

Mukwonago Fire Department Annual Report 2016

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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 whom 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.

In 2016, MFD total call volume reached 2298 calls. That is a 15% increase from 2015. This was the first full year of inter-facility transports. MFD did 816 inter-facility transports. MFD usually has 1780 911 transports in a year. We had a large increase in inter-facility transport we had some decrease in 911 requests due to individuals going to the Mukwonago ER for evaluation. In November, MFD had a few calls that community members made a difference in the outcome. MFD responded to report of fire on the second floor at the Michaels Court apartments. Units were able to make a quick knock down prior to severe damage and occupant displacement was minimized. An individual who just got off third shift recognized the fire and was able to get residents out. Fortunately, there were no injuries. The second was a vehicle drove into the retention pond by River's Edge. The vehicle was sinking and the individual was unable to get out. Two employees jumped in and pushed the car to the shoreline prior to it then settling on the ground and the individual was removed without harm.

The greatest accomplishment was hiring three additional full time staff. Due to the increase in call volumes, additional staff was hired and funded by the additional revenue generated. The department consists of Paid on Call (POC), Paid on Premise (POP) and 7 full time staff, including the Fire Chief. Additionally there are three POP staff from 6am to 6pm seven days a week while POC staff 6pm to 6am seven days a week. We purchased a new chassis for the ambulance and did a remount. On the remount, we added a power lift system to assist EMS personnel with loading and unloading patients. I encourage everyone to stop in and see the new apparatus. All of the portable radios are being or were replaced to meet the new digital requirements and radio systems. Motorola funded the majority of this project with a third of the costs by MFD.

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

Sincerely,

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 in order to be successful in the role of Firefighter/EMT: 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 fire 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 limiting 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 Police and Department of Public Works.

Preparation

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

- Routine apparatus and equipment checks – 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, Rapid Intervention Crew 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 TB skin tests, scheduled personal protective equipment inspections and routine cleaning.
- Fire Code and ordinance enforcement.

Response

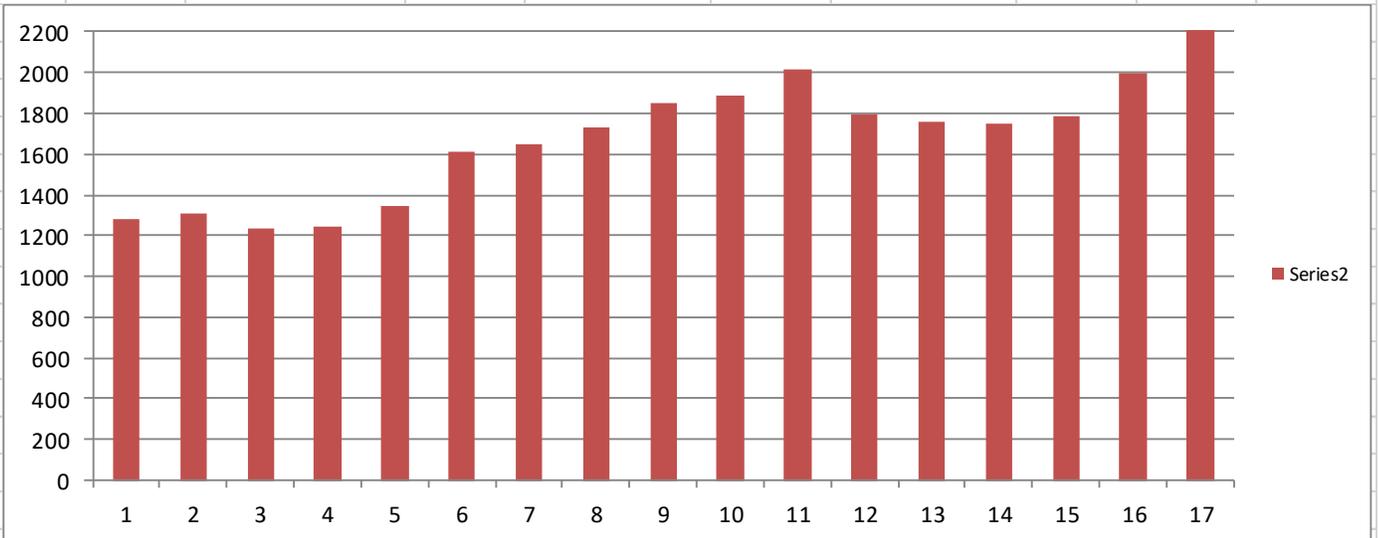
Putting necessary items into place to expedite the response of Mukwonago Fire Department in the event of an emergency and safely mitigate any incident.

- 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.
- Be 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, and
 - 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 and 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.

Executive Summary

Total EMS and Fire Calls						
Year	Total	Total % Change	EMS	EMS % Change	Fire	Fire % Change
2000	1277	0.0				
2001	1312	2.7				
2002	1239	-5.6				
2003	1241	0.2				
2004	1342	8.1				
2005	1615	20.3				
2006	1646	1.9	1361		285	
2007	1730	5.1	1426	4.8	304	6.7
2008	1845	6.6	1537	7.8	308	1.3
2009	1883	2.1	1625	5.7	258	-16.2
2010	2015	7.0	1694	4.2	321	24.4
2011	1791	-11.1	1563	-7.7	228	-29.0
2012	1756	-2.0	1508	-3.5	248	8.8
2013	1745	-0.6	1497	-0.7	248	0.0
2014	1784	2.2	1531	2.3	253	2.0
2015	1998	12.0	1719	12.3	279	10.3
2016	2298	15.0	2020	17.5	278	-0.4



FIRE

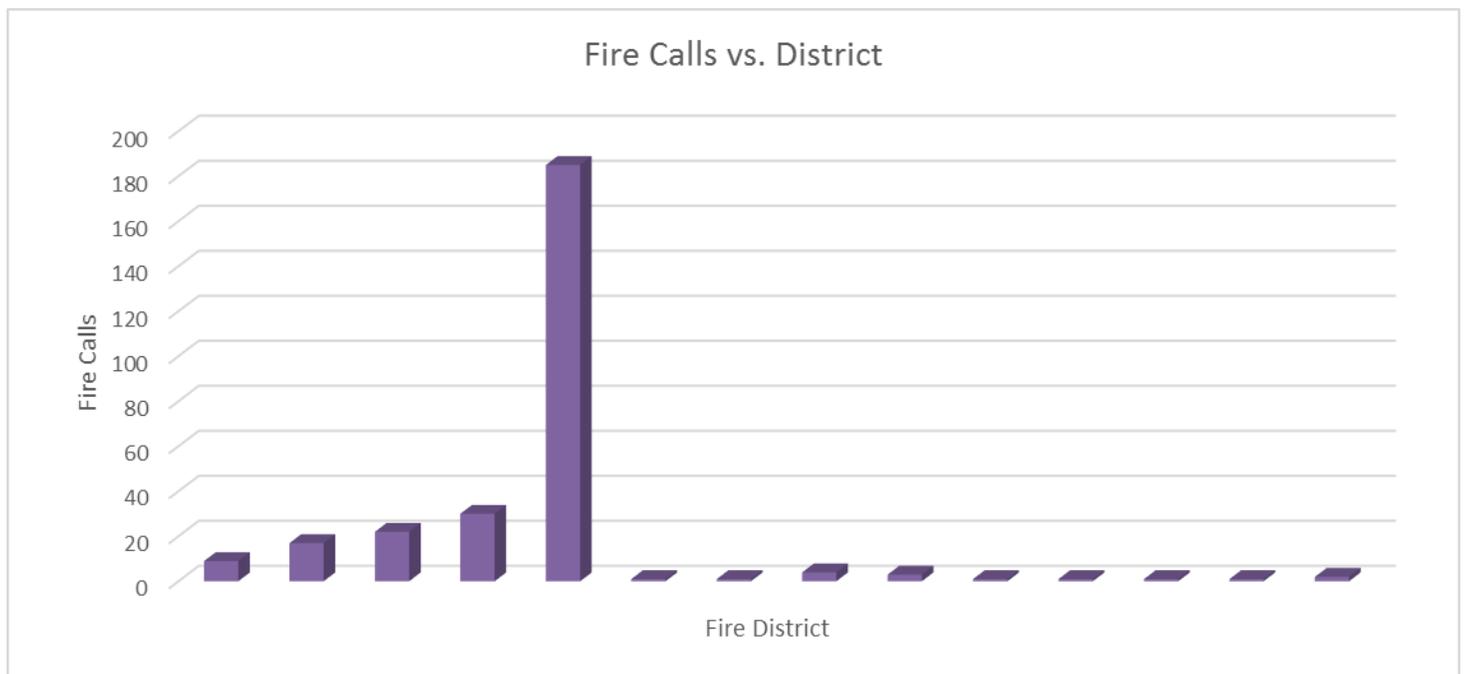


Total Number of Incidents 278

Fire Incidents by District

<i>District</i>	Date Range#1		Date Range#2	
	01/01/2015 - 12/31/2015		01/01/2016 - 12/31/2016	
	<i># of Inc</i>	<i>% of Total</i>	<i># of Inc</i>	<i>% of Total</i>
No District Entered	2	0.74%	9	3.24%
1-Fire District 1	35	12.92%	17	6.12%
2-Fire District 2	18	6.64%	22	7.91%
3-Fire District 3	23	8.49%	30	10.79%
4-Fire District 4	180	66.42%	185	66.55%
BGB-Big Bend FD	0	0.00%	1	0.36%
DFD-Dousman FD	0	0.00%	1	0.36%
EFD-Eagle Fire	9	3.32%	4	1.44%
ETF-East Troy Fire	1	0.37%	3	1.08%
TOW-Town of Wakesha FD	1	0.37%	1	0.36%
VER-Vernon FD	2	0.74%	1	0.36%
WG-Wales-Genesee FD	0	0.00%	1	0.36%
WTF-Waterford FD	0	0.00%	1	0.36%
WWF-Whitewater FD	0	0.00%	2	0.72%
Total	271	100.00%	278	100.00%

Fire District 1, 2, 3 are the Town of Mukwonago and District 4 is the Village of Mukwonago.



Types of Incidents

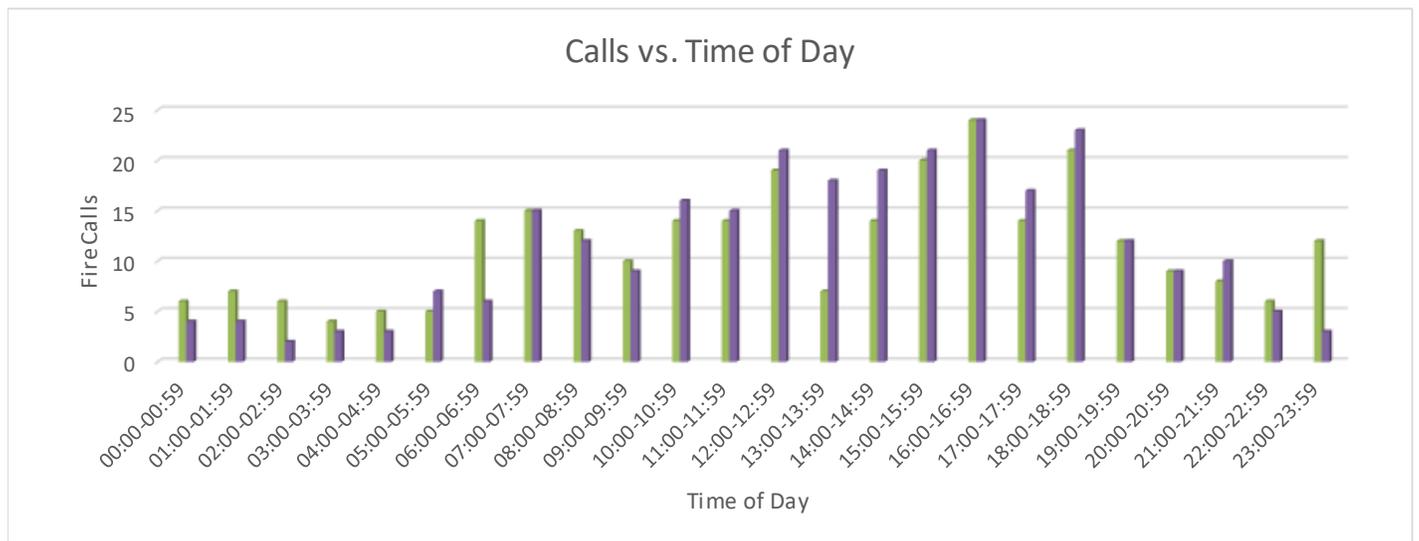
Incident Type Group	Date Range#1 01/01/2015 - 12/31/2015		Date Range#2 01/01/2016 - 12/31/2016	
	# of Inc	% of Total	# of Inc	% of Total
11 - Structure Fire	29	10.39%	24	8.63%
13 - Mobile property (vehicle) fire	3	1.08%	7	2.52%
14 - Natural vegetation fire	9	3.23%	8	2.88%
15 - Outside rubbish fire	0	0.00%	2	0.72%
16 - Special outside fire	1	0.36%	0	0.00%
17 - Cultivated vegetation, crop fire	1	0.36%	1	0.36%
25 - Excessive heat, scorch burns with no ignition	0	0.00%	4	1.44%
30 - Rescue, emergency medical call (EMS), other	1	0.36%	0	0.00%
31 - Medical assist	16	5.73%	8	2.88%
32 - Emergency medical service (EMS)	61	21.86%	55	19.78%
34 - Search for lost person	1	0.36%	1	0.36%
35 - Extrication, rescue	3	1.08%	3	1.08%
36 - Water or ice-related rescue	1	0.36%	5	1.80%
38 - Rescue or EMS standby	1	0.36%	1	0.36%
41 - Combustible/flammable spills & leaks	12	4.30%	11	3.96%
42 - Chemical release, reaction, or toxic condition	5	1.79%	8	2.88%
44 - Electrical wiring/equipment problem	13	4.66%	6	2.16%
46 - Accident, potential accident	4	1.43%	11	3.96%
51 - Person in distress	0	0.00%	1	0.36%
52 - Water problem	2	0.72%	0	0.00%
53 - Smoke, odor problem	3	1.08%	0	0.00%
55 - Public service assistance	3	1.08%	8	2.88%
56 - Unauthorized burning	0	0.00%	1	0.36%
57 - Cover assignment, standby at fire station, move-up	7	2.51%	2	0.72%
60 - Good intent call, other	3	1.08%	2	0.72%
61 - Dispatched and canceled enroute	35	12.54%	28	10.07%
63 - Controlled burning	0	0.00%	1	0.36%
65 - Steam, other gas mistaken for smoke	7	2.51%	0	0.00%
67 - Hazmat release investigation w/ no hazmat	4	1.43%	11	3.96%
70 - False alarm and false call, other	2	0.72%	2	0.72%
73 - System or detector malfunction	19	6.81%	20	7.19%
74 - Unintentional system/detector operation - no fire	30	10.75%	44	15.83%
81 - Severe weather or natural disaster	1	0.36%	1	0.36%
90 - Special type of incident	1	0.36%	2	0.72%
91 - Citizen complaint	1	0.36%	0	0.00%
Total	279	100.00%	278	100.00%

Fire Incidents Alarm Time Analysis

01/01/2015 - 12/31/2015

01/01/2016 - 12/31/2016

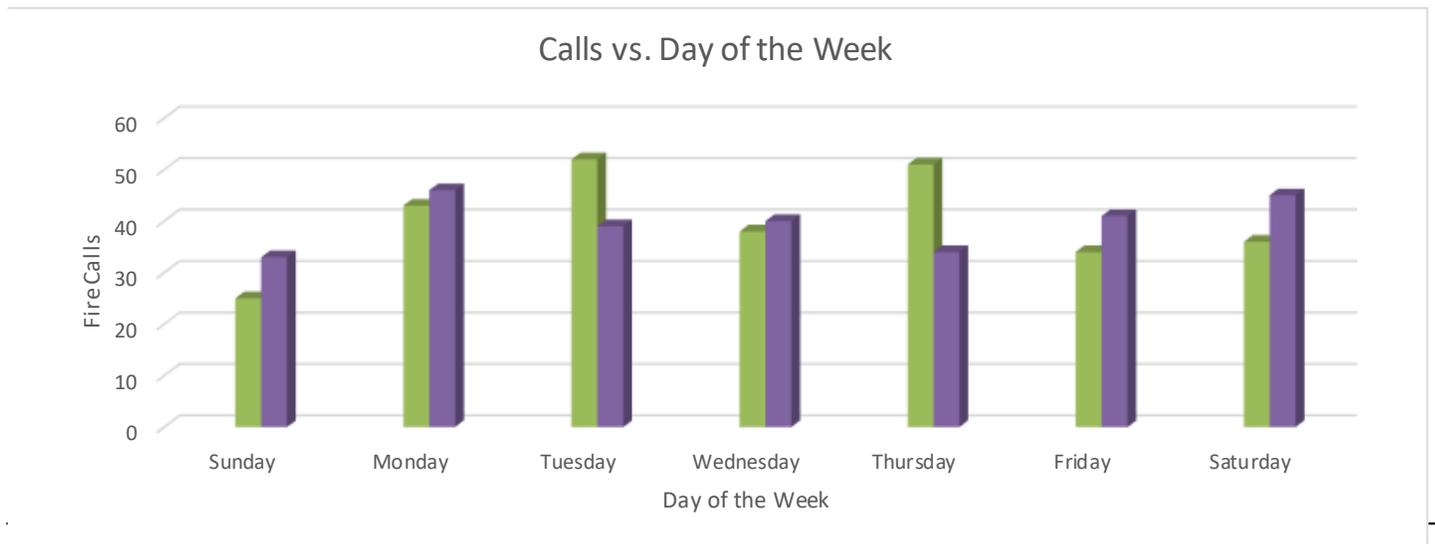
<i>Time Period</i>	<i>Calls</i>	<i>Avg App./Call</i>	<i>Avg Staff/Call</i>	<i>Calls</i>	<i>Avg App./Call</i>	<i>Avg Staff/Call</i>
00:00-00:59	6	2.51	2.58	4	2.42	2.26
01:00-01:59	7	3.83	3.74	4	1.93	1.86
02:00-02:59	6	1.85	2.39	2	1.09	0.75
03:00-03:59	4	2.11	2.39	3	1.21	1.28
04:00-04:59	5	2.77	2.71	3	1.21	1.16
05:00-05:59	5	2.51	2.77	7	3.51	3.89
06:00-06:59	14	4.75	4.84	6	2.42	2.78
07:00-07:59	15	5.41	5.48	15	5.08	4.58
08:00-08:59	13	2.51	2.71	12	3.39	3.02
09:00-09:59	10	3.17	2.71	9	2.78	2.78
10:00-10:59	14	3.96	3.87	16	4.72	4.76
11:00-11:59	14	4.75	4.52	15	4.96	5.05
12:00-12:59	19	6.60	5.74	21	5.68	5.28
13:00-13:59	7	2.77	2.13	18	6.17	6.55
14:00-14:59	14	3.96	3.81	19	4.47	4.93
15:00-15:59	20	6.07	5.81	21	7.50	6.50
16:00-16:59	24	7.78	7.42	24	9.43	8.87
17:00-17:59	14	5.01	4.52	17	6.29	6.32
18:00-18:59	21	8.18	8.58	23	8.46	8.70
19:00-19:59	12	4.09	5.03	12	5.32	6.21
20:00-20:59	9	4.22	3.81	9	3.63	3.54
21:00-21:59	8	3.69	4.39	10	5.20	5.68
22:00-22:59	6	2.77	2.90	5	1.81	1.74
23:00-23:59	12	4.75	5.16	3	1.33	1.51



Fire Incidents by the Day of the Week

Calls by Day of Week (NFIRS)

<i>Day of Week</i>	Date Range#1 01/01/2015 - 12/31/2015			Date Range#2 01/01/2016 - 12/31/2016		
	<i>Calls</i>	<i>Avg App./Call</i>	<i>Avg Staff/Call</i>	<i>Calls</i>	<i>Avg App./Call</i>	<i>Avg Staff/Call</i>
Sunday	25	9.89	10.65	33	13.91	14.97
Monday	43	15.96	15.35	46	16.08	14.97
Tuesday	52	18.87	17.94	39	12.58	11.89
Wednesday	38	11.87	12.71	40	14.03	13.92
Thursday	51	17.41	16.52	34	12.70	11.72
Friday	34	11.74	11.61	41	14.15	14.04
Saturday	36	14.25	15.23	45	16.57	18.50

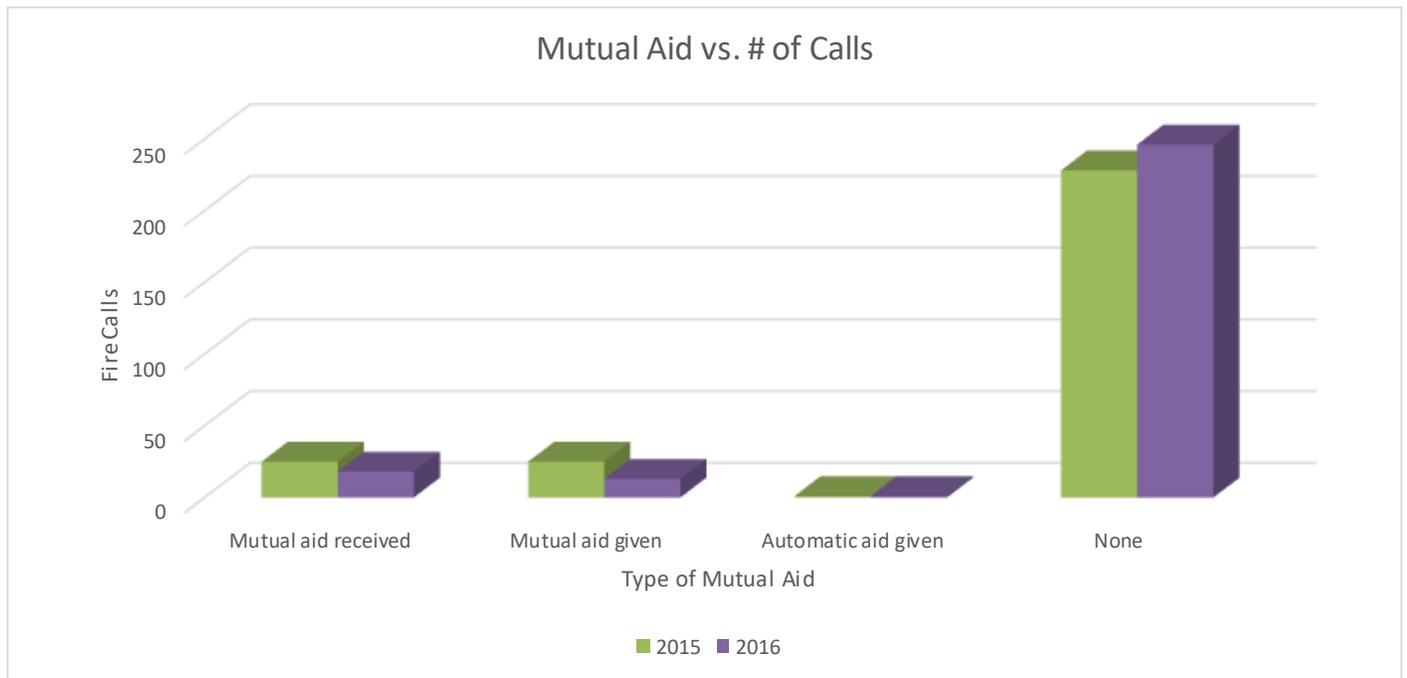


The charts above indicate that the heaviest call volumes are during 0600-0900hrs and 1500-1900hrs. The busiest days of the week are Tuesday and Thursday.

Mutual Aid

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<i>Aid Given or Received</i>	Date Range#1		Date Range#2	
	01/01/2015 - 12/31/2015		01/01/2016 - 12/31/2016	
	<i># of Inc</i>	<i>% of Total</i>	<i># of Inc</i>	<i>% of Total</i>
Mutual aid received	25	8.96%	18	6.47%
Mutual aid given	25	8.96%	13	4.68%
Automatic aid given	1	0.36%	1	0.36%
None	228	81.72%	246	88.49%
Total	279	100.00%	278	100.00%



Mutual aid request are made when additional resources or staffing are needed that exceed 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. There was a slight decrease of mutual aid requests as compared to 2015. The mutual aid requests listed above are for fire calls only.

Emergency Medical Services



EMS Runs by City

Runs by City 2016

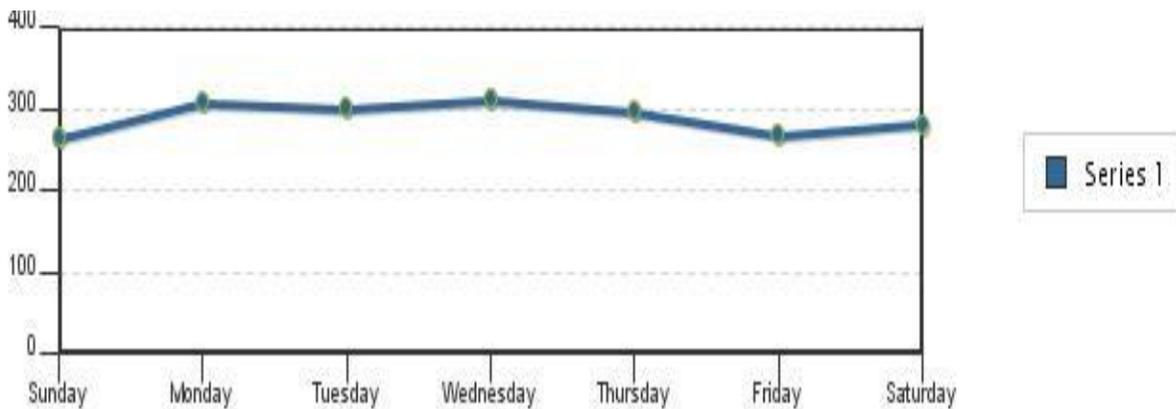
City	# of Runs	% of Runs
Big Bend	17	0.84%
Burlington	1	0.05%
Eagle	54	2.67%
East Troy	244	12.08%
Elkhorn	1	0.05%
Genesee	1	0.05%
Mukwonago	1463	72.43%
Mukwonago (Town of)	212	10.50%
North Prairie	14	0.69%
Palmyra	1	0.05%
Vernon (Town of)	6	0.30%
Waterford	4	0.20%
WAUKESHA	1	0.05%
Waukesha (Town of)	1	0.05%
Unknown	0	0.00%
Total	2020	100%

2016 Annual Report Mukwonago Fire Department

Times of Call 2016

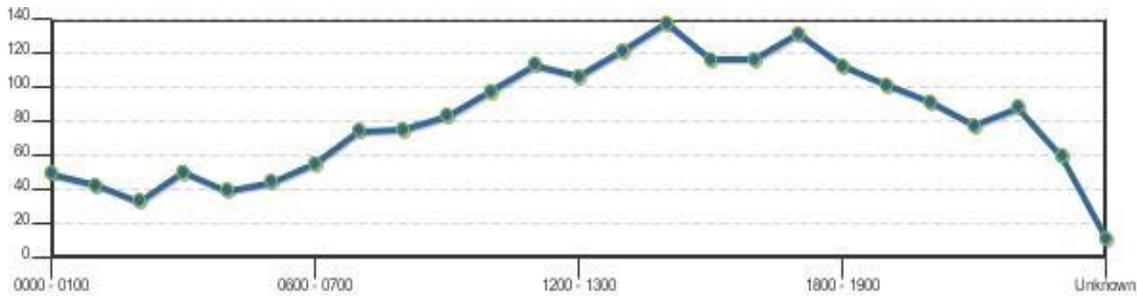
Time Period	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Total	Percentage
0000 - 0100	10	6	10	5	8	6	4	49	2.43%
0100 - 0200	5	5	7	6	4	10	5	42	2.08%
0200 - 0300	6	2	4	5	3	9	4	33	1.63%
0300 - 0400	8	9	5	8	8	4	8	50	2.48%
0400 - 0500	8	6	4	7	9	4	1	39	1.93%
0500 - 0600	7	5	7	5	6	7	7	44	2.18%
0600 - 0700	7	9	8	10	6	8	7	55	2.72%
0700 - 0800	4	15	12	16	10	7	10	74	3.66%
0800 - 0900	10	14	10	7	11	14	9	75	3.71%
0900 - 1000	8	16	14	14	9	12	10	83	4.11%
1000 - 1100	17	10	16	14	13	10	17	97	4.80%
1100 - 1200	11	20	25	17	15	16	9	113	5.59%
1200 - 1300	15	18	17	14	18	11	13	106	5.25%
1300 - 1400	18	18	19	13	22	13	18	121	5.99%
1400 - 1500	19	18	17	16	18	22	27	137	6.78%
1500 - 1600	15	19	17	18	15	10	22	116	5.74%
1600 - 1700	16	16	15	20	16	14	19	116	5.74%
1700 - 1800	14	20	28	16	18	16	19	131	6.49%
1800 - 1900	17	15	10	25	19	15	11	112	5.54%
1900 - 2000	9	16	13	18	16	17	12	101	5.00%
2000 - 2100	12	11	11	19	14	13	11	91	4.50%
2100 - 2200	5	14	15	12	9	7	15	77	3.81%
2200 - 2300	11	17	11	17	14	6	12	88	4.36%
2300 - 2400	7	6	4	8	12	13	9	59	2.92%
Unknown	3	1	1	0	2	3	1	11	0.54%
Total	262	306	300	310	295	267	280	2020	100%

Call Volume by Day of Week 2016



2016 Annual Report Mukwonago Fire Department

Call Volume by Hour of Day 2016



Runs by Primary Role of Unit 2016

Primary Role of Unit	# of Times	% of Times
ALS Ground Transport	1208	59.80%
BLS Ground Transport	333	16.49%
Critical Care Ground Transport	157	7.77%
ERU (Non-Transport)	3	0.15%
Non-Transport	283	14.01%
Not Applicable	1	0.05%
Other Transport	3	0.15%
Private/Public Vehicle/Walk-In	1	0.05%
Roto-Craft Transport	1	0.05%
Transport	30	1.49%
Unknown	0	0.00%
Total	2020	100%

Transport Hospital 2016

Destination	# of Runs	% of Runs
air transport	1	0.05%
Aurora Med Center-West Allis	4	0.20%
AURORA MED CTR-SUMMIT	31	1.53%
Aurora Mem Hosp of Burlington	17	0.84%
CHILDREN'S HOSPITAL OF WI	33	1.63%
Clement J Zablocki VA Medical Center	4	0.20%
ELMBROOK MEMORIAL HOSPITAL	2	0.10%
FROEDTERT MEM. LUTHERAN HSP	28	1.39%
LAKELAND HEALTH CARE CENTER	26	1.29%
MERCY WALWORTH HOSPITAL AND MEDICAL CENTER	1	0.05%
Not Applicable	1	0.05%
not transported	95	4.70%
OCONOMOWOC MEMORIAL HOSPITAL	4	0.20%
ST LUKES MED CTR	16	0.79%
ST LUKES MED CTR-SOUTHSHORE	1	0.05%
WAUKESHA MEMORIAL HOSPITAL	1315	65.10%
WAUKESHA MEMORIAL OUTPATIENT CENTER	149	7.38%
No Destination	292	14.46%
Total	2020	100%

2016 CPR Report

In 2016 our CPR program has continued to exceed student expectations and deliver the necessary information in a detailed but understandable way. We have accomplished this goal by continuing to review new advancements provided by the American Heart Association (AHA). This year the implementation of new 2015 AHA materials, allowed us to update all teachable materials, so the most up to date information can be reflected in our classes. We take pride in being able to provide the most current information to our students so they can be well informed and if necessary make a difference in someone's life. By educating the public it provides our citizens with the knowledge to act in serious circumstances and increase the yield for more positive patient outcomes.

For the 2016 year we taught a total of 20 classes and 147 student's. Our instructors get paid on an hourly basis and we paid out to our instructors a total amount of \$3,600.00 for their services and time. Annual general maintenance was needed for some of our CPR products as well as needed replacement of some supplies, and in all we spent \$187.75. However, this year it was mandatory for all AHA teaching center's to update their teaching materials, upon which this year we replaced our AHA Healthcare Provider BLS, AHA Heartsaver, and AHA ACLS materials to the new updated 2015 course materials which was \$1,320.71. We also had to renew all of our instructor's certifications which need to be monitored by a Gateway Technical College instructor which was \$150.00. The money that was brought in from the CPR classes was \$4,450.00, which led us to an overall financial difference of negative \$808.46. For coming years it is projected that in 2017 we may finally be at a point where the deposits are more comparable to the expenditures. In 2015 we implemented some new prices and standards which did help equalize the CPR budget. However, in 2016 in efforts to further reach a homeostasis we attempted to schedule classes while instructors were on shift which helped further reduce the gap. The CPR program at the Mukwonago Fire Department will continue to improve and provide advance information, in efforts to offer a higher level of quality learning to our students and community members.

The Mukwonago Fire Department

Lieutenant H. Slocum – CPR Liaison

MUKWONAGO FIRE DEPARTMENT CPR PROGRAM

Healthcare Provider : 6 hours			Instructors: \$30/hour		
Heartsaver CPR/AED: 4 hours					
Heartsaver CPR/AED/First Aid: 8 hours					
Healthcare Provider					
Date	Students	Instructor	Deposits	Withdrawls	
13-Feb	2	1	\$0.00	\$0.00	*MFD On Shift
19-Mar	2	1	\$0.00	\$0.00	*MFD On Shift
8-Jul	6	1	\$0.00	\$180.00	*MFD
12-Jul	14	1	\$0.00	\$180.00	*MFD
16-Jul	9	1	\$0.00	\$180.00	*MFD
17-Jul	3	1	\$0.00	\$0.00	*MFD On Shift
25-Jul	21	2	\$840.00	\$360.00	
28-Aug	8	1	\$160.00	\$180.00	*MFD Mix/Instructor
11-Dec	5	1	\$80.00	\$180.00	*MFD Mix
Heartsaver CPR/AED					
Date	Students	Instructor	Deposits	Withdrawls	
26-Jan	6	1	\$280.00	\$120.00	* 1 No Show
10-Feb	4	1	\$160.00	\$0.00	
9-Apr	5	1	\$200.00	\$120.00	
21-Jun	7	1	\$280.00	\$120.00	
28-Jun	8	2	\$320.00	\$0.00	* Instructor Renewal
29-Jun	9	4	\$360.00	\$480.00	* Instructor Renewal
Heartsaver CPR/AED/First Aid					
Date	Students	Instructor	Deposits	Withdrawls	
10-Feb	3	1	\$210.00	\$240.00	
28-Jun	2	2	\$140.00	\$480.00	
30-Aug	10	2	\$700.00	\$480.00	
Heartsaver First Aid					
Date	Students	Instructor	Deposits	Withdrawls	
22-Feb	11	2	\$600.00	\$240.00	* 4 No Show
Bloodborne Pathogens					
Date	Students	Instructor	Deposits	Withdrawls	
22-Feb	12	2	\$120.00	\$60.00	
Total			\$4,450.00	-\$3,600.00	
Difference			\$850.00		
Purchased Supplies 2016					
Manikin Supplies	\$187.75		Payments	\$4,450.00	
2015 AHA Books	\$1,320.71		Costs	\$3,600.00	
Instructor Monitor	\$150.00		Supplies	\$1,658.46	
				-\$808.46	
Total		\$1,658.46			

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Training Analysis by Category

Class Date Between {01/01/2016} And {12/31/2016}

Category	Classes	Pct of Classes	Attendees	Pct of Attendees	Hours	Pct of Hours
ACLS ACLS Recertification	4	0.96%	18	0.90%	77.00	1.41%
AD01 Administrative Procedures	64	15.35%	83	4.16%	200.50	3.67%
AL Aerial Ladders	1	0.24%	2	0.10%	2.00	0.04%
AO Ambulance Orientation	2	0.48%	17	0.85%	23.00	0.42%
AP01 Pumper Overhaul and Repair	1	0.24%	1	0.05%	1.00	0.02%
AP02 EMS Apparatus Overhaul and Repair	2	0.48%	2	0.10%	14.50	0.27%
AP10 Apparatus Check Procedures	2	0.48%	9	0.45%	16.50	0.30%
BBP Blood Borne Pathogens	2	0.48%	15	0.75%	30.00	0.55%
BDP Blood Draw Procedures	3	0.72%	32	1.60%	37.25	0.68%
CHOFF Chief officer Meeting	3	0.72%	7	0.35%	10.75	0.20%
CM Commission Meeting	6	1.44%	7	0.35%	9.00	0.16%
COT Company Training	1	0.24%	11	0.55%	11.00	0.20%
DISPATCH Dispatch Meeting	2	0.48%	4	0.20%	6.00	0.11%
DM Department Meeting	11	2.64%	200	10.02%	162.75	2.98%
DOC Documentation	6	1.44%	52	2.61%	105.00	1.92%
DOCF Documentation-Fire	1	0.24%	4	0.20%	4.50	0.08%
DT01 General Driver Training	8	1.92%	43	2.15%	107.50	1.97%
EM03 EMS Legal Responsibilities	1	0.24%	12	0.60%	36.00	0.66%
EM12 ALS Training	18	4.32%	132	6.61%	367.50	6.73%
EM13 BLS Training	23	5.52%	229	11.47%	519.00	9.50%
EM15 Critical Care Training	1	0.24%	14	0.70%	90.50	1.66%
EM20 CPR Recertification	10	2.40%	57	2.86%	264.50	4.84%
EM21 Public CPR	8	1.92%	16	0.80%	87.00	1.59%
EMTREF EMT Refresher	1	0.24%	3	0.15%	15.00	0.27%
ES Event Standby	5	1.20%	11	0.55%	28.16	0.52%
FC40 Strategic and Tactical Operations	2	0.48%	18	0.90%	113.00	2.07%
FC90 Incident Command System	1	0.24%	12	0.60%	31.00	0.57%
FIRST First Aid	3	0.72%	6	0.30%	19.00	0.35%
FP01 Fire Prevention	15	3.60%	38	1.90%	62.75	1.15%
FSM Full Time Staff Meeting	2	0.48%	9	0.45%	4.50	0.08%
FT12 DIVE PRACTICE	3	0.72%	13	0.65%	53.50	0.98%
FT13 FF Rescue	3	0.72%	28	1.40%	91.50	1.67%
FU01 Fundamentals of Fire Suppression	1	0.24%	29	1.45%	251.50	4.60%
GL Ground Ladders	1	0.24%	5	0.25%	10.00	0.18%
HO Hydrant Operations	1	0.24%	8	0.40%	17.00	0.31%
HZ50 Decontamination	1	0.24%	3	0.15%	4.50	0.08%
INSTRUCTOR Instructor Training	1	0.24%	1	0.05%	1.75	0.03%
JM Joint Meeting	1	0.24%	2	0.10%	6.00	0.11%
LABOR Labor Laws-FMLA-FSLA-ADA-WC	1	0.24%	1	0.05%	2.50	0.05%
MABAS MABAS Meeting	5	1.20%	5	0.25%	6.75	0.12%

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NNO National Night Out Meeting	1	0.24%	1	0.05%	2.00	0.04%
OD Officer Development	14	3.36%	60	3.01%	175.50	3.21%
OPENHOUSE Open House Committee	1	0.24%	4	0.20%	2.00	0.04%
ORI Orientation	1	0.24%	4	0.20%	26.00	0.48%
PARA OR Paramedic Orientation	1	0.24%	3	0.15%	10.75	0.20%
PARA RE Paramedic Refresher	6	1.44%	6	0.30%	48.50	0.89%
PD Parade Detail	4	0.96%	38	1.90%	72.00	1.32%
PO Pump Operations	5	1.20%	37	1.85%	85.52	1.57%
PPA Positive Pressure Attack	3	0.72%	26	1.30%	80.50	1.47%
PT Promtional Testing	1	0.24%	1	0.05%	1.50	0.03%
RETR Recruit Training	34	8.15%	157	7.87%	820.75	15.02%
RT Recruit Testing	21	5.04%	33	1.65%	78.00	1.43%
S & R Search and Rescue	1	0.24%	11	0.55%	30.00	0.55%
SAFETY Safety Committee	6	1.44%	22	1.10%	24.00	0.44%
SEF Special Event-Fire	18	4.32%	114	5.71%	346.50	6.34%
SSP Safety & Life Skills Program	1	0.24%	2	0.10%	4.00	0.07%
STDBY Standby	2	0.48%	3	0.15%	8.00	0.15%
TC Training Committee	13	3.12%	29	1.45%	50.25	0.92%
TOUR In and out of station tours	8	1.92%	22	1.10%	35.50	0.65%
TRT Technical Rescue	1	0.24%	17	0.85%	32.75	0.60%
ULTRASOUND Ultra Sound	2	0.48%	8	0.40%	16.00	0.29%
VE Vehicle Extrication	5	1.20%	43	2.15%	104.50	1.91%
WATER Water Rescue	14	3.36%	99	4.96%	279.50	5.12%
WCFCA Waukesha Fire Chief's Association	6	1.44%	6	0.30%	14.50	0.27%
WD01 Work Detail	12	2.88%	45	2.25%	98.50	1.80%
WD02 Work Detail-EMS	2	0.48%	2	0.10%	11.50	0.21%
WEMSA Wisconsin EMS Association	1	0.24%	1	0.05%	2.00	0.04%
WILD Wildland Firefighting	5	1.20%	42	2.10%	98.00	1.79%
Totals	417		1996		5,463.18	

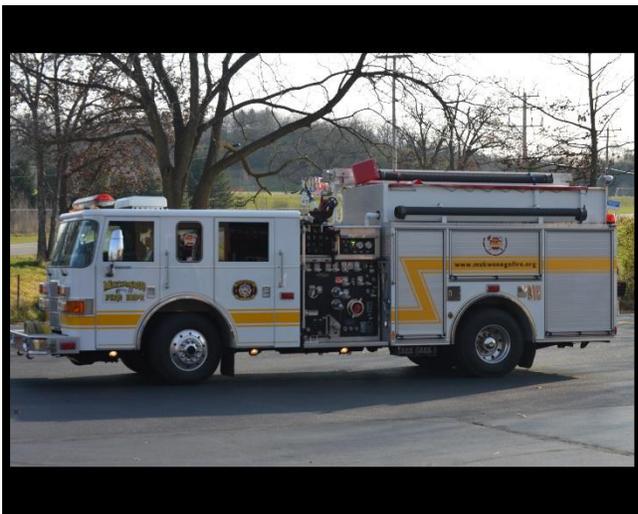
The above chart indicates all the hours of trainings, meetings and personal development MFD members attend throughout the last year. Emergency services are very demanding and continuous training is required to keep up with ever changing challenges members will encounter. A total of 5,463.18 hours of training completed for 2016.

Engines



Vehicle: 3461 – Spartan Darley
Year Purchased: 1990
Approximate Cost: \$ 190,000
Replacement Year: 2018
Replacement Cost: \$ 650,000

Vehicle: 3462 – 2002 Pierce Enforcer
Year Purchased: 2002
Approximate Cost: \$ 285,000
Replacement Year: 2027
Replacement Cost: \$ 425,000



Vehicle: 3463 – 2001 Pierce Enforcer Rescue Style
Pumper
Year Purchased: 2008
Approximate Cost: \$ 198,000
Replacement Year: 2026
Replacement Cost: \$ 425,000

Specialty Apparatus

Vehicle: 3471 – Rosenbauer Cobra 101'
Year Purchased: 2013
Approximate Cost: \$ 775,000
Replacement Year: 2038
Replacement Cost: \$ 975,000



Vehicle: 3482 – Ford F350
Year Purchased: 2016
Approximate Cost: \$ 37,819
Replacement Year: 2035
Replacement Cost: \$ 45,000

Vehicle: 3484 – 2008 6x6 and Trailer
Year Purchased: 2014
Approximate Cost: \$ 6,695
Replacement Year: 2028
Replacement Cost: \$ 20,000



Water Operations (Ice and open water)



Vehicle: 3496 – 1998 Rescue One
Year Purchased: 1997
Approximate Cost: \$ 13,000
Replacement Year: 2024
Replacement Cost: \$30,000

Vehicle: 3487 – 2000 Freightliner Med Tec
Year Purchased: 2000
Approximate Cost: \$ 130,000
Replacement Year: TBD
Replacement Cost: \$ TBD



Personnel Vehicles



Vehicle: 3481 – Chevrolet
Year Purchased: 1989
Approximate Cost: \$ 10,000
Replacement Year: 2020
Replacement Cost: \$40,000

Vehicle: 3488 – Chevrolet Tahoe
Year Purchased: 2015
Approximate Cost: \$45,000
Replacement Year: 2023
Replacement Cost: \$45,000



Vehicle: Car 1- 2015 Ford Interceptor
Year Purchased: 2014
Approximate Cost: \$30,000
Replacement Year: 2022
Replacement Cost: \$38,000



Vehicle: Car 2 – Chevrolet Suburban
Year Purchased: 2009
Approximate Cost: \$30,000
Replacement Year: 3488 will be rotated to this position
Replacement Cost: \$ 0.00

Ambulances

Vehicle: 3451 – 2016 Med Tec Ford E-450
Year Purchased: 2016
Approximate Cost: \$ 142,000
Replacement Year: 2022
Replacement Cost: \$ 185,000



Vehicle: 3452 – 2012 Med Tec Chevrolet 4500
Year Purchased: 2012
Approximate Cost: \$ 146,000
Replacement Year: 2017
Replacement Cost: \$ 185,000

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Vehicle: 3453 – 2009 Med Tec Ford E-350
Year Purchased: 2009
Approximate Cost: \$ 130,000
Replacement Year: 2019
Replacement Cost: \$ 145,000 (Remount)

