

Mukwonago Fire Department Annual Report 2017

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Table of Contents

Mission/ Vision Statement.....3

Core Values.....4

Chief’s Report.....5

Role of Mukwonago Fire Department Personnel.....6

Executive Summary.....9

Fire

Total Number of Incidents.....10

Fire Incidents by District.....11

Fire Incident Type.....12

Fire Incident Alarm Time Analysis.....13

Fire Incident by Day of the Week/Shift.....14

Fire Loss and Saved.....15

Mutual Aid Received/Given.....15

Emergency Medical Services

EMS Runs by City.....17

Times of EMS calls by Day of the Week.....18

Ambulance Primary Role of Unit.....20

Transport Hospital.....21

CPR Report.....22

Training

Training Analysis.....24

Apparatus

Engines.....26

Specialty Apparatus.....27

Water Operations.....28

Personnel Vehicles.....29

Ambulances.....31



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 2017, MFD total call volume reached 2399 calls. That is a 4.4% increase from 2016. This was the second full year of inter-facility transports. MFD had 871 inter-facility transports and had 1,246 911 EMS requests. We had a 6.7% increase in inter-facility transports due to individuals going to the Mukwonago ER for evaluation instead of requesting 911. In May MFD responded to a 12 unit apartment complex that was under construction that was full involved and burnt to the ground. State investigators ruled the fire undetermined but suspicious due to the fact there were no utilities present. MABAS was used, no injuries or fatalities. Less than a week later we had a two story residential structure fire that crews were able to contain to moderate damage to the second floor and attic. No injuries or fatalities.

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. Of the part time staff 65% reside outside the initial response area. We have seen an increasing trend of staff coming from outside the village and town of Mukwonago. POC membership is declining nationally and MFD not immune to this trend. We have seen a cultural change towards paid part time staff during the daytime hours seven days a week. The struggle is that area departments are competing for the same pool of POP staff. We will continue to monitor the changing staffing levels and call volumes. MFD took delivery of a new ambulance that replaced 3452 and was placed into service. 3453, 2010 Med Tech has been dedicated for inter-facility transports. MFD has been established a Building Committee to address the future needs of the department. We anticipate going out for a Station 1 addition and remodel in January 2018. I encourage everyone to stop in and see the new apparatus. All of the portable radios were replaced to meet the new digital requirements and radio systems and were placed into service in December. Motorola funded the majority of this project with a third of the costs by MFD. MFD received a WIDNR grant and purchased two dual band mobiles for the Command vehicles.

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

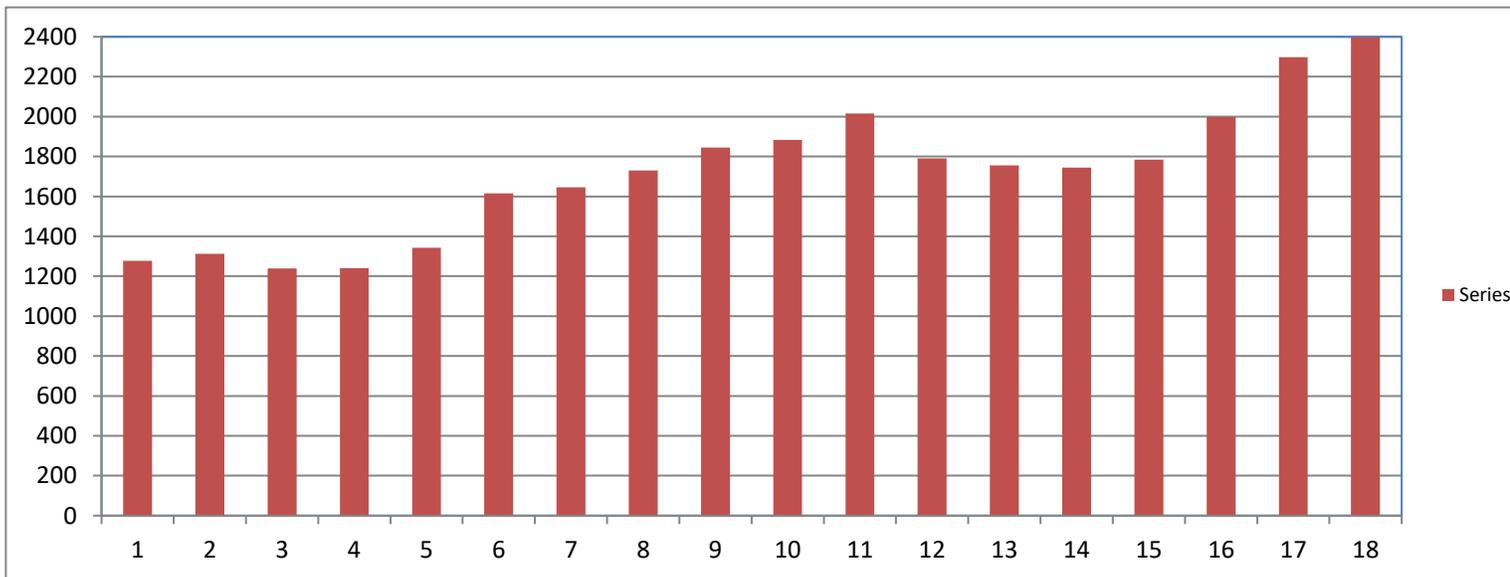
Putting necessary items into place to expedite the response of Mukwonago Fire Department in the event of an emergency and safely mitigate any incident.

- 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

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
2017	2399	4.4	2117	4.8	282	1.4



Fire



Total Number of Incidents 282

Fire Incidents by District

District	Date Range#1		Date Range#2	
	01/01/2016 - 12/31/2016		01/01/2017 - 12/31/2017	
	# of Inc	% of Total	# of Inc	% of Total
1-Fire District 1	17	6.42%	23	8.19%
2-Fire District 2	22	8.30%	14	4.98%
3-Fire District 3	30	11.32%	29	10.32%
4-Fire District 4	185	69.81%	190	67.62%
BUR-Burlington FD	0	0.00%	1	0.36%
CWF-City of Waukesha FD	0	0.00%	1	0.36%
D1-District 1	0	0.00%	1	0.36%
EFD-Eagle Fire	4	1.51%	7	2.49%
ETF-East Troy Fire	3	1.13%	3	1.07%
KAN-Kansasville FD	0	0.00%	2	0.71%
LGF-Lake Geneva FD	0	0.00%	1	0.36%
NPF-North Prairie FD	0	0.00%	3	1.07%
TES-Tess Corners FD	0	0.00%	1	0.36%
VER-Vernon FD	1	0.38%	1	0.36%
WG-Wales-Genesee FD	1	0.38%	2	0.71%
WLF-Wind Lake FD	0	0.00%	1	0.36%
WWF-Whitewater FD	2	0.75%	1	0.36%
Total	265	100.00%	281	100.00%

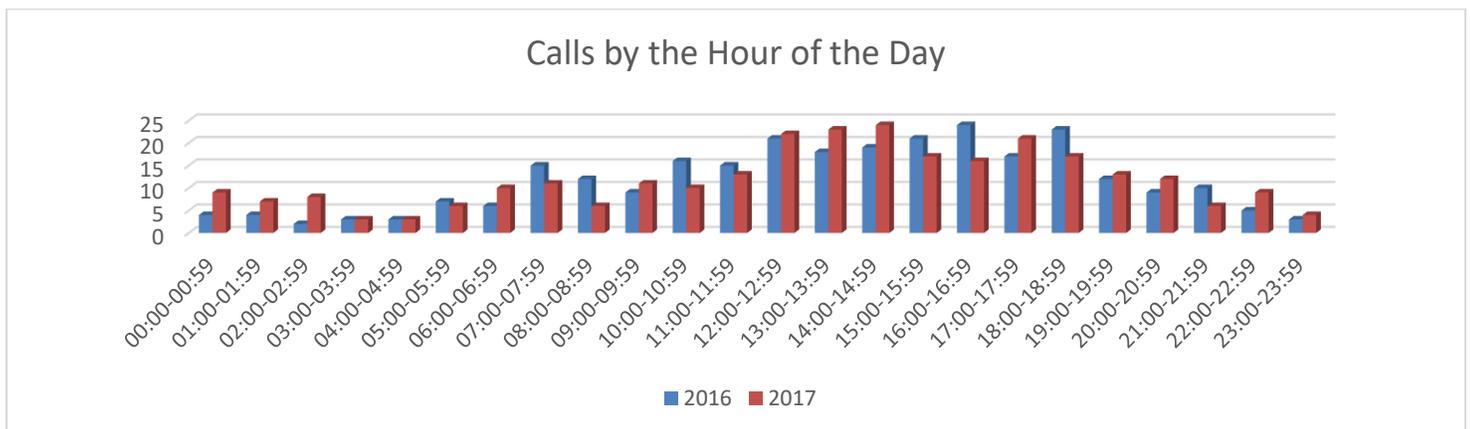
Fire District 1, 2, 3 are the Town of Mukwonago and District 4 is the Village of Mukwonago.

Types of Incidents

Incident Type Group	Date Range#1		Date Range#2	
	01/01/2016 - 12/31/2016		01/01/2017 - 12/31/2017	
	# of Inc	% of Total	# of Inc	% of Total
10 - Fire, other	0	0.00%	1	0.35%
11 - Structure Fire	24	8.63%	27	9.57%
13 - Mobile property (vehicle) fire	7	2.52%	1	0.35%
14 - Natural vegetation fire	8	2.88%	8	2.84%
15 - Outside rubbish fire	2	0.72%	1	0.35%
16 - Special outside fire	0	0.00%	2	0.71%
17 - Cultivated vegetation, crop fire	1	0.36%	1	0.35%
25 - Excessive heat, scorch burns with no ignition	4	1.44%	1	0.35%
31 - Medical assist	8	2.88%	5	1.77%
32 - Emergency medical service (EMS)	55	19.78%	60	21.28%
33 - Lock-In	0	0.00%	1	0.35%
34 - Search for lost person	1	0.36%	3	1.06%
35 - Extrication, rescue	3	1.08%	2	0.71%
36 - Water or ice-related rescue	5	1.80%	2	0.71%
38 - Rescue or EMS standby	1	0.36%	0	0.00%
41 - Combustible/flammable spills & leaks	11	3.96%	12	4.26%
42 - Chemical release, reaction, or toxic condition	8	2.88%	2	0.71%
44 - Electrical wiring/equipment problem	6	2.16%	11	3.90%
46 - Accident, potential accident	11	3.96%	4	1.42%
50 - Service call, other	0	0.00%	3	1.06%
51 - Person in distress	1	0.36%	0	0.00%
52 - Water problem	0	0.00%	2	0.71%
53 - Smoke, odor problem	0	0.00%	1	0.35%
55 - Public service assistance	8	2.88%	2	0.71%
56 - Unauthorized burning	1	0.36%	1	0.35%
57 - Cover assignment, standby at fire station, move-up	2	0.72%	5	1.77%
60 - Good intent call, other	2	0.72%	1	0.35%
61 - Dispatched and canceled enroute	28	10.07%	22	7.80%
63 - Controlled burning	1	0.36%	3	1.06%
65 - Steam, other gas mistaken for smoke	0	0.00%	5	1.77%
67 - Hazmat release investigation w/ no hazmat	11	3.96%	11	3.90%
70 - False alarm and false call, other	2	0.72%	6	2.13%
73 - System or detector malfunction	20	7.19%	29	10.28%
74 - Unintentional system/detector operation - no fire	44	15.83%	41	14.54%
81 - Severe weather or natural disaster	1	0.36%	1	0.35%
90 - Special type of incident	2	0.72%	4	1.42%
91 - Citizen complaint	0	0.00%	1	0.35%
Total	278	100.00%	282	100.00%

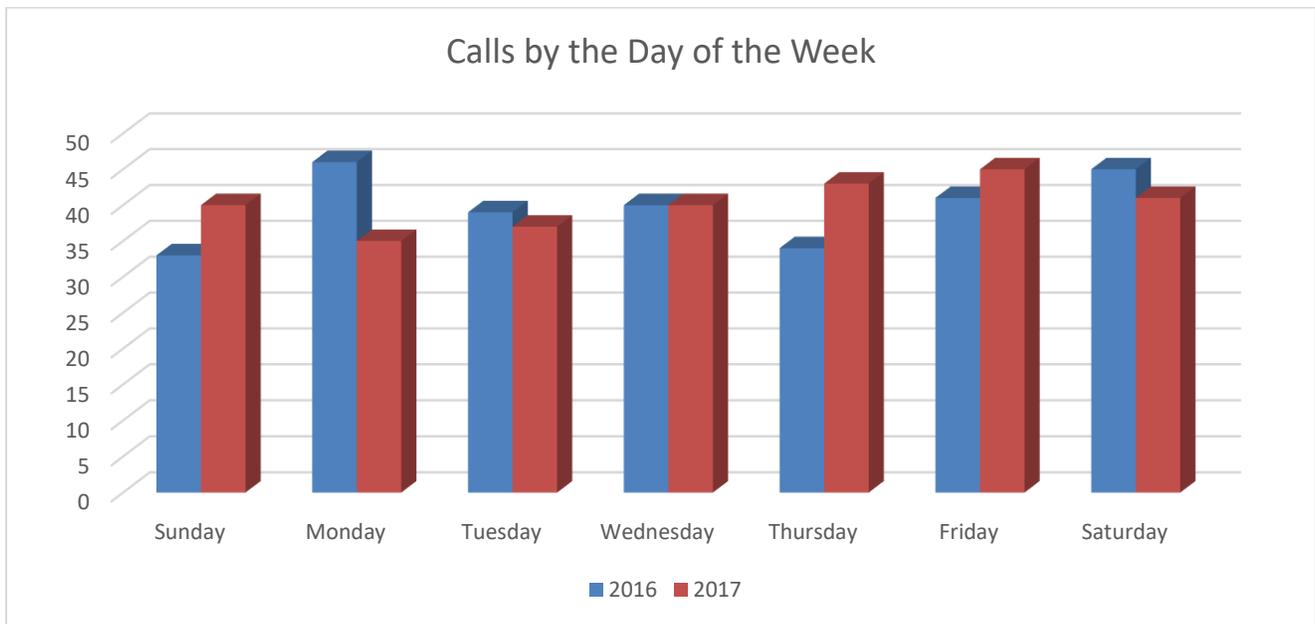
Fire Incidents Alarm Time Analysis

Time Period	2016 Calls	2017 Calls
00:00-00:59	4	9
01:00-01:59	4	7
02:00-02:59	2	8
03:00-03:59	3	3
04:00-04:59	3	3
05:00-05:59	7	6
06:00-06:59	6	10
07:00-07:59	15	11
08:00-08:59	12	6
09:00-09:59	9	11
10:00-10:59	16	10
11:00-11:59	15	13
12:00-12:59	21	22
13:00-13:59	18	23
14:00-14:59	19	24
15:00-15:59	21	17
16:00-16:59	24	16
17:00-17:59	17	21
18:00-18:59	23	17
19:00-19:59	12	13
20:00-20:59	9	12
21:00-21:59	10	6
22:00-22:59	5	9
23:00-23:59	3	4



Fire Incidents by the Day of the Week

Day of Week	2016 Calls	2017 Calls
Sunday	33	40
Monday	46	35
Tuesday	39	37
Wednesday	40	40
Thursday	34	43
Friday	41	45
Saturday	45	41



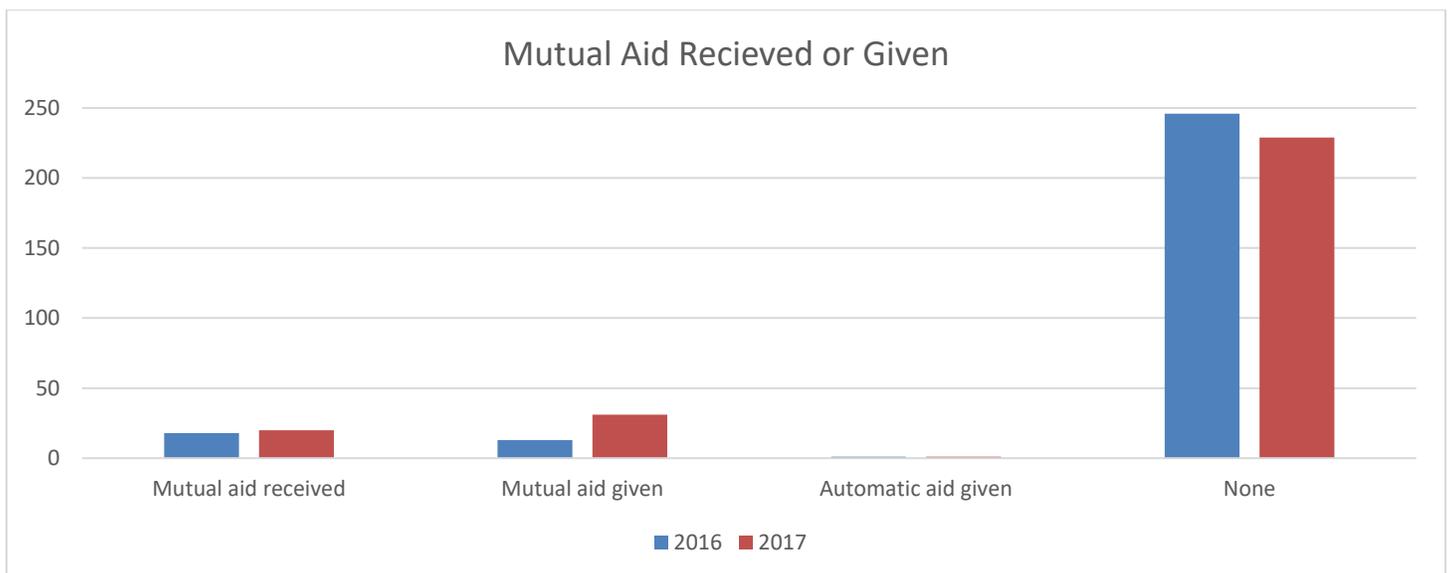
The charts above indicate that the heaviest call volumes are during 1200-1900hrs. The busiest days of the week are Thursday and Friday for 2017.

Estimated Loss vs. Value

Incident Type Group	# of Inc	Estimated Value		Estimated Loss		
		Prop Amt	Cont Amt	Property	Contents	Total Loss
111 - Building fire	20	\$1,377,900.00	\$72,500.00	\$1,170,100.00	\$36,500.00	\$1,206,600.00
113 - Cooking fire, confined to container	3	\$690,000.00	\$10,500.00	\$1,000.00	\$2,500.00	\$3,500.00
100 - Fire, other	1	\$302,300.00	\$1,000,000.00	\$0.00	\$100,000.00	\$100,000.00
412 - Gas leak (natural gas or LPG)	6	\$300,000.00	\$25,000.00	\$5,000.00	\$0.00	\$5,000.00
814 - Lightning strike (no fire)	1	\$284,100.00	\$30,000.00	\$200.00	\$1,000.00	\$1,200.00
131 - Passenger vehicle fire	1	\$3,000.00	\$200.00	\$3,000.00	\$200.00	\$3,200.00
160 - Special outside fire, other	1	\$122,800.00	\$25,000.00	\$10,000.00	\$0.00	\$10,000.00
Totals :		\$3,080,100.00	\$1,163,200.00	\$1189300.00	\$140200.00	\$1329500.00

Fire Mutual Aid Received and Given

<i>Aid Given or Received</i>	<i># of Inc</i>	<i>% of Total</i>	<i># of Inc</i>	<i>% of Total</i>
Mutual aid received	18	6.47%	20	7.12%
Mutual aid given	13	4.68%	31	11.03%
Automatic aid given	1	0.36%	1	0.36%
None	246	88.49%	229	81.49%
Total	278	100.00%	281	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 2016. The mutual aid requests listed above are for fire calls only.

Emergency Medical Services



EMS Runs by City

Runs by City 2017

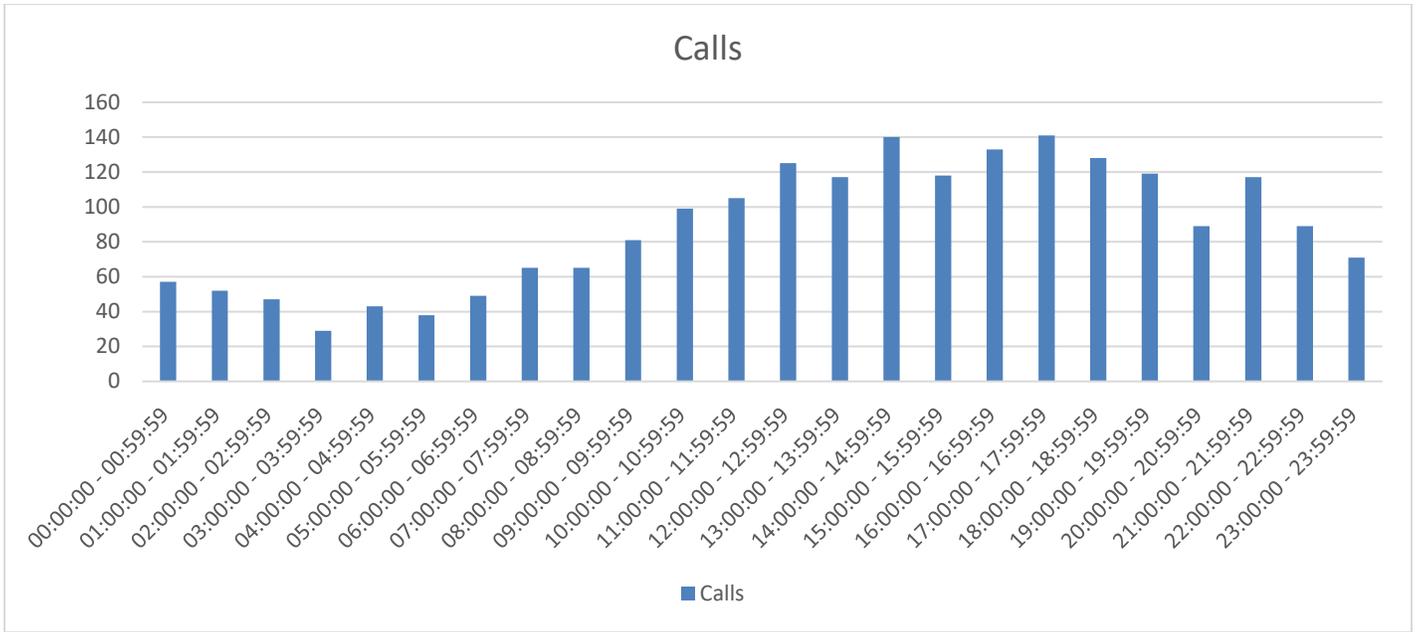
Scene Incident City Name (eScene.17)	Number of Runs	Percent of Total Runs
Village of Mukwonago	1,545	72.98%
Town of Mukwonago	239	11.29%
East Troy	223	10.53%
Eagle	59	2.79%
Village of North Prairie	23	1.09%
Big Bend	13	0.61%
Vernon	5	0.24%
Waterford	4	0.19%
Browns Lake Census Designated Place	1	0.05%
City of Burlington	1	0.05%
City of Milwaukee	1	0.05%
Palmyra	1	0.05%
Village of East Troy	1	0.05%
Waukesha	1	0.05%
Total:	2,117	100.00%

2017 Annual Report Mukwonago Fire Department

Times of Day of Call 2017

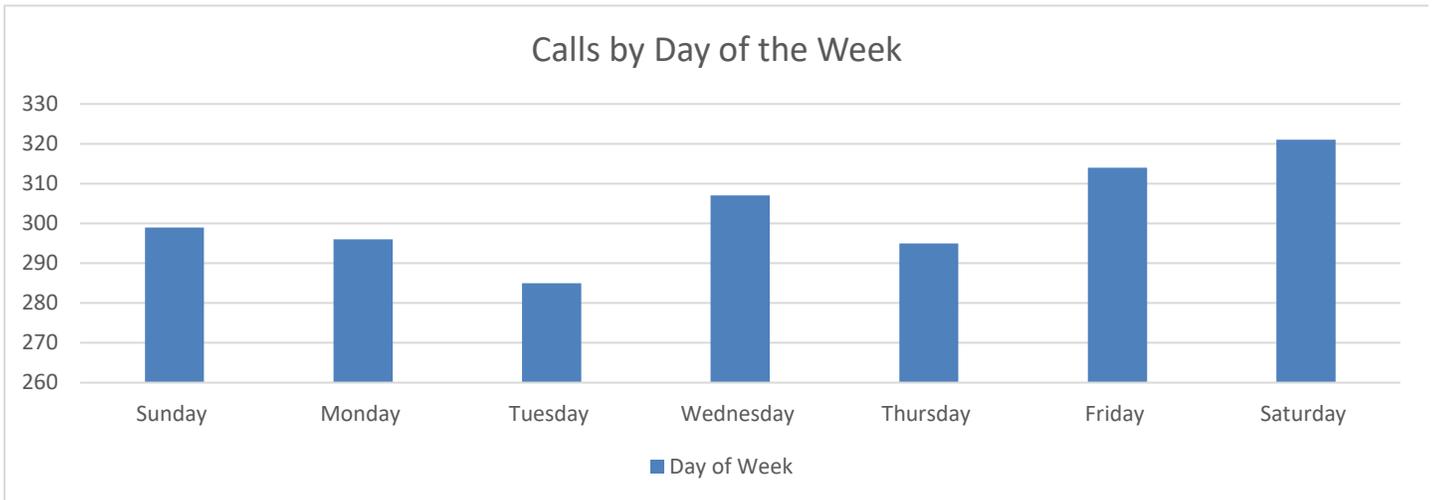
Incident Hour Range Of Day 24	Number of Runs	Percent of Total Runs
00:00:00 - 00:59:59	57	2.69%
01:00:00 - 01:59:59	52	2.46%
02:00:00 - 02:59:59	47	2.22%
03:00:00 - 03:59:59	29	1.37%
04:00:00 - 04:59:59	43	2.03%
05:00:00 - 05:59:59	38	1.79%
06:00:00 - 06:59:59	49	2.31%
07:00:00 - 07:59:59	65	3.07%
08:00:00 - 08:59:59	65	3.07%
09:00:00 - 09:59:59	81	3.83%
10:00:00 - 10:59:59	99	4.68%
11:00:00 - 11:59:59	105	4.96%
12:00:00 - 12:59:59	125	5.90%
13:00:00 - 13:59:59	117	5.53%
14:00:00 - 14:59:59	140	6.61%
15:00:00 - 15:59:59	118	5.57%
16:00:00 - 16:59:59	133	6.28%
17:00:00 - 17:59:59	141	6.66%
18:00:00 - 18:59:59	128	6.05%
19:00:00 - 19:59:59	119	5.62%
20:00:00 - 20:59:59	89	4.20%
21:00:00 - 21:59:59	117	5.53%
22:00:00 - 22:59:59	89	4.20%
23:00:00 - 23:59:59	71	3.35%
	Total: 2,117	Total: 100.00%

2017 Annual Report Mukwonago Fire Department



Call Volume by Day of Week 2017

Incident Day Name	Number of Runs	Percent of Total Runs
Sunday	299	14.12%
Monday	296	13.98%
Tuesday	285	13.46%
Wednesday	307	14.50%
Thursday	295	13.93%
Friday	314	14.83%
Saturday	321	15.16%
Total:	2,117	100.00%



2017 Annual Report Mukwonago Fire Department

Runs by Primary Role of Unit 2017

Response Primary Role Of Unit	Runs	Percent
ALS Ground Transport	881	41.62%
ALS Ground Transport DNG	418	19.74%
ALS Ground Transport Other	18	0.85%
Critical Care Ground Transport DNG	192	9.07%
Critical Care Ground Transport Other	11	0.52%
BLS Ground Transport	120	5.67%
BLS Ground Transport DNG	218	10.30%
BLS Ground Transport Other	15	0.71%
Non-Transport	244	11.53%
Total	2117	100.00%

Note: Antibiotic calls were re-classified
June 2017

2017 Annual Report Mukwonago Fire Department

Transport Hospital 2017

AURORA LAKELAND MED CTR	4	0.19%
Aurora Lakeland Medical Center	12	0.57%
AURORA MED CTR-SUMMIT	7	0.33%
Aurora Medical Center - Summit	27	1.28%
Aurora Medical Center - West Allis	2	0.09%
Aurora Mem Hosp of Burlington	10	0.47%
CHILDREN'S HOSPITAL OF WI	11	0.52%
Children's Hospital of Wisconsin (CHOW)	19	0.90%
Clement J Zablocki VA Medical Center	3	0.14%
Columbia St Mary's - Milwaukee	4	0.19%
Elmbrook Memorial Hospital	5	0.24%
Fort Memorial Hospital	1	0.05%
FROEDTERT MEM. LUTHERAN HSP	3	0.14%
Froedtert Memorial Lutheran Hospital	29	1.37%
Mercy Walworth Hospital And Medical Center	2	0.09%
Not Transported	430	9.07%
Oconomowoc Memorial Hospital	16	0.76%
ROGERS MEMORIAL HOSP. INC.	1	0.05%
St Francis-Wheaton Franciscan-Milwaukee	2	0.09%
ST LUKES MED CTR	2	0.09%
St. Lukes Medical Center	8	0.38%
WAUKESHA CO. MENTAL HLT CTR	1	0.05%
Waukesha Memorial Hospital	1,359	64.19%
WAUKESHA MEMORIAL OUTPATIENT CENTER	159	7.51%

Total **2,117 100%**

2017 CPR Report

In 2017 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). We take pride in being able to provide the most current information to our students so they can be well informed and 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 2017 year we taught a total of 10 classes, educating a total number of 90 student's. Our instructors get paid on an hourly basis and we paid out to our instructors a total amount around \$3,330.00 for their services and time. Annual general maintenance was needed for some of our CPR products as well as needed replacement of some CPR supplies. This year we purchased the new 2015 AHA Bloodborne Pathogen material, and we were able to purchase four new adult manikins and a training AED, for an overall total cost for all CPR supplies of \$1,249.66. The money that was brought in from the CPR classes was \$4,570.00, which led us to an overall financial difference of negative \$9.66. As hypothesized last year our CPR program has now reached a point where our expenditures are comparable with our deposits. This can be attributed to the new prices and standards that were implemented in 2015, but also by attempting to schedule classes while instructors were on shift which was implemented in 2016. However, at the end of 2017 AHA increased their prices which we have had to reflect in our pricing and below are the new prices for each respective certification per student. Each student however, will now receive a student manual which contains an overview of the entire course for their respective class that they will have to keep for future reference.

- Heartsaver CPR / AED	\$60	5 hours
- Heartsaver First Aid	\$60	5 hours
- Heartsaver CPR / AED / First Aid	\$90	9 hours
- BLS Provider	\$60	6 hours
- Bloodborne Pathogen	\$10	1 hour

In the upcoming years we are looking into adding additional instructor's and exploring more ways to let the community know the types of trainings we offer, so more people can make a difference. The CPR program at the Mukwonago Fire Department will continue to improve and provide advanced information, in efforts to offer a higher quality of learning to our students and community members.

The Mukwonago Fire Department

Lieutenant H. Slocum – CPR Liaison

Email: learncpr@mukwonagofire.org

MUKWONAGO FIRE DEPARTMENT CPR PROGRAM

Healthcare Provider : 6 hours
Heartsaver CPR/AED: 5 hours
Heartsaver CPR/AED/First Aid: 9 hours

Instructors: \$30/hour

AHA BLS

Date	Students	Instructor
2-Feb	7	2
17-Mar	2	2
16-Dec	23	4
22-Dec	3	1

Deposits	Withdrawals
\$280.00	\$180.00
\$80.00	\$180.00
\$1,080.00	\$720.00
\$0.00	\$180.00

* 1 MFD on Shift
 * 1 MFD on Shift
 * 4 No Show
 * MFD

Heartsaver CPR/AED

Date	Students	Instructor
14-Jan	1	1
29-Apr	2	1
18-Nov	10	2

\$40.00	\$0.00
\$80.00	\$120.00
\$600.00	\$240.00

* Combined

Heartsaver CPR/AED/First Aid

Date	Students	Instructor
14-Jan	1	1
29-Apr	3	1
20-Sep	14	2
29-Sep	14	3

\$70.00	\$240.00
\$210.00	\$240.00
\$1,050.00	\$480.00
\$980.00	\$720.00

* Combined
 * 1 No Show

Other Classes

Date	Students	Instructor
13-Jul	10	1

\$100.00	\$30.00
----------	---------

Total	\$4,570.00	-\$3,330.00
Difference	\$1,240.00	

Purchased Supplies 2017

Adult CPR Manikins	\$431.65
LifePak AED Trainer	\$432.68
CPR Supplies	\$232.38
AHA Books	\$152.95
Total	\$1,249.66

Payments	\$4,570.00
Costs	\$3,330.00
Supplies	\$1,249.66
	-\$9.66

Mukwonago Fire Department

Training Analysis by Category

Class Date Between {01/01/2017} And {12/31/2017}

Category	Classes	Pct of Classes	Attendees	Pct of Attendees	Hours	Pct of Hours
AC Apparatus Committee	3	0.78%	9	0.51%	47.00	1.06%
AD01 Administrative Procedures	77	20.15%	84	4.77%	209.75	4.74%
AL Aerial Ladders	2	0.52%	16	0.90%	33.25	0.75%
AO Ambulance Orientation	3	0.78%	12	0.68%	61.50	1.39%
BA60 SCBA Donning Methods	1	0.26%	8	0.45%	15.50	0.35%
BUILD Building Committee	8	2.09%	31	1.76%	46.75	1.05%
CISD Critical Incident Stress Debriefing	1	0.26%	11	0.62%	22.00	0.49%
CM Commission Meeting	3	0.78%	4	0.22%	3.25	0.07%
COM Communications and Radios	8	2.09%	40	2.27%	96.00	2.17%
CPRIR CPR Instructor Recertification	1	0.26%	2	0.11%	7.00	0.15%
CVA CVA-Stroke	1	0.26%	20	1.13%	49.50	1.11%
DM Department Meeting	11	2.87%	196	11.13%	179.50	4.06%
DOC Documentation	3	0.78%	23	1.30%	33.50	0.75%
DOCF Documentation-Fire	1	0.26%	2	0.11%	5.00	0.11%
DT01 General Driver Training	4	1.04%	19	1.07%	41.00	0.92%
EL01 Electrical Safety	1	0.26%	1	0.05%	3.50	0.07%
EM02 ALS Skills Testing	1	0.26%	6	0.34%	36.00	0.81%
EM06 Respiratory System	1	0.26%	10	0.56%	14.00	0.31%
EM11 WMD/HIPPA/BLOODB	4	1.04%	33	1.87%	57.75	1.30%
EM12 ALS Training	12	3.14%	121	6.87%	332.75	7.52%
EM13 BLS Training	9	2.35%	88	5.00%	156.00	3.52%
EM20 CPR Recertification	2	0.52%	8	0.45%	30.00	0.67%
EM21 Public CPR	9	2.35%	18	1.02%	120.75	2.73%
EMTREF EMT Refresher	4	1.04%	28	1.59%	210.00	4.75%
ES Event Standby	7	1.83%	14	0.79%	41.50	0.93%
EVALUATIONS Evaluations	3	0.78%	16	0.90%	25.50	0.57%
FC40 Strategic and Tactical Operations	7	1.83%	57	3.23%	110.00	2.48%
FI01 Fire Inspections	2	0.52%	19	1.07%	37.75	0.85%
FP01 Fire Prevention	20	5.23%	67	3.80%	132.75	3.00%
FU01 Fundamentals of Fire Suppression	1	0.26%	5	0.28%	12.00	0.27%
GL Ground Ladders	2	0.52%	6	0.34%	7.00	0.15%
HO Hydrant Operations	2	0.52%	14	0.79%	29.00	0.65%
HOSE Hose Advancement	2	0.52%	13	0.73%	21.50	0.48%
HS Helicopter Safety	1	0.26%	12	0.68%	18.00	0.40%
LIVEFIRE Live Fire training	2	0.52%	22	1.25%	196.50	4.44%
MABAS MABAS Meeting	7	1.83%	7	0.39%	27.00	0.61%
MED Medication Review	1	0.26%	4	0.22%	6.00	0.13%
NNO National Night Out Meeting	1	0.26%	1	0.05%	1.50	0.03%
OD Officer Development	14	3.66%	61	3.46%	63.76	1.44%
ORI Orientation	1	0.26%	5	0.28%	10.00	0.22%

Mukwonago Fire Department

Training Analysis by Category

Class Date Between {01/01/2017} And {12/31/2017}

Category	Classes	Pct of Classes	Attendees	Pct of Attendees	Hours	Pct of Hours
PALS PALS Recertification	1	0.26%	9	0.51%	63.00	1.42%
PARA OR Paramedic Orientation	2	0.52%	8	0.45%	33.00	0.74%
PARA RE Paramedic Refresher	5	1.30%	5	0.28%	40.00	0.90%
PD Parade Detail	5	1.30%	40	2.27%	100.00	2.26%
PIPEMERG Pipeline Emergencies	1	0.26%	1	0.05%	2.00	0.04%
PO Pump Operations	2	0.52%	12	0.68%	26.00	0.58%
PPE Personal Protective Equipment	2	0.52%	14	0.79%	31.00	0.70%
PREPLAN Pre-Plan	2	0.52%	38	2.15%	78.50	1.77%
RETR Recruit Training	18	4.71%	83	4.71%	364.25	8.24%
RIT RIT/MayDay Operations	2	0.52%	15	0.85%	34.00	0.76%
RT Recruit Testing	21	5.49%	30	1.70%	63.75	1.44%
RTF Rescue Task Force	1	0.26%	22	1.25%	63.50	1.43%
RWO Rural Water Operations	1	0.26%	9	0.51%	28.00	0.63%
SEF Special Event-Fire	18	4.71%	79	4.48%	256.50	5.80%
STDBY Standby	3	0.78%	9	0.51%	33.50	0.75%
SWS Suburban Water Movement	1	0.26%	13	0.73%	29.50	0.66%
TC Training Committee	9	2.35%	16	0.90%	25.00	0.56%
THPREP Training House Preparation	4	1.04%	14	0.79%	27.00	0.61%
TOUR In and out of station tours	6	1.57%	22	1.25%	40.00	0.90%
ULTRASOUND Ultra Sound	3	0.78%	16	0.90%	30.00	0.67%
VE Vehicle Extrication	7	1.83%	61	3.46%	159.75	3.61%
VENTILATOR Ventilator Operations	2	0.52%	15	0.85%	20.25	0.45%
WATER Water Rescue	8	2.09%	45	2.55%	145.00	3.28%
WCFCFA Waukesha Fire Chief's Association	5	1.30%	6	0.34%	8.00	0.18%
WD01 Work Detail	7	1.83%	29	1.64%	70.50	1.59%
WILD Wildland Firefighting	3	0.78%	36	2.04%	97.50	2.20%
Totals	382		1760		4,420.51	

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 4,420.51 hours of training completed for 2017.

Engines



Vehicle: 3461 – Spartan Darley
Year Purchased: 1990
Approximate Cost: \$ 190,000
Replacement Year: Retire-Discontinue 2021
Replacement Cost: \$ 0.00

Vehicle: 3462 – 2002 Pierce Enforcer
Year Purchased: 2002
Approximate Cost: \$ 285,000
Replacement Year: 2031
Replacement Cost: \$ 425,000



Vehicle: 3463 – 2001 Pierce Enforcer Rescue Style
Pumper
Year Purchased: 2008
Approximate Cost: \$ 198,000
Replacement Year: 2026
Replacement Cost: \$ 650,000 (Pumper-Tender)

Specialty Apparatus

Vehicle: 3471 – Rosenbauer Cobra 101'
Year Purchased: 2013
Approximate Cost: \$ 775,000
Replacement Year: 2038
Replacement Cost: \$ 1,000,000



Vehicle: 3492 – GMC/Monroe Tender
Year Purchased: 1986
Approximate Cost: Unknown
Replacement Year: 2021
Replacement Cost: \$ 365,000



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: \$40,000

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

2017 Annual Report Mukwonago Fire Department

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: \$40,000



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: \$ 225,000 new



Vehicle:
Year



3452 – 2017 Horton E-450
Purchased: 2017
Approximate Cost: \$ 196,000
Replacement Year: 2023
Replacement Cost: \$ 130,000 remount

2017 Annual Report Mukwonago Fire Department

Vehicle: 3453 – 2009 Med Tec Ford E-350
Year Purchased: 2009
Approximate Cost: \$ 130,000
Replacement Year: 2019
Replacement Cost: \$ 180,000 remount

