

# Mukwonago Fire Department 2007 Annual Report

[www.mukwonagofire.org](http://www.mukwonagofire.org)





*“Firemen never die, they just burn forever in the hearts of the people whose lives they saved. “*

*In memory of Francis Sniderwin*

*Served the Mukwonago Department Proudly  
1946—1972*

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### *Mission Statement*

*Is 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*



### **Mukwonago Community,**

The year 2007 again proved to be a record year over past years as it relates to emergency responses. Your Fire Department finished the year with 1425 EMS contacts. This relates to a 4.7% increase over 2006 year end total of 1361, a total of 64 additional EMS contacts. The 1425 EMS contacts gives us a monthly average of 118 contacts per month. The increase of 64 contacts relates to 2 extra weeks of responses in the 52 weeks of the year. On the Fire side, we finished with 305 fire responses. This relates to a 6.6% increase over the 2006 year end total of 285, a total of 2 additional fire responses.

I would like to take time to relay to you a number of items that took place in 2007.

The State of Wisconsin EMS in 2006 offered to all EMS services in the State an opportunity to apply for a Pilot EMT-B refresher program. This pilot program would offer EMS departments the opportunity to do required refresher training in-house during regularly scheduled EMS practices. The pilot program paperwork was completed and returned to the State and the Mukwonago Fire Department was accepted into the program. At the time of acceptance we were one of ten EMS departments in the State that applied and when finished, we were one of two that completed the pilot program. There are 440 EMS departments in the State of Wisconsin. This pilot program allowed us to do refresher training in our station, with a twice a month offering of training. All 16 participating EMT's successfully completed the Pilot refresher. What this did for us, was to save us time outside the department to attend a refresher class and it saved us a registration fee of \$78.04 per student. There were many people that were responsible for the success of this pilot program. I would like to thank all that were involved, especially, Matt Sura and Chris Cook.

Retired engine 3463 was sold to a collector in Chicago for \$5,000. Late in the summer ambulance 3452 was sold to an ambulance company on the east coast for \$16,500. In October we took delivery of a 2007 MedTec ambulance and a used MedTec ambulance to replace the ambulance previously sold. Both units are in service and have met our expectations.

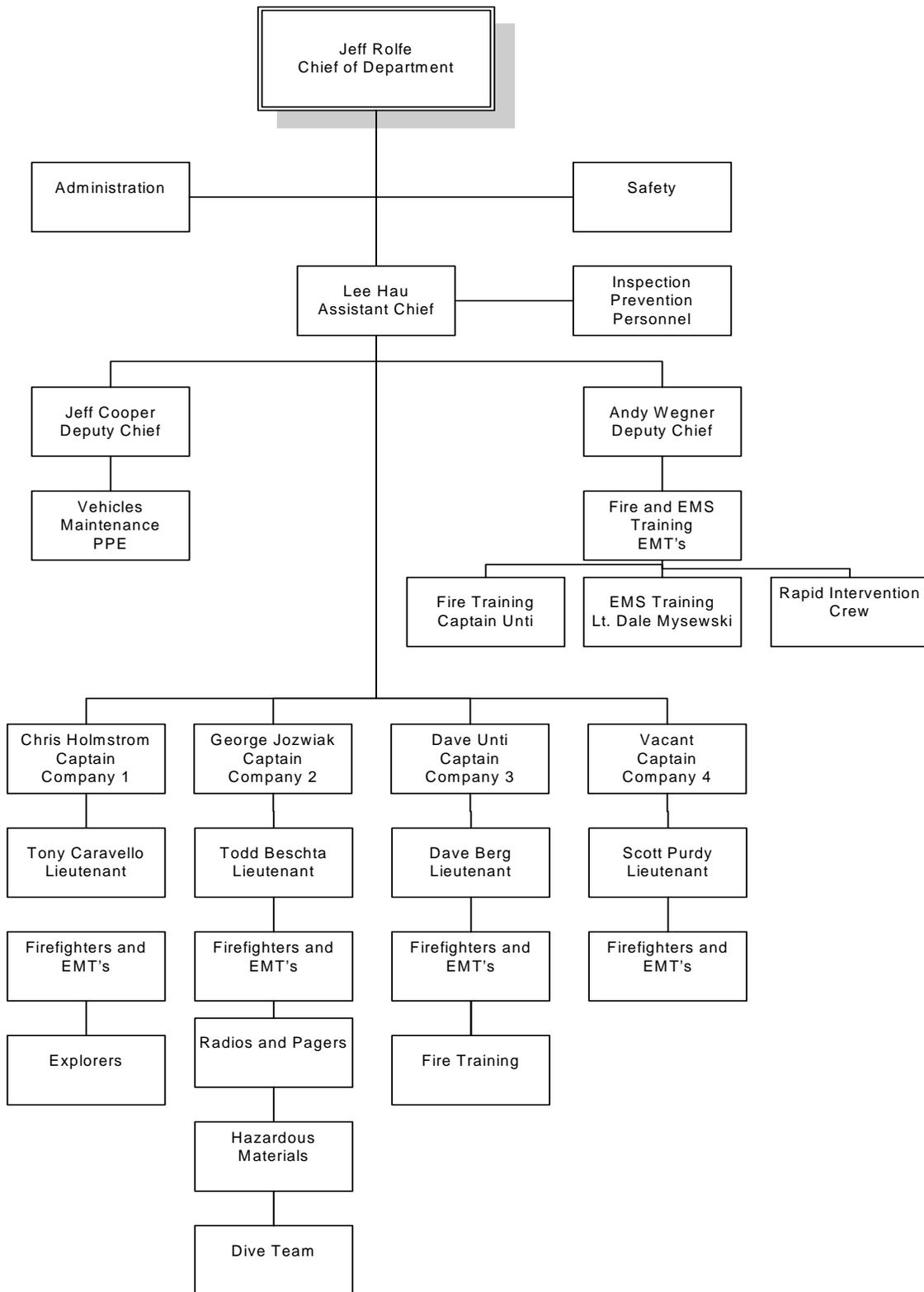
The ambulance reporting program ImageTrend is now our accepted method of doing our ambulance reporting. We continue to review and evaluate this program. We have added an additional computer into the Fire Chiefs car to have a computer available when needed. An additional benefit of implementing this program has been the almost immediate availability of the ambulance report to ebix, our billing company. In doing this there has been a quicker turnaround in receiving of funds for ambulance transports. We also were ahead of the State imposed deadline of December 31, 2007 to have in place electronic ambulance reporting in place.

Finally, in 2007 we made our way to the world wide web with our own web site, mukwonagofire.org. Captain George Jozwiak took on this project and created a web site that is very informative and easy to navigate through. Since our web site was created there has been close to 9000 visitors that have logged on and looked around. Most recently I have heard from a firefighter paramedic in Calgary Ontario that has visited our web site and we have exchanged fire department patches.

Assistant Chief Lee Hau set up two very important programs during fire prevention week 2007. The first was doing home inspections in residences in the Village and Town, where we set up a date and time with the requesting homeowner to come in and check the owners, smoke detectors, carbon monoxide detector and fire extinguisher. If any of those items were missing or defective they were replaced with items that were donated by local merchants. The second item was to work with local pizza businesses to provide free pizzas to homeowners that allowed us to come in a check their home for proper smoke detectors, carbon monoxide detectors and fire extinguishers. If the homeowner had all items in working order their pizza was free.

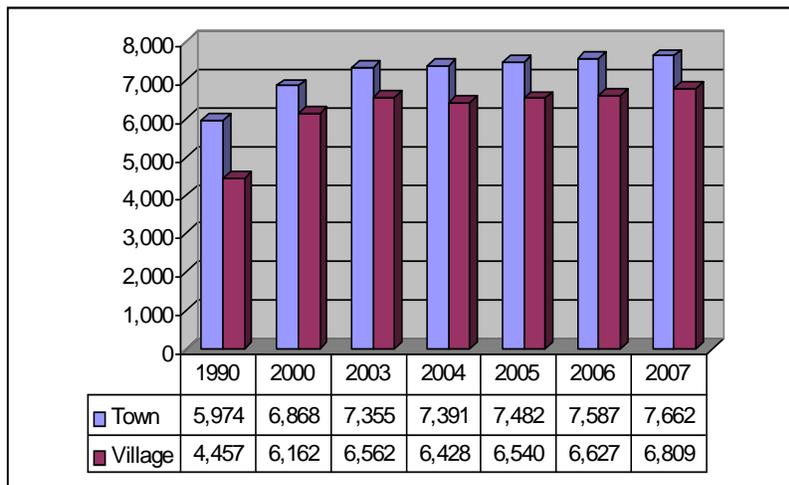
Thank you for the opportunity to list a few of the projects and programs that we have worked on in 2007. We as a department look forward to the future and serving you in a positive and professional manner.

## Organizational Chart



## Executive Summary

### Population Growth in Fire Service Area



### Administration

Fire Chief.....Jeff Rolfe  
 Assistant Chief.....Lee Hau  
 Deputy Chief.....Jeff Cooper  
 Deputy Chief.....Andy Wegner

### Personnel

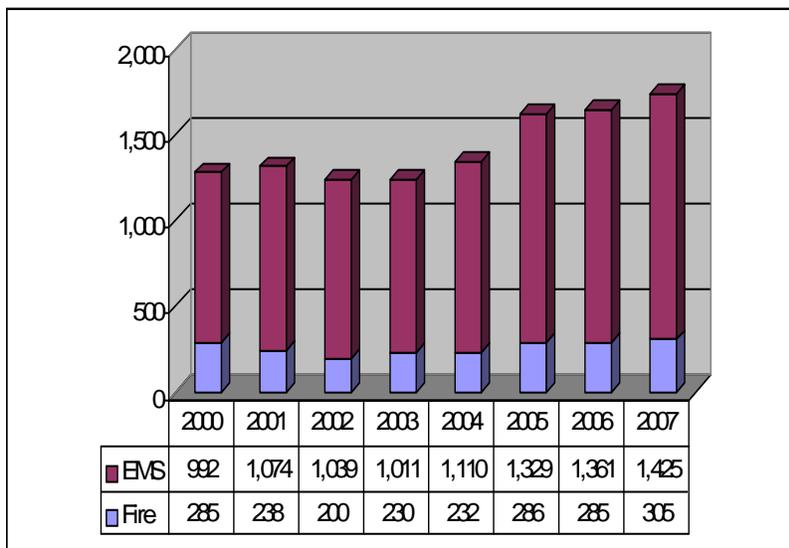
Career.....4  
 Paid on Call...56

Current Stations.....2

### Service Area

Town .....32 sq. mi..  
 Village.....9 sq. mi.

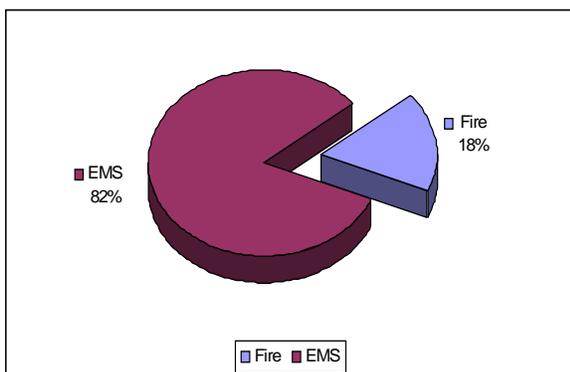
### Fire and EMS Calls



### Apparatus

Engines.....2  
 Ladder Truck.....1  
 Wild land.....2  
 Ambulance.....3  
 Heavy Rescue.....1  
 Water Tenders.....1  
 Personnel.....4  
 Dive Team.....1  
 Boat.....1  
 Paramedic Intercept....1

### Fire vs. EMS Response



## ***A Few Roles of the Membership***

Receive orders from a superior officer and carry out such orders in the normal course of all duties.

Are responsible for all firefighting duties involved in the evolution necessary to save lives and property, combat, extinguish and/or prevent fires and rapidly and effectively perform these duties as required under emergency conditions frequently involving considerable hazards

Provide medical assistance and administer delegated emergency medical procedures to stabilize the patient's condition and prepare them for transport to medical care facilities.

Perform rescue operations, where necessary, to prevent or attempt to prevent loss of fire or further injury from any cause.

Perform fire ground operations by protecting exposures, confining, controlling and extinguishing the fire, salvaging and overhauling the structure and perform these activities in accordance with department policies and procedures.

Perform rescue operations by performing a primary and secondary search, stabilizing the scene and the victim's injuries, and providing a means of egress so the victim is removed from an area of danger to an area of safety while preventing injury to the rescuer or additional injuries to the victim.

Operate fire apparatus such as pumpers, aerial devices, tankers, rescue trucks, ambulances and support vehicles within the vehicle's design parameters so that the apparatus is used safely and effectively.

Perform public relations such as providing public assistance, making presentations, participating in special activities, performing demonstrations and projecting a professional image in order to enhance the public's perception of firefighters and the fire service, keeping in mind the primary goal of educating the public in fire safety.

Perform administrative duties related to records and required documentation, thus promoting an overall efficient operation of the organization

## **Membership Divisions**

### **Companies: 2007**

The Mukwonago Fire Department current staffs four companies comprised of ten to twelve Firefighters/EMT's

### **Specialty Teams: 2007**

Dive Team: 5 active divers  
R.I.T. Team: 5 active members

### **Other Membership Divisions**

Ladies Auxiliary: 10 members

### **The Maltese Cross**

The badge of a firefighter is the Maltese Cross. This Maltese Cross is a symbol of protection and a badge of honor. Its story is hundreds of years old. The symbol is essentially borrowed from the Knights of St. John of Jerusalem, a charitable organization that helped the sick and poor by building hospitals and clinics. Later, they assisted the Knights of the Crusades in an effort to assist the Island of Malta from which the famous Maltese Cross derives its name



# Training

## Training Topics

- 12 Lead
- 6 Wheeler Operations
- ACLS
- Apparatus Operations
- Blood Borne Pathogens/Hippa
- Combat Tactics
- Communications
- CPR / Defibrillation
- Crime Scene Preservation
- Cutting Stations
- Drafting
- Driver Training
- Drug Review
- EMS Protocols
- Entanglement and Trapped Victim
- Equipment Boat
- Extrication
- Fire Fighter Through Floor
- Fire Streams
- Foam Fire Streams
- Forcible Entry
- Hazardous Material
- Hose Lays
- Hydrant Operations
- Ice Dive/Rescue
- Incident Command
- Ladders
- Legal Aspects of EMS
- Medical Terminology
- Medical Scenarios
- NIMS 100,200,300,400,700 and 800
- Paramedic Training –Drugs
- Pediatrics Emergencies
- Overhaul
- ResQpod
- R.I.T.
- Ropes and Knots
- Run Reviews
- Safety
- Salvage
- Saws and pry tools
- SCBA Donning
- Scene Size Up
- Search and Rescue
- Tanker Operations
- Trauma Situations
- Truck Checks
- Vehicle Extrication
- Ventilation



## Fire Suppression Division

The Mukwonago Fire Department is renowned for having one of the most progressive, innovative and highly skilled Fire Suppression Divisions. The Fire Suppression Division currently consists of paid on call and career fire fighters. The experience, knowledge and training that each fire fighter possesses are great and varied. Fire Suppression is made up of individuals committed to providing a superior level of emergency services.

Firefighters respond to a variety of emergency situations including; all fire related calls, various types of rescue calls, hazardous materials incidents, motor vehicle extrications, ice/water rescue responses, as well as public education, public relation activities and increasing number of medical calls as Mukwonago's population increases. The ever-increasing demand on the fire service has made it necessary for firefighters to continually upgrade their skills

### Divisional Assistance

In addition to their specific Suppression duties personnel also assist others Divisions in the following areas:

#### **FIRE PREVENTION**

- Conduct lectures and tours
- Perform inspections
- Various educational programs
- Training

#### **COMMUNICATIONS**

- Computer programming and updates
- Work with Dispatch effectively

#### **MECHANICAL**

- Building maintenance
- Building renovations
- Assist in vehicle maintenance/repair
- Assist in equipment maintenance/repair

#### **TRAINING**

- Deliver specialized training programs
- Driver/operator training
- CPR, first-aid and De-fib training
- Firefighter/EMT certifications
- New recruit training

### 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**

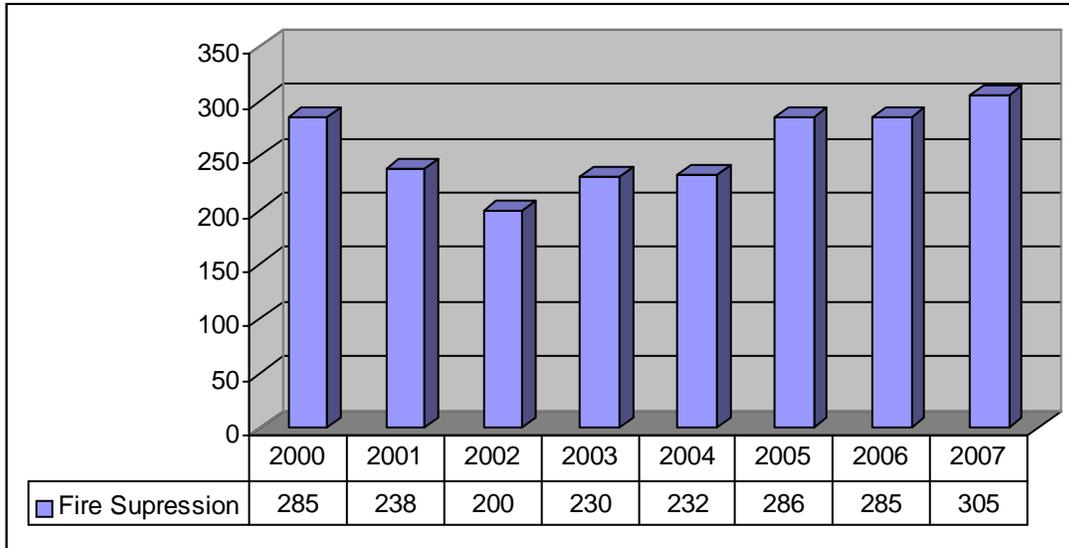
Develop and maintain a sense of family camaraderie and loyalty to one another and to the community and provide a sense of help and encouragement for all and by all

#### **INNOVATION**

Progressive, pro-active, modern, open and creative. Open and receptive to all input and feedback

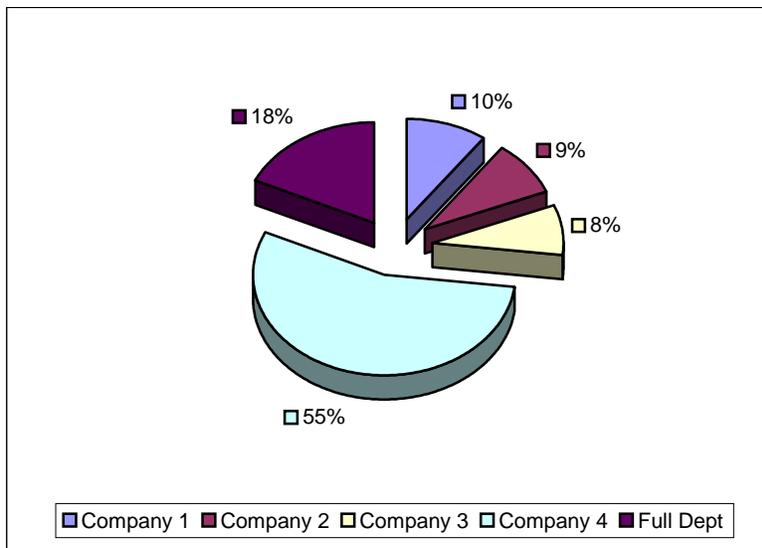
## Fire Suppression Division

### Call Volume 2000-2007



Since 2000 the Mukwonago Fire Department has experienced a 7% increase in call volume or 20 calls

### Call Volume by Company



The Mukwonago Fire Department has four companies. Company 1 represents the 6:00am—6:00pm shift. This shift handled 55% of total calls for 2007

## Fire Suppression Division

### Incident By Category

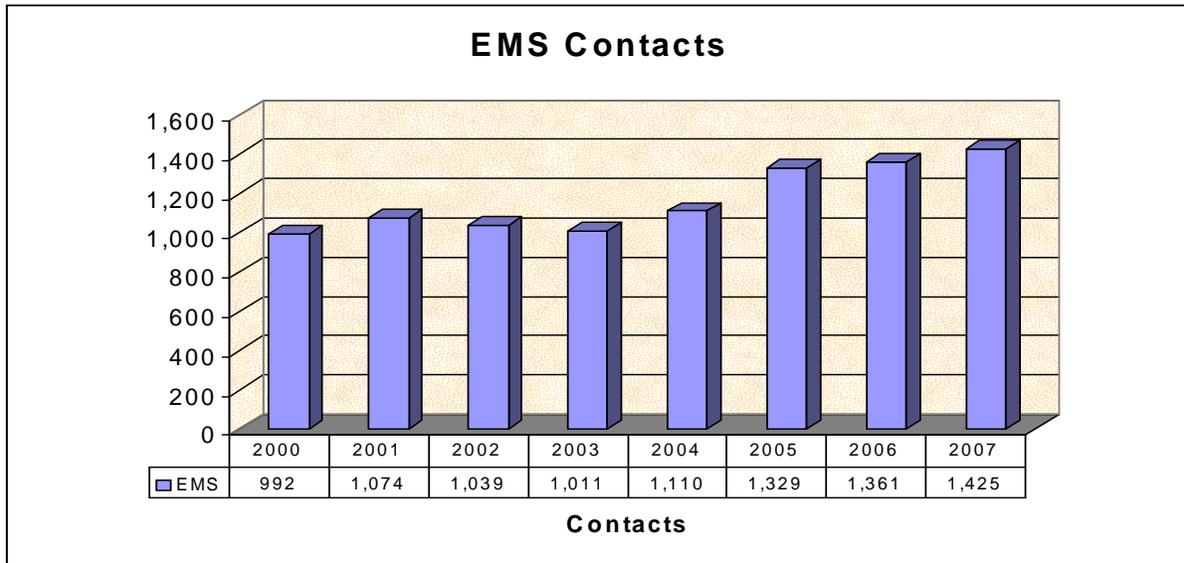
Incident Category	Incident Name	Percentage
100	Fire, Other	2.97%
111	Building Fire	10.07%
114	Chimney of Flue Fire, confined to chimney or flue	0.46%
131	Passenger Vehicle Fire	1.60%
138	Off Road Vehicle or heavy equipment fire	0.46%
140	Natural Vegetation fire	1.14%
141	Forest, woods or wildland fire	0.46%
143	Grass Fire	0.23%
151	Outside rubbish, trash or waste fire	2.89%
160	Special outside fire, Other	0.23%
251	Excessive heat, scorch burns with no ignition	0.23%
311	Medical Assist	0.92%
322	Motor vehicle accidents with injuries	21.05%
324	Motor vehicle accidents with no injuries	8.01%
341	Search for person on land	0.23%
350	Extrication, rescue other	0.23%
357	Extrication of victims from machinery	0.69%
360	Water and ice related rescue	0.46%
400	Hazardous condition, Other	2.29%
412	Gasoline or other flammable liquid spills	1.37%
413	Gas Leak (natural or LPG)	2.97%
413	Oil or other combustible liquid spill	0.69%
420	Toxic condition, Other	0.69%
421	Chemical hazard (no spill or leak)	0.92%
424	Carbon Monoxide incident	4.35%
440	Electrical wiring equipment problems	0.23%
441	Heat from short circuit (wiring)	0.23%
444	Power line down	0.23%
445	Arcing, shorted electrical equipment	0.92%
500	Service Call Other	0.23%
520	Water problems, Other	0.69%
521	Water evacuation	0.46%
531	Smoke or odor removal	1.14%
550	Public service assistance, Other	0.46%
551	Assist police or other governmental agency	0.23%
571	Cover assignment, standby	0.23%
611	Dispatched and cancelled en route	7.09%
651	Smoke scare, odor of smoke	0.23%
671	Hazmat release investigation w/no Hazmat	0.46%
700	False alarm or false call, Other	12.36%
710	Malicious, Mischievous false call, Other	0.23%
730	System malfunction, Other	0.23%
733	Smoke detector activation due to malfunction	0.96%
735	Alarm system sounded due to malfunction	0.46%
743	Smoke detector activation, no fire - unintentional	2.52%
744	Detector activation, no fire unintentional	0.69%
745	Alarm system activation, no fire unintentional	0.46%
814	Lightning Strike	0.69%
900	Special type of incident, Other	1.37%

## Fire Suppression Division

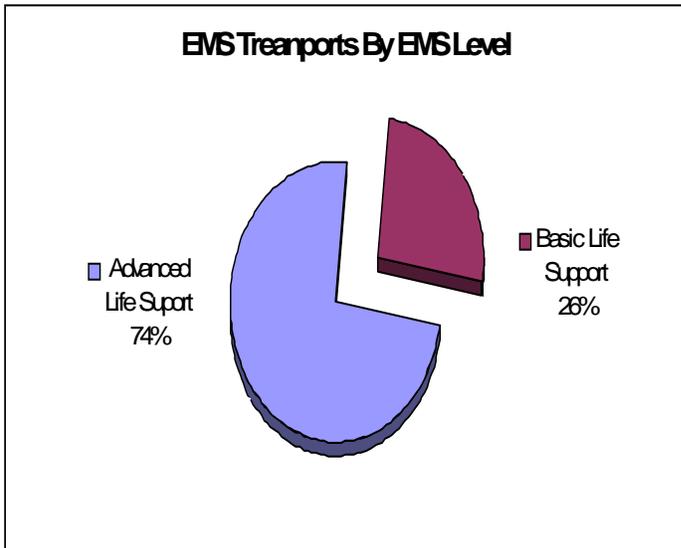
### Fire Response by Personnel

Mukwonago Fire Department Member	2004	2005	2006	2007
01, Jeffrey Rolfe , # 243	102	132	111	132
02, Lee Hau , # 204	92	97	110	62
03, Jeff Cooper , # 208	22	22	20	24
04, Andy Wegner , # 202	87	106	81	87
05, Kevin Gardner , # 242	23	27	29	33
06, Paul Wilson , # 233				14
07, Williams Shawn , # 246			31	24
08, Bryan Brzycki , # 234				7
09, Bethany Brester , # 221	39	31	28	4
09, Jeff Stockinger , # 265				7
13, William Butka , # 284	47	46	37	20
14, Kevin Slotty , # 244	34	26	26	34
15, Aaron Bennett , # 254			49	1
15, Shane Molenda , # 263				4
16, Adam Doolittle , # 236			10	8
16, Kelly Malucha , # 261				9
17, Greg Vanness , # 287	1	34	36	21
18, Scott Purdy , # 230	22	20	57	27
19, Keith Savoie , # 260	92	97	110	40
20, Ryan Staker , # 256	59	80	58	47
21, Peter Tomes , # 256			55	50
22, Jennifer Malucha , # 292				9
23, Dave Berg , # 218	25	30	26	30
24, George Jozwiak , # 238	82	107	81	51
25, Jacob Cronce , # 213		4	36	28
26, Michael Sergio , # 210		4	11	20
27, Steve Neder , # 251				9
28, Jeffrey Hammer , # 280			31	46
29, Ashley Berg , # 203		47	99	46
30, Anthony Caravello , # 211	80	111	75	55
31, David Unti , # 209	33	30	18	21
32, Colleen Johnson , # 252				17
33, Kevin Haag , # 268	56	59	45	50
34, Nick Obermann , # 296				21
35, Mark Schroeder , # 299				41
36, Patrick Johnson , # 237				21
37, Corey Kirschnik , # 286			63	66
38, John Rolfe , # 264	91	52	65	13
38, Scott Guttuso , # 250				25
39, Jennifer Jaessing , # 256		3	4	6
40, Dale Myszewski , # 277	66	64	30	21
41, Jason Eeten , # 235				15
41, Randy Goodchild , # 229	63	72	66	12
42, Gisela Roberts , # 222	22	17	20	16
43, Barbara Kenar , # 212				20
43, Thomas Voss , # 253			2	2
44, Christopher Stein , # 297	89	86	38	14
45, Nicole Jordan , # 225			21	11
46, Nathan Wright , # 224			69	103
48, Fredric Schalow , # 215	51	57	37	8
49, Jennifer McLeod , # 280		28	30	35
51, Christopher Holmstrom , # 271	45	55	27	44
52, Jennifer Justin , # 228			72	67
53, Gregory Hemm , # 223	27	33	18	15
54, Bryan McVeigh , # 295				24
55, Todd Beschta , # 207	46	49	41	30
56, Mark Schultz , # 257		3	4	2
57, Linda Myszewski , # 293	20	3	2	1
59, Charlene Siebold , # 294	97	116	107	100
60, Jacob Bodden , # 259			3	69
61, Jerry Prager , # 275	26	23	20	10
62, Michael W os , # 201	39	43	24	7
63, Jeremy Tamillo , # 249	90	65	50	35
64, Chris Hahn , # 255		43	89	85
65, Matthew Sura , # 245	72	100	71	56
66, Lisa W os , # 283	40	63	8	6
68, Joel Koceja , # 290				36
69, David Snake , # 262				3
69, Nathan Fagan , # 274				13
70, Crystal Gilbert , # 291				8
70, Don LaPrairie , # 70				7
71, Bryan Sieradzky , # 281			2	22

## Emergency Medical Services



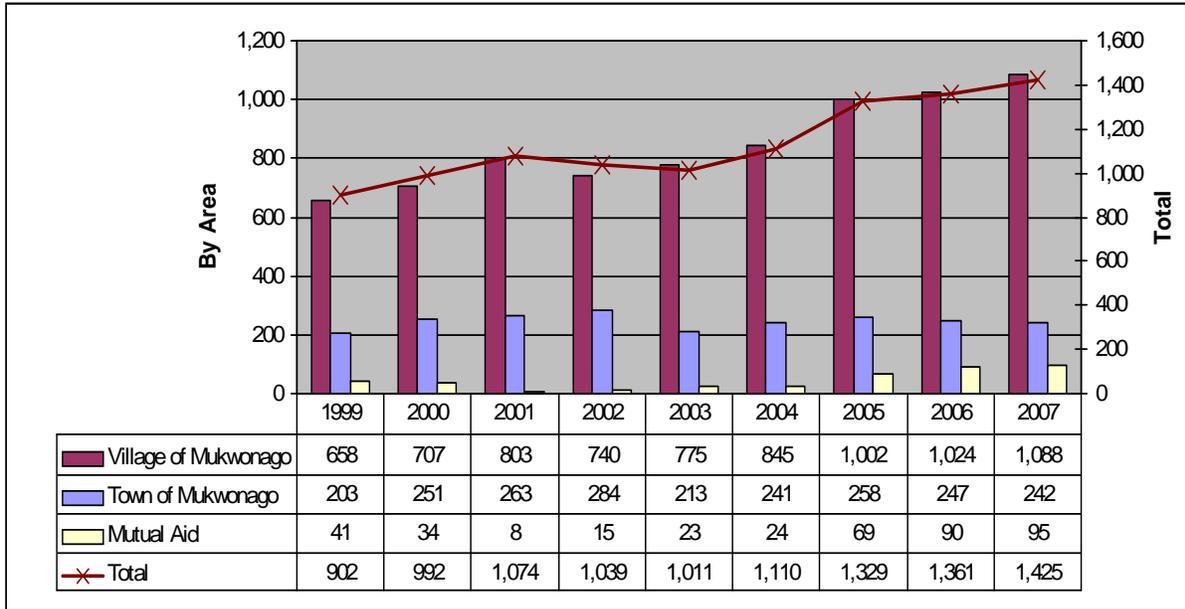
Since 2000 the Mukwonago Fire Department has experienced a 35% increase in call volume or 453 patient contacts.



Since 2003 Advanced Life Support (ALS) Contacts have increased by 41%

## Emergency Medical Services

### Patient Contact By Geographical Area



Since 1999 the Village of Mukwonago has the highest call volume averaging 74.4%. This is an increase of 65% or 430 calls since 1999. The Town of Mukwonago has experienced an 19% increase or 39 calls. Mutual Aid since 1999 has increased by 131% or 54 calls.

### Patient Contact By Geographical Area 2007

County	Patient Contacts	% of Total
Jefferson	1	0.07%
Walworth	84	5.89%
Waukesha	1340	94.04%
<b>Total</b>	<b>1425</b>	<b>100.00%</b>

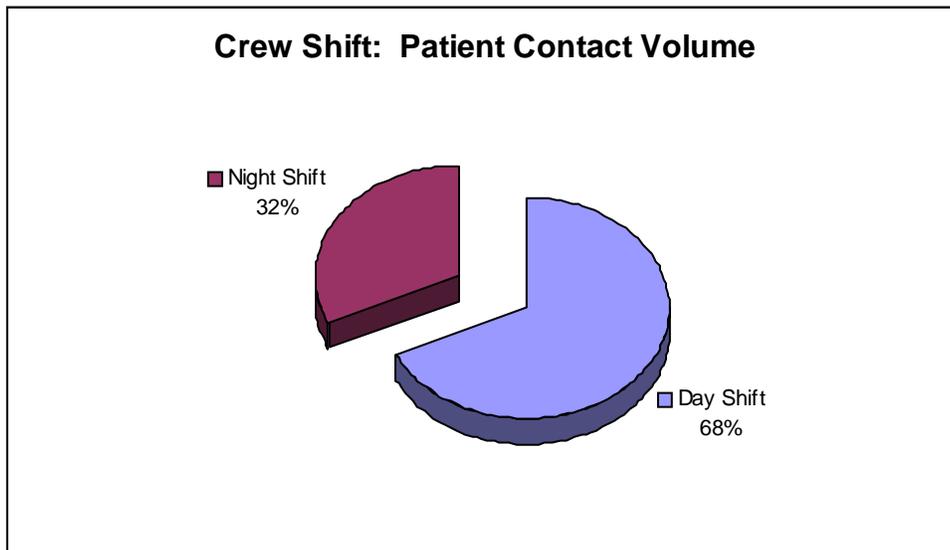
City	Contacts	% Of Total
Big Bend	9	0.63%
Eagle	33	2.32%
East Troy	23	1.61%
Mukwonago	1088	76.35%
Mukwonago (Town of)	242	16.98%
North Prairie	24	1.68%
Palmyra	1	0.07%
Vernon (Town of)	3	0.21%
Waterford	1	0.07%
Waukesha	1	0.07%
<b>Total</b>	<b>1425</b>	<b>100.00%</b>

## Emergency Medical Services

*Patient Contacts by Dispatch Time and Day of the Week*

Time Period	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Total	% Of Total
0001 - 0300	14	11	9	7	11	11	6	69	4.84%
0301 - 0600	9	5	4	4	13	3	6	44	3.09%
0601 - 0900	25	26	16	24	27	12	18	148	10.39%
0901 - 1200	25	32	28	36	41	28	48	238	16.70%
1201 - 1500	28	32	41	45	27	51	43	267	18.74%
1501 - 1800	35	47	47	42	41	64	41	317	22.25%
1801 - 2100	23	41	38	28	27	34	26	217	15.23%
2101 - 0000	15	20	17	17	18	19	19	125	8.77%
<b>Total</b>	<b>174</b>	<b>214</b>	<b>200</b>	<b>203</b>	<b>205</b>	<b>222</b>	<b>207</b>	<b>1,425</b>	<b>100.00%</b>

The busiest time of the day for the Mukwonago Fire Department is from 1501-1800 hours or 3:00pm to 6:00pm with 22.25% of the volume.



The Mukwonago Fire Department experiences most of their EMS calls during the daytime hours of 6:00 am to 6:00 pm. Looking back historically since 1999 to present, the day time company averages 66% of all patient contacts.

## Emergency Medical Services

<b>Patient Contacts by Chief Complaint</b>			
<b>Chief Complaint</b>	<b>%</b>	<b>Chief Complaint</b>	<b>%</b>
Abdominal Pain/Problems	4.50%	Diabetic Hyperglycemia	0.18%
Airway Obstruction	0.28%	Diabetic Symptoms (Hypoglycemia)	1.65%
Allergic Reaction	1.65%	Diarrhea	0.09%
Altered Level of Consciousness	1.65%	Epistaxis (Non-Traumatic)	0.09%
Asthma	0.64%	ETOH Abuse	0.18%
Back Pain (Non-Traumatic)	0.74%	Fever	0.83%
Behavioral/Psychiatric Disorder	1.10%	G.I. Bleed	0.28%
Cardiac Arrest	0.37%	Headache	0.64%
Cardiac Rhythm Disturbance	2.11%	Heat Exhaustion/Stroke	0.18%
Chest Pain/Discomfort	9.47%	Hypertension	0.55%
CHF (Congestive Heart Failure)	1.10%	Hyperthermia	0.28%
COPD (Emphysema/Chronic Bronchitis)	0.83%	Hypotension	0.46%
Dehydration	0.28%	Hypothermia	0.18%
<b>Chief Complaint</b>	<b>%</b>	<b>Chief Complaint</b>	<b>%</b>
Hypovolemia/Shock	0.18%	Seizure	2.21%
Migraine	0.37%	Sepsis	0.28%
Nausea/Vomiting (Unknown Etiology)	0.83%	Smoke Inhalation	0.09%
No Apparent Illness/Injury	3.58%	Stings/Venomous Bites	0.09%
OB/Delivery	0.09%	Stroke/CVA	1.75%
Obvious Death	0.64%	Substance/Drug Abuse	1.19%
Other	9.74%	Syncope/Fainting	3.40%
Other Abdominal/GI Problem	0.46%	TIA (Transient Ischemic Attack)	1.01%
Other Cardiovascular Problem	0.09%	Toxic Exposure	0.74%
Other Illness/Injury	1.75%	Traumatic Injury	23.71%
Other OB/Gyn	0.18%	Unconscious	0.46%
Pain	3.86%	Unknown Problem	1.10%
Poisoning/Drug Ingestion	1.19%	Vaginal Hemorrhage	0.09%
Respiratory Arrest	0.09%	Weakness	4.60%
Respiratory Distress	5.88%		

**The top five chief complaints from our patients are as follows:**

Traumatic Injury:	258	18.10%
Chest Pain/Discomfort:	103	7.22%
Respiratory Distress:	64	4.49%
Weakness:	50	3.50%
Abdominal Pain/Problems:	49	3.43%



## Emergency Medical Services

### Traumatic Injuries

<b>Patient Contact: Traumatic Injury</b>	
Aircraft Related Accident	0.37%
Assault	2.57%
Bicycle Accident	0.74%
Caught in/between Objects	0.37%
Cut/Pierce	1.47%
Drug Poisoning	0.37%
Falls	33.46%
Lightning	0.37%
Machinery Accidents	1.47%
Motor Vehicle Non-Traffic Accident	5.88%
Motor Vehicle Traffic Accident	34.19%
Motor Vehicle vs Pedestrian Accident	0.37%
Motorcycle Accident (E81X.1)	2.57%
Non-Motorized Vehicle Accident (E848.0)	1.47%
Other Injury	8.46%
Overexertion	0.74%
Pedestrian Traffic Accident	1.47%
Stabbing/Cutting Accidental (E986.0)	0.37%
Struck by Blunt/Thrown Object (E968.2)	2.57%
Struck by or Against	0.37%
Unarmed Fight/Brawl	0.37%



Motor Vehicle Accidents and Falls make up over 76% of Traumatic Injuries that that Mukwonago Fire Department responses too.

Motor Vehicle Accidents make up 43% of traumatic injuries. Below are statistics from the DOT in regards to Motor Vehicle Accidents

<b>Department of Transportation: 2007 crash statistics</b>							
	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>Avg</b>
<b>Fatal crashes</b>	723	748	714	700	659	655	709
<b>Injury crashes</b>	39,634	39,413	38,451	37,515	35,296	36,048	38,062
<b>Property damage crashes</b>	88,715	91,030	89,143	86,959	81,922	88,420	87,554
<b>Total crashes</b>	129,072	131,191	128,308	125,174	117,877	125,123	126,324
<b>Fatality rate*</b>	1.37	1.4	1.3	1.33	1.2	NA	1.32
<b>Total persons killed</b>	805	836	784	801	712	737	788
<b>Total persons injured</b>	57,776	56,882	55,258	53,462	50,236	50,676	54,723

## Emergency Medical Services

<b>Medications Administered</b>	
Adenosine	Glucose (Oral)
Albuterol Sulfate	Lidocaine
Amiodorone (Cordarone)	Methylprednisolone (Solu-Medrol)
Aspirin (ASA)	Metoprolol (Lopressor)
Atropine Sulfate	Midazolam (Versed)
Dextrose 50% (D50)	Morphine Sulfate
Diazepam (Valium)	Naloxone (Narcan)
Diltiazem (Cardizem)	Nitroglycerin
Diphenhydramine (Benadryl)	Nitroglycerin Drip
DuoNeb (0.5mg Atrovent/2.5mg Albuterol)	Normal Saline
Epinephrine 1:10,000	Ondansetron (Zofran)
Epinephrine 1:1000	Oxygen
Fentanyl	

As the Mukwonago Fire Department grew from a Basic Life Support Service to an Advance Life Support Service with Paramedics, the types of medications that can be given have changes. The chart above lists some of the medications that were administered in 2007.

The Mukwonago Fire Department also records the types of medications that the patient is currently taken. The most commonly medications that were found in 2007 are: Lasix, Synthroid, Aspirin, Plavix, Lipitor, Coumadin, Atenolol, Protonix, Prednisone and Prinivil



Some of the tools and medications that the ALS provider on Mukwonago Fire Department may use.

## Emergency Medical Services

### *Location of Patient Contacts*

Location Type	% of Total
Airport	0.07%
Farm	0.35%
Health Care Facility (clinic, hospital, nursing home)	29.05%
Home/Residence	34.39%
Industrial Place and Premises	0.70%
Lake, River, Ocean	0.21%
Not Applicable	4.21%
Other Location	0.98%
Place of Recreation or Sport	1.33%
Public Building (schools, gov, offices)	6.60%
Residential Institution (nursing home, jail/prison)	0.28%
Street or Highway	18.46%
Trade or Service (Business, bars, restaurants, etc.)	3.37%
<b>Total</b>	<b>100%</b>

<i>Hospitals that the Mukwonago Fire Department Transported to in 2007</i>	
<b>Destination</b>	<b># of Runs</b>
CHILDREN'S HOSPITAL OF WI	3.94%
Clement J Zablocki VA Medical Center	0.10%
ELMBROOK MEMORIAL HOSPITAL	0.20%
FROEDTERT MEM. LUTHERAN HSP	1.01%
LAKELAND HEALTH CARE CENTER	0.91%
MEMORIAL HOSP OF BURLINGTON	1.42%
OCONOMOWOC MEMORIAL HOSPITAL	0.40%
ST. FRANCIS HOSPITAL, INC.	0.30%
ST. LUKE'S MEDICAL CENTER	1.52%
ST. MARY'S HOSP OF MILWAUKEE	0.10%
The Wisconsin Heart Hospital	0.10%
Waukesha Memorial Hospital	89.28%
WEST ALLIS MEM. HOSPITAL	0.71%

## Emergency Medical Services

### Reported Medical Conditions

Medical History	Reported	Medical History	Reported
Amputee	3	Chronic Respiratory (COPD)	53
Asthma	73	Chronic Respiratory - Bronchitis	7
Cancer	23	Chronic Respiratory - Emphysema	12
Cancer - Bone	3	Diabetes	175
Cancer - Breast	17	Endocrine - Hyperthyroidism	9
Cancer - Colon	11	Endocrine - Hypothyroidism	18
Cancer - Kidney	1	Endocrine - Other Endocrine Condition	4
Cancer - Liver	2	GI/GUI - Diverticulitis	10
Cancer - Lung	12	GI/GUI - Gastric Reflux	37
Cancer - Other Cancer Condition	22	GI/GUI - Irritable Bowel Syndrome	13
Cancer - Ovarian/Uterine	6	GI/GUI - Ostomy	4
Cardiac	85	GI/GUI - Other GI/GUI Condition	15
Cardiac - Congestive Heart Failure	89	GI/GUI - Pancreatitis	7
Cardiac - Coronary Artery Disease	59	GI/GUI - Ulcers	10
Cardiac - Dysrhythmia/Arrhythmia	69	GI/GUI - Urinary Tract Infection (UTI)	12
Cardiac - Myocardial Infarction	45	Hepatic - Cirrhosis	2
Cardiac - Other Cardiac Conditions	24	Hepatic - Hepatitis A	2
Cardiac - Pacemaker	51	Hepatic - Hepatitis C	2
Cardiac - Stent	44	Hepatic - Hepatitis Other	3
Chronic Renal Failure/ Dialysis	27	Hepatic - Other Hepatic Condition	3
Hypertension	358	Psychological/Behavioral - Anxiety Disorder (Panic Attacks)	42
Hypotension	1	Psychological/Behavioral - Attention Deficit Disorder	7
IV Drug Use/Abuse	2	Psychological/Behavioral - Depression	80
Neurological - Cerebral Palsy	3	Psychological/Behavioral - Manic/Depressive (Bi-Polar)	12
Neurological - Fibromyalgia	1	Psychological/Behavioral - Obsessive/Compulsive Disorder OCD	1
Neurological - Multiple Sclerosis	4	Psychological/Behavioral - Other Condition	16
Not Applicable	8	Psychological/Behavioral - Schizophrenia	2
Not Known	2	Seizure Disorder/Failure	34
Osteoporosis	38	Stroke/CVA	56
Other	36	Substance Abuse (ETOH/Other)	11
Parent/Guardian Denies PMH	45	TIA (Transient Ischemic Attack)	18
Patient Denies PMH	221	Unable to Obtain PMH	16
Premature Birth	1	None	414
Psychiatric/Behavioral Problems	22		

## Emergency Medical Services

### Reported Medical Conditions

Mukwonago Fire Department Member	2004	2005	2006	2007
01 , Jeffrey Rolfe , # 243	24	73	127	125
02 , Lee Hau , # 204	117	102	92	93
03 , Jeff Cooper , # 208	63	95	84	77
04 , Andy Wegner , # 202	79	101	114	131
05 , Kevin Gardner , # 242	39	46	42	48
06 , Paul Wilson , # 233			5	53
07 , Williams Shawn , # 246			73	72
08 , Bryan Brzycki , # 234				60
09 , Bethany Brester , # 221	130	132	92	33
09 , Jeff Stockinger , # 265				5
10 , Jodi Solda , # 241			6	23
12 , Carol Murphy , # 279	7	77	19	1
13 , William Butka , # 284	26	30	18	3
14 , Kevin Slotty , # 244	102	100	54	68
15 , Shane Molenda , # 263				13
16 , Adam Doolittle , # 236				7
16 , Kelly Malucha , # 261				5
17 , Greg Vanness , # 287		5	34	22
18 , Scott Purdy , # 230	3	7	8	2
19 , Keith Savoie , # 260				6
20 , Ryan Staker , # 256	3	2	8	4
21 , Peter Tomes , # 256		2	10	10
22 , Jennifer Malucha , # 292				5
23 , Dave Berg , # 218	63	56	58	47
24 , George Jozwiak , # 238	100	109	101	53
25 , Jacob Cronce , # 213			4	65
26 , Michael Sergio , # 210			3	20
28 , Jeffrey Hammer , # 280			4	34
29 , Ashley Berg , # 203			222	145
30 , Anthony Caravello , # 211	219	204	110	82
31 , David Unti , # 209	62	37	37	41
32 , Colleen Johnson , # 252				118
33 , Kevin Haag , # 268	1	16	22	4
34 , Barb Rozek , # 278	101	56	43	1
34 , Nick Obermann , # 296				6
35 , Mark Schroeder , # 299				9
37 , Corey Kirschnik , # 286			198	368
38 , John Rolfe , # 264	2320	213	75	15
38 , Scott Guttuso , # 250				1
39 , Jennifer Jaessing , # 256		26	75	118
40 , Dale Myszewski , # 277	250	254	215	176
41 , Jason Eeten , # 235				9
41 , Randy Goodchild , # 229	51	77	75	24
42 , Gisela Roberts , # 222	36	20	41	20
43 , Barbara Kenar , # 212				5
44 , Christopher Stein , # 297				146
45 , Nicole Jordan , # 225			3	28
46 , Nathan Wright , # 224				39
48 , Fredric Schalow , # 215	49	56	42	4
49 , Jennifer McLeod , # 280			153	284
51 , Christopher Holmstrom , # 271	62	67	26	47
52 , Jennifer Justin , # 228			2	251
53 , Gregory Hemm , # 223	77	108	97	64
54 , Bowen Bradley , # 232			60	1
54 , Bryan McVeigh , # 295				52
55 , Todd Beschta , # 207	27	26	27	69
56 , Mark Schultz , # 257			2	2
57 , Linda Myszewski , # 293	15	54	123	49
58 , Sherry Coats , # 266	36	8	22	12
59 , Charlene Siebold , # 294	92	205	247	473
60 , Jacob Bodden , # 259				107
61 , Jerry Prager , # 275	19	39	93	20
62 , Michael Wos , # 201	64	99	67	4
63 , Jeremy Tamillo , # 249	1	75	54	64
64 , Chris Hahn , # 255		118	247	316
65 , Matthew Sura , # 245	277	267	223	361
66 , Lisa Wos , # 283	40	440	45	29
67 , Chris Cook , # 231				2
68 , Joel Koceja , # 290				1

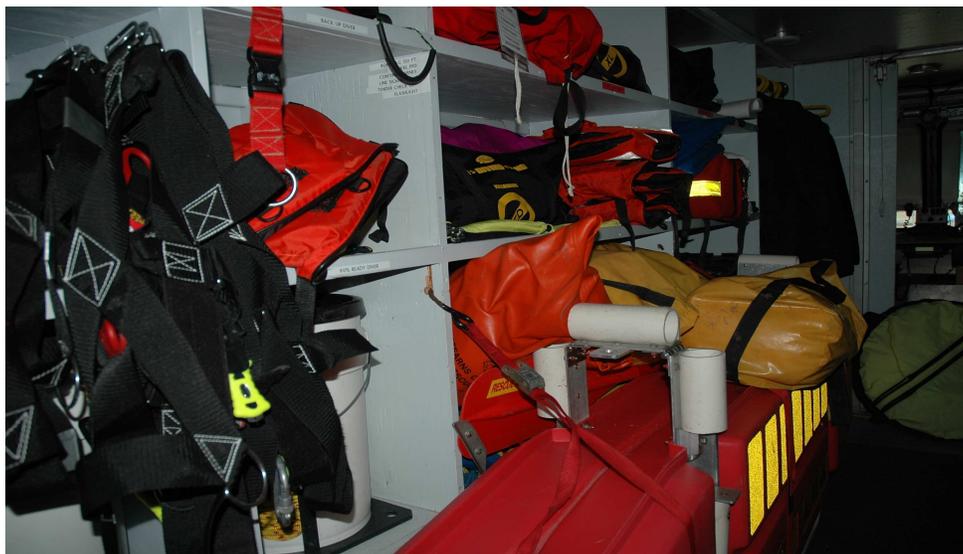
## Mukwonago Fire Department Special Services Dive Team

The Mukwonago Fire Dept. Water Operations Unit consists of a Dive Team and members, which are trained in surface ice rescue techniques.

The Dive Team has 5 active divers, 2 non-active divers and 6 active line tenders with various levels of certification. The team trains in area lakes and ponds, which cover more than 750 acres. The team holds monthly practices to work on line tending, search patterns and other rescue details. The dive team also assists with the boater's safety class, which is held by the Town of Mukwonago Police Dept. every summer. Presently, the Dive Team utilizes both personal and department owned equipment. Three out of the five members use personal dive gear. The majority of the unit's department owned equipment has been purchased from funds through generous contributors of the past. Without these contributors, the department would not have equipment like the following: Water Operations Unit 3487 (1988 7' x 20' step van donated by WE Energies in 1998), Rescue One Connector Boat 3496, Rescue Alive ice rescue sled, 4 cold water exposure suits, 4 personal floatation devices, two sets of dive gear, and two dry suits (Koeffler Estate). Also from the Koeffler Fund: 150' rope bag, first and second stage regulator and gauges, a contingency tank harness and finally pony tank harnesses.

In the winter months the unit has two in-house ice rescue trainers to train members on surface ice rescue techniques. Some examples of calls that the Dive Team responded to were: Mutual aid to Eagle, for a snowmobile in the lake and a possible lost person on Phantom Lake.

Monthly dive practice include: ice diving, open water diving, line tending, search pattern, search and rescue, techniques for surface and subsurface operations, emergency rescue for divers in trouble and much more!



## Mukwonago Fire Department Special Services Rapid Intervention Crew (R.I.C.)

### Who rescues the firefighters? -- the Rapid Intervention Crew (RIC)

Mukwonago firefighters practice searching and locating downed firefighters. The items we need for rescue include a portable air source, spare radio, rope line, hand tools which include everything from forcible entry tools to flashlights, infrared search devices, and possibly a hose line. During 2007 Mukwonago trained jointly with numerous local fire departments to practice the fundamentals of the Rapid Intervention Crew (RIC). To reduce line-of-duty deaths, the R.I.C. team trains using the latest technology available to them and advanced training programs

Different jurisdictions, even those that are next to each other, often have slightly different equipment. Some have different air packs. Re-supplying the air of a downed firefighter is the most important concern in rescue. They have a limited supply of air, and are in a very hostile environment.

The R.I.C Teams roll is to enter a structure in the event that a fire fighter has become trapped, injured or even lost in a structure. The R.I.C. team is highly trained in search and rescue techniques, mask change-over, forcible entry, rapid extrications and the list goes on.



## Fire Prevention



The history of National Fire Prevention Week has its roots in the Great Chicago Fire, which occurred on October 8, 1871. This tragic fire killed some 300 people, left 100,000 homeless and destroyed more than 17,000 structures. The origin of the fire has generated speculation since its occurrence, with the fact and fiction becoming blurred over the years. One popular legend has it that Mrs. O'Leary was milking her cow when the animal kicked over a lamp, setting the O'Leary barn on fire and starting the spectacular blaze. However the massive fire began, it swiftly took its toll, burning more than 2000 acres in 27 hours. The city of Chicago quickly rebuilt, however, and within a couple of years residents began celebrating their successful restoration to memorialize the anniversary of the fire

with festivities. Intending to observe the fire's anniversary with a more serious commemoration, the Fire Marshals Association of North America (FMANA) decided that the 40th anniversary of the Great Chicago Fire should be observed not with festivities, but in a way that would keep the public informed about the importance of fire prevention. When President Calvin Coolidge proclaimed the first National Fire Prevention Week, October 4th 1925, he noted that in the previous year some 15,000 lives were lost to fire in the United States. Calling the loss "startling", President Coolidge's proclamation stated, "This waste results from the conditions which justify a sense of shame and horror; for the greater part of it could and ought to be prevented... It is highly desirable that every effort be made to reform the conditions which have made possible so vast a destruction of the national wealth". NFPA continues today to make National Fire Prevention Week a priority and counts on the participation and efforts of tens of thousands of fire and safety professionals, emergency volunteers, and other individuals working to reduce the risk of fire and the toll it takes on our society.

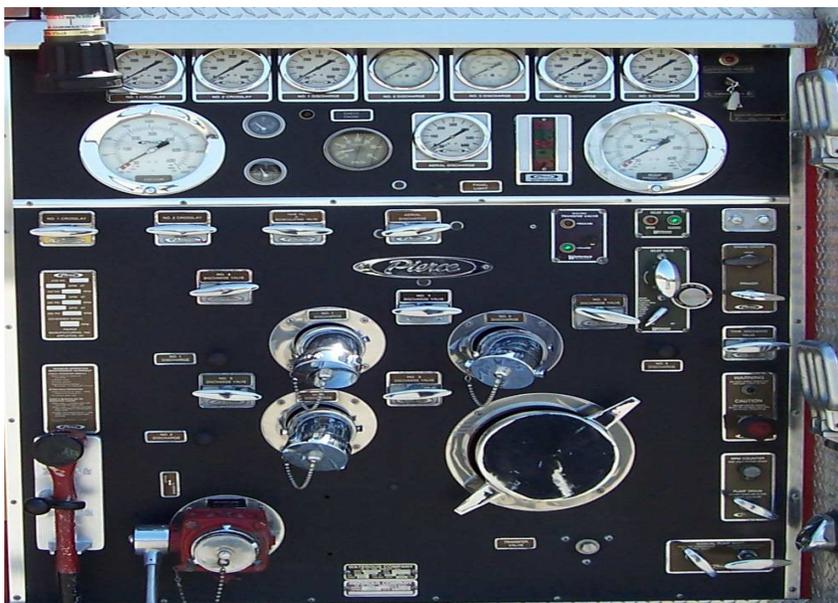
### MFD Fire Prevention Activities 2007

- MFD conducted fire prevention demonstrations to over 2,500 students and day care children.
- Home fire inspections MFD did approx 30 home fire inspections during fire prevention month
- Great American Fire drill Party – MFD hosted w/ the NFPA MFD visited 38 homes where families practiced their fire escape plan and tested their smoke detectors.
- Pizza delivery program – MFD along w/ Safe kids of Wisconsin delivered over 20 pizzas. If the family had working smoke detectors the pizza was free.

Sponsors and supporters of these programs were. Home Depot, Wal-mart, Box Office Movies & Games, Tractor and Supply, Ace Hardware, Culvers, Mario's Pizza, Pizza Hut and Safe Kids of Wisconsin.

## Mechanical Division

NFPA 1002 Standard on Fire Apparatus Driver/Operator Professional Qualification states that all Fire Departments perform routine tests, inspections, servicing functions and maintenance on all apparatus. Maintenance is defined as keeping an apparatus in the state of usefulness or readiness. Some of the maintenance performed by the Mukwonago Fire Department Motor Pump Operators are visual inspections, looking for leaking fluid and low tire pressures, check all fluids, check for and physical damage to the body of the apparatus, tears in seatbelts and instrument gauges working properly.



### Apparatus

Engines.....	2
Ladder Truck.....	1
Wild land.....	2
Ambulance.....	3
Heavy Rescue.....	1
Water Tender.....	1
Personnel.....	4
Dive Team.....	1
Boat.....	1



## Mechanical Division: Engines and Aerial

**3461**



Vehicle: 3461 – 1990 Spartan Darley  
Year Purchased: 1990  
Approximate Cost: \$190,000  
Replacement Year: 2020  
Replacement Cost: \$488,200

**3462**



Vehicle: 3462 – 2002 Pierce Enforcer  
Year Purchased: 2002  
Approximate Cost: \$285,000  
Replacement Year: 2027  
Replacement Cost: \$500,000

**3471**



Vehicle: 3471 – Pierce Aerial Platform 110 Feet  
Year Purchased: 2006  
Approximate Cost: \$ 75,000  
Replacement Year: 2014  
Replacement Cost: \$ 800,000

## Mechanical Division: Specialty Apparatus

**3476**



Vehicle: 3476 – 1997 3D/Freightliner Crash Rescue  
Year Purchased: 1997  
Approximate Cost: \$130,000  
Replacement Year: 2017  
Replacement Cost: \$263,000

**3481**



Vehicle: 3481 – 1989 Chevy  
Year Purchased: 1990  
Approximate Cost: \$35,000  
Replacement Year: 2010  
Replacement Cost: \$90,000

**3492**



Vehicle: 3492 – 1985 GMC Monroe  
Year Purchased: 1995  
Approximate Cost: \$90,000  
Replacement Year: 2010  
Replacement Cost: \$230,000

## Mechanical Division: Specialty Apparatus

### Car 1



Vehicle: 2004 Ford Escape - Car 1  
Year Purchased: 2004  
Approximate Cost: Lease  
Replacement Year: 2010  
Replacement Cost: \$45,000

### 3484



Vehicle: 3484 – 6x6 and Trailer  
Year Purchased: 1997  
Approximate Cost: \$ 8,500  
Replacement Year: 2010  
Replacement Cost: \$ 10,000  
Vehicle Odometer Reading Year End 2006: N/A

## Mechanical Division: Water Operations

**3487**



Vehicle: 3487 – 1988 Chevy  
Year Purchased: 1998  
Approximate Cost: Donated by WE Energies  
Replacement Year: 2013  
Replacement Cost: \$ 70,000

**3496**



Vehicle: 3496 – 1998 Rescue One  
Year Purchased: 1997  
Approximate Cost: \$13,000  
Replacement Year: 2017  
Replacement Cost: \$35,000

## Mechanical Division: Personnel Vehicles

**3489**



Vehicle: 3489 – 4x4 4 Door 2000 Chevy  
Year Purchased: 2000  
Approximate Cost: \$ 30,000  
Replacement Year: 2015  
Replacement Cost: \$ 65,000

**3488**



Vehicle: 3488 – 2005 SUV  
Year Purchased: 2005  
Approximate Cost: \$5,000 (Donated)  
Replacement Year: 2009  
Replacement Cost: \$45,000

**3486**



Vehicle: 3486 – Mercury  
Year Purchased: 2006  
Approximate Cost: \$ 800 (Cost of Repairs)  
Replacement Year: N/A  
Replacement Cost: \$ 25,000

## Mechanical Division: Ambulances

**3451**



Vehicle: 3451 - 2007 **Med Tec Ford E-350**  
Year Purchased: 2007  
Approximate Cost: \$118,000  
Replacement Year: 2016  
Replacement Cost: \$145,000

**3452**



Vehicle: 3452—1995 **Med Tec Ford E-350**  
Year Purchased: 2007  
Approximate Cost: \$18,500  
Replacement Year: 2012  
Replacement Cost: \$135,000

**3453**



Vehicle: 3453 – 2000 **Freightliner Med Tec**  
Year Purchased: 2000  
Approximate Cost: \$130,000  
Replacement Year: 2015  
Replacement Cost: \$210,000

