

WARREN FIRE DEPARTMENT



2014 Annual Report



"... to protect and serve the people of Warren ..."

March 20, 2015



The Honorable James R. Fouts
Mayor

RE: 2014 Annual Report

Mayor Fouts,

WARREN FIRE DEPARTMENT

23295 Schoenherr
Warren, MI 48089
(586) 756-2800
www.cityofwarren.org

The responsibilities of the Fire Commissioner encompass providing an annual report to elected officials as mandated by the City Charter. I hereby submit the Fire Department Annual Report for the year ending December 31, 2014.

During 2014 the department responded to 16,547 alarms for the year representing an increase of 1,034 incidents or a 7% increase over 2013 totals. Of these responses, 11,284 were emergency medical incidents representing 68% of all emergency incidents responded to by the department. The department also responded to three hundred twenty-one (321) fire incidents of all types during the year with the remainder of responses classified as general responses and totaling four thousand nine hundred forty-two (4,942) incidents. Total incident responses for all companies amounted to 30,530 alarms requiring emergency responses from fire apparatus of all types depending upon the type of incident reported and responded to. There were ten (10) reportable civilian injuries and one (1) civilian fatality during the year as well as thirty-three (33) serious injuries to firefighters resulting in 47 lost duty days of work or 1,128 total hours that firefighters were unavailable for assignment.

Estimated fire losses for the year 2014 exceeded \$3.9 million dollars in real property losses and \$1.5 million in personal property losses during the year. There were twenty-eight (28) fires where the estimated total loss was greater than \$25,000.00 of, which five (5) exceeded \$100,000.00 in real property losses. The most significant fire incidents during 2014 occurred on July 12, 2014, at 22001 Hoover with the business name of Metro Sanitation Transfer Station and on September 10, 2014, at 31502 Schoenherr with the business name of Williamsburg East Apartments. On the Metro Sanitation fire, the department was dispatched to a report of a building fire at this location. Fire crews arrived to find the transfer station structure fully involved in fire creating large amounts of smoke and other products of combustion. The transfer station structure was approximately 75 feet wide 600 feet long and 125 feet tall and fully involved in fire. Fire crews were able to extinguish most of the fire within 24 hours however fire crews remained on the scene for the next two (2) days extinguishing hot spots and performing air quality monitoring. On the Williamsburg East apartment fire, fire crews responded to a report of fire in an apartment with residents trapped on upper floors of the apartment building. Fire crews arrived to find heavy smoke and fire venting from the front and rear of the structure. The fire was contained to the structure of origin however there was significant fire, smoke and water damage to multiple units temporarily displacing four (4) families from their apartments. The most significant event affecting the fire department was the flood of August 11, 2014. The department responded to greater than three hundred (300) incidents of all types including multiple electrical fires and victims trapped in cars, homes and businesses including the rescue of approximately ninety (90) victims who were trapped at Buddy's Pizza on Van Dyke at Chicago. As a result of the flooding event the department suffered moderate to severe damage to our apparatus fleet and extensive damage to twenty-two (22) monitors and other equipment, which thus far has required replacing our entire fleet of front

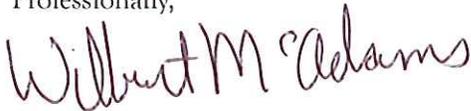
line EMS transport squads at a cost of \$726,000.00 and approximately \$180,000.00 to replace twenty-two (22) monitors. The department is currently awaiting a determination by FEMA regarding the potential need to replace our heavily water damaged Heavy Rescue at an estimated cost of \$650,000.00.

On a more positive note, the department was awarded an Assistance to Firefighter Grant (AFG) in the amount \$62,250.00 which will be used to purchase personal protective equipment (PPE) for firefighters. Additionally, the departments EMS treatment and transport service continues to meet budget projections for revenue generation and as of December 31, 2014, total revenues generated are greater than \$11.8 million dollars which are being used by the City to offset operating costs of delivering city services. The SAFER grant that was awarded in December of 2012, and implemented in June of 2013, continues to meet expectations by eliminating station closures and apparatus and out of service, which improves the delivery of emergency and non-emergency service to residents and business owners. The SAFER grant also has allowed the department to reduce overtime costs by almost \$500,000.00 when compared to the previous fiscal year totals.

As Fire Commissioner, I would like to again recognize the men and women of the Warren Fire Department for continuing to uphold the finest traditions of the fire service. They do this in a manner which instills trust by the citizens and business owners of our community and as representatives of the department and the city of Warren. In addition, I would like to recognize the efforts of the administrative staff, including the efforts of Deputy Fire Commissioner and Deputy Fire Chief, as well as the Command Staff, who provides direct supervision and direction to the workforce. I would also like to acknowledge the efforts of the secretarial staff whom without their knowledge and dedication in performing the administrative functions which are critical to ensuring that the Fire Commissioner, command staff and all uniformed personnel are able to accomplish the department's mission of protecting the lives and property of the citizens, business owners and visitors to the great City of Warren Michigan.

I, as well as the entire workforce of the department, look forward to 2015 and the challenges it will present in continuing to deliver the high level of dedicated and professional services that the community has come to rely upon. I am also extremely confident that with the continued support of the Mayor and City Council the fire department will be able to protect the lives and property of residents, business owners and visitors to our community while also incorporating the vision of elected officials into evolving mission of the fire department in the most cost efficient and effective model possible.

Professionally,

A handwritten signature in dark ink that reads "Wilburt McAdams". The signature is written in a cursive, flowing style.

Wilburt McAdams
Fire Commissioner

WARREN FIRE DEPARTMENT

2014 Annual Report

Table of Contents

	<u>Page</u>
Guiding Principles	1
Organizational Structure	2
Personnel Changes.....	3
Primary Incident Response Report	4
Statistical Trends of the Last Decade.....	5
Fire Department Overtime.....	6
Analysis of Statistics	7
2014 Run Statistics.....	8
Station Run District Responses.....	9
Incidents by Day and Hour.....	10
Manpower Report	11
2014 Employee Run Totals	12-13
Mutual Aid Report.....	14-16
EMS Division.....	17-20
2014 EMS Transport Receipts.....	21-22
PCR Run Totals by Squad and Priority.....	23
2014 Patient Care Reports - Agency Run Statistics.....	24-28
Fire Prevention Division.....	29-31
2014 Fire Statistics	32-34
Fire Reports with Property Loss of \$25,000	35-38
Special Operations Division.....	39-41

2014 Annual Report

WARREN FIRE DEPARTMENT

Statements of Purpose

Mission Statement

The mission of the Warren Fire Department is to serve and protect the citizens of Warren and their property by providing a professional response in the areas of Fire Suppression, Emergency Medical Services, Hazardous Materials Incidents, Technical Rescue Incidents, Fire Prevention and Public Service.

Policy Statement

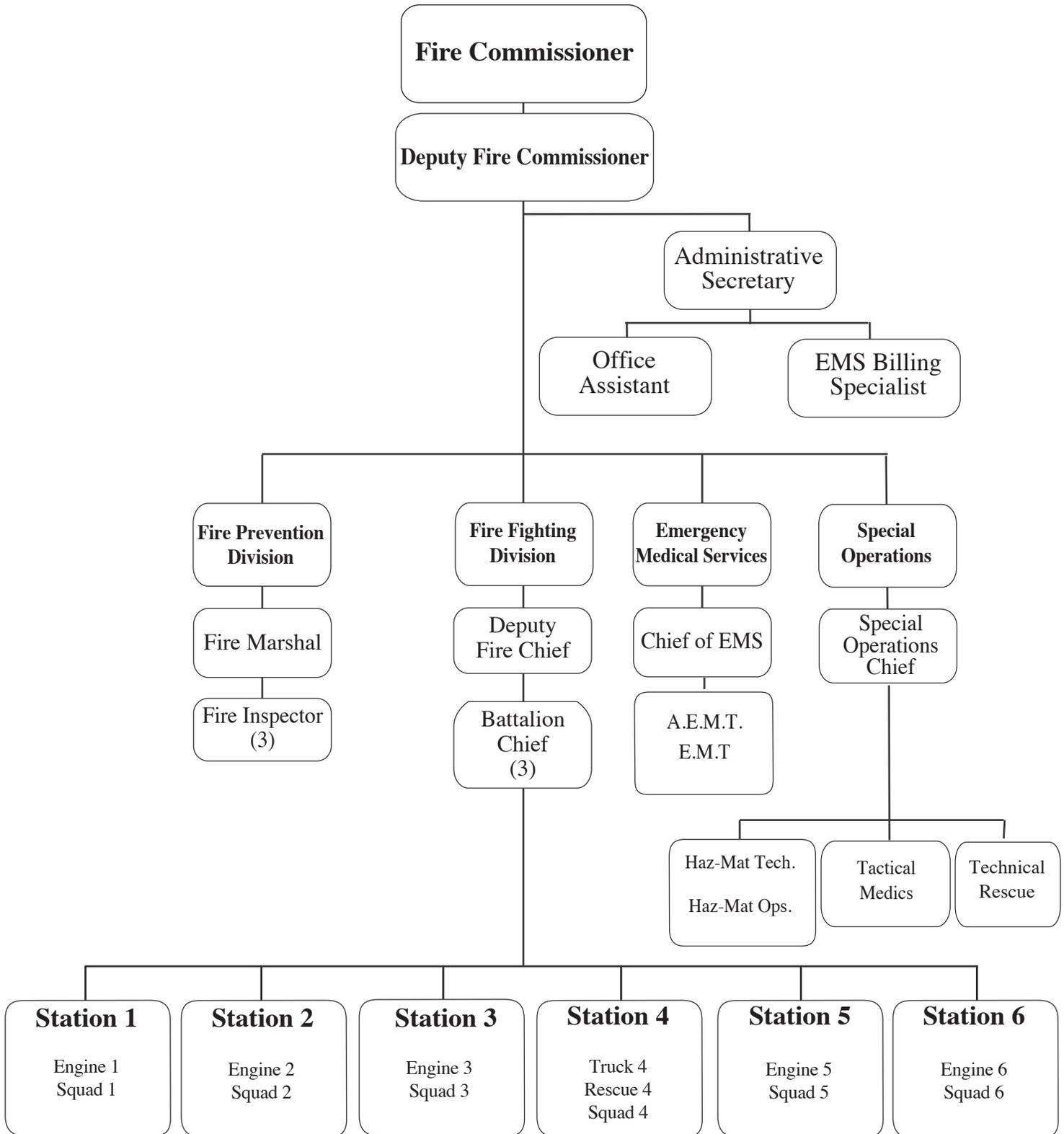
The Warren Fire Department will accomplish its mission by responding to any emergency situation which threatens Life, Safety, or Property. In cases where the Warren Fire Department is not the appropriate agency, is not capable of delivering the needed assistance, or if the situation is not a true emergency, an attempt will be made to place the caller in contact with the appropriate agency. The Warren Fire Department will dispatch the closest available unit or units with the capability to mitigate an emergency situation. The judgement of both dispatch and emergency personnel is an intergral part of the decision process.

Values Statement

1. **Service** - We will be responsive to the needs of our community working to provide high quality service in a respectful and courteous manner.
2. **Integrity** - Our actions and decisions will embody honor, ethics, truthfulness and trustworthiness.
3. **Safety** - We will endeavor to create and maintain a safe working environment for the members of our department and the citizens we encounter in our profession.
4. **Teamwork** - We will establish and maintain good working relationships within our department, with our mutual aid partners, and with other agencies we encounter in our service.
5. **Professionalism** - We endeavor to maintain high professional standards as we serve the citizens in our community, City of Warren and the Warren Fire Department through compliance with recognized policies, guidelines, rules and regulations.
6. **Development** - We will grow through high quality training and education on a daily basis, increasing our effectiveness by broadening our professional potential and encouraging future leaders from within our department.

WARREN FIRE DEPARTMENT

Organizational Structure - December 31, 2014



WARREN FIRE DEPARTMENT

2014 Annual Report

Personnel Changes

Effective January 5, 2014	
Firefighter Edward Elliott	Resigned
Effective February 3, 2014	
Fire Inspector Robert Hensley	Sergeant/AEMT
Effective February 24, 2014	
Firefighter/AEMT Deborah Blondheim	Fire Inspector
Effective March 3, 2014	
Sergeant/AEMT Amy Hart	Chief of EMS
Chief of EMS Mark Schimanski	Lieutenant
Effective March 10, 2014	
Probationary Firefighter Evan Mueller	Hired
Effective June 29, 2014	
Firefighter Christopher Jenuwine	Resigned
Effective June 30, 2014	
Firefighter George Reidt	Resigned
Effective August 11, 2014	
Probationary Firefighter Bradley Collinash	Hired
Effective September 15, 2014	
Probationary Firefighter Michael Reeves	Hired
Effective September 18, 2013	
Probationary Firefighter Michael Reeves	Resigned
Effective October 5, 2014	
Firefighter John Hendricks	Leave of Absence
Effective October 30, 2014	
Probationary Firefighter Frederick Klotzer III	Hired
Effective November 12, 2014	
FEO James Kazanowski	Firefighter
FEO David McClain	FEO

WARREN FIRE DEPARTMENT

2014 Annual Report

Primary Incident Response Report For the Year 2014

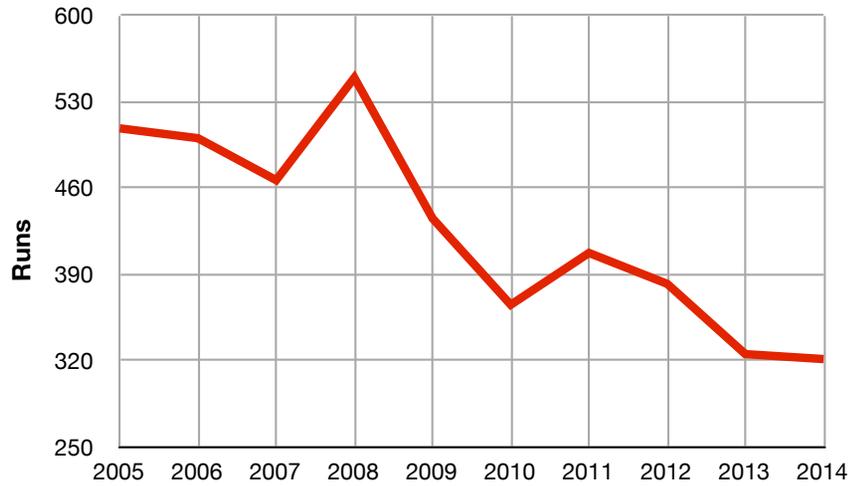
	Eng Co. 1	Eng Co. 2	Eng Co. 3	Eng Co. 4	Eng Co. 5	Eng Co. 6	Truck Co. 4	Rescue Co. 4	Squad 1	Squad 2	Squad 3	Squad 4	Squad 5	Squad 6	Utility 1	Utility 2	Utility 3	Utility 4	Utility 5	Fire Prev	BC	Total
1. Fire, Explosion With Fire, Crash With Fire	77	67	52	3	65	43	11	2	0	0	0	0	0	0	0	0	0	0	0	1	0	321
2. Overpressure, Rupture, Explosion (No Fire)	2	0	1	0	1	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
3. Rescue, Crash (No Fire), Emergency Care	1787	1575	1583	208	2213	1356	39	637	277	240	306	183	595	285	0	0	0	0	0	0	0	11284
4. Hazardous Condition	70	117	84	10	81	80	37	12	0	3	0	0	2	0	0	0	1	0	1	0	0	498
5. Public Service Call	333	276	300	43	455	311	29	106	36	18	30	6	54	40	4	2	6	1	0	0	0	2050
6. Good Intent Call	314	224	264	18	282	162	27	87	92	30	71	17	60	29	0	0	0	0	0	0	0	1677
7. False Alarm	92	129	101	12	161	104	76	14	1	1	1	2	7	5	0	0	0	0	0	0	1	707
8. Other Call	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Responses	2675	2388	2385	294	3258	2059	222	858	406	292	408	208	718	359	4	2	7	1	1	1	1	16547

WARREN FIRE DEPARTMENT

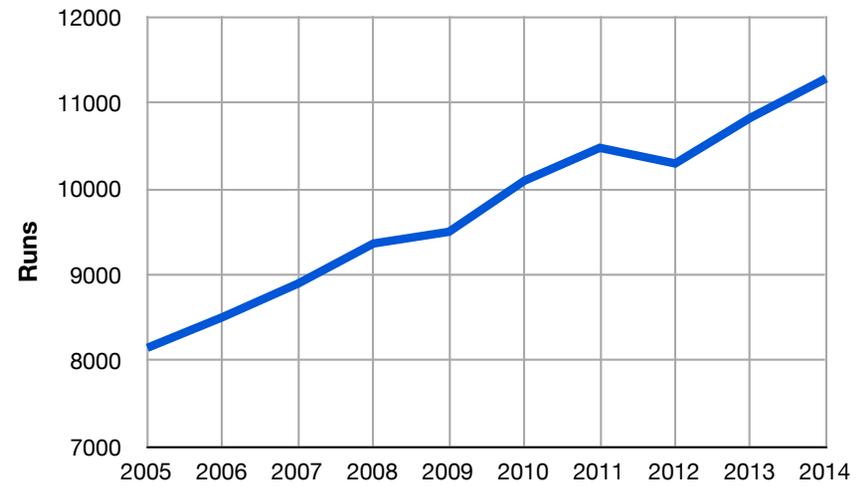
2014 Annual Report

Statistical Trends of the Last Decade

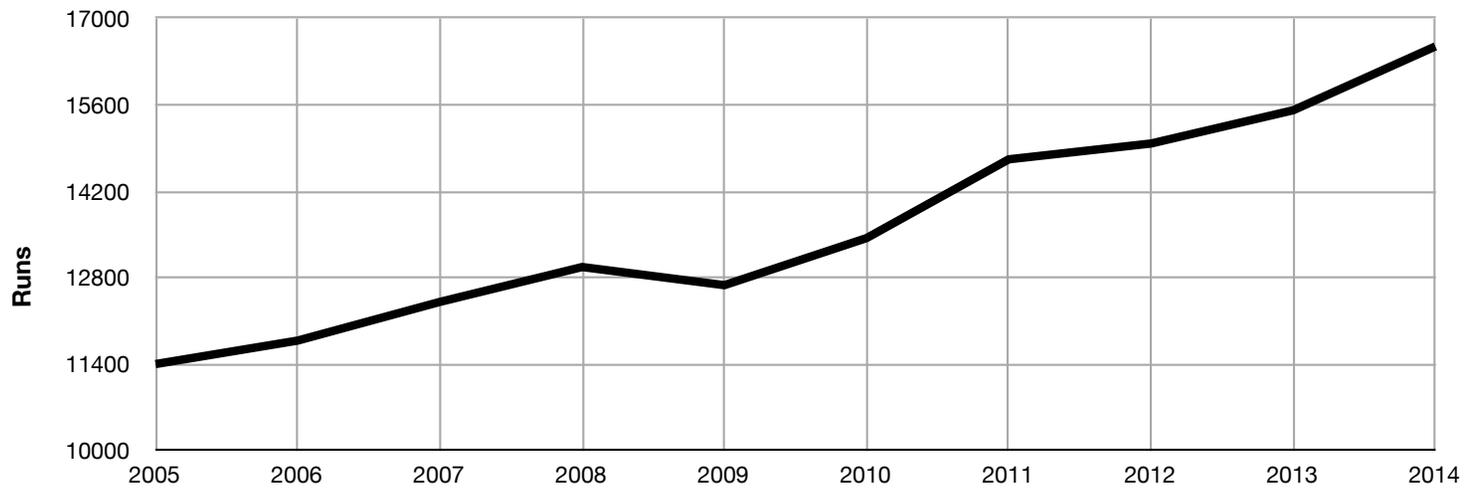
Fires



Medical/Rescue



Annual Totals



WARREN FIRE DEPARTMENT

2014 Annual Report

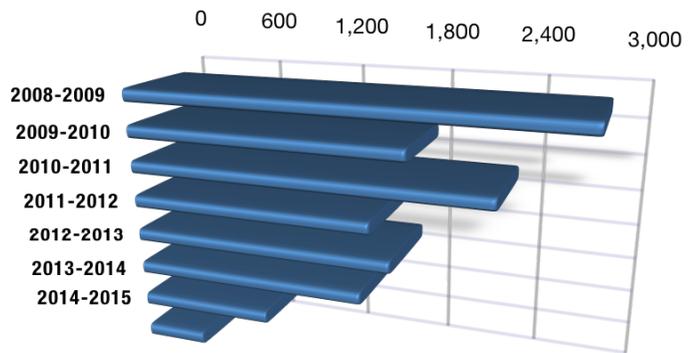
Fire Department Overtime

While run volume has increased by nearly 50% over the past five fiscal years, Fire Department overtime has steadily fallen during that same time period.

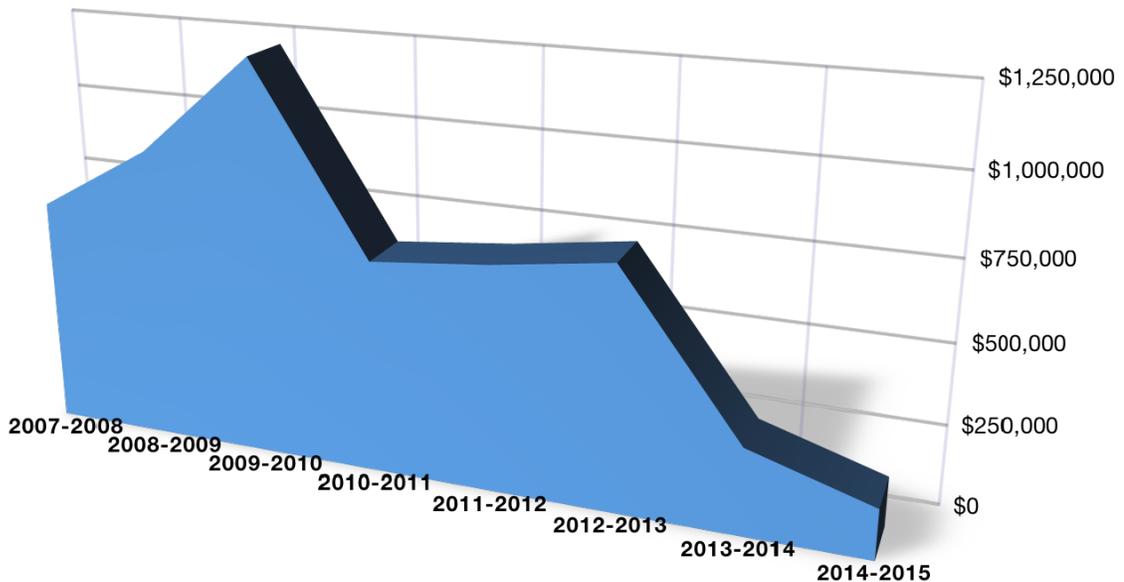
Fiscal Year	OT Hours	OT Cost
2007-2008	2,795.73	\$712,645.00
2008-2009	1,776.35	\$918,935.00
2009-2010	2,281.33	\$1,234,977.00
2010-2011	1,554.61	\$663,395.00
2011-2012	1,676.49	\$700,652.00
2012-2013	1,490.47	\$753,758.00
2013-2014	863.65	\$269,610.00
2014-2015	395.89	\$156,020.83
	12,834.52	\$5,409,992.83

2014-2015 is first half of fiscal year, July-December

OT Hours



OT Cost



WARREN FIRE DEPARTMENT

2014 Annual Report

ANALYSIS OF STATISTICS

In 2014 the Warren Fire Department had thirteen apparatus that responded to emergencies within our city and to surrounding communities during times of major incidents. These apparatus are comprised of five engine companies, one ladder truck, one rescue and six squads. In addition, our fleet contains two engines, one squad and one ladder truck in reserve to fill-in for our front line apparatus that are out of service for maintenance or repairs.

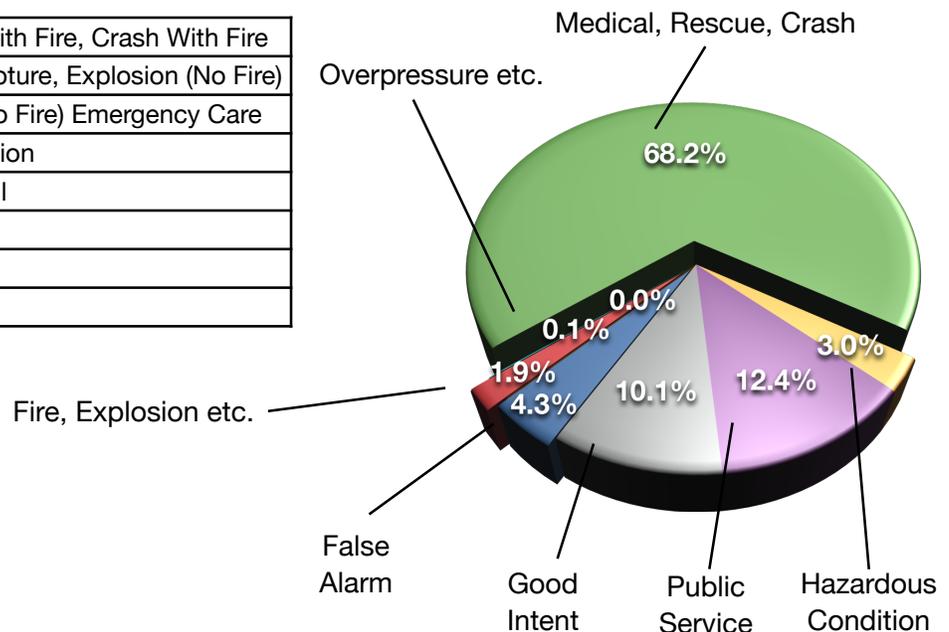
The Warren Fire Department responded to 16,547 incidents in 2014 which represents a 6.7% increase in run volume as compared to 2013. Since some incidents are more severe and require multiple companies, our total company responses for 2014 was 30,530. Overall, our incident totals are up 31% over the past 5 years and 56% over the past decade.

The following pages contain statistical information for the 2014 year. This information has been reported in several ways to provide a more complete and accurate accounting of incident response numbers and times.

Comparison of Primary Incident Types

01/01/2014 - 12/31/2014

321	Fire, Explosion With Fire, Crash With Fire
9	Overpressure, Rupture, Explosion (No Fire)
11284	Rescue, Crash (No Fire) Emergency Care
498	Hazardous Condition
2050	Public Service Call
1677	Good Intent Call
707	False Alarms
1	Other



WARREN FIRE DEPARTMENT

2014 Annual Report

RUN TOTALS

Total Incidents.....	16547
Total Fires.....	321
Total Medical/Rescue.....	11284
Other Incidents.....	4942
Total Apparatus Responses..	30530

FIRE RESPONSES PER ENGINE

Engine 1.....	115
Engine 2.....	96
Engine 3.....	79
Engine 5.....	76
Engine 6.....	65

MEDICAL RESPONSES PER ENGINE & RESCUE

Engine 1.....	1872
Engine 2.....	1640
Engine 3.....	1685
Engine 5.....	2302
Engine 6.....	1464
Rescue/Engine 4.....	998

RESPONSES BY UNIT

UNIT 1.....	10065
UNIT 2.....	10447
UNIT 3.....	10018

INCIDENTS BY UNIT

UNIT 1.....	5388
UNIT 2.....	5600
UNIT 3.....	5559

TOTAL APPARATUS RESPONSES

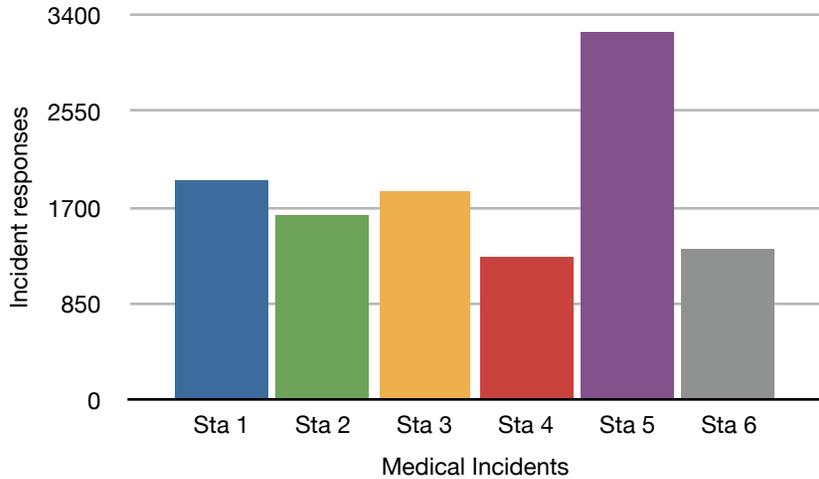
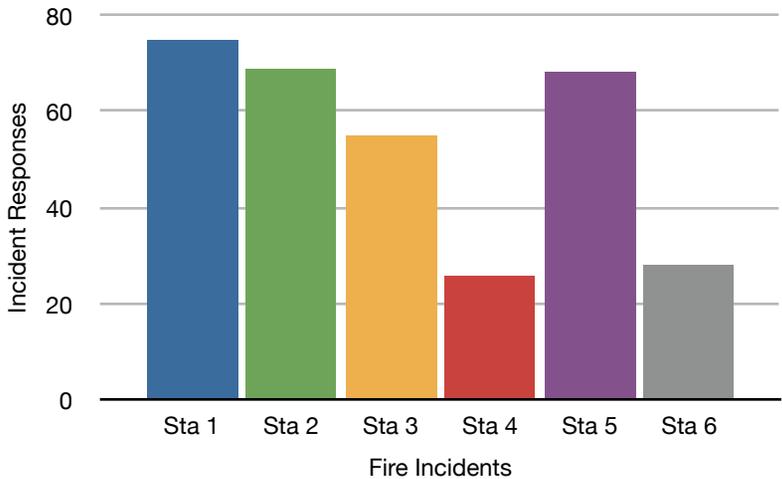
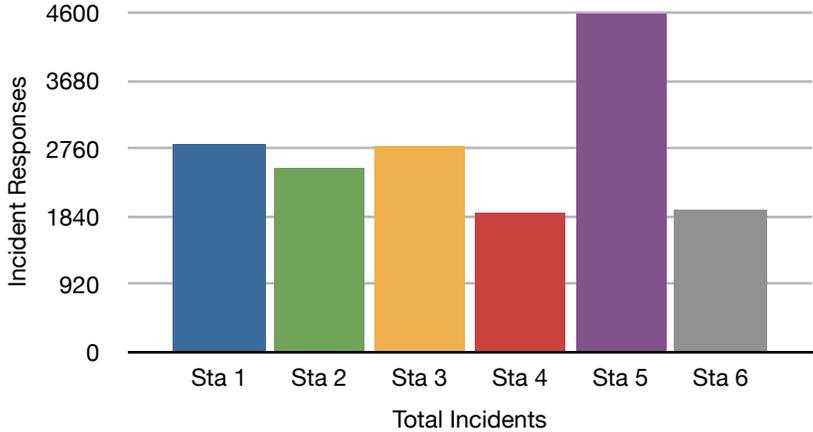
<u>Company</u>	<u>Total</u>	<u>Per Day</u>
Engine 1.....	2930.....	8.0
Engine 2.....	2572.....	7.0
Engine 3.....	2609.....	7.1
Engine 4.....	331.....	5.0
Engine 5.....	3454.....	9.5
Engine 6.....	2304.....	6.5
Truck 4.....	952.....	3.0
Rescue 4.....	1165.....	5.9
Squad 1.....	2741.....	7.6
Squad 2.....	2259.....	6.2
Squad 3.....	2505.....	6.9
Squad 4.....	1164.....	4.7
Squad 5.....	3150.....	8.6
Squad 6.....	2356.....	6.5

2014 Annual Report

WARREN FIRE DEPARTMENT

2014 Annual Report

Station Run District Responses

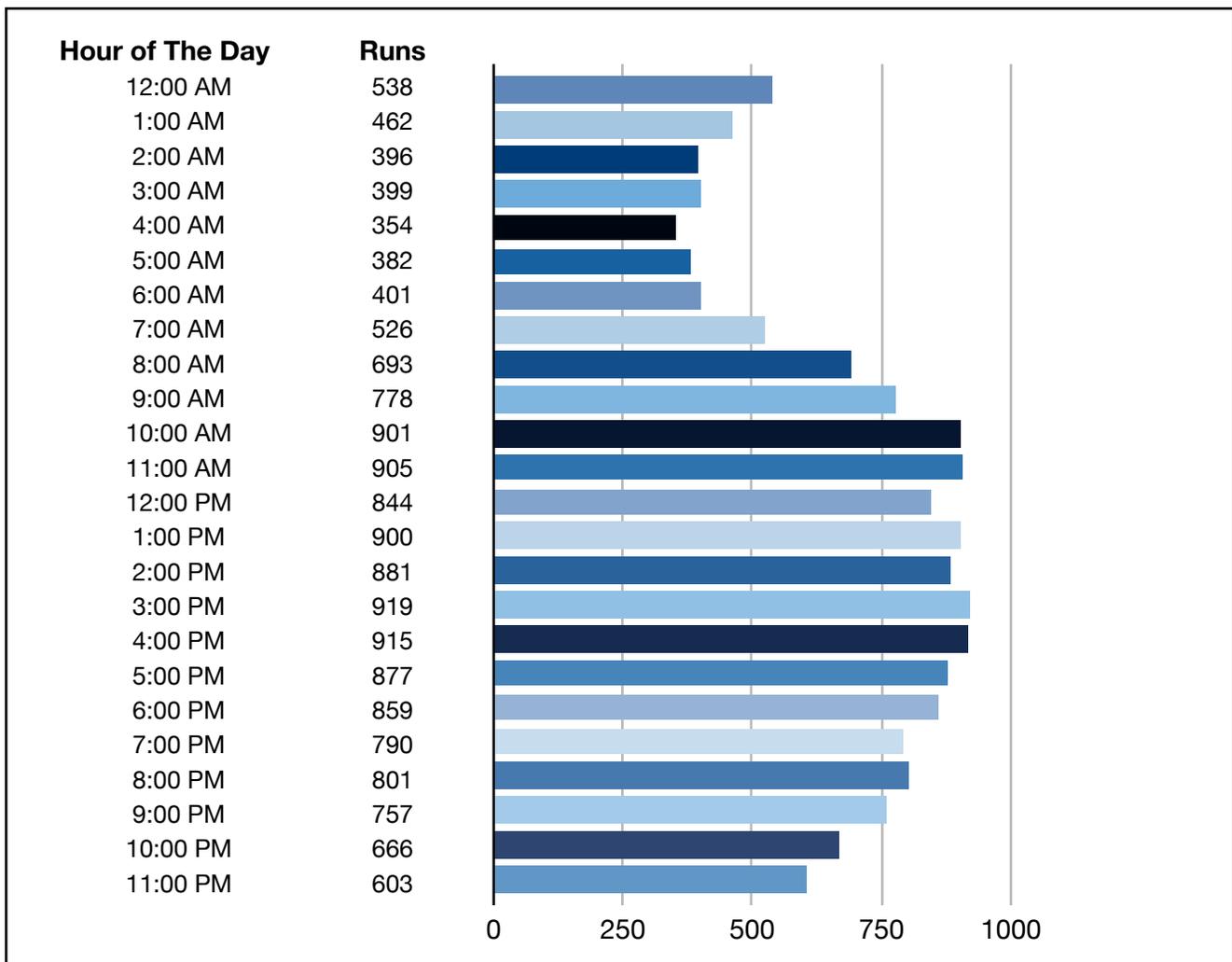
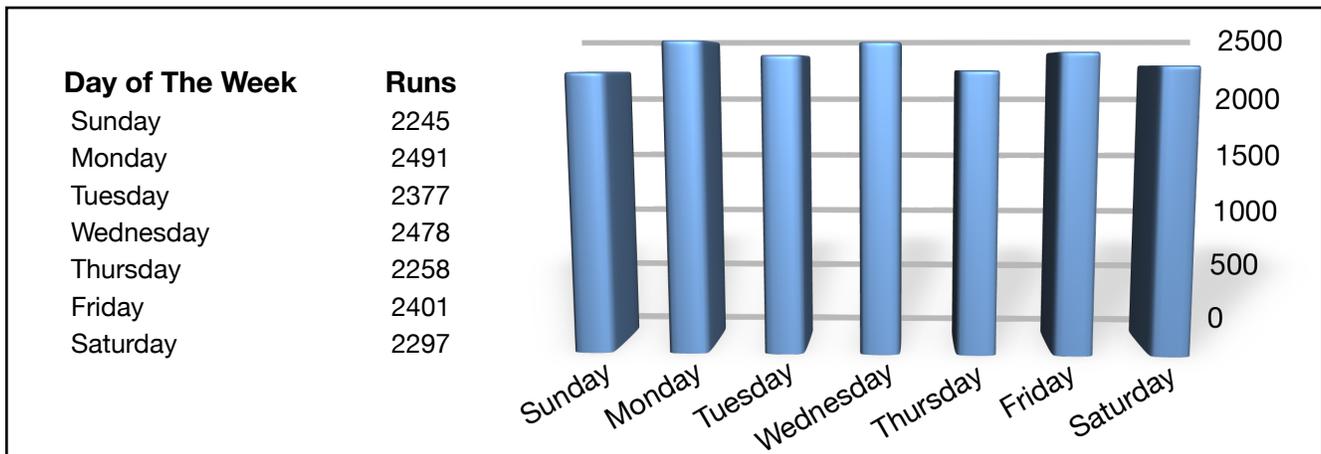


WARREN FIRE DEPARTMENT

2014 Annual Report

Incidents By Day of The Week and Hour of The Day

From: 01-01-2014 To: 12-31-2014



WARREN FIRE DEPARTMENT

2014 Annual Report

MANPOWER and EQUIPMENT OUT of SERVICE REPORT

Sick, Injured & Leave Time

Category	January	February	March	April	May	June	July	August	September	October	November	December	Total
Sick	29	21	24	16	41	57	71	39	41	32	44	56	471
Workmens Comp	12	3	11	8	8	12	8	4	0	0	0	0	66
Quarter Time	3	15	28	24	16	25	20	10	10	0	0	0	151
Military Leave	0	0	0	0	0	0	0	0	0	0	0	0	0
Totals	44	39	63	48	65	94	99	53	51	32	44	56	688

Vacation & Personal Leave

Category	January	February	March	April	May	June	July	August	September	October	November	December	Total
Vacation	47	85	70	95	86	122	160	142	71	55	118	128	1179
Personal Leave	28	20	26	20	12	14	6	17	23	35	12	11	224
Totals	75	105	96	115	98	136	166	159	94	90	130	139	1403

Low Manpower Call-Ins

Category	January	February	March	April	May	June	July	August	September	October	November	December	Total
Call-Ins	0	0	1	0	0	2	22	1	0	10	3	0	39
Totals	0	0	1	0	0	2	22	1	0	10	3	0	39

Number of Apparatus Out of Service

Category	January	February	March	April	May	June	July	*August	*September	*October	*November	*December	Total
Out of Service	10	11	14	17	38	38	44	41	41	51	56	59	420
Totals	10	11	14	17	38	38	44	41	41	51	56	59	420

* Monthly Out of Service Totals reflect Rescue 4 OOS from 8/12/14 through the end of 2014 due to water damage sustained on 8/11/14

WARREN FIRE DEPARTMENT

2014 Annual Report

MUTUAL AID REPORT

The Warren Fire Department responded to requests for mutual aid assistance in accordance with standing mutual aid agreements. Aid is rendered or received based on a predetermined matrix that takes into account the requesting agency, the location of the incident and the level of the alarm. First alarm incidents are generally managed within each individual department. Last year, the Warren Fire Department entered into a different kind of mutual aid pact with Roseville to provide reciprocal EMS transport. During 2014, the Warren Fire Department provided mutual aid 48 times and received mutual aid 10 times.

	January	February	March	April	May	June	July	August	September	October	November	December
Rendered	9	5	4	3	5	2	5	3	3	4	1	4
Received	0	0	0	0	0	2	1	2	0	0	1	4
Total	9	5	4	3	5	4	6	5	3	4	2	8

Date	Rendered/Received	City	Equipment	Remarks
January 2	Rendered	Roseville	Squad 2	Medical
January 6	Rendered	Roseville	Squad 2	EMS Transport
January 7	Rendered	Roseville	Squad 2	EMS Transport
January 8	Rendered	Roseville	Engine 5	Commercial fire
January 9	Rendered	Roseville	Squad 2	EMS Transport
January 9	Rendered	Roseville	Squad 2	EMS Transport
January 9	Rendered	Roseville	Squad 2	EMS Transport
January 15	Rendered	Sterling Heights	Engine 7	Funeral
January 17	Rendered	Fraser	Squad 3	Medical
February 4	Rendered	Roseville	Squad 5	EMS Transport
February 4	Rendered	Roseville	Squad 5	EMS Transport
February 14	Rendered	Roseville	Engine 5	Station fill-in
February 14	Rendered	Roseville	Truck 4	Commercial fire
February 15	Rendered	Roseville	Squad 5	Medical
March 10	Rendered	Roseville	Squad 2	EMS Transport
March 11	Rendered	Roseville	Squad 2	Medical
March 23	Rendered	Roseville	Squad 2	EMS Transport
March 29	Rendered	Eastpointe	Engine 2	Commercial fire

WARREN FIRE DEPARTMENT

2014 Annual Report

MUTUAL AID REPORT

Date	Rendered/Received	City	Equipment	Remarks
April 17	Rendered	Roseville	Engine 5	Station fill-in
April 22	Rendered	Sterling Heights	Engine 6	Commercial fire
April 22	Rendered	Roseville	Squad 2	Medical
May 2	Rendered	St. Clair Shores	Engine 2	Commercial fire
May 6	Rendered	Roseville	Squad 5	EMS Transport
May 7	Rendered	Roseville	Squad 2	EMS Transport
May 22	Rendered	Harper Woods	Engine 2	Commercial fire
May 31	Rendered	Roseville	Squad 5	EMS Transport
June 1	Received	Roseville	RFD Squad	EMS Transport
June 10	Received	Roseville	RFD Squad	EMS Transport
June 18	Rendered	Roseville	Squad 5	Medical
June 29	Rendered	Roseville	Squad 5	EMS Transport
July 11	Rendered	Roseville	Squad 2	EMS Transport
July 12	Received	Macomb County	Engines/Truck	Commercial fire
July 14	Rendered	Roseville	Squad 5	Medical
July 26	Rendered	Roseville	Squad 2	Medical
July 26	Rendered	Roseville	Squad 2	EMS Transport
July 27	Rendered	Roseville	Squad 2	Medical
August 3	Rendered	Roseville	Squad 2	EMS Transport
August 11	Received	Sterling Heights	SFD Boat	Rescue
August 15	Rendered	Roseville	Squad 1	Medical
August 19	Received	Roseville	RFD Squad	EMS Transport
August 21	Rendered	Roseville	Squad 2	Medical
September 1	Rendered	Roseville	Engine/Squad 2	EMS Transport
September 11	Rendered	Roseville	Engine 5	Medical
September 25	Rendered	Roseville	Squad 2	Medical
October 6	Rendered	Roseville	Squad 2	EMS Transport
October 22	Rendered	Roseville	Squad 2	EMS Transport
October 27	Rendered	Roseville	Squad 2	EMS Transport
October 29	Rendered	Grosse Pt. Woods	Rescue 4	Trench Rescue

WARREN FIRE DEPARTMENT

2014 Annual Report

MUTUAL AID REPORT

Date	Rendered/Received	City	Equipment	Remarks
November 16	Rendered	Roseville	Engine 5	Station fill-in
November 26	Received	Roseville	RFD Squad	EMS Transport
December 10	Rendered	Roseville	Squad 2	EMS Transport
December 10	Rendered	Roseville	Squad 5	EMS Transport
December 12	Rendered	St. Clair Shores	Engine 2	Medical
December 19	Received	Roseville	RFD Squad	Medical
December 20	Received	Roseville	RFD Squad	EMS Transport
December 20	Received	Roseville	RFD Squad	EMS Transport
December 21	Received	Roseville	RFD Squad	EMS Transport
December 21	Rendered	Roseville	Engine 2	Medical

WARREN FIRE DEPARTMENT

2014 Annual Report

EMS DIVISION

The Warren Fire Department responded to 11,226 medical runs in 2014, a 4.2% increase in run volume over the year 2013. Run priorities and totals are listed as follows:

	2011	2012	2013	2014	+/-
Priority 1	544	465	608	544	-64
Priority 2	4,770	5,033	5,000	4,594	-406
Priority 3	4,802	4,407	4,910	5,794	+884
Priority 4	269	264	257	294	+37
Total	10,385	10,169	10,775	11,226	+451

Chief of EMS

As you are aware, I was promoted to the position of Chief of EMS March 3, 2014. In this position I am primarily responsible for all of the emergency medical training for the Paramedics and EMTs of the Warren Fire Department. As such, I am required to maintain a Paramedic license and obtain an Instructor Coordinator(IC) license issued by the Michigan Department of Community Health. I have completed the IC course and await state testing in early 2015. I am also responsible for maintaining the license of the Warren Fire Department as an Advanced Life Support provider. I must also maintain, with the State of Michigan, our EMS Continuing Education(CE) Program Sponsorship. After much information gathering and organization of information, our department received a 3 year renewal to our certification in August of this year. Being a CE Program Sponsor allows us to be more flexible with our training dates. This better suits our shift schedules and allows the majority of our training to be accomplished while personnel are on duty.

EMS Training/Education

The Michigan Department of Community Health requires Paramedics and EMTs to obtain a certain number of continuing education credits in various topics throughout their respective

WARREN FIRE DEPARTMENT

2014 Annual Report

licensing periods. There were 4401 man hours of EMS training in 2014. Last year, 32 Paramedics and 13 Basic EMTs renewed their licenses through the continuing education classes held by the Warren Fire Department. All Paramedics are ACLS certified (Advanced Cardiac Life Support) as mandated by Macomb County Medical Control Authority Protocols and continue to receive their recertification at Fire Department Headquarters every 2 years. EMS training at the Warren Fire Department was implemented on a bi-weekly basis in 2014. With the addition of 6 new Instructor Coordinators, giving us a total of 9, we are able to provide a wide variety of medical training throughout the year to ensure that our Paramedics and EMT's remain well rounded with their continuing education.

Personnel

There currently are 82 Paramedics, 44 Basic EMT's, and 2 Medical First Responders. We added 3 paramedics to our department in 2014 and we are finding that they are very ambitious, fitting in well, and representing the Warren Fire Department as young, professional "go-getters" that are eager to learn and proud to be working among some of the best in the business.

EMS Transport

The WFD continues to prove that transport has been a resounding success, since taking over from private EMS. 2014 proved to be a progressive year for the fire department. We continued to maintain 5 ALS (Advanced Life Support) Engine Companies, while increasing the license level of our heavy rescue vehicle to provide ALS service from our sixth station. With support of 6 transporting Squads, the citizens of Warren continue to receive emergency care that is second to none in this region of the state. Through collections using a third party billing company, we've been able to generate revenue to the City of Warren in excess of \$12,000,000 since transport resumed.

WARREN FIRE DEPARTMENT

2014 Annual Report

Innovations and Accomplishments

During 2014, a few very exciting things transpired in the EMS division. Due to a catastrophic flood in the month of August, the need arose for the replacement of our entire transporting ALS fleet. Through much hard work and cooperation, not only in the fire department administration, but also at city hall, we did indeed acquire 6 brand new Alpha rigs. They were fully equipped and began going in service late in the year, giving our citizens peace of mind that in their time of dire need, we are able to provide comfortable and reliable transportation to the emergency room. Also, the WFD participated in a mock-disaster drill that simulated a motor coach bus filled with senior citizens rolling over on I-696. The drill was acted out in a table-top manner using cue cards in separate rooms at the old Bi-County hospital. This training not only helped us to prepare for the unthinkable, but it also gave us the opportunity to work with other agencies and departments throughout the county. We, once again, displayed complete professionalism and set the standard for the smaller departments in the county to follow. I received many compliments from neighboring fire departments on how well our crews handled this disaster incident. Finally, we have been awarded, in conjunction with St. John Macomb Hospital in Warren, the Silver Mission Lifeline Award by the American Heart Association for exceptionally short door-to-balloon times we have provided for our citizens and visitors alike. Many, many lives have been saved due solely to the fast, dedicated, knowledgeable Paramedics and EMT's of the Warren Fire Department and advanced equipment available to them. They are second to none!

Tactical EMS

As Chief of EMS and being responsible for all EMS training, I am responsible for the additional training needed for the 9 member Tactical EMS Team. The Warren Police Special Response Team continues to enjoy the Tactical EMS duties that WFD Tactical Medics provide. 9 of our paramedics have taken the required additional EMS classes (Pre-Hospital Trauma Life Support and Pediatric Advanced Life Support) and have attended and successfully passed the actual tactical training. The Warren Fire Departments Tactical EMS Team puts in countless training hours and participates in numerous practice drills to stay sharp and at the ready when our police department responds to an incident. They are able to assist Warren Police in a variety of situations such as: high risk warrants, hostage rescue, barricaded suspects, sniper situations, armed fugitive arrests, civil disturbances, and

WARREN FIRE DEPARTMENT

2014 Annual Report

clandestine drug labs. Our team has set the bar high and other nearby departments are now modeling their team after us. This kind of commitment is unique to the eastern section of our country as we continue to provide a service to our brothers and sisters in blue and our community.

For the Future

My goal remains to train and certify all the paramedics in PHTLS (Pre-Hospital Trauma Life Support) and PALS (Pediatric Advanced Life Support) prior to the end of this year. I will continue to provide our members with improved and innovative equipment, allowing them to continue providing quality care to the citizens of Warren. I will assure our Tactical Medics will continue to support the Warren Police Emergency Response Team, in a safe and professional manner. I will continue to represent the Warren Fire Department EMS Division in a professional manner, providing leadership and support.

Respectfully,

Amy I Hart
Chief of EMS

WARREN FIRE DEPARTMENT

2014 Annual Report

2014 EMS Transport Receipts

The Warren Fire Department EMS treatment and transport service generated more than \$2.8 million in gross receipts during the 2014 calendar year. These receipts are used to offset and subsidize the cost of providing fire and emergency medical service to residents, business owners and visitors to our community. Although the revenues generated by the department are significant, the total cost of providing fire department emergency response averages \$21 million on a fiscal year basis.

Month	Beginning Balance	Ending Balance	Revenue
January	\$1,004,648.00	\$1,257,479.00	\$252,831.00
February	\$1,257,479.00	\$1,436,127.00	\$178,648.00
March	\$1,436,127.00	\$1,721,785.00	\$285,658.00
April	\$1,721,785.00	\$2,065,628.00	\$343,843.00
May	\$2,065,628.00	\$2,335,348.00	\$269,720.00
June	\$2,335,348.00	\$2,543,138.00	\$207,790.00
July	\$2,543,138.00	\$2,770,729.00	\$227,591.00
August **	-\$29,271.00	\$122,705.00	\$151,976.00
September	\$122,705.00	\$249,495.00	\$126,790.00
October	\$249,495.00	\$559,323.00	\$309,828.00
November	\$559,323.00	\$762,749.00	\$203,426.00
December	\$762,749.00	\$1,012,423.00	\$249,674.00
		Total Revenue	\$2,807,775.00

*** Special Note - On 8/27/14, \$2,800,000.00 was transferred from EMS Revenue Account into other City accounts*

WARREN FIRE DEPARTMENT

2014 Annual Report

Total EMS Revenue *Since January 2010*

Year	Beginning Balance	Ending Balance	Annual Revenue
2010	\$0.00	\$1,605,689.00	\$1,605,689.00
2011	\$1,605,689.00	\$4,134,984.00	\$2,529,295.00
2012	\$4,134,984.00	\$6,604,836.00	\$2,469,852.00
2013	\$6,604,836.00	\$9,004,648.00	\$2,399,812.00
2014	\$9,004,648.00	\$11,812,423.00	\$2,807,775.00
		Total Revenue *	\$11,812,423.00

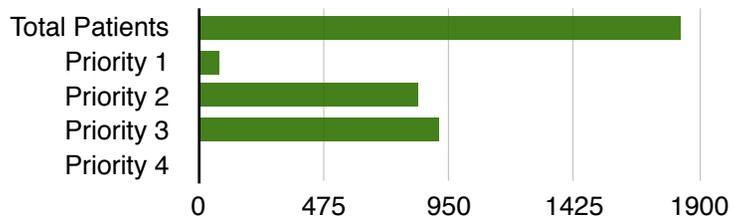
* Balance includes money transferred from EMS Revenue Account into other City accounts.

WARREN FIRE DEPARTMENT

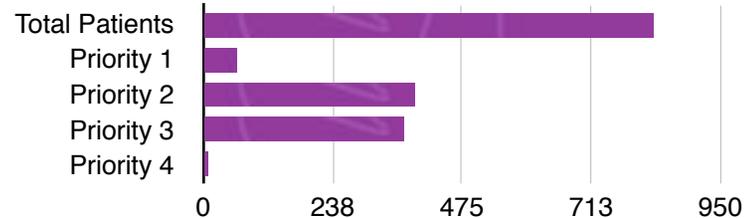
2014 Annual Report

Patient Care Report Totals By Squad and Priority

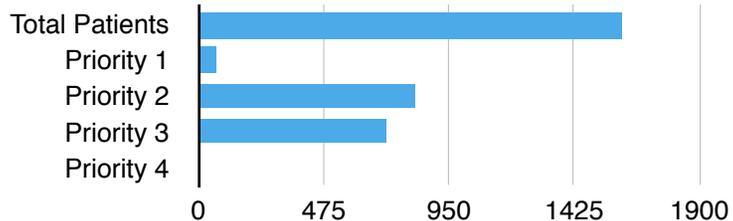
Squad 1	Priority 1	Priority 2	Priority 3	Priority 4
1826	80	830	912	4



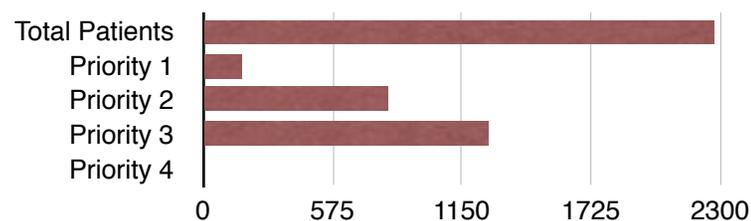
Squad 4	Priority 1	Priority 2	Priority 3	Priority 4
825	63	389	367	6



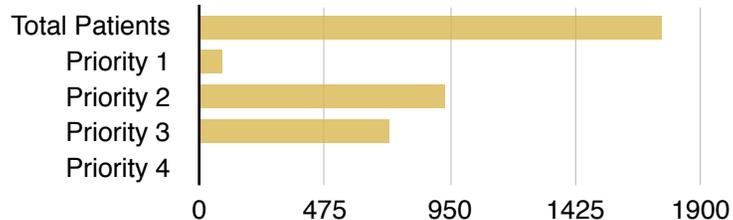
Squad 2	Priority 1	Priority 2	Priority 3	Priority 4
1608	71	826	707	4



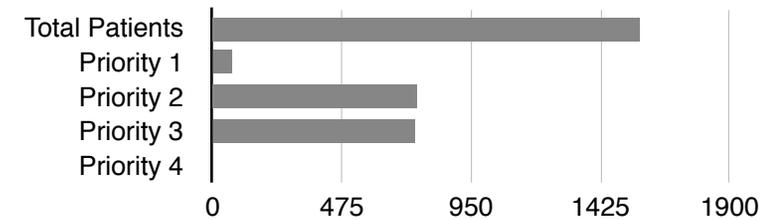
Squad 5	Priority 1	Priority 2	Priority 3	Priority 4
2273	172	825	1275	1



Squad 3	Priority 1	Priority 2	Priority 3	Priority 4
1751	89	933	721	8



Squad 6	Priority 1	Priority 2	Priority 3	Priority 4
1568	68	754	745	1



WARREN FIRE DEPARTMENT

2014 Annual Report

Patient Care Reports Agency Run Statistics

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Priority #1	49	41	45	51	38	48	31	39	39	53	51	59	544
Priority #2	412	351	398	358	403	408	375	340	416	386	350	397	4594
Priority #3	501	463	457	451	483	492	504	521	458	476	487	501	5794
Priority #4	31	13	28	20	17	18	21	30	27	26	28	35	294
Aborted	3	4	0	1	4	0	0	0	3	0	0	0	15
Refused	93	87	74	91	107	129	100	104	87	1	0	0	873
Transport	858	745	822	753	792	806	795	783	637	0	0	0	6991
Other	39	32	32	35	38	31	36	43	33	0	0	0	319
Transported by WFD	0	0	0	0	0	0	0	0	158	806	776	841	2581
Transported with WFD	0	0	0	0	0	0	0	0	0	0	1	1	2
Transported by Private	0	0	0	0	0	0	0	0	1	3	5	3	12
Transported by other FD	0	0	0	0	0	0	0	0	0	1	1	6	8
Transported by PD	0	0	0	0	0	0	0	0	0	2	1	0	3
Refused Transport	0	0	0	0	0	0	0	0	15	102	104	106	327
Sex: Male	435	375	420	375	424	435	416	400	422	445	407	465	5019
Female	558	493	508	505	517	531	515	530	518	496	509	527	6207
Age: < 1	6	7	4	3	9	8	4	9	3	4	5	3	65
1 - 10	16	18	14	17	22	24	27	17	13	15	18	18	219
11 - 17	19	22	15	26	23	20	20	31	29	40	26	26	297
18 - 25	111	85	85	81	80	98	83	93	90	68	75	80	1029
26 - 35	95	74	92	76	98	88	101	92	106	93	87	83	1085
36 - 45	98	75	89	91	110	104	102	99	109	107	84	107	1175
46 - 55	127	119	128	137	132	145	136	144	133	135	131	120	1587

WARREN FIRE DEPARTMENT

2014 Annual Report

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
56 - 65	127	121	145	114	125	140	116	111	147	133	130	154	1563
> 65	385	341	349	330	333	332	340	333	307	343	353	396	4142
Unknown	9	6	7	5	9	7	2	1	3	3	7	5	64
AGENCY TOTAL	993	868	928	880	941	966	931	930	940	941	916	992	11226

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Acute Abdominal	34	31	30	31	31	31	32	24	33	39	27	36	379
Allergy Reaction	5	3	3	5	4	3	4	3	2	9	3	3	47
Behavioral	20	22	21	21	29	28	20	21	20	17	24	24	267
Burns	1	4	0	0	1	1	0	3	1	1	1	2	15
Cardiac	85	61	78	84	65	84	72	67	71	98	85	66	916
Chemical/Poison	0	1	2	3	1	1	1	1	1	2	0	1	14
Diabetic	32	23	29	27	22	18	22	25	33	27	23	21	302
Domestic Violence	0	1	2	0	1	3	1	1	0	1	3	0	13
Drug/Overdose	18	31	27	27	23	31	24	28	37	30	26	25	327
Environmental	3	4	1	0	2	4	0	1	1	0	1	1	18
Motor Veh Trauma Res/Un	26	31	26	21	36	34	26	37	28	29	25	15	334
Neonatal	0	0	0	0	1	0	0	0	0	1	0	0	2
OB/GYN	24	16	19	14	10	14	6	14	10	9	13	8	157
Other Illness	397	324	394	357	376	362	384	357	374	370	381	428	4504
Other Trauma	144	140	136	124	161	160	173	197	152	136	146	178	1847
Pedestrian vs M Veh	2	3	1	3	0	1	2	4	2	2	1	3	24
Respiratory Distress	115	86	85	78	82	74	72	69	74	75	77	87	974

WARREN FIRE DEPARTMENT

2014 Annual Report

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Seizure/Convulsions	43	38	33	41	51	68	48	45	53	45	41	50	556
Stroke/CVA/TIA	16	14	16	20	20	12	22	13	14	15	12	13	187
Unconscious Unknown	28	35	25	24	25	37	22	20	34	35	27	31	343
TOTAL RUNS	993	868	928	880	941	966	931	930	940	941	916	992	11226

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
RESPONSE TIMES													
1 - 5 Minutes	328	279	304	356	392	369	368	334	368	368	352	369	4187
6 - 10 Minutes	576	504	564	476	481	537	502	517	506	519	500	551	6233
11 - 15 Minutes	67	63	46	38	52	46	46	60	47	42	53	52	612
> 15 Minutes	19	19	11	7	13	14	12	17	16	9	11	16	164
Unreported	3	3	3	3	3	0	3	2	3	3	0	4	30

2014	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
HOSPITAL RUNS BY PRIORITY													
Beaumont Royal Oak	8	10	8	5	10	17	15	12	12	15	10	14	136
<i>Priority #1</i>	2	2	1	1	3	3	3	2	1	5	1	3	27
<i>Priority #2</i>	5	5	6	3	6	12	8	8	8	3	6	5	75
<i>Priority #3</i>	1	3	1	1	1	2	4	2	3	7	3	6	34
Beaumont Troy	5	1	3	6	2	4	5	1	2	5	3	4	41
<i>Priority #1</i>	0	0	0	0	0	1	0	0	0	0	0	0	1
<i>Priority #2</i>	2	1	0	2	1	0	2	1	0	2	2	2	15
<i>Priority #3</i>	3	0	3	4	1	3	3	0	2	3	1	2	25

WARREN FIRE DEPARTMENT

2014 Annual Report

Crittenton Hospital	0	0	0	0	0	0	0	0	0	0	0	0	1	1
<i>Priority #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Priority #2</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Priority #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Detroit Childrens Hospital	0	2	3	2	5	2	3	1	3	1	1	1	1	24
<i>Priority #1</i>	0	0	1	0	2	0	1	0	0	0	0	0	0	4
<i>Priority #2</i>	0	1	1	2	3	1	1	1	2	1	1	1	1	15
<i>Priority #3</i>	0	1	1	0	0	1	1	0	1	0	0	0	0	5
Detroit Receiving Hospital	3	3	1	1	1	0	2	3	1	1	1	1	2	19
<i>Priority #1</i>	2	2	1	1	0	0	1	2	1	0	1	1	1	12
<i>Priority #2</i>	1	1	0	0	1	0	1	1	0	1	0	0	1	7
<i>Priority #3</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Henry Ford Detroit	0	0	0	0	0	0	0	0	1	0	0	0	0	1
<i>Priority #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Priority #2</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Priority #3</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Henry Ford Macomb	0	0	0	1	0	4	1	1	4	2	1	1	1	15
<i>Priority #1</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Priority #2</i>	0	0	0	0	0	0	0	0	1	0	0	0	1	2
<i>Priority #3</i>	0	0	0	1	0	4	1	1	3	2	1	0	0	13
McLaren Macomb	1	0	1	1	2	2	4	2	1	2	1	1	1	18
<i>Priority #1</i>	0	0	0	0	1	0	1	0	0	0	0	0	0	2
<i>Priority #2</i>	1	0	1	1	1	1	1	1	1	2	1	1	1	12
<i>Priority #3</i>	0	0	0	0	0	1	2	1	0	0	0	0	0	4
St John Detroit	7	3	12	2	0	5	6	14	12	2	4	4	4	71
<i>Priority #1</i>	2	1	2	0	0	0	0	5	2	1	2	2	2	17

WARREN FIRE DEPARTMENT

2014 Annual Report

<i>Priority #2</i>	5	2	7	2	0	5	5	8	9	1	2	1	47
<i>Priority #3</i>	0	0	3	0	0	0	1	1	1	0	0	1	7
St John Macomb	619	565	624	583	599	590	569	598	603	617	565	629	7161
<i>Priority #1</i>	31	28	30	41	23	35	20	27	29	36	41	40	381
<i>Priority #2</i>	296	267	303	276	312	298	252	252	309	287	245	282	3379
<i>Priority #3</i>	292	270	291	266	264	257	297	319	265	294	279	307	3401
St John Oakland	211	158	164	146	164	176	183	123	154	161	191	185	2016
<i>Priority #1</i>	12	8	10	8	9	9	5	3	6	11	6	12	99
<i>Priority #2</i>	101	71	78	68	74	87	99	56	83	89	93	99	998
<i>Priority #3</i>	98	79	76	70	80	80	79	64	65	61	92	74	918
HOSPITAL TOTAL	854	742	816	747	783	800	788	756	792	806	777	842	9503

WARREN FIRE DEPARTMENT

2014 Annual Report

Fire Prevention Division

In 2014, the Fire Prevention Division continued to perform the 3 main duties of Fire Prevention; community education, fire code enforcement and fire investigation.

With our additional Fire Inspectors, we again increased the number of annual inspections conducted by the division in 2014. In addition to annual inspections, we performed certificate of compliance inspections for compliance with the adopted fire code. We performed acceptance tests on fire suppression and alarm systems. We reviewed site plans, building plans, alarm system plans and fire suppression system plans for fire code compliance. We investigated citizen complaints. We provided Phase One Environmental Reviews, Community Development Block Grant reports and processed FOIA requests as needed. We were instrumental in getting over 250 Knox Boxes installed on commercial buildings while enforcing Warren's Fire Department key box ordinance. There are now approximately 880 Knox boxes installed on buildings throughout Warren.

We were able to get all three Fire Inspectors enrolled in the Michigan State Police Basic Fire Investigation School in 2014. Now all members of the Fire Prevention Division are credentialed in fire investigation. We reinstated the department policy of calling in personnel to investigate fires after hours. Together with the Warren Police Department, detectives, we investigated arson fires and assisted them in the prosecution and conviction of the perpetrators. We also investigated accidental fires to ascertain if specific household or commercial appliances and devices create an inherent risk of starting fires.

We continued to educate the public in fire safety, both in schools and in other community arenas. Our elementary school Fire Prevention Week classes were very popular in 2014, again providing classes for preschool, elementary school and even high school students. With our additional personnel, we were able to extend our public education to senior citizen groups this year as well.

In 2014, Warren again participated in the State of Michigan Fireworks Inspection Delegation program. The inspection delegation program allows the fire department to be actively involved in inspections of fireworks retail sales locations, enabling us to monitor storage and sales of consumer fireworks.

WARREN FIRE DEPARTMENT

2014 Annual Report

The inspection numbers below are based on the Fire Inspector Activity Report:

Inspection Number and Type	Number of Reports
1. Certificate of Compliance	355
2. Annual Inspections	653
3. Final Inspections	002
4. Violation Re-inspections	1253
5. Alarm Tests	079
6. Site Plan Reviews	082
7. Building Plan Reviews	035
8. City Hall Mail	170
9. Fire Investigations	053
10. Fire Investigation Reports	049
11. Court/District Appearances	000
12. Court/Circuit Appearances	000
13. Complaints	051
14. Phase One Environmental Site Reviews	022
15. CDBG Site Reviews	042
16. Letters/Correspondences	007
17. Code Compliance Meetings	012
18. Fire Safety Programs/Schools	014
19. Fire Safety Programs/Private	012
20. Code Research	011
21. Other/Misc Activities	170
22. Hydrant Flow Tests	017
23. Acceptance Tests - Fire Suppression Non Water	005
24. Sprinkler System Hydro Tests	017
25. Sprinkler System Underground Flushes	004
26. School/Training Classes	054
27. Annual/Monthly/Daily Reports	018
28. FOIA Requests	018
29. Fire Door Acceptance Test	001
30. Fire Department Staff Meetings	020
31. Pre-final Walk Throughs	005
32. Fire Suppression Plan Reviews	051
33. Fire Alarm Plan Reviews	035

WARREN FIRE DEPARTMENT

2014 Annual Report

34 . Fire Suppression Puff Tests	011
35 . License Compliance Inspections	015
36 . Knox Box Compliance / Inspections	373
37 . NFIRS Report Compliance Reviews	213
38 . Evidence Transported to MSP Crime Lab	005
39 . Tech Committee Meetings	000
40 . Office Work	019
41 . Fireworks Inspections	018

Total Inspector Activities	3971

WARREN FIRE DEPARTMENT

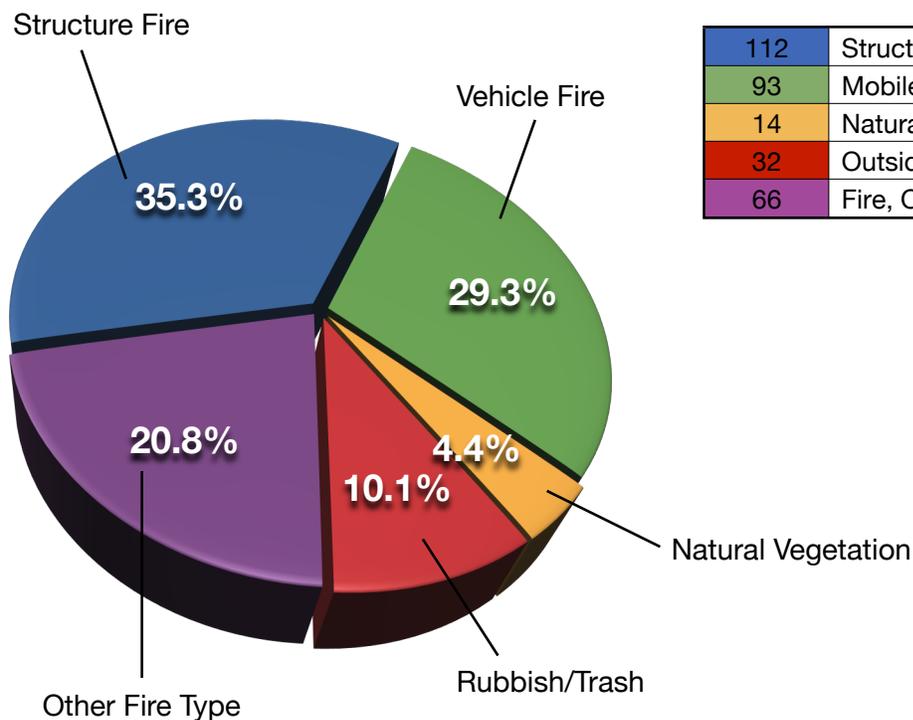
2014 Annual Report

2014 Fire Statistics

The Fire Prevention Division also administers the National Fire Incident Reporting System (NFIRS). All the incident data and statistics in this annual report are derived from the NFIRS incident reports.

Comparison of Fire Types

From: 01/01/2014 To: 12/31/2014



112	Structure Fire
93	Mobile Property (vehicle) Fire
14	Natural Vegetation
32	Outside Rubbish
66	Fire, Other Type

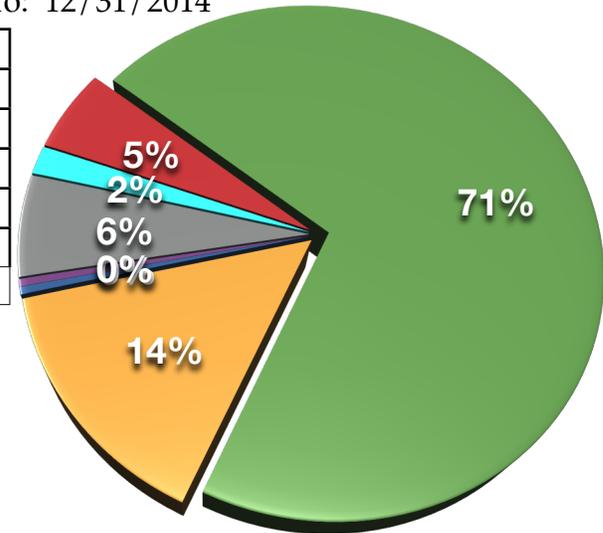
WARREN FIRE DEPARTMENT

2014 Annual Report

Comparison of Fire Causes

From: 01/01/2014 To: 12/31/2014

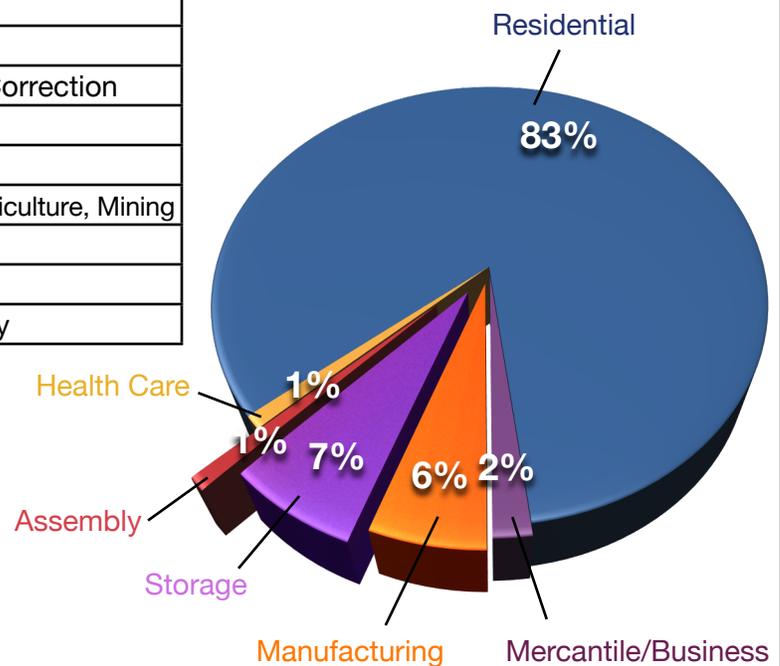
12	Intentional
160	Unintentional
32	Failure of Equipment
1	Act of Nature
1	Under Investigation
14	Undetermined
4	Other (Exposure Fire)



Building Fires by Property Class

From: 01/01/2014 To: 12/31/2014

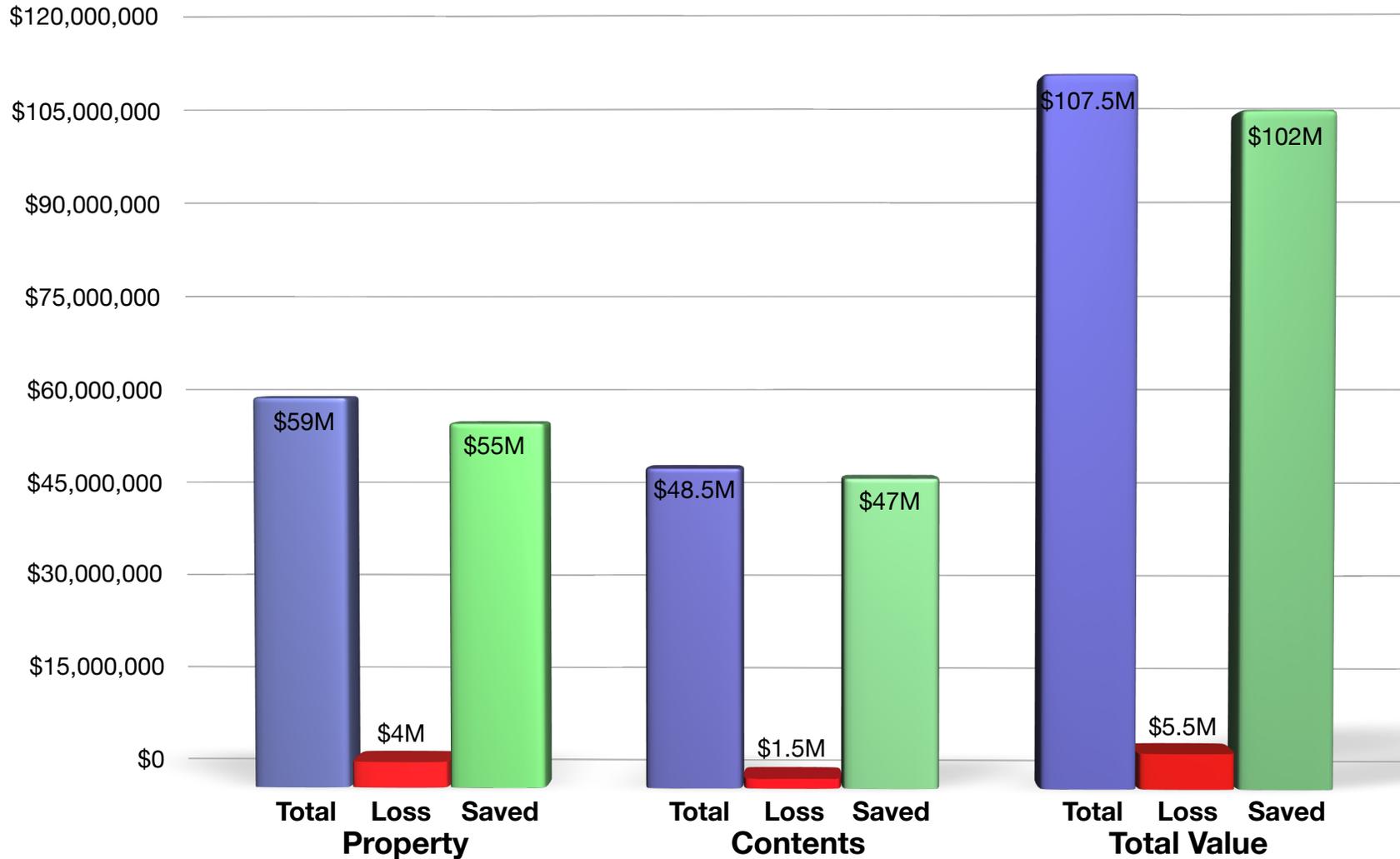
1	Assembly
0	Educational
1	Health Care, Detention & Correction
86	Residential
2	Mercantile, Business
0	Industrial, Utility, Defense, Agriculture, Mining
6	Manufacturing, Processing
7	Storage
0	Outside or Special Property



WARREN FIRE DEPARTMENT

2014 Annual Report

Comparison of Property Value, Loss & Saved in Fires
From: 1/1/2014 To: 12/31/2014



WARREN FIRE DEPARTMENT

2014 Annual Fire Report

Fires With Property Loss of \$25,000 or Greater

Incident Number	Date	Incident Address	Property Type	Property Loss	Contents Loss	FF Injuries	Civilian Injuries	Civilian Deaths	Summary
00728	1/15	31551 Beechwood	Residential	\$25,000	\$50,000	0	0	0	Residential detached garage fire. Fire origin in vicinity of vehicle. Fire cause is undetermined.
01151	1/24	11463 Hupp	Residential	\$35,000	\$10,000	0	1	0	Single family dwelling. Fire origin in basement. Fire cause is unintentional.
01164	1/24	32549 Hawthorne	Residential	\$30,000	\$5,000	0	0	0	Single family dwelling. Fire origin in chimney. Fire cause is unintentional.
01584	2/3	31355 Bretz	Residential	\$40,000	\$10,000	1	0	0	Single family dwelling. Fire origin in wall behind chimney. Fire cause is unintentional.
01911	2/9	13873 Julius	Residential	\$30,000	\$5,000	0	0	0	Single family dwelling. Fire origin in living room/kitchen. Fire cause is undetermined.
02074	2/13	21410 Schoenherr	Commercial	\$100,000	\$100,000	1	0	0	Commercial storage building. Fire origin undetermined. Fire cause is undetermined.
02404	2/20	28350 Lorraine	Residential	\$50,000	\$25,000	0	0	0	Single family dwelling. Fire origin in basement. Fire cause is unintentional.
03235	3/11	22016 Masch	Residential	\$25,000	\$5,000	0	0	0	Single family dwelling. Fire origin in attic. Fire cause is undetermined.

WARREN FIRE DEPARTMENT

2014 Annual Fire Report

Fires With Property Loss of \$25,000 or Greater

Incident Number	Date	Incident Address	Property Type	Property Loss	Contents Loss	FF Injuries	Civilian Injuries	Civilian Deaths	Summary
04031	3/29	23745 Hill	Residential	\$25,000	\$25,000	0	0	0	Single family dwelling. Fire origin in bedroom. Fire cause is unintentional.
05659	5/5	27327 Palomino	Residential	\$50,000	\$60,000	0	1	0	Single family dwelling. Fire origin in rear bedroom. Fire cause is unintentional.
07673	6/20	13251 Stephens	Commercial	\$150,000	\$150,000	0	0	0	Commercial building fire. Fire origin in shop area. Fire cause is unintentional.
08148	7/1	20776 Curie	Residential	\$30,000	\$20,000	1	1	0	Single family dwelling. Fire origin in bedroom. Fire cause is unintentional.
08256	7/3	28499 Queens	Residential	\$25,000	\$5,000	0	0	0	Single family dwelling. Fire origin in kitchen. Fire cause is unintentional.
08547	7/9	26450 Woodingham	Residential	\$50,000	\$15,000	0	0	0	Single family dwelling. Fire origin in kitchen and spread into attic. Fire cause is unintentional.
08668	7/12	22001 Hoover	Commercial	\$1,000,000	\$150,000	0	0	0	Commercial Fire at Metro Sanitation transfer station. Fire origin in storage area. Fire cause is undetermined.
09821	8/4	8712 Ford	Residential	\$30,000	\$10,000	1	0	0	Single family dwelling. Fire origin in bedroom. Fire cause is undetermined.

WARREN FIRE DEPARTMENT

2014 Annual Fire Report

Fires With Property Loss of \$25,000 or Greater

Incident Number	Date	Incident Address	Property Type	Property Loss	Contents Loss	FF Injuries	Civilian Injuries	Civilian Deaths	Summary
10327	8/14	21747 MacArthur	Residential	\$30,000	\$15,000	0	0	0	Single family dwelling. Fire origin in bedroom/bathroom. Fire cause is unintentional.
11296	9/3	27227 Baldwin	Residential	\$30,000	\$10,000	0	0	0	Single family dwelling. Fire origin in bedroom. Fire cause is intentional.
11704	9/10	31502 Schoenherr	Multifamily Residential	\$500,000	\$200,000	0	0	0	Apartment fire. Fire origin in bottom floor apartment B9 . Fire cause is undetermined.
11908	9/15	4752 Stilwell	Residential	\$140,000	\$8,000	0	0	0	Single family dwelling. Fire origin in multiple areas. Fire cause is intentional.
13116	10/11	530 Cour Louis	Residential	\$25,000	\$1,000	0	1	0	Single family dwelling. Fire origin in kitchen. Fire cause is unintentional.
13410	10/18	14515 Myrand	Residential	\$30,000	\$3,000	0	0	0	Single family dwelling. Fire origin in multiple areas. Fire cause is intentional.
14457	11/9	8399 Twelve Mile	Commercial	\$150,000	\$60,000	0	0	0	Commercial roof fire. Building under construction. Fire cause is unintentional.
14824	11/17	4218 Joliet	Residential	\$50,000	\$45,000	0	0	0	Single family dwelling. Fire origin in utility room. Fire cause is unintentional.

WARREN FIRE DEPARTMENT

2014 Annual Fire Report

Fires With Property Loss of \$25,000 or Greater

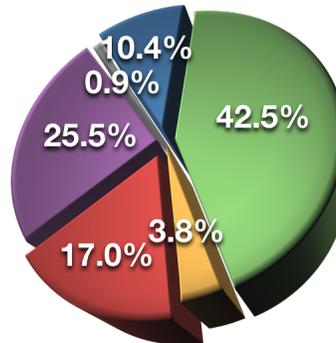
Incident Number	Date	Incident Address	Property Type	Property Loss	Contents Loss	FF Injuries	Civilian Injuries	Civilian Deaths	Summary
15674	12/6	28065 Marcia	Residential	\$30,000	\$15,000	0	1	0	Single family dwelling. Fire origin in kitchen. Fire cause is unintentional.
16170	12/17	23000 Van Dyke	Commercial	\$30,000	\$30,000	0	0	0	Restaurant fire. Fire origin in kitchen. Fire cause is failure of equipment.
16333	12/20	8040 Stanley	Residential	\$60,000	\$30,000	0	0	1	Single family dwelling. Fire origin in kitchen. Fire cause is unintentional.
16529	12/25	25118 Hoover	Residential	\$100,000	\$10,000	0	1	0	Multifamily apartment building. Fire origin in kitchen. Fire cause is unintentional.
Totals				\$2,870,000	\$1,072,000	4	6	1	

Special Operations Division Hazardous Materials Report

In 2014 the Warren Fire Department responded to 98 incidents identified as involving some type of hazardous substance release. There were also eight air monitorings performed for the safety of the public and firefighters.

11	Flammable/Combustible Liquid or Gas
45	Natural Gas or Propane Leak
4	Oil or Other Combustible Liquid
18	Chemical Hazard & Environmental Monitoring
27	Carbon Monoxide
1	Other including BIO-hazards/Unknowns

Haz-Mat Responses



Hazardous Materials Training

During 2014, Warren's Hazardous Materials Team consisted of 29 members. Of the 29, nine members were added this year. The 80-hour Haz/Mat Technician Training was done at no cost to the city and was facilitated by the International Fire Fighters Association. The city team received 652 man hours of training in eight training sessions.

Macomb County Hazardous Materials Response Team

Warren is one of four sponsoring agencies for the county team. The county team consists of 40 Haz/Mat technicians, nine of which are Warren Fire Department Haz/Mat Technicians. The county team members participated in three training sessions for a total of 60 man hours. All of the departments involved continue to maintain their individual hazardous materials response capabilities. The county team was deployed twice in 2014.

New Equipment Acquisitions

On August 11, 2014 the Warren Fire Department and the City of Warren experienced a torrential rain storm and epic flooding. During that incident more than \$150,000.00 in hazardous materials equipment and monitors and a heavy rescue vehicle, valued at \$350,000.00, were destroyed. The equipment has been replaced with funds from insurance.



2014 Annual Report

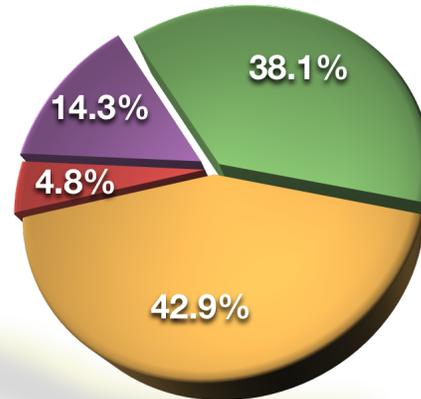
Special Operations Division

Technical Rescue

In 2014, the Warren Fire Department responded to 21 incidents identified as involving some type of technical rescue expertise.

0	Partial/Total Building Collapse
8	Confined Space Rescue/Elevator Rescue
9	Vehicle Extrication/Hurst Tools
1	Forcible Entry/ Difficult/Resilient
3	Trench Rescue

Tech Rescue Responses



Technical Rescue Training

During 2014, the 20 member Warren Tech Rescue Team received 316 man hours of training in six training sessions. Jay-Dee Contractors sponsored a Department of Labor Tunnel Confined Space 12 hour refresher class. 11 members of our department received this training. This will allow us to conduct a tunnel rescue in the county's drain project if need be. These 11 members are certified nationally and may be called upon to assist in tunnel and cave rescues across the nation.

Macomb County Technical Rescue Team

The Macomb County Tech Rescue Team is a combined team and has been deployable for the past three years. The team is comprised of 45 rescue specialist trained personnel from around the county. There are nine personnel from Warren on the county team. This cooperative effort will bring additional monies for training and equipment to our departments. All of the departments will continue to maintain their individual tech rescue response capabilities. The members of the county team had two training sessions in 2014 for a total of 24 man hours of training.

Michigan Task Force One Team

In 2014, the Warren Fire Department currently has two members on the Michigan Task Force One Team. They will be used state wide if they are needed. The two members had 64 man hours of training in four sessions.

New Equipment Acquisitions

On August 11, 2014 the Warren Fire Department and the City of Warren experienced a torrential rain storm and epic flooding. There was approximately \$9,200.00 in tech rescue equipment destroyed or damaged. The equipment has been replaced with funds from insurance.



Special Operations Division

Special Response Team

In 2014, the Warren Fire Department Special Response Team (SRT) responded to 16 incidents with the Warren Police Department. The department SRT provides emergency trauma medical support for police officers and victims during police incidents. Some examples of the types of incidents the SRT responds to are, barricaded gunmen, drug raids and serving arrest warrants.

SRT Training

During 2014, Warren's Special Response Team consisted of nine members. The nine members received, in excess of, 108 man hours of training in 12 training sessions. One of the training sessions was three days at the Combat Readiness Training Center in Alpena, Michigan. The training session included exercises in terrorist, school, and work place attacks of violence.

New Equipment Acquisitions

In 2014, the Special Response Team purchased five mobile radios w/chargers and had the specialized response vehicle refurbished. The vehicle was provided by the United States Department of Defense, free of charge. The refurb consisted of, new paint, seats, tires, rear heat, emergency lighting, hard top, spot light and an infrared camera. The vehicle will be used for SRT search and rescue at SRT incidents. All radios and refurb were paid for with MMRS grant monies.

