

Mukwonago Fire Department Annual Report 2023

www.mukwonagofire.org

Table of Contents

Mission Statement	3
Vision Statement.....	3
Core Values	4
Chief’s Report.....	5
Role of Mukwonago Fire Department Personnel	6
Executive Summary.....	9
Total Number of Incidents/Ave. Number of Responders	9
Fire/ EMS Incidents by District.....	10
Fire/ EMS Mutual Aid Given and Received	11
Fire/ EMS Incident Type	12
Fire/ EMS Incidents Alarm Time Analysis.....	13
Fire/ EMS Incidents by the Day of the Week	14
Emergency Medical Services.....	15
EMS Runs by City.....	15
EMS Calls by Time of Day	16
Primary Role of Ambulance	17
EMS Calls by Destination.....	18
EMS Inter-Facility Transfers	19
Provider Primary Impression	20
2022 CPR Report	23
2022 CPR Expense Report.....	24
Fire/EMS Trainings 2022	25
Engines	41
Aerial Apparatus	42
Specialty Apparatus	42
Water Operations	43
Personnel Vehicles	43
Ambulances.....	44



Mission Statement

It is the mission of the Mukwonago Fire Department to provide a range of programs designed to protect the lives and property of the inhabitants of the Village and Town of Mukwonago from the adverse effects of fire, sudden medical emergencies or exposure to any dangerous condition created by either man or nature.

Vision Statement

The Mukwonago Fire Department will continually strive to exceed our citizen's expectations working within a healthy, safe, and innovative environment that enhances the professional and efficient delivery of emergency services. We also strive to be an organization providing community safety education and information keen to anticipate, influence and embrace change.

Core Values

Integrity – openness, honesty, loyalty, and honor; leading through example to achieve a common goal by actions.

Professional Development – commitment to continually expand the abilities of personnel, encourage continuous education and advancement opportunities as becoming officers.

Accountability – all personnel, management and otherwise providing a level of accountability to each other and the community and the implementation of responsible measuring.

Teamwork – develop and maintain a sense of family camaraderie and loyalty to one another and to the community; provide a sense of help and encouragement for all and by all.

Innovation – progressive, pro-active, modern, open, and creative; open and receptive to all input and feedback

Chief's Report

I appreciate you taking the time to see who we are and what we do. Should you have further questions or are interested in joining this organization you can contact us. We are always looking for additional highly motivated and team-oriented people to join our staff.

2023 was an exciting year. November of 2022 the Town and Village residents approved a referendum that would add six (6) additional fulltime staff to the Mukwonago Fire Department. This would bring the daily staffing level to four (4) full-time staff and the Chief. In addition, two (2)-12 hour Paid on Premise positions were combined to make one (1)-24-hour position seven (7) days a week. Paid on Call staff are utilized from 1800-0600hrs 7 days a week. POC membership is declining nationally and MFD is not immune to this trend. The shortage of available trained individuals, and recruitment of POC/POP staff is becoming an increasing challenge. Of the six new staff three are Firefighter/Critical care Paramedics and three are Firefighter/ EMT- Basics. As of August 2023, we are at full staffing.

Once the full-time staffing was in place Mukwonago Fire Department did a promotional process as part of our reorganization. Three Captains and three Lieutenants were promoted and sworn in December 2023. There will be a Captain and Lieutenant assigned to each shift. This will provide leadership and supervisory guidance to the department and daily operations.

2023 Mukwonago FD continued dispatching services with Waukesha County Communications Center (WCCC). WCCC provides for immediate pre-alerting incidents, followed up with coded emergencies. WCCC provides a dedicated Fire Dispatcher, auto aid and predetermined response plans. MFD total call volume reached 2004 calls for 2023. MFD responded to 70 less EMS calls, 42 fewer inter-facility transports and 1 more Fire requests, overall, 5.2% decrease in call volume.

Mukwonago Fire Department took delivery of two new Chevrolet Tahoe's. One was designated for a new Paramedic Intercept vehicle and the other a Battalion Command vehicle.

Annually, we examine our operations, we have taken an emphasis on transitional firefighting, predicting fire flow, working with minimal staffing models. Several departments continue to hire full-time staff and we saw several staff be hired full-time in other departments. The part-time model is becoming increasingly outdated and unreliable.

The 2019 Mukwonago Fire Department Study examined administration, staffing, operations, future growth, and needs. There were 43 criteria and recommendations from this study. As of the end of 2023 36 of those 43 recommendations have been completed. There are some that will not be achievable without the investment financially, such as sleeping quarters and 24-hour staffing at the Town of Mukwonago station and becoming a less revenue-based agency. State Shared Revenue increase designated to fire, EMS, police, public works, and roads has provided an opportunity to lessen the burden but discussion with the respective Town and Village Boards needs begin.

Everyone is welcome at any time to stop in, meet your firefighters, and look at your apparatus. As well as responding to calls, members have spent numerous hours in training and education to keep their skills at top levels. Enjoy the following more detailed information in the following pages.

Respectfull,
Jeffrey R. Stien
Fire Chief

Role of Mukwonago Fire Department Personnel

Save life, Protect Property, Render Assistance... IN ADDITION...

The role of today's fire department personnel is quite different from that of years past. The fire service is constantly changing to meet the needs of the community under ever changing times.

Mukwonago Fire Department Personnel need to possess certain attributes to be successful in the role of Firefighter/EMT's: commitment, dedication, integrity, confidence, resilience, adaptability, effective communication skills.

A common image of the firefighter is that of fighting fires. The reality is this is a small fraction of the role. Personnel are cross trained in firefighting and EMS skills. This is effective utilization of the limited number of personnel on the Mukwonago Fire Department. Fire and EMS personnel function in a multi-faceted role within these common areas:

Prevention

Bi-annual inspections and education activities that prevent fire, aid in rapid extinguishment, or limit the loss of life and property.

- Business, school, residential facility, and home safety inspections
- Education presentations in daycare facilities and schools
- Facility tours
- Open house and other public relations activities to enhance the public's perception of the Mukwonago Fire Department.
- Maintain excellent working relationships with other local departments such as the Police and Department of Public Works.
- State Statute mandates annual and bi-annual fire inspections for specific types of occupancies, commercial, residential

Preparation

Maintaining all aspects of the Mukwonago Fire Department and its Personnel in a state of readiness.

- Routine apparatus and equipment check – observing and checking for needed repairs, replacement, expirations, and deficiencies.
- Cleaning – apparatus and equipment will last longer and function more effectively. Station cleaning is also important

in preparation should the need to open our doors for displaced members of the community.

- Personnel ensuring their own fitness levels are such that they are prepared for the physically and mentally demanding work.
- In house training monthly for EMT's, Paramedics, Fire Department, Duty Company, and Dive Team.
- External training at WCTC, Gateway Technical College, seminars, or other experiential opportunities to further the knowledge of Mukwonago Fire Department Personnel and to stay current with ever changing technologies.
- Perform administration duties related to records and documentation, thus promoting an overall efficient operation of the Mukwonago Fire Department.

Protection

Programs in place to protect Mukwonago Fire Department Personnel and the community in the event of an emergency.

- Vaccinations against influenza, scheduled personal protective equipment inspections and routine cleaning.
- Annual SCBA flow and fit tests
- Annual apparatus pump testing, ladder testing and hose testing
- Fire Code and ordinance enforcement.
- New turnout gear with Cancer barrier

Response

Putting necessary items into place to expedite the response of Mukwonago Fire Department in the event of an emergency, and safely mitigate any incident.

- Driver training and education regarding safe and prompt responses.
- Familiarizing all personnel with the Mukwonago community.
- Familiarizing personnel in the use of GPS units in all apparatus.
- Being prepared for incidents that not only involve fire and medical emergencies but also:
 - Motor vehicle accidents
 - Hazardous materials leaks
 - Railroad incidents
 - Water and Ice emergencies
 - Natural disasters
 - Any other response for which requested.
- Operate apparatus such as engines, aerial devices, water tenders, trailers, ambulances, and support vehicles within the vehicle's design parameters so that the apparatus is used safely and effectively.

- Responsible for all firefighting duties involved in the incident necessary to save lives and property, combat, extinguish and/or prevent fires.
- Effectively perform these duties as required under emergency conditions frequently involving considerable hazards.
- Provide medical assistance and administer medical procedures to stabilize a patient's condition and prepare them for transport to medical care facilities.
- Safely perform rescue operations for the victim and rescue personnel.

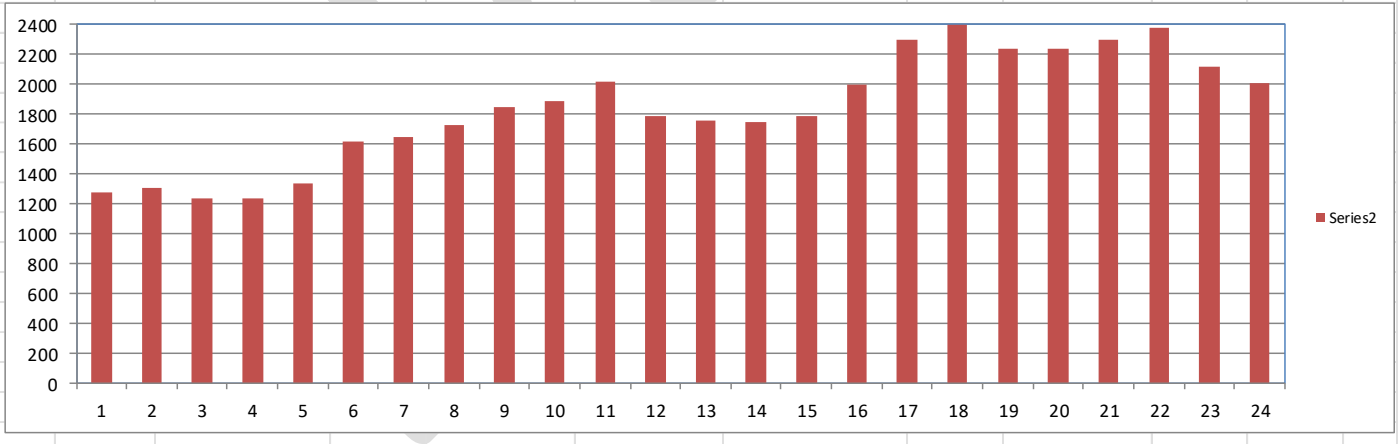
DRAFT

Executive Summary

Number of Annual Fire and EMS Calls Per Year

Year	Total	Total % Change	EMS	EMS % Change	Transfers	Transfer % Change	Fire	Fire % Change
2000	1277	0.0			0			
2001	1312	2.7			0	0.0		
2002	1239	-5.6			0	0.0		
2003	1241	0.2			0	0.0		
2004	1342	8.1			0	0.0		
2005	1615	20.3			0	0.0		
2006	1646	1.9	1361		0	0.0	285	
2007	1730	5.1	1426	4.8	0	0.0	304	6.7
2008	1845	6.6	1537	7.8	0	0.0	308	1.3
2009	1883	2.1	1625	5.7	0	0.0	258	-16.2
2010	2015	7.0	1694	4.2	0	0.0	321	24.4
2011	1791	-11.1	1563	-7.7	0	0.0	228	-29.0
2012	1756	-2.0	1508	-3.5	0	0.0	248	8.8
2013	1745	-0.6	1497	-0.7	0	0.0	248	0.0
2014	1784	2.2	1531	2.3	0	0.0	253	2.0
2015	1998	12.0	1357	-11.4	362	0.0	279	10.3
2016	2298	15.0	1206	-11.1	814	124.9	278	-0.4
2017	2399	4.4	1246	3.3	871	7.0	282	1.4
2018	2241	-6.6	1218	-2.2	776	-10.9	247	-12.4
2019	2234	-0.3	1241	1.9	729	-6.1	264	6.9
2020	2302	3.0	1282	3.3	781	7.1	239	-9.5
2021	2377	3.3	1327	3.5	768	-1.7	282	18.0
2022	2115	-11.0	1315	-0.9	494	-35.7	306	8.5
2023	2004	-5.2	1245	-5.3	452	-8.5	307	0.3
% Inc.	65.62							

Inter-Facilities 07-06-15



Total Number of Incidents/Ave. Number of Responders

Agency Name	Total Number of Incidents	Total Number of Responders	Average
Mukwonago Fire Department	2,002	6,113	3.05

Fire/ EMS Incidents by District

Basic Incident Zone/District	Number of Incidents
*NA	24
Big Bend	7
Delevan Fire Department	1
East Troy Fire / EMS	180
Elkhorn FD	1
Kettle Moraine Fire District	110
Lake Country	3
MUF01- Village	857
MUF02- Village	491
MUF03- Town	92
MUF04- Town	126
MUF05- Town	75
Other	6
Palmyra Fire Department	1
Pewaukee Fire Department	1
Tichigan FD	1
Vernon	12
Waterford FD	2
Village of Waukesha	12
Total	2002

Fire/ EMS Mutual Aid Given and Received

Mutual Aid Given			Mutual Aid Received		
FDID	Basic Incident Type Code And Description (FD1.21)	Number of Incidents		Basic Incident Type Code And Description (FD1.21)	Number of Incidents
51030	111 - Building fire	1		111 - Building fire	5
51030	361 - Swimming/recreational water areas rescue	1		116 - Fuel burner/boiler malfunction, fire confined	1
51080	111 - Building fire	1		311 - Medical assist, assist EMS crew	8
64050	111 - Building fire	1		321 - EMS call, excluding vehicle accident with injury	9
64090	111 - Building fire	1		322 - Motor vehicle accident with injuries	7
64100	111 - Building fire	1		324 - Motor vehicle accident with no injuries.	3
64110	571 - Cover assignment, standby, moveup	1		341 - Search for person on land	2
64130	111 - Building fire	2		421 - Chemical hazard (no spill or leak)	1
64130	321 - EMS call, excluding vehicle accident with injury	5		531 - Smoke or odor removal	1
64130	3213 - Intercept	151		611 - Dispatched and cancelled en route	1
67080	111 - Building fire	4			
				Total	38
67080	321 - EMS call, excluding vehicle accident with injury	2			
67080	322 - Motor vehicle accident with injuries	2			
67080	444 - Power line down	1			
67080	611 - Dispatched and cancelled en route	1			
67130	111 - Building fire	2			
67130	321 - EMS call, excluding vehicle accident with injury	1			
67210	111 - Building fire	1			
67270	571 - Cover assignment, standby, moveup	1			
67340	111 - Building fire	2			
67360	3213 - Intercept	3			
67370	111 - Building fire	2			
67370	321 - EMS call, excluding vehicle accident with injury	10			
67370	3213 - Intercept	66			
67370	412 - Gas leak (natural gas or LPG)	1			
67370	611 - Dispatched and cancelled en route	1			
	Total	265			

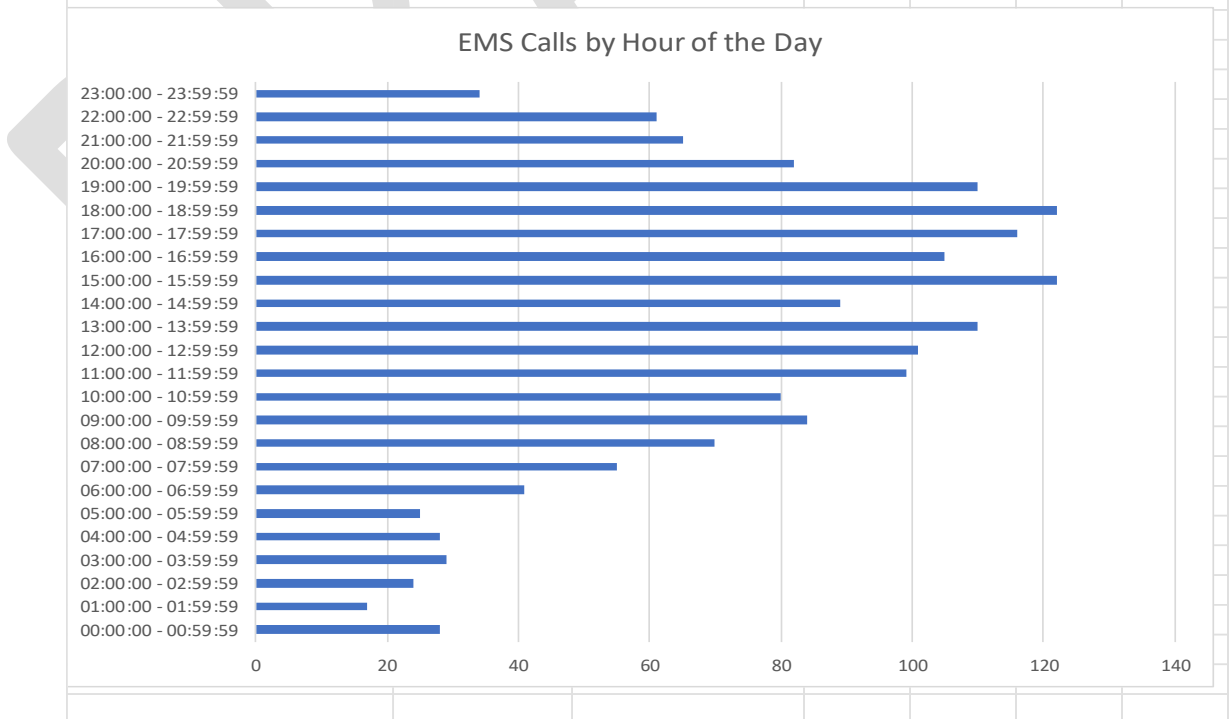
Mutual aid requests are made when additional resources or staffing are needed. Exceeding the current resources or when there is no staffing to handle the call due to being on multiple or other calls. Mukwonago FD is part of MABAS Division 106. The mutual aid requests listed above include both fire and EMS.

Fire/ EMS Incident Type

Incident Type Category (FD1.21)	Basic Incident Type Code And Description (FD1.21)	Total Incidents	Total Incidents Percent of Incidents	Total Property Loss	Total Content Loss	Total Loss	Total Loss Percent of Total
1 - Fire	100 - Fire, other	1	0.05%	0	15,000	15,000	1.79%
1 - Fire	111 - Building fire	24	1.20%	679,400	113,000	792,400	94.49%
1 - Fire	112 - Fires in structure other than in a building	2	0.10%	2,000	0	2,000	0.24%
1 - Fire	113 - Cooking fire, confined to container	1	0.05%				
1 - Fire	114 - Chimney or flue fire, confined to chimney or flue	1	0.05%				
1 - Fire	116 - Fuel burner/boiler malfunction, fire confined	1	0.05%	1,000	1,000	2,000	0.24%
1 - Fire	131 - Passenger vehicle fire	1	0.05%	25,000	1,500	26,500	3.16%
1 - Fire	142 - Brush or brush-and-grass mixture fire	1	0.05%	0	0	0	0%
1 - Fire	151 - Outside rubbish, trash or waste fire	1	0.05%	250	0	250	0.03%
1 - Fire	154 - Dumpster or other outside trash receptacle fire	1	0.05%				
3 - Rescue & Emergency Medical Service Incident	311 - Medical assist, assist EMS crew	8	0.40%				
3 - Rescue & Emergency Medical Service Incident	321 - EMS call, excluding vehicle accident with injury	861	43.01%				
3 - Rescue & Emergency Medical Service Incident	3212 - Interfacility Transfer	473	23.63%				
3 - Rescue & Emergency Medical Service Incident	3213 - Intercept	221	11.04%				
3 - Rescue & Emergency Medical Service Incident	322 - Motor vehicle accident with injuries	33	1.65%				
3 - Rescue & Emergency Medical Service Incident	323 - Motor vehicle/pedestrian accident (MV Ped)	1	0.05%				
3 - Rescue & Emergency Medical Service Incident	324 - Motor vehicle accident with no injuries.	22	1.10%				
3 - Rescue & Emergency Medical Service Incident	341 - Search for person on land	3	0.15%				
3 - Rescue & Emergency Medical Service Incident	353 - Removal of victim(s) from stalled elevator	1	0.05%				
3 - Rescue & Emergency Medical Service Incident	361 - Swimming/recreational water areas rescue	1	0.05%				
3 - Rescue & Emergency Medical Service Incident	365 - Watercraft rescue	1	0.05%				
4 - Hazardous Condition (No Fire)	410 - Combustible/flammable gas/liquid condition, other	1	0.05%				
4 - Hazardous Condition (No Fire)	411 - Gasoline or other flammable liquid spill	4	0.20%				
4 - Hazardous Condition (No Fire)	412 - Gas leak (natural gas or LPG)	8	0.40%				
4 - Hazardous Condition (No Fire)	421 - Chemical hazard (no spill or leak)	1	0.05%				
4 - Hazardous Condition (No Fire)	424 - Carbon monoxide incident	1	0.05%				
4 - Hazardous Condition (No Fire)	440 - Electrical wiring/equipment problem, other	5	0.25%				
4 - Hazardous Condition (No Fire)	442 - Overheated motor	1	0.05%				
4 - Hazardous Condition (No Fire)	444 - Power line down	17	0.85%				
4 - Hazardous Condition (No Fire)	445 - Arcing, shorted electrical equipment	1	0.05%				
4 - Hazardous Condition (No Fire)	463 - Vehicle accident, general cleanup	4	0.20%				
5 - Service Call	500 - Service call, other	5	0.25%				
5 - Service Call	511 - Lock-out	3	0.15%				
5 - Service Call	522 - Water or steam leak	1	0.05%				
5 - Service Call	531 - Smoke or odor removal	1	0.05%				
5 - Service Call	542 - Animal rescue	1	0.05%				
5 - Service Call	550 - Public service assistance, other	2	0.10%				
5 - Service Call	551 - Assist police or other governmental agency	3	0.15%				
5 - Service Call	553 - Public service	2	0.10%				
5 - Service Call	561 - Unauthorized burning	1	0.05%				
5 - Service Call	571 - Cover assignment, standby, moveup	6	0.30%				
6 - Good Intent Call	611 - Dispatched and cancelled en route	154	7.69%				
6 - Good Intent Call	622 - No incident found on arrival at dispatch address	16	0.80%				
6 - Good Intent Call	631 - Authorized controlled burning	1	0.05%				
6 - Good Intent Call	651 - Smoke scare, odor of smoke	11	0.55%	500	0	500	0.06%
6 - Good Intent Call	652 - Steam, vapor, fog or dust thought to be smoke	1	0.05%				
6 - Good Intent Call	671 - HazMat release investigation w/no HazMat	1	0.05%				
7 - False Alarm & False Call	733 - Smoke detector activation due to malfunction	11	0.55%				
7 - False Alarm & False Call	735 - Alarm system sounded due to malfunction	9	0.45%				
7 - False Alarm & False Call	736 - CO detector activation due to malfunction	7	0.35%				
7 - False Alarm & False Call	740 - Unintentional transmission of alarm, other	2	0.10%				
7 - False Alarm & False Call	741 - Sprinkler activation, no fire - unintentional	2	0.10%				
7 - False Alarm & False Call	743 - Smoke detector activation, no fire - unintentional	6	0.30%				
7 - False Alarm & False Call	744 - Detector activation, no fire - unintentional	1	0.05%				
7 - False Alarm & False Call	745 - Alarm system activation, no fire - unintentional	47	2.35%				
7 - False Alarm & False Call	746 - Carbon monoxide detector activation, no CO	3	0.15%				
8 - Severe Weather & Natural Disaster	813 - Wind storm, tornado/hurricane assessment	3	0.15%				
Total		2002		1 \$ 708,150.00	\$ 130,500.00	\$ 838,650.00	1

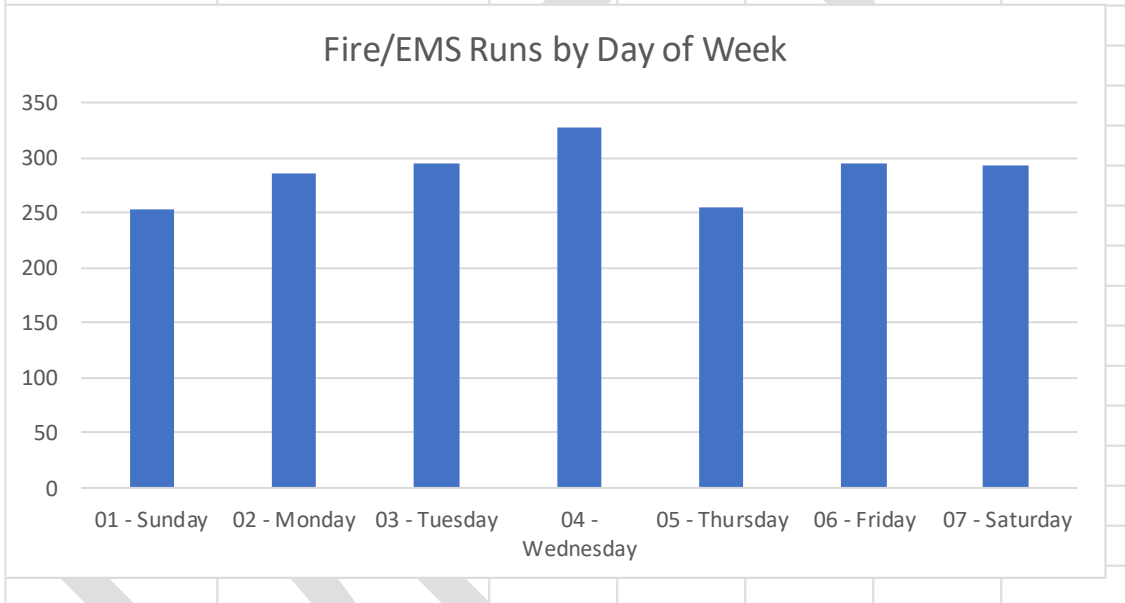
Fire/ EMS Incidents Alarm Time Analysis

Incident Hour Range Of Day 24	Number of Runs	Percent of Total Runs
00:00:00 - 00:59:59	28	1.65%
01:00:00 - 01:59:59	17	1.00%
02:00:00 - 02:59:59	24	1.41%
03:00:00 - 03:59:59	29	1.71%
04:00:00 - 04:59:59	28	1.65%
05:00:00 - 05:59:59	25	1.47%
06:00:00 - 06:59:59	41	2.42%
07:00:00 - 07:59:59	55	3.24%
08:00:00 - 08:59:59	70	4.12%
09:00:00 - 09:59:59	84	4.95%
10:00:00 - 10:59:59	80	4.71%
11:00:00 - 11:59:59	99	5.83%
12:00:00 - 12:59:59	101	5.95%
13:00:00 - 13:59:59	110	6.48%
14:00:00 - 14:59:59	89	5.24%
15:00:00 - 15:59:59	122	7.19%
16:00:00 - 16:59:59	105	6.19%
17:00:00 - 17:59:59	116	6.84%
18:00:00 - 18:59:59	122	7.19%
19:00:00 - 19:59:59	110	6.48%
20:00:00 - 20:59:59	82	4.83%
21:00:00 - 21:59:59	65	3.83%
22:00:00 - 22:59:59	61	3.59%
23:00:00 - 23:59:59	34	2.00%
Total	1697	100%



Fire/ EMS Incidents by the Day of the Week

Day of Week	Number of Incidents
01 - Sunday	253
02 - Monday	286
03 - Tuesday	294
04 - Wednesday	327
05 - Thursday	255
06 - Friday	295
07 - Saturday	292
Total	2002



Emergency Medical Services

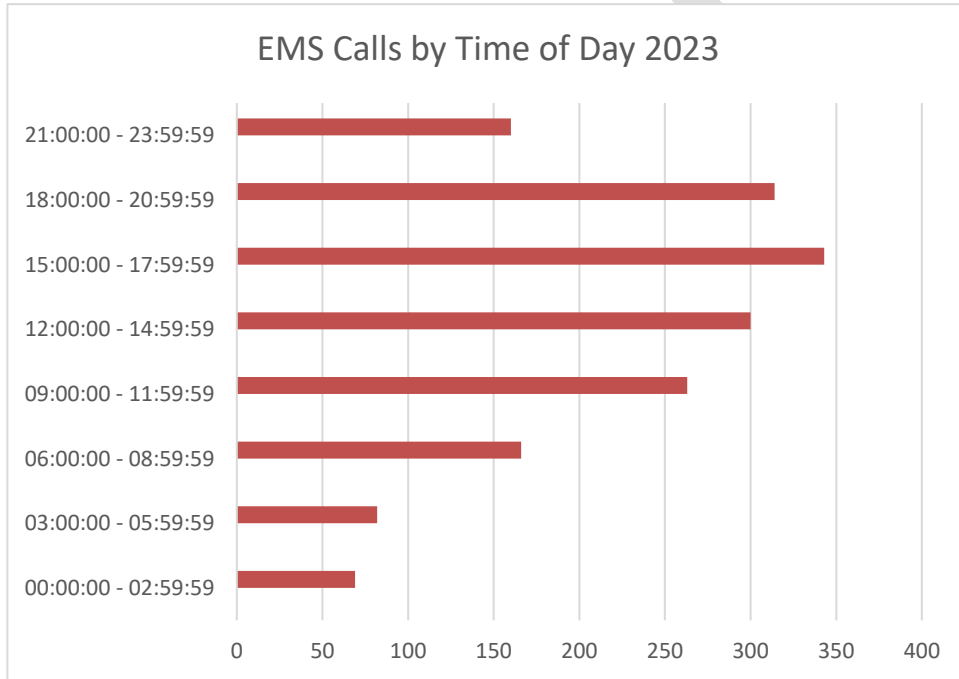


EMS Runs by City

EMS Incident by City Name	Number of Runs	Percent of Total Runs
Village of Mukwonago	1,186	69.89%
Town of Mukwonago	221	13.02%
East Troy	161	9.49%
Eagle	77	4.54%
	20	1.18%
Village of North Prairie	20	1.18%
Village of Big Bend	6	0.35%
Village of Vernon	5	0.29%
City of Oconomowoc	1	0.06%
Total	1,697	100%

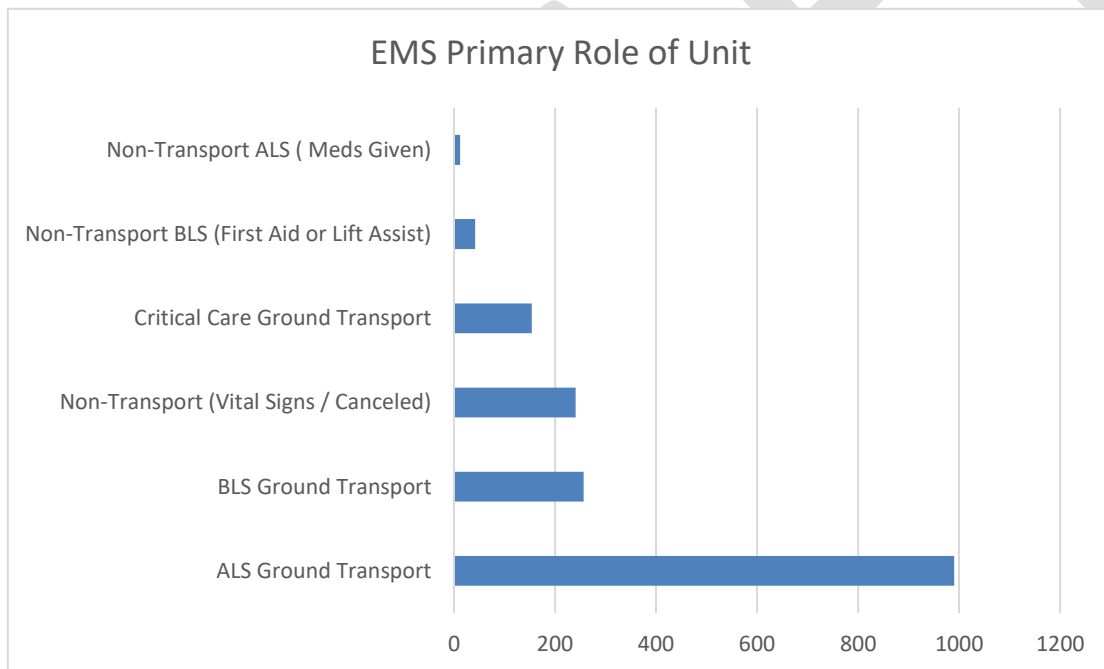
EMS Calls by Time of Day

Time of Day	EMS Incidents
00:00:00 - 02:59:59	69
03:00:00 - 05:59:59	82
06:00:00 - 08:59:59	166
09:00:00 - 11:59:59	263
12:00:00 - 14:59:59	300
15:00:00 - 17:59:59	343
18:00:00 - 20:59:59	314
21:00:00 - 23:59:59	160
Total	1697



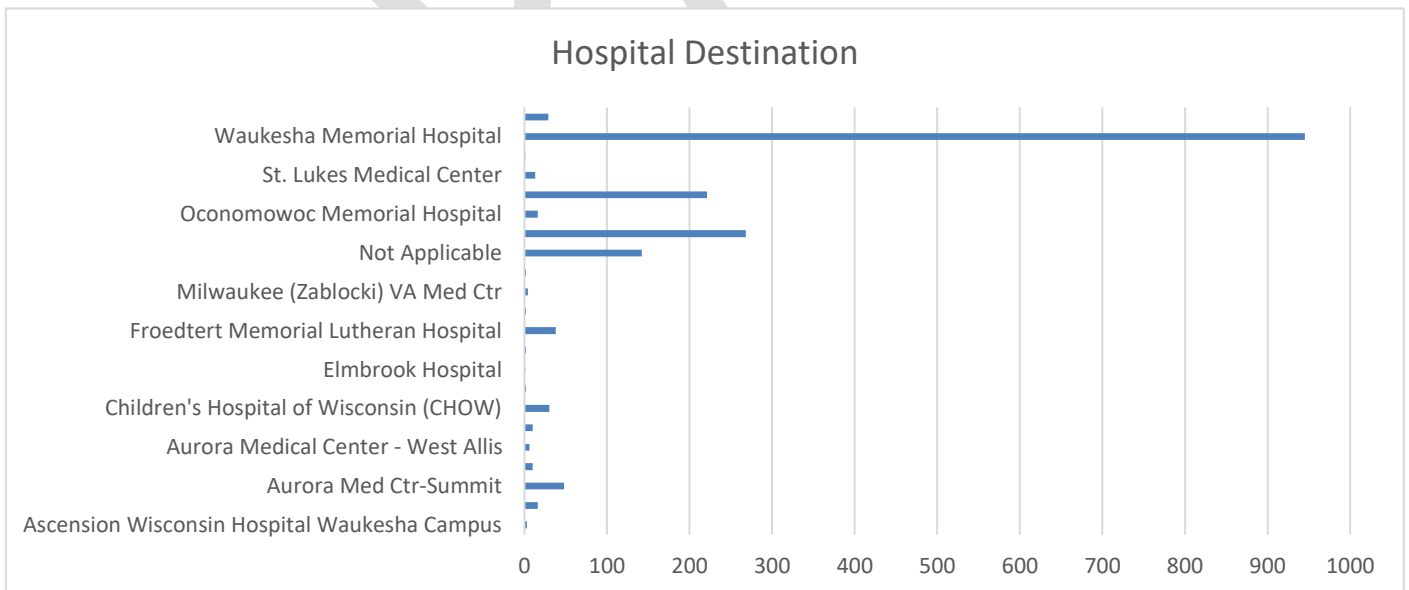
Primary Role of Ambulance

Response Primary Role Of Unit	Number of Runs	Percent of Total Runs
ALS Ground Transport	990	58.34%
BLS Ground Transport	257	15.14%
Non-Transport (Vital Signs / Canceled)	241	14.20%
Critical Care Ground Transport	154	9.07%
Non-Transport BLS (First Aid or Lift Assist)	42	2.47%
Non-Transport ALS (Meds Given)	12	0.71%
	1	0.06%
Total	1,697	100%



EMS Calls by Destination

Disposition Destination Name	Destination Code	Number of Runs	Percent of Total Runs
		59	3.48%
Aurora Lakeland Medical Center	132	24	1.41%
Aurora Med Ctr-Summit	316	67	3.95%
Aurora Medical Center - West Allis	149	6	0.35%
Aurora Mem Hosp of Burlington	14	8	0.47%
Children's Hospital of Wisconsin (CHOW)	135	27	1.59%
Elmbrook Hospital	262	6	0.35%
Froedtert Memorial Lutheran Hospital	232	32	1.89%
Mercy Walworth Hospital and Medical Center	6023	1	0.06%
Milwaukee (Zablocki) VA Med Ctr	125503	4	0.24%
Mooreland Reserve- New Berlin	327	11	0.65%
Not Applicable		186	10.96%
Not Transported	6024	125	7.37%
Oconomowoc Memorial Hospital	113	9	0.53%
Prohealth Waukesha Memorial Hosp-Mukwonago	337	203	11.96%
St. Lukes Medical Center	160	14	0.82%
Waukesha Memorial Hospital	41	915	53.92%
Total		1697	100%



EMS Inter-Facility Transfers

	2018		2019		2020		2021		2022		2023	
Transfers	Admits	Transfers	Admits	Transfers	Admits	Transfers	Admits	Transfers	Admits	Transfers	Admits	Transfers
13	106	10	94	8	100	13	102	10	108	13	63	9
6	78	8	100	12	112	12	96	5	67	4	73	5
13	90	9	98	9	97	9	110	7	74	5	73	4
12	100	14	115	17	88	9	107	3	72	4	66	6
9	96	8	118	19	92	4	101	9	91	1	77	2
15	93	5	99	10	114	9	109	8	83	4	82	5
8	116	12	84	19	121	5	122	7	89	5	83	4
9	90	10	103	6	111	6	119	8	79	6	73	6
10	93	8	109	10	126	8	120	9	69	8	62	3
11	95	9	98	10	119	5	133	7	82	7	64	1
10	89	10	109	13	115	10	121	17	73	18	74	9
13	108	15	124	17	105	12	156	20	90	9	74	4
129	1154	118	1251	150	1300	102	1396	110	977	84	864	58
1224		1272		1401		1402		1506		1061		922
4.17		3.92		10.14		0.07		7.42		-29.55		-13.10
871		776		729		781		768		494		452
71.16		61.01		52.03		55.71		51.00		46.56		49.02

ProHealth Care (PHC) provided the number of admission (PHC to PHC facility) and transfer (PHC to other than PHC facility) requests related to the Mukwonago ER. The total numbers include any inter-facility transport request. This includes other than a ProHealth Care facility. The percentage transported by Mukwonago FD declined since in 2022 the hospital beds were opened, and patients were being taken for extended observation on a floor.

Provider Primary Impression

Situation Provider Primary Impression	Number of Runs	Percent of Total Runs
	181	10.67%
History of falling (Z91.81)	106	6.25%
Chest pain, unspecified (R07.9)	62	3.65%
Syncope and collapse (R55)	59	3.48%
Weakness (R53.1)	59	3.48%
Infection (Unknown Source) (A31)	52	3.06%
Cardiac arrhythmia, unspecified (I49.9)	50	2.95%
Acute pain, not elsewhere classified (G89.1)	47	2.77%
Acute abdomen (R10.0)	41	2.42%
Generalized abdominal pain (R10.84)	41	2.42%
Altered mental status, unspecified (R41.82)	36	2.12%
Acute respiratory distress syndrome (J80)	35	2.06%
Pneumonia, unspecified organism (J18.9)	34	2.00%
Dizziness and giddiness (R42)	29	1.71%
GI Bleed (K29.71)	28	1.65%
Urinary Tract Infection (UTI) (N39.0)	28	1.65%
Not Applicable	27	1.59%
Cardiac arrest, cause unspecified (I46.9)	24	1.41%
Overdose/Drug Ingestion (itICD.047)	24	1.41%
Unspecified injury of head (S09.90)	23	1.36%
Cardiac arrhythmia/dysrhythmia (I49.9)	21	1.24%
Repeated falls (R29.6)	21	1.24%
Unspecified injury of hip (S79.91)	19	1.12%
Heart failure, unspecified (I50.9)	18	1.06%
Cerebral infarction, unspecified (I63.9)	17	1.00%
Dorsalgia, unspecified (M54.9)	17	1.00%
Non-ST elevation (NSTEMI) myocardial infarction (I21.4)	17	1.00%
Sepsis, unspecified organism (A41.9)	17	1.00%
Epilepsy, unspecified, not intractable, without status epilepticus (G40.909)	16	0.94%
Injury of hip (S79.91)	16	0.94%
Chest Pain, Other [non-cardiac] (R07.89)	15	0.88%
Altered mental status (R41.82)	14	0.82%
Respiratory distress, acute (J80)	14	0.82%
Stroke (I63.9)	14	0.82%
Chronic obstructive pulmonary disease with (acute) exacerbation (J44.1)	13	0.77%
Unspecified injury of wrist, hand and finger(s) (S69.9)	13	0.77%
Cardiac Chest Pain (STEMI) Inferior wall (I21.1)	12	0.71%
Mental disorder, not otherwise specified (F99)	12	0.71%

2023 Annual Report Mukwonago Fire Department

Alcohol use, unspecified with intoxication (F10.92)	11	0.65%
Hypotension, unspecified (I95.9)	11	0.65%
Pneumonia, unspecified (J18.9)	11	0.65%
Respiratory disorder, unspecified (J98.9)	11	0.65%
Unspecified injury of lower leg (S89.9)	11	0.65%
Angina pectoris, unspecified (I20.9)	10	0.59%
Cardiac Arrest (I46.9)	10	0.59%
Pulmonary embolism (I26)	10	0.59%
Seizures without status epilepticus (G40.909)	10	0.59%
Allergy, unspecified (T78.40)	9	0.53%
Fever, unspecified (R50.9)	9	0.53%
Headache (R51)	8	0.47%
Nausea and vomiting (R11)	8	0.47%
Nontraumatic intracranial hemorrhage, unspecified (I62.9)	8	0.47%
Cardiac Chest Pain (STEMI) Anterior wall (I21.0)	7	0.41%
Epilepsy, unspecified, not intractable, with status epilepticus (G40.901)	7	0.41%
Hypoglycemia, unspecified (E16.2)	7	0.41%
Injury of head (S09.90)	7	0.41%
Other specified diabetes mellitus with hyperglycemia (E13.65)	7	0.41%
Unspecified injury of face (S09.93)	7	0.41%
Unspecified injury of shoulder and upper arm (S49.9)	7	0.41%
Back Pain (M54.9)	6	0.35%
Behavioral / psychiatric disorder (F99)	6	0.35%
COPD with exacerbation (J44.1)	6	0.35%
Epistaxis (Nose Bleed) (R04.0)	6	0.35%
Respiratory failure, unspecified (J96.9)	6	0.35%
Septicemia (1); or Sepsis (2) (A41.9)	6	0.35%
Unspecified injury of neck (S19.9)	6	0.35%
Alcohol dependence with withdrawal, unspecified (F10.239)	5	0.29%
CHF (I50.9)	5	0.29%
Dehydration (E86.0)	5	0.29%
Diabetes with hyperglycemia (1); or Hyperglycemia-Diabetes (2) (E13.65)	5	0.29%
Hypotension (I95.9)	5	0.29%
Injury, unspecified (T14.90)	5	0.29%
Sedative, hypnotic, or anxiolytic related disorders (F13)	5	0.29%
Transient cerebral ischemic attack, unspecified (G45.9)	5	0.29%
Unspecified injury of ankle (S99.91)	5	0.29%
Unspecified injury of forearm (S59.91)	5	0.29%
Abnormal uterine and vaginal bleeding, unspecified (N93.9)	4	0.24%
Alcohol use, unspecified (F10.9)	4	0.24%
Angina (1); or Ischemic chest pain (2) (I20.9)	4	0.24%
Choking (itICD.046)	4	0.24%
Injury of lower leg (S89.9)	4	0.24%

2023 Annual Report Mukwonago Fire Department

Injury of thorax (upper chest) (S29.9)	4	0.24%
Neoplasms of unspecified behavior (D49)	4	0.24%
Pneumothorax, unspecified (J93.9)	4	0.24%
Traumatic subdural hemorrhage (S06.5)	4	0.24%
Anemia, unspecified (D64.9)	3	0.18%
Cardiac Chest Pain (STEMI) other sites (I21.2)	3	0.18%
Chronic pain, not elsewhere classified (G89.2)	3	0.18%
Fever (R50.9)	3	0.18%
Functional diarrhea (K59.1)	3	0.18%
Hypertension (I10)	3	0.18%
Influenza, unspecified (Flu) (J11)	3	0.18%
Injury of face (S09.93)	3	0.18%
Nausea with vomiting, unspecified (R11.2)	3	0.18%
Other specified diabetes mellitus with hypoglycemia (E13.64)	3	0.18%
Suicide attempt (T14.91)	3	0.18%
Unspecified asthma with (acute) exacerbation (J45.901)	3	0.18%
Unspecified injury of lower back (S39.92)	3	0.18%
Acute pulmonary edema (J81.0)	2	0.12%
Anaphylactic shock, unspecified (T78.2)	2	0.12%
Asthma with exacerbation (J45.901)	2	0.12%
Constipation (K59.00)	2	0.12%
Constipation, unspecified (K59.00)	2	0.12%
Diabetes with hypoglycemia (1); or Hypoglycemia-Diabetes (2) (E13.64)	2	0.12%
Esophageal obstruction (K22.2)	2	0.12%
Gunshot (itICD.048)	2	0.12%
Hallucinogen related disorders (F16)	2	0.12%
Heat exhaustion, unspecified (T67.5)	2	0.12%
Hyperkalemia (E87.5)	2	0.12%
Injury of forearm (S59.91)	2	0.12%
Injury of lower back (S39.92)	2	0.12%
Injury of neck (S19.9)	2	0.12%
Injury of shoulder or upper arm (S49.9)	2	0.12%
Injury of thigh (upper leg) (S79.92)	2	0.12%
Not Recorded	2	0.12%
Primary inadequate contractions (O62.0)	2	0.12%
Unspecified injury of abdomen (S39.91)	2	0.12%
Unspecified injury of thigh (S79.92)	2	0.12%
Unspecified visual disturbance (H53.9)	2	0.12%
Abdominal aortic aneurysm, ruptured (I71.3)	1	0.06%
Acute bronchitis, unspecified (J20.9)	1	0.06%
Acute bronchospasm (J98.01)	1	0.06%
Acute epiglottitis (J05.1)	1	0.06%
Acute obstructive laryngitis [croup] (J05.0)	1	0.06%

2023 Annual Report Mukwonago Fire Department

Altitude Sickness (T70.29)	1	0.06%
Angina, unstable (I20.0)	1	0.06%
Appendicitis, acute (K35.80)	1	0.06%
Cancer, unspecified (D49)	1	0.06%
Cardiac Chest Pain (STEMI) Septal Wall (itICD.077)	1	0.06%
Cardiac tamponade (I31.4)	1	0.06%
Essential (primary) hypertension (I10)	1	0.06%
GERD (K21)	1	0.06%
Hematemesis (K92.0)	1	0.06%
Injury of ankle (S99.91)	1	0.06%
Injury of elbow (S59.90)	1	0.06%
Injury of eye and orbit (S05)	1	0.06%
Injury of foot (S99.92)	1	0.06%
Injury of pelvis (S39.93)	1	0.06%
Ocular pain, unspecified eye (H57.10)	1	0.06%
Other specified disorders of teeth and supporting structures (K08.8)	1	0.06%
Paraplegia (G82.20)	1	0.06%
Pelvic and perineal pain (R10.2)	1	0.06%
Respiratory distress of newborn (P22)	1	0.06%
Respiratory syncytial virus as the cause of diseases classified elsewhere (B97.4)	1	0.06%
RSV (B97.4)	1	0.06%
TIA (G45.9)	1	0.06%
Unspecified acute appendicitis (K35.80)	1	0.06%
Unspecified injury of elbow (S59.90)	1	0.06%
Unspecified injury of thorax (S29.9)	1	0.06%
Total	1697	100%

2023 CPR Report

The CPR program at the Mukwonago Fire Department has continued to provide Mukwonago Fire Department personnel and the public the opportunity to become CPR certified. The CPR program at MFD has continued to adapt to the needs of MFD and the community by providing both in-person classes and hands on checkoffs for online courses.

For the 2023 year we taught 10 CPR classes, with a total number of 33 students. 7 of those students were MFD personnel. The classes for MFD personnel are primarily taught while the personnel are on shift. This saves time and money for both the department and the student.

The program had multiple expenses over the course of the year. MFD purchased 24 online courses at a cost of \$816 to provide to MFD personnel. This year, after having significant struggles with our old DVD we replaced our CPR video at the cost of \$209. The video we upgraded to will no longer be DVD style and so we will no longer need a DVD player to run the course. Overall, we had a financial difference of negative \$583, for the 2023 year.

The Mukwonago Fire Department

CPR Program

1111 Fox Street

Mukwonago, WI 53149

Phone: (262) 363-6426

Email: learncpr@mukwonagofire.org

2022 CPR Expense Report

Healthcare Provider 3 Hours		Instructors: \$30/hour							
Heartsaver CPR/AED: 5 hours									
Heartsaver CPR/AED/First Aid: 9 hours									
Online Check offs 2 hours									
AHA BLS						AHA BLS online Check off			
Date	Students	Instructor	Deposits	Withdrawals	Date	Students	Instructor	Deposits	Withdrawals
			\$0.00	\$0.00	3-Apr	2	On shift	\$0.00	\$0.00
			\$0.00	\$0.00	8-Apr	1	On shift	\$25.00	\$0.00
			\$0.00	\$0.00	30-Jun	1	On shift	\$25.00	\$0.00
			\$0.00	\$0.00	6-Aug	2	On shift	\$6.00	\$0.00
			\$0.00	\$0.00	19-Sep	1	On shift	\$0.00	\$0.00
					Totals:	7		\$56.00	
Heartsaver CPR/AED					Heartsaver CPR/AED Online checkoff				
Date	Students	Instructor			Date	Students	Instructor	Deposits	Withdrawals
					4-Apr	1	1	\$25.00	\$0.00
					21-Oct	4	1	\$120.00	\$60.00
					6-Nov	14	2	\$350.00	\$120.00
						Total:		\$495.00	\$180.00
Purchased Supplies 2023					Heartsaver CPR/AED/First Aid				
	30-Nov CPR Video		\$209.00		Date	Students	Instructor	Deposits	Withdrawals
	30-Nov Supplies		\$109.21		18-Jan	7	2	\$630.00	\$270.00
	21-Dec Bulk BLS Cd		\$816.21						\$0.00
	Total		\$1,134.42					Total	\$360
Payments	\$1,181.00								
Costs	\$630.00								
Supplies	\$1,134.21								

Fire/EMS Trainings 2022

Training 01/01/2023 to 12/31/2023

Assignment Name	Duration (hours)
01 - Fire Service & Firefighter Safety	11
02 - Communications	17.5
03 - Building Construction	3.5
04 - Fire Dynamics	3.5
05 - FF Personal Protective Equipment	9.5
06 - Portable Fire Extinguishers	3
07 - Ropes & Knots	3.5
08 - Ground Ladders	21
09 - Forcible Entry	3.5
10 - Structural Search & Rescue	6.5
11 - Tactical Ventilation	2.5
13 - Hose Operations & Hose Streams	22
14 - Fire Suppression	46.5
15 - Overhaul, Property Conservation, & Scene Preservation	2.5
16 - Building Materials, Structural Collapse, & Effects of Fire Suppression	3
17 - Tech Rescue Support & Vehicle Extrication Operations	35
18 - Foam Fire Fighting, Liquid Fire, & Gas Fires	3.5
19 - Incident Scene Operations	3
20 - Fire Origin & Cause Determination	0.5
21 - Maintenance & Testing Responsibilities	9.5
3461	6.75
3462	9
3471	7.5
3488	6
Administrative/Office Work	106.5
Aerial 16 Introduction to Aerial Fire Apparatus	32.75
Aerial 18 Stabilizing the Apparatus	10
Aerial 19 Operating Aerial Apparatus	13.75
Aerial 20 Aerial Apparatus Strategies and Tactics	12
ALS Equipment Training	5
ALS Skills Checkoff	5
ALS Skills Testing	4
Ambulance Checkoff	6.25
Ambulance Orientation	14
Annual Evaluations	10.25
Area Familiarization, NFPA 1500	7

2023 Annual Report Mukwonago Fire Department

Basic Ambulance Equipment	6
Basic EMS Skills Checkoff	5.5
Basic Vent Setup	3.5
Basic Vent Training part 1	14.75
Bleeding Control	11
Blood Glucose	4.25
Bloodborne Pathogens	3
BLS Skills Training	77.75
Boat	5
Building Committee	1
Captain's Meeting	4.5
Cardioversion and Pacing	1.5
Chainsaws	8
Check it Record Usage	3
Chief Officer Meeting	18.75
Compressor Operation	4
Control Cric	1
CPR Instructor Recertification	6
CPR Recertification	12
De-escalation Article	3.5
Disposing of Controlled Substances	0.5
Doty Belt Orientation	4.25
Drive on Roadway, NFPA 1002, 4.3	41
Driver Operator Engine/Pumper, NFPA 1002, Chapter 5	41
Driver Operator Rescue/Utility, NFPA 1002, Chapter 4	4.5
Driver Practical Test	28
Driver Practical Training	2
Driver written Test	6
Drivers Test	1.25
Emergency Management	35.25
Emergency Response Pipeline Training	13
Emergency Response to Terrorism (MOD #1)	1
Emergent Driving with a Patient	22
Emergent without Patient Driving	18
EMS Abdominal Trauma	1
EMS Abdominal Trauma Advanced	2
EMS Acute Coronary Syndrome (Advanced)	8
EMS Acute Coronary Syndromes	3
EMS Acute Respiratory Distress Syndrome Advanced	4
EMS Advanced Airways: Intubation and Beyond (2 hours)	14
EMS Advanced Cervical Spinal Injuries: Special Considerations for Athletics	3
EMS Airway Management Advanced (2 hours)	4
EMS Airway Management Basic	8

2023 Annual Report Mukwonago Fire Department

EMS Allergic Reaction Management	3
EMS Allergies and Anaphylaxis Advanced	3
EMS Allergies and Anaphylaxis Basic	1
EMS Amputation Injuries	2
EMS Aquatic Emergencies	2
EMS Assessing the Patient with Major Trauma	4
EMS Assessment and Treatment of Altered Mental Status	2
EMS Assessment and Treatment of Submersion Injuries (Advanced)	1
EMS Asthma Advanced	4
EMS Asthma Advanced Clinical Concepts	5
EMS Asthma Part 1	8
EMS Asthma Part 2	5
EMS Back Injury Prevention	2
EMS Bariatric Patients	2
EMS Behavioral Emergencies Advanced	3
EMS Bleeding and Shock	5
EMS Bloodborne Pathogens Safety (2189249)	1
EMS Bomb Blast Injuries Advanced	2
EMS Calcium Channel Blocker Overdose	4
EMS Capnography	4
EMS Carbon Monoxide Poisoning	6
EMS Cardiac Emergencies Advanced	8
EMS Cardiac Emergencies Basic	2
EMS Cardiovascular Anatomy & Physiology Review	8
EMS Child Abuse: An EMS Professionals Role & Responsibilities	1
EMS Clinical Decision-Making	2
EMS CNS Injuries Advanced	3
EMS Complete Resuscitation: Integrating Post-Care Advanced	6
EMS Crime Scene Awareness	8
EMS Cultural Diversity for EMS Providers	2
EMS Cyanide Poisoning (Advanced)	4
EMS Death and Dying	1
EMS Dementia (Advanced)	2
EMS Dementia: Overview, Assessment, and Care	1
EMS Dementia: Overview, Assessment, and Care	1
EMS Detailed Physical Exam	1
EMS Diabetic Ketoacidosis Advanced	3
EMS Disease Conditions of Chronic Alcoholism (Advanced)	1
EMS Driving Safety	9
EMS Emergency Care for Electrical Burns	2
EMS Emergency Response to Terrorism (MOD #1)	7
EMS Endocrine System Emergencies Advanced	4
EMS Endocrine System Emergencies Basic	1

2023 Annual Report Mukwonago Fire Department

EMS Environmental Emergencies Advanced	2
EMS Epilepsy	3
EMS Femur Fractures	3
EMS Fundamentals of 12 Lead ECG Operation and Interpretation	7
EMS Geriatric Emergencies Advanced	3
EMS Geriatric Emergencies Basic	1
EMS Geriatric Hip Injuries	1
EMS Grey Area Calls	2
EMS Gunshot Wounds	4
EMS Head & Facial Injuries Advanced	2
EMS Heat Illness and Emergencies	2
EMS Hip Fractures	4
EMS HIPAA Awareness	7
EMS Human Trafficking Basics for First Responders	1
EMS Hypothermia Assessment and Treatment (Advanced)	4
EMS Intraosseous Infusion Advanced	3
EMS Intro to Arrhythmias: Escape Rhythms and Premature Complexes	2
EMS Intro to Arrhythmias: Tachy-arrhythmias and Fibrillation	3
EMS Introduction to Hazardous Materials	4
EMS Management of cervical spine injuries on athletics part 2 (Advanced)	2
EMS Managing Cardiac Arrest: During and After Resuscitation	6
EMS Managing Chronic Care Patients	2
EMS Mechanics of Breathing	7
EMS Medical Extrication & Rescue	2
EMS Medical, Ethical, and Legal Issues	3
EMS Non-Traumatic Abdominal Injuries	2
EMS Non-Traumatic Chest Pain	4
EMS Nose Bleeds	1
EMS Obstetrical Emergencies Advanced (2 hour)	5
EMS Operating an AED	2
EMS Over the Counter Drug Overdoses (Advanced)	4
EMS Pain Management (Advanced)	2
EMS Patient Assessment Advanced	3
EMS Patient Care Report Essentials	3
EMS Pediatric Assessment Part 1	4
EMS Pediatric Cardiac Arrest Advanced	6
EMS Pediatric Cardiac Emergencies (Advanced)	4
EMS Pediatric Emergencies Basic	2
EMS Pediatric Fever for the Paramedic (Advanced)	3
EMS Pediatric Fever for the Paramedic (Advanced)	1
EMS Pediatric Fever for the Paramedic (Advanced)	1
EMS Pediatric Fluid and Airways (Advanced)	3
EMS Pediatric Ingestions (Advanced)	2

2023 Annual Report Mukwonago Fire Department

EMS Pediatric Respiratory Emergencies: Lower Airway for the Paramedic (Advanced)	5
EMS Pediatric Respiratory Emergencies: Upper and Lower Airway for the First Responder	4
EMS Pediatric Seizures	1
EMS Pediatric Shock Advanced (2 hours)	6
EMS Pediatric Shock Advanced (2 hours)	2
EMS Pediatric Shock Advanced (2 hours)	2
EMS Pediatric Trauma (2189176)	7
EMS Pharmacology & Drug Administration	5
EMS Pharmacology Basic	2
EMS Pharmacology Special Considerations (Advanced)	2
EMS Poisoning and Overdose	1
EMS Poisons and Toxins Part 1 (Advanced)	9
EMS Prehospital Pulmonary Embolism Care	7
EMS Rapid Secondary Assessment	1
EMS Renal Failure Advanced	2
EMS Respiratory Emergencies Advanced	4
EMS Respiratory Emergencies Basic	1
EMS Respiratory System A&P Review	6
EMS Safe Transportation of the Pediatric Patient	8
EMS Sepsis	4
EMS Sepsis	1
EMS Sepsis	1
EMS Sepsis (Basic)	1
EMS Shock and Shock Management	3
EMS Slips, Trips, and Falls	3
EMS Special Challenges in Patient Assessment	4
EMS Special Needs Patients	1
EMS Spinal Cord Injuries	2
EMS Stroke Assessment & Treatment (Advanced)	1
EMS Stroke Assessment & Treatment (Advanced)	2
EMS Suctioning the Patient Airway	3
EMS Supplemental Oxygen	3
EMS TCA Overdose (Advanced)	5
EMS The Human Body Part 1: Critical Systems (Advanced)	4
EMS Thoracic Emergencies Advanced	3
EMS Tracheostomies Advanced	4
EMS Traumatic Brain Injuries	1
EMS Traumatic Head and Brain Injuries Advanced	4
EMS Traumatic Head and Brain Injuries Advanced	2
EMS Traumatic Injury During Pregnancy	3
EMS Understanding the Basics of ECGs	3
EMS Unstable Pelvic Fractures	2
EMS Weapons of Mass Destruction	6

2023 Annual Report Mukwonago Fire Department

EMS Workplace Stress	1
Evaluations	10.5
Event Stand by	64
EZ IO	1
File Center	3.5
Final Probation Check off	14
Fire Commission Meeting	23.25
Fire Industry Driver Intersection Safety	2
Fire Industry Introduction to Wildland Fire Behavior	4
Fire Inspections	35.75
Firefighter Fitness, NFPA 1500	55.5
Fleet Program Defensive Driving Strategies for Emergency Vehicle Operators	9
Fleet Program Driver Safety Orientation for Emergency Vehicle Operators	2
Full-Time Probation Quarterly Evaluation	10.5
Fulltime Staff Meeting	7
Gas meters	20
Grass Rigs	13.5
I Gel	4
Ice Rescue	30
Imagetrend Video	1
Importing 12-lead to ImageTrend to the Cloud	0.75
Initial Equipment Familiarization	2
Instructor Training Prep	10
Initial Crew Sense Training	1.75
IV pump	1
K-Saw	8
LDH	12
Lifepak 15	6
Lucas	4.5
Mabas Meeting	16.75
Med port access	1
Mental Health	3
Month 1 Area and Ambulance Familiarization	8.5
Month 10 - Ground Ladders	20
Month 2 Imagetrend, Intergraph, 3488	8.5
Month 3- 3461 Familiarization	6
Month 4 - 3462 Familiarization	8.5
Month 5- SCBA and Grass rigs	36.5
Month 6 - Hose advancement	10
Month 7 - Extrication	24
Month 8 - Aerial Operations	6
Month 9 - Boat operations/water rescue	5
Monthly ALS Training	310.75

2023 Annual Report Mukwonago Fire Department

Monthly Department Meeting	100
MSA G1 SCBA Bluetooth Pairing	4.5
Municipal Water Supply	45.75
National Night Out Meeting	2.5
New Driver, Drive on Roadway, NFPA 1002, 4.3	4
New employee Orientation	25
New Extrication Tools	4.5
New Preplan	1.75
NFIRS/EMS Reports	10
NFPA 1001 Firefighter Orientation and Safety	1
NFPA 1001 Vehicle Extrication	4
NFPA 1500 Driving Safety	8
NIMS ICS 200	4
NIMS IS 800	3
Non-emergent Driving With a Patient	23
Non-emergent Driving without a patient	24
Officer Meeting	99.5
Oxygen and IV bag set up	3
PALS Card Upload	0.5
PALS Recert	49.5
Parade Detail	56.5
Paramedic Orientation	4
Ped Transport system for cot (ACR)	4
Perform a Fire Inspection	11
Perform a Re-Inspection	4
POC/POP Quarterly Probation Evaluation	1.5
Policy and SOG's	5
Power Pro 2 In-service Video	5.5
Pre-Construction	2
Pre-Plan Annual Review	8
Promotional Testing	6
Protective Services Committee	3.75
Protocols	6
Public CPR	32
Public Education NFPA standards	9
Public Education NFPA standards	3
Public Relations/Education	253.5
Pumper 02 Apparatus Inspection and Maintenance	2
Pumper 02 Apparatus Inspection and Maintenance	1
Radio Training	3.5
Railroad Emergency Training	52.25
RDC Training online	12
Recruit Testing	50.75

2023 Annual Report Mukwonago Fire Department

Ring Rescue	11
Russell Pneumo	0.5
Safety Committee	1.5
Sawzall (reciprocating saw)	4
SCBA	5
SE Incident Management Team Training/Meeting	3.5
Spear Needle Decompression	1.5
Special Event	24
Splints	5
Stair Chair/Cot/Powerload	4.5
Tank Capacity and Hose Lengths	4
Tickets	4.5
Town Board Meeting	8.5
Triple Layer	4
Tylenol	1.5
Vent Training part 4	5
Village Board Meeting	13.5
Village Committee of the Whole Meeting	9.25
Village Development Meeting	37.25
Vscan Ultrasound Training	5.5
Warrior Elite Fluid Warmer	1.25
Water Rescue Training	45
Waukesha Fire Chief's Assoc	4.5
Weather Spotter Training	22.5
Weekly Training Activity	2.25
Weekly/Monthly Preventive Maintenance, NFPA 1002 4.2	34
Wildland Firefighting	87
Wisconsin ATV Certification	6.5
TOTAL TRAINING HOURS	3476.25

Training 01/01/2023 to 12/31/2023

Assignment Name	Duration (hours)
01 - Fire Service & Firefighter Safety	11
02 - Communications	17.5
03 - Building Construction	3.5
04 - Fire Dynamics	3.5
05 - FF Personal Protective Equipment	9.5
06 - Portable Fire Extinguishers	3

2023 Annual Report Mukwonago Fire Department

07 - Ropes & Knots	3.5
08 - Ground Ladders	21
09 - Forcible Entry	3.5
10 - Structural Search & Rescue	6.5
11 - Tactical Ventilation	2.5
13 - Hose Operations & Hose Streams	22
14 - Fire Suppression	46.5
15 - Overhaul, Property Conservation, & Scene Preservation	2.5
16 - Building Materials, Structural Collapse, & Effects of Fire Suppression	3
17 - Tech Rescue Support & Vehicle Extrication Operations	35
18 - Foam Fire Fighting, Liquid Fire, & Gas Fires	3.5
19 - Incident Scene Operations	3
20 - Fire Origin & Cause Determination	0.5
21 - Maintenance & Testing Responsibilities	9.5
3461	6.75
3462	9
3471	7.5
3488	6
Administrative/Office Work	106.5
Aerial 16 Introduction to Aerial Fire Apparatus	32.75
Aerial 18 Stabilizing the Apparatus	10
Aerial 19 Operating Aerial Apparatus	13.75
Aerial 20 Aerial Apparatus Strategies and Tactics	12
ALS Equipment Training	5
ALS Skills Checkoff	5
ALS Skills Testing	4
Ambulance Checkoff	6.25
Ambulance Orientation	14
Annual Evaluations	10.25
Area Familiarization, NFPA 1500	7
Basic Ambulance Equipment	6
Basic EMS Skills Checkoff	5.5
Basic Vent Setup	3.5
Basic Vent Training part 1	14.75
Bleeding Control	11
Blood Glucose	4.25
Bloodborne Pathogens	3
BLS Skills Training	77.75
Boat	5
Building Committee	1
Captain's Meeting	4.5
Cardioversion and Pacing	1.5
Chainsaws	8

2023 Annual Report Mukwonago Fire Department

Check it Record Usage	3
Chief Officer Meeting	18.75
Compressor Operation	4
Control Cric	1
CPR Instructor Recertification	6
CPR Recertification	12
De-escalation Article	3.5
Disposing of Controlled Substances	0.5
Doty Belt Orientation	4.25
Drive on Roadway, NFPA 1002, 4.3	41
Driver Operator Engine/Pumper, NFPA 1002, Chapter 5	41
Driver Operator Rescue/Utility, NFPA 1002, Chapter 4	4.5
Driver Practical Test	28
Driver Practical Training	2
Driver written Test	6
Drivers Test	1.25
Emergency Management	35.25
Emergency Response Pipeline Training	13
Emergency Response to Terrorism (MOD #1)	1
Emergent Driving with a Patient	22
Emergent without Patient Driving	18
EMS Abdominal Trauma	1
EMS Abdominal Trauma Advanced	2
EMS Acute Coronary Syndrome (Advanced)	8
EMS Acute Coronary Syndromes	3
EMS Acute Respiratory Distress Syndrome Advanced	4
EMS Advanced Airways: Intubation and Beyond (2 hours)	14
EMS Advanced Cervical Spinal Injuries: Special Considerations for Athletics	3
EMS Airway Management Advanced (2 hours)	4
EMS Airway Management Basic	8
EMS Allergic Reaction Management	3
EMS Allergies and Anaphylaxis Advanced	3
EMS Allergies and Anaphylaxis Basic	1
EMS Amputation Injuries	2
EMS Aquatic Emergencies	2
EMS Assessing the Patient with Major Trauma	4
EMS Assessment and Treatment of Altered Mental Status	2
EMS Assessment and Treatment of Submersion Injuries (Advanced)	1
EMS Asthma Advanced	4
EMS Asthma Advanced Clinical Concepts	5
EMS Asthma Part 1	8
EMS Asthma Part 2	5
EMS Back Injury Prevention	2

2023 Annual Report Mukwonago Fire Department

EMS Bariatric Patients	2
EMS Behavioral Emergencies Advanced	3
EMS Bleeding and Shock	5
EMS Bloodborne Pathogens Safety (2189249)	1
EMS Bomb Blast Injuries Advanced	2
EMS Calcium Channel Blocker Overdose	4
EMS Capnography	4
EMS Carbon Monoxide Poisoning	6
EMS Cardiac Emergencies Advanced	8
EMS Cardiac Emergencies Basic	2
EMS Cardiovascular Anatomy & Physiology Review	8
EMS Child Abuse: An EMS Professionals Role & Responsibilities	1
EMS Clinical Decision-Making	2
EMS CNS Injuries Advanced	3
EMS Complete Resuscitation: Integrating Post-Care Advanced	6
EMS Crime Scene Awareness	8
EMS Cultural Diversity for EMS Providers	2
EMS Cyanide Poisoning (Advanced)	4
EMS Death and Dying	1
EMS Dementia (Advanced)	2
EMS Dementia: Overview, Assessment, and Care	1
EMS Dementia: Overview, Assessment, and Care	1
EMS Detailed Physical Exam	1
EMS Diabetic Ketoacidosis Advanced	3
EMS Disease Conditions of Chronic Alcoholism (Advanced)	1
EMS Driving Safety	9
EMS Emergency Care for Electrical Burns	2
EMS Emergency Response to Terrorism (MOD #1)	7
EMS Endocrine System Emergencies Advanced	4
EMS Endocrine System Emergencies Basic	1
EMS Environmental Emergencies Advanced	2
EMS Epilepsy	3
EMS Femur Fractures	3
EMS Fundamentals of 12 Lead ECG Operation and Interpretation	7
EMS Geriatric Emergencies Advanced	3
EMS Geriatric Emergencies Basic	1
EMS Geriatric Hip Injuries	1
EMS Grey Area Calls	2
EMS Gunshot Wounds	4
EMS Head & Facial Injuries Advanced	2
EMS Heat Illness and Emergencies	2
EMS Hip Fractures	4
EMS HIPAA Awareness	7

2023 Annual Report Mukwonago Fire Department

EMS Human Trafficking Basics for First Responders	1
EMS Hypothermia Assessment and Treatment (Advanced)	4
EMS Intraosseous Infusion Advanced	3
EMS Intro to Arrhythmias: Escape Rhythms and Premature Complexes	2
EMS Intro to Arrhythmias: Tachy-arrhythmias and Fibrillation	3
EMS Introduction to Hazardous Materials	4
EMS Management of cervical spine injuries on athletics part 2 (Advanced)	2
EMS Managing Cardiac Arrest: During and After Resuscitation	6
EMS Managing Chronic Care Patients	2
EMS Mechanics of Breathing	7
EMS Medical Extrication & Rescue	2
EMS Medical, Ethical, and Legal Issues	3
EMS Non-Traumatic Abdominal Injuries	2
EMS Non-Traumatic Chest Pain	4
EMS Nose Bleeds	1
EMS Obstetrical Emergencies Advanced (2 hour)	5
EMS Operating an AED	2
EMS Over the Counter Drug Overdoses (Advanced)	4
EMS Pain Management (Advanced)	2
EMS Patient Assessment Advanced	3
EMS Patient Care Report Essentials	3
EMS Pediatric Assessment Part 1	4
EMS Pediatric Cardiac Arrest Advanced	6
EMS Pediatric Cardiac Emergencies (Advanced)	4
EMS Pediatric Emergencies Basic	2
EMS Pediatric Fever for the Paramedic (Advanced)	3
EMS Pediatric Fever for the Paramedic (Advanced)	1
EMS Pediatric Fever for the Paramedic (Advanced)	1
EMS Pediatric Fluid and Airways (Advanced)	3
EMS Pediatric Ingestions (Advanced)	2
EMS Pediatric Respiratory Emergencies: Lower Airway for the Paramedic (Advanced)	5
EMS Pediatric Respiratory Emergencies: Upper and Lower Airway for the First Responder	4
EMS Pediatric Seizures	1
EMS Pediatric Shock Advanced (2 hours)	6
EMS Pediatric Shock Advanced (2 hours)	2
EMS Pediatric Shock Advanced (2 hours)	2
EMS Pediatric Trauma (2189176)	7
EMS Pharmacology & Drug Administration	5
EMS Pharmacology Basic	2
EMS Pharmacology Special Considerations (Advanced)	2
EMS Poisoning and Overdose	1
EMS Poisons and Toxins Part 1 (Advanced)	9
EMS Prehospital Pulmonary Embolism Care	7

2023 Annual Report Mukwonago Fire Department

EMS Rapid Secondary Assessment	1
EMS Renal Failure Advanced	2
EMS Respiratory Emergencies Advanced	4
EMS Respiratory Emergencies Basic	1
EMS Respiratory System A&P Review	6
EMS Safe Transportation of the Pediatric Patient	8
EMS Sepsis	4
EMS Sepsis	1
EMS Sepsis	1
EMS Sepsis (Basic)	1
EMS Shock and Shock Management	3
EMS Slips, Trips, and Falls	3
EMS Special Challenges in Patient Assessment	4
EMS Special Needs Patients	1
EMS Spinal Cord Injuries	2
EMS Stroke Assessment & Treatment (Advanced)	1
EMS Stroke Assessment & Treatment (Advanced)	2
EMS Suctioning the Patient Airway	3
EMS Supplemental Oxygen	3
EMS TCA Overdose (Advanced)	5
EMS The Human Body Part 1: Critical Systems (Advanced)	4
EMS Thoracic Emergencies Advanced	3
EMS Tracheostomies Advanced	4
EMS Traumatic Brain Injuries	1
EMS Traumatic Head and Brain Injuries Advanced	4
EMS Traumatic Head and Brain Injuries Advanced	2
EMS Traumatic Injury During Pregnancy	3
EMS Understanding the Basics of ECGs	3
EMS Unstable Pelvic Fractures	2
EMS Weapons of Mass Destruction	6
EMS Workplace Stress	1
Evaluations	10.5
Event Stand by	64
EZ IO	1
File Center	3.5
Final Probation Check off	14
Fire Commission Meeting	23.25
Fire Industry Driver Intersection Safety	2
Fire Industry Introduction to Wildland Fire Behavior	4
Fire Inspections	35.75
Firefighter Fitness, NFPA 1500	55.5
Fleet Program Defensive Driving Strategies for Emergency Vehicle Operators	9
Fleet Program Driver Safety Orientation for Emergency Vehicle Operators	2

2023 Annual Report Mukwonago Fire Department

Full-Time Probation Quarterly Evaluation	10.5
Fulltime Staff Meeting	7
Gas meters	20
Grass Rigs	13.5
I Gel	4
Ice Rescue	30
Imagetrend Video	1
Importing 12-lead to ImageTrend to the Cloud	0.75
Initial Equipment Familiarization	2
Instructor Training Prep	10
Initial Crew Sense Training	1.75
IV pump	1
K-Saw	8
LDH	12
Lifepak 15	6
Lucas	4.5
Mabas Meeting	16.75
Med port access	1
Mental Health	3
Month 1 Area and Ambulance Familiarization	8.5
Month 10 - Ground Ladders	20
Month 2 Imagetrend, Intergraph, 3488	8.5
Month 3- 3461 Familiarization	6
Month 4 - 3462 Familiarization	8.5
Month 5- SCBA and Grass rigs	36.5
Month 6 - Hose advancement	10
Month 7 - Extrication	24
Month 8 - Aerial Operations	6
Month 9 - Boat operations/water rescue	5
Monthly ALS Training	310.75
Monthly Department Meeting	100
MSA G1 SCBA Bluetooth Pairing	4.5
Municipal Water Supply	45.75
National Night Out Meeting	2.5
New Driver, Drive on Roadway, NFPA 1002, 4.3	4
New employee Orientation	25
New Extrication Tools	4.5
New Preplan	1.75
NFIRS/EMS Reports	10
NFPA 1001 Firefighter Orientation and Safety	1
NFPA 1001 Vehicle Extrication	4
NFPA 1500 Driving Safety	8
NIMS ICS 200	4

2023 Annual Report Mukwonago Fire Department

NIMS IS 800	3
Non-emergent Driving With a Patient	23
Non-emergent Driving without a patient	24
Officer Meeting	99.5
Oxygen and IV bag set up	3
PALS Card Uplaod	0.5
PALS Recert	49.5
Parade Detail	56.5
Paramedic Orientation	4
Ped Transport system for cot (ACR)	4
Perform a Fire Inspection	11
Perform a Re-Inspection	4
POC/POP Quarterly Probation Evaluation	1.5
Policy and SOG's	5
Power Pro 2 In-service Video	5.5
Pre-Construction	2
Pre-Plan Annual Review	8
Promotional Testing	6
Protective Services Committee	3.75
Protocols	6
Public CPR	32
Public Education NFPA standards	9
Public Education NFPA standards	3
Public Relations/Education	253.5
Pumper 02 Apparatus Inspection and Maintenance	2
Pumper 02 Apparatus Inspection and Maintenance	1
Radio Training	3.5
Railroad Emergency Training	52.25
RDC Training online	12
Recruit Testing	50.75
Ring Rescue	11
Russell Pneumo	0.5
Safety Committee	1.5
Sawzall (reciprocating saw)	4
SCBA	5
SE Incident Management Team Training/Meeting	3.5
Spear Needle Decompression	1.5
Special Event	24
Splints	5
Stair Chair/Cot/Powerload	4.5
Tank Capacity and Hose Lengths	4
Tickets	4.5
Town Board Meeting	8.5

2023 Annual Report Mukwonago Fire Department

Triple Layer	4
Tylenol	1.5
Vent Training part 4	5
Village Board Meeting	13.5
Village Committee of the Whole Meeting	9.25
Village Development Meeting	37.25
Vscan Ultrasound Training	5.5
Warrior Elite Fluid Warmer	1.25
Water Rescue Training	45
Waukesha Fire Chief's Assoc	4.5
Weather Spotter Training	22.5
Weekly Training Activity	2.25
Weekly/Monthly Preventative Maintenance, NFPA 1002 4.2	34
Wildland Firefighting	87
Wisconsin ATV Certification	6.5
TOTAL TRAINING HOURS	3476.25

The above chart indicates all the hours of training, meetings, and personal development MFD members attend throughout the 2023 year. Emergency services are very demanding, and continuous training is required to keep up with ever-changing challenges members will encounter. A total of 3,476.25 hours of training completed for 2023. Average of 99.32 hours / employee based off 35 employees. This is up from 77hrs/staff in 2022.

Engines



Vehicle: Engine 34 – Rosenbauer Commander Pumper-Tender
Year Purchased: 2021
Approximate Cost: \$ 740,000
Replacement Year: 2046
Replacement Cost: \$1,500,000

Vehicle: Engine 32 – 2002 Pierce Enforcer
Year Purchased: 2002
Approximate Cost: \$ 285,000
Replacement Year: 2026
Replacement Cost: \$ 1,000,000 (Pumper-Tender)



Aerial Apparatus

Vehicle: Truck 34 – Rosenbauer Cobra 101'
Year Purchased: 2013
Approximate Cost: \$ 775,000
Replacement Year: 2038
Replacement Cost: \$ 1,500,000



Specialty Apparatus



Vehicle: Brush 34 – Ford F350
Year Purchased: 2016
Approximate Cost: \$ 37,819
Replacement Year: 2031
Replacement Cost: \$ 66,000

Vehicle: UTV 34 –2022 John Deere and Trailer
Year Purchased: 2022
Approximate Cost: \$ 35,000 w/ trailer
Replacement Year: 2037
Replacement Cost: \$ 45,000



Water Operations (Ice and open water)



Vehicle: Boat 34 – 1998 Rescue One
Year Purchased: 1997
Approximate Cost: \$ 13,000
Replacement Year: 2024
Replacement Cost: \$50,000

Personnel Vehicles



Vehicle: Utility 34 – Chevrolet Silverado 3500
Year Purchased: 2020
Approximate Cost: \$ 50,000
Replacement Year: 2032
Replacement Cost: \$65,000

Vehicle: Intercept 34 – Chevrolet Tahoe
Year Purchased: 2023
Approximate Cost: \$60,000
Replacement Year: 2029
Replacement Cost: \$70,000





Vehicle: Battalion 34
Year Purchased: 2023
Approximate Cost: \$65,000
Replacement Year: 2030
Replacement Cost: \$70,000

Vehicle: Battalion 32 – Chevrolet Tahoe
Year Purchased: 2015
Approximate Cost: \$45,000
Replacement Year: 2029
Replacement Cost: 2023 Chevrolet Tahoe



Ambulances

Vehicle: 2022 Horton Ford F550
Year Purchased: 2022
Approximate Cost: \$ 280,000
Replacement Year: 2030
Replacement Cost: \$ 674,000 with Power load and cot





Vehicle: 2017 Horton E-450
Year Purchased: 2017
Approximate Cost: \$ 196,000
Replacement Year: 2025
Replacement Cost: \$ 479,000 with Power load and cot

Vehicle: 2019 Med Tec Ford E-450 Remount
Year Purchased: 20
Approximate Cost: \$ 116,691
Replacement Year: 2027
Replacement Cost: \$ 617,000 with Power load and cot



Special thank you the Mukwonago Fire Rescue Inc. (MFRI), this is the unaffiliated association. If it was not for the members of the association raising money for the betterment of the department. The association provides financial support to the Mukwonago Fire Department members by purchasing exercise equipment, bedding, kitchen supplies, and furniture. The Association annually donates to the community every year \$6,000 to educational scholarships and other organizations that need assistance such as the burn camp.