

# Marshfield Fire & Rescue Department 2014 Annual Report



## 2014 CITIZEN'S FIRE ACADEMY

Bottom Row: Kathleen Lindgren, JoAnn Oppman, Victoria Selz  
Middle Row: FF Everett Mueller, Jeanne Cichantek, Carolyn Opitz, Andrew Keogh, Gordan Earll  
Top Row: David Collinson, Breanna Speth, Brandee Rehlinger Crystal Lenz and Chief Haight

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Robert P. Haight III  
Fire Chief

## FIRE & RESCUE DEPARTMENT

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February 6, 2015

Mayor Chris Meyer  
Common Council Members  
Police and Fire Commission Members  
City Administrator Steven Barg  
City of Marshfield Residents

Ladies and Gentlemen:

I proudly present the 2014 annual report for the Marshfield Fire and Rescue Department (MFRD). This report reflects the summary narrative and statistics, which only begin to reflect the many accomplishments of our dedicated staff. These accomplishments would not have been possible if not for the vision and dedication of the Police and Fire Commission, the investment and support of the Common Council and elected or appointed officials, and ultimately the support from the public we proudly serve.

### Operational Review

We continue to monitor our response times to fire and emergency medical calls on a regular basis. Preemptive intersection lighting appears to be having a positive effect on reducing the degradation of response times within the City. This equipment operates by switching all traffic lights to favor emergency equipment as they approach an intersection. However, the use of this technology is only one tool designed to minimize response times and there are still factors that are beyond our control (distance from apparatus, increasing community boundaries, number of concurrent calls, etc.).

The Regional Fire Training Center located at 2615 South Vine Avenue in Marshfield was developed through a partnership with Mid-State Technical College (MSTC) and the city of Marshfield in 2006. This facility continues to provide many opportunities to train our members and certify fire service students in the MSTC district.

The MFRD and those individuals expected to play key roles as outlined in our Emergency Operations Plan (EOP), continue to work to improve Marshfield's response to large scale emergencies. This was very apparent by the interaction of the many organizations who participate in our Emergency Operations Group (EOG) during the 2014 exercise of a lone gunman which was held at Marshfield High School. This drill identified many strengths as well as weaknesses in the handling of this situation by the various responding organizations.

Every drill conducted by the EOG advances our emergency response capabilities as well as helping to build a strong working relationship between these public as well as private agencies who will be working together. This planning was further enhanced as we rewrote our preparedness plan with Saint Joseph's Hospital, Spirit of Marshfield, Marshfield Clinic and Wood County Health Department for handling an Ebola incident. MFRD would be a major player in transportation of an Ebola patient within our City. While the chances of this occurring are small, the planning and preparation for such an occurrence can be utilized to handle many infectious diseases.

### Financial Review

Overall, all three budgets administered by the MFRD operated within the 2014 budget parameters. Specifically, we continue to operate our fire prevention and protection budgets as anticipated. Our ambulance operation revenue has occasionally been reduced due to rising write-offs but we continue to see a positive fund balance due to our close monitoring of this fund.

We previously developed an apparatus replacement schedule with the assistance of the finance director and city administrator to minimize the financial impact in these purchases. This schedule has been embraced by both the Police and Fire Commission and the Common Council and has the strong potential to minimize the financial peaks and valleys for the replacement of these very costly but essential pieces of equipment. This schedule will see its first real test in 2016 when a new aerial is slated to be purchased.

MFRD along with many Wood County agencies and many others within the northeast part of the state have developed and put into place an Incident Management Team (IMT). The development of this team provides the city of Marshfield as well as all of the agencies in the northeast part of the state, a level of organizational expertise that will be invaluable when having to manage a large scale emergency in region. This team also can be called upon to provide assistance in a prolonged disaster in other areas of the state.

Lastly, we anticipate continuing the accreditation process through the Center for Public Safety Excellence (CPSE). This extensive process will take approximately three to five years to complete. One of the key benefits of this process is realized by receiving an internal along with a third party audit and evaluation of all services provided by the MFRD. If successful, the MFRD will be recognized as one of a growing number of fire departments throughout the nation that continue to strive for excellence.

With these changes, we will continue to provide the residents of the city of Marshfield with the type of fire and emergency medical services they expect and deserve.

Summary

Overall, I am very pleased with the progress the department has made in 2014. In 2015, we will continue to evaluate and improve upon the services we provide and we are looking forward to the challenges of the future. We have planned another ambitious year and we will continue to seek improvements to serve our citizens in the most cost-effective and equitable manner as possible.

Respectfully,

Robert P. Haight III, Fire Chief  
Marshfield Fire and Rescue Department

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## FIRE AND RESCUE DEPARTMENT PROFILE

Emergency 911

Non-Emergency 715-486-2094

### Personnel

- 37 Full-time members.
- Governed by a five member Police and Fire Commission.

### Services Provided

#### Emergency Medical Service

- Advanced Life Support (ALS) and Basic Life Support (BLS) services for the city of Marshfield and thirteen townships and villages in the central Wisconsin area (314.895 square miles).
- Neonatal transports, pediatric transports, and paramedic intercepts for Ministry Saint Joseph's Hospital Spirit of Marshfield program.
- Falls prevention program.
- Emergency medical services education/internship for students from three technical college districts.
- Emergency medical services for special events.

#### Fire Prevention

- Fire inspections for the city of Marshfield businesses and multi-family residences (approximately 2,500 annually).
- Fire prevention perspective of development plan reviews for new construction.
- Pre-fire planning.
- Fire prevention education.
- Juvenile fire safety program for Marshfield and surrounding areas.
- Fire investigation services for Marshfield and Wood County.
- Under ground and above ground storage tank program (UST/AST) coordination.
- Sprinkler plan review.
- Emergency site plan development and updating for local businesses.

#### Fire Protection

- Fire suppression for the city of Marshfield (15.391 square miles).
- Hazardous materials response for the northern half of Wood County.
- Hazardous materials response for State of Wisconsin as a type III response.
- Fire protection education/internship for students from three technical college districts.
- Fire protection for special events.
- Co-management of Marshfield emergency management program.
- Special response rescue for central Wisconsin (confined space, trench collapse, elevated extrication, and collapse).
- Foam suppression units for central Wisconsin flammable liquid fires/releases.

### Financial Overview

- 2014 Fire and Rescue Department Expenditures
- 2014 Fire and Rescue Department Revenues

### Service Area

- Fire Service – City of Marshfield – 15.391 square miles
- Ambulance Service – City of Marshfield, three villages and ten townships, 314.895 square miles, population 31,833

### Typical Annual Response (five year average)

- 235 Fire Related Responses
- 2,454 Emergency Medical Responses

2014

MAYOR, CITY ADMINISTRATOR, AND MEMBERS OF THE COMMON COUNCIL

Mayor

Chris L. Meyer

City Administrator

Steve Barg

Alderpersons

1 <sup>st</sup> District		Michael Feirer
2 <sup>nd</sup> District		Alanna Feddick
3 <sup>rd</sup> District		Chris Jockheck
4 <sup>th</sup> District	(President)	Gordon Earll
5 <sup>th</sup> District		Ed Wagner
6 <sup>th</sup> District		Charlotte Smith
7 <sup>th</sup> District		Gary Cummings
8 <sup>th</sup> District		Rebecca Spiros
9 <sup>th</sup> District		Tom Buttke
10 <sup>th</sup> District		Peter Hendler

2014

OFFICERS OF FIRE AND RESCUE DEPARTMENT ORGANIZATION

Police and Fire Commission

President	Andy Keogh
Vice President	Randy Gershman
Secretary	Nate Mueller
Commissioner	Terry Frankland
Commissioner	Mike Meyers

Fire Fighters Local 1021

President	Brad Breuer
Vice President	Lance Christopher
Secretary/Treasurer	Eric Lang
Executive Board	Peter Fletty
Executive Board	Ben Griesbach
Executive Board	Sam Tennesen

# ADMINISTRATIVE STAFF



\* Fire Chief Robert Haight  
Date of Hire 06/10/1990  
Paramedic



\*Deputy Chief Ed Erickson  
Date of Hire 01/14/1990  
Fire Prevention Coordinator



\*Deputy Chief Scott Owen  
Date of Hire 07/08/1996  
EMS Coordinator



Sue Berger  
Administrative Assistant III  
Date of Hire 11/15/1995

\* Denotes one or more committee

# GREEN SHIFT



\* Deputy Chief Craig DeGrand  
Date of Hire 02/25/1986  
EMT  
Department Training Officer  
FTO/Apprenticeship Coordinator



Lieutenant Jon Lucareli  
Date of Hire 11/07/1994  
EMT  
Special Response Team



\* Fire Fighter Jeff Barth  
Date of Hire 06/17/1996  
EMT  
Relief Lieutenant  
Special Response Team



\* Fire Fighter Jason Foth  
Date of Hire 06/26/1998  
Paramedic  
Special Response Team



\* Fire Fighter Brian Barnes  
Date of Hire 08/28/2000  
Paramedic  
Relief Lieutenant  
Field Training Officer  
Special Response Team  
Child Passenger Safety Tech.



\* Fire Fighter Jim Meyer  
Date of Hire 01/05/2004  
EMT  
Special Response Team



\* Fire Fighter Eric Lang  
Date of Hire 10/31/2005  
Paramedic  
Field Training Officer  
Special Response Team



Fire Fighter Jason Schad  
Date of Hire 04/03/2006  
Paramedic  
Field Training Officer



\* Fire Fighter Ben Griesbach  
Date of Hire 02/25/2008  
Paramedic  
SCBA Face Piece Fit Test  
Tech.



Fire Fighter Lucas Frydenlund  
Date of Hire 09/07/2010  
Paramedic  
SCBA Face Piece Fit Test Tech.



Fire Fighter Matt Karnowski  
Date of Hire 03/24/2014  
Paramedic

\* denotes being a member of one or more committees

# BLUE SHIFT



\* Deputy Chief Jody Clements  
Date of Hire 03/03/1993

EMT  
Safety Committee Chair  
NEIMT and WI AHIMT Team member  
SCBA/Compressor NFPA 1989 Compliancy Officer  
UST/AST Program Coordinator



\* Lieutenant Brad Breuer  
Date of Hire 09/09/1992

EMT  
NEIMT Team member



Fire Fighter Dave Patton  
Date of Hire 10/27/1997  
Paramedic  
Sprinkler/Alarm Maint.



\* Fire Fighter Pete Fletty  
Date of Hire 12/08/1997  
Paramedic  
Relief Lieutenant  
UST/AST Tank Inspector  
SCBA Face Piece Fit Test Tech.  
Field Training Officer  
Special Response Team



\* Fire Fighter Steve Bakos  
Date of Hire 07/13/1998  
Paramedic  
Elevator Fire Service Maint.  
Field Training Officer  
Special Response Team



Fire Fighter Joe Vanden Elzen  
Date of Hire 08/26/2002  
EMT  
Field Training Officer



Fire Fighter Lance Christopher  
Date of Hire 01/20/2003  
EMT  
Field Training Officer



\* Fire Fighter Erik Jonas  
Date of Hire 02/26/2007  
Paramedic  
Falls Prevention Coordinator  
JFS Coordinator



\* Fire Fighter Jon Altman  
Date of Hire 10/13/2008  
Paramedic  
Child Passenger Safety Tech.  
SCBA Face Piece Fit Test Tech.



Fire Fighter Bronson Weyrauch  
Date of Hire 09/30/2013  
Paramedic



Fire Fighter Jeni Sadauskas  
Date of Hire 06/23/2014  
Paramedic

\* denotes being a member of one or more committees

# RED SHIFT



\* Deputy Chief Roy Dolens  
Date of Hire 01/02/1988  
Paramedic  
Incident Management Team  
Fire Investigator IAAI-CFI  
Haz-Mat Coordinator  
Specialized Rescue Coordinator



\* Lieutenant Kelly Esker  
Date of Hire 09/15/1995  
EMT  
Fire Investigator IAAI-CFI  
UST/AST Tank Inspector  
Special Response Team



\* Fire Fighter Dan Jonas  
Date of Hire 07/16/1990  
EMT



\* Fire Fighter Rodney Bauer  
Date of Hire 05/05/1997  
EMT  
Field Training Officer  
Special Response Team



\* Fire Fighter Troy Weiland  
Date of Hire 08/02/1999  
Paramedic  
Relief Lieutenant  
Field Training Officer  
Fire Investigator IAAI-CFI  
Special Response Team



\* Fire Fighter Pete Winistorfer  
Date of Hire 09/24/2001  
Paramedic  
Relief Lieutenant  
Child Passenger Safety Tech.  
Special Response Team



\* Fire Fighter Everett Mueller  
Date of Hire 06/28/2004  
EMT  
Public Education Coordinator  
Special Response Team



Fire Fighter Bjorn Gilbertson  
Date of Hire 06/16/2008  
Paramedic



\* Fire Fighter Nate McNamara  
Date of Hire 07/06/2009  
Paramedic  
Extinguisher/SCBA Maint.



Fire Fighter Sam Tennesen  
Date of Hire 11/30/2009  
Paramedic



Fire Fighter Cody Thornberg  
Date of Hire 10/14/2013  
Paramedic

\* denotes being a member of one or more committees

DATA INVOLVING FIRE AND RESCUE DEPARTMENT PERSONNEL

Promotions

September 30, 2014	Fire Fighter/Paramedic Bronson Weyrauch to Fire Fighter 1
October 14, 2014	Fire Fighter/Paramedic Cody Thornberg to Fire Fighter 1

Hired

March 24, 2014	Fire Fighter/Paramedic Matthew Karnowski
June 23, 2014	Fire Fighter/Paramedic Jeni Sadauskas

Duty Incurred Disability

None

Retired

None

Resigned

None

Terminated

None

Members Retired.....	0
Members Resigned.....	0
Members Hired .....	2
Total Number of Injuries .....	5
Total Number of Lost Time Injuries .....	0
Total Days Lost Time Injuries .....	0 days, 0 hours
Total Days Lost Due to Sickness .....	263 days, 20 hours
Total days Used for Family Leave.....	49 days, 0 hours

FIRE SERVICE COVERAGE

<u>City</u>	<u>Population</u>	<u>Square Miles</u>
Marshfield – Wood County	18,218	13.460
Marshfield – Marathon County	900	1.931
	<hr/>	<hr/>
TOTAL	19,118	15.391

AMBULANCE SERVICE COVERAGE

<u>City</u>		
Marshfield – Wood County	18,218	11.370
Marshfield – Marathon County	900	1.931

Villages

Auburndale	703	2.130
Hewitt	828	0.800
Milladore	276	1.063

Townships

Auburndale	860	30.200
Cameron	511	7.241
Fremont	1,265	36.000
Lincoln	1,564	34.132
Marshfield	764	16.726
McMillan	1,968	35.664
Milladore	690	32.938
Richfield	1,628	34.800
Rock	855	34.500
Sherry	803	35.400

TOTAL	31,833	314.895
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STATISTICS - CITY AND RURAL

Total Number of Fires Responded to in the City	39
Total Number of Hazardous Condition Alarms in the City	73
Total Number of False or Accidental City Fire Alarms	86
Total Number of Other Types of City Calls	51
<b>Total Number of City Fire Related Calls</b>	<b>249</b>
Total Number of Ambulance Calls (less false or accidental)	2,397
Total Number of Service Calls	7
Total Number of Good Intent Calls	56
Total Number of False or Accidental Ambulance Alarms	16
<b>Total Number of Ambulance Calls</b>	<b>2,476</b>
<b>Total Number of Calls Received by this Department (includes fire and ambulance)</b>	<b>2,725</b>
<hr/>	
5 Year Average "City Fire Loss" for which the Department was called	\$408,205.00
2014 "City Fire" Related Deaths	1
2014 "City Fire Loss" for which the Department was called	\$573,550.00
2014 Property Value Saved	\$3,789,000.00
2014 Estimated Fire Loss <u>Per Capita</u> for the City of Marshfield	\$30.00
Per Capita Cost of Maintaining the Fire Department	\$137.17
Per Capita Cost of Maintaining the Ambulance	\$0.00

## Marshfield Fire and Rescue Department 2014 Financial Statement

	Budgeted	Actual (Before Closing)
<b>Fire Prevention</b>		
Personnel, Operation and Maintenance	\$630,559.56	\$643,505.08
Revenue	\$60,496.00	\$63,324.00
Actual Cost (Budget less Revenue)	\$570,063.56	\$580,181.08
<b>Fire Protection</b>		
Personnel, Operation and Maintenance	\$2,182,145.55	\$2,064,674.08
Revenue	\$18,853.00	\$22,410.00
Actual Cost (Budget less Revenue)	\$2,163,292.55	\$2,042,264.08
<b>Total Actual Cost of Fire Protection &amp; Prevention</b>	<b>\$2,733,356.11</b>	<b>\$2,622,445.16</b>
Per Capita Cost of Maintaining the Fire Dept.	\$142.97	\$137.17

**The Ambulance Service is an Enterprise Fund and is self-supporting. This service is not supported by Tax Funds.**

	Budgeted	Actual (Before Closing)
<b>Ambulance</b>		
Personnel, Operation and Maintenance	\$974,031.80	\$991,726.06
Revenue	\$1,327,074.00	\$1,197,695.00
Actual Cost (Budget less Revenue)	-\$353,042.20	-\$205,968.94
<b>Total Revenue Over Cost for Ambulance</b>	<b>\$353,042.20</b>	<b>\$205,968.94</b>
Per Capita Cost of Maintaining the Ambulance	\$0.00	\$0.00

**If the Ambulance Service was supported by tax dollars then the Per Capita cost of maintaining the Fire & Rescue Department would be:**

	Budgeted	Actual (Before Closing)
<b>Fire Prevention</b>	\$570,063.56	\$580,181.08
<b>Fire Protection</b>	\$2,163,292.55	\$2,042,264.08
<b>Ambulance</b>	-\$353,042.20	-\$205,968.94
	\$2,380,313.91	\$2,416,476.22
Per Capita Cost of Maintaining the Fire Dept.	\$124.51	\$126.40

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**MARSHFIELD**

The City in the  
Center

**Robert P. Haight III**  
Fire Chief

## FIRE & RESCUE DEPARTMENT

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### MEMORANDUM

TO: Robert P. Haight III, Fire Chief

FROM: Scott M. Owen, Sr., Deputy Fire Chief of EMS

DATE: January 22, 2015

SUBJECT: 2014 Emergency Medical Services Program Overview

On July 15, 1996 the city of Marshfield Fire and Rescue Department became the first 9-1-1 paramedic service in central Wisconsin. The department officially began operating with twelve paramedics and currently has twenty-one paramedics available on three shifts. The remaining members of the department are licensed at the Emergency Medical Technician (EMT) level.

The paramedic level of service allows this department to offer a wide variety of services to its citizens and visitors including Advanced Cardiac Life Support (ACLS), IV therapy, external cardiac pacing, synchronized cardio version, endotracheal intubation, and specific drug therapies. Certifications held by these paramedics include Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS), Neo-natal Advanced Life Support (NALS), and Basic Trauma Life Support – Advanced (BTLS-Advanced).

State licensed Emergency Medical Technicians (EMT) are able to provide specific skills as permitted by the State of Wisconsin and department protocols including cardiac defibrillation, advanced airway management (Combitube), and selected medication assistance including use of Epi-Pen (epinephrine), glucagon, nebulized albuterol, and aspirin to those patients who need it. The residents in our service area will always have this as the minimum level of service available. In addition to the training requirements of the EMT, some of the department's members have completed advanced courses such as Basic Trauma Life Support (BTLS), Pre-Hospital Trauma Life Support (PHTLS), Pediatric Education for Prehospital Professionals (PEPP), and others.

The State of Wisconsin requires that two paramedics be present on an ambulance to operate as a paramedic unit. This department has received approval from the State for a single paramedic to operate at an Emergency Medical Technician-Intermediate (EMT-I) level. This will allow the use of IV therapy, selected drug therapy, first line cardiac medications, manual defibrillation, and other associated skills as outlined in the operational plan submitted with the State. This has allowed our department to offer multiple levels of services to our patients at all times, but they only have to pay for the level of service needed and received.

The number of Advanced Life Support (Paramedic) calls in 2014 totaled forty-nine percent and the remaining fifty-one percent of calls in 2014 were at the EMT level. Marshfield has only eighteen percent of its population over the age of sixty-five, yet this group accounts for sixty-two percent of our total ambulance calls. This group will account for over seventy-four percent of our total ambulance calls by the year 2030 based on the census bureaus projected population tables.

Marshfield Fire and Rescue Department is in its sixth year working closely with the Central Wisconsin Falls Prevention Coalition. This is a proactive approach to reducing the number of ambulance contacts that this department will have with the sixty-five and older population and also allows us to help in matching persons in this population with any agencies that may be of assistance for services and adaptive equipment.

2014 was the sixteenth year of paramedic intercepts to area communities by the Marshfield Fire and Rescue Department offered in conjunction with Saint Joseph's Hospital. These intercepts bring ALS care to Basic Life Support (BLS) ambulance service when patients need advanced levels of medical care. This department continued offering these paramedic intercepts to area ambulance services when Ministry Spirit Medical Transportation was unavailable and only occur when there is another ALS ambulance available to the citizens covered by Marshfield Fire and Rescue Department.

Marshfield Fire and Rescue Department has also been the back up to Marshfield Children's Hospital for neonatal and pediatric inter-facility transfers for twenty plus years. This collaboration has been instrumental in safely bringing these sick children to Marshfield Children's Hospital for advanced care.

Marshfield Fire and Rescue Department continues to participate with area technical colleges by providing ride along experience for EMT's and paramedics in training. This program allows the students to learn from our ambulance personnel and experience first-hand those skills they are learning in school.

The department will continue to work with the State of Wisconsin Department of Health and Family Services to ensure that Wisconsin and specifically central Wisconsin are able to provide the best possible care anywhere.

2014 brought a change to the way we handle patients with actual or potential infectious diseases. The Ebola outbreak in Western Africa frequented the headlines and raised numerous questions and concerns about not only the disease but preparedness. In reviewing our response to a possible Ebola virus patient, the Marshfield Fire and Rescue Department has incorporated some additional safety practices.

The Marshfield Fire and Rescue Department worked closely with our community partners (Saint Joseph's Hospital, Spirit Medical Transportation Services, Marshfield Clinic, and the Wood County Health Department) in practicing response and treatment plans for this new potential threat. We have been working to ensure that our county and regional emergency plan is consistent

with new information as it is received from the Centers for Disease Control (CDC) and local and state public health departments as well as ensuring our response plans provide for the best patient care as well as protection of the patient care providers.

The Marshfield Fire and Rescue Department in partnership with St. Joseph's Hospital, Spirit Medical Transportation Services, Marshfield Police Department, and Wood County Sheriff's Department participated in an Ebola readiness exercise at St. Joseph's Hospital on October 29, 2014. This exercise covered several critical components for working with patients who potentially may have the virus, including putting on and removing personal protective equipment, patient treatment, and preparing an ambulance for transport.

While we hope we never have to put our plans into use we are prepared to handle an incident should the need arise, whether it is Ebola or another type of infectious disease.

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**Robert P. Haight III**  
Fire Chief

## FIRE & RESCUE DEPARTMENT

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### MEMORANDUM

**TO:** Robert P. Haight III, Fire Chief

**FROM:** Everett G. Mueller; Public Education Coordinator  
Erik Jonas; Asst. Public Education Coordinator

**DATE:** December 22, 2014

**SUBJECT:** 2014 Public Education Report

Throughout 2014 the Public Education Committee has been busy with delivering quality educational programs to the citizens of Marshfield. These educational opportunities have been through direct delivery at the schools, tours of the station, special events, and public service announcements. The goal of each of these opportunities is to make the city of Marshfield a safe and pleasant place to call home.

Pre-K through sixth grade receives the most educational opportunities as we offer a wide range of activities during fire prevention week at the schools. We also visit the daycares and pre-schools to deliver education as well as offering stand-a-lone educational programs such as the Rainbow Valley Fire Department Curriculum that supplement our visits. Tours of the fire station are conducted throughout the year with many of the participants being of this age group. While the public education committee is responsible for planning these activities its delivery is the responsibility of all personnel on the fire department

Other educational opportunities included:

- Reading in the schools
- Fire prevention week activities with this year's theme "Working Smoke Alarms Save Lives, Test Yours Every Month" and a safety poster was selected for the contest where 498 were collected and prizes were given through donations collected from local businesses. Our Lady of Peace turned in the highest percentage of posters and was presented with the traveling trophy at a pizza party donated by Scotty's Pizza.
- National Child Passenger Safety Seat Program
- Car Seat Recycling Program
- Blood Pressure Checks
- Falls Prevention

- Junior Fire Safety Program – Provided eight sessions for a total of sixteen hours of education to the student and their families.
- First annual Citizens Fire Academy was delivered over a five week period. Eleven candidates completed the program.
- Public service announcements were conducted through periodicals, radio, and cable access programs.
- Community events we attended included:
  - Get Fired Up For Safety
  - Fire Fighter Memorial Service
  - KEEP – Kiwanis Enormous Equipment Playground
  - Annual Holiday Parade
  - Dairy Fest
  - Car Seat Recycling Event
  - Children’s Festival
  - Kid’s Expo

We would not be able to provide the quality programs without the support of many organizations and our local business’s.

Thank you to all of the department members for your support of the Public Education Program and for your assistance in many of the program deliveries throughout the year. We would also like to thank the Marshfield Police and Fire Commission, the Common Council, and the Mayor for their support of this worthwhile program.

The last thank you goes to the truly dedicated members of this year’s Public Education Committee, consisting of Deputy Chiefs Ed Erickson and Scott Owen, Fire Fighters Brian Barnes, Steve Bakos, Pete Winistorfer, Everett Mueller, Erik Jonas, Jonathan Altman, Sam Tennessen, Lucas Frydenlund, and Matt Karnowski. Without the commitment of these individuals the programs we provide would never be a success.

We look forward to 2015 and strengthening our commitment to prevention through education within the community we serve!

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**MARSHFIELD**

**Robert P. Haight III**  
Fire Chief

The City in the  
Center

## **FIRE & RESCUE DEPARTMENT**

---

### **MEMORANDUM**

**TO:** Robert P. Haight III, Fire Chief  
**FROM:** Ed Erickson, Deputy Fire Chief  
**DATE:** January 14, 2015  
**SUBJECT:** 2014 Fire Prevention Activities

Marshfield Fire and Rescue Department's Fire Prevention Program has six main focuses. The six focuses include fire inspections, building plan review, sprinkler plan review, pre-fire planning, annual evaluations for hydrants, and education. Each focus contributes to minimizing the city's fire loss. Fire affects more than just buildings. It routinely causes loss of business revenue, jobs, economic stability, health, personal property, and lives. It is with this knowledge that every member of this department continuously strives to strengthen the Fire Prevention Program.

The first focus of the program is fire inspections. In 2014, a total of 2,514 fire prevention inspections were performed. There were 1,172 violations found with 1,055 corrections. In 2014, we had an 99% clearance of violations.

The second focus is on plan review. We were able to accomplish this by being a member of the Development Review Team (DRT) for the city of Marshfield. The team consists of representatives from Planning and Economic Development, Zoning, Engineering, Building Services, Marshfield Utilities, and the Marshfield Fire and Rescue Department. With the combined efforts of each department, we have been able to meet with the developers and answer all the questions and concerns that they may have. The DRT met seven times in 2014 and provided input on seven projects or potential projects for the city of Marshfield. The program allows us to provide investors/contractors information up front as to what each department's requirements and concerns are.

The third focus is fire sprinkler plan review and permit approval. We have been able to ensure the safety concerns of the Marshfield Fire and Rescue Department through the sprinkler plan review process. We had sixteen applications for sprinkler permits in 2014.

The fourth focus is our Pre-Fire Plan Program. Pre-fire planning provides essential information by providing drawings, a list of all hazards found in the building, water flow calculations, and suggested firefighting tactics. We have been utilizing the same process for our pre-plan program since 2003. This department has completed slightly over 200 pre-fire plans and is currently in the process of creating and updating fifteen pre-fire plans.

The fifth focus is an annual evaluation of Marshfield's yearly street construction plans for the year. This focus is on the street layout and hydrant placement for existing and new street construction.

The sixth focus of education is detailed in the "Public Fire Education" report.

For the year 2015, we will continue to strive for an inspection violation correction ratio of over 85%. We will continue to make some technological advancements to build our occupancy and pre-fire planning section of FireRMS. We plan to keep working closely with various governmental agencies and businesses for the advancement of fire safety. For general fire inspections, we will continue to focus on vacant buildings by evaluating their condition and making them as safe as possible. We will be providing information to the Wood County Dispatch with updated contact information for all commercial properties. As in the past, Marshfield Fire and Rescue Department fire prevention officers look forward to the challenge of making Marshfield a fire safe city.

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**MARSHFIELD**

**Robert P. Haight III**  
Fire Chief

The City in the  
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## **FIRE & RESCUE DEPARTMENT**

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### **MEMORANDUM**

**TO:** Robert P. Haight III, Fire Chief

**FROM:** Jody Clements, UST/AST Inspector  
Kelly Esker, UST/AST Inspector  
Pete Fletty, UST/AST Inspector

**DATE:** January 13, 2015

**SUBJECT:** 2014 UST/AST Program

In May of 1992, the Marshfield Fire and Rescue Department entered into a contract with the State of Wisconsin to engage the professional services of the Marshfield Fire and Rescue Department to carry out the responsibilities of the Wisconsin Department of Commerce pursuant to sections 101.02(15)(a) and 101.09, Stats. In 2011, the Wisconsin Department of Commerce was reorganized with a name change. The new department was identified as the Department of Safety and Professional Services. In 2013 another name change was made and the agency is now called the Wisconsin Department of Agriculture, Trade, and Consumer Protection. As an agent of the state, we can provide these services more economically and efficiently under contract. The Marshfield Fire and Rescue Department is willing to provide professional and capable service to the Department of Agriculture, Trade, and Consumer Protection. We are under contract to provide this service to the City of Marshfield, Town of Cameron, Town of Auburndale, Village of Auburndale, Town of Lincoln, Town of Arpin, Village of Arpin, Town of Rock, Village of Hewitt, Town of Marshfield, and Town of Richfield.

Our contract with the Wisconsin Department of Agriculture, Trade, and Consumer Protection provides the city with revenue that previously would have stayed at the state level. This program also provides our department with the control and knowledge of current systems, new products, and new systems that are entering the City of Marshfield and surrounding rural communities. We also provide services when systems are removed. Those services include but are not limited to environmental protection and public safety.

The UST/AST Program and its codes continue to be the most dynamic code in the State of Wisconsin due to new technologies and the advent of biofuels. In February of 2009, Wisconsin Department of Commerce, now the Wisconsin Department of Agriculture, Trade, and Consumer Protection, Comm. 10 (now SPS 310) Flammable, Combustible and Hazardous Liquids Code, was

updated and became law. We will continue to work with our customers on implementation of the new code.

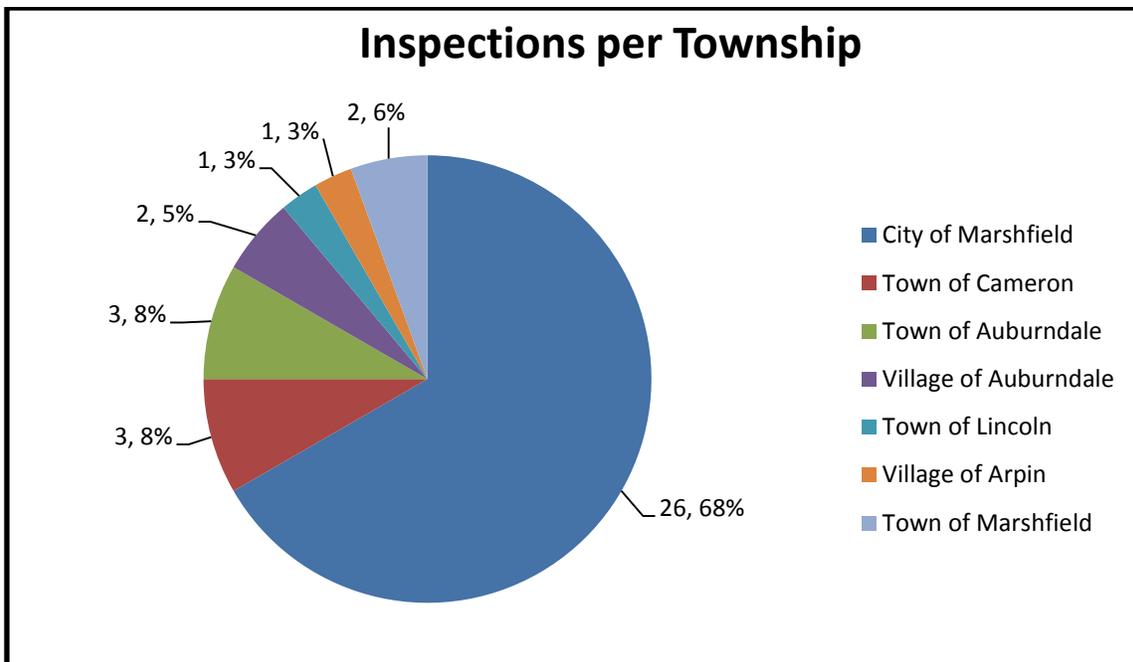
In 2014, Relief Lieutenant Peter Fletty completed training in Cleveland Wisconsin where he passed the state exam to become a certified tank inspector. With the addition of Inspector Fletty, the Marshfield Fire and Rescue Department presently has three licensed LPO's (Liquid Petroleum Officer's).

Current Inspectors Clements and Esker attended continuing education training administered by the State of Wisconsin located in Black River Falls and Madison Wisconsin for continuing educational credits. UST/AST Inspectors Clements and Esker currently hold an inspector license valid until November 30, 2015.

UST/AST inspectors completed thirty-eight tank system inspections, one removal, and one newly installed system in 2014. The program continued being proactive regarding the mitigation of violations. Due to 2010 regulations, many tank systems required updates to maintain compliance. These upgrades include but are not limited to auto shut-off overfill protection, corrosive protection on underground piping from an AST leak detection, and visual/audible alarms. On January 1<sup>st</sup>, 2012, the designation of Class A, Class B, and Class C operator was required.

The main goals of this program include public safety, environmental safety, knowledge of current and newly installed systems, and to keep the program fiscally responsible. In 2014, we met those goals and will remain diligent to meet those goals again in 2015. Due to the state budget cuts, the UST/AST program continues to implement ways of staying fiscally sound while still being responsive to our customers.

The following pie chart indicates the percentage of inspections performed in each contracted area for 2015.



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## **FIRE & RESCUE DEPARTMENT**

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### **MEMORANDUM**

**TO:** Robert P. Haight III, Fire Chief

**FROM:** Scott Owen, Deputy Fire Chief of EMS

**DATE:** February 2, 2015

**SUBJECT:** 2014 Safety Committee Annual Report

The Safety Committee was established in 2005 to form a proactive group of employees to promote safety in the workplace. The committee meets on a quarterly basis to discuss safety concerns and potential hazards in the workplace, and receive some education to take back to their respective shifts.

The committee works to eliminate safety problems in and around the station as well as on emergency scenes. As problems or issues are found they are corrected, if possible. If immediate correction is not possible, the employees are made aware of the issues until a solution is found. The safety problems are usually found by the committee members conducting a walk around inspection of the premises or by reports from department members to their shift representatives.

The group reviews all workers compensation claims for the previous quarter looking at the nature of the injury and discusses ways of preventing the injury from occurring again, which has resulted in educational programs and/or adjusting protocols to prevent future injury.

The committee also reviews all new and revised Safety Data Sheets (SDS) for products brought into the fire station. These SDS' are reviewed for the products use, potential hazards, and the level of personal protection required to be used by the employees. Department members understand that when new products are brought into the station, they may not be used until all employees are aware of the hazards on the label, aware of the appropriate precautions to be taken, and the SDS is in the SDS library.

The current members of the safety committee are:

Fire Chief Robert Haight III	Deputy Chief Jody Clements, Chair
Deputy Chief Ed Erickson	Deputy Chief Scott Owen
Lieutenant Brad Breuer	Fire Fighter Dan Jonas
Lieutenant Kelly Esker	Relief Lieutenant Troy Weiland
Relief Lieutenant Brian Barnes	Fire Fighter Jim Meyer

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# MARSHFIELD

**Robert P. Haight III**  
Fire Chief

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## FIRE & RESCUE DEPARTMENT

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### MEMORANDUM

TO: Robert P. Haight III, Fire Chief  
FROM: Roy Dolens, Deputy Fire Chief  
DATE: January 18, 2015  
SUBJECT: 2014 Response Overview (Non-Emergency Medical Services)

#### Structure Fires, Vehicle Fires, and Carbon Monoxide Responses

The 2014 structure fire loss in Marshfield increased from the structure fire loss in 2013. 2014 saw a loss of \$559,000 on property valued at \$1,505,250 while 2013 saw a fire loss of \$320,850 on property valued at \$669,681,820.

2014 structure fires over \$10,000 damage:

<u>Address</u>	<u>Structure Fire Loss</u>
2611 Yellowstone Drive	\$300,000
108 West 4th Street	\$ 97,000
404 West 6th Street	\$ 87,000
1505 Balboa Avenue	\$ 75,000

Vehicle fire loss for 2014 totaled \$9,950, which is an increase over the 2013 vehicle fire loss of \$3,720.

This is the twenty-first year tracking carbon monoxide (CO) related responses. This area of service is triggered by various factors. First, homeowners have become more aware and are installing carbon monoxide detectors. Second, homes are more energy efficient which leads to less fresh air infiltration. This can lead to increased carbon monoxide buildup if a source develops in the home. The number of carbon monoxide calls has remained consistent over the past several years. This is largely due to improvements in equipment reliability and public education to the dangers of carbon monoxide. In February of 2011, a new carbon monoxide law took effect requiring carbon monoxide detectors to be installed in every residential structure. Newly constructed homes need to have the carbon monoxide detectors hard wired to the building electrical system.

Marshfield Fire and Rescue Department responded to twenty-nine CO related calls in 2014. This is consistent with thirty-one CO calls in 2013. The level of CO detected is about the same as last year. Four homes had ranges up to thirty-five parts per million and five homes had readings higher than thirty-five parts per million. More than thirty-five parts per million requires immediate evacuation from the home. Fire fighters must wear self-contained breathing apparatus at this level of CO. Fire fighters will attempt to determine the source of the CO and notify service technicians to remedy the problem.

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## FIRE & RESCUE DEPARTMENT

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### MEMORANDUM

TO: Robert P. Haight III, Fire Chief

FROM: Roy Dolens, Deputy Fire Chief, IAAI-CFI  
Kelly Esker, Lieutenant, IAAI  
Troy Weiland, Relief Lieutenant, IAAI-CFI

DATE: January 22, 2015

SUBJECT: 2014 Fire Investigation Report

The Marshfield Fire Investigation Team conducted five special fire investigations for the year 2014. Special fire investigations are only conducted on a small percentage of the total number of fires that occur in the city during a given year. Special fire investigations are initiated in the event of a serious fire related injury or fatality, a large fire loss, or the lack of an immediately apparent origin and cause determination. The following is a summary of investigations conducted:

April 21, 2014                      Structure Fire  
2611 Yellowstone Drive  
Origin: Undetermined  
Cause: Undetermined  
Estimated Dollar Loss: \$300,000

April 29, 2014                      Structure Fire  
108 West Fourth Street  
Origin: West Room Clothes Rack  
Cause: Incendiary  
Estimated Dollar Loss: \$97,000

May 31, 2014                      Car Fire  
710 East Depot Street  
Origin: Exterior Driver Side Rear Panel  
Cause: Incendiary  
Estimated Dollar Loss: \$2,050

August 26, 2014	Structure Fire/Fatality 404 West Sixth Street Origin: Living Room Cause: Careless Use of Smoking Materials and/or Candles Estimated Dollar Loss: \$87,000
November 1, 2014	Structure Fire 1505 South Balboa Avenue Origin: Attic Cause: Electrical Estimated Dollar Loss: \$75,000

The total fire loss for 2014 special fire investigations is \$561,050. Dollar amount estimates are based on insurance company estimates and property valuation.

The Marshfield Fire Investigation Team consists of the following members:

<u>Fire/Rescue Personnel</u>	<u>Police Personnel</u>
Deputy Fire Chief Roy Dolens, IAAI-CFI	Detective Jason Parks
Lieutenant Kelly Esker, IAAI	Detective Kevin Hamill
Relief Lieutenant Troy Weiland, IAAI-CFI	

Marshfield fire investigators are members of the Wood County Fire Investigation Task Force, a multi-jurisdictional association that provides investigation assistance, education, and technical support. Relief Lieutenant Weiland serves as the president, Deputy Chief Dolens serves as the vice president, and Lieutenant Esker and Detective Parks serve on the executive board.

In June, Fire Investigators Dolens, Esker, and Weiland attended the International Association of Arson Investigators (Wisconsin Chapter) spring conference held in Stevens Point. This was a three day seminar which included training topics on: fire modeling, ventilation, and state and federal resources.

In November, Investigators Esker and Weiland attended the International Association of Arson Investigators (Wisconsin Chapter) fall conference. This was a three day seminar which included training topics on: electrical fire causation, complex fire scene investigations, and use of technology.

These and other conferences coordinate experience and education to develop the skills and expertise necessary to accurately determine the origin and cause of a fire. Determining cause and origin helps to promote the development of improved fire prevention codes and practices and also helps secure the conviction of arsonists thus, making our community safer.

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**MARSHFIELD**

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**Robert P. Haight III**  
Fire Chief

## FIRE & RESCUE DEPARTMENT

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### MEMORANDUM

TO: Robert P. Haight III, Fire Chief

FROM: Roy Dolens, Deputy Fire Chief

DATE: January 18, 2015

SUBJECT: 2014 Hazardous Incident Response Program

The world we live in has become more and more hazardous. Each year thousands of new chemicals are developed. Current inventories number in hundreds of thousands of known chemicals.

The city of Marshfield has three major highways, three pipelines, one railway, and one airport. Each train car or tractor trailer you see with a diamond shaped placard alerts everyone to the fact that a potential for an accidental release exists. Several facilities utilize radioactive isotopes.

The Marshfield Fire and Rescue Department Hazardous Materials Response Team celebrated its twenty-first anniversary in 2014. October 1, 2014 the new Wisconsin Hazmat System went online. Marshfield is a Level III Team for the State of Wisconsin. This partnership with the state has provided additional funding and training for our team plus increased the resources available statewide. The team is also contracted to provide Level B response in conjunction with Wisconsin Rapids Fire Department to all of Wood County. During 2014 the department responded to thirty potential incidents, twenty-one spills (mostly petroleum based from vehicle accidents), and also mitigated eight chemical emergencies.

In 1998, Marshfield Fire and Rescue implemented a Confined Space Rescue Team whose original focus was primarily confined space rescues but continues to be expanded to include most technical rescues (elevated extrication, trench, and collapse). Several businesses in Marshfield enter confined spaces as part of normal operations. The confined space rescue team is required by OSHA whenever employees enter a defined confined space.

In 2014, the team upgraded to a new incident management software for hazmat called PEAC. The new software has an exhaustive database of chemicals. It features plume and explosion modeling software that provides rapid hazard zone identification and allows this information to be shared with other responders in a short amount of time via text or email message.

This enhances the safety of responders and the general public. Crews were trained on the software in October.

2014 saw the addition of a second photoionization detector. This detector is used for volatile organic compounds and utilizes addition sensors for chlorine and hydrogen cyanide.

Thanks in large part to the additional state funding, the department was able to send eight hazmat technicians to the annual Wisconsin Association of Hazmat Responders (WHAMR) conference in Wisconsin Dells. Deputy Chiefs Dolens and Clements now sit on the Wisconsin Hazmat System Coordinators work group.

Deputy Chief Clements was selected to attend SERTC Crude Oil by Rail Petroleum Emergency training in Colorado Springs, CO. The training center is the largest in the country and utilizes actual rail cars. The cost to attend was funded by Canadian National Railroad.

2014 Hazardous Incident Response Personnel

Department personnel trained to Hazmat Awareness Level.....36  
Department personnel who completed the E.P.A. Technician Level Course.....34  
Department personnel who completed Confined Space Rescue and Ropes Rescue Training.....31

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## **FIRE & RESCUE DEPARTMENT**

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### **MEMORANDUM**

**TO:** Robert P. Haight III, Fire Chief

**FROM:** Craig DeGrand, Deputy Fire Chief

**DATE:** January 1, 2015

**SUBJECT:** 2014 Summary of Emergency Operations Group

On July 27, 1999 the Common Council adopted Resolution 99-62 which resulted in the Marshfield Fire and Rescue Department being responsible for the city's Emergency Operation Plan. Section 1 of the resolution states... "That the City of Marshfield adopts the Emergency Operation Plan as written by the Marshfield Fire and Rescue Department"... . The Emergency Operation Plan is updated annually with updates being sent out in April to all plan holders.

The Emergency Operations Group is made up of different department heads throughout the city and some outside agencies like the Marshfield School District, Mid-State Technical College, Ministry Saint Joseph's Hospital, Marshfield Clinic, and others. The Emergency Operations Group is responsible for developing the annual disaster drills that are conducted. The intent of the drill is to show all city agencies just how taxing a disaster would be locally and if we would need help from the county, the state, and/or the federal government (FEMA).

In 2014 the Emergency Operations Group conducted a functional drill that required plan participants to be involved. The functional drill was put on by Pre-Emergency Planning, LLC with a grant from Wisconsin Emergency Management that was applied for through Wood County Emergency Management. The drill scenario was an active threat at Marshfield Senior High School. The "threat" was a simulated shooter who gained access to the school and started shooting fellow students. The shooter eventually took his own life before being subdued by the police. This incident showed the need for better communication between all involved entities. We also found out that certain groups could not talk to each other when they were in the same building together causing huge problems for law enforcement. Another area of concern was the lack of protective gear for fire fighters entering the "warm zone" to assist victims of such an incident. The fire department has started to get gear for this type of incident but is not quite there yet. This drill did make outside agencies talk with officials in the EOC as they were developing their own plans without talking with anyone in the EOC. Overall the drill went well. We are looking forward to 2015 and continually preparing for all types of emergencies.

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**MARSHFIELD**

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Fire Chief

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## **FIRE & RESCUE DEPARTMENT**

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### **MEMORANDUM**

**TO:** Robert P. Haight III, Fire Chief

**FROM:** Craig DeGrand, Deputy Fire Chief

**DATE:** January 1, 2015

**SUBJECT:** 2014 Training Overview

The training for 2014 consisted of various fire and emergency medical service (EMS) training that is required for all personnel. Continued training in department operations highlighted fire training. A constant training focus is the training of all current employees.

A specific area of fire training for 2014 was the PEAC software for hazardous materials identification. We were able to bring a representative from the company to the department to train department members on how to use it. This software has multiple uses that can be shared with other agencies in the city.

A specific area of EMS training for 2014 was the Rescue Task Force training that was attended by department personnel and will be taught to the remaining department personnel in 2015. This training will teach personnel how to enter "warm zones" during an active threat situation with police protection. Department personnel also continue to keep up to date on the changes that are being made in the medical field.

We still continue to work with area technical colleges by allowing their EMT students to ride along with our department. The students are able to gain valuable skills and knowledge in this field while still being in school.

Department personnel completed a total of 4,097 hours of training in 2014.

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## **FIRE & RESCUE DEPARTMENT**

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### **MEMORANDUM**

**TO:** Robert P. Haight III, Fire Chief

**FROM:** Craig DeGrand, Deputy Fire Chief

**DATE:** January 1, 2015

**SUBJECT:** 2014 Summary of Apprenticeship Training Program

In January of 1981, the Apprenticeship Training Program for the Marshfield Fire and Rescue Department was put into service. This is a training program that was implemented by this department, with classes planned and records kept by the officers. This program is in accordance and cooperation with the Joint Council of Fire Service Organizations, the National Fire Protection Association of Fire Fighters Qualification Committee, the Bureau of Apprenticeship and Training, and the U. S. Department of Labor.

This training program operates in the following manner. All new entry level fire fighters, having successfully met all entrance requirements as established by the City of Marshfield Police and Fire Commission, would be required to serve and successfully complete the three year apprenticeship program. This includes on the job learning experiences and related technical instruction. This program has served as an excellent method of sharpening the skills of our current fire fighters.

Our Apprenticeship Committee has periodic meetings to evaluate the program. At present, Deputy Chief Craig DeGrand, Deputy Chief Scott Owen, Fire Fighter Pete Fletty, and Fire Fighter Jason Foth staff the committee.

Progress during 2014 was as follows:

- \* On September 30, 2014 Fire Fighter/Paramedic Bronson Weyrauch to Fire Fighter 1.
- \* On October 14, 2014 Fire Fighter/Paramedic Cody Thornberg to Fire Fighter 1.

There were two fire fighters indentured into the apprenticeship program during 2014, they are Fire Fighter/Paramedic Matthew Karnowski and Fire Fighter/Paramedic Jeni Sadauskas.

# AMBULANCE STATISTICS

## 2014 Patient Contacts

Month	Number of Patients	Loaded Miles	Accounts Receivable
January	223	745.60	\$108,057.42
February	176	799.50	\$84,168.18
March	191	853.31	\$90,954.36
April	204	785.10	\$97,812.20
May	211	952.70	\$95,461.18
June	170	689.40	\$80,493.04
July	215	970.50	\$100,610.76
August	225	1,143.00	\$107,306.30
September	203	957.90	\$92,930.96
October	181	970.00	\$82,085.60
November	234	1,342.60	\$116,407.80
December	243	1,195.10	\$116,835.18
Total	2,476	11,404.71	\$1,173,122.98

## Number of Patient Transports

	<u>2014</u>	<u>2013</u>	<u>2012</u>
City of Marshfield	1547	1553	1563
Wood County Calls/Less City	385	322	286
Neo-natal Calls	19	22	21
Other County Calls	54	52	50
Out of Service Area	23	27	22
Intercepts	41	63	58
TOTAL	2069	2039	2000

## AMBULANCE STATISTICS

### 2014 EMS Runs by District/Type

	Total Contacts*	Total Transport Miles
City of Marshfield	1,874	3,750.9
Township of Auburndale	34	200.21
Township of Cameron	26	94.5
Township of Fremont	21	245.7
Township of Lincoln	26	162.5
Township of Marshfield	38	202.8
Township of McMillan	36	164.4
Township of Milladore	20	189.7
Township of Richfield	164	1,994.1
Township of Rock	22	200
Township of Sherry	10	155.5
Village of Auburndale	22	230.8
Village of Hewitt	18	82.1
Village of Milladore	5	138.3
Out of Service Area	23	295.9
Intercepts	41	549.1
No Pick Ups	486	1,989.2
Neo-natal	19	1,308.1
TOTAL	2,885	11,404.71

Total Miles Assigned to Runs 11,404.71

\* Total contacts may include multiple patients under one incident (e.g., car accident with multiple people involved)

# Marshfield Fire and Rescue Department

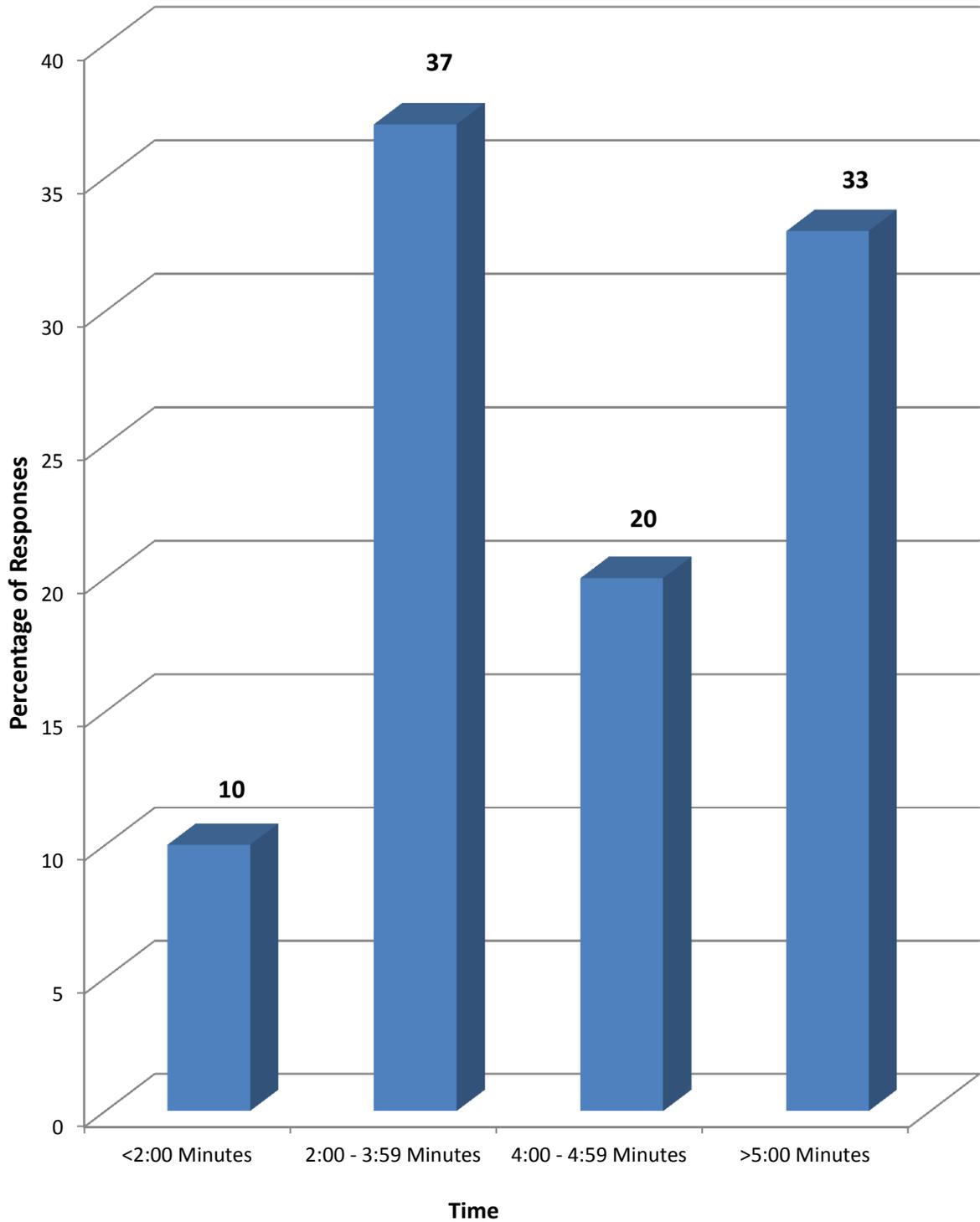
## 2014 Ambulance Response Statistics

<u>Causes</u>	<u>Incidents</u>
311 – Medical assist, assist EMS crew	7
321 – EMS call, excluding vehicle accident with injury	2,241
3210 – Peds Critical Care Transport with transport team	2
3211 – ALS Intercept, excluding vehicle accident	41
3212 – Neonatal Transport	17
3213 – Assist SNF (skilled nursing facility) with ALS skill	1
322 – Vehicle accident with injuries	70
3221 – MVC-ALS Intercept	5
323 – Motor vehicle/pedestrian accident	6
324 – Motor vehicle accident with no injuries (No Ambulance)	4
381 – Rescue or EMS Standby	3
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>2,397</b>
512 – Ring or jewelry removal	1
550 – Public service assistance, other	1
552 – Police Matter	1
554 – Assist invalid	4
<b>Total - Service Call</b>	<b>7</b>
611E – EMS: Dispatched & cancelled en route	47
622 – No incident found on arrival at dispatch address	9
<b>Total - Good Intent Call</b>	<b>56</b>
740 – Unintentional transmission of alarm, other	16
<b>Total - False Alarm &amp; False Call</b>	<b>16</b>
<b>Total <u>Ambulance</u> Responses for 2014</b>	<b>2,476</b>

# Marshfield Fire and Rescue Department

## Ambulance Emergency Response - Percentage of Calls by Minutes

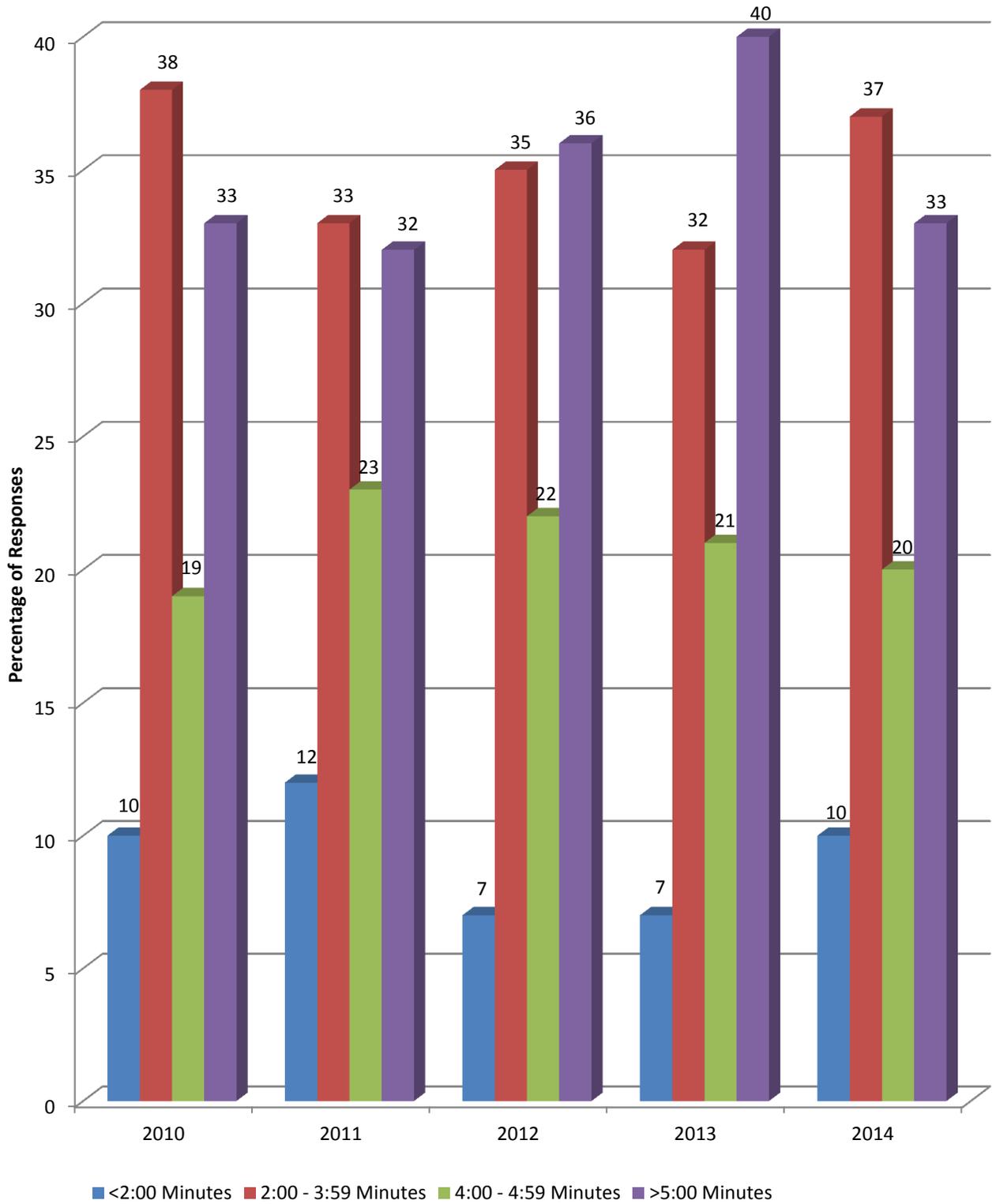
### City of Marshfield 2014



# Marshfield Fire and Rescue Department

## Ambulance Emergency Response - Percentage of Calls by Minutes

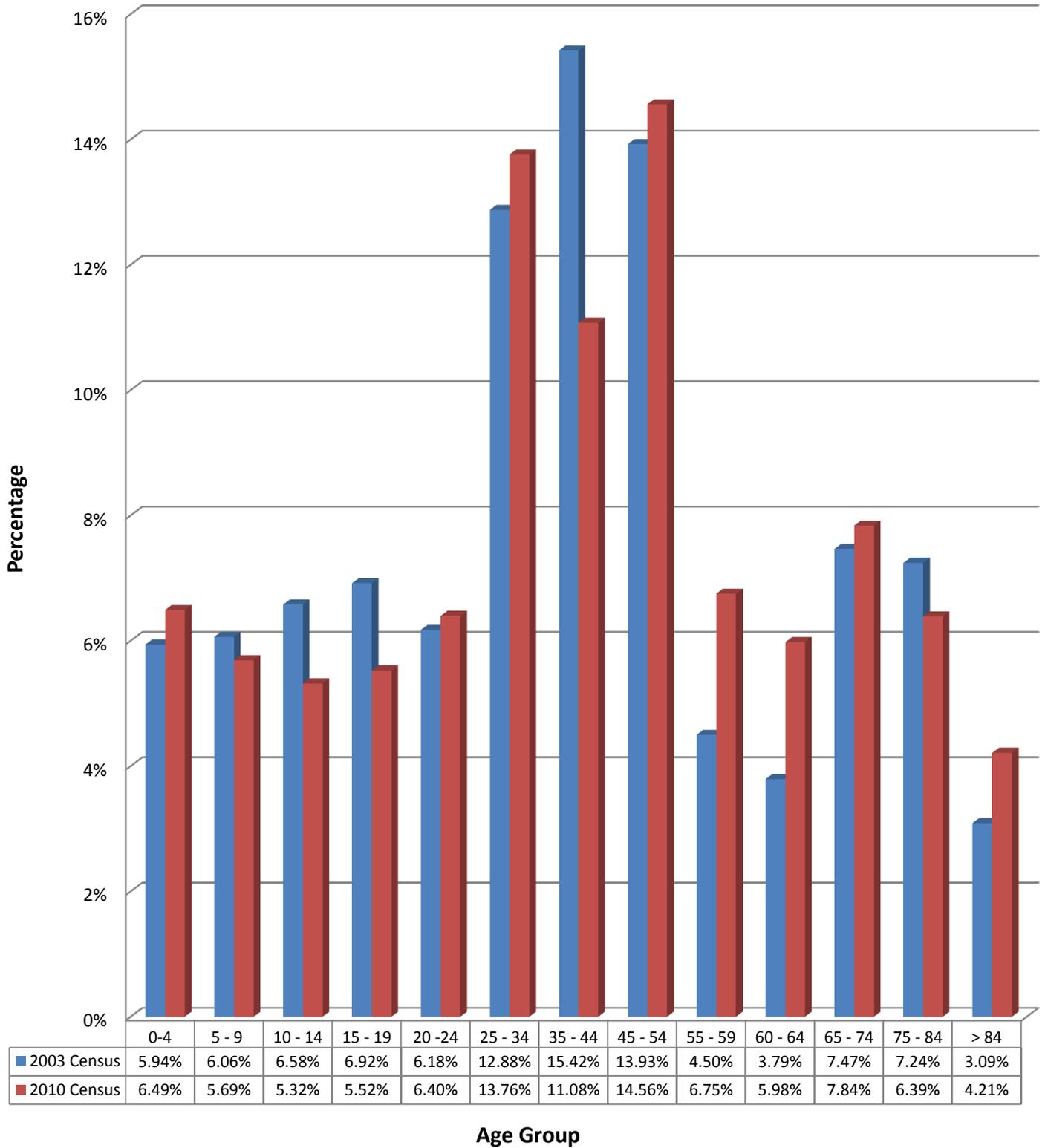
### City of Marshfield 2010 – 2014



# Marshfield Fire and Rescue Department

## Marshfield Area Population by Percentage of Age

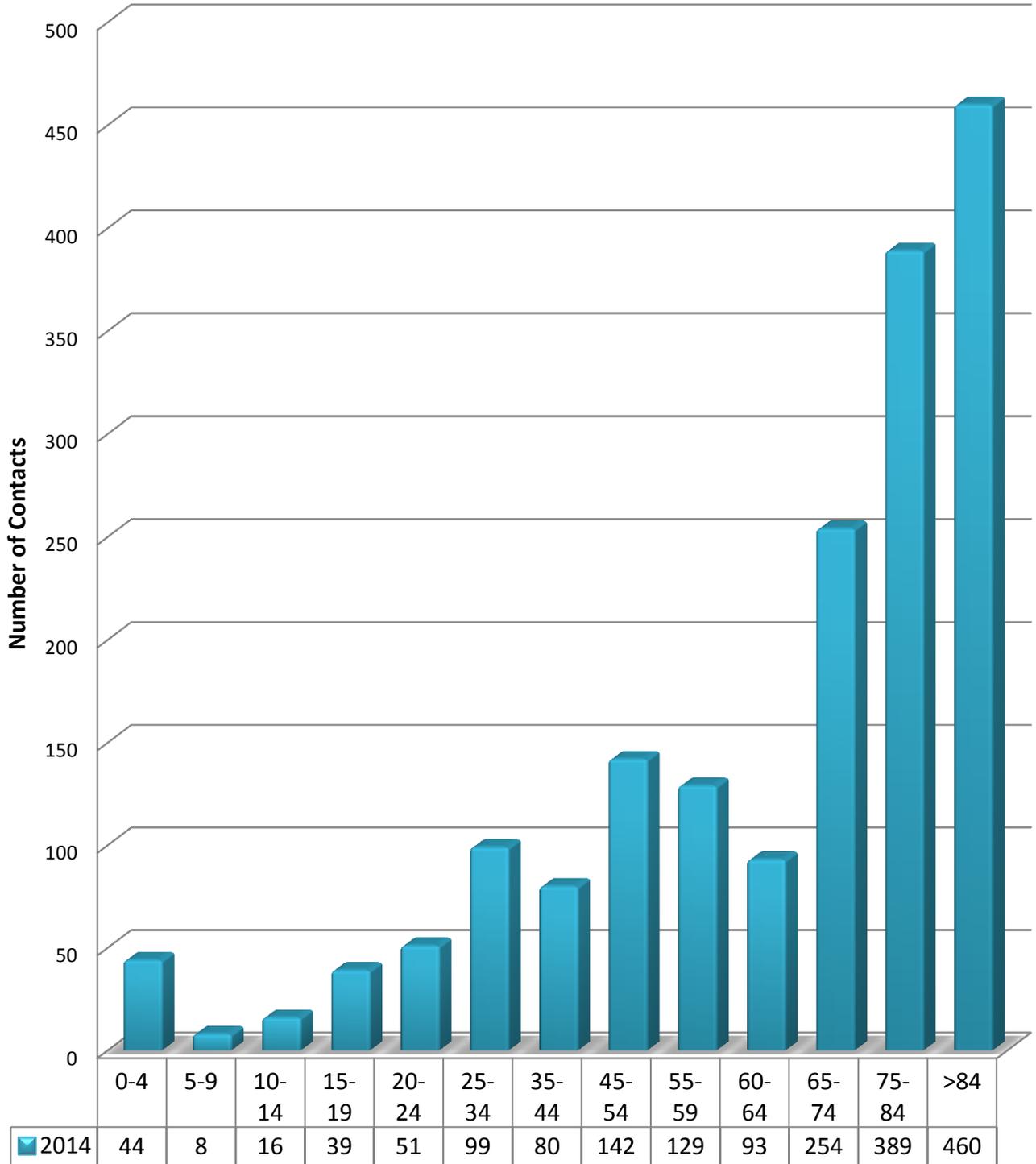
Source: US Census Bureau



# Marshfield Fire and Rescue Department

## 2014 Ambulance Contacts by Age Group

(Does not include Citizen's Assist)

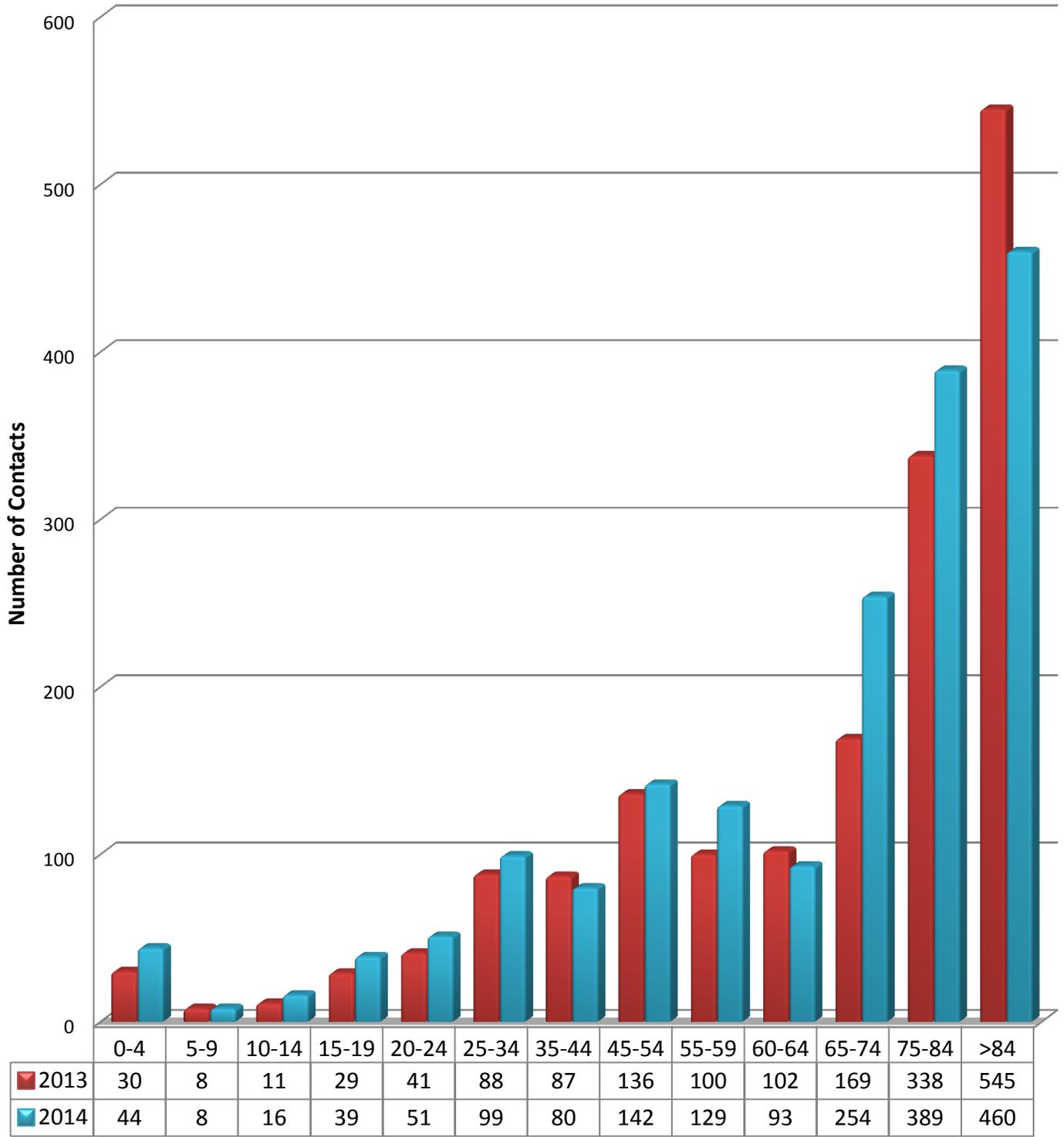


2014

# Marshfield Fire and Rescue Department

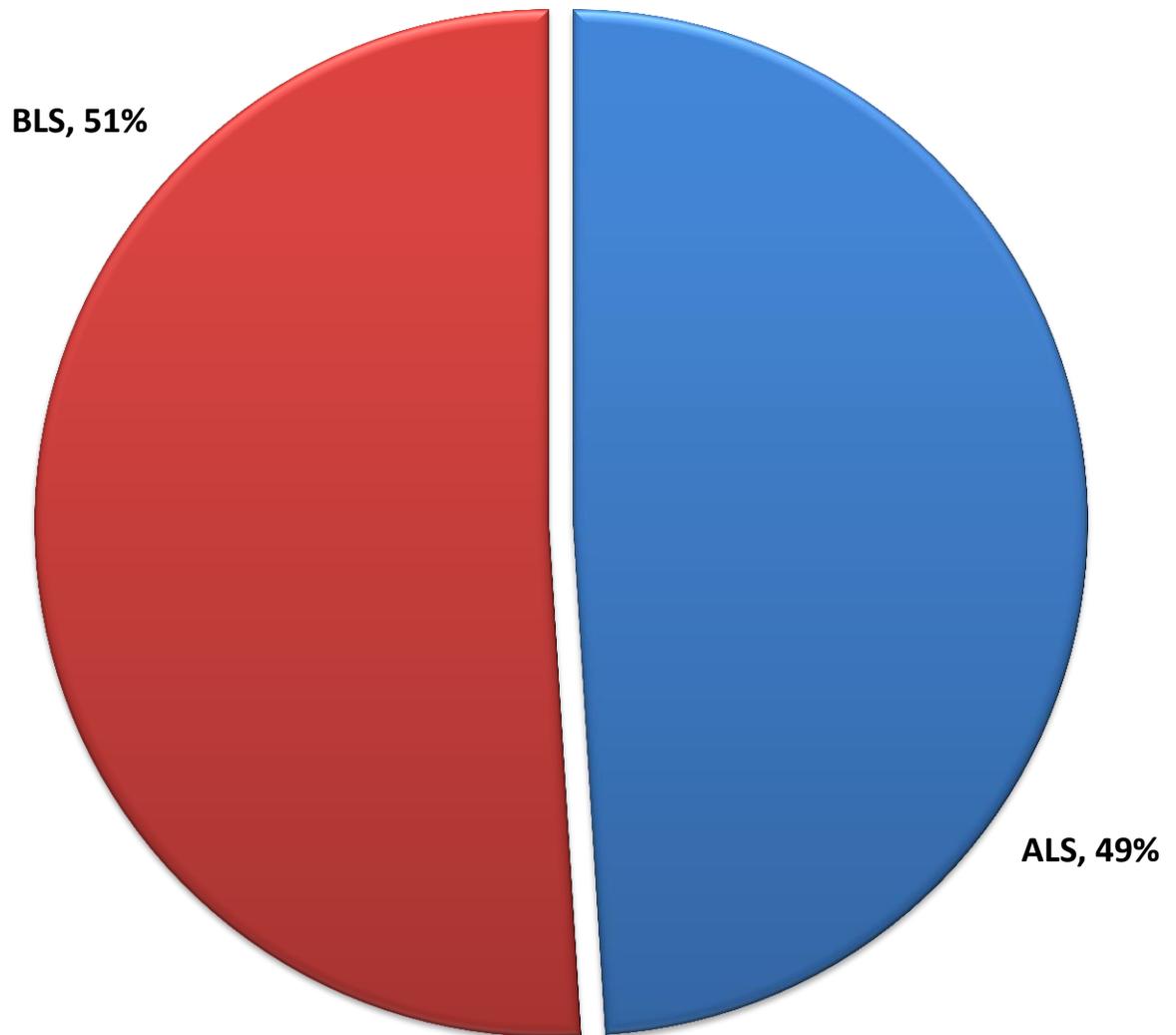
## 2013 to 2014 Ambulance Contacts by Age Group Comparison

(Does not include Citizen's Assist)



■ 2013      ■ 2014

## Marshfield Fire and Rescue Department Patient Level of Care Provided in 2014



■ ALS ■ BLS

ALS – Advanced Life Support (Paramedic-level Care)  
BLS – Basic Life Support (Patient Care Other Than Paramedic)

2014

YEARLY FIRE INSPECTIONS

<u>Establishments</u>	<u>Inspect</u>	<u>Violations</u>	<u>Corrections</u>
Chapter 54 - Factory/Mercantile	1455	709	630
Chapter 55 - Assembly > 100 Capacity	100	68	58
Chapter 56 - Schools, Libraries	38	29	18
Chapter 57 - Residential	348	143	143
Chapter 58 - Health Care	18	11	10
Chapter 59 - Hazardous Occupancies	166	68	73
Chapter 60 - Child Day Care	16	6	7
Chapter 61 - CBRF – Over 8 Persons	22	10	7
Chapter 62 - Special Occupancies	2	0	0
Assembly - A-1, A-2, A-3, A-4, & A-5	34	23	23
Business - Group B	144	51	41
Educational - Group E	5	3	1
Factory & Industrial - F-1 & F-2	6	3	1
High Hazard - H-1, H-2, H-3, H-4, & H-5	0	0	0
Institutional - I-1, I-2, I-3, & I-4	11	6	5
Mercantile - Group M	47	27	24
Residential - R-1, R-2, R-3, & R-4	73	12	7
Storage - Groups S-1 & S-2	28	3	7
Utility - Groups U	1	0	0
	<hr/>	<hr/>	<hr/>
<b>2014 TOTALS</b>	<b>2514</b>	<b>1172</b>	<b>1055</b>

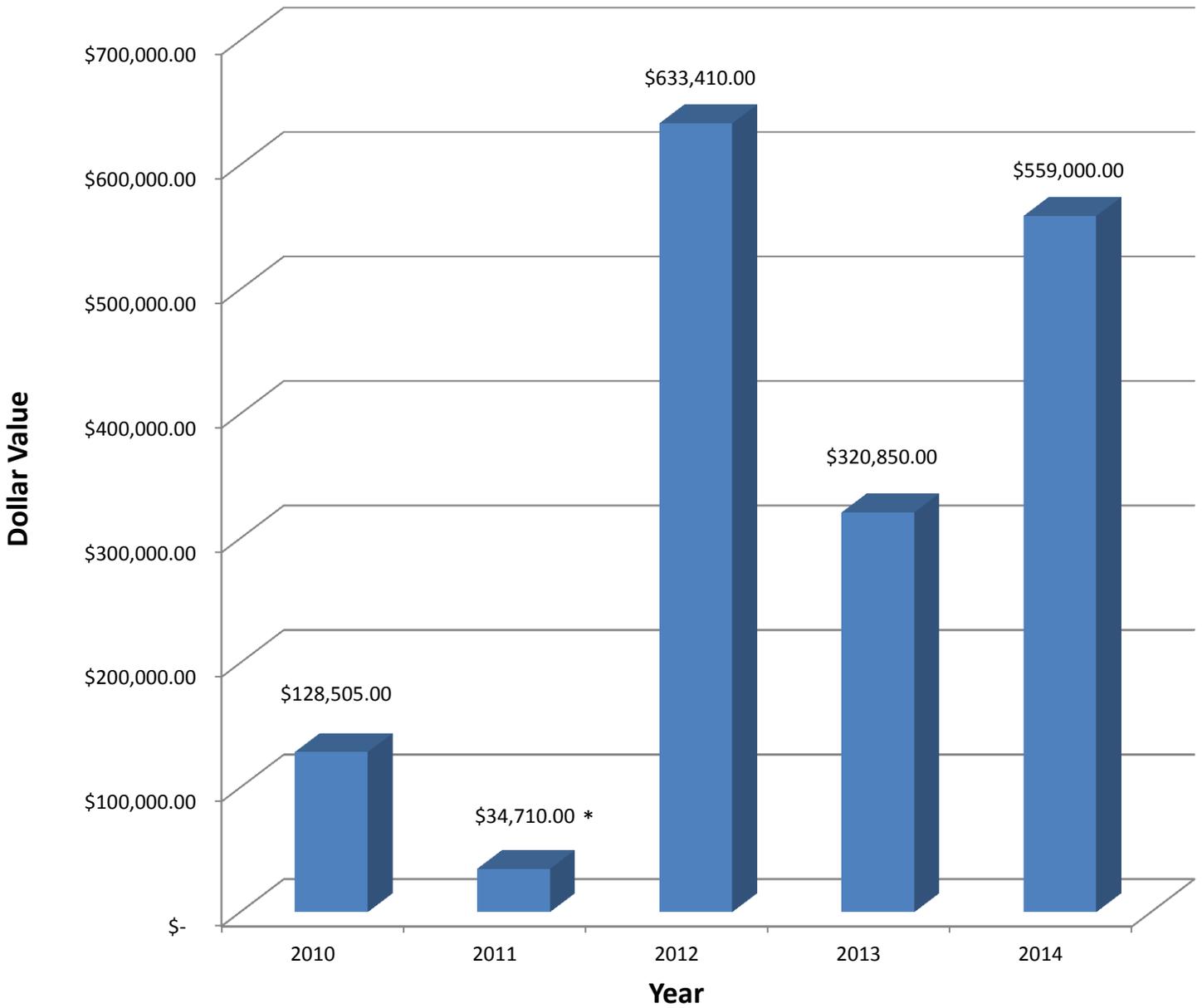
# Marshfield Fire and Rescue Department

## 2014 Causes of Fire Alarms – City of Marshfield

<u>Causes</u>	<u>Incidents</u>
111 – Building fire	10
112 – Fires in structures other than in a building	1
113 – Cooking fire, confined to container	5
114 – Chimney or flue fire, confined to chimney or flue	5
118 – Trash or rubbish fire, contained	1
121 – Fire in mobile home used as a fixed residence	1
131 – Passenger vehicle fire	9
132 – Road freight or transport vehicle fire	1
142 – Brush, or brush and grass mixture fire	1
150 – Outside rubbish fire, other	2
151 – Outside rubbish, trash or waste fire	1
170 – Cultivated vegetation, crop fire, other	1
<b>Total - Fires</b>	<b>38</b>
221 – Overpressure rupture of air or gas pipe/pipeline	1
<b>Total – Overpressure Rupture, Explosion, Overheat-no fire</b>	<b>1</b>
324 – Motor vehicle accident with no injuries (No Ambulance)	4
353 – Removal of victim(s) from stalled elevator	5
<b>Total - Rescue &amp; Emergency Medical Service Incidents</b>	<b>9</b>
411 – Gasoline or other flammable liquid spill	3
412 – Gas leak (natural gas or LPG)	25
413 – Oil or other combustible liquid spill	1
422 – Chemical spill or leak	1
4221 – Chemical spill or leak (Vehicle fluids not gasoline)	8
4241 – No Carbon monoxide found	20
4242 – Carbon monoxide found < 35 ppm	4
4243 – Carbon monoxide found > 35 ppm no transport	5
440 – Electrical wiring/equipment problem, other	2
445 – Arcing, shorted electrical equipment	2
463 – Vehicle accident, general cleanup	2
<b>Total - Hazardous Conditions (No fire)</b>	<b>73</b>
531 – Smoke or odor removal	3
550 – Public service assistance, other	1
551 – Assist police or other governmental agency	2
552 – Police Matter	2
553 – Public service	10
561 – Unauthorized burning	1
571 – Cover assignments, standby, moveup	1
<b>Total - Service Call</b>	<b>20</b>

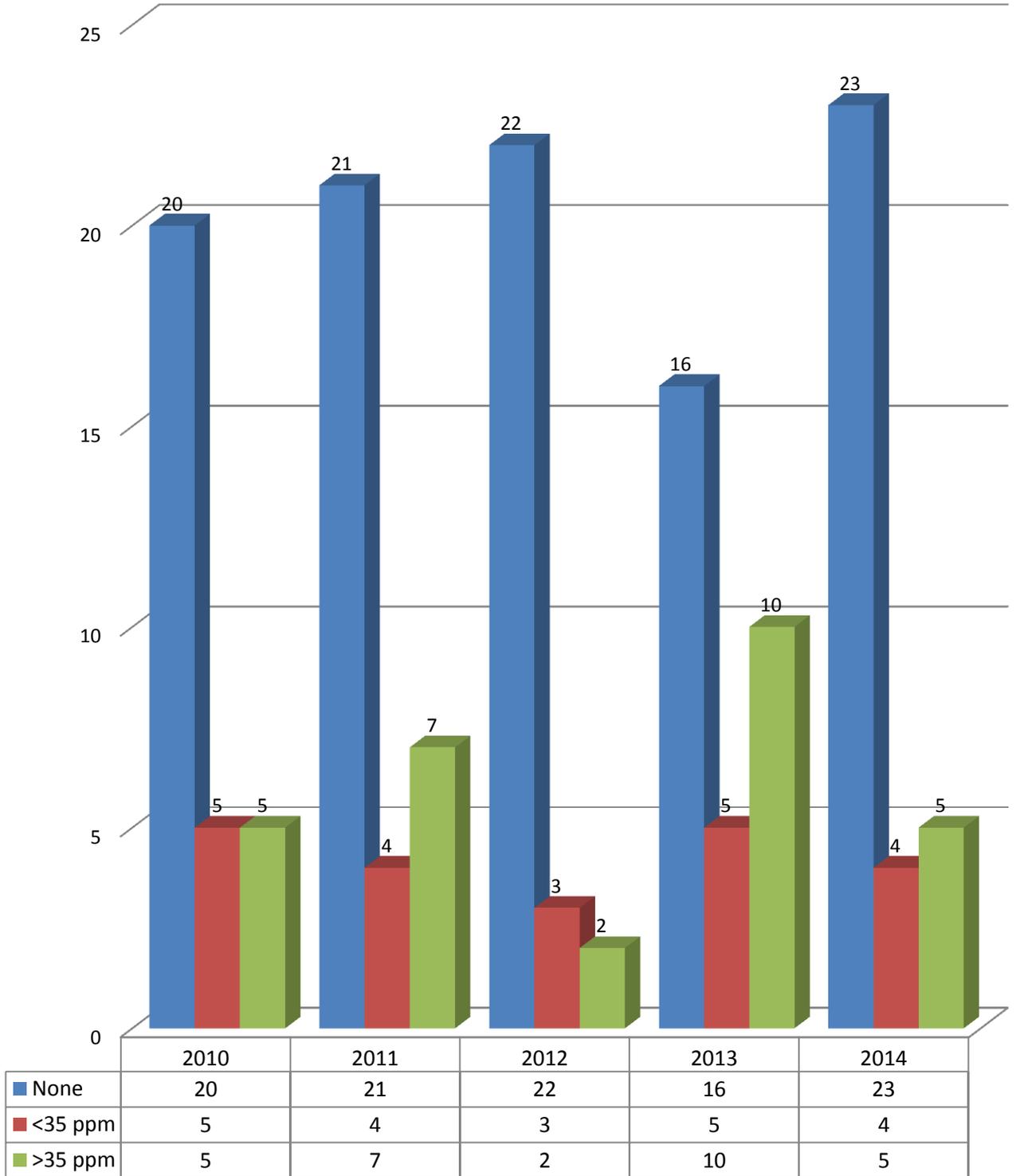
611 – Dispatched & cancelled en route	3
622 – No incident found on arrival at dispatch address	2
631 – Authorized controlled burning	1
650 – Steam, other gas mistaken for smoke, other	1
651 – Smoke scare, odor of smoke	7
652 – Steam, vapor, fog or dust thought to be smoke	1
653 – Barbeque, tar kettle	1
<b>Total - Good Intent Call</b>	<b>16</b>
710 – Malicious, mischievous false call, other	3
714 – Central station, malicious false alarm	4
715 – Local alarm system, malicious false alarm	2
730 – System malfunction, other	1
731 – Sprinkler activation due to malfunction	4
732 – Extinguishing system activation due to malfunction	1
733 – Smoke detector activation due to malfunction	2
734 – Heat detector activation due to malfunction	2
735 – Alarm system sounded due to malfunction	10
736 – CO detector activation due to malfunction	2
740 – Unintentional transmission of alarm, other	25
741 – Sprinkler activation, no fire - unintentional	3
743 – Smoke detector activation, no fire - unintentional	9
744 – Detector activation, no fire - unintentional	4
745 – Alarm system sounded, no fire - unintentional	13
746 – Carbon monoxide detector activation, no CO	1
<b>Total - False Alarm &amp; False Call</b>	<b>86</b>
900 – Special type of incident, other	2
911 - Citizen complaint	4
<b>Total - Special Incident Type</b>	<b>6</b>
<b>Total <u>Fire</u> Responses for 2014</b>	<b>249</b>
<b>Total <u>EMS</u> Responses for 2014</b>	<b>2,476</b>
<b>Total <u>Department</u> (Ambulance and Fire) Responses for 2014</b>	<b>2,725</b>

# Marshfield Fire and Rescue Department Fire Loss Comparison 2010 - 2014

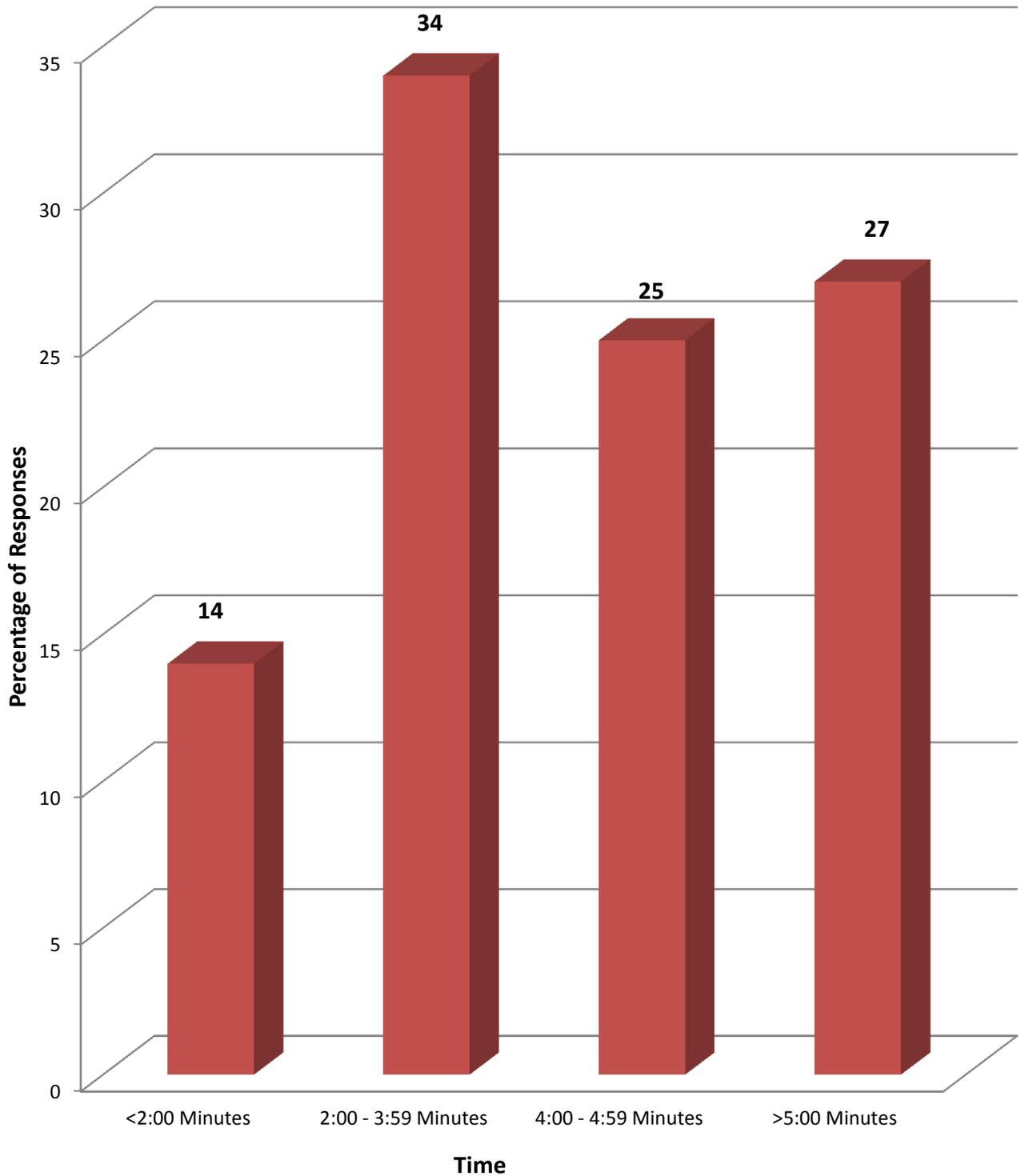


\* Does not reflect \$5,000,000.00 loss to Marshfield Door Systems on 7/11/2011 due to rupture of a pressure vessel.

# Marshfield Fire and Rescue Department Carbon Monoxide Incidents 2010 - 2014



**Marshfield Fire and Rescue Department**  
Fire Emergency Response - Percentage of Calls by Minutes  
City of Marshfield 2014



2014

APPARATUS VALUE AND DEPRECIATION SCHEDULE

<u>Vehicle</u>	<u>Assigned</u>	<u>Original Cost</u>	<u>Date Purchased</u>	<u>Dep. % Factor</u>	<u>Book Value</u>	<u>Retire In</u>
Smeal 1250 GPM Pumper	E-3	\$85,205	11/13/85	6.67%	\$0	2006
Smeal Engine/Quint	E-1	\$573,122	06/04/13	6.67%	\$521,700	2034
Pierce 1250 GPM Pumper/ 61' Water Tower	E-4	\$404,220	04/10/01	6.67%	\$26,948	2022
Spartan GPM Pumper	E-2	\$363,848	03/19/08	6.67%	\$198,094	2029
Pierce 100' Aerial Ladder Platform	TR-1	\$440,188	02/04/93	20%	\$0	2013
Hazmat 1 Rescue Squad	Squad 1	\$161,980	12/31/04	6.67%	\$69,687	2029
Ford Medtech Ambulance	Amb. 96	\$114,579	10/01/04	8.33%	\$21,151	2016
Ford Foster Coach Ambulance	Amb. 97	\$130,207	02/14/11	8.33%	\$94,083	2023
Chevy Marque Ambulance	Amb. 98	\$133,730	01/31/07	8.33%	\$57,948	2019
Ford Braun Ambulance	Amb. 99	\$154,050	12/02/13	8.33%	\$142,229	2026
Ford F250	Car 6	\$36,389	02/07/06	20%	\$5,317	2016
Ford F150 XLT Crew Cab	Car 7	\$24,981	04/06/11	20%	\$9,055	2021

2014

APPARATUS MECHANICAL AND MAINTENANCE REPORT

<u>Year and Model</u>	<u>Type</u>	<u>2014 Miles</u>	<u>2014 Run/Hours</u>	<u>Total Run/Hours</u>	<u>Total Mileage</u>
2013 Smeal Engine 1	Diesel 1500 GPM Pumper	1,350	204	566	10,821
2007 Challenger Engine 2	Diesel 1500 GPM Pumper	2,125	253	1,656	16,716
1986 Ford Engine 3	Diesel 1250 GPM Pumper	778	0	4,244	45,136
2001 Ford Engine 4	Diesel 1250 GPM Pumper / 61' Water Tower	165	21	3,247	28,133
1993 Pierce Truck 1	100' Aerial Platform	489	104	3,005	13,749
2004 Sterling Acterra Squad 1	Medium Duty Rescue	100	27	414	2,104
2004 Ford Ambulance 96	Module, Type III	7,164	N/A	N/A	67,926
2009 Ford Ambulance 97	Module, Type III	5,360	N/A	N/A	50,748
2006 Chevrolet Ambulance 98	Module, Type III	706	N/A	N/A	68,832
2014 Ford Ambulance 99	Module, Type III	16,194	N/A	N/A	16,194
2005 Ford F-250 Pickup	Station Car 6	4,326	181	1,635	44,191
2011 Ford F-150 Pickup	Station Car 7	17,333	N/A	N/A	54,062