

WARREN FIRE DEPARTMENT



2012 Annual Report



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

July 20, 2013



The Honorable James R. Fouts
Mayor

WARREN FIRE DEPARTMENT

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Warren, MI 48089
(586) 756-2800
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RE: 2012 Annual Report

Mayor Fouts,

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, 2012.

During 2012 the department responded to 14,973 alarms for the year representing an increase of 256 incidents or a .2% increase over 2011 totals. Of these responses 10,295 were emergency medical incidents which makes up 68.8% of all emergency incidents responded to by the department. Additionally, the department also responded to three hundred eighty-two (382) fire incidents of all types during the year with the remainder of responses classified as general responses and totaling four thousand two hundred ninety-six (4,296) incidents. Total incident responses for all companies amounted to 29,686 alarms requiring emergency responses from fire apparatus of all types depending upon the type of incident reported and responded to. There were four (4) reportable civilian injuries and zero (0) civilian fatalities during the year as well as twenty-two (22) serious injuries to firefighters resulting in 61.71 lost duty days or 1,481 total hours that firefighters were unavailable for assignment. Also during the year, there were three (3) non-duty fire injuries resulting in one hundred-sixty (160) total days of work lost or three thousand eight hundred forty (3840) hours of lost man hours.

Estimated fire losses for the year 2012 exceeded \$4.1 million dollars in real property losses and \$2.9 million in personal property losses during the year. There were thirty-four (34) fires where the estimated total loss was greater than \$25,000.00, of which six (6) incidents exceeded an estimated \$100,000.00 or greater of real property loss. The most significant fire loss during 2012 occurred on April 11, 2012, at the General Motors Technical Center in the Battery Development and Testing Facility with estimated real and personal property losses exceeded \$1 million dollars. Two other fire incidents also received wide spread attention and included significant fire losses in our community. On April 29, the department responded to Young's Garden Mart located at 27825 Ryan Road where we encountered heavy smoke coming from the building. The fire incident went to a second alarm prior to extinguishment with damages to real and personal property estimated at greater than \$250,000.00. Lastly, on December 10, 2012, the department responded to a commercial fire alarm at 4242 Ten Mile Road. The building was being used as a resale shop at the time of the fire. Fire crews arrived to find heavy smoke and fire coming from the front and rear of the building. After extinguishment Warren Fire Department was assisted in its investigation to determine origin and cause by the Federal Department of Alcohol Tobacco and Firearms. The joint investigation was able to determine

the general area of origin of the fire, however due to the large amount of combustable materials stored in the building, the ignition source or the first combustible ignited was not determined. Real and personal property losses were estimated at greater than \$1 million dollars and ultimately resulted in the building being demolished as an unsafe structure.

On a more positive note, the City and Department learned on December 15, 2012, that we had been awarded an Assistance to Firefighters Staffing for Adequate Fire and Emergency Response Grant in the amount of \$2.79 million dollars to hire eighteen (18) cross trained firefighter/paramedics for a two (2) year period beginning with the hiring of the first employee. The award, when implemented in 2013, will allow the department to return to 2008/2009 staffing levels of one hundred and thirty employees. As Fire Commissioner, I look forward to the challenges of implementing the grant award that will benefit the community with improved response capabilities and response times but also the employees of the department who will have sufficient personnel to ensure that all fire stations and apparatus are fully operational and staffed for emergency responses during the grant award period. The award of the SAFER grant in conjunction with the approval of the police and fire millage will ensure a stable level of emergency personnel staffing that meets criteria established and recognized as the best practices model by National Fire Protection Authorities.

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 also 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 directly supervising 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 department, look forward to 2013 and the challenges of continuing to deliver the high level of dedicated and professional service to our community as we continue to recover from the great recession of the past five years. I am extremely confident that the entire workforce will be up to the challenge of continuing to provide the high level of service demanded by the citizens of Warren in the most efficient and cost effective model possible.

Professionally,

A handwritten signature in cursive script that reads "Wilburt McAdams".

Wilburt McAdams
Fire Commissioner

WARREN FIRE DEPARTMENT

2012 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
Analysis of Statistics.....	6
2012 Run Statistics	7
Station Run District Responses	8
Incidents by Day and Hour.....	9
Manpower Report	10
2012 Employee Run Totals.....	11-12
Mutual Aid Report	13
EMS Division	14-16
2012 EMS Transport Receipts	17
PCR Run Totals by Squad and Priority	18
2012 Patient Care Reports - Agency Run Statistics	19-21
Fire Prevention Division	22-23
2012 Fire Statistics.....	24-26
Fire Reports with Property Loss of \$25,000	27-30
Special Operations Division.....	31-32

2012 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

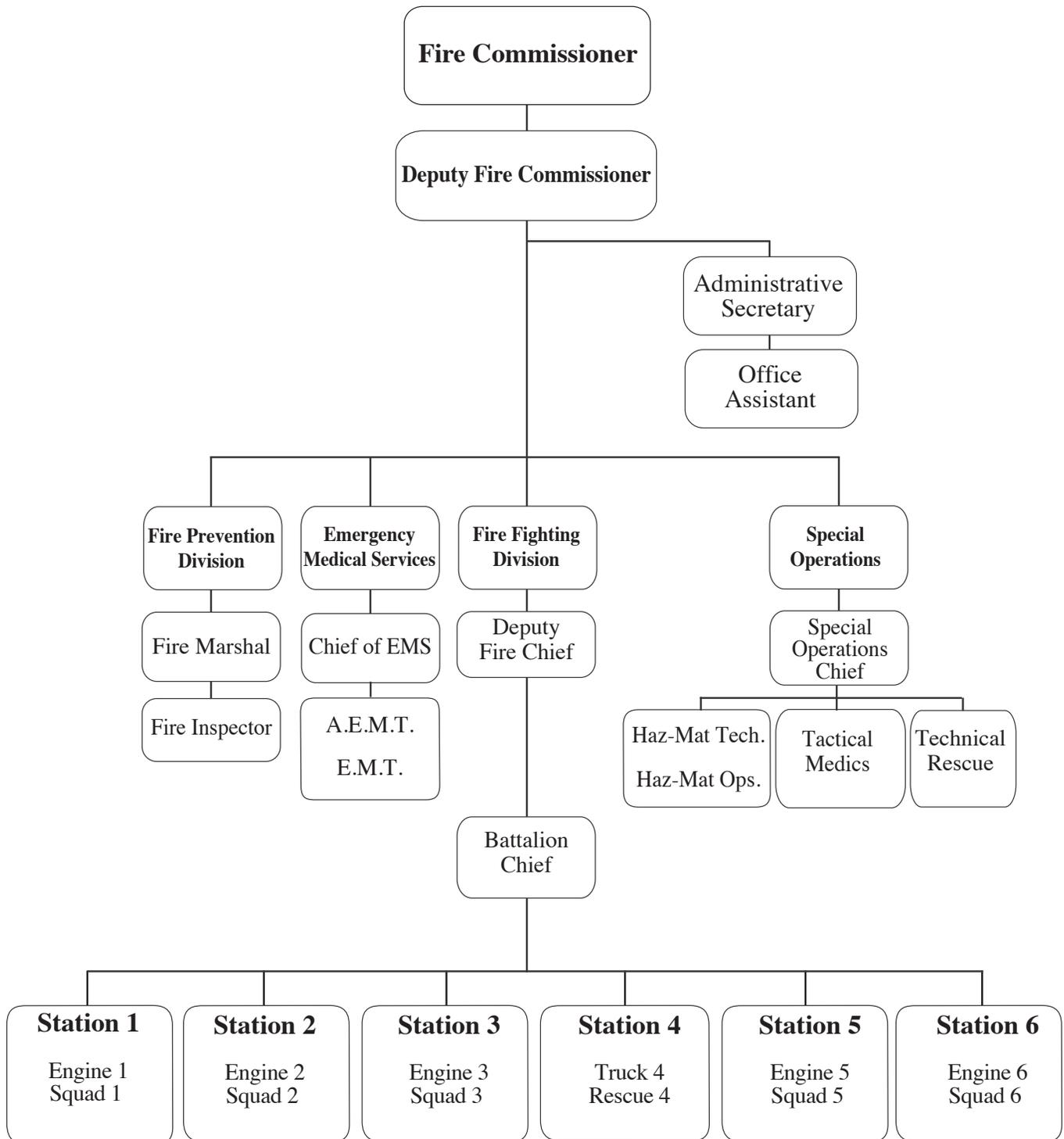
The Warren Fire Department will accomplish its mission by responding to any emergency situation which threatens Life, Safety, or Property. In cases where the Warren Fire Department is not the appropriate agency, is not capable of delivering the needed assistance, or if the situation is not a true emergency, 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, 2012



WARREN FIRE DEPARTMENT

2012 Annual Report

Personnel Changes

Effective January 18, 2012	
Firefighter Alexander Cowen	Resigned
Effective July 6, 2012	
Firefighter Jeffery Knudsen	Resigned
Effective October 5, 2012	
FEO Steven Titcombe	Firefighter/AEMT

WARREN FIRE DEPARTMENT

2012 Annual Report

Primary Incident Response Report For the Year 2012

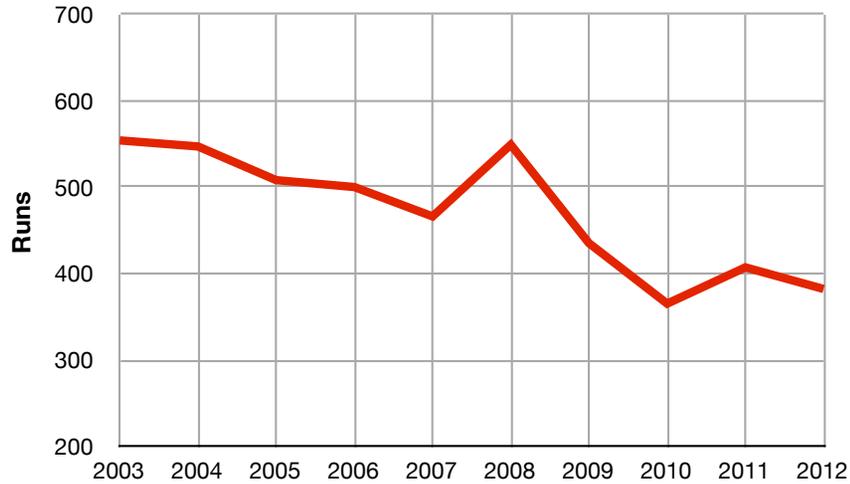
	Eng Co. 1	Eng Co. 2	Eng Co. 3	Eng Co. 4	Eng Co. 5	Eng Co. 6	Truck Co. 1	Truck Co. 4	Rescue Co. 4	Squad 1	Squad 2	Squad 3	Squad 4	Squad 5	Squad 6	Utility 2	Utility 3	Total
1. Fire, Explosion With Fire, Crash With Fire	51	85	77	0	68	74	15	6	6	0	0	0	0	0	0	0	0	382
2. Overpressure, Rupture, Explosion (No Fire)	5	0	1	0	3	3	0	0	1	0	0	0	0	0	0	0	0	13
3. Rescue, Crash (No Fire), Emergency Care	1326	1818	1776	23	2588	1787	7	8	34	160	159	164	16	256	172	1	0	10295
4. Hazardous Condition	34	84	83	0	77	40	2	2	32	0	0	1	0	0	0	0	1	356
5. Public Service Call	201	347	341	2	420	353	18	7	10	16	18	39	2	29	27	1	13	1844
6. Good Intent Call	257	304	307	6	282	338	13	3	31	12	20	47	0	24	21	0	0	1665
7. False Alarm	33	61	62	3	93	79	16	21	44	0	1	2	0	2	1	0	0	418
8. Other Call	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0
Total Responses	1907	2699	2647	34	3531	2674	71	47	158	188	198	253	18	311	221	2	14	14973

WARREN FIRE DEPARTMENT

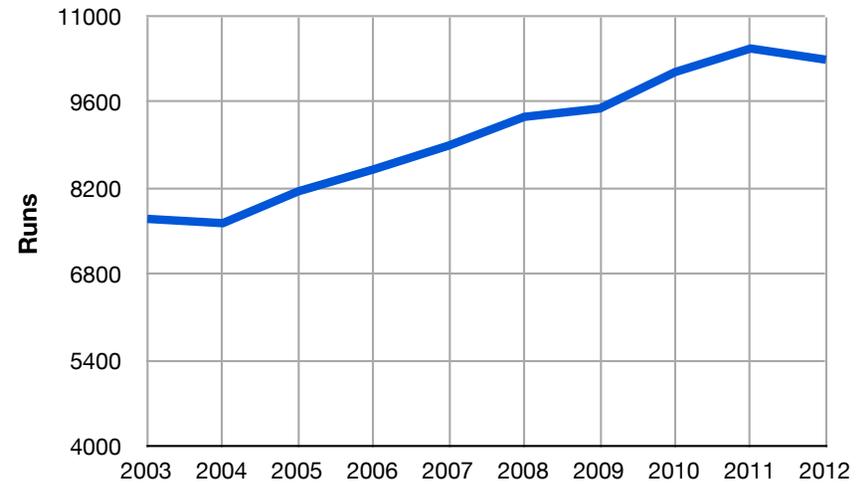
2012 Annual Report

Statistical Trends of the Last Decade

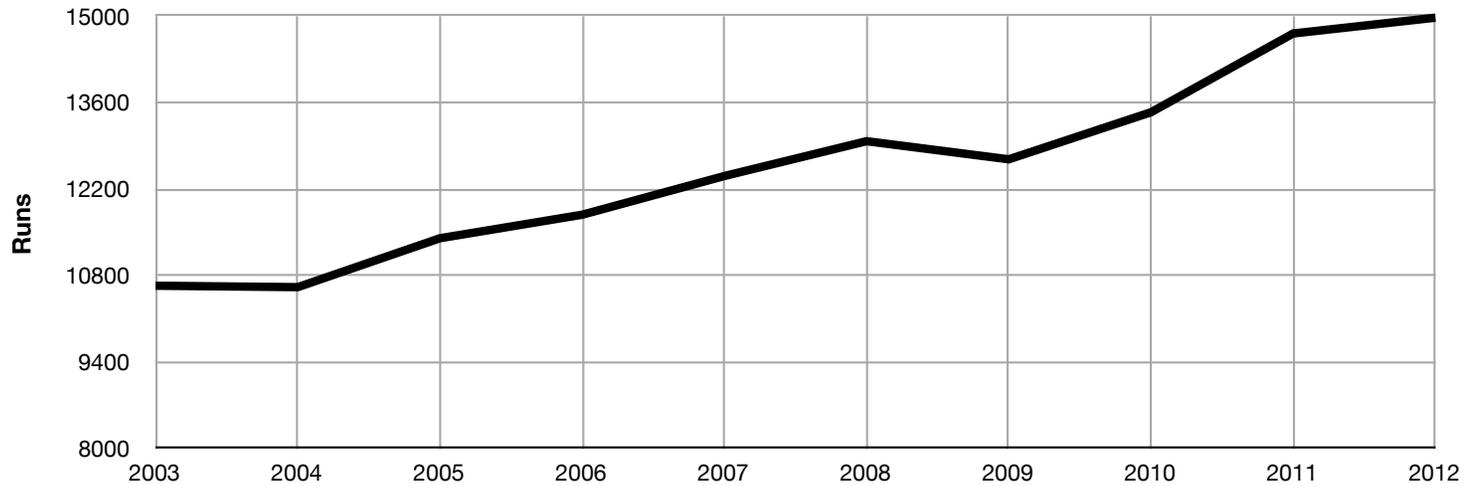
Fires



Medical/Rescue



Annual Totals



WARREN FIRE DEPARTMENT

2012 Annual Report

ANALYSIS OF STATISTICS

In 2012 the Warren Fire Department had twelve 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 five squads. In addition, our fleet contains two engines, two squads and one ladder truck in reserve to fill-in for our front line apparatus that are out of service for maintenance or repairs.

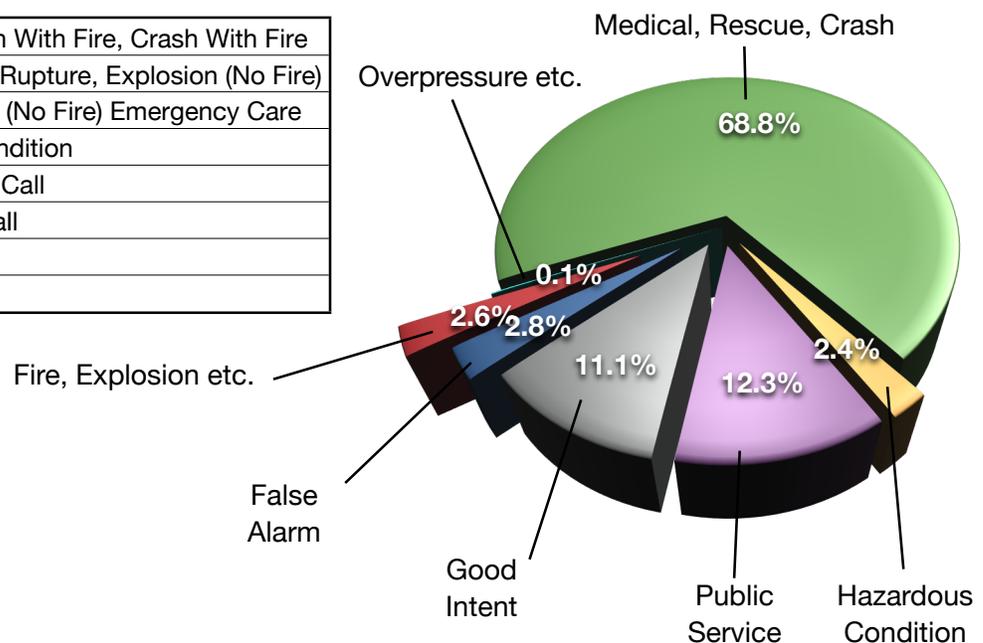
The Warren Fire Department responded to 14,973 incidents in 2012 which represents a 0.2% increase in run volume as compared to 2011. Since some incidents are more severe and require multiple companies, our total company responses for 2012 was 29,686. Overall, our incident totals are up 18% over the last 3 years.

The following pages contain statistical information for the 2012 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

01/01/2012 - 12/31/2012

382	Fire, Explosion With Fire, Crash With Fire
13	Overpressure, Rupture, Explosion (No Fire)
10295	Rescue, Crash (No Fire) Emergency Care
356	Hazardous Condition
1844	Public Service Call
1665	Good Intent Call
418	False Alarms
0	Other



WARREN FIRE DEPARTMENT

2012 Annual Report

RUN TOTALS

Total Incidents.....	14973
Total Fires.....	382
Total Medical/Rescue.....	10295
Other Incidents.....	4296
Total Apparatus Responses..	29686

FIRE RESPONSES PER ENGINE

Engine 1.....	96
Engine 2.....	120
Engine 3.....	112
Engine 4.....	2
Engine 5.....	86
Engine 6.....	111

INCIDENTS BY UNIT

UNIT 1.....	4969
UNIT 2.....	4884
UNIT 3.....	5120

MEDICAL RESPONSES PER ENGINE

Engine 1.....	1330
Engine 2.....	1826
Engine 3.....	1799
Engine 4.....	23
Engine 5.....	2597
Engine 6.....	1805

RESPONSES BY UNIT

UNIT 1.....	9777
UNIT 2.....	9739
UNIT 3.....	10170

TOTAL APPARATUS RESPONSES

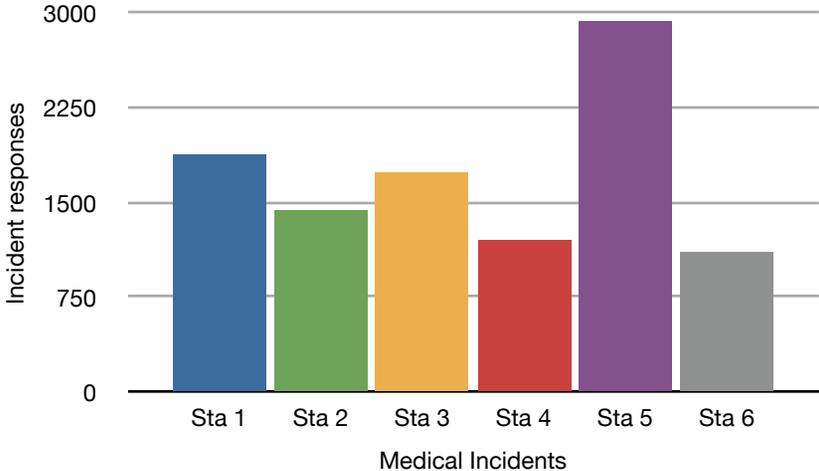
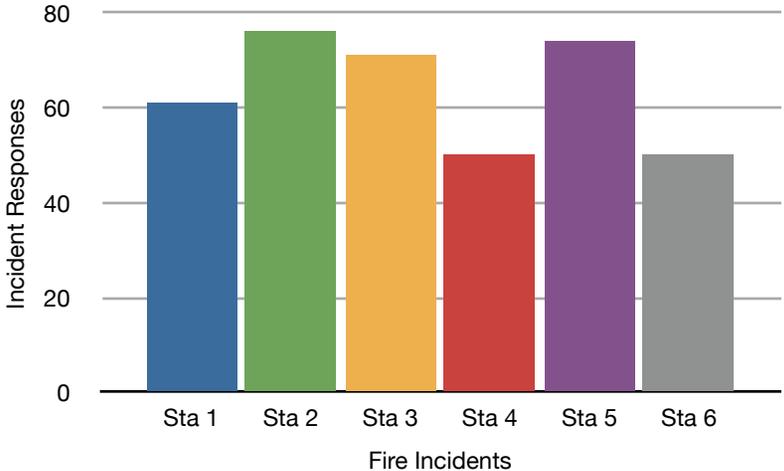
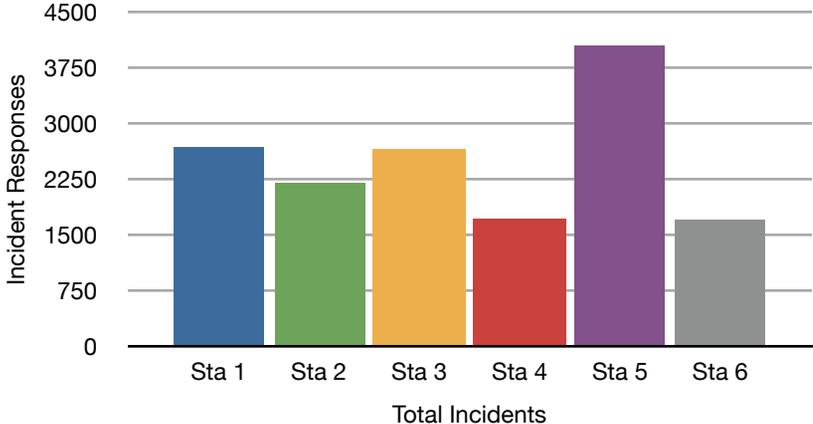
<u>Company</u>	<u>Total</u>	<u>Per Day</u>
Engine 1.....	2187.....	7.8
Engine 2.....	2959.....	8.1
Engine 3.....	2986.....	8.2
Engine 5.....	3775.....	10.3
Engine 6.....	3017.....	8.2
Truck 4.....	779.....	2.1
Rescue 4.....	652.....	1.8
Squad 1.....	1366.....	7.5
Squad 2.....	2855.....	7.8
Squad 3.....	2821.....	7.7
Squad 5.....	3255.....	8.9
Squad 6.....	2694.....	7.4

2012 Annual Report

WARREN FIRE DEPARTMENT

2012 Annual Report

Station Run District Responses

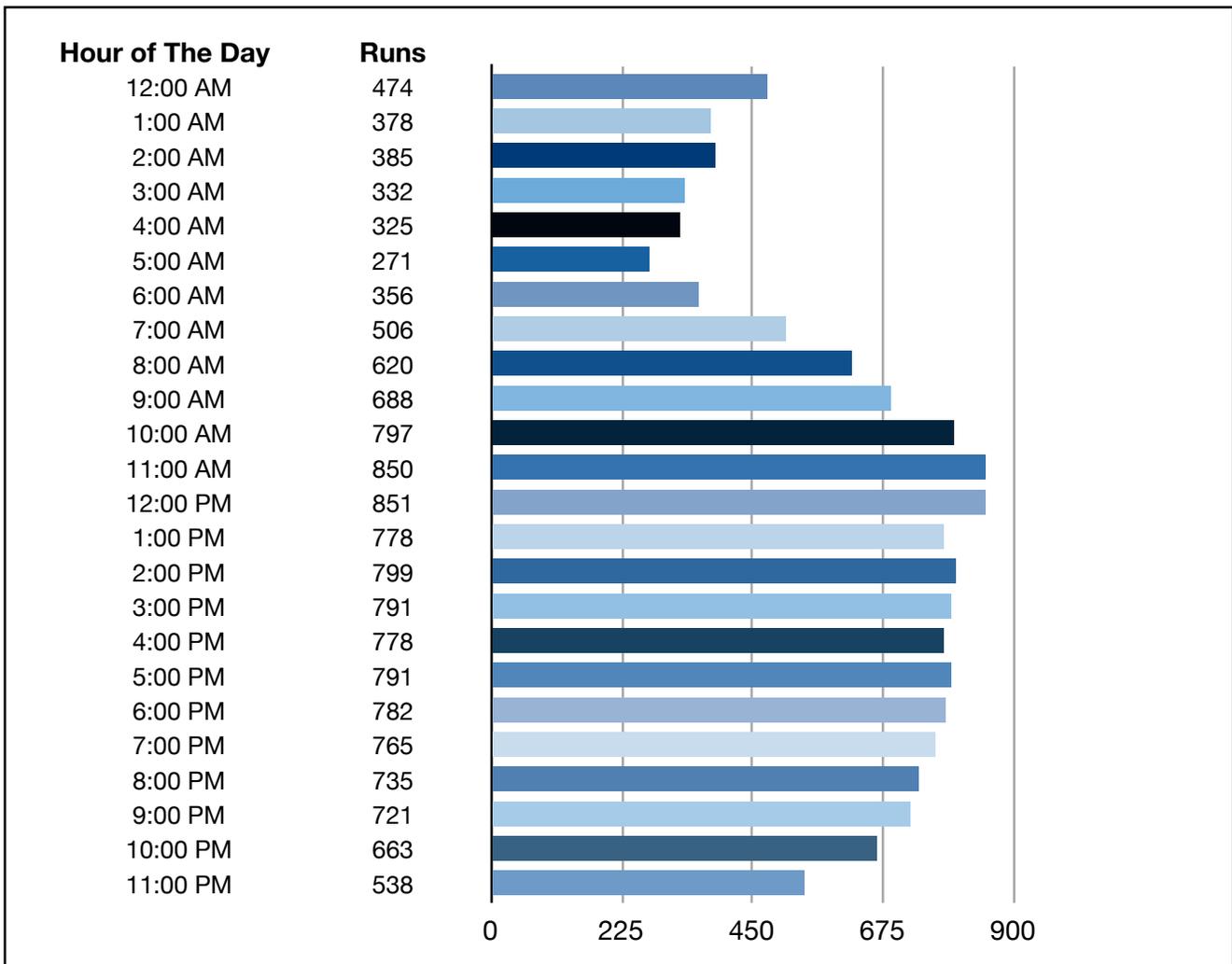
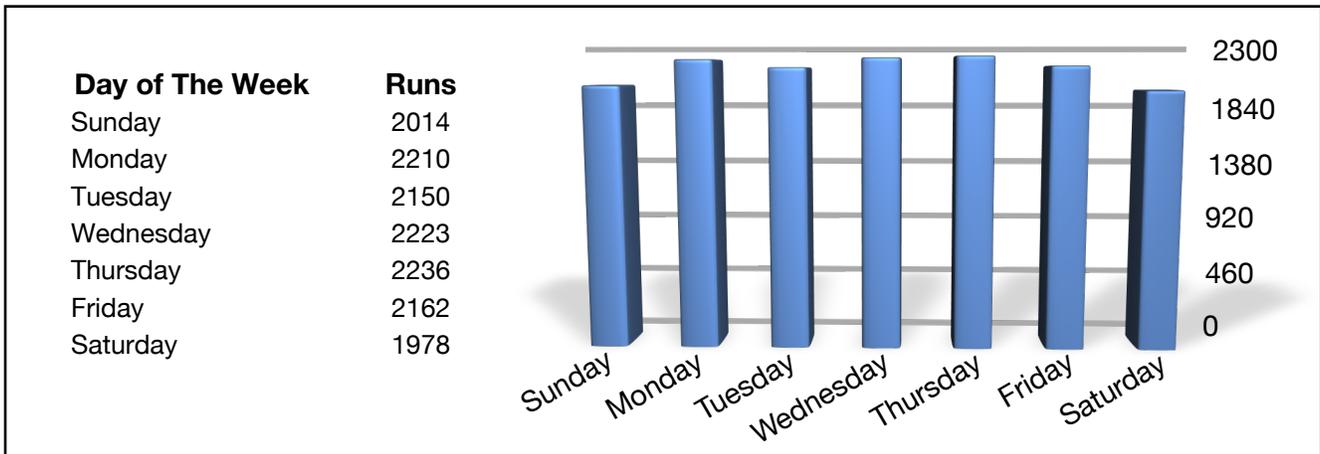


WARREN FIRE DEPARTMENT

2012 Annual Report

Incidents By Day of The Week and Hour of The Day

From: 01-01-2012 To: 12-31-2012



WARREN FIRE DEPARTMENT

2012 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	19	17	24	22	29	43	51	41	38	32	22	47	385
Workmens Comp	20	10	23	48	41	13	0	0	0	0	0	12	167
Quarter Time	10	10	10	18	20	20	20	30	20	14	6	0	178
Military Leave	1	0	1	2	0	0	0	0	6	0	0	0	10
Totals	50	37	58	90	90	76	71	71	64	46	28	59	740

Vacation, Personal Leave & Floating Holiday

Category	January	February	March	April	May	June	July	August	September	October	November	December	Total
Vacation	42	89	59	149	82	137	190	183	101	73	148	146	1399
Personal Leave	31	20	32	10	20	9	1	2	16	39	19	21	220
Totals	73	109	91	159	102	146	191	185	117	112	167	167	1619

Apparatus Out of Service

Category	January	February	March	April	May	June	July	August	September	October	November	December	Total
Apparatus Out of Service	7	8	11	27	11	23	5	1	0	0	0	0	93
Totals	7	8	11	27	11	23	5	1	0	0	0	0	93

WARREN FIRE DEPARTMENT

2012 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 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. During 2012, the Warren Fire Department provided mutual aid five times and requested mutual aid three times.

	January	February	March	April	May	June	July	August	September	October	November	December
Rendered							2	1	1		1	
Received				1		1	1					
Total				1		1	3	1	1		1	

Date	Rendered/Received	City	Equipment	Remarks
April 29	Received	Macomb County	Engines/Truck	Commercial Fire
June 26	Received	Tank Arsenal	Truck	Commercial Fire
July 15	Received	Sterling Heights	Station Fill-in	House Fire
July 17	Rendered	Sterling Heights	Engine 6	Commercial Fire
July 18	Rendered	Madison Heights	Squad 3	MVA
August 23	Rendered	Centerline	Rescue 4	Haz Mat
September 1	Rendered	Centerline	Engine 1	Medical
November 17	Rendered	Shelby Twp.	Engine 5	Commercial Fire

WARREN FIRE DEPARTMENT

2012 Annual Report

EMS DIVISION

The Warren Fire Department responded to 10,295 EMS runs and treated 10,166 patients in 2012, a 1.7% decrease in run volume from the year 2011.

Run priorities and totals are listed as follows:

	2009	2010	2011	2012	+/-
Priority 1	362	453	544	465	-79
Priority 2	3406	4357	4,770	5,033	+263
Priority 3	5410	5049	4,802	4,407	-395
Priority 4	268	226	269	264	-5
Total	9,446	10,085	10,385	10,169	-216

Chief of EMS

As Chief of EMS 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 an Instructor Coordinator license issued by the Michigan Department of Community Health. I am also responsible for maintaining the license of the Warren Fire Department as an Advanced Life Support provider. I am currently enrolled in a Paramedic Instructor Coordinator course at Macomb Community College and will take the State exam in May. I will then be responsible for WFD's certification by the State as an EMS Program Sponsor. This allows to be more flexible in our training dates which better suits our shift schedules.

WARREN FIRE DEPARTMENT

2012 Annual Report

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 licensing periods. There were 2,567 man hours of EMS training in 2012. Last year, 24 Paramedics, 1 Specialist, and 22 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. All personnel renewed their BLS cards in 2012, and are due to renew April of 2014.

Personnel

There currently are 57 Paramedics, 49 Basic EMT's, one EMT-S, and two Medical First Responders.

EMS Transport

The WFD continues to prove that transport has been a resounding success, since taking over from private EMS. With five ALS (Advanced Life Support) Engine Companies, providing the initial medical care, being supported by five transporting Squads, the citizens of Warren continue to receive emergency care that is second to none in this region of the State. Plans to add a sixth Squad in the near future will improve our EMS capability even more. Through collections using a third party billing company, we've been able to generate revenue to the City of Warren in excess of \$6,500,000.00 since transport resumed.

Tactical EMS

As Chief of EMS and being responsible for all EMS training, I am responsible for the additional training needed for the nine member Tactical EMS Team. The Warren Police Special Response Team continues to enjoy the Tactical EMS duties that WFD Tactical Medics provide. Nine 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 is fully operational and can assist the Warren Police in a variety of situations such as: high risk warrants, hostage rescue, barricaded suspects,

WARREN FIRE DEPARTMENT

2012 Annual Report

sniper situations, armed fugitive arrests, civil disturbances, and clandestine drug labs. This kind of commitment is unique to the eastern section of our Country as we continue to provide a service to our brothers in blue and our community that we can and have an obligation to provide.

For the Future

I will make every effort possible to put a sixth Paramedic Squad in service as soon as possible, and 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.

Mark Schimanski
Chief of EMS

WARREN FIRE DEPARTMENT

2012 Annual Report

2012 EMS Transport Receipts

The Warren Fire Department EMS treatment and transport service generated almost \$2.5 million in gross receipts during the 2012 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 \$20 million on a fiscal year basis.

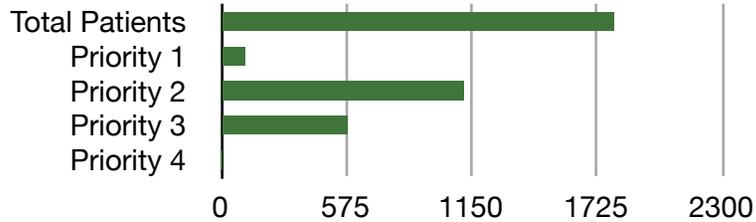
Month	Beginning Balance	Ending Balance	Revenue
January	\$4,134,984.00	\$4,351,478.00	\$216,494.00
February	\$4,351,478.00	\$4,543,451.00	\$191,973.00
March	\$4,543,451.00	\$4,775,758.00	\$232,307.00
April	\$4,775,758.00	\$4,960,187.00	\$184,429.00
May	\$4,960,187.00	\$5,176,084.00	\$215,897.00
June	\$5,176,084.00	\$5,414,823.00	\$238,739.00
July	\$5,414,823.00	\$5,568,335.00	\$153,512.00
August	\$5,568,335.00	\$5,791,116.00	\$222,781.00
September	\$5,791,116.00	\$5,941,477.00	\$150,361.00
October	\$5,941,477.00	\$6,161,140.00	\$219,663.00
November	\$6,161,140.00	\$6,443,419.00	\$282,279.00
December	\$6,443,419.00	\$6,604,836.00	\$161,417.00
		Total Revenue	\$2,469,852.00

WARREN FIRE DEPARTMENT

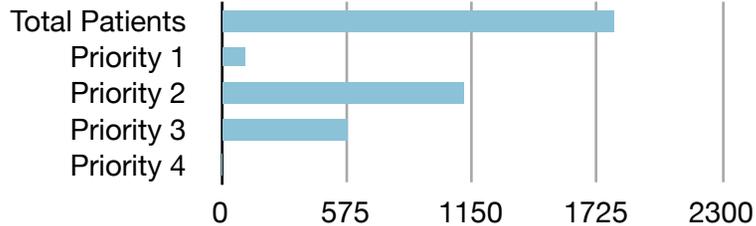
2012 Annual Report

Patient Care Report Totals By Squad and Priority

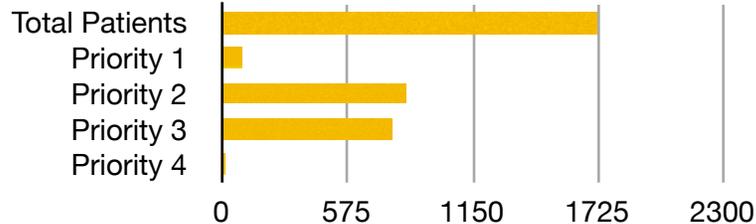
Squad 1	Priority 1	Priority 2	Priority 3	Priority 4
955	36	561	358	0



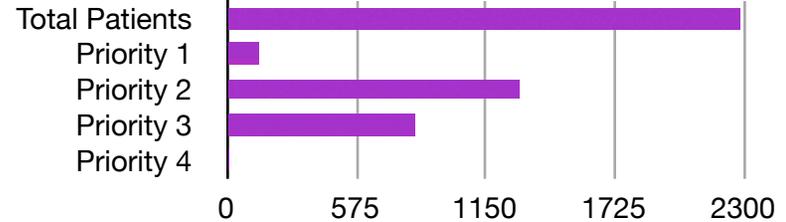
Squad 2	Priority 1	Priority 2	Priority 3	Priority 4
1800	108	1113	578	1



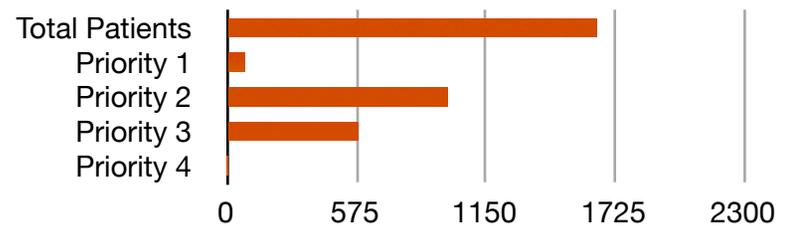
Squad 3	Priority 1	Priority 2	Priority 3	Priority 4
1720	88	844	778	10



Squad 5	Priority 1	Priority 2	Priority 3	Priority 4
2279	140	1297	835	7



Squad 6	Priority 1	Priority 2	Priority 3	Priority 4
1646	78	980	585	3



Patient Care Reports Agency Run Statistics

Warren Fire Department

Mon, Jun 24, 2013

2012	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
AGENCY TOTAL	873	811	861	841	870	814	883	866	793	838	812	907	10,169
<i>Priority #1</i>	45	40	36	42	32	37	42	33	38	39	39	42	465
<i>Priority #2</i>	397	406	392	430	428	387	427	479	395	426	410	456	5,033
<i>Priority #3</i>	411	341	412	353	382	378	386	340	333	346	339	386	4,407
<i>Priority #4</i>	20	24	21	16	28	12	28	14	27	27	24	23	264
Aborted	1	1	1	2		1	1	1			2	1	11
Refused	96	90	118	90	104	94	104	79	76	80	77	91	1,099
Transport	746	690	701	721	723	694	739	757	673	718	700	777	8,639
Other	30	30	41	28	43	25	39	29	44	40	33	38	420
Sex: Male	371	379	391	372	386	378	368	406	347	366	360	427	4,551
Female	502	432	470	469	484	436	515	458	446	472	452	480	5,616
Age: < 1	5	7	8	5	5	5	7	9	6	9	5	11	82
1 - 10	17	10	17	16	15	10	13	18	11	17	16	19	179
11 - 17	22	28	38	21	29	13	29	21	19	28	18	20	286
18 - 25	71	64	73	67	68	70	90	89	65	80	69	75	881
26 - 35	82	68	81	90	70	86	92	87	76	68	70	86	956
36 - 45	99	95	107	102	104	90	96	86	93	90	58	85	1,105
46 - 55	130	129	125	126	151	113	136	138	146	120	135	133	1,582
56 - 65	117	105	103	130	112	127	121	116	117	116	126	121	1,411
> 65	326	301	298	276	309	294	292	295	253	307	311	345	3,607
Unknown	4	4	11	8	7	6	7	7	7	3	4	12	80
TOTAL RUNS	873	811	861	841	870	814	883	866	793	838	812	907	10,169
Acute Abdominal	42	30	42	34	25	34	30	25	29	27	27	26	371
Allergy Reaction	3	3	8	6	8	6	5	5	5	9	3	4	65
Behavioral	16	19	19	20	17	27	20	25	20	18	14	11	226
Burns			3	1	3		2	1				2	12
Cardiac	70	89	70	87	84	76	69	81	70	73	66	89	924
Chemical/Poison	1		3		1		1	2	1	1		8	18
Diabetic	22	33	23	23	35	28	26	38	29	30	30	33	350
Domestic Violence	4		3		2				1				10
Drug/Overdose	38	29	35	29	26	21	45	49	28	20	22	19	361
Environmental					1	4					1	1	7
Motor Veh Trauma Res/Un	31	25	28	28	32	32	34	30	35	39	18	25	357
Neonatal									1				1
OB/GYN	13	14	8	5	10	7	14	9	8	19	4	13	124
Other Illness	346	320	338	337	336	326	353	329	292	327	352	375	4,031
Other Trauma	120	77	115	121	143	127	135	132	111	125	130	135	1,471
Pedestrian vs M Veh	2		1	2	1	2	6	2	4	5	3	3	31
Respiratory Distress	84	94	90	68	77	61	65	55	75	76	69	85	899
Seizure/Convulsions	43	43	43	51	35	42	46	47	50	35	36	48	519
Stroke/CVA/TIA	15	12	11	18	13	6	15	19	13	13	17	8	160
Unconscious Unknown	23	23	21	11	21	15	17	17	21	21	20	22	232

Patient Care Reports Agency Run Statistics

Warren Fire Department

Mon, Jun 24, 2013

2012	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
RESPONSE TIMES													
1 - 5 Minutes	277	249	272	264	264	261	310	320	302	316	263	302	3,400
6 - 10 Minutes	514	473	503	507	522	468	509	484	451	456	491	512	5,890
11 - 15 Minutes	73	65	69	60	70	63	45	53	30	53	43	69	693
> 15 Minutes	9	20	15	10	11	20	13	8	9	11	10	21	157
Unreported		4	2		3	2	6	1	1	2	5	3	29
HOSP RUNS BY PRI													
Beaumont Grosse Pointe								2	2			1	5
<i>Priority #1</i>													
<i>Priority #2</i>								2					2
<i>Priority #3</i>									2			1	3
Beaumont Royal Oak	10	7	7	3	9	12	7	13	16	20	12	14	130
<i>Priority #1</i>	3		3		1	6	4	1	5	5	2	1	31
<i>Priority #2</i>	5	4	3	3	4	5	2	10	7	8	8	11	70
<i>Priority #3</i>	2	3	1		4	1	1	2	4	7	2	2	29
Beaumont Troy	6	4	3		1	2		5	3	1	2		27
<i>Priority #1</i>													
<i>Priority #2</i>	4	3	3			2		3	1	1	2		19
<i>Priority #3</i>	2	1			1			2	2				8
Detroit Childrens Hospital		2	3	3	2			3	1	1	3	1	19
<i>Priority #1</i>		1						2			1		4
<i>Priority #2</i>		1	1	3	2			1	1	1	1	1	12
<i>Priority #3</i>			2								1		3
Detroit Receiving Hospital	2		2		2	1		1		2	1		11
<i>Priority #1</i>			1		1	1		1					4
<i>Priority #2</i>	2		1		1					2			6
<i>Priority #3</i>											1		1
Henry Ford Detroit		1			1						1		3
<i>Priority #1</i>													
<i>Priority #2</i>													
<i>Priority #3</i>		1			1						1		3
Henry Ford Macomb	2	2		4	2	3	1	1	1	1	1	1	19
<i>Priority #1</i>													
<i>Priority #2</i>	2	1		3	2	1	1	1		1		1	13
<i>Priority #3</i>		1		1		2			1		1		6
McLaren Macomb											2	4	6
<i>Priority #1</i>											1	2	3
<i>Priority #2</i>											1	2	3
<i>Priority #3</i>													
Mt Clemens Regional	1	1	2	3	2	1	1	1	4	4			20
<i>Priority #1</i>	1			2	1		1		3	1			9
<i>Priority #2</i>		1	2	1		1				2			7
<i>Priority #3</i>					1			1	1	1			4

Patient Care Reports Agency Run Statistics

Warren Fire Department

Mon, Jun 24, 2013

2012	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
St John Detroit	6	1	4	5	7	4	5	7	4	5	5	11	64
<i>Priority #1</i>		1			1	1	1	3		2	1	3	13
<i>Priority #2</i>	5		4	5	5	3	4	4	3	2	3	8	46
<i>Priority #3</i>	1				1				1	1	1		5
St John Macomb	371	366	397	486	485	438	531	555	476	506	514	548	5,673
<i>Priority #1</i>	25	24	19	31	22	23	24	17	22	22	24	26	279
<i>Priority #2</i>	219	238	246	304	312	267	324	361	290	304	305	330	3,500
<i>Priority #3</i>	127	104	132	151	151	148	183	177	164	179	185	192	1,893
St John Oakland	155	162	151	177	174	191	171	155	148	158	149	169	1,960
<i>Priority #1</i>	7	7	6	9	6	5	12	9	8	9	10	10	98
<i>Priority #2</i>	78	75	78	99	87	92	89	85	81	97	88	89	1,038
<i>Priority #3</i>	70	80	67	69	81	94	70	61	59	52	51	69	823
HOSP TOTAL	553	546	569	681	685	652	716	743	655	698	690	749	7,937

WARREN FIRE DEPARTMENT

2012 Annual Report

Fire Prevention Division

In 2012, the Fire Prevention Division continued to perform the 3 main duties of Fire Prevention; community education, fire code enforcement and fire investigation.

We performed annual inspections, certificate of compliance inspections and final 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 also distributed over 100 Knox Box applications and were instrumental in getting over 70 Knox Boxes installed on commercial buildings while enforcing the City's revised Knox Box ordinance.

We continued to investigate fires for the purpose of origin and cause determination. Together with the Warren Police Department, 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.

In cooperation with the Fire Fighting Division, we continued to educate the public in the area of fire prevention, both in schools and in other community arenas. Our elementary school Fire Prevention Week classes were very popular in 2012, again providing classes for preschool, elementary school and even high school students. The Fire Prevention Division would like to extend a special thank you to Firefighters Hill and Perna and acknowledge the extraordinary job they did during Fire Prevention Week.

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

Inspection Number and Type	Number of Reports
1. Certificate of Compliance	365
2. Annual Inspections	113
3. Final Inspections	004
4. Re-inspections	062

WARREN FIRE DEPARTMENT

2012 Annual Report

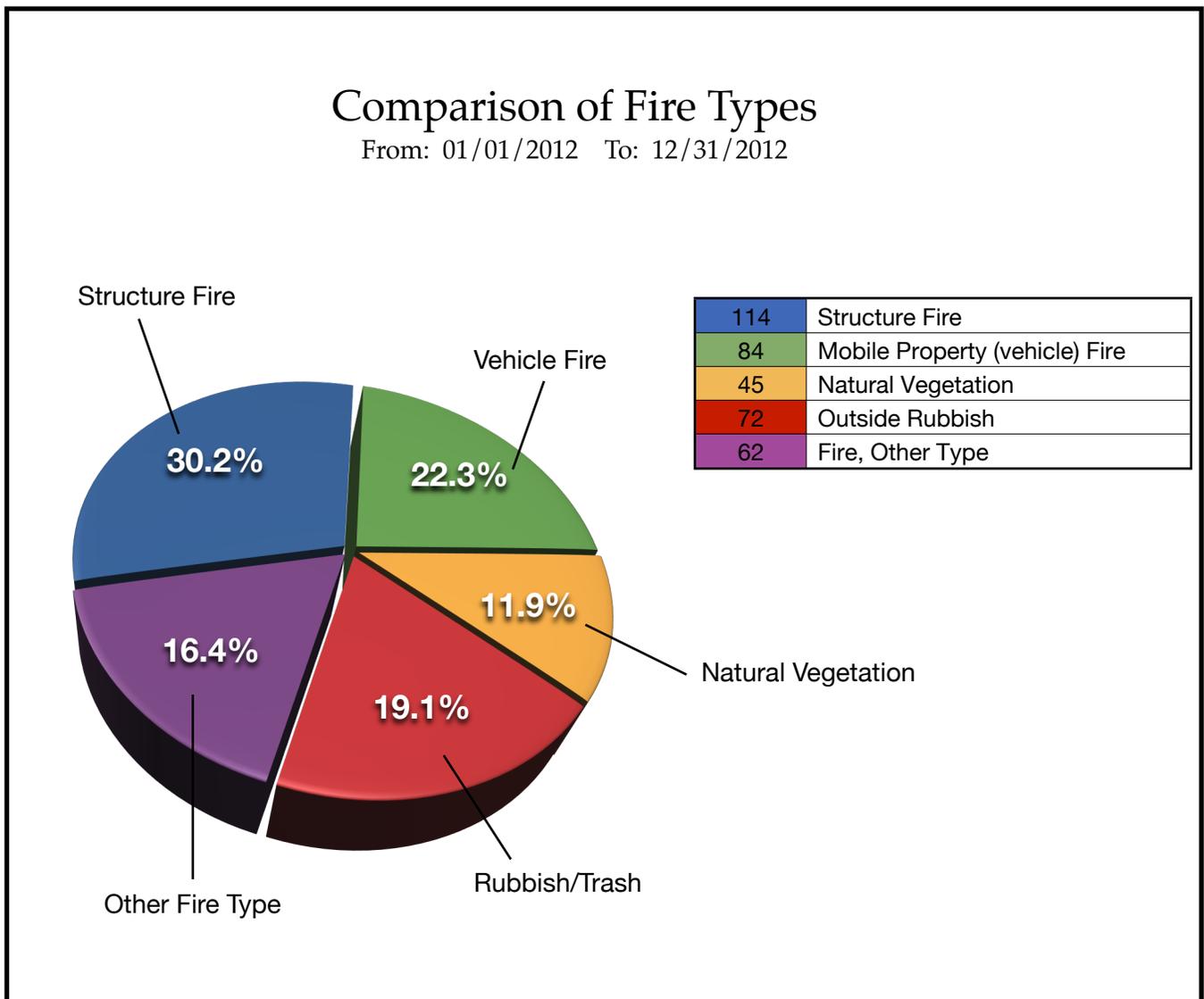
5.	Alarm Tests	049
6.	Site Plan Reviews	093
7.	Building Plan Reviews	004
8.	City Hall Mail	041
9.	Fire Investigations	086
10.	Fire Investigation Reports	081
11.	Court/District Appearances	000
12.	Court/Circuit Appearances	000
13.	Complaints	047
14.	Phase One Environmental Site Reviews	038
15.	CDBG Site Reviews	021
16.	Letters/Correspondences	017
17.	Code Compliance Meetings	021
18.	Fire Safety Programs/Schools	002
19.	Fire Safety Programs/Private	004
20.	Code Research	028
21.	Other/Misc Activities	028
22.	Hydrant Flow Tests	010
23.	Acceptance Tests - Fire Suppression Non Water	003
24.	Sprinkler System Hydro Tests	021
25.	Sprinkler System Underground Flushes	002
26.	School/Training Classes	015
27.	Annual/Monthly/Daily Reports	032
28.	FOIA Requests	018
29.	Haz Mat Related Activities	003
30.	Fire Department Staff Meetings	035
31.	Pre-final Walk Throughs	024
32.	Fire Suppression Plan Reviews	057
33.	Fire Alarm Plan Reviews	040
34.	Fire Suppression Puff Tests	020
35.	License Compliance Inspections	030
36.	Knox Box Compliance/Inspections	124
37.	NFIRS Report Compliance Reviews	205
38.	Evidence Transported to MSP Crime Lab	006
39.	Tech Committee Meetings	002
<hr/>		
	Total Inspector Activities	1751

WARREN FIRE DEPARTMENT

2012 Annual Report

2012 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.



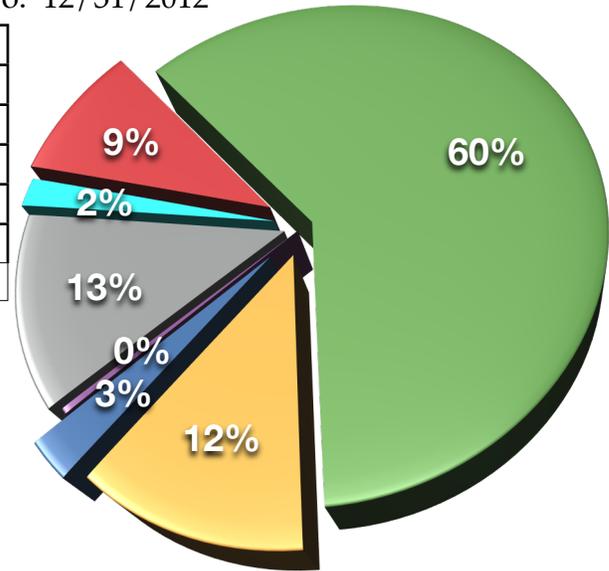
WARREN FIRE DEPARTMENT

2012 Annual Report

Comparison of Fire Causes

From: 01/01/2012 To: 12/31/2012

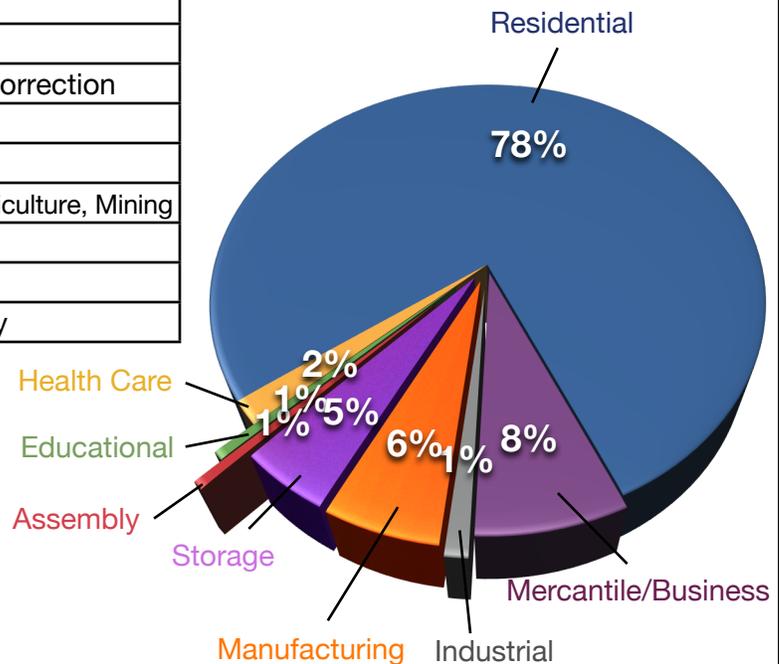
24	Intentional
157	Unintentional
32	Failure of Equipment
7	Act of Nature
1	Under Investigation
34	Undetermined
5	Other (Exposure Fire)



Building Fires by Property Class

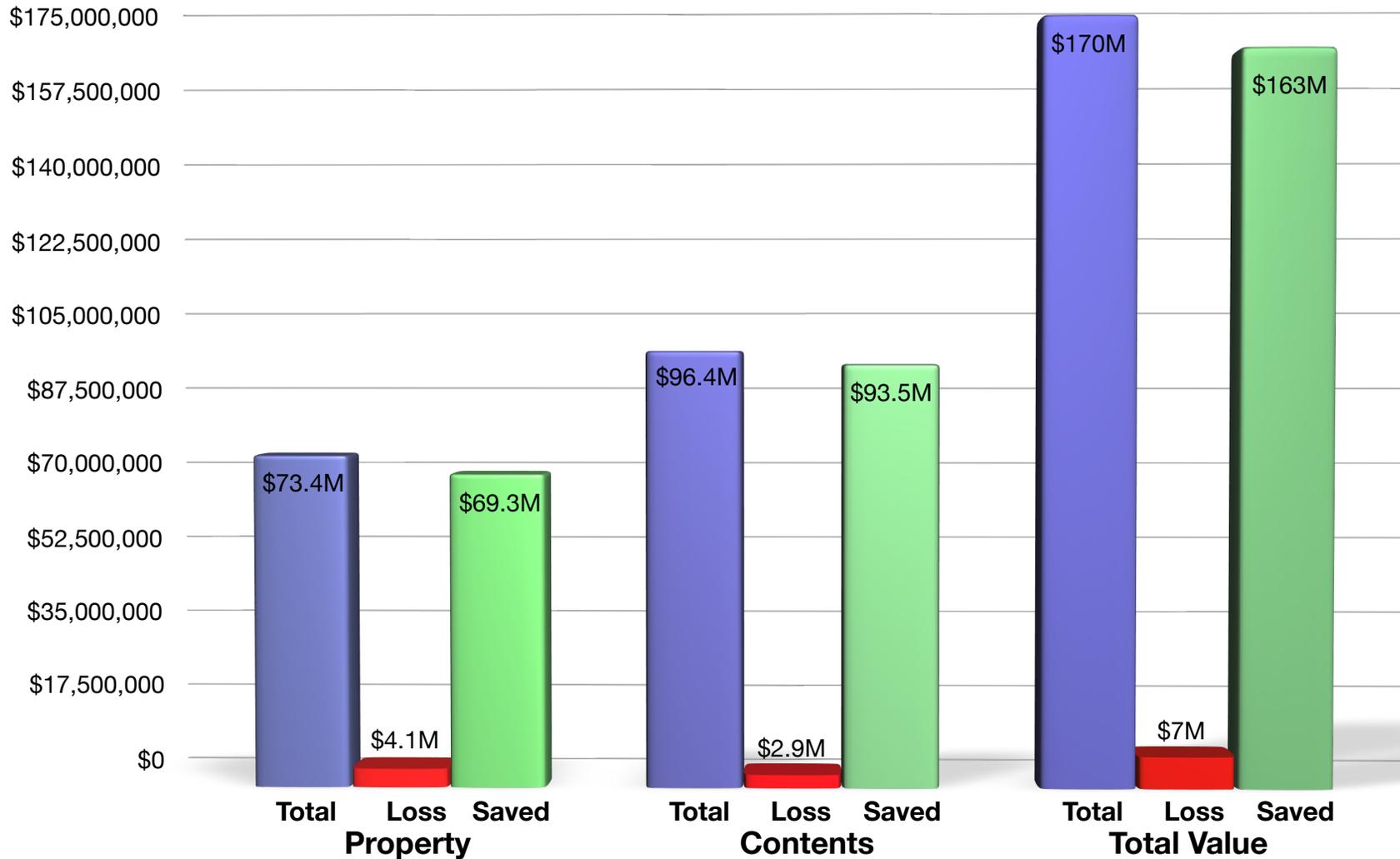
From: 01/01/2012 To: 12/31/2012

1	Assembly
1	Educational
3	Health Care, Detention & Correction
132	Residential
13	Mercantile, Business
2	Industrial, Utility, Defense, Agriculture, Mining
10	Manufacturing, Processing
8	Storage
0	Outside or Special Property



WARREN FIRE DEPARTMENT 2012 Annual Report

Comparison of Property Value, Loss & Saved in Fires
From: 1/1/2012 To: 12/31/2012



WARREN FIRE DEPARTMENT

2012 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
01230	1/31	22100 Sherwood	Commercial	\$0	\$40,000	0	0	0	Commercial recycling operation. Large fire involving outdoor storage. Fire cause is undetermined.
01468	2/7	32315 Tecla	Residential	\$30,000	\$50,000	0	0	0	Single family dwelling. Fire origin in attached garage. Fire cause is undetermined.
02074	2/22	26545 Palomino	Residential	\$30,000	\$30,000	0	0	0	Single family dwelling. Fire origin in attic space. Fire cause is unintentional.
02701	3/9	2295 10 Mile	Commercial	\$0	\$50,000	0	0	0	Dollar Tree store fire. Fire origin in customer shopping area. Fire cause is intentional.
02822	3/12	5538 Casmere	Residential	\$50,000	\$30,000	0	0	0	Single family dwelling. Fire origin in front bedroom. Fire cause is unintentional.
03305	3/24	4857 Kingsley	Residential	\$100,000	\$40,000	0	0	0	Single family dwelling. Fire origin in basement. Fire cause is undetermined.
03748	4/3	26160 Regency Club	Multifamily Dwelling	\$40,000	\$20,000	0	0	0	Apartment fire. Fire origin in kitchen. Fire cause is unintentional.
03769	4/4	25373 Groesbeck	Commercial	\$10,000	\$250,000	0	0	0	Fire origin in dust collection system. Fire cause is unintentional.
03923	4/8	4318 Marr	Residential	\$20,000	\$50,000	2	0	0	Garage fire. Fire cause is intentional.

WARREN FIRE DEPARTMENT

2012 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
04040	4/11	30003 Van Dyke	Commercial	\$500,000	\$500,000	0	1	0	GM Tech Center. Fire with explosion. Fire origin in battery test cell. Fire cause is unintentional.
04781	4/29	27825 Ryan	Commercial	\$150,000	\$100,000	0	0	0	Young's Garden Mart. Fire origin in north end of sales floor. Fire cause is undetermined.
04864	5/1	13437 Georgiana	Residential	\$25,000	\$10,000	1	0	0	House fire. Fire origin is undetermined. Fire cause is undetermined.
05010	5/4	22600 Nagel	Commercial	\$350,000	\$800,000	0	0	0	Commercial fire. Origin in shop area. Fire cause is unintentional.
05198	5/8	21432 Dequindre	Multifamily dwelling	\$35,000	\$20,000	0	0	0	Apartment fire. Fire origin in 1st floor apartment. Fire cause is intentional.
05637	5/19	27612 Lorraine	Residential	\$60,000	\$50,000	0	0	0	House fire. Fire origin in bedroom. Fire cause is unintentional.
05654	5/19	13451 Harold	Residential	\$30,000	\$2,000	0	0	0	House fire. Fire origin on exterior of the house, spreading into the attic. Fire cause is unintentional.
06792	6/15	28820 Milton	Residential	\$50,000	\$15,000	0	0	0	House fire. Fire origin in upstairs bedroom. Fire cause is unintentional.
06947	6/19	26045 Regency Club	Multifamily Dwelling	\$30,000	\$10,000	0	0	0	Apartment fire. Fire origin in kitchen. Fire cause is unintentional.

WARREN FIRE DEPARTMENT

2012 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
07334	6/27	4242 10 Mile	Commercial	\$25,000	\$10,000	0	0	0	Commercial fire. Fire origin in 2nd story office. Fire cause is unintentional.
07796	7/8	20793 Atlantic	Residential	\$40,000	\$10,000	0	0	0	House fire. Fire origin on porch. Fire cause is intentional.
07984	7/12	24660 Industrial	Commercial	\$40,000	\$40,000	0	0	0	Commercial fire. Fire origin in shop. Fire cause is unintentional.
08098	7/15	21526 Doepfer	Residential	\$50,000	\$10,000	0	0	0	House fire. Fire origin in rear family room . Fire cause is undetermined.
08813	7/31	27222 Gloede	Commercial	\$50,000	\$100,000	0	0	0	Commercial fire. Fire origin in shop area. Fire cause is unintentional.
09144	8/8	24155 Wahl	Commercial	\$10,000	\$50,000	0	0	0	Commercial fire. Fire origin in shop. Fire cause is unintentional.
09615	8/19	23767 Stewart	Residential	\$30,000	\$1,000	0	0	0	House fire. Fire origin in rear family hallway/closet . Fire cause is undetermined.
09741	8/22	5238 Jade	Residential	\$25,000	\$15,000	0	0	0	House fire. Fire origin in family room. Fire cause is undetermined.
10978	9/20	24355 Hoover	Commercial	\$30,000	\$10,000	0	0	0	Commercial fire. Fire origin in tire storage area. Fire cause is unintentional.

WARREN FIRE DEPARTMENT

2012 Annual Fire Report

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

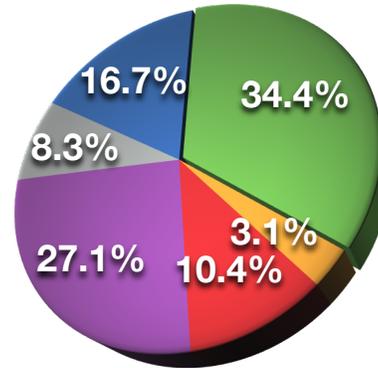
Incident Number	Date	Incident Address	Property Type	Property Loss	Contents Loss	FF Injuries	Civilian Injuries	Civilian Deaths	Summary
11419	10/1	02448 Bernice	Residential	\$80,000	\$10,000	0	0	0	House fire. Fire origin in kitchen. Fire cause is undetermined.
13044	11/10	13902 Toepfer	Residential	\$30,000	\$10,000	0	0	0	House fire. Fire origin in living room. Fire cause is intentional.
13317	11/16	04806 Nine Mile	Commercial	\$100,000	\$60,000	0	0	0	Commercial restaurant fire. Fire origin in kitchen. Fire cause is undetermined.
13897	11/30	04959 Ten Mile	Commercial	\$75,000	\$75,000	0	0	0	Car wash fire. Fire origin in attic. Fire cause is unintentional.
14087	12/6	04242 10 Mile	Commercial	\$1,000,000	\$100,000	0	0	0	Commercial fire. Fire origin in back work room. Fire cause is undetermined.
14246	12/10	13440 Brainwood	Residential	\$40,000	\$80,000	0	0	0	House fire. Fire origin in bedroom. Fire cause is unintentional.
15104	12/30	04069 8 Mile	Commercial	\$50,000	\$20,000	0	0	0	Commercial barber shop fire. Fire origin in customer area. Fire cause is intentional.
Totals				\$3,185,000	\$2,668,000	3	1	0	

Special Operations Division Hazardous Materials Report

In 2012 the Warren Fire department responded to 96 incidents identified as involving some type of hazardous substance release.

16	Flammable/Combustible Liquid or Gas
33	Natural Gas or Propane Leak
3	Oil or Other Combustible Liquid
10	Chemical Hazard (Environmental Monitoring)
26	Carbon Monoxide
8	Other

Haz-Mat Incidents



Hazardous Materials Training

During 2012 the city Hazardous Materials Team consisted of 24 members, of which 10 of those members are on the county Haz-Mat team. Our city team received 375 man hours of training in 5* training sessions. Training sessions provided an average annual training of 26 hours 45 minutes per member. The County Team received 466 man hours of training in 8 training sessions. The training sessions provided an average of 46 hours 30 minutes per member this year.

*Due to budget constraints City Haz-Mat training was reduced.

Macomb County Hazardous Materials Response Team

As of May of 2012, "The Macomb County Hazardous Materials Team" was officially in operation if called upon. It is comprised of 45 hazardous materials technician or specialist trained personnel from around the county. This cooperative effort will bring additional monies for training and equipment to our departments. All of the departments will continue to maintain their individual hazardous materials response capability and this new consortium will be an additional resource in the county.

New Equipment Acquisitions

During 2012 the Warren Fire Department through capital improvements, purchased eleven new Powered Air Purifying Respirators. The new equipment is valued at approximately \$11,000 and has replaced the outdated PAPR system.

County purchases for Haz-Mat included: Laptop computers and printers, replacing expired equipment and getting new required equipment to have a response as a FEMA resource "Type 2" Haz-Mat Team at a approximate cost of \$4,000.



2012 Annual Report

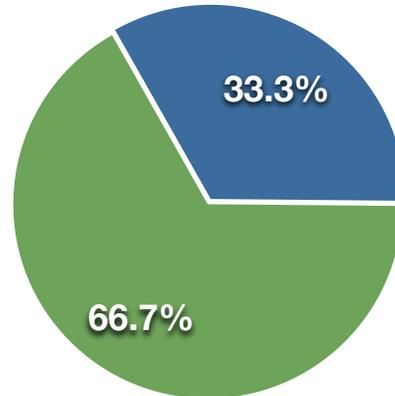
Special Operations Division

Technical Rescue

In 2012 the Warren Fire department responded to 3 incidents identified as involving some type of technical rescue expertise.

Tech Rescue Responses

1	Confined Space Entry/Rescue
2	Partial/Total Building Collapse
0	Machine Rescue
0	Ropes/Hi Angle Rescue
0	Trench Rescue



Technical Rescue Training

During 2012 the city Tech Rescue Team received 144 man hours of training in 3 training sessions. Those training sessions provided an average training of 7 hours per member. MMRS grant monies provided additional training courses. 6 of the city team members attended a 32 hour Confine Space Rescue class and 9 members in 40 hour Collapse Rescue Operations class. OSHA grant monies sponsored a 24 hour machine rescue class attended by 9 team members. 19 members out of 20 are now certified in machine rescue.

The 9 members on the county Tech Rescue team received 78 hours of training in 3 training sessions averaging 8 1/2 hours per member for the year.

Macomb County Technical Rescue Team

In 2012 the four Regional Response and other cities Tech Rescue Teams in Macomb County are a combined team and now deployable. It is comprised of 45 rescue specialist trained personnel from around the county. There are 9 personnel from Warren on the county's 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 capability and this new consortium will be an additional resource for our city.

New Equipment Acquisitions

During 2012 the Warren Fire Department purchased a Collapse Rescue Truck for Tech Rescue at a cost of \$80,000. This was paid for by The MMRS grant fund.

