

MADISON TOWNSHIP FIRE DEPARTMENT

BUREAU OF TRAINING & EMERGENCY MEDICAL OPERATIONS

EMERGENCY MEDICAL SERVICES REPORT

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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: **220**
- EMS INCIDENTS: **167**
- FIRE INCIDENTS: **53**
- ePCR: **168**

BY BRANCH(EMS):

- DISTRICT 71: **107 INCIDENTS**
- DISTRICT 72: **33 INCIDENTS**
- DISTRICT 73: **0 INCIDENT**
- DISTRICT 74: **22 INCIDENTS**
- OTHER: **6 INCIDENTS**

RUN BY SERVICE LEVEL:

- BLS: **64 INCIDENTS = 38.1%**
- ALS: **102 INCIDENTS= 60.7%**
- ALS2: **2 INCIDENTS- 1.2%**

RUN DISPOSITION:

- TREATED/TRANSPORTED:
 - 121 INCIDENTS = 72.0%**
- TREATED/TRANSFERRED CARE:
 - 0 INCIDENTS = 0.0%**
- TREATED/NO TRANSPORT (AMA):
 - 7 INCIDENTS= 4.2%**
- TREATED/NO TRANSPORT:
 - 4 INCIDENTS = 2.4%**
- NO TRANSPORT/REFUSED:
 - 7 INCIDENTS= 4.2%**
- CANCELED:
 - 4 INCIDENTS= 2.4%**
- DEAD PRIOR TO ARRIVAL:
 - 2 INCIDENTS= 1.2%**
- DEAD AFTER ARRIVAL:
 - 0 INCIDENTS= 0.0%**
- ASSIST:
 - 23 INCIDENTS= 13.7%**

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RUNS BY PRIMARY IMPRESSION:

<u>DESCRIPTION</u>	<u>#</u>	<u>%</u>
Abdominal Pain	10	6.0
Alcohol Abuse with intox.	1	0.6
Allergic Reaction	1	0.6
Alt. Level of Conscious	8	4.8
Anxiety	5	3.0
Asthma Symptoms	1	0.6
Back Pain (no trauma)	4	2.4
Behavioral Disorder	2	1.2
Cva/Stroke	1	0.6
Cardiac Symptoms	5	3.0
Chest Pain	6	3.6
Diabetic Symptoms	3	1.8
Dizziness	5	3.0
Dyspnea-SOB	7	4.2
Flu Symptoms	2	1.2
GI-Bleed	1	0.6
Hypertension	1	0.6
Hypotension	1	0.6
Medication Reaction	1	0.6
Minor / General Injury	7	4.2
Nausea	3	1.8
No Medical Problem	4	2.4
Non-Traumatic Arm Pain	3	1.8
Non-Traumatic Leg Pain	4	2.4
OD - Suspected Opioid		
Overdose - Accidental	2	1.2
OD - Suspected Opioid Overdose		
-Intentional	1	0.6
OD Suspected Overdose - Other Narcotics		
	3	1.8
Obvious Death	2	1.2
Pneumonia Symptoms	1	0.6
Psychiatric Emergency	1	0.6
Seizure	3	1.8
Sepsis	2	1.2
Syncope/Fainting	2	1.2
Trauma Injury	17	10.1
Unknown Medical	3	1.8
Vomiting	2	1.2
Weakness	11	6.5
Left Blank	32	19.0

RUNS BY UNIT:

- MEDIC 71: **19 INCIDENTS**
- MEDIC 73: **106 INCIDENTS**
- MEDIC 74: **39 INCIDENTS**
- UTILITY 71: **2 INCIDENTS**
- MEDIC 72: **2 INCIDENTS**

TRANSPORT DESTINATION FACILITY:

- OHIO HEALTH MANSFIELD
 - 108 PATIENTS (64.3%)**
- AVITA-ONTARIO
 - 12 PATIENTS (7.1%)**
- UH ASHLAND
 - 0 PATIENTS (0.0%)**
- OHIO HEALTH ONTARIO
 - 0 PATIENT (0.0%)**
- OHIO HEALTH SHELBY
 - 1 PATIENTS (0.6%)**

QUALITY ASSURANCE COMPLETED:

- ePCR REVIEWS: **55/170 (32.4%)**
- DR. SPANER: **22 (12.9%)**
- CAPTAIN GREEN: **33 (19.4%)**

RESPONSES(FIRE/EMS):

- NO MUTUAL AID = **189**
- MUTUAL AID RECEIVED = **7**
- AUTO AID RECEIVED = **0**
- MUTUAL AID GIVEN = **11**
- AUTO AID GIVEN = **14**

DISPATCH MATRIX (DAYS):

- SUNDAY = **36 CALLS (15.7%)**
- MONDAY = **54 CALLS (23.5%)**
- TUESDAY = **38 CALLS (16.5%)**
- WEDNESDAY = **19 CALLS (8.3%)**
- THURSDAY = **39 CALLS (17.0%)**
- FRIDAY = **23 CALLS (10.0%)**
- SATURDAY = **19 CALLS (8.3%)**

DISPATCH MATRIX (TIMES):

- 0001-0800: **43 CALLS (19.0%)**
- 0801-1600: **108 CALLS (47.0%)**
- 1601-2400: **69 CALLS (30.0%)**

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TALLY REPORT (INCIDENT TYPE):

Code	Total	%
100 - Fire, other	1	0.45%
111 - Building fire	1	0.45%
131 - Passenger vehicle fire	2	0.90%
150 - Outside rubbish, trash or waste fire	1	0.45%
311 - Medical assist, assist EMS crew	3	1.36%
321 - EMS call, excluding vehicle accident with injury	170	76.92%
322 - Vehicle accident with injuries	4	1.81%
324 - Motor vehicle accident with no injuries.	2	0.9%
444 - Power line down	6	2.71%
550 - Public service assistance, Other	4	1.81%
553 - Public service	2	0.9%
554 - Assist invalid	1	0.45%
611 - Dispatched & canceled en route	12	5.43%
631 - Authorized controlled burning	1	0.45%
651 - Smoke scare, odor of smoke	1	0.45%
700 - False alarm or false call	4	1.81%
740 - Unintentional transmission of alarm	1	0.45%
745 - Alarm system sounded, no fire unintentional	2	0.9%
746 - Carbon monoxide detector activation, no CO	2	0.9%
N/A - Not Specified	1	0.45%

TALLY REPORT (PROPERTY TYPE):

Code	Total	%
000 - Property Use, other	1	0.45%
130 - Places of worship, funeral parlors	1	0.45%
131 - Church, mosque, synagogue, temple, chapel	2	0.9%
161 - Restaurant	2	0.9%
215 - High school/middle school	2	0.9%
311 - 24 hour care Nursing homes, 4 or more persons	1	0.45%
341 - Clinic	1	0.45%
400 - Residential, other	1	0.45%
419 - 1 or 2 family dwelling	163	73.76%
429 - Multifamily dwellings	6	2.71%
449 - Hotel/motel, commercial	1	0.45%
500 - Mercantile, business	1	0.45%
519 - Food and beverage sales, grocery store	1	0.45%
571 - Service station, gas station	1	0.45%
800 - Storage	1	0.45%
881 - Parking garage	1	0.45%
888 - Fire station	2	0.9%
936 - Vacant lot	1	0.45%
960 - Street, other	2	0.9%
961 - Highway or divided highway	3	1.36%
962 - Residential street, road or residential driveway	7	3.17%
963 Street or road in commercial area	2	0.9%
965 - Vehicle parking area	1	
N/A - Not Specified	33	12.55%

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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 (107)	3.5 min	16.3 min	11.6 min	31.9 min
72 (33)	3.8 min	17.7 min	10.1 min	31.2 min
73 (0)	n/a min	n/a min	n/a min	n/a min
74 (22)	12.2 min	16.8 min	18.5 min	46.8 min
70 (6)	8.7 min	22.0 min	10.0 min	41.3 min

LOADED MILES:

- MEDIC 71: **67.4 MILES**
- MEDIC 72: **11.2 MILES**
- MEDIC 73: **377.3 MILES**
- MEDIC 74: **1361.0 MILES**
- TOTAL LOADED MILES: **586.9 MILES**

MONROE TOWNSHIP EMS CONTRACT REPORT:

TOTAL NUMBER OF INCIDENTS: **22**

RUN DISPOSITION:

- TREATED/TRANSPORTED: **11 CALLS (50.0%)**
- 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: **N/A**
- DEAD PRIOR TO ARRIVAL: **N/A**
- ASSIST: **10 CALLS (45.5%)**

RUNS BY PRIMARY IMPRESSION:

- ALT. LEVEL OF CONSCIOUS: **1 CALL (4.5%)**
- BACK PAIN (NO TRAUMA): **1 CALL (4.5%)**
- DYSPNEA (SOB): **3 CALLS (13.6%)**
- MINOR/GENERAL INJURY: **1 CALL (4.5%)**

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- NO MEDICAL PROBLEM: **1 CALL (4.5%)**
- OD- SUSPECTED OPIOID OVERDOSE: **1 CALL (4.5%)**
- SEPSIS: **1 CALL (4.5%)**
- TRAUMA INJURY: **1 CALL (4.5%)**
- WEAKNESS: **1 CALL (4.5%)**
- LEFT BLANK: **10 CALLS (45.5%)**

TRANSPORT DESTINATION:

- OHIO HEALTH MANSFIELD: **10 TRANSPORTS (45.5%)**
- AVITA ONTARIO: **1 TRANSPORTS (4.5%)**
- LEFT BLANK: **11 CALLS (50.0%)**

DISPATCH MATRIX:

- SUNDAY: **0 CALLS (0.0%)**
- MONDAY: **7 CALLS (30.4%)**
- TUESDAY: **7 CALLS (30.4%)**
- WEDNESDAY: **0 CALLS (0.0%)**
- THURSDAY: **3 CALLS (13.0%)**
- FRIDAY: **6 CALLS (26.1%)**
- SATURDAY: **0 CALLS (0.0%)**