2011 Annual Report
Manitowoc Fire Department

To Bill Manis
With best wishes,

City of Manitowoc

Honorable Mayor: Justin M. Nickels

Police and Fire Commissioners:

Thomas Bare - President
Paul Blashka - Vice President
William Hennessy - Secretary
Kate Reynolds
Kay Beilke

Commission is a non-political commission appointed by the mayor. The Committee oversees the hiring, discipline, and firing of police and fire personnel. They also oversee the process in which police and fire personnel are hired and promoted.

Alderpersons:

District 1 - Lee Thennes/Collin Braunel
District 2 - Scott McMeans
District 3 - Christopher Able
District 4 - James Brey
District 5 - Matt Kadow
District 6 - Alex J. Olson
District 7 - Jill Hennessey
District 8 - Dave Soeldner
District 9 - Allan Schema
District 10 - Jason Sladky

Public, Property, and Safety Committee:

James Brey - Chair
Scott McMeans
Jill Hennessey
Chris Able
Alex Olson - Vice Chair

This is the oversight committee the fire department reports to.

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CITY OF MANITOWOC

April 30, 2012

Mayor Justin Nickels
Members of the City Council
Manitowoc Police and Fire Commission

It is with continued pride that I present to you the 2011 Annual Report of the Manitowoc Fire Department. This document will display information about our department and the statistics for 2011.

What a fantastic yet challenging year we had! In January, we were visited by the President of the United States. This was definitely a great honor for the City of Manitowoc. Along with this honor, there were countless hours of preparation required to make this a safe visit for the community and for President Obama. Area public safety agencies worked with the FBI and the Secret Service for many hours to accomplish this visit. Dignitaries from the area, Police Chief Tony Dick, and I were able to personally meet the President. As you can see on the cover, I also had the opportunity to have my picture taken with the President.

2011 also brought record call volume numbers to the department. We responded to 4,611 Emergency Medical Calls and 811 fire rescue calls for service. Our staffing level always seems to be an area that people have questions on, so I have added one complete section within the report to discuss and compare our staffing with other local Wisconsin communities.

OFFICE OF FIRE DEPARTMENT

With our country currently at war, our department joined on with other fire departments nationwide to support our troops. Every Friday, until our troops come home, our members will wear Red Shirts in honor of the men and women fighting for our freedom. The Fire Department Union also sells these shirts to the public. All profits go to the Wounded Warrior Project to help families and veterans cope with injuries as a result of the war.

Another big project that we took on this year was to become a Mutual Aid Box Alarm System (MABAS) County in the State of Wisconsin. Currently there are 37 counties that belong to this group. The purpose is to handle large scale incidents with preplanning. One example of this was the Patrick Cudahy fire in 2009. Over 100 fire departments responded as part of a MABAS request to control and extinguish this fire. MABAS was also used with the flooding in 2010 along the Mississippi River. MABAS also lets you preplan events just for your community. All 21 fire department in Manitowoc County belong and are working to preplan events to make fire fighting more organized in the future.

In 2011, the Fire Department joined with Building Inspection and the Police Department to improve blighted neighborhoods. The Building Inspection Department took the lead on this project. The goals of the program were to:

1. Identify life safety issues and correct them.
2. Identify building construction that was in need of repair.
3. Identify buildings that needed some aesthetic work and offer the landlords some alternatives.
4. Overall goal was to make our neighborhoods safe and look nice.

As the economy continues to decrease, we get busier. As you will see in 2011 our call volume is up and so is our dollar loss to fires. With less people having insurance and people wanting to stay at home longer, our EMS Division has gotten more "Help-Up Calls" and "No Transport/Assessment Only" calls. Also in this past year we have seen local Emergency Rooms go on by-pass for either having no beds or not enough staff. As an all-hazard responder we must adapt to all different kinds of challenges.

One of the last giant steps our department took in 2011 was to become certified as Critical Care Paramedics. The state, as well as the federal government, has now recognized a higher level of care than that of the Paramedic. In order to get higher reimbursements and continue to provide critical care transports our department did an in-house training of 42 staff to achieve the level of Critical Care Paramedic. This program was done jointly with the Two Rivers Fire Department. A majority of the classes were done electronically through the internet by using a program called "SKYPE". Our area medical directors, doctors, and critical care nurses took part in this training as our instructors. This was all done with donated time so our cost was drastically reduced. We estimated that it would have cost our department around $1,000.00 per student if we sent our staff to area technical colleges to get this training. We were able to provide the training in-house at a total cost of less than $1,000.00. As far as we have been able to ascertain, Manitowoc and Two Rivers were the first fire departments to be approved to this level in 2011. We continue to work with our Medical Director, Dr. Todd Nelson, on a consistent Quality Assurance System.

As we continue to look into the future, it will be vital to remember the importance of having fire stations geographically spaced. The key to this fact is that fire doubles in size every minute. With fires that have been reported to us in a timely fashion, we have been able to save lives and property. Our daily staffing level of firefighters is to fight a normal room and contents house fire, not a large fire or an industrial fire. "We staff for the norm not the exception". We rely on our off duty firefighters to respond, as well as our neighboring fire departments to help when called. Currently, we have a good working relationship with all fire departments in the County. The future may show a regional approach to provide fire service.

The personnel of the fire department are to be commended for their commitment to professionalism and service as they continue to excel not only in service, but also in the willingness to make changes to better the way we deliver our services. As a department, we continue to strive to create and update our policies and procedures in an effort to provide an excellent service at a reasonable cost to our community.

Sincerely

William P. Manis II
Fire Chief

2011 Department Goals and Objectives

1. Provide employees a safe and enjoyable work place
2. Move from an ISO rating of 3 down to a 2
3. Update Standard Operating Guidelines
4. Maintain good Union-Management relationship
5. Make the department Safety Committee more active
6. Maintain staffing with hopes to increase in the future
7. Reduce customer complaints
8. Improve training
9. Improve department's ability during water emergencies.

Vision Statement:

It is the vision of the Manitowoc Fire Department to provide friendly, compassionate, and quality service to the citizens and visitors of Manitowoc

MISSION STATEMENT

It is the mission of the Manitowoc Fire Department to utilize the cooperative efforts of supervisory and line personnel to protect the lives and property of our citizens and those who visit our community.

In order to achieve this goal, several programs have been developed, including:

Fire Suppression

Paramedic Ambulance Response

Emergency Medical First Response by EMT-D Engine Companies

Public Education

Fire Code Enforcement

Specialized Rescue

Project Childsafe

Smoke Detector Installations

Carbon Monoxide Investigations

Hazardous Materials Response

Fire Investigation

Employee Training

Public Service response when the well-being of citizens or their property is threatened, and assistance from the Fire Department is appropriate.

Vehicle Report Manitowoc Fire Department 2011

Ladder Truck -	2004 Pierce 105 foot Aerial	Replacement Date: 2029
Engine One -	2009 Pierce 1250 GPM Pump	Replacement Date: 2030
Engine Two -	2000 Pierce 1250 GPM Pump	Replacement Date: 2020
Engine Three -	1999 Pierce 1250 GPM Pump	Replacement Date: 2018
Engine Four -	1999 Pierce 1250 GPM Pump	Replacement Date: 2019
Engine Five -	1994 Pierce 1250 GPM Pump	Replacement Date: 2014

Pickup Truck 10 2010 - 4 X 4 Utility Truck for towing/plowing	Replace: 2020
Pickup Truck 11 2008 - 4 X 4 Utility and Chief's Car	Replace: 2018
Car 1 1999 - 4 door sedan – Inspectors vehicle and training commuter	Replace: 2009

Boat 1 - 2007 angular 22'			Replace: 2017
Zodiac Boat 14 foot inflatable			Replace: 2015
Squad 1 2011 Lifeline -	Miles:	8,952	Replace: 2021
Squad 2 2004 Marque -	Miles:	91,371	Replace: 2014
Squad 3 2005 Lifeline -	Miles:	136,785	Replace: 2015
Squad 4 2008 Marque -	Miles:	112,855	Replace: 2018
Squad 5 1998 Marque -	Miles:	171,927	Replace: 2008
Squad 6 1996 Marque -	Miles:	169,706	Back-up
Squad 7 2002 Lifeline -	Miles:	108,013	Back-up
Squad 8 1999 -	Miles:	105,048	Replace: 2009
Squad 9 2006 Marque -	Miles:	119,266	Replace: 2016
Squad 10 1994 MedTec -	Miles:	?	Tech Rescue
Squad 11 1993 Marque -	Miles:	187,350	Back–Up

Tech Rescue Trailer - 1993 - Tandem axle Replace: 2013
EMS Mass Casualty Trailer - Housed at Station 4, owned by County
Hazmat Trailer - Housed at Station 4 annex, owned by County
Hazmat Ranger 4 X 4 - Housed at Station 4 annex, owned by County
Command Post – 1995 - Housed at Station 4, owned by County

Manitowoc Fire Department 2011 Stations:

Station One: 911 Franklin Street
Built - 1991 - Shared structure with Manitowoc Police Department
Staff - Administration: One Chief, Two Deputy Chiefs, and Two Clerical
Line Staff - One Battalion Chief, Two Lieutenants, Three Drivers, and up to Two Paramedic/Firefighters when at full staff.
Frontline Vehicles - Ladder 1, Engine 1, Squad 1, Squad 9, Car 1, Zodiac Boat, Tech Rescue Trailer, T-11 and T-10
Back Up Vehicles - Squad 6, 10

Station Two: 1410 North 8th Street
Built - 1957 - Fire Department with City Storm Shelter
Staff - One Captain, One Driver, One Paramedic/Firefighter
Front line vehicles - Squad 2 , Engine 2
Back Up Vehicles - Squad 7

Station Three: 3820 Dewey Street
Built - 2001 - Fire Department with City Storm Shelter
Staff - One Captain, One Driver, One Paramedic/Firefighter
One additional person when above the minimum staffing level.
Front line vehicles - Squad 3, Engine 3
Back-Up Vehicles - Engine 5, Squad 5

Station Four: 1425 Fleetwood Drive
Built - 1999 - Fire Department with small Storm Shelter Area
Staff - One Captain, One Driver, One Paramedic/Firefighter
Front line vehicles - Squad 4, Engine 4
Back-Up Vehicles - Squad 8, Command Post

2011 ROSTER ASSIGNMENTS

DISTRIBUTION OF PERSONNEL
October 7, 2011

CHIEF
William P. Manis II

DEPUTY CHIEF
Gregg P. Kadow

DEPUTY CHIEF
Todd M. Blaser

SECRETARY
Judy Fuerbringer

CLERK
Chris Miller

A PLATOON

BATTALION CHIEF

Tim Herzog, BC/PM

CAPTAINS	STATION
Rick Vogt, CAPT/PM	3
Scott Moran CAPT/PM	4
Dave Schauer, CAPT/PM	2

LT LOCKER ASSIGNMENTS

	STATION
Fred Pfile, LT/PM	1

MPO LOCKER ASSIGNMENTS

	STATION
Mike Willman, MPO	1
Gregg Scheurell, MPO	2
Kelly Miller, MPO/PM	1
Chuck Olson, MPO/PM	3
Ben Kraynek, MPO/PM	4
Kevin Cerkas, MPO/PM	3

FF LOCKER ASSIGNMENTS

	STATION
Jacob Johnsrud FF/PM	
Dan Laque FF/PM	
Kevin Hoffman FF/PM	
Scott Valleskey, FF/PM	
Kevin Wilke, FF/PM	
Ashley Engeldinger, FF/PM	
Kiel, Tyler, FF/PM	
Kevin Fabian, FF/PM	

B PLATOON

BATTALION CHIEF

Ken Cayemberg, BC

CAPTAINS	STATION
Brian Muck, CAPT	4
Jon Koch, CAPT/PM	2
Seth Dramm, Capt	3

LT LOCKER ASSIGNMENTS

	STATION
Jeff Keehan, LT/PM	1

MPO LOCKER ASSIGNMENTS

	STATION
Ron Van Os, MPO	1
Mark Hinz, MPO/PM	3
Joe Skinner, MPO/PM	3
Dan Griepentrog, MPO/PM	1
Brad Olivera MPO/PM	2
Brian Lodel, MPO/PM	4

FF LOCKER ASSIGNMENTS

	STATION
Scott Larsen FF/PM	
Allyson Ewald, FF/PM	
Tammy Halle, FF/PM	
Arik Ringmeier, FF/PM	
Bobby Stelter, FF/PM	
Ben Kooiman, FF/PM	
Tim Dykstra, FF/PM	
Andrew Golla, FF/PM	

C PLATOON

BATTALION CHIEF

Karl Koch, BC/PM

CAPTAINS	STATION
Mark Rusboldt, CAPT	4
Dan Hrudka, CAPT/PM	3
Cindy Leist, CAPT	2

LT LOCKER ASSIGNMENTS

	STATION
Garrett Grissom, LT/PM	1

MPO LOCKER ASSIGNMENTS

	STATION
Tom Surfus, MPO	1
Jason Pielhop, MPO/PM	1
Kerry Peck, MPO/PM	3
Jeremy Wagner, MPO/PM	3
Jason Sweney, MPO/PM	2
Mark Voelker, MPO/PM	4

FF LOCKER ASSIGNMENTS

	STATION
Bryan Kassube, FF/PM	
Rodger Whiteside, FF/PM	
Adam Theel, FF/PM	
Richard Barbier, FF/PM	
Nick Czaja, FF/PM	
Logan Baitinger, FF/PM	
Andrew Schoessow, FF/PM	

Staffing

The Manitowoc Fire Department is uniquely staffed. The type of staffing used at our outlying stations is called "Cross Staffing". This type of staffing requires staff to be assigned to two vehicles rather than one, and also reduces the number of on-duty staff to one less Firefighter/Paramedic per shift per station. However, this kind of staffing only works when the call volume supports it.

Some interesting comparisons as I look back at 1980s Annual report:

	1980	**2011**
Local 368 firefighters personnel	51	51
Non-Union Personnel	7	7
Ambulance calls	807	4,611
Fire Calls	207	811
Fire Stations	3	4

Wow! We have increased business by over 500% yet not added any staff. The other staggering number is we have added technical rescue to the department since the 1980's and continue to train all members to Fire, EMS, and Technical Rescue. Citizens oftentimes wonder, "What does the fire department do when they are not on calls?" The simple answer is: we train to maintain our certifications; we inspect every public building at least once a year; high risk buildings are inspected at least twice a year. We provide public education to all local schools, City Departments, and local civic groups, as well as do standby at large public events. We are also the department that responds to all types of hazards. This is the short list of what we routinely do.

So, let's get back to current staffing of the Manitowoc fire Department:

There are currently three standards to look at when it comes to staffing of Fire Departments: MABAS, NFPA 1710, and the community's needs. MABAS stands for Mutual Aid Box Alarm System. This is a State system that calls for additional help during large events. The system has determined the minimum number of people required on an apparatus that is needed to respond to a fire or significant incident. NFPA 1710 is a national standard that we use for benchmarks and it recommends the number of firefighters that should respond to a normal room and contents fire in a 2,000 Square Foot house. The community's needs are based on types of occupancies, hazards, types of responses, and the call volume of the department.

The Manitowoc Fire Department looks at two categories when we decide on our minimum staffing. We look at the EMS call volume and what it takes to safely put out a room and contents fire. As you can see from the attached chart we are currently well below both standards (Chart #1), and our call volume continues to climb each year.

The Department Management Team continues to review staffing requirements to provide a safe yet lean department. We look at response times and call volumes. In a fire situation a fire will double in size every minute. In an Emergency Medical situation every minute counts when you are not breathing or bleeding profusely. The City is fortunate to have four fire stations. This gives us the ability to divide the City into four quadrants to provide a quick response. Our goal is to meet the national standard (NFPA 1710 Chapters 4 and 5) of a 240 seconds travel time for the first unit to report to a structure fire 90 percent of the time and the remaining units to be on scene within 480 seconds, 90 percent of the time. We are able to meet this standard 90 percent of the time with four stations. Without the four stations there would be sections of the City that would fall below the national standard, as well as our department standard and department mission to provide for a quick response to those in need.

When you look at response times and Emergency Medical Services you will note the following crucial times:

1. Cardiac - Time is Muscle - This refers to the ability to diagnosis a heart attack and get that person to a cardiac center. The goal here is to diagnosis and open the blockage within 90 minutes of onset.
2. Trauma - The Golden Hour. This refers to getting a traumatized patient from the place of injury to a surgical suite within 60 minutes.
3. Stroke - The key to successful stroke management is to diagnose and start to treat a stroke within three hours of when the symptoms started.

All of the care we give in EMS is determinant of proper diagnosis and rapid transport to an appropriate facility. If this is accomplished we can decrease death and disability. This, in essence increases the ability for the person to enjoy a long, happier, and healthier life.

In 2011, the City of La Crosse did a staffing study (Chart #2). This study was put together by an internal committee of alderpersons. Manitowoc is mentioned twice in this study; once with a population of 34,000 and once with a population of 49,000. The population of 34,000 is the population just in the City of Manitowoc. However, the City provides EMS coverage to a large part of the County, approximately 100 square miles and an additional 15,000 people. To be fair, we provided both sets of data so you can see how we rank in both categories.

Currently the chief of the department feels that minimum staffing of the department should be 16 as does the local fire union. In 2010 the local union gave up substantial contract dollars to obtain, over the three years of the contract, one additional person per year over the life of the contract. This would allow the department to have 16 firefighters on shift most of the time, with the minimum staying at 15. NFPA recommends that 18 firefighters show up at a room and contents house fire. Please refer to the Lacrosse study once again to see that Manitowoc sends 12 firefighters to the scene of a room and contents fire.

The Insurance Safety Office ranks fire department on a 1-10 scale. In the state of Wisconsin there are currently no fire departments with the rating of one. One is the best insurance rating available and 10 being an unfavorable fire rating. In 2008 Manitowoc was moved from a rating of four to a rating of three. Chief Manis has the goal of achieving a rating of two by the end of 2013. Once a community fire department achieves a rating of two, commercial insurance as well as homeowner fire insurance will see a decrease in the owner's premium. Our staffing rating from ISO was a rating of ten. This rating goes from a zero to 15. A rating of 15 would indicate the department meets national standards.

In summary, the Manitowoc Fire Department continues to provide the best service we can to the citizens and visitors of the City of Manitowoc. We recognize the financial restraints and attempt to deal with staffing on a daily basis. Our promise to the community is that we will be there in your time of crisis.

2011 Minimum Staffing

CHART 1

	National Standard	Wisconsin	
Vehicle/Station/Incident	**NFPA 1710**	**MABAS-Wis**	**Manitowoc Staffing**
Station One			**6**
Squad One	2-3	2-3	2
Engine One	4	4	1
Ladder One	4-5	3	2
Squad Nine	2-3	2-3	1
Station Two			**3**
Squad Two	2-3	2-3	1.5
Engine Two	4	4	1.5
Station Three			**3**
Squad Three	2-3	2-3	1.5
Engine Three	4	4	1.5
Station Four			**3**
Squad Four	2-3	2-3	1.5
Engine Four	4	4	1.5
Command Post	2	2	0
House Fire	18		12
Industrial Fire	30	27	15

NFPA 1710 Fire Ground Assignments	
Incident Commander	1
Safety/Accountability	1
Search and Rescue	2
Attack	3
Back Up	3
RIT	2
Vent	2
Water Supply	1
Pump operator	1
EMS/Rehab	2
Total	18

LaCrosse Study CHART 2

	Geographical information				Personnel							
	square miles	2010 population estimate	# fire station	square miles per station	total personnel	per capita staffing	day personnel	shift personnel	# of FFs that respond to a fire	# of calls FIRE	# of calls EMS	# of calls total
North Shore	25	68000	5	5	105	1.54	8	105	21	1827	4343	6170
Oshkosh	24.4	66083	6	4.07	103	1.56	7	96	17	752	7222	7977
Green Bay	46	104000	7	6.57	186	1.79	13	172	14	2584	7182	9766
West Allis	14.1	60411	3	4.7	109	1.8	8	99	19	172	6456	7218
Manitowoc	22	34620	4	5.5	57	1.65	3	54	12	502	4440	4942
Manitowoc Co.	100	49000	4	25	57	1.16	3	54	12	502	4440	4942
Manitowoc 2012	22	34620	4	5.5	54	1.55	3	54	12	502	4440	4942
Brookfield	27.2	37920	3	9.07	57	1.5	5	55	16	1108	2092	3200
Fond du Lac	18.2	43021	3	6.07	67	1.56	7	60	17	2605	4172	6777
Sheboygan	14.1	49288	5	2.82	78	1.58	8	69	16	917	2758	3675
Wausau	17.8	39106	3	5.93	59	1.51	5	54	12	1333	4161	5494

Manitowoc Info:

1. Square miles- We cover 100 square miles with our EMS and 22 square miles with our fire
2. Population-The city population is 35000 (Fire and EMS Coverage) and we serve an additional 15000 in the county (EMS only coverage)

Donations/Grants

The Manitowoc Fire Department relies on donations from local businesses to promote our Fire Education Program. One hundred percent of the money collected goes into our education fund to purchase educational materials. The Fire Department will visit every kindergarten, 1st grade, and 5th grade classrooms every year, promoting fire education and the "Learn Not to Burn" Campaign. Our department also takes community requests for all other forms of public education from fire extinguisher training to career fairs and education of the elderly.

The Manitowoc Jaycees donated $2,000 toward station renovations and to purchase a new 4 gas meter for Ladder One.

The Fire Department was also awarded a DNR grant for wild land firefighting equipment. The department was able to purchase: wild land fire equipment, wild land fire helmets, and wild land coveralls. The grant also helped with the Federal Communications Commission's requirement to move to Narrowband Fire Department radios.

Manitowoc Fire Department

TRAINING DIVISION

MISSION STATEMENT

It is the mission of the Training Division to plan, direct and administer quality, comprehensive training so that all Manitowoc Firefighters possess the necessary knowledge, skills and abilities to carry out the Department's mission.

"Training today, to Serve tomorrow……."

The Manitowoc Fire Department is committed to a well-trained professional organization by providing a comprehensive training program through both in-house training sessions and sponsorships to outside training opportunities. The Manitowoc Fire Department believes that a highly trained workforce increases performance and productivity, enhances teamwork, promotes a safe workplace environment, and is the foundation for our commitment in providing the best and most efficient service to the community.

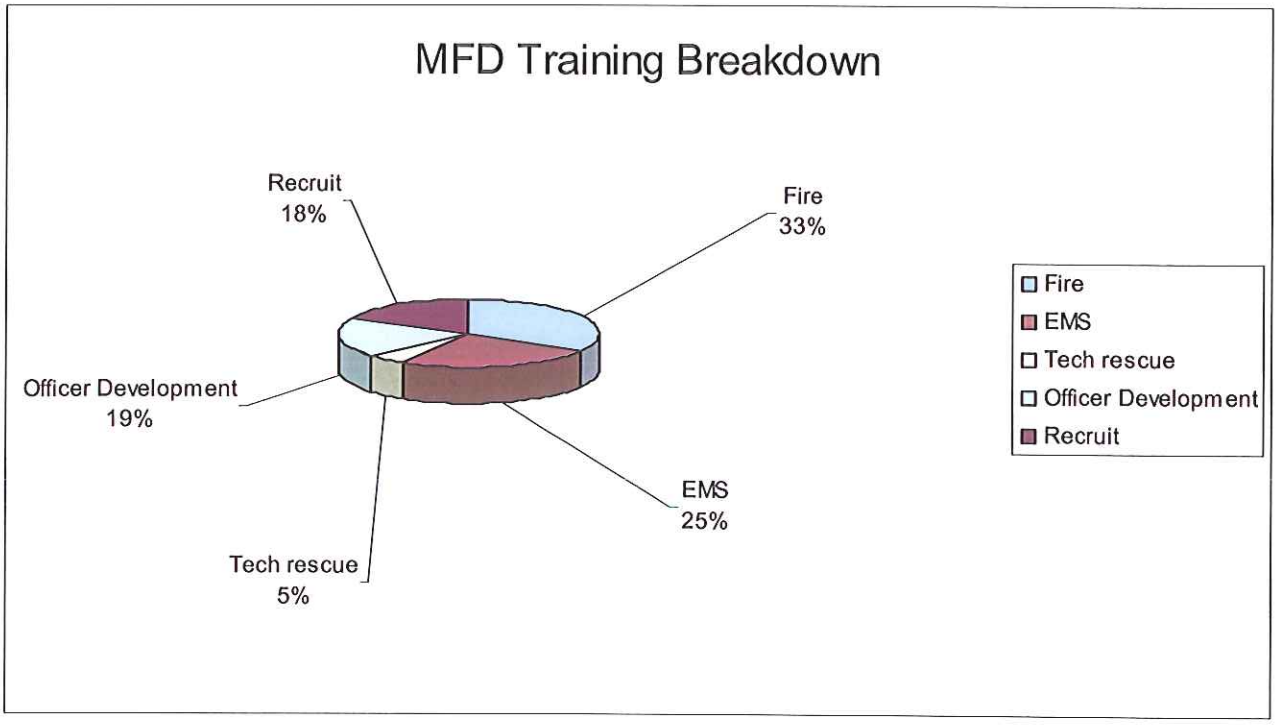
To function most effectively, the Operations Division must maintain the highest level of proficiency in accordance with standards and criteria established at the federal, state and local level. The Training Division has the responsibility to monitor these changing requirements, and implement training activities to ensure the department is well prepared. The development of training programs occurs through the research of new and innovative training practices, and review of departmental curriculum.

The Training Division is a very important component of department operations. Properly trained, a fire department can control and contain almost any situation with minimal damage and loss of life. Training in fire tactics is important; however, a firefighter must be trained in many other areas in order to control the situations that are encountered in day-to-day operations. For example, constantly being updated in medical procedures, hazardous materials response and bio terrorism, the list goes on and on. We make every effort to train to meet the needs of the community as the all hazard service.

Respectfully Submitted:

Todd Blaser, Deputy Fire Chief

"Training today, to Serve tomorrow....."



"Training today, to Serve tomorrow……."

Training Analysis by Category

Class Date Between {01/01/2011} And {12/31/2011}

Category	Classes	Pct of Classes	Attendees	Pct of Attendees	Hours	Pct of Hours
ADMIN Administrative training	8	0.34%	42	0.44%	147.25	1.02%
AERIAL Aerial Operations	6	0.26%	6	0.06%	24.00	0.16%
AP01 MPO Training	15	0.65%	104	1.10%	506.50	3.53%
AP02 Driver Training	4	0.17%	13	0.13%	11.25	0.07%
APP / OPS Apparatus Operations	22	0.96%	51	0.54%	260.66	1.82%
APPEQUIP Apparatus Equipment	1	0.04%	11	0.11%	16.50	0.11%
BA01 SCBA Inspection, Care, and Cleaning	6	0.26%	23	0.24%	19.39	0.13%
BA60 SCBA Donning Methods	8	0.34%	20	0.21%	11.24	0.07%
BA80 SCBA Testing and Filling Procedures	7	0.30%	48	0.51%	30.72	0.21%
BC01 General Building Construction	2	0.08%	9	0.09%	2.49	0.01%
BC20 Building Construction and Fire Behavior	1	0.04%	4	0.04%	14.00	0.09%
BOAT Boat Training	1	0.04%	3	0.03%	3.99	0.02%
BOAT 2041 Angler	6	0.26%	24	0.25%	22.27	0.15%
BOAT 1 Boat 1 Training	14	0.61%	43	0.45%	48.50	0.33%
BRT CLASS Recruit Training	27	1.17%	124	1.31%	2,498.00	17.44%
CAP Capnography	6	0.26%	24	0.25%	27.75	0.19%
CCP Critical Care Paramedic training	53	2.31%	142	1.50%	154.00	1.07%
CCP BALLOON Critical Care Balloon Pump Training	7	0.30%	17	0.18%	25.00	0.17%
CCP FLIGHT CCP Flight Physio	6	0.26%	19	0.20%	17.74	0.12%
CCP MED REV Critical Care Paramedic Drug Review	31	1.35%	99	1.05%	79.64	0.55%
CCP TRNG Critical Care Paramedic training	70	3.05%	227	2.41%	333.23	2.32%
CHF EXP Chief's Expectations	3	0.13%	39	0.41%	67.00	0.46%
CHIEF Chiefs Educational Conf.	3	0.13%	9	0.09%	63.00	0.44%
CITY POLICY Mandatory City Inservice Meeting	2	0.08%	30	0.31%	30.00	0.20%
CO CO Silent Killer	1	0.04%	3	0.03%	0.75	0.00%
COMPRESSOR New air compressor training	6	0.26%	32	0.34%	22.00	0.15%
CONF SPC Confined Space	7	0.30%	24	0.25%	15.92	0.11%
CPHAZ Command Post Training	1	0.04%	4	0.04%	2.00	0.01%
CPR CPR REFRESHER	6	0.26%	32	0.34%	50.25	0.35%
CTY EMS Manitowoc County EMS Meeting	2	0.08%	3	0.03%	6.00	0.04%
CVMIC Cities & Village Muni. Insurance	2	0.08%	5	0.05%	27.82	0.19%
EAT EMS Administration Training	1	0.04%	10	0.10%	10.00	0.06%
EINV Engine inventory	3	0.13%	10	0.10%	15.45	0.10%
EKGPRACT EKG Practice Strips	2	0.08%	6	0.06%	6.00	0.04%
EM20 CPR Recertification	9	0.39%	37	0.39%	70.25	0.49%

Training Analysis by Category

Class Date Between {01/01/2011} And {12/31/2011}

Category	Classes	Pct of Classes	Attendees	Pct of Attendees	Hours	Pct of Hours
EMS FOOTBALL Athletic Trainer Updates	5	0.21%	59	0.62%	60.75	0.42%
EMS LIAISON County EMS Liaison	1	0.04%	1	0.01%	4.00	0.02%
EMS REVIEW EMS case review and training	4	0.17%	28	0.29%	28.75	0.20%
EMS TRENDS EMS Trendsetters	1	0.04%	22	0.23%	11.00	0.07%
EMSPRO EMS Protocols	5	0.21%	17	0.18%	7.51	0.05%
EMTG General EMS Training-Other	66	2.88%	302	3.20%	601.57	4.20%
EMTPR Paramedic Refresher	2	0.08%	13	0.13%	83.00	0.57%
EMTR EMT Refresher	3	0.13%	21	0.22%	189.00	1.31%
ENG Engine	3	0.13%	18	0.19%	32.00	0.22%
FA30 Communications Equipment	1	0.04%	5	0.05%	5.00	0.03%
FAO21 Apparatus Operations	8	0.34%	24	0.25%	36.25	0.25%
FC01 Fire Control, General	1	0.04%	2	0.02%	0.00	0.00%
FC10 Fire Behavior	1	0.04%	3	0.03%	0.75	0.00%
FC40 Strategic and Tactical Operations	7	0.30%	61	0.64%	38.75	0.27%
FC45 Fire Critique	4	0.17%	35	0.37%	45.99	0.32%
FC90 Incident Command System	1	0.04%	6	0.06%	9.00	0.06%
FC95 Fire Scene Management	1	0.04%	5	0.05%	5.00	0.03%
FE Forcible Entry	1	0.04%	7	0.07%	12.25	0.08%
FF2SE Firefighter 2 Skills Exam	1	0.04%	1	0.01%	6.75	0.04%
FFISE Fire Fighter I Skills Exam	3	0.13%	3	0.03%	103.00	0.71%
FI70 Fire Protection Systems	1	0.04%	4	0.04%	3.00	0.02%
FI72 Sprinkler Systems	1	0.04%	12	0.12%	24.00	0.16%
FILIVE Live Fire training	2	0.08%	25	0.26%	85.00	0.59%
FIO1 fire instructor	6	0.26%	8	0.08%	51.00	0.35%
FIRE.COM Firehouse.com	1	0.04%	1	0.01%	1.50	0.01%
FIREENG Fire Engineering	4	0.17%	8	0.08%	3.75	0.02%
FIREINSP Inspection Training	11	0.48%	106	1.12%	152.50	1.06%
FIREOFF Fire officer/Capt. meetings	33	1.44%	196	2.08%	487.91	3.40%
FIRPREV FIRE PREVENTION	4	0.17%	21	0.22%	35.75	0.24%
FMLA fmla review	1	0.04%	16	0.17%	16.00	0.11%
FOAM1 Foam Training	3	0.13%	12	0.12%	17.00	0.11%
FOCERT 1 Fire Officer Certification I	16	0.69%	169	1.79%	897.00	6.26%
FOP Fire Officer Preceptorship	1	0.04%	1	0.01%	5.50	0.03%
FS01 Fire Streams Theory	3	0.13%	11	0.11%	5.25	0.03%
FU01 Fundamentals of Fire Suppression	3	0.13%	13	0.13%	31.00	0.21%
FV01 General Fire Investigation	1	0.04%	5	0.05%	5.00	0.03%
FVTCCI Cadet Interns	15	0.65%	72	0.76%	52.00	0.36%
GAS/ELEC. Gasline and Electric Line Safety	3	0.13%	46	0.48%	97.31	0.67%
GRL01 Ground Ladders	10	0.43%	42	0.44%	45.00	0.31%
GRNTWRIT Grant Writing Seminar	1	0.04%	1	0.01%	2.50	0.01%

Training Analysis by Category

Class Date Between {01/01/2011} And {12/31/2011}

Category	Classes	Pct of Classes	Attendees	Pct of Attendees	Hours	Pct of Hours
HAZ Hazmat training	4	0.17%	28	0.29%	91.50	0.63%
HONOR Honor Guard Training	2	0.08%	7	0.07%	5.00	0.03%
HOSE Hose	2	0.08%	10	0.10%	22.48	0.15%
HRA HEALTH RISK ASSESSEMENT	24	1.04%	78	0.82%	65.00	0.45%
HZ01 Hazardous Materials Overview	1	0.04%	5	0.05%	38.75	0.27%
HZ02 Hazmat Awareness and Operations	1	0.04%	5	0.05%	25.00	0.17%
ICE Ice Rescue	6	0.26%	45	0.47%	18.78	0.13%
ICS400 ICS 400	2	0.08%	10	0.10%	60.00	0.41%
IH01 Monthly Drill	1	0.04%	3	0.03%	1.50	0.01%
IHT02 "Tabletop" training	4	0.17%	14	0.14%	161.25	1.12%
IHT04 Incident Command	2	0.08%	2	0.02%	0.00	0.00%
IHTO3 Firehouse Entry	1	0.04%	2	0.02%	1.00	0.00%
IMT Incident Management Team	9	0.39%	13	0.13%	468.34	3.27%
INSP Inspectors Seminar	3	0.13%	3	0.03%	20.00	0.13%
JAWS Jaws Rescue	2	0.08%	4	0.04%	4.50	0.03%
JDC STEERING JDC Peer Review of EMS Priority Dispatch	1	0.04%	2	0.02%	3.00	0.02%
JPR REVIEW Job Performance Review	3	0.13%	9	0.09%	3.75	0.02%
JS Job Shadow	5	0.21%	7	0.07%	12.50	0.08%
LAD Ladder training	6	0.26%	24	0.25%	24.75	0.17%
LAD 1 Ladder 1	13	0.56%	46	0.48%	61.68	0.43%
LIA Liasion Meeting	12	0.52%	12	0.12%	15.50	0.10%
LIFE Lifequest Documentation Training	5	0.21%	37	0.39%	114.50	0.79%
LPGAS LP Gas	1	0.04%	3	0.03%	0.00	0.00%
LTC Fire School Instruction	1	0.04%	1	0.01%	5.50	0.03%
LTC-EMS EMS Instruction	2	0.08%	6	0.06%	12.50	0.08%
MABAS MTWC MABAS DIV. 128	3	0.13%	28	0.29%	36.50	0.25%
MCC Mask Confidence Course	11	0.48%	69	0.73%	128.72	0.89%
MEDIC MONDAY Protocol, drug & skill review	137	5.97%	498	5.29%	490.06	3.42%
MISC Education Readings	30	1.30%	91	0.96%	47.74	0.33%
MIST TENT mist tent set up	1	0.04%	6	0.06%	4.50	0.03%
MONTHLY TOOL Monthly Review of Tools	1	0.04%	3	0.03%	0.99	0.00%
MPOTST MPO TESTING REVIEW	10	0.43%	29	0.30%	36.75	0.25%
MPU TOUR MPU water dept tour	1	0.04%	1	0.01%	2.25	0.01%
MPU WATER MPU water dept trng lecture at CP	5	0.21%	66	0.70%	119.75	0.83%
MT Mayor Training	1	0.04%	7	0.07%	21.00	0.14%
MTWC EMS Manitowoc County EMS	4	0.17%	6	0.06%	16.50	0.11%
MTWC FF Manitowoc FF Association	2	0.08%	5	0.05%	11.50	0.08%
NEW E1 New Engine 1	2	0.08%	9	0.09%	12.00	0.08%

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Training Analysis by Category

Class Date Between {01/01/2011} And {12/31/2011}

Category	Classes	Pct of Classes	Attendees	Pct of Attendees	Hours	Pct of Hours
NEW SQUAD Squad In-Service for new squad	4	0.17%	39	0.41%	71.01	0.49%
NFPA 1410 Engine Drills	1	0.04%	4	0.04%	3.00	0.02%
NIMS National Incident Management System	4	0.17%	12	0.12%	102.00	0.71%
NUKE Nuclear Drill	1	0.04%	1	0.01%	5.00	0.03%
NUTRITION Nutrition Review (Healthy Living)	1	0.04%	14	0.14%	10.50	0.07%
OFF DEVELOP Officer Development	11	0.48%	70	0.74%	99.25	0.69%
PALS PALS Refresher	12	0.52%	53	0.56%	177.32	1.23%
POWER Power Tool Review	2	0.08%	6	0.06%	4.50	0.03%
PREPLAN Preplans & QAP	3	0.13%	12	0.12%	28.75	0.20%
PROBIE TRNG Trng with new probational firefighters	16	0.69%	73	0.77%	233.60	1.63%
PROMO Promotional Exam Training	23	1.00%	61	0.64%	165.08	1.15%
PSOW Paramedic Seminar	4	0.17%	4	0.04%	26.00	0.18%
QTR STANDARD Quarterly Company Standards	6	0.26%	31	0.32%	56.50	0.39%
QUICK DRILL MFD QUICK DRILLS	7	0.30%	31	0.32%	8.15	0.05%
REPORTS reports	3	0.13%	16	0.17%	35.50	0.24%
RES EQUIP Rescue tools and equipment	2	0.08%	20	0.21%	44.00	0.30%
ROPES Rope Rescue	6	0.26%	25	0.26%	60.25	0.42%
S / R Search / Rescue	5	0.21%	26	0.27%	195.00	1.36%
SOG REVIEW SOG Review	26	1.13%	123	1.30%	51.28	0.35%
SOP SOP Review	43	1.87%	202	2.14%	120.78	0.84%
SQD Squad	3	0.13%	12	0.12%	5.00	0.03%
SRT Station required training	25	1.09%	124	1.31%	84.22	0.58%
STREET Street school / Driver training	12	0.52%	43	0.45%	29.01	0.20%
STREETS Street School	68	2.96%	236	2.50%	203.45	1.42%
SYO Saving Your Own / R.I.T.	6	0.26%	45	0.47%	102.00	0.71%
TIC Thermal Imaging Cameras	1	0.04%	3	0.03%	0.75	0.00%
TRAUMA Trauma Review	16	0.69%	56	0.59%	33.00	0.23%
TRIAGE Triage Tags	2	0.08%	6	0.06%	0.00	0.00%
TRNCH Trench Rescue	14	0.61%	147	1.56%	301.50	2.10%
VENT Ventilation Practices and Techniques	2	0.08%	5	0.05%	4.33	0.03%
WATER Water Rescue	1	0.04%	4	0.04%	6.00	0.04%
WD Weekly Drill	220	9.60%	877	9.31%	591.74	4.13%
WFO Wildland Fire Operations	1	0.04%	3	0.03%	1.50	0.01%
WOTD Word of the Day	826	36.05%	3120	33.15%	1,349.63	9.42%
ZOD Zodiac	5	0.21%	13	0.13%	5.50	0.03%
Totals	**2291**		**9410**		**14,318.9**	

Manitowoc Fire Department

EMS Division

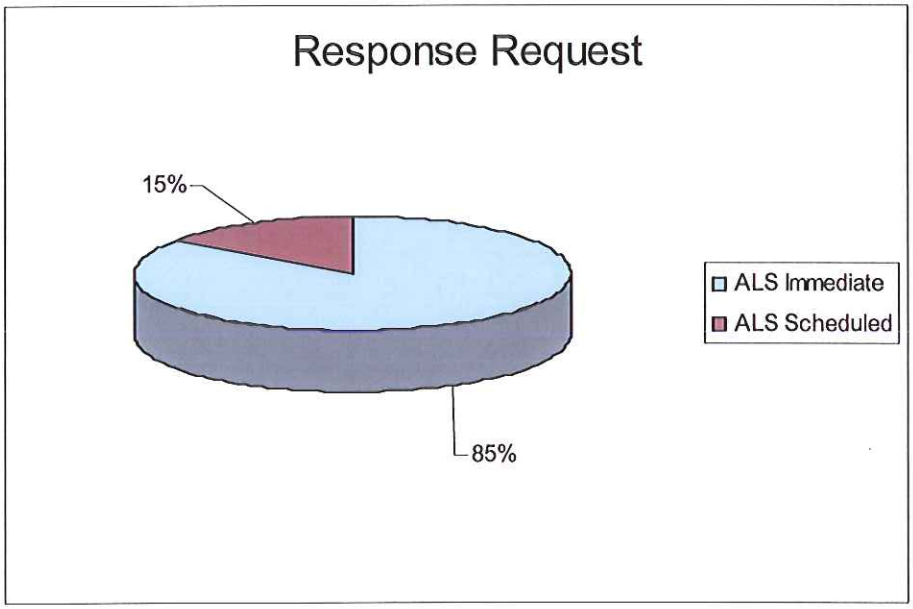
The EMS Division is responsible for the coordination and operational readiness of the department's Emergency Medical Services (EMS). The EMS system is designed to meet the out-of-hospital emergency medical care needs of the citizens and visitors of Manitowoc in a timely and efficient manner. Manitowoc's EMS providers respond to all medical calls, motor vehicle accidents, and any medical needs that may arise. Activities performed by this division include implementing and monitoring pre-hospital care, continuous quality improvement programs, maintaining Emergency Medical Technician (EMT) and Paramedic state licensing training and records, as well as updating and clarifying EMS policies and procedures. The EMS Division coordinates and completes state mandated training and provides recommendations and technical support for departmental EMS and fire related training. The Manitowoc Fire Department employs 9 EMT Basics and 48 Paramedics; which 41 are trained to the level of Critical care Paramedic.

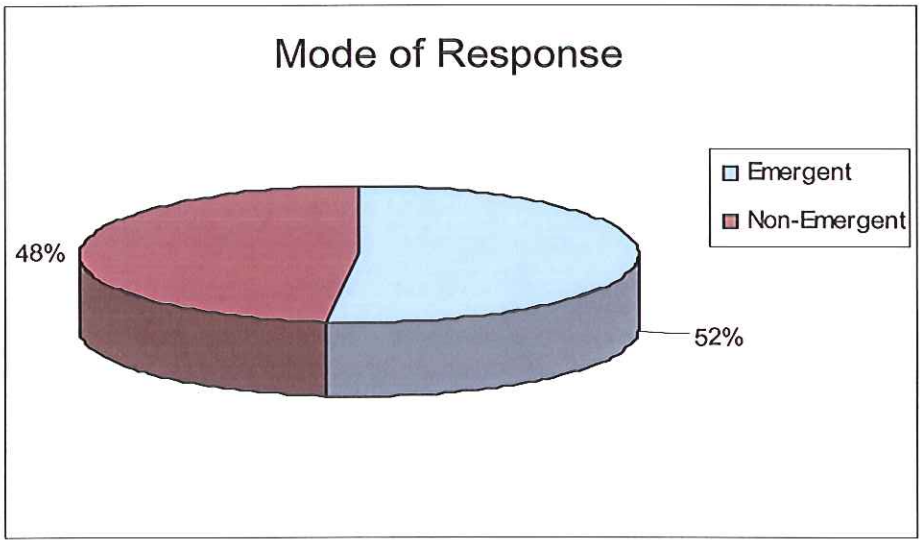
The personnel who provide the Emergency Medical Services (EMS) in Manitowoc are the same personnel who fight fires, perform vehicle extrication, technical rescue, handle hazardous materials, and provide fire prevention/education. Every member of the department is qualified to provide the services mentioned above. The members of the Manitowoc Fire Department have shown that they have the highest regard for all patient care. Nearly every week the Fire Department receives a thank you or letter of appreciation from a patient. The members of the department represent some of the best trained personnel equipped with the latest equipment and supplies. However, the training and equipment are not what makes the members of the Manitowoc Fire Department great at what they do. The members of the Manitowoc Fire Department approach every call as though the patient is a family member. Along with performing their skills efficiently and professionally, Manitowoc Fire Department members go out of their way to do the little things for the patients like ensuring their belongings are cared for, their pets are safe, and their homes are secure.

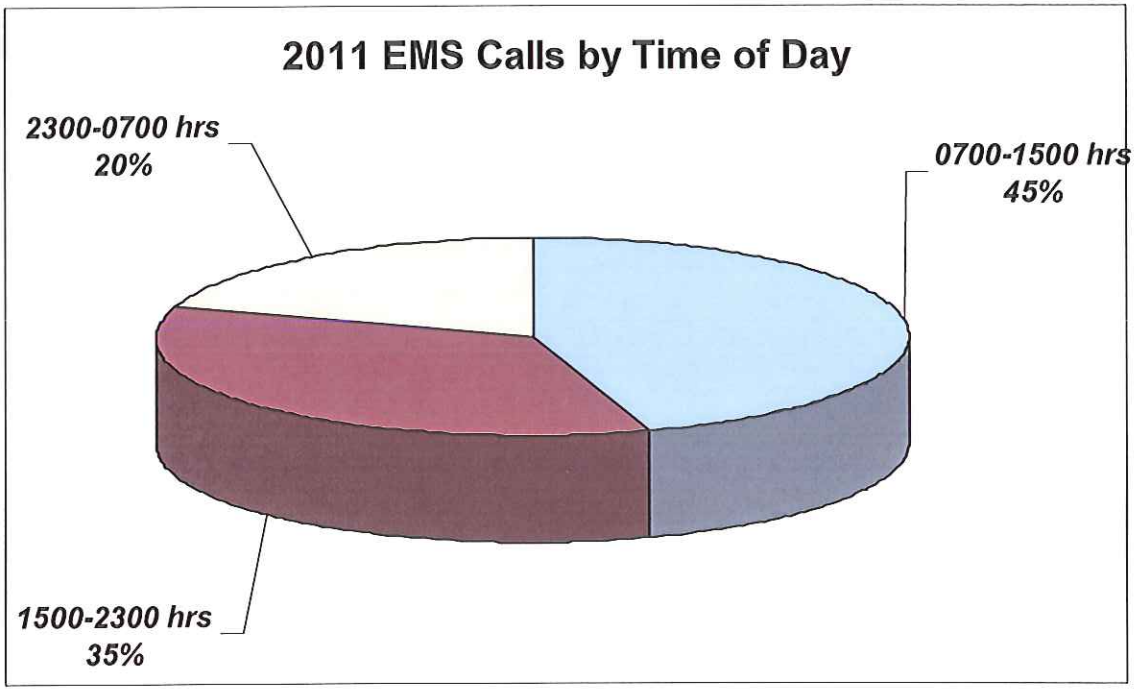
Respectfully Submitted:

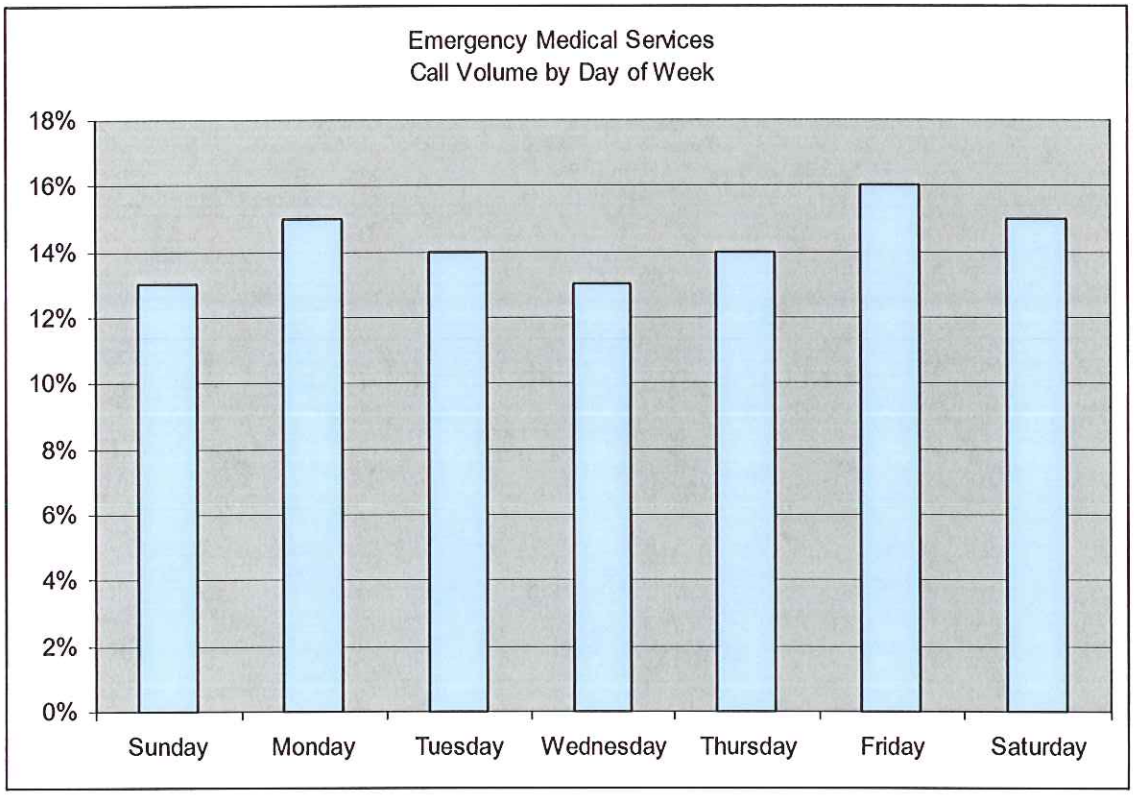
Todd Blaser, Deputy Fire Chief

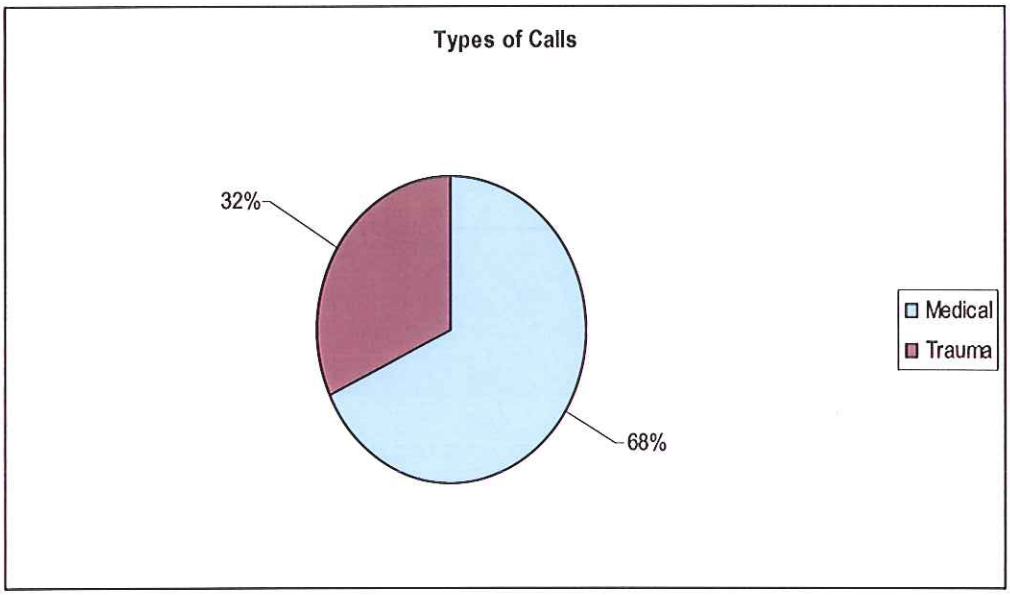
Manitowoc Fire Department
2011 EMS Division Statistic's

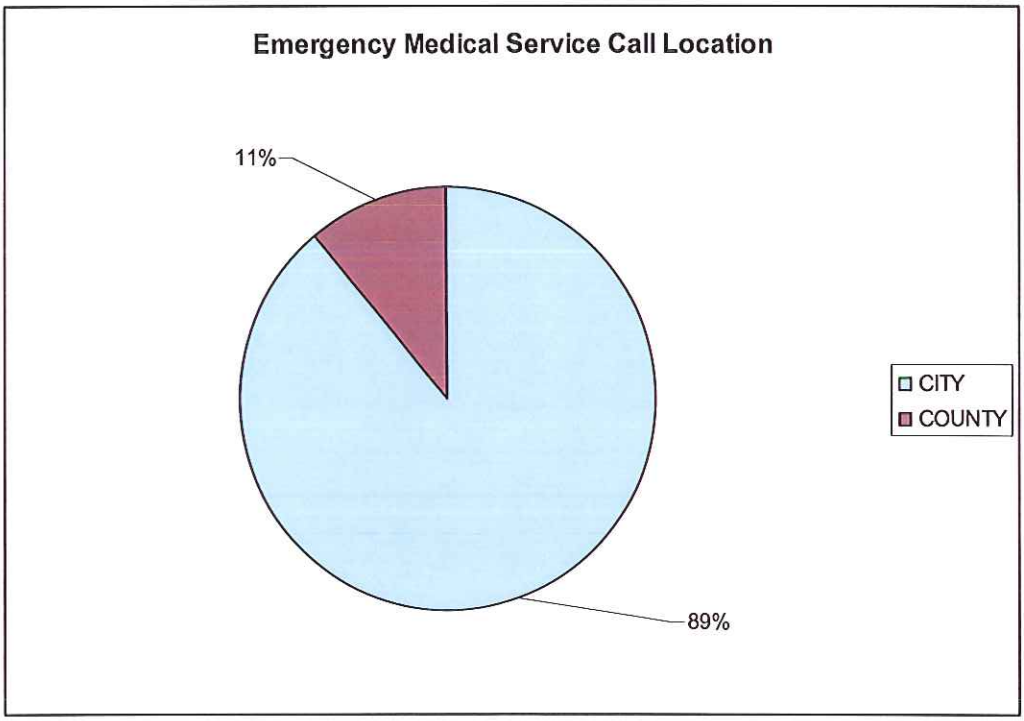


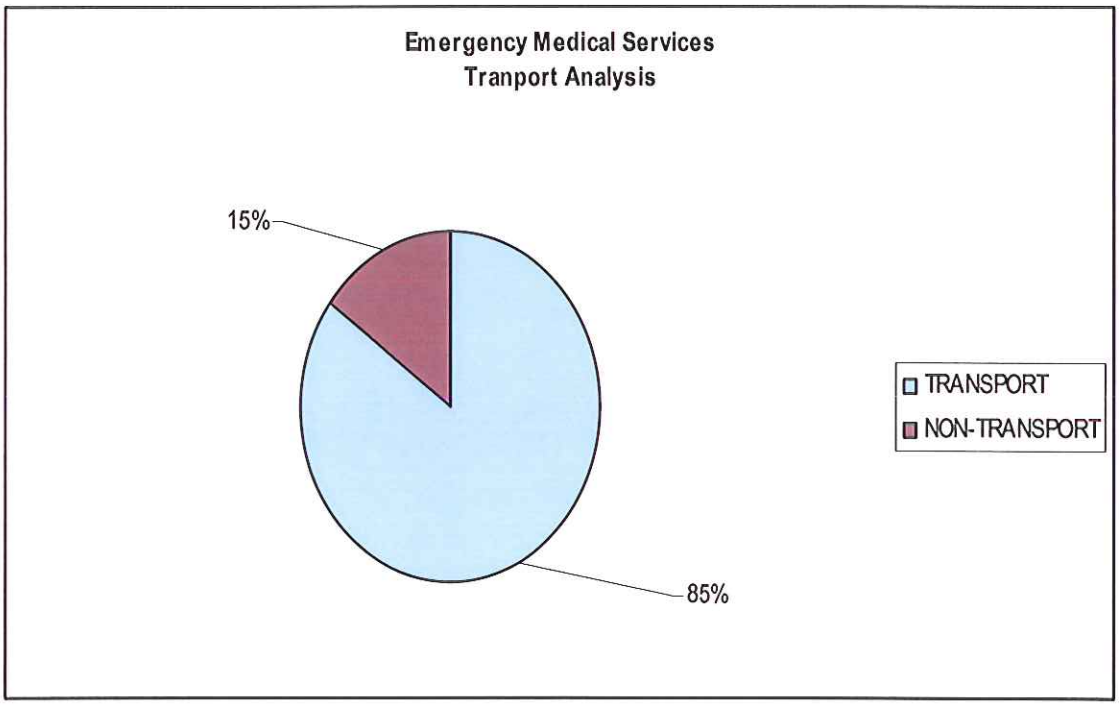



2011 EMS Calls by Time of Day
2300-0700 hrs
20%
0700-1500 hrs
45%
1500-2300 hrs
35%

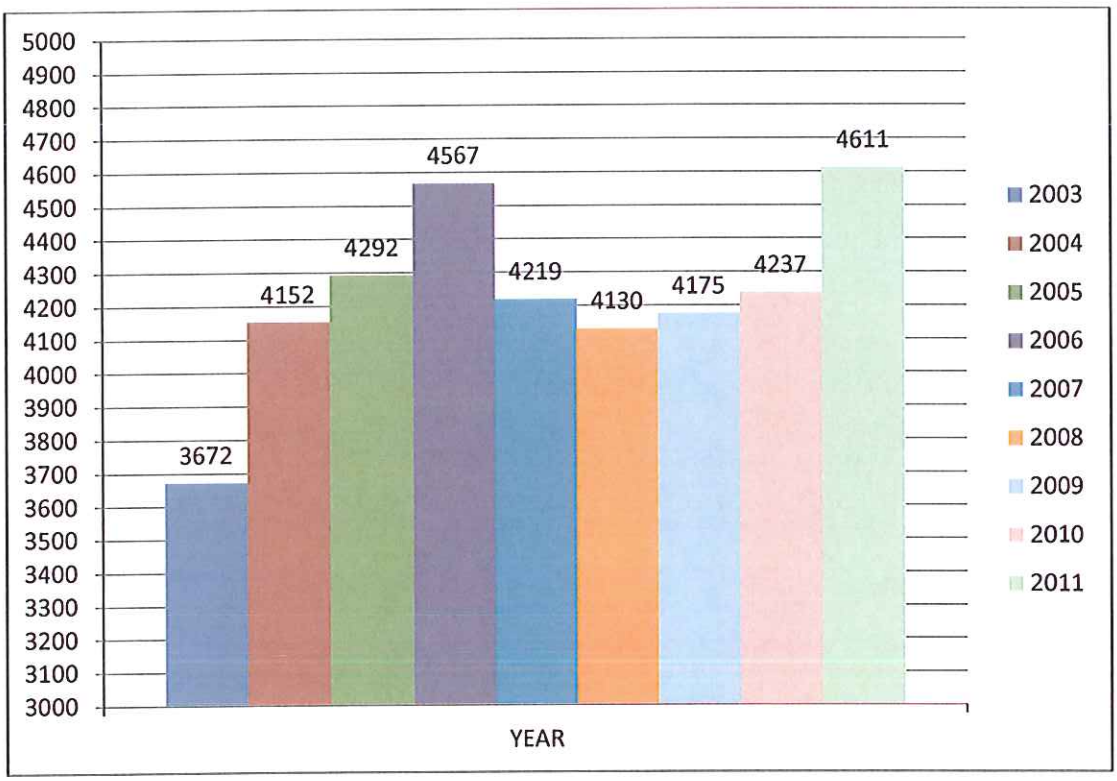

Emergency Medical Services
Call Volume by Day of Week
18%
16%
14%
12%
10%
8%
6%
4%
2%
0%
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday


Types of Calls
32%
68%
Medical
Trauma

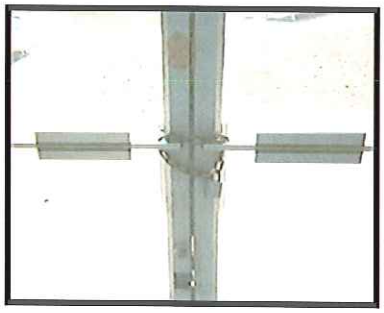

Emergency Medical Service Call Location
11%
89%
CITY
COUNTY


Emergency Medical Services
Tranport Analysis
15%
85%
TRANSPORT
NON-TRANSPORT

Number of EMS calls MFD responded to by Year



MANITOWOC FIRE DEPARTMENT
DEPARTMENT OF OPERATIONS AND FIRE PREVENTION



CITY OF MANITOWOC

OFFICE OF FIRE DEPARTMENT

It is with great pride that I present the 2011 Annual Report for the Manitowoc Fire Departments Bureau of Fire Prevention. The Bureau is made up of Public Education, Code Enforcement, and Fire Investigation.

We started the year on an exciting note as Manitowoc was visited by the President of the United States. President Obama visited on January 26th and his visit involved many of the City's departments. A week before his visit we were busy with the dozens of Secret Service Agents that flooded our city. The Fire Department was asked to provide Incident Command for all life safety and fire safety issues at the three businesses the President visited. One of our paramedic ambulances staffed with three paramedics was part of the motorcade with the responsibility of providing medical care to the President if it was needed. We worked closely with the Secret Service in days before the visit and they commended us for ease in which to work with and the professionalism of our Command Staff. It was an experience we all enjoyed and will remember for a lifetime.

2011 has been challenging as we are being asked to do more with less. Our members have been very busy besides the EMS and fire calls they respond to. The inspections are revealing more violations and require the inspectors to spend more time with the owners of the business to help them comply with state and local codes. This requires us to do re-inspections of those buildings and in 2011 we had to re-inspect 500 buildings. More and more buildings are sitting empty and we work with the owners to keep them up to code so they can be re-occupied and not fall into disrepair. With economic conditions as they are we expect to see an increase in violations and inspection issues in 2012. Through thorough inspections and educating business owners we hope to reverse this trend in 2012 and in years to come. We will continue to work closely with the Building Inspection Department and report any structural issues that we may find during a fire inspection.

Our fire prevention programs continue to be very popular and our open house gets bigger and better each year. We continue to get into every kindergarten, first grade, and fourth grade in the City. We also will give tours and public education programs to any group that is interested including hands-on fire extinguisher training. As our community gets older by age and infrastructure we need to keep educating the public to be fire safe. A disturbing trend which we are working on is the number of smoke detectors that are not working when we go to a fire or EMS call. With corporate sponsors like Lowe's and Energizer Batteries we have been aggressive in installing detectors and batteries to make sure everyone has a working smoke detector.

We also give presentations to senior groups about fire safety and falls. Our community is getting older and more and more people are living at home. We need to educate the seniors about fire safety, falls and protecting themselves as they choose to care for themselves instead of living in an assisted living facility.

The investigation bureau has been busy in 2011. We have had 33 structure fires in the City and 25 of them required an investigator to help determine the cause and origin of the fire which state law requires us to do. We also have had numerous vehicle, dumpster and grass fires that also require a fire investigator. We still continue to deal with incendiary (arson) fires and currently have 14 intentional fires that have not been solved. We have been able to successfully prosecute some people for intentionally set fires and are hoping to convict a suspect of a 2011 house fire this spring.

The types of call we respond to are of a vast variety. We continue to train in areas of ice rescue, water rescue, confined space rescue, high angle rescue and trench rescue. We also continually train in the areas of fire suppression and emergency medical services. We continue to suffer over a million dollars in fire loss but have been fortunate enough to report that there are not any civilian or firefighter deaths in 2011.

Unfortunately as budgets and the size of the work force gets smaller, the request for service actually increases. The members of the Manitowoc Fire Department are very proud of the service they provide to the City of Manitowoc and the surrounding communities. In tradition of the fire service and our mission statement we will continue to protect the lives and property of our citizens and those who visit our community.

Respectfully Submitted,

Deputy Chief Gregg P. Kadow
Chief of Operations and Fire Prevention

Manitowoc Fire Department
Bureau of Code Enforcement

The Manitowoc Fire Department is responsible to inspect all public buildings on an annual basis. This includes residences that have 3 or more living units in them. Currently we inspect approximately 1,611 buildings. This is for the initial inspection and does not include re-inspections.

We receive our authority from the Wisconsin Department of Safety and Professional Services, formerly the Department of Commerce. Chapter SPS 314 – Fire Prevention is the governing document. This chapter adopts National Fire Protection Association 1 – Fire Code (NFPA 1). We also enforce local codes that can be found in Chapter 6, Fire Prevention, of the Municipal Code of the City of Manitowoc. Wisconsin State Statute 101.14(2)b states, "The chief of every fire department shall provide for the inspection of every public building and place of employment to determine and cause to be eliminated any fire hazard or any violation of any law relating to fire hazards or to the prevention of fires." State Statute 101.02(15) goes on to say that, "No employer or owner may refuse to admit the secretary or any deputy of the department to his or her place of employment or public building".

2011 has noticed a rise in violations. Our inspectors documented 1,590 violations. Many of them are considered minor but we have had an increase in more severe violations such as fire protection systems being shut off or shut down. We have found that this is occurring because businesses owners are trying to save money by not having to pay for upkeep and testing on the systems. We work very hard with the business owner to educate and explain the importance of keeping those systems operating properly. With the increase in violations comes the increase in re-inspections which increases the demand on our time. We have had to go back to 500 buildings in 2011 to make sure that the violations have been corrected. As we struggle in today's economy we will continue to expect to find more violations and we will work with the businesses to make sure they are compliant with State Code while being aware of the financial costs that go along with it. When violations are found we do not just write them up and move on. We work with the business to help them correct the violations and give them an adequate timeline if the violation requires a large investment of time and money. Our goal is not to issue violations or citations but to make sure all businesses are safe for the workers and customers that visit on a daily basis.

The amount of child care and adult care facilities that need fire inspections is also on the rise. Starting last year the State changed their policy and no longer inspects these facilities that have less than eight residents. These facilities have asked us to inspect them so they can keep their license. Deputy Chief Kadow has been inspecting these at no charge to the facility even though we are not required to do these types of inspections. In fact, the Code that we must follow states that those facilities are exempt from our inspections. Because other agencies of the State require it, we will continue to do these inspections to ensure they are following life safety and fire codes to provide a safe place to stay.

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Inspections By Occupancy Property Use

Date Completed Between {01/01/2011} And {12/31/2011}

Property Use		Number of Inspections
000-099 Property use, Other		
000	Property Use, Other	12
		12
100-199 Assembly		
100	Assembly, Other	10
111	Bowling establishment	3
114	Ice rink: indoor, outdoor	2
130	Places of worship, funeral parlors, other	2
131	Church, mosque, synagogue, temple, chapel	38
134	Funeral parlor	4
140	Clubs, Other	8
141	Athletic/health club	5
150	Public or government, Other	5
151	Library	1
152	Museum	3
160	Eating, drinking places, other	10
161	Restaurant or cafeteria	7
162	Bar or nightclub	11
180	Studio/theater, Other	2
182	Auditorium, concert hall	3
183	Movie theater	3
		117
200-299 Educational		
200	Educational, Other	4
210	Schools, non-adult, other	3
211	Preschool	3
213	Elementary school, including kindergarten	4
2131	Elementary school - No kindergarten	8
215	High school/junior high school/middle	5
241	Adult education center, college classroom	2
254	Day care, in commercial property	5
		34
300-399 Health Care, Detention & Correction		
300	Health care, detention, & correction,	2
311	24-hour care Nursing homes, 4 or more	15
321	Mental retardation/development disability	2
322	Alcohol or substance abuse recovery center	1
331	Hospital - medical or psychiatric	4
340	Clinics, doctors offices, hemodialysis	32
340R	Physical Therapy/Rehab Facility	5
341	Clinic, clinic-type infirmary	4

Inspections By Occupancy Property Use

Date Completed Between {01/01/2011} And {12/31/2011}

Property Use		Number of Inspections
342	Doctor, dentist or oral surgeon office	17
361	Jail, prison (not juvenile)	2
		84
400-499 Residential		
400	Residential, Other	6
419	1 or 2 family dwelling	3
429	Multifamily dwelling	280
439	Boarding/rooming house, residential hotels	2
449	Hotel/motel, commercial	10
459	Residential board and care	14
460	Dormitory-type residence, other	2
464	Barracks, dormitory	1
		318
500-599 Mercantile, Business		
500	Mercantile, business, Other	130
5001	Tavern < 50 occupant load	21
511	Convenience store	7
519	Food and beverage sales, grocery store	23
5191	Restaurant	65
529	Textile, wearing apparel sales	19
539	Household goods, sales, repairs	17
549	Specialty shop	97
557	Personal service, including barber &	36
559	Recreational, hobby, home repair sales,	13
564	Laundry, dry cleaning	4
569	Professional supplies, services	62
571	Service station, gas station	13
5711	Gas station and convenience store	5
579	Motor vehicle or boat sales, services,	49
580	General retail, Other	48
581	Department or discount store	9
592	Bank	23
593	Office: veterinary or research	2
596	Post office or mailing firms	1
599	Business office	125
		769
600-699 Industrial, Utility, Defense, Agriculture, Mining		
600	Ind., utility, defense, agriculture,	4
631	Defense, military installation	1
639	Communications center	1
640	Utility or Distribution system, Other	1

Inspections By Occupancy Property Use

Date Completed Between {01/01/2011} And {12/31/2011}

Property Use		Number of Inspections
644	Gas distribution, gas pipeline	1
647	Water utility	3
648	Sanitation utility	1
655	Crops or orchard	1
		13
700-799 Manufacturing, Processing		
700	Manufacturing, processing	101
		101
800-899 Storage		
800	Storage, Other	26
807	Outside material storage area	2
808	Outbuilding or shed	6
839	Refrigerated storage	2
880	Vehicle storage, Other	4
888	Fire station	5
891	Warehouse	24
898	Dock, marina, pier, wharf	1
899	Residential or self-storage units	2
		72
900-999 Outside or Special Property		
900	Outside or special property, Other	4
926	Outbuilding, protective shelter	1
952	Railroad yard	1
965	Vehicle parking area	1
		7
NNN	None	10
		10
UUU	Undetermined	9
		9

Total Inspections 1546

Manitowoc Fire Department
Bureau of Fire Investigation

2011 proved to another challenging year for the Manitowoc Fire Department. Although the number of fire decreased slightly, we continue to see fire loss over one-million dollars. Actual fire loss for 2011 is $1,304, 325. As our buildings in our community get older and as the economy remains poor we can expect fire loss to remain high. Buildings are not getting repaired as they should and we have noticed an increase in inspection violations.

We experienced 33 structure fires in our community and 25 of those required the Shift Commander to request a fire investigator to investigate the origin and cause of the fire. Some of the structure fires were set intentionally and required the fire investigators to involve the detectives from the Manitowoc Fire Department. Suspects were arrested in a south side house fire and our investigators have been subpoenaed to testify this spring. The continuance of arson fires is a concern for both the fire and police departments and we are working hard to identify those responsible and prosecute them accordingly. At this time we have 14 fires that we believe to have been intentionally set but have been unable to identify any suspects.

A disturbing trend that we have noticed when we respond to structure fires is the lack of working smoke detectors. This is the first line of notification to get the residents out safely. Our public education efforts have stepped up to correct this along with the smoke detector program.

Our Fire Investigation Bureau is supervised by Deputy Chief Gregg Kadow. Our fire investigators are:

Captain Seth Dramm
MPO Jason Sweney
Firefighter Kevin Cerkas
MPO Jason Pielhop
MPO Brad Olivera

mfd

Dollar Loss Threshold Report

Alarm Date Between {01/01/2011} And {12/31/2011} and Incident Type < "200"

Incident	Alm Date	Time	Location	Inci Type	Est Loss
11-0000026	01/16/2011	16:12:31	2000 JOHNSTON DR	141 Forest, woods or	0
11-0000043	01/22/2011	11:43:56	3223 CLOVER RD	171 Cultivated grain or	1,000
11-0000044	01/23/2011	21:48:49	1650 S 41ST ST	100 Fire, Other	0
11-0000062	02/01/2011	01:25:06	838 S 16TH ST	100 Fire, Other	0
11-0000070	02/06/2011	16:42:49	1700 S 18TH ST	113 Cooking fire,	0
11-0000078	02/07/2011	19:39:46	204 N 8TH ST /602	113 Cooking fire,	0
11-0000090	02/13/2011	16:35:00	3223 CLOVER RD	171 Cultivated grain or	6,000
11-0000094	02/14/2011	09:52:08	2115 CAPPAERT RD	111 Building fire	1,000
11-0000108	02/20/2011	04:27:02	1300 CHICAGO ST	161 Outside storage	0
11-0000125	02/26/2011	02:15:19	4807 S 10TH ST	111 Building fire	0
11-0000146	03/12/2011	13:17:23	1415 DIVISION ST	154 Dumpster or other	0
11-0000151	03/15/2011	22:53:19	1311 WALDO BLVD	113 Cooking fire,	500
11-0000154	03/17/2011	14:28:34	4343 EXPO DR	111 Building fire	0
11-0000160	03/21/2011	20:27:26	S 23RD ST & DEWEY ST	143 Grass fire	0
11-0000163	03/23/2011	07:04:53	1903 DIVISION ST	113 Cooking fire,	0
11-0000168	03/24/2011	10:46:09	2125 FAIRMONT ST	114 Chimney or flue	2,500
11-0000169	03/25/2011	07:19:00	1306 WASHINGTON ST	151 Outside rubbish,	0
11-0000170	03/27/2011	02:18:17	1715 WASHINGTON ST	113 Cooking fire,	0
11-0000172	03/28/2011	08:47:00	5902 W CUSTER ST	111 Building fire	300
11-0000182	04/01/2011	18:01:12	2000 KELLNER ST /# 402	111 Building fire	75,000
11-0000190	04/03/2011	17:36:37	2010 GRAND AVE	113 Cooking fire,	0
11-0000195	04/06/2011	14:14:00	1402 N 30TH ST	151 Outside rubbish,	0
11-0000197	04/08/2011	18:48:42	2104 S 21ST ST	143 Grass fire	0
11-0000199	04/09/2011	01:57:53	1201 S 11TH ST	111 Building fire	500
11-0000215	04/20/2011	05:58:11	1422 S 35TH ST	131 Passenger vehicle	22,000
11-0000215	04/20/2011	05:58:11	1422 S 35TH ST	131 Passenger vehicle	18,000
11-0000239	04/30/2011	05:52:22	929 S 40TH ST	111 Building fire	22,500
11-0000250	05/06/2011	13:59:47	1815 FLAMBEAU ST	118 Trash or rubbish	100
11-0000256	05/07/2011	19:09:15	1118 S 19TH ST /A	111 Building fire	600
11-0000259	05/08/2011	17:49:34	920 RATON CT	142 Brush or	0
11-0000262	05/10/2011	12:45:00	2808 45TH ST /TWO RIVERS,	111 Building fire	0
11-0000274	05/15/2011	23:24:56	5110 EXPO DR /201	111 Building fire	10,000
11-0000275	05/16/2011	17:54:56	1502 CLARK ST /.	160 Special outside	250
11-0000276	05/16/2011	21:07:53	739 S 31ST ST	160 Special outside	0
11-0000277	05/17/2011	08:46:00	700 N 18TH ST	131 Passenger vehicle	200
11-0000284	05/20/2011	18:56:14	4421 DEWEY ST	131 Passenger vehicle	0
11-0000291	05/23/2011	22:42:22	2050 SILVER ST	131 Passenger vehicle	1,000
11-0000296	05/25/2011	22:21:15	1012 GREEN ST	113 Cooking fire,	0
11-0000318	06/03/2011	14:47:49	W CUSTER ST & CALUMET AVE	142 Brush or	0
11-0000319	06/04/2011	03:08:54	420 E REED AVE	113 Cooking fire,	0
11-0000324	06/06/2011	15:08:00	2500 CLAY PIT RD /Manitou	160 Special outside	0
11-0000332	06/08/2011	16:08:44	4700 CUSTER ST	131 Passenger vehicle	2,000

Dollar Loss Threshold Report

Alarm Date Between {01/01/2011} And {12/31/2011} and Incident Type < "200"

Incident	Alm Date	Time	Location	Inci Type	Est Loss
11-0000335	06/08/2011	20:36:52	3711 CLOVER RD	111 Building fire	0
11-0000353	06/16/2011	04:49:38	3720 MENASHA AVE	113 Cooking fire,	0
11-0000358	06/17/2011	04:42:18	1612 WASHINGTON ST	111 Building fire	10,000
11-0000387	06/29/2011	14:29:06	920 S 22ND ST	111 Building fire	1,000
11-0000405	07/07/2011	04:03:12	316 RIVERVIEW DR /14	113 Cooking fire,	25
11-0000411	07/09/2011	12:27:32	1700 S 18TH ST /106	113 Cooking fire,	0
11-0000428	07/19/2011	05:13:10	1612 WASHINGTON ST	111 Building fire	1,000
11-0000433	07/19/2011	19:07:20	1205 S 18TH ST	113 Cooking fire,	50
11-0000450	07/28/2011	01:01:00	935 S 25TH ST	111 Building fire	5,000
11-0000467	08/02/2011	08:24:46	2401 S 30TH ST /BLDGS 711	111 Building fire	500
11-0000475	08/05/2011	07:23:23	1225 S 9TH ST	151 Outside rubbish,	0
11-0000477	08/07/2011	13:34:51	3651 DEWEY ST	131 Passenger vehicle	1,430
11-0000482	08/09/2011	15:07:53	4140 HARBOR TOWN LANE /900	142 Brush or	0
11-0000487	08/12/2011	21:04:13	3709 MANGIN ST /St	113 Cooking fire,	0
11-0000509	08/23/2011	13:06:44	N 18TH ST & RAVENSWOOD	131 Passenger vehicle	1,000
11-0000521	08/28/2011	04:23:31	2641 S 21ST ST	111 Building fire	10,000
11-0000523	08/28/2011	18:06:00	2672 S 21ST ST /2672	154 Dumpster or other	150
11-0000529	09/01/2011	02:07:54	1553 S 35TH ST /OFFICE:	113 Cooking fire,	0
11-0000544	09/05/2011	14:32:00	5426 E FRONTAGE RD	143 Grass fire	0
11-0000547	09/06/2011	16:42:41	4400 E FRONTAGE RD	132 Road freight or	300
11-0000619	10/10/2011	18:50:45	931 N 11TH ST	111 Building fire	45,000
11-0000626	10/12/2011	23:58:40	2101 DIVISION ST	154 Dumpster or other	500
11-0000635	10/18/2011	16:57:11	1901 RANKIN ST	151 Outside rubbish,	50
11-0000638	10/19/2011	15:01:21	4400 CALUMET AVE	131 Passenger vehicle	1,000
11-0000651	10/26/2011	11:21:00	200 E WALDO BLVD	142 Brush or	0
11-0000660	10/30/2011	12:40:42	2130 MENASHA AVE	113 Cooking fire,	0
11-0000661	10/30/2011	17:27:00	918 S 11TH ST	151 Outside rubbish,	0
11-0000700	11/15/2011	16:16:00	1414 S 14TH ST	142 Brush or	0
11-0000706	11/18/2011	17:16:05	2128 GRANGER RD	142 Brush or	0
11-0000720	11/25/2011	16:17:20	3313 YORKSHIRE LANE /3313	154 Dumpster or other	1,000
11-0000725	11/29/2011	11:30:00	1720 MENASHA AVE	151 Outside rubbish,	0
11-0000737	12/05/2011	00:17:45	613 CHICAGO ST	111 Building fire	1,500
11-0000750	12/10/2011	13:16:10	1321 S 16TH ST	111 Building fire	250
11-0000759	12/13/2011	16:30:00	N 10TH ST & CHICAGO ST	151 Outside rubbish,	0
11-0000762	12/14/2011	15:11:00	1500 N 3RD ST	113 Cooking fire,	0
11-0000766	12/16/2011	15:47:17	2237 VICTORIA DR	111 Building fire	0
11-0000797	12/30/2011	14:14:20	2122 MONROE ST	111 Building fire	41,000
Total Incident Count	**79**			**Total Est Loss**	**284,205**

Manitowoc Fire Department
2011 Response Summary

The fire department remains very busy responding to calls for assistance from our community and neighboring communities. Our responses cover a wide variety requests for service. These numbers do not include ambulance calls.

Structure Fires	33	Electrical Problems	11
Car Fires	11	Spills on Roads	26
Dumpster/Grass Fires	14	House Lockouts	10
Overpressure/Rupture	03	Water Removal	04
False Alarms	178	Smoke Removal	22
Jaws Calls	07	Animal Rescue	01
CO Calls	50	Smoke Scare	06
Water Rescue	01	EMS Assist	119
Boat in Distress	02	Hazmat Response	22
Public Service	125	Mutual Aid Given	13
Flammable/Comb. Spills	32	Natural Gas Leaks	15
		Other calls for Service	106

TOTAL RESPONSES 811

As the type of incident suggests, we have the capability to respond to and handle almost any type of situation that comes our way. These numbers do not show that we have technical rescue capabilities when needed. We are trained for and respond to trench collapses, confined space rescues, and water/ice rescues. We also test over 100 private hydrants in the City to make sure they are operating properly.

We continue to serve the community from four fire stations providing fire and paramedic ambulance services.

Manitowoc Fire Department
Bureau of Public Education

The Bureau of Public Education continues to be very active in the community in delivering all of our fire and safety messages. We put on safety talks, open houses, fire extinguisher demonstrations, fire drills, and use the Survive-a-Live trailer and Fire Pup to present our message. Tours of the fire station are always popular and gives the public a chance to see how a firefighter spends their day.

Our smoke detector program remains busy. We will install smoke detectors in your home if you do not have them. The cost is $12.50 per detector. If a person is unable to afford it there is no cost, but we do ask for donations. We also work with Energizer Battery to make sure the detectors are working. They donate approximately 200 batteries to us a year to help us with our mission. We also pair up with local civic groups, school groups, and the American Red Cross to visit local neighborhoods and ask to check for working smoke detectors. We use the money from the detectors to sustain the program and we do receive detectors from the local Lowe's store which has become a generous sponsor of fire safety issues.

Our open house was again a huge success. It was held on Saturday, October 19 from 1:00 PM until 4:00 PM. We had almost 300 people stop in with their families to meet the firefighters, listen to fire safety messages and have their picture taken with Firepup and Andy the Ambulance. We had four major sponsors and approximately 15 door prize sponsors. An event like this can not be successful without their help and we appreciate the support of the community.

Our most popular programs are fire extinguisher training and safety talks along with the use of the Survive Alive Trailer. We also conduct fire drills as per State Code.

- Fire extinguisher training — 295 people
- Fire drill — 7,494 staff and students
- PE talks and tours — 1,452 people

We will continue to get our safety message to the community through hands on programs and safety messages on cable television and in the newspaper. Our goal is for a fire safe community for all those who live here and come to visit.