD PRIOR TO ARRIVAL: **1 (8.3%)**
- ASSIST: **6 CALLS (50.0%)**
- OTHER: **0 CALL (0.0%)**

RUNS BY PRIMARY IMPRESSION:

- ABDOMINAL PAIN: **1 CALL (8.3%)**
- CVA/STROKE: **1 (8.3%)**
- CHEST PAIN: **1 (8.3%)**
- DYSPNEA: **1 (8.3%)**
- OBVIOUS DEATH: **1 (8.3%)**
- UNKNOWN MEDICAL: **2 (16.7%)**

TRANSPORT DESTINATION:

- OHIO HEALTH MANSFIELD: **5 TRANSPORTS (41.7%)**
- LEFT BLANK: **7 (58.3%)**

DISPATCH MATRIX:

- SUNDAY: **3 CALLS (25.0%)**
- MONDAY: **0 CALLS (0.0%)**
- TUESDAY: **1 CALLS (8.3%)**
- WEDNESDAY: **2 CALLS (16.7%)**
- THURSDAY: **3 CALLS (25.0%)**
- FRIDAY: **1 CALLS (8.3%)**
- SATURDAY: **2 CALL (16.7%)**