



Mukwonago Fire Department  
Annual Report 2005



## *Serving Since 1913*



1925 Peter Pirsch: Recently restored by the Mukwonago Fire Department Association Inc.



### ***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*



Jeffrey A. Rolfe  
Fire Chief



Mukwonago Community,

I submit for your review and welcome your comment on the activities of your Fire and EMS Department.

Upon review of Fire and EMS activities for the year 2005, it is reflected in those statistics that 2005 was our busiest year ever recorded. 1329 EMS contacts were recorded along with 286 Fire contacts. The EMS total eclipsed the previous highest year (2004) by 17% (225 contacts), this equates to approximately 19 additional patient contacts per month. In 2005 the month of November was the only month that recorded less than 100 (99) patient contacts. Our single busiest contact month was December with 121 patient contacts, this exceeded our previous one month high by 1 (120). Our Fire activities showed a total of 286 contacts, this was also our busiest recorded year ever for fire contacts eclipsing 285 recorded contacts in 2000. The 286 fire contacts exceeded 2004's total of 232 or a 19% increase. Our single busiest contact month was September, with 40 fire contacts. The single reason for the increased activity in September was the night of the 13<sup>th</sup> when high winds swept through Mukwonago and Waukesha County. We recorded 12 calls for service including wires down and damage to buildings in a 66 minute period.

In August Chris Hahn was offered and accepted the position of fulltime Firefighter/Paramedic for the Mukwonago Fire Department. Chris comes to us with 12 years of experience in the Fire service. His background in the fire service has primarily been in the paid-on-call and part-time ranks. Chris has been an active paramedic since 1998. Since Chris's arrival, he has been very active in many areas of the department, he has taken on assisting in the review of building and sprinkler plans for new and remodeled buildings in Mukwonago.

On Friday November 11, 2005 the Mukwonago Fire Department was officially notified that we were awarded \$245,000 in grant money from the Assistance to Firefighters Grant Program to be used to purchase 800mhz radios. In the past two years the Fire Department has been awarded two grants totaling \$431,000. At present we are in the process of planning for the implementation of 800mhz radios within the Fire Department operations. Our goal is to be operational with these radios in July of 2006.

In December Bradley Bowen was offered and accepted the third position of fulltime Firefighter/Paramedic for the Mukwonago Fire Department. Brad comes to us with 3 years in the Fire service. Brad has primarily been active in the paid-on-call and part-time ranks. Brad has been a paramedic since 2004. Brad continues to learn about the Mukwonago Fire Department and has been a welcomed addition.

On behalf of all the members of the department, I would like to thank each and everyone of you for your encouragement and support.

Yours very truly,  
*Jeffrey A. Rolfe*

## Mukwonago Fire Department



Fire Station One: Village of Mukwonago



Fire Station Two: Town of Mukwonago



Fire Station One: Inspector Office



Station two: Weight Room



Fire Station One: Day Room



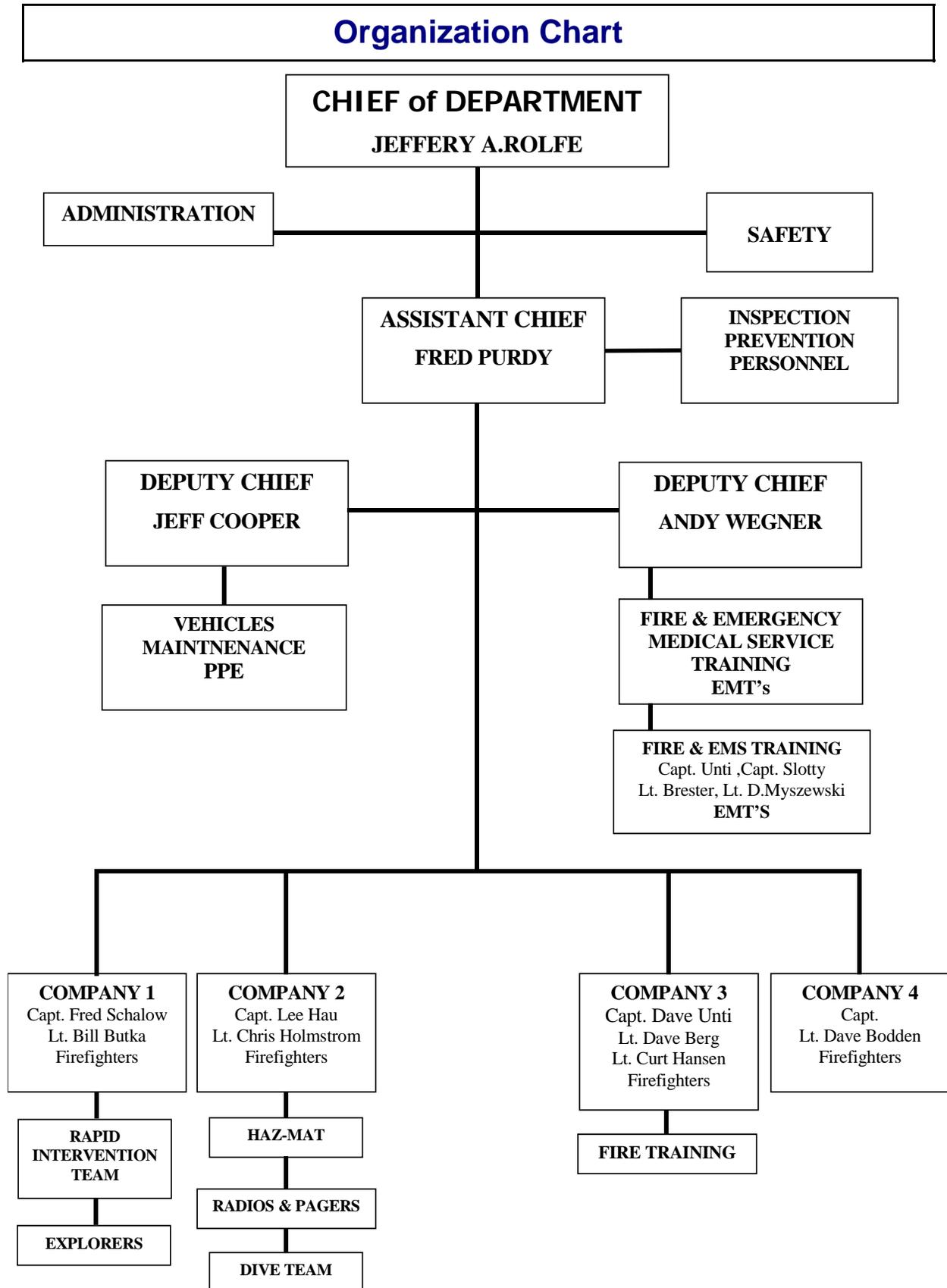
Fire Station One: Bay



Fire Station One: 1 of 3 Dorm Rooms

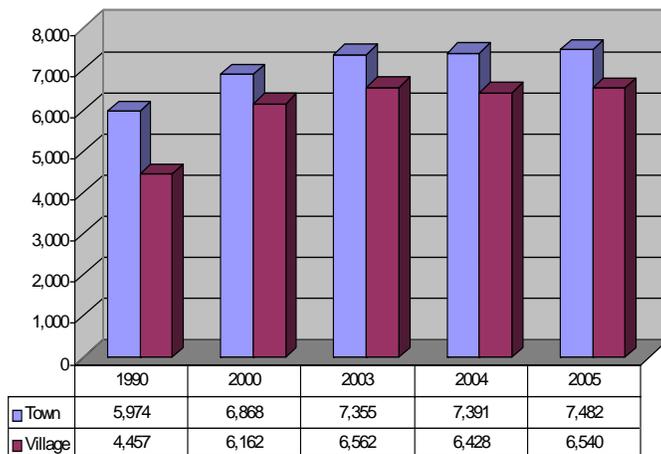


Fire Station One:  
Training Tower



## Executive Summary

### Population Growth in Fire Service Area



### Administration

Fire Chief.....Jeff Rolfe  
 Assistant Chief.....Fred Purdy  
 Deputy Chief.....Jeff Cooper  
 Deputy Chief.....Andy Wegner

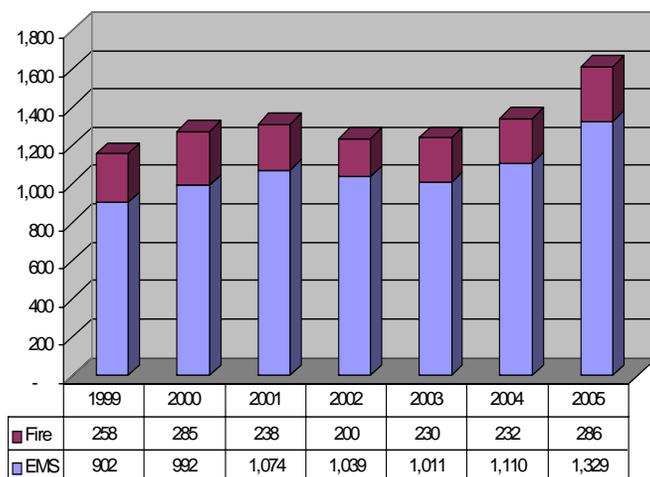
### Personnel

Career.....2  
 Paid on Call...56  
  
 Current Stations.....2

### Service Area

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

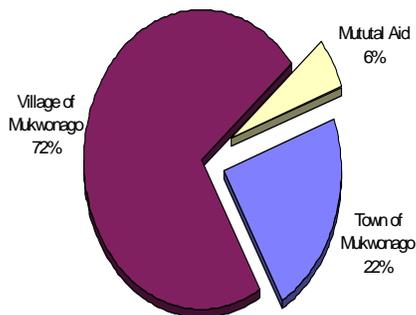
### Fire and EMS Calls



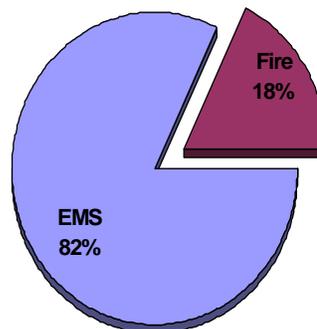
### Apparatus

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

### Location of Calls



### Fire vs. EMS Response



**Awards**

**Fire Fighter of the Year**  
Firefighter Kevin Haag

**EMT of the Year**  
Captain Lee Hau

**Grants**

Awarded \$245,000 in grant money from the Assistance to Firefighters Grant Program to be used to purchase 800mhz radios

**Fleet Status**

New Additions:  
3488 Paramedic Intercept



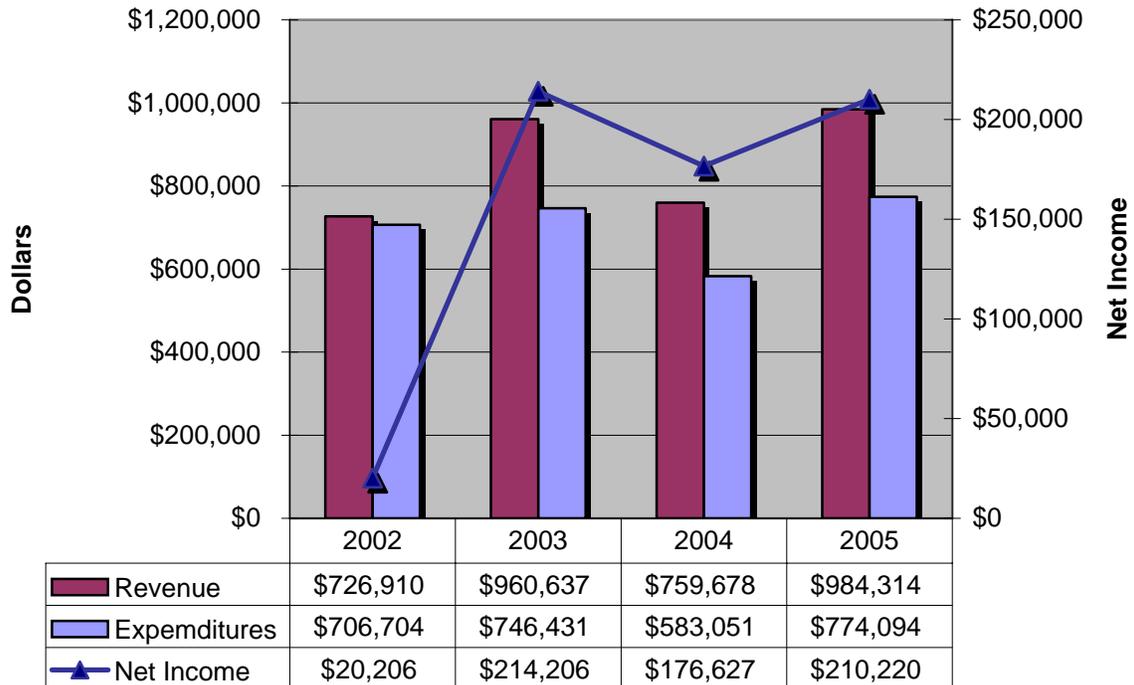
Apparatus Sold:  
3491 Tanker



3485  
Full Size Van



**Finance: Un-audited Income Statement 2002-2005**



## Finance

### Mukwonago Fire Department Unaudited Income Statement

Revenue:	2000	2001	2002	2003	2004	2005	Variance
Taxes	301,146	341,996	394,631	433,261	113,656	65,871	-47,785
Public Charges for Services	-189	2,913	5,984	13,575	13,270	11,149	-2,121
Public Safety	125,268	104,201	104,960	277,865	391,478	437,808	46,330
Intergovernmental Charges	216,498	196,077	219,805	224,601	232,857	293,770	60,913
Commercial Revenue	11,839	2,073	1,130	11,335	7,697	7,697	0
Other General Revenue	0	1,586	400	0	720	189	-531
Other Financing Sources	0	0	0	0	0	167,830	167,830
<b>Total Fire/Ambulance Fund Revenues</b>	<b>\$654,562</b>	<b>\$648,846</b>	<b>\$726,910</b>	<b>\$960,637</b>	<b>\$759,678</b>	<b>\$984,314</b>	<b>\$224,636</b>
<b>Expenditures:</b>							
Fire Administration	120,298	116,114	129,906	129,677	194,928	272,894	77,966
Fire Suppression	339,678	353,750	365,337	392,884	148,739	236,776	88,037
Fire Prevention	5,956	2,803	3,966	3,946	2,515	2,516	1
Fire Training	29,810	19,177	29,047	19,620	28,894	35,658	6,764
Ambulance	144,074	287,886	164,843	181,937	185,334	208,691	23,357
Ambulance Training	13,172	10,430	13,605	18,367	22,641	17,559	-5,082
Other Financing Uses	0	6,079	0	0	0	0	0
<b>Total Fire/Ambulance Fund Expenditures</b>	<b>\$652,988</b>	<b>\$796,239</b>	<b>\$706,704</b>	<b>\$746,431</b>	<b>\$583,051</b>	<b>\$774,094</b>	<b>\$191,043</b>
<b>Net Income:</b>	<b>\$1,574</b>	<b>(\$147,393)</b>	<b>\$20,206</b>	<b>\$214,206</b>	<b>\$176,627</b>	<b>\$210,220</b>	<b>\$33,593</b>

## Quick Facts

- Revenue is up \$224,636 compared to 2004
- Expenditures are up \$191,043 compared to 2004
- Net Income is up 33,593 compared to 2004



The Mukwonago Fire Department was awarded \$245,000 in grant money from the Assistance to Firefighters Grant Program to be used to purchase 800mhz radios

## Finance

### Mukwonago Fire Department Budget 2005 Data as of March 31, 2006

	Actual 2005	Budget 2005	Remaining Balance	Percent %
<b>Revenue:</b>				
Taxes	65,871	65,871	0	100%
Public Charges for Services	11,149	12,000	851	93%
Public Safety	437,808	414,000	-23,808	106%
Intergovernmental Charges	293,770	293,770	0	100%
Commercial Revenue	7,697	1,600	-6,097	481%
Other General Revenue	189	0	-189	100%
Other Financing Sources	167,830	0	-167,830	100%
Total Fire/Ambulance Fund Revenues	<u>\$984,314</u>	<u>\$787,241</u>	<u>(\$197,073)</u>	<u>125%</u>

<b>Expenditures:</b>				
Fire Administration	272,894	274,796	1,902	99%
Fire Suppression	236,776	91,126	-145,650	260%
Fire Prevention	2,516	4,750	2,234	53%
Fire Training	35,658	29,061	-6,597	123%
Ambulance	208,691	166,768	-41,923	125%
Ambulance Training	17,559	21,040	3,481	83%
Other Financing Uses	0	199,700	199,700	0%
Total Fire/Ambulance Fund Expenditures	<u>\$774,094</u>	<u>\$787,241</u>	<u>\$13,147</u>	<u>98%</u>

	Actual 2005	Budget 2005	Remaining Balance	Percent %
<b>Capital Equipment Funds</b>				
Fire	68,162	69,474	1,312	98%
Ambulance	23,007	23,013	6	100%
Total Capital Equipment	<u>\$91,169</u>	<u>\$92,487</u>	<u>\$1,318</u>	<u>99%</u>

## Quick Facts

- Revenue is up 197,073 or 25% more than budgeted for 2005.
- Expenditures are 2% or \$13,147 below the budgeted amount for 2005.
- Capital Equipment Funds are 1% or \$1,318 under budget for 2005



# *Firefighters*

**Every Firefighter works to ensure that they are performing in a sensitive and caring manner, through the provision of excellent preventative, educational and emergency services**

If you look in a Webster's dictionary a firefighter is simply defined as one who fights fires. In previous years that were most likely true, but today, Mukwonago's firefighters do so much more than fight fires.

No dictionary accurately describes today's firefighter. From the firefighter cleaning the apparatus bay, showing kids the fire apparatus to the fire inspector who inspects a property to ensure compliance with fire safety requirements; that is a firefighter. From those who maintain our emergency vehicles or provide customer service to those creating leading edge training programs, that is a firefighter.

Whether we are training, putting out a fire, preventing one from starting, writing a report, teaching safety education or simply attending a community event; we are firefighting.



## ***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: 2005**

The Mukwonago Fire Department current staffs four companies comprised of nine to 10 Firefighters/EMT's

### **Specialty Teams: 2005**

Dive Team: 5 active divers  
R.I.T. Team: 9 active members

### **Other Membership Divisions**

Ladies Auxiliary: 10 members  
Fire Explorers: 9 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



# Live Fire Training

Photos courtesy of Mukwonago Chief Newspaper and Mukwonago Fire Department Personnel



**John Amato Car Dealership Practice Burn**



**Practice Burn With North Prairie FD**



**Practice Burn with Eagle FD**



**Practice Burn With Eagle FD**



**Practice Burn With Eagle**

***The Year in Review***  
**Training Division**

## Training

### *Progressive Education through year around training*



Eagle Practice Burn

Amato Practice Burn  
Photo courtesy of Mukwonago Chief



North Prairie Practice Burn

# Training

## Training Activities

12 Lead  
 6 Wheeler Operations  
 ACLS  
 Apparatus Operations  
 Basic EMS Review "EMS 101"  
 Basic Firefighter Review "Firefighter 101"  
 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  
 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

## Training Hours

Combined Squad Practice....43.5  
 Dive Practice.....20  
 EMS Practice.....101.5  
 Fire Practice .....162  
 Monthly Meeting.....11  
 Required Practice.....15  
 RIT Team Practice.....31.5  
 Work Detail (Other).....35.5  
 Work Detail (Clean-Up).....5  
 Grand Total.....425.0



Physical Agility Test



Amato Practice Burn : Courtesy of Mukwonago Chief



Highway 83 and Highway I—Two car motor vehicle accident



Eagle Practice Burn



Flight for Life departing from a landing zone created by 3462

***The Year in Review***  
**Fire Suppression Division**

## “The Year in Review”



Photo Description - Construction Site Accident: Personal Injury  
Photo courtesy of the Mukwonago Chief Newspaper

Watertown “Tire Fire”  
Photo courtesy of Mukwonago Fire Dept.



Structure Fire: Village of Mukwonago  
Photo courtesy of the Mukwonago Chief Newspaper

## 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 consisted of 66 fire fighting personnel in 2003. 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

## “The Year in Review”



Photo Description - Motor Vehicle  
Accident on HWY 83

Photo courtesy of the Mukwonago Chief  
Newspaper



Photo Description - Semi Truck Fire  
I43 South of HWY 83

Photo courtesy of the Mukwonago  
Chief Newspaper



## Fire Suppression Division

### Responses Type

Response Type	2003	2004	2005
Hazmat Incident	10	19	17
MVA	72	82	115
Other	120	98	127
Structure Fire	17	23	16
Vehicle Fire	11	10	11
<b>Grand Total</b>	<b>230</b>	<b>232</b>	<b>286</b>

### Response Type by Location

Location Type	2003	2004	2005
Assisted Living Facility	1	0	0
Farm	1	2	1
Industrial	4	5	8
Medical Center	0	3	7
Nursing Home	3	2	5
Other	5	3	3
Public Building	26	24	23
Public Outdoors	15	8	10
Residence	70	74	76
Restaurant/Bar	3	0	0
School	6	7	13
Street/Highway	92	99	137
Waterway	4	5	3
<b>Grand Total</b>	<b>230</b>	<b>232</b>	<b>286</b>

### Response By Area

Response Type	2003	2004	2005
Mutual Aid	23	30	22
Town of Mukwonago	75	83	102
Village of Mukwonago	132	119	162
<b>Total</b>	<b>230</b>	<b>232</b>	<b>286</b>

### Yearly Comparisons

- Total number of incidents increased by 24% since 2003
- Motor Vehicle Accidents (MVA's) increased by 60% since 2003
- Structure fires dropped over 30% since 2004
- Fire responses calls for Mutual aid decreased by 27% compared to 2004
- Fire responses calls for the village of Mukwonago increased by 36% compared to 2004
- Fire responses calls for the town of Mukwonago Mutual increased by 23% compared to 2004



# Motor Vehicle Accidents

Photos courtesy of Mukwonago Chief Newspaper



**Bayview and HWY 83**



**HWY 83 and HWY I**



**HWY 83 and HWY NN**



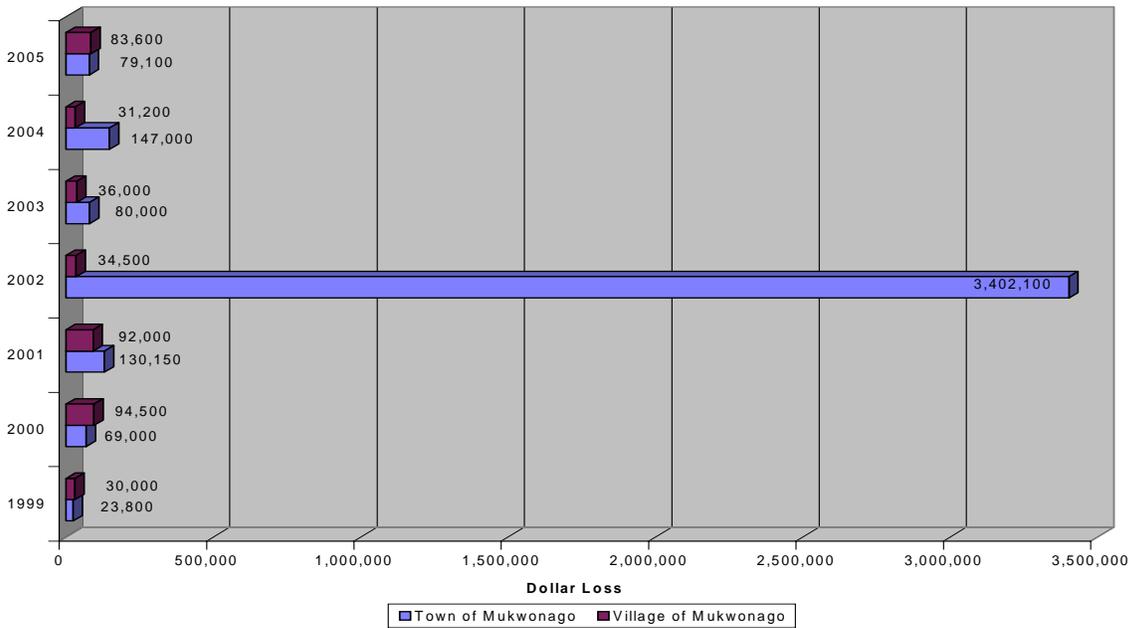
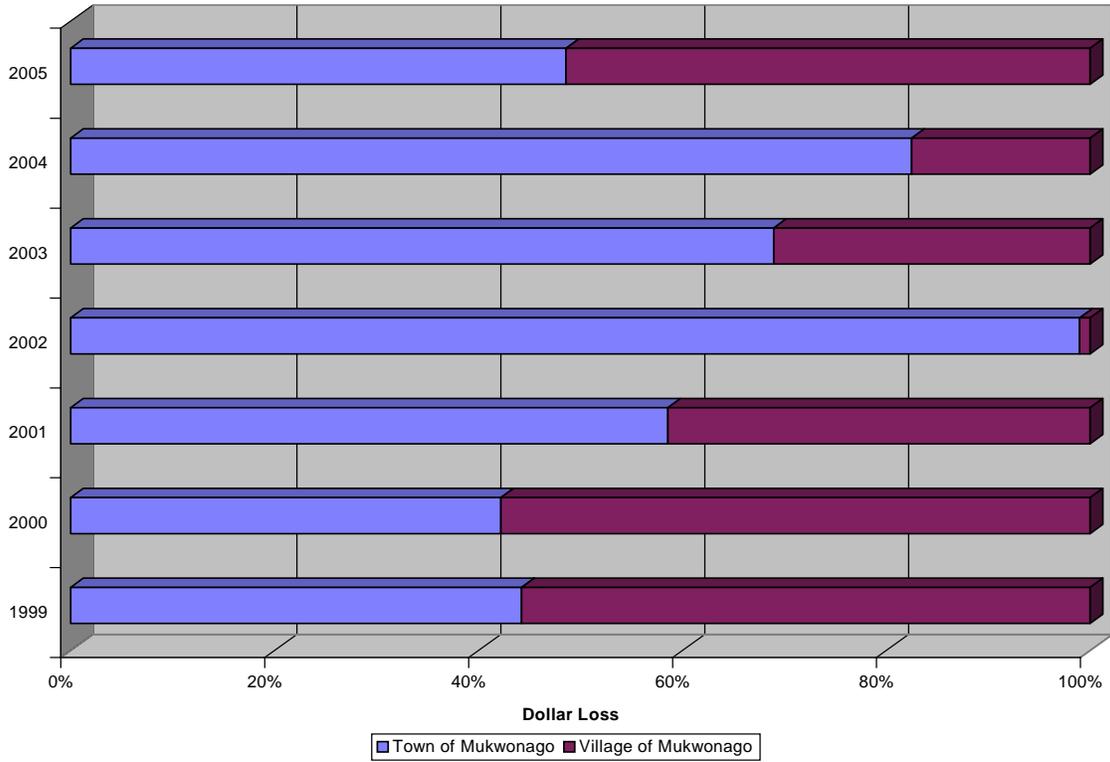
**HWY 83 and HWY I**



**HWY 83 and HWY I**

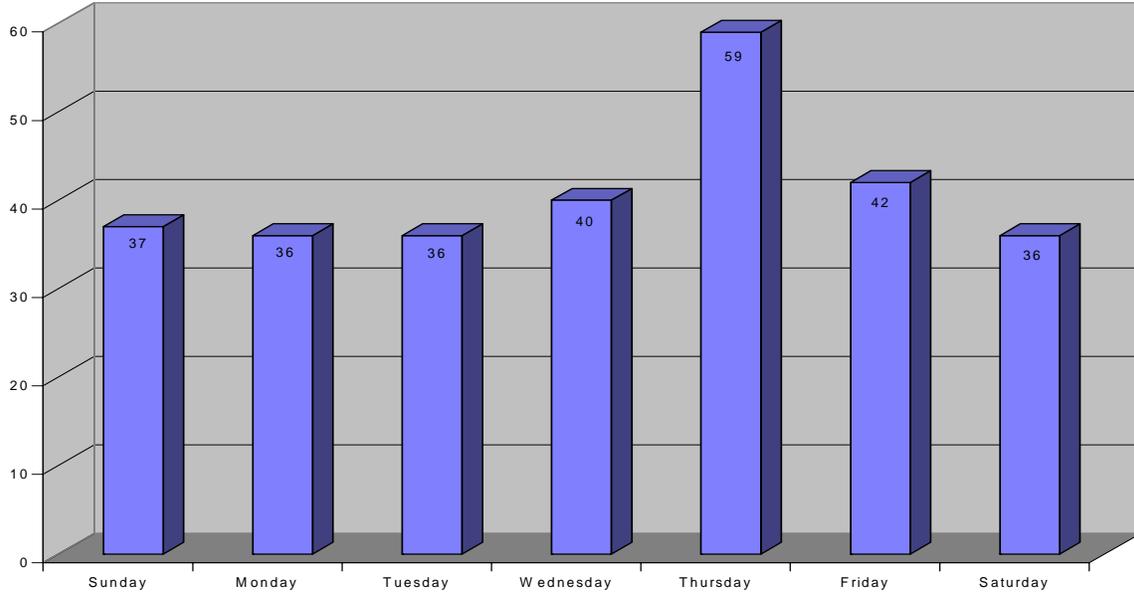
# Fire Suppression Division

## Dollar Loss

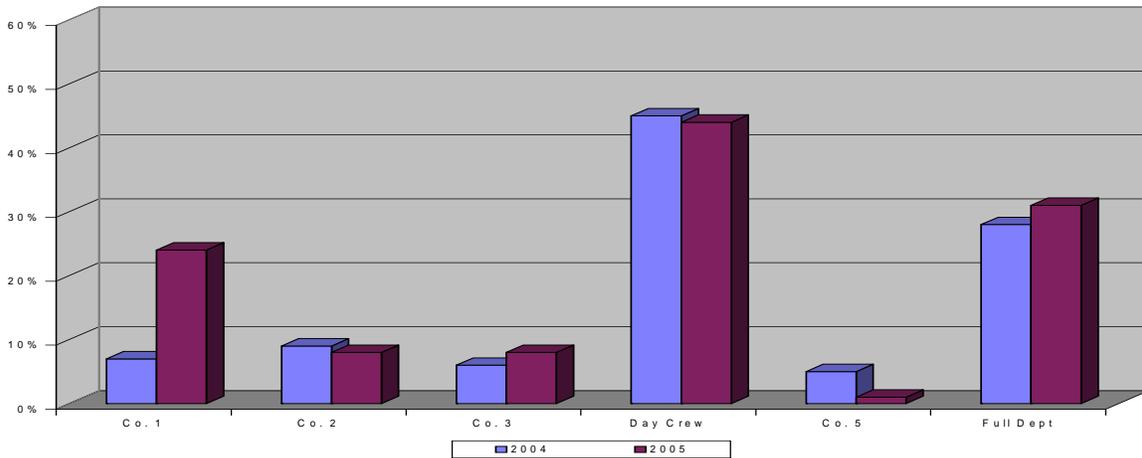


## Fire Suppression Division

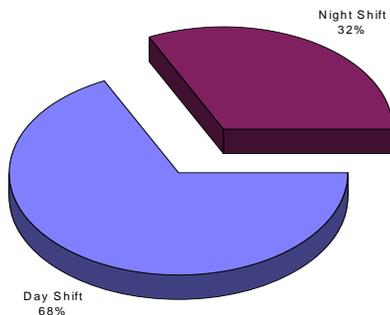
### Fire Response by Day of the Week



### Fire Response by Company



### Fire Response by Shift



The MFD is divided in two shift for the paid on call members: 0600-1800 hours and 1800-0600 hours. The fulltime firefighters work a rotating 24 hour shift

## Fire Suppression Division

### Fire Response by Personnel

Employee This Call	2003	2004	2005	Employee This Call	2003	2004	2005
01, Jeffrey Rolfe , # 243	103	102	132	34, Barb Rozek , # 278	35	23	7
02, Fred Purdy , # 239	76	54	63	35, Lori Whalen , # 248	6	4	8
03, Jeff Cooper , # 208	31	22	22	35, Roman Tuler , # 234	4	1	0
04, Andy Wegner , # 202	89	87	106	36, Kevin Sadowski , # 240	9	53	83
05, Kevin Gardner , # 242	27	23	27	37, Joe Rice , # 265	53	30	27
07, Eric Lang , # 250	0	9	3	38, John Rolfe , # 264	80	91	52
08, Gordon Wells , # 260	50	50	35	39, Rod Schmidt , # 219	24	22	6
09, Bethany Brester , # 221	46	39	31	39, Jennifer Jaessing, #256	0	0	3
10, Paul Giblin , # 285	35	25	31	40, Dale Myszewski , # 277	38	66	64
11, Jason Kirchner , # 292	0	1	0	41, Randy Goodchild , # 229	25	63	72
11, Tim Viola , # 259	22	12	0	42, Gisela Graikowski , # 222	33	22	17
12, Carl Murphy , # 279	0	5	30	44, Christopher Stein , # 297	75	89	86
12, Nathan Wagner , # 231	10	31	0	45, Curt Hansen , # 214	69	72	49
13, William Butka , # 284	42	47	46	46, Jon Petrie , # 226	48	30	18
14, Kevin Slotty , # 244	39	34	26	47, Brian Jablonowski , # 227	45	43	27
15, Adam Kreger , # 224	10	21	0	48, Fredric Schalow , # 215	51	51	57
16, Rich Wielebski , # 251	84	51	13	49, Gregg Jablonowski , # 255	28	7	0
17, Greg Vanness , # 287	0	1	34	49, Jennifer McLeod, #280	0	0	28
18, Scott Purdy , # 230	21	22	20	50, Judee Purdy , # 270	39	38	38
19, Lee Hau , # 204	78	92	97	51, Christopher Holmstrom , # 271	46	45	55
20, Ryan Staker , # 256	85	59	80	52, Troy Kassens , # 273	46	28	31
21, Joe Hoffman , # 261	0	2	8	53, Gregory Hamm , # 223	41	27	33
21, Michael Adler , # 220	9	2	0	54, Jessie Jablonowski , # 298	17	18	0
22, Dave Kirchner , # 235	34	29	8	54, Bowen, Bradley, #232	0	0	11
23, Dave Berg , # 218	44	25	30	55, Todd Beschta , # 207	60	46	49
24, George Jozwiak , # 238	78	82	107	56, Mark Schultz, #257	0	0	3
25, Alicia Brissette , # 212	38	91	2	57, Linda Myszewski , # 293	0	3	4
25, Jacob Cronoe, #213	0	0	4	58, Sherry Coats , # 266	19	20	3
26, Michael Kebbekus , # 233	32	33	0	59, Charlene Siebold , # 294	44	97	116
26, Michael Sergio, #213	0	0	4	60, David Boddin , # 267	77	84	83
27, Daniel Bednarek , # 217	83	67	90	61, Jerry Prager , # 275	21	26	23
28, Andrew Sutilla , # 225	17	2	0	62, Michael Wos , # 201	83	39	43
29, Ashley Berg, #203	0	0	47	63, Jeremy Tamillo , # 249	0	90	65
30, Anthony Caravello, III , # 211	9	80	111	64, Zachary Schmitt , # 289	14	32	0
31, David Unti , # 209	26	33	30	64, Chris Hahn, #245	0	0	43
32, Peter Segmann , # 263	0	4	1	65, Matthew Sura , # 245	1	72	100
33, Kevin Haag , # 268	44	56	59	66, Lisa Wos , # 283	17	40	63



Inside the Ambulance



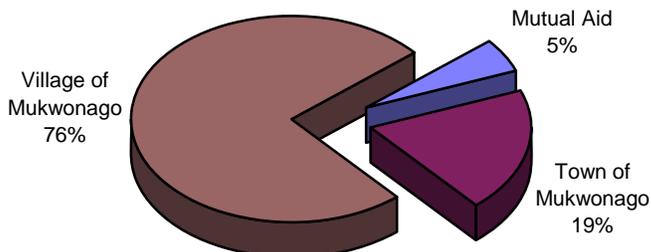
Advanced Airway and Surgical Tools



EMT Tammillo sending telemetry to a local hospital

***The Year in Review***  
**Emergency Medical  
Services Division**

## EMS Responses By Area



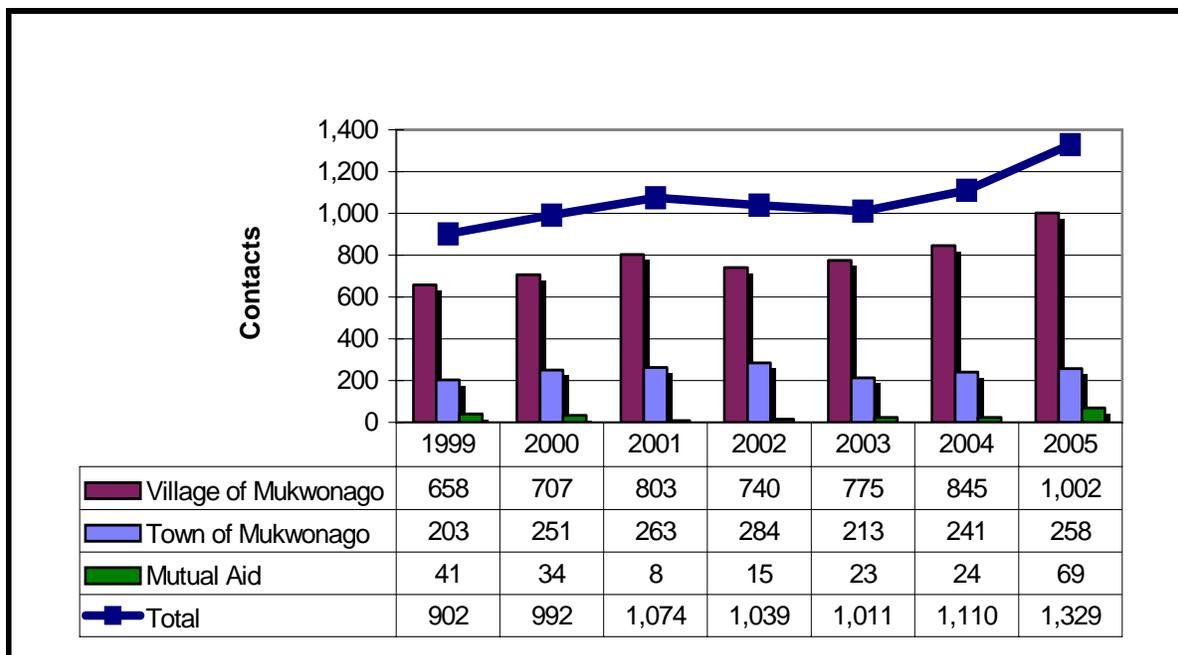
## Quick Facts

- Total patient contacts increased by 34% compared to 2000.
- Village patient contacts increased by 42% since 2000
- Town patient contacts increased by 3% since 2000
- Mutual Aid patient contacts increased by 103% since 2000



Physio Control Life Pack 12: This life pack was donated to the Mukwonago Fire Department courtesy of Pro Health Care

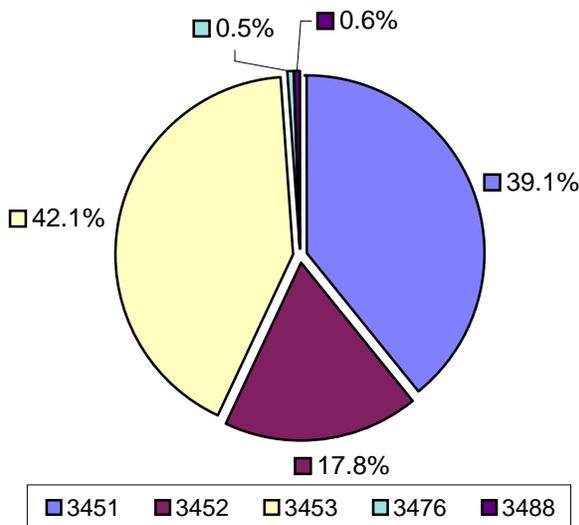
## EMS Response by Area



## MFD Ambulance Utilization

The Mukwonago Fire Department currently has three ambulances: 3451, 3452 and 3453. In the event that all ambulances are on another call 3476 the Mukwonago Heavy Rescue truck can respond to medical calls. 3476 carries a defibrillator and a medical bag, however 3476 cannot transport to the hospital.

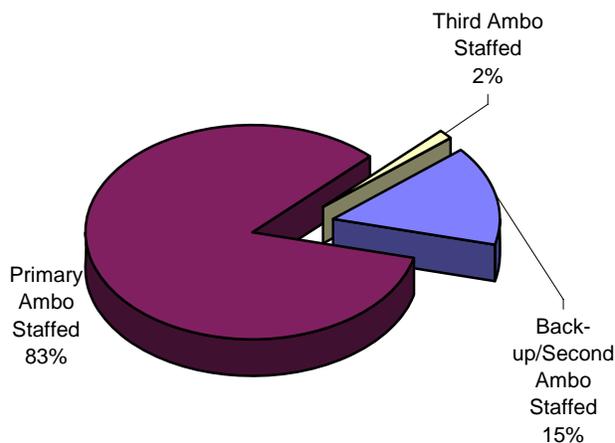
### Vehicle Utilization



### Quick Facts

- 3451 in 2005 had the second highest utilization rate of 39.1% or 402 patient contacts.
- 3453 had the highest utilization rate of 42.1% or 434 patient contacts in 2005
- 17% or 175 patient contacts required a backup ambulance or a third ambulance to be staffed.

### Ambulance Response



Mukwonago Fire Department: 3488  
Paramedic Intercept  
This vehicle was donated to the fire department from John Amato Ford in 2005

## EMS Transports: Hospital Locations



West Allis Memorial Hospital



Children's Hospital

Burlington Memorial Hospital	1.3%
Children's Hospital, Milwaukee	2.3%
Elmbrook Memorial Hospital	0.5%
Froedert Hospital, Milwaukee	0.9%
Lakeland Medical Center	1.1%
Oconomowoc Hospital	0.4%
St. Joseph's Hospital (by the Zoo)	0.1%
St. Luke's Hospital, Milwaukee	0.7%
Veteran's Administration Hospital	0.1%
Waukesha Memorial Hospital	91.3%
West Allis Memorial Hospital	1.3%
Grand Total	855



West Allis Memorial Hospital

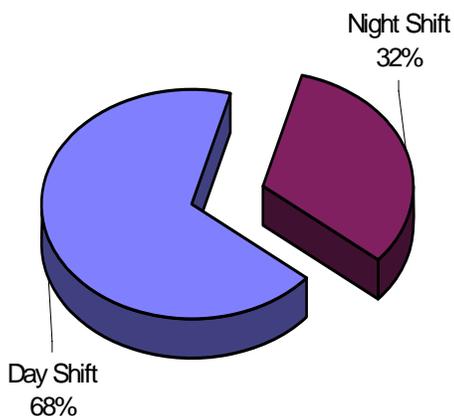


Waukesha Memorial Hospital

## EMS Response: Day and Time Analysis

The Mukwonago Fire Department Ambulance crews are split into two categories: the 06:00-18:00 (day shift) and the 18:00-06:00 (night shift). Each member of the department when on call, is required to respond to all emergency calls during their shift. The ambulance crews of the Mukwonago Fire Department go beyond the call of duty in the event of medical emergencies. It is not strange to see an EMT respond to a neighbor's house at 0400 even if they are not on call.

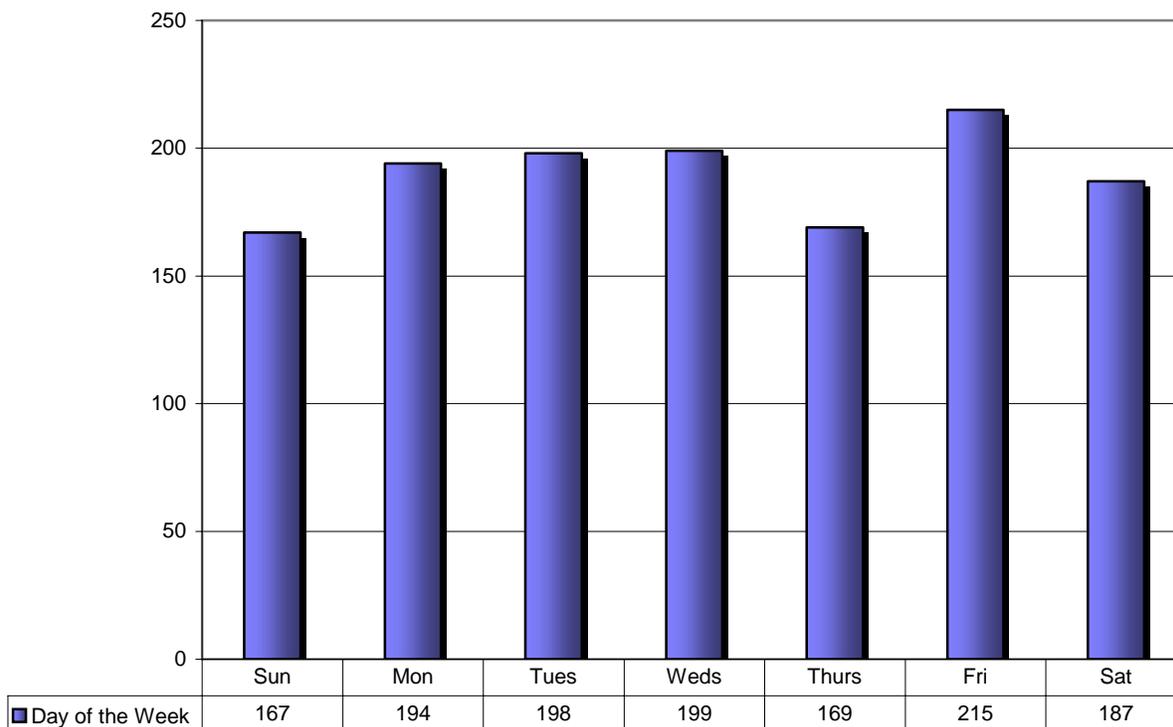
### EMS Response by Shift



### Quick Facts

- Friday was the busiest day of the year with 215 contacts with accounts for 21% of total patient contacts.
- Least busy day with 167 patient contacts or 17% of total patient contacts was Sunday

### EMS Response by Weekday



### Patient Contact by Location

Location Type	Response	Response %
Assisted Living Facility	43	3.2%
Industrial	10	0.8%
Medical Clinic	203	15.3%
Nursing Home	127	9.6%
Other	13	1.0%
Public Building	100	7.5%
Public Outdoors	42	3.2%
Recreational/Sporting	4	0.3%
Residence	473	35.6%
School	29	2.2%
Street/Highway	285	21.4%
Grand Total	1,329	

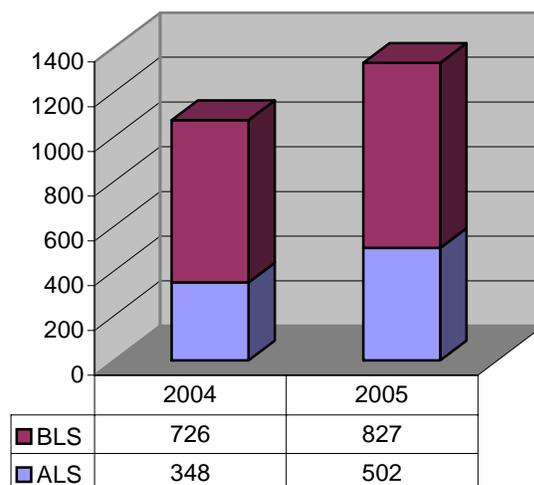
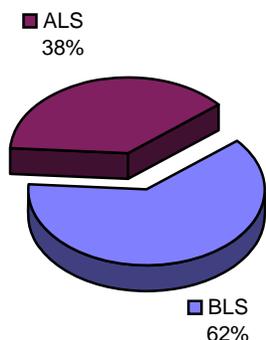
### Quick Facts

- Compared to 2004 our responses to the Medical Clinic category increased by 26% in 2005
- Compared to 2004 our response to Nursing Homes increased by 34% in 2005
- Compared to 2004 our response to Public Buildings increased by 69% in 2005
- Compared to 2004 our response to Street/Highway's increased by 47% in 2005
- Compared to 2004 the MFD transported 11% more patients in 2005. This is an increase of 78 more patients
- Non-Transported patients increased by 39% since 2004 with 98 more patient contacts refusing transport.
- Compared to 2004 Basic Life Support (BLS) contacts increased by 14% or 101 more patient contacts in 2005
- Compared to 2004 Advanced Life Support (ALS) contacts increased by 44% or 154 more patient contacts in 2005

### Patient Contact by Run Type

Type Of Call	Total	%
Ambo Call, No Transport	297	22.3%
Ambo Call, Transport	809	60.9%
Fire	88	6.6%
MVA	113	8.5%
No-Tx Treatment on Scene	15	1.1%
Paramedic Intercept	7	0.5%
Grand Total	1,329	

### Patient Contact



## EMS: Situations Found

Situation Found EMS	2003	2004	2005	Change	Situation Found EMS	2003	2004	2005	Change
Abdomal Pain/Problems	37	36	54	18	Laceration/Cut	9	14	6	-8
Abrasion	2	2	1	-1	Mutual Aid - Other Station	0	1	6	5
Airway Obstruction	2	0	0	0	Mutual Aid - Standby Our Station	0	1	1	0
Allergic Reaction	8	10	18	8	Mutual Aid - To Scene	5	8	7	-1
Altered LOC	35	28	28	0	MVA 1 Vehicle	37	35	38	3
Amputation	2	2	1	-1	MVA Car vs Bike	3	5	3	-2
Avulsion	1	1	0	-1	MVA Multiple Vehicles	107	75	132	57
Back Pain	34	24	34	10	MVA Other	6	15	21	6
Behavioral/Psych.	3	4	5	1	MVA Rollover	6	7	6	-1
Bleeding	15	22	12	-10	Nausea	6	7	6	-1
Burn	4	5	4	-1	No Locate	1	1	3	2
Cardiac Arrest	1	1	2	1	No Patient	48	63	87	24
Cardiac Symptoms	12	14	22	8	Numbness or Tingling, Paresthesia	3	7	5	-2
Chest Pain	81	100	93	-7	Overdose	8	8	10	2
Chills	2	0	0	0	Paralysis	0	1	0	-1
Choking	1	5	4	-1	PNB	9	6	10	4
Contusion/Bruise: Minor Trauma	3	2	9	7	Poison/Drug Ingestion	2	2	1	-1
Dehydration	4	3	8	5	Possible Heart Attack	1	0	1	1
Diabetic Symptoms	14	21	31	10	Possible Suicide	4	2	2	0
Difficulty Breathing/Shortness of Breath	83	91	81	-10	Pregnancy/OB Delivery	2	3	1	-2
Dislocation	7	9	2	-7	Respiratory Distress	11	10	15	5
Dizziness/Fainting/Weakness	45	44	68	24	Seizure	17	28	21	-7
DOA	3	1	2	1	Sexual Assault/Rape	0	1	0	-1
Drug Reaction	2	2	0	-2	Sickness, Other	11	11	8	-3
Fall	79	103	115	12	Stab Wound/Puncture Wound: Penetration	0	2	1	-1
Fever/Hyperthermia	4	6	17	11	Stand-By at Scene	34	18	23	5
Fracture	6	12	6	-6	Stand-By at Station	12	3	14	11
GI Bleeding	1	5	3	-2	Stings/Bites	2	1	3	2
Gunshot Wound: Projectile Wound	1	0	1	1	Strain or Sprain	1	2	0	-2
Headaches	8	10	1	-9	Stroke	11	14	13	-1
Heat Stroke	1	0	4	4	Swelling	5	1	9	8
Hemorrhaging, Bleeding Internally	0	1	0	-1	Toxic Inhalation	2	1	1	0
Hypertension	3	2	4	2	Trauma: Internal	0	1	1	0
Hypothermia	0	1	0	-1	Traumatic injury	45	37	54	17
Illness	13	14	12	-2	Unclassified	77	125	167	42
Intoxication Suspected	5	7	7	0	Vomiting	4	6	4	-2

### Quick Facts

- Top three situations found were: “Motor Vehicles Accidents (10% of 132 situations found) “Falls” ( 9% or 115 situations found) and “Chest Pain” (7% or 93 situations found)
- MVA’s Multiple Vehicles are up by 76% or 57 situations found compared to 2004

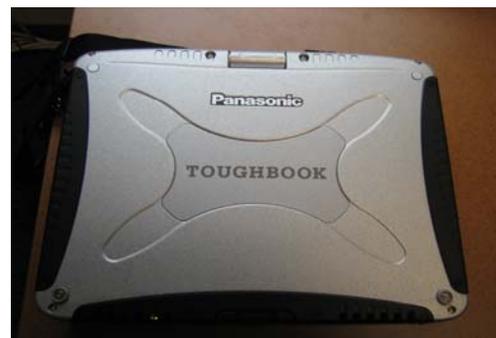


## Response by Individual

Below is a summary of all calls responded to by each individual firefighter in 2004. Some members in the list below are probationary personnel that have not completed EMT or may have left the Mukwonago Fire Department in 2004.

Employee This Call	2004	2005	+/-	Employee This Call	2004	2005	+/-
01, Jeffrey Rolfe , #243	52	73	21	38, John Rolfe , #264	230	213	-17
02, Fred Purdy , #239	77	77	0	39, Rod Schmidt , #219	19	16	-3
03, Jeff Cooper , #208	63	95	32	39, Jennifer Jaessing , #256	0	28	28
04, Andy Wegner , #202	79	101	22	40, Dale Myszewski , #277	250	254	4
05, Kevin Gardner , #242	32	46	14	41, Randy Goodchild , #229	51	77	26
06, Jamie Spencer , #269	0	7	7	42, Gisela Graikowski , #222	36	20	-16
07, Eric Lang , #250	39	19	-20	44, Christopher Stein , #297	149	200	51
08, Gordon Wells , #260	51	32	-19	45, Curt Hansen , #214	68	50	-18
09, Bethany Brester , #221	130	132	2	46, Jon Petrie , #226	45	37	-8
10, Paul Gblin , #285	30	32	2	47, Brian Jablonowski , #227	14	7	-7
12, Carl Murphy , #279	7	77	70	48, Fredric Schalow , #215	49	56	7
13, William Butka , #284	26	30	4	50, Judee Purdy , #270	146	147	1
14, Kevin Slatty , #244	102	100	-2	51, Christopher Hlmstrom , #271	62	67	5
17, Greg Vanness , #287	0	5	5	52, Troy Kassens , #273	1	1	0
18, Scott Purdy , #230	3	7	4	53, Gregory Hamm , #223	77	108	31
19, Lee Hau , #204	117	102	-15	54, Jessie Jablonowski , #298	30	18	-12
20, Ryan Staker , #256	3	2	-1	55, Todd Beshta , #207	27	26	-1
21, Joe Hoffman , #261	0	2	2	57, Linda Myszewski , #293	16	54	38
23, Dave Berg , #218	63	56	-7	58, Shery Coats , #266	36	8	-28
24, George Jozwiak , #238	100	109	9	59, Charlene Siebold , #294	92	205	113
27, Daniel Bednarek , #217	53	76	23	60, David Bodden , #267	81	83	2
30, Anthony Caravello , #211	219	204	-15	61, Jerry Prager , #275	19	39	20
31, David Unti , #209	62	57	-5	62, Michael Wbs , #201	64	99	35
32, Peter Segmann , #263	25	21	-4	63, Jeremy Tamillo , #249	1	75	74
33, Kevin Haag , #268	1	16	15	64, Chris Hahn , #255	0	118	118
34, Barb Rozek , #278	101	55	-46	65, Matthew Sura , #245	277	267	-10
35, Lori Whalen , #248	63	77	14	66, Lisa Wbs , #283	40	110	70
36, Kevin Sabowski , #240	33	80	47				

Tough book Computer Laptops will be installed in all the ambulances in 2006. Majority of these computers came from the Mukwonago Fire Department Association and other donated funds,



***The Year in Review***  
**Dive and R.I.T.**

## 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!

DRI Com System—Two full masks with communication systems. Our divers are now able to communicate with each other and our line tenders.



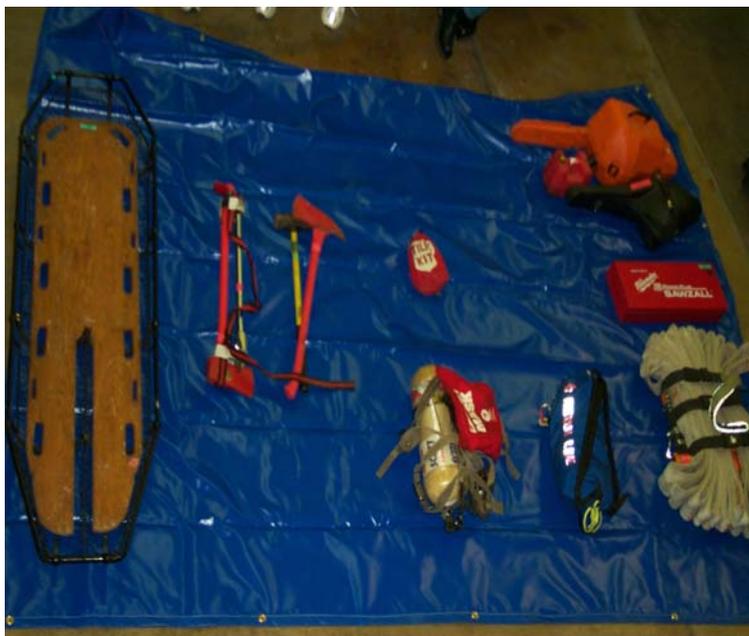
## Mukwonago Fire Department Special Services Rapid Intervention Team (R.I.T.)

### Who rescues the firefighters? -- the Rapid Intervention Team (RIT)

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 2005 Mukwonago trained jointly with numerous local fire departments to practice the fundamentals of the Rapid Intervention Team (RIT). To reduce line-of-duty deaths, the R.I.T. 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.T. 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.T. team is highly trained in search and rescue techniques, mask change-over, forcible entry, rapid extrications and the list goes on.





- 3471 has a reach of 110 feet giving the MFD a tactical advantage in fighting fires. Many homes today are being built further off the roads and some homes are being built that a 35 foot standard ladder will not reach the roof top. Therefore, having a ladder with an horizontal reach of 110 feet we are able to access the rooftop more quickly and efficiently
- In the event of any structure fire 3462 is staffed first. 3462 carries a crew of six individuals that are equipped with the latest in firefighting technology: Scott's NXG2 air packs, a 4 gas detector and a MSA Thermal Imaging Camera.



***The Year in Review***  
**Mechanical Division**

## Mechanical Division: Engines (Pumpers)

**3461**



Vehicle: 3461 – 1990 Spartan Darley  
Year Purchased: 1990  
Approximate Cost: \$190,000  
Replacement Year: 2015  
Replacement Cost: \$488,000

Vehicle Odometer Reading Year End 2005: 16,897

**3462**



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

Vehicle Odometer Reading Year End 2005: 9,854

**3463**



Vehicle: 3463 – 1977 Ford Pierce  
Year Purchased: 1977  
Approximate Cost: \$110,000  
Replacement Year: 2007  
Replacement Cost: \$400,000

Vehicle Odometer Reading Year End 2005: 45,359

## Mechanical Division: Specialty Apparatus

**3471**



Vehicle: 3471 – Pierce Aerial Platform 110 Feet  
Year Purchased: 2003  
Approximate Cost: \$ 75,000  
Replacement Year: 2014  
Replacement Cost: \$ 800,000

Vehicle Odometer Reading Year End 2005: 44,318

**3476**



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

Vehicle Odometer Reading Year End 2005: 12,535

**3481**



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

Vehicle Odometer Reading Year End 2003: 13,439

## Mechanical Division: Tankers

**3491**



Vehicle: 3491 – 1996 International US Tank  
Year Purchased: 1995  
Approximate Cost: \$80,000  
Replacement Year: 2020  
Replacement Cost: \$300,000

Vehicle Odometer Reading Year End 2005: N/A

**3492**



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

Vehicle Odometer Reading Year End 2005: 11,481

## 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

Vehicle Odometer Reading Year End 2005: 43,362

**3496**



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

Vehicle Odometer Reading Year End 2005: N/A

## 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

Vehicle Odometer Reading Year End 2005: 28,788

**3488**



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

Vehicle Odometer Reading Year End 2005: 52,022

**3486**



Vehicle: 3486 – Mercury  
Year Purchased: 2003  
Approximate Cost: \$ 800 (Cost of Repairs)  
Replacement Year: N/A  
Replacement Cost: \$ 25,000

Vehicle Odometer Reading Year End 2005: 141,577

### Mechanical Division: Ambulances

**3451**



Vehicle: 3451 – 1995 Ford Med Tech Ambulance  
Year Purchased: 1995  
Approximate Cost: \$76,000  
Replacement Year: 2007  
Replacement Cost: \$115,000  
  
Vehicle Odometer Reading Year End 2005:  
91,857

**3452**



Vehicle: 3452 – Freightliner/Sprinter  
Year Purchased: 2003  
Approximate Cost: \$60,000  
Replacement Year: 2012  
Replacement Cost: \$125,000  
  
Vehicle Odometer Reading Year End 2005:  
21,309

**3453**



Vehicle: 3453 – 2000 Freightliner Med Tec  
Year Purchased: 2000  
Approximate Cost: \$130,000  
Replacement Year: 2009  
Replacement Cost: \$210,000  
  
Vehicle Odometer Reading Year End 2005:  
67,176

## Mechanical Division: Miscellaneous Vehicles

### Car 1



Vehicle: 2004 Ford Escape  
Year Purchased: 2004  
Approximate Cost: Lease  
Replacement Year: 2010  
Replacement Cost: \$45,000  
Vehicle Odometer Reading Year End 2005: 19,376

### 3484



Vehicle: 3486 – 6x6 and Trailer  
Year Purchased: 1997  
Approximate Cost: \$ 8,500  
Replacement Year: 2010  
Replacement Cost: \$ 10,000  
Vehicle Odometer Reading Year End 2005: N/A

### HazMat/ Emergency Govt. Trailer



Vehicle: Hazmat/Emergency Govt. Interstate Trailer  
Year Purchased: 1994  
Approximate Cost: \$ 4,000  
Replacement Year: 2020  
Replacement Cost: \$ 6,500  
Vehicle Odometer Reading Year End 2005: N/A

***The Year in Review***  
**Public Relations**

## Public Relations

### Fire Prevention Week History

On a balmy evening in October 1871, Daniel “Pegleg” Sullivan was sitting outside his house enjoying the usual warm weather. His contentment was suddenly shattered by the sight of flames inside the barn of his friends, Patrick and Catherine O’Leary, who lived across the street. Daniel rushed to the barn to help but the fire was already too far advanced and not much could be saved.

The fire, aided by strong, restless wind, spread at lightening speed through the predominately wooden structures of greater Chicago. By the following day, October 9 when the fire was finally brought under control by the use of explosives, much of Chicago had been devastated. At least 300 people had perished and some 18,000 buildings were destroyed. Almost one third of Chicago’s population of 300,000 was left homeless.

Therefore, on each October 9<sup>th</sup>, the people of Chicago commemorated the fire with parades and ceremonies. In 1911, The Fire Marshals Association of North America officially declared that date as Fire Prevention Day.

### Fire Prevention Week in Mukwonago

During Fire Prevention Week, members of the Mukwonago Fire Department visit local schools to education children of all ages. The volunteers who visit the schools or organizations present the children with educational speeches, handouts and demonstrations they could participate in.

### Public Education

The Mukwonago Fire Department doesn’t stop with only visiting the schools and talking with children. Mukwonago FD hosts numerous CPR courses in the community, station tours that allow kids of all ages to see the equipment we use and learn how we train in order to preserve life and property safely. Also several members work with the Boys and Girls Scouts of America to lecture on First Aid, Emergency Preparedness and Safety.

The Fire Department is always prepared to provide resources when a community group or organization needs assistance or requires our help. Each event we participate in only gives us the opportunity to educate more of our citizens



Midnight Magic Parade  
3462



Father's Day Parade  
3462



Mukwonago Fire Department partici-  
pates in numerous parades every  
year

*Mukwonago Fire Department Open House*

*Fire Safety Week—Talk with  
100's of kids of all ages*

*Pro-Health Care Open House*

*Boaters Safety*

*CPR Classes*

*....much much more*

