

WARREN FIRE DEPARTMENT



2010 Annual Report



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



April 1, 2011

The Honorable James R. Fouts
Mayor

WARREN FIRE DEPARTMENT

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

Re: 2010 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, 2010.

During 2010, the department responded to 13,460 alarms for the year. Of these responses, 10,084 were emergency medical incidents, which makes up 75% of all emergency incidents responded to by the department. Additionally, the department responded to three hundred and sixty-five (365) fire incidents of all types during 2010, with the remainder classified as general responses of all types totaling two thousand, nine hundred eighty-one (2,981). Total incident responses for all companies amounted to 24,010 alarms requiring emergency responses for fire apparatus of all types depending upon the type of incident reported. There were fourteen (14) serious civilian injuries and two (2) civilian deaths, as well as one (1) significant injury to a firefighter resulting in lost work days for fire department employees. Also during the year there were nine (9) non-fire duty injuries to firefighters resulting in one hundred fifty-three (153) total days of work lost or three thousand seven hundred sixty-two (3,762) hours of lost man hours. Estimated fire losses for the year 2010 exceeded \$2.467 million dollars in real property losses and \$1.183 million in personal property losses during the year. There were fifty-six (56) fires where the estimated total loss was greater than \$25,000.00, of which four (4) incidents exceeded an estimated \$100,000.00 or greater of real property loss. The most significant fire loss during 2010 occurred at 24657 Mound Road in a manufacturing facility, with the estimated real and personal property loss of \$110,000.00 and displacing the entire workforce for an extended period while repairs were made to the facility.

I would also like to take this opportunity to recognize the men and women of the Warren Fire Department for continuing to uphold the finest traditions of the fire service in a manner which instills trust by the citizens and business owners of our community and as employees of City of Warren. In addition, I would like to recognize the efforts of the Administrative personnel including the Fire Marshall and the Chiefs of Firefighting,

Emergency Medical Services, Hazardous Materials, Apparatus and Training, in providing direction and supervision to the workforce. Additionally, I would also like to acknowledge the efforts of the secretarial staff, whom without their knowledge and dedication in performing the administrative functions necessary to administer a fire department, ensures that emergency response personnel are able to accomplish our 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 2011 and the challenges it will present given the economic challenges we are facing as a community, state and country. In closing, 2010 was a year of transition for the department with the reinstatement of medical transport services and continued turnover of senior employees due to retirements and separations. I am extremely confident that the entire workforce are 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 black ink that reads "Wilburt McAdams". The signature is written in a cursive, flowing style.

Wilburt McAdams
Fire Commissioner

WARREN FIRE DEPARTMENT

2010 Annual Report

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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

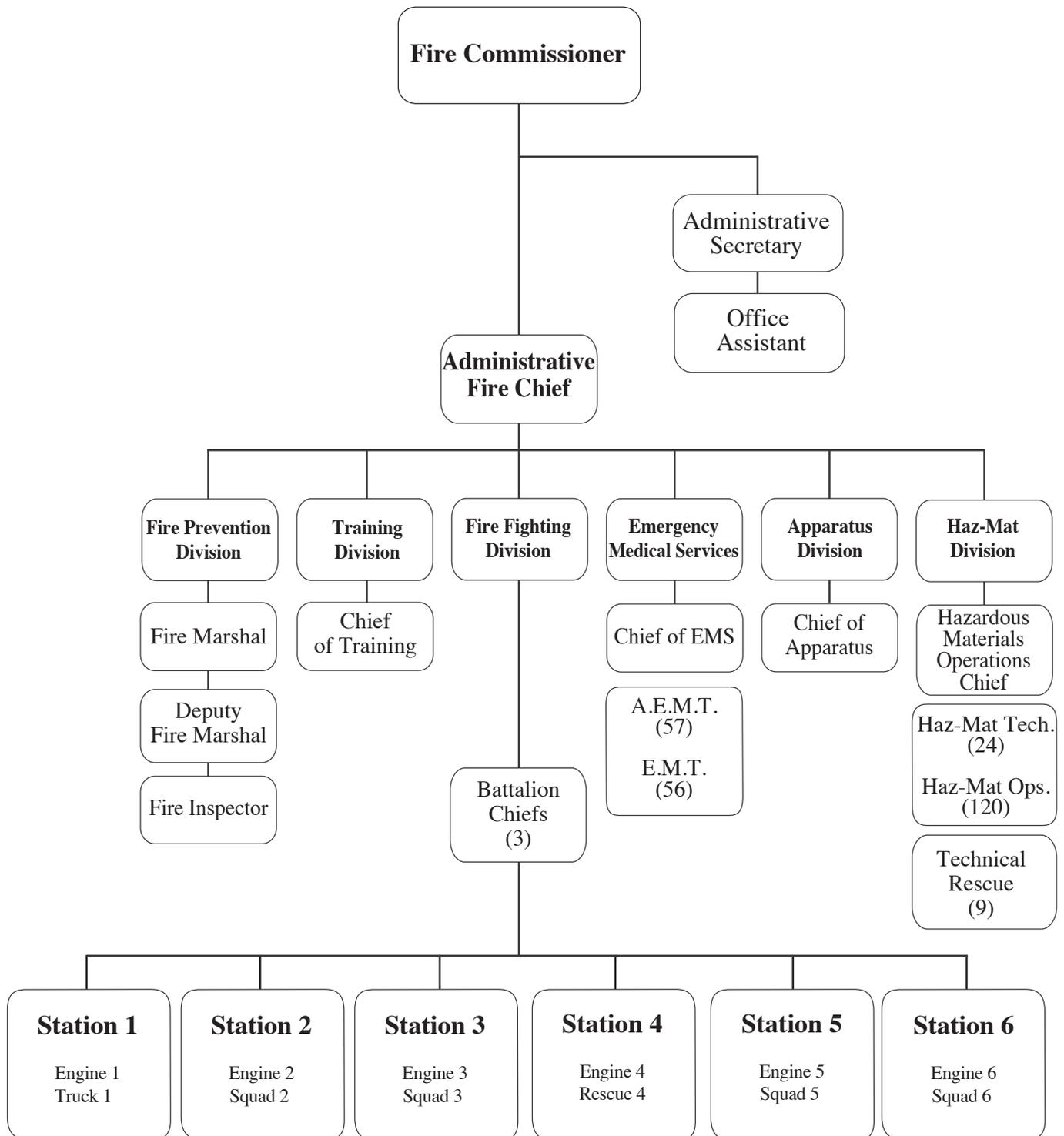
The Warren Fire Department will accomplish its mission by responding to any emergency situation which threatens Life, Safety, or Property. In cases where the Warren Fire Department is not the appropriate agency, is not capable of delivering the needed assistance, or if the situation is not a true emergency,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

Organization Structure - December 31, 2010



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Personnel Changes

Effective January 4, 2010

| | |
|--|-------|
| Probationary Firefighter Nicholas Belsky | Hired |
| Probationary Firefighter Russell Rivard | Hired |

Effective January 11, 2010

| | |
|---------------------------------------|-------|
| Probationary Firefighter Justin Kelly | Hired |
|---------------------------------------|-------|

Effective March 18, 2010

| | |
|--|-------|
| Probationary Firefighter Aaron Machiniak | Hired |
| Probationary Firefighter Jeffrey Middleton | Hired |

Effective April 9, 2010

| | |
|-------------------------------|-----------------|
| Battalion Chief Brian Krzesak | Retired |
| Captain Frederick Helfmann | Retired |
| Lieutenant Daniel Jarosz | Retired |
| Captain Scott Wiegand | Battalion Chief |

Effective April 15, 2010

| | |
|--|---------------------------|
| Hazardous Materials Chief David Vinson | Retired |
| Lieutenant David Frederick | Hazardous Materials Chief |
| Firefighter Eric Kamm | Hired |
| Firefighter David McClain | Hired |
| Firefighter Joseph Schehr | Hired |
| Firefighter Stephen Sell | Hired |

Effective April 16, 2010

| | |
|-------------------------------|---------|
| Lieutenant/AEMT James Theisen | Retired |
|-------------------------------|---------|

Effective May 24, 2010

| | |
|---|-------|
| Probationary Firefighter Richard Lisiecki | Hired |
| Probationary Firefighter Timothy Osborne | Hired |
| Probationary Firefighter George Reidt | Hired |
| Probationary Firefighter Anthony Valente | Hired |
| Probationary Firefighter Matthew Wierman | Hired |

Effective May 26, 2010

| | |
|----------------------|------------|
| Sergeant John Lovins | Lieutenant |
| FEO Paul Lesnau | Sergeant |

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Effective September 20, 2010

| | |
|---------------------------|-------|
| Firefighter William Alter | Hired |
| Firefighter Scott Perry | Hired |

Effective September 11, 2010

| | |
|------------------------------------|-------------|
| Medical Retirement Mark Schimanski | Firefighter |
|------------------------------------|-------------|

Effective September 24, 2010

| | |
|-----------------------------|-----------------|
| Deputy Chief Lawrence Speck | Retired |
| Lieutenant Kurt Reppenhagen | Battalion Chief |
| Sergeant Kenneth Meyer | Lieutenant |
| FEO Ronald Laszczak | Sergeant |

Effective October 24, 2010

| | |
|-----------------------------|------------------|
| Firefighter Mark Schimanski | Firefighter/AEMT |
|-----------------------------|------------------|

Effective November 5, 2010

| | |
|----------------------------------|-----------------|
| Lieutenant Curt Behnke | Battalion Chief |
| Sergeant Donald Tharrett | Lieutenant |
| Firefighter/AEMT Mark Schimanski | Sergeant/AEMT |

Effective November 15, 2010

| | |
|-----------------------------|-------|
| Firefighter Michael Zuidema | Hired |
|-----------------------------|-------|

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Primary Incident Response Report

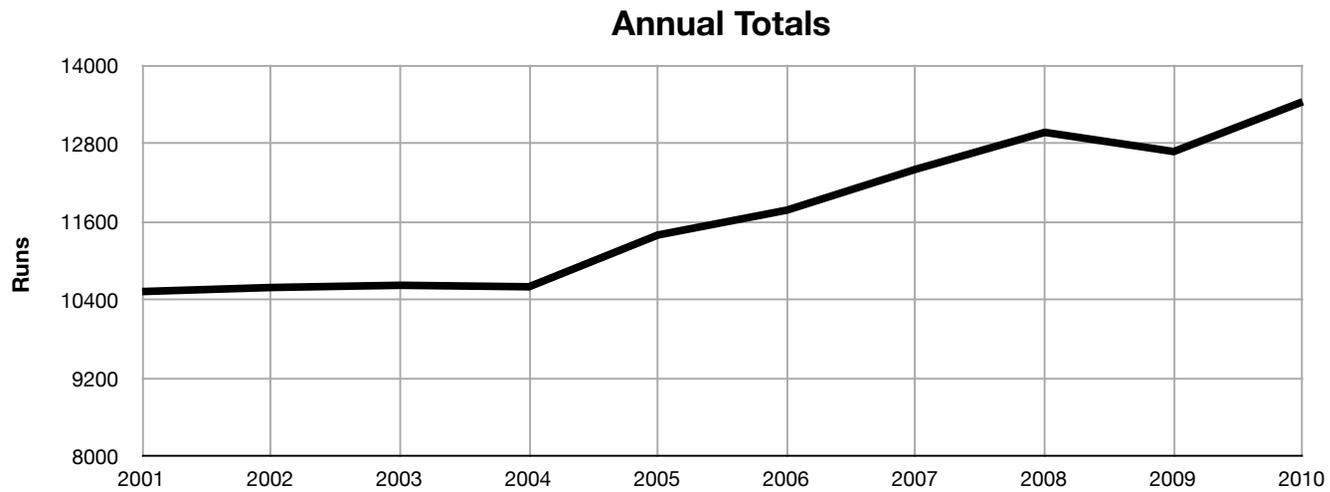
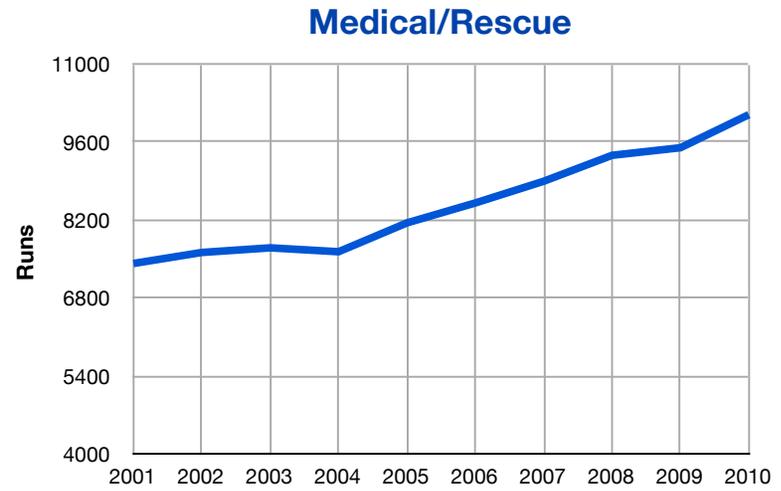
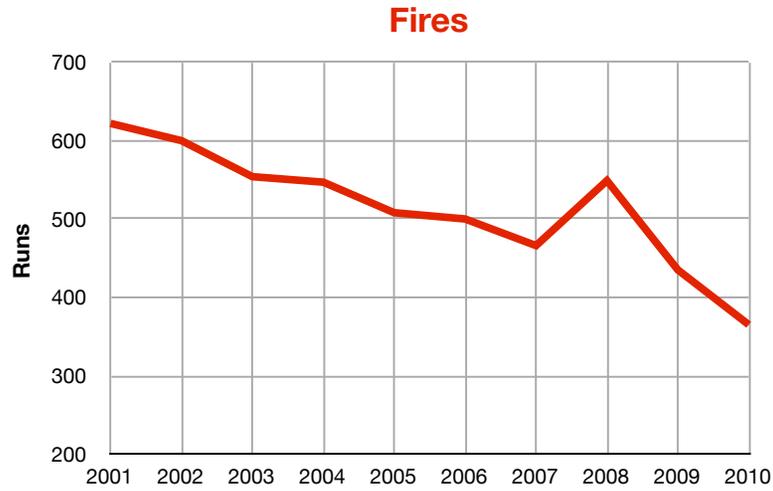
For the Year 2010

| | Eng Co. 1 | Eng Co. 2 | Eng Co. 3 | Eng Co. 4 | Eng Co. 5 | Eng Co. 6 | Truck Co. 1 | Rescue Co. 4 | Squad 2 | Squad 3 | Squad 5 | Squad 6 | Total |
|--|--------------|--------------|--------------|--------------|--------------|--------------|----------------|-----------------|------------|------------|------------|------------|--------------|
| 1. Fire, Explosion With Fire, Crash With Fire | 46 | 92 | 69 | 14 | 59 | 74 | 7 | 3 | 1 | 0 | 0 | 0 | 365 |
| 2. Overpressure, Rupture, Explosion (No Fire) | 0 | 0 | 4 | 2 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 11 |
| 3. Rescue, Crash (No Fire), Emergency Care | 1432 | 1808 | 1892 | 600 | 2528 | 1712 | 17 | 19 | 16 | 32 | 26 | 12 | 10094 |
| 4. Hazardous Condition | 52 | 68 | 63 | 12 | 48 | 38 | 14 | 49 | 0 | 0 | 0 | 0 | 344 |
| 5. Public Service Call | 138 | 255 | 250 | 64 | 282 | 177 | 25 | 3 | 0 | 6 | 2 | 1 | 1203 |
| 6. Good Intent Call | 161 | 199 | 212 | 56 | 207 | 163 | 19 | 13 | 3 | 2 | 3 | 1 | 1039 |
| 7. False Alarm | 39 | 74 | 36 | 21 | 90 | 63 | 32 | 29 | 0 | 0 | 0 | 0 | 384 |
| 8. Other Call | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total Responses | 1868 | 2496 | 2526 | 769 | 3217 | 2228 | 115 | 116 | 20 | 40 | 31 | 14 | 13440 |

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Statistical Trends of the Last Decade



WARREN FIRE DEPARTMENT

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ANALYSIS OF STATISTICS

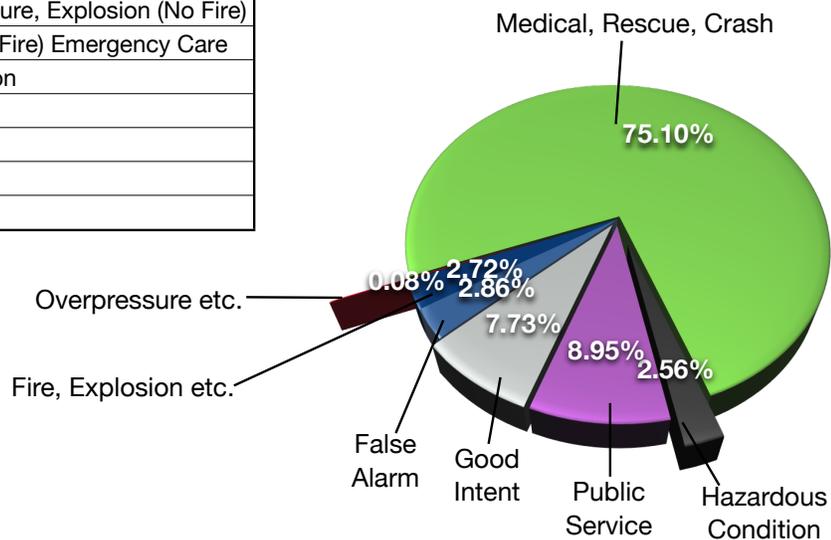
In 2010 the Warren Fire Department had twelve apparatus that responded to emergencies within our city and to surrounding communities during times of major incidents. These apparatus are comprised of six engine companies, one ladder truck, one rescue and four squads. In addition our fleet contains three 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 following four pages contain the statistical information for the 2010 year. This information has been reported in several ways to provide a more complete and accurate accounting of incident response numbers and times. The Warren Fire Department responded to 13,440 incidents in 2010 which represents a 6.0% increase in run volume as compared to 2009. Since some incidents are more severe and require multiple companies, our total company responses for 2010 was 29,550, which represents a 68% increase when compared to the 18,381 responses in 2009. This dramatic increase in total apparatus responses is due to the return of EMS transport in January of 2010. Overall, our incident totals are up about 15% over the past 5 years, which represents an average increase in run volume of 3% per year. It is anticipated that incident responses will increase 3% to 5% again next year.

Comparison of Primary Incident Types

01/01/2010 - 12/31/2010

| | |
|-------|--|
| 365 | Fire, Explosion With Fire, Crash With Fire |
| 11 | Overpressure, Rupture, Explosion (No Fire) |
| 10094 | Rescue, Crash (No Fire) Emergency Care |
| 344 | Hazardous Condition |
| 1203 | Public Service Call |
| 1039 | Good Intent Call |
| 384 | False Alarms |
| 0 | Other |



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| RUN TOTALS | |
|------------------------------|-------|
| Total Incidents | 13440 |
| Total Fires | 365 |
| Total Medicals..... | 10094 |
| Other Incidents..... | 2981 |
| Total Apparatus Responses... | 29550 |

| FIRE RESPONSES PER ENGINE | |
|----------------------------------|-----|
| Engine 1..... | 122 |
| Engine 2..... | 141 |
| Engine 3..... | 143 |
| Engine 4..... | 42 |
| Engine 5..... | 118 |
| Engine 6..... | 129 |

| INCIDENTS BY UNIT | |
|--------------------------|------|
| UNIT 1..... | 4526 |
| UNIT 2..... | 4511 |
| UNIT 3..... | 4403 |

| MEDICAL RESPONSES PER ENGINE | |
|-------------------------------------|------|
| Engine 1..... | 1566 |
| Engine 2..... | 1964 |
| Engine 3..... | 2046 |
| Engine 4..... | 680 |
| Engine 5..... | 2632 |
| Engine 6..... | 1871 |

| RESPONSES BY UNIT | |
|--------------------------|-------|
| UNIT 1..... | 10050 |
| UNIT 2..... | 9810 |
| UNIT 3..... | 9690 |

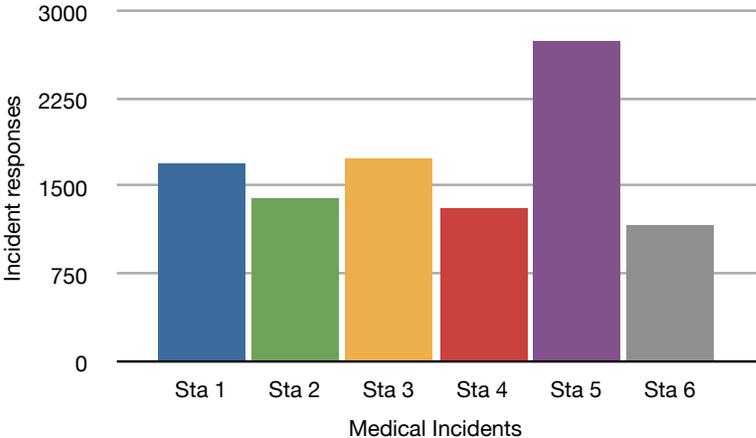
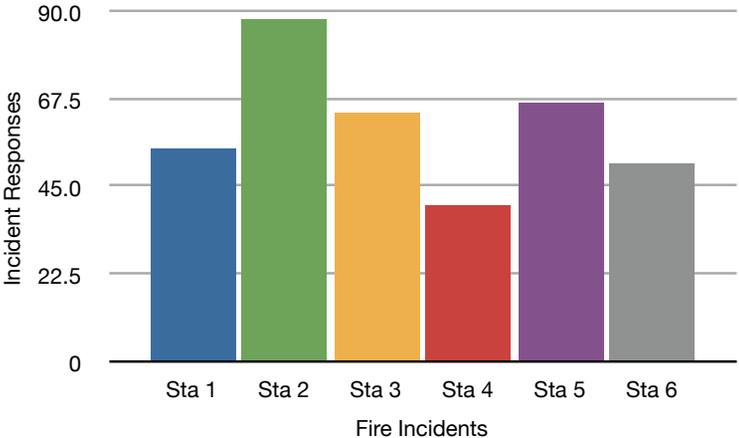
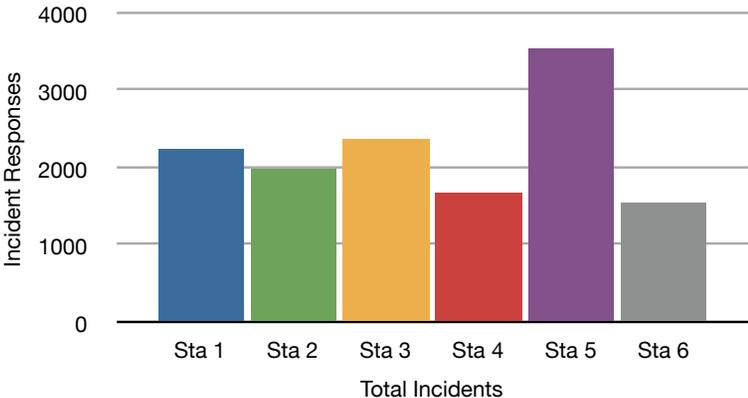
| TOTAL APPARATUS RESPONSES | | |
|----------------------------------|--------------|----------------|
| <u>Company</u> | <u>Total</u> | <u>Per Day</u> |
| Engine 1..... | 2314..... | 8.2 |
| Engine 2..... | 2915..... | 8.0 |
| Engine 3..... | 3009..... | 8.2 |
| Engine 4..... | 969..... | 6.1 |
| Engine 5..... | 3572..... | 9.8 |
| Engine 6..... | 2711..... | 7.4 |
| Truck 1..... | 1147..... | 3.1 |
| Rescue 4..... | 1211..... | 3.5 |
| Squad 2..... | 3031..... | 10.0 |
| Squad 3..... | 3325..... | 9.8 |
| Squad 5..... | 3449..... | 10.1 |
| Squad 6..... | 1880..... | 8.6 |

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Station Run District Responses

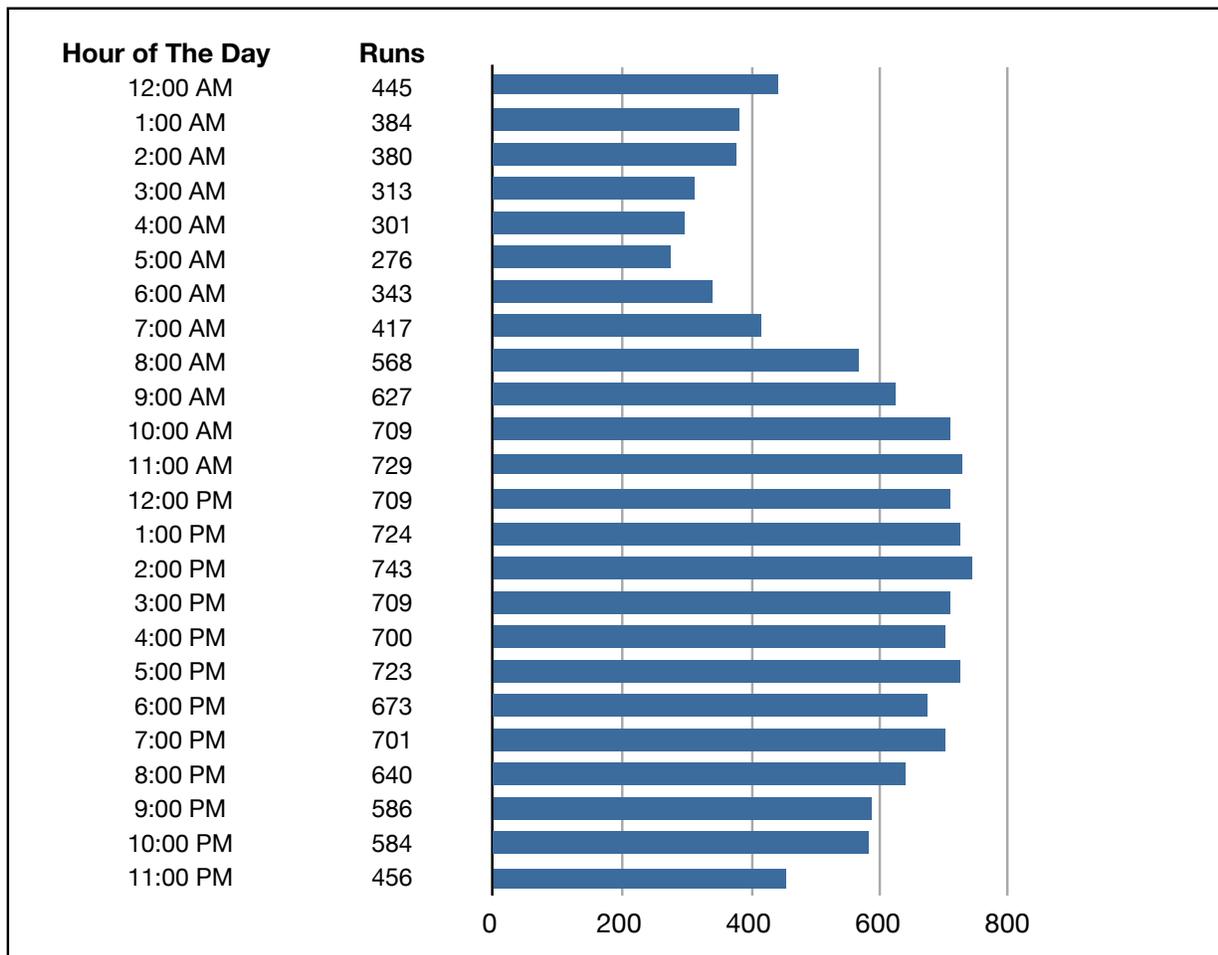
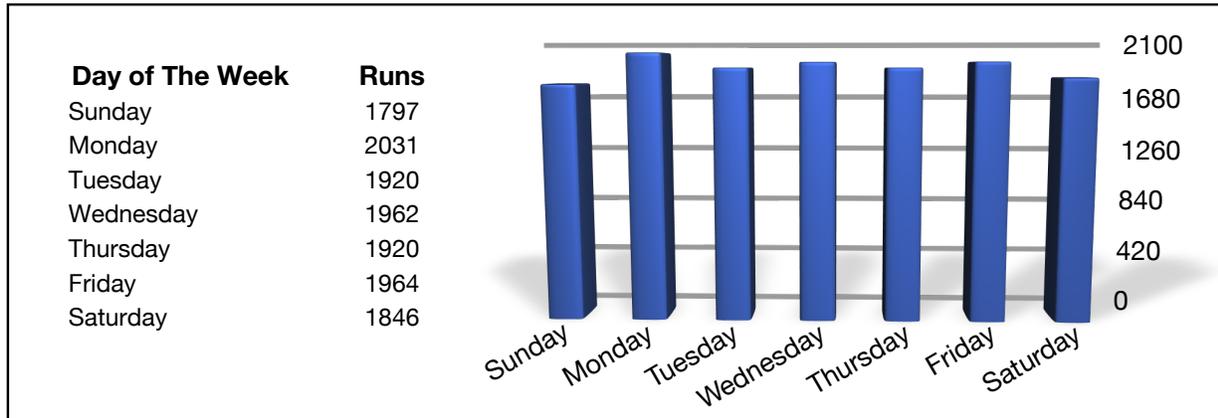


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Incidents By Day of The Week and Hour of The Day

From: 01-01-2010 To: 12-31-2010



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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 | 20 | 48 | 35 | 29 | 25 | 32 | 55 | 53 | 16 | 20 | 25 | 39 | 397 |
| Workmens Comp | 11 | 6 | 1 | 4 | 0 | 4 | 12 | 18 | 19 | 28 | 29 | 21 | 153 |
| Quarter Time | 11 | 12 | 21 | 13 | 10 | 10 | 20 | 11 | 0 | 0 | 0 | 2 | 110 |
| Military Leave | 0 | 0 | 1 | 2 | 2 | 3 | 0 | 2 | 1 | 0 | 0 | 0 | 11 |
| Totals | 42 | 66 | 58 | 48 | 37 | 49 | 87 | 84 | 36 | 48 | 54 | 62 | 671 |

Vacation, Personal Leave & Floating Holiday

| Category | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|------------------|-----------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|
| Vacation | 19 | 49 | 60 | 111 | 75 | 191 | 233 | 234 | 127 | 77 | 89 | 142 | 1407 |
| Personal Leave | 31 | 15 | 20 | 20 | 30 | 5 | 0 | 3 | 15 | 37 | 24 | 25 | 225 |
| Floating Holiday | 27 | 22 | 18 | 13 | 10 | 1 | 0 | 0 | 2 | 14 | 10 | 13 | 130 |
| Totals | 77 | 86 | 98 | 144 | 115 | 197 | 233 | 237 | 144 | 128 | 123 | 180 | 1762 |

Apparatus Out of Service

| Category | January | February | March | April | May | June | July | August | September | October | November | December | Total |
|--------------------------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|------------|
| Apparatus Out of Service | 1 | 2 | 26 | 32 | 31 | 46 | 60 | 55 | 18 | 9 | 10 | 9 | 299 |
| Totals | 1 | 2 | 26 | 32 | 31 | 46 | 60 | 55 | 18 | 9 | 10 | 9 | 299 |

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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 2010, the Warren Fire Department provided mutual aid eight times and requested mutual aid once.

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

| Date | Rendered/Received | City | Equipment | Remarks |
|-------------|-------------------|----------------------|-----------|--------------------------|
| May 16 | Received | Detroit Tank Arsenal | Truck | Commercial Building Fire |
| May 23 | Rendered | Sterling Heights | Squad 5 | Medical |
| August 24 | Rendered | Roseville | Engine 5 | Apartment Fire |
| September 7 | Rendered | Detroit | Engine 4 | House Fire |
| September 7 | Rendered | Detroit | Engine 4 | House Fire |
| September 7 | Rendered | Detroit | Engine 4 | House Fire |
| October 20 | Rendered | Madison Heights | Engine 6 | Vehicle Fire |
| November 21 | Rendered | Eastpointe | Engine 2 | House Fire |
| November 22 | Rendered | Roseville | Engine 5 | House Fire |
| December 20 | Rendered | Sterling Heights | Engine 5 | Motor Vehicle Accident |

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EMS DIVISION

The Warren Fire Department responded to 10085 medical runs in 2010, a 6.1% increase in run volume over the year 2009. Run priorities and totals are listed as follows:

| | 2009 | 2010 | +/- | |
|------------|------|-------|------|--------|
| Priority 1 | 362 | 453 | +91 | +25% |
| Priority 2 | 3406 | 4357 | +951 | +27.8% |
| Priority 3 | 5410 | 5049 | -361 | -6.67% |
| Priority 4 | 268 | 226 | -42 | -15.5% |
| Total | 9446 | 10085 | +639 | +6.8% |

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 also maintain the 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.

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 3100 man hours of EMS training in 2010. Last year, 14 Paramedics and 14 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 2010.

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Personnel

There currently are 55 Paramedics assigned in the firefighting division below Battalion Chief. This number includes the 23 new employees hired with the implementation of transport. We have one Paramedic who is an FEO and out of the program. There are currently 52 Basic EMTs, one EMT-S, and one Medical First Responder. At this writing there are two openings and those hires that are expected in the next few weeks, as all future new hires, will be Paramedics.

EMS Transport

The Warren Fire Department returned to transport on January 25, 2010 with two paramedic squads. On March 4th a third squad was added, and on May 6th a fourth squad was placed in service. The third and fourth squad were made possible by the purchase in March of three used transport squads from Waterford.

Transport and billing has been a resounding success. Our residents are very happy with their Fire Department providing transport again. Through collections using a third party billing company, we've been able to generate revenue to cover costs and plan capital improvements for the future, something that hasn't been done in many years. We've been approved to purchase four new ambulances and should take delivery in June.

For the Future

The Warren Police Special Response Team has requested that the Warren Fire Department take over the Tactical EMS duties that were previously being performed by Universal Ambulance. Six of our paramedics have taken the required additional EMS classes (Pre-Hospital Trauma Life Support and Pediatric Advanced Life Support) and will attend the actual tactical training in February. Through grant funding we were able to order the necessary specialized ensembles to outfit them. They will be operational as when we take delivery of their gear.

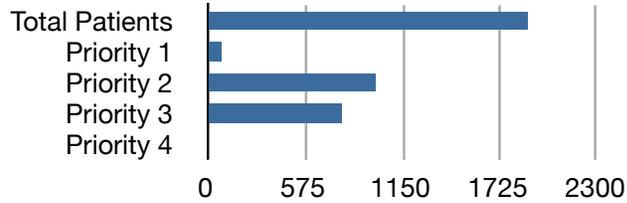
The implementation of electronic submission of patient care reports and billing information to Accumed has been problematic. Beta testing is complete and electronic transfer should occur soon. Laptops will soon be ordered and once placed in service will aid our paramedics in the collection and reporting of patient data. The whole process will be streamlined and paper collection will be minimized.

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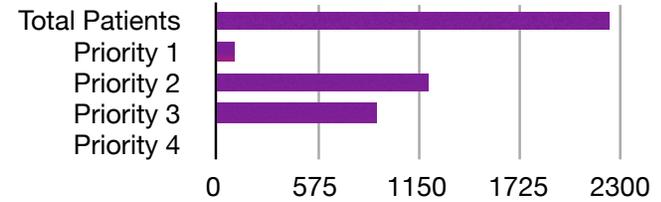
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Patient Care Report Totals By Squad and Priority

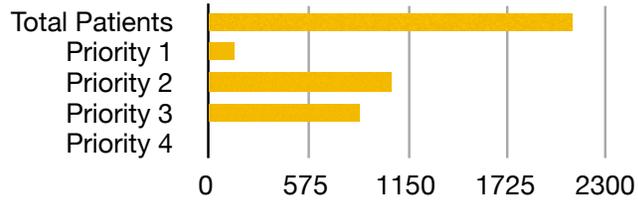
| Squad 2 | Priority 1 | Priority 2 | Priority 3 | Priority 4 |
|---------|------------|------------|------------|------------|
| 1891 | 84 | 998 | 801 | 8 |



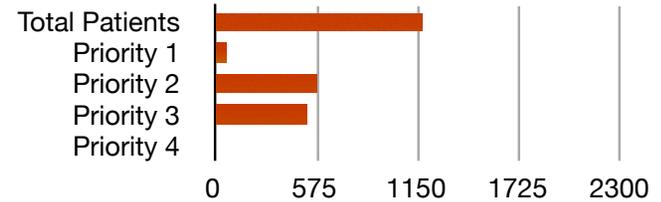
| Squad 5 | Priority 1 | Priority 2 | Priority 3 | Priority 4 |
|---------|------------|------------|------------|------------|
| 2230 | 112 | 1201 | 915 | 2 |



| Squad 3 | Priority 1 | Priority 2 | Priority 3 | Priority 4 |
|---------|------------|------------|------------|------------|
| 2097 | 154 | 1056 | 877 | 10 |



| Squad 6 | Priority 1 | Priority 2 | Priority 3 | Priority 4 |
|---------|------------|------------|------------|------------|
| 1180 | 64 | 581 | 531 | 4 |



Patient Care Reports Agency Run Statistics

Warren Fire Department

| 2010 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|-------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| AGENCY TOTAL | 798 | 768 | 804 | 825 | 855 | 853 | 894 | 872 | 818 | 858 | 841 | 898 | 10,084 |
| <i>Priority #1</i> | 28 | 35 | 40 | 30 | 32 | 43 | 35 | 40 | 33 | 34 | 42 | 61 | 453 |
| <i>Priority #2</i> | 294 | 319 | 371 | 380 | 409 | 377 | 378 | 360 | 383 | 356 | 370 | 359 | 4,356 |
| <i>Priority #3</i> | 457 | 400 | 380 | 396 | 391 | 411 | 456 | 447 | 383 | 443 | 406 | 459 | 5,029 |
| <i>Priority #4</i> | 19 | 14 | 13 | 19 | 23 | 22 | 25 | 25 | 19 | 25 | 23 | 19 | 246 |
| Aborted | | | 2 | | | | | | | | | 1 | 3 |
| Refused | 72 | 100 | 114 | 127 | 133 | 121 | 127 | 143 | 120 | 135 | 119 | 115 | 1,426 |
| Transport | 707 | 654 | 675 | 679 | 699 | 712 | 742 | 704 | 679 | 698 | 696 | 751 | 8,396 |
| Other | 19 | 14 | 13 | 19 | 23 | 20 | 25 | 25 | 19 | 25 | 26 | 31 | 259 |
| Sex: Male | 341 | 363 | 376 | 378 | 395 | 396 | 403 | 398 | 353 | 363 | 379 | 428 | 4,573 |
| Female | 456 | 405 | 428 | 447 | 458 | 457 | 491 | 473 | 465 | 495 | 462 | 470 | 5,507 |
| Age: < 1 | 6 | 10 | 9 | 6 | 6 | 8 | 9 | 15 | 2 | 7 | 6 | 12 | 96 |
| 1 - 10 | 17 | 19 | 24 | 15 | 13 | 28 | 19 | 21 | 18 | 22 | 18 | 22 | 236 |
| 11 - 17 | 20 | 23 | 31 | 23 | 32 | 18 | 18 | 28 | 38 | 28 | 31 | 25 | 315 |
| 18 - 25 | 56 | 65 | 62 | 78 | 73 | 87 | 66 | 78 | 75 | 71 | 70 | 79 | 860 |
| 26 - 35 | 74 | 63 | 77 | 79 | 83 | 75 | 91 | 95 | 67 | 93 | 88 | 90 | 975 |
| 36 - 45 | 78 | 101 | 78 | 89 | 103 | 121 | 90 | 88 | 99 | 95 | 83 | 83 | 1,108 |
| 46 - 55 | 141 | 116 | 154 | 134 | 140 | 134 | 169 | 164 | 145 | 136 | 135 | 133 | 1,701 |
| 56 - 65 | 90 | 91 | 93 | 85 | 94 | 95 | 104 | 83 | 87 | 120 | 92 | 118 | 1,152 |
| > 65 | 310 | 275 | 274 | 313 | 304 | 275 | 322 | 291 | 283 | 282 | 308 | 332 | 3,569 |
| Unknown | 6 | 5 | 2 | 3 | 7 | 12 | 6 | 9 | 4 | 4 | 10 | 4 | 72 |
| TOTAL RUNS | 798 | 768 | 804 | 825 | 855 | 853 | 894 | 872 | 818 | 858 | 841 | 898 | 10,084 |
| Acute Abdominal | 29 | 24 | 23 | 23 | 24 | 31 | 24 | 29 | 23 | 36 | 26 | 32 | 324 |
| Allergy Reaction | 2 | 4 | 6 | 3 | 4 | 5 | 8 | 9 | 8 | 10 | 2 | 4 | 65 |
| Behavioral | 21 | 26 | 23 | 18 | 16 | 23 | 27 | 23 | 11 | 23 | 24 | 20 | 255 |
| Burns | 1 | 2 | | 1 | 1 | 2 | 2 | | 1 | | 2 | 2 | 14 |
| Cardiac | 64 | 69 | 72 | 94 | 77 | 67 | 75 | 66 | 71 | 67 | 70 | 62 | 854 |
| Chemical/Poison | | 2 | 2 | 2 | 1 | 1 | 1 | 1 | | 1 | | | 11 |
| Diabetic | 36 | 38 | 29 | 40 | 51 | 42 | 37 | 42 | 33 | 41 | 32 | 38 | 459 |
| Domestic Violence | 6 | 3 | 4 | 3 | 6 | 7 | 4 | 3 | | 2 | 2 | 1 | 41 |
| Drug/Overdose | 33 | 22 | 28 | 25 | 33 | 29 | 28 | 39 | 35 | 24 | 30 | 29 | 355 |
| Environmental | 1 | 2 | | 1 | 3 | 2 | 2 | 2 | | 1 | 3 | 1 | 18 |
| Motor Veh Trauma Res/Un | 16 | 30 | 43 | 44 | 36 | 37 | 33 | 30 | 45 | 53 | 42 | 34 | 443 |
| Neonatal | | 2 | | | | 1 | | 1 | | | | | 4 |
| OB/GYN | 9 | 11 | 15 | 6 | 7 | 9 | 13 | 7 | 12 | 8 | 9 | 13 | 119 |
| Other Illness | 303 | 281 | 278 | 268 | 306 | 258 | 326 | 302 | 270 | 271 | 295 | 340 | 3,498 |
| Other Trauma | 115 | 107 | 129 | 128 | 134 | 162 | 158 | 160 | 134 | 138 | 129 | 158 | 1,652 |
| Pedestrian vs M Veh | 3 | 3 | 1 | 3 | 2 | 4 | 3 | 1 | 8 | 4 | 6 | 3 | 41 |
| Respiratory Distress | 87 | 76 | 79 | 71 | 76 | 76 | 74 | 77 | 85 | 96 | 87 | 70 | 954 |
| Seizure/Convulsions | 43 | 30 | 36 | 45 | 49 | 58 | 42 | 42 | 38 | 41 | 45 | 50 | 519 |
| Stroke/CVA/TIA | 18 | 13 | 16 | 18 | 11 | 18 | 11 | 14 | 21 | 13 | 14 | 22 | 189 |
| Unconscious Unknown | 11 | 23 | 20 | 32 | 18 | 21 | 26 | 24 | 23 | 29 | 23 | 19 | 269 |

Patient Care Reports Agency Run Statistics

Warren Fire Department

| 2010 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|----------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| RESPONSE TIMES | | | | | | | | | | | | | |
| 1 - 5 Minutes | 336 | 225 | 258 | 237 | 223 | 235 | 264 | 284 | 282 | 295 | 298 | 210 | 3,147 |
| 6 - 10 Minutes | 429 | 427 | 444 | 490 | 523 | 536 | 539 | 508 | 465 | 488 | 472 | 580 | 5,901 |
| 11 - 15 Minutes | 26 | 91 | 83 | 79 | 85 | 65 | 73 | 59 | 55 | 59 | 49 | 85 | 809 |
| > 15 Minutes | 6 | 25 | 19 | 18 | 23 | 17 | 17 | 19 | 16 | 12 | 17 | 21 | 210 |
| Unreported | 1 | | | 1 | 1 | | 1 | 2 | | 4 | 5 | 2 | 17 |
| HOSP RUNS BY PRI | | | | | | | | | | | | | |
| Beaumont Grosse Pointe | 1 | | | | | | | | | | | | 1 |
| <i>Priority #1</i> | | | | | | | | | | | | | |
| <i>Priority #2</i> | 1 | | | | | | | | | | | | 1 |
| <i>Priority #3</i> | | | | | | | | | | | | | |
| Beaumont Royal Oak | | | | | 1 | | 3 | 4 | 5 | 5 | 6 | 7 | 31 |
| <i>Priority #1</i> | | | | | | | | | | 2 | 2 | 1 | 5 |
| <i>Priority #2</i> | | | | | 1 | | 2 | 3 | 5 | 2 | 2 | 4 | 19 |
| <i>Priority #3</i> | | | | | | | 1 | 1 | | 1 | 2 | 2 | 7 |
| Beaumont Troy | 1 | 2 | | | 3 | | 1 | 3 | | 2 | 1 | 1 | 14 |
| <i>Priority #1</i> | | | | | | | | | | | | | |
| <i>Priority #2</i> | 1 | | | | 3 | | 1 | 1 | | 2 | 1 | | 9 |
| <i>Priority #3</i> | | 2 | | | | | | 2 | | | | | 5 |
| Detroit Childrens Hospital | | | | | | 2 | | | 1 | | 2 | 1 | 6 |
| <i>Priority #1</i> | | | | | | | | | | | 1 | | 1 |
| <i>Priority #2</i> | | | | | | 1 | | | 1 | | 1 | 1 | 4 |
| <i>Priority #3</i> | | | | | | 1 | | | | | | | 1 |
| Detroit Receiving Hospital | | | | | | | | | | | | 1 | 1 |
| <i>Priority #1</i> | | | | | | | | | | | | 1 | 1 |
| <i>Priority #2</i> | | | | | | | | | | | | | |
| <i>Priority #3</i> | | | | | | | | | | | | | |
| Henry Ford Detroit | | | 1 | | 1 | | | | | | | | 2 |
| <i>Priority #1</i> | | | | | 1 | | | | | | | | 1 |
| <i>Priority #2</i> | | | | | | | | | | | | | |
| <i>Priority #3</i> | | | 1 | | | | | | | | | | 1 |
| Henry Ford Macomb | | | | 9 | 10 | 8 | 13 | 4 | 1 | 1 | 3 | 1 | 50 |
| <i>Priority #1</i> | | | | 1 | | 1 | 1 | | | | 1 | | 4 |
| <i>Priority #2</i> | | | | 5 | 7 | 5 | 5 | 2 | 1 | | | 1 | 26 |
| <i>Priority #3</i> | | | | 3 | 3 | 2 | 7 | 2 | | 1 | 2 | | 20 |
| Henry Ford Macomb-Warren | 28 | 85 | 114 | 108 | 117 | 145 | 158 | 144 | 171 | 156 | 166 | 174 | 1,566 |
| <i>Priority #1</i> | 3 | 7 | 7 | 3 | 4 | 13 | 2 | 6 | 5 | 6 | 4 | 14 | 74 |
| <i>Priority #2</i> | 17 | 41 | 56 | 59 | 76 | 81 | 83 | 73 | 87 | 77 | 89 | 78 | 817 |
| <i>Priority #3</i> | 8 | 37 | 51 | 46 | 37 | 51 | 73 | 65 | 79 | 73 | 73 | 82 | 675 |
| Mt Clemens Regional | | 1 | | | | | 2 | 1 | | 3 | | 2 | 9 |
| <i>Priority #1</i> | | | | | | | | | | | | | |
| <i>Priority #2</i> | | | | | | | 1 | | | 2 | | | 3 |
| <i>Priority #3</i> | | 1 | | | | | 1 | 1 | | 1 | | 2 | 6 |

Patient Care Reports Agency Run Statistics

Warren Fire Department

| 2010 | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Total |
|--------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| St John Detroit | | 1 | 1 | | 2 | 2 | 1 | 4 | 1 | 4 | 3 | 4 | 23 |
| <i>Priority #1</i> | | | | | | | 1 | 1 | | | | 1 | 3 |
| <i>Priority #2</i> | | 1 | | | 1 | 2 | | 3 | 1 | 4 | 3 | 2 | 17 |
| <i>Priority #3</i> | | | 1 | | 1 | | | | | | | 1 | 3 |
| St John Macomb | 80 | 215 | 314 | 315 | 294 | 286 | 309 | 278 | 278 | 313 | 313 | 337 | 3,332 |
| <i>Priority #1</i> | 13 | 18 | 23 | 16 | 19 | 15 | 22 | 21 | 19 | 16 | 23 | 27 | 232 |
| <i>Priority #2</i> | 34 | 115 | 182 | 184 | 165 | 164 | 180 | 166 | 176 | 164 | 186 | 174 | 1,890 |
| <i>Priority #3</i> | 33 | 82 | 109 | 115 | 110 | 106 | 107 | 91 | 83 | 133 | 104 | 136 | 1,209 |
| St John Oakland | 16 | 85 | 88 | 95 | 127 | 184 | 171 | 150 | 178 | 185 | 180 | 185 | 1,644 |
| <i>Priority #1</i> | 6 | 8 | 6 | 5 | 6 | 11 | 8 | 9 | 8 | 10 | 9 | 17 | 103 |
| <i>Priority #2</i> | 5 | 43 | 45 | 55 | 79 | 91 | 77 | 64 | 95 | 93 | 80 | 83 | 810 |
| <i>Priority #3</i> | 5 | 34 | 37 | 35 | 42 | 81 | 86 | 77 | 75 | 82 | 91 | 85 | 730 |
| HOSP TOTAL | 126 | 389 | 518 | 527 | 555 | 627 | 658 | 588 | 635 | 669 | 674 | 713 | 6,679 |

Warren Fire Department Training Division 2010 Year End Review

This past year, the Training Division continued to expand our training as it became available and continued on with the core of our training curriculum which is made up of the following:

- Basic fire fighter skills such as ladder practices, hose operations, ventilation, knots and ropes, rescue, etc...
- Drivers obstacle course, Driver re-cert skills
- Pump practices and relay operations from engines to ladder trucks
- Standard Operating Guidelines
- Required hazardous materials training
- Fire Report as well as EMS reports and Billing
- Training with new techniques and equipment
- Safe practices for situations involving electric utilities
- Vehicle extrication
- Fire officer training
- Volt vehicle
- Mutual Aid response review

Administrative duties were extensive. Record keeping for 114 individuals is a time consuming, but a necessary task. Training was scheduled for three different Units and twenty seven different companies covering the entire year. Topics and content were developed and presented relative to the needs of the Department. Budget preparation and the management of existing monies were accomplished. Reviewing new equipment, technology, legislation, pending and adopted, as well as current events is a constant and never-ending responsibility.

Besides attending to the above, the Training Division other responsibilities seen to were attending the Macomb County Chiefs meetings, acting as liaison to Dispatch, networking with the other Fire Divisions, and interaction with various City Departments.

Looking ahead, the Training Division welcomes the task of preparing the Warren Fire Department's personnel to serve and protect our citizens in the

up coming year. It is most often the journey and not the destination where mankind finds the most rewarding experiences.

Respectfully,

Arthur J. Jasniak
Chief of Training

See attachment for training hours broken down by month of year:

Warren Fire Department
Training Division
2010 Year End Review

The following is a month-by-month listing of training hours that the Warren Fire Department's personnel working at the fire stations took part in:

| | |
|-----------------------------|------------------------------|
| <u>January:</u> 1152 hours | <u>July:</u> 1155 hours |
| <u>February:</u> 1152 hours | <u>August:</u> 1480 hours |
| <u>March:</u> 1440 hours | <u>September:</u> 1364 hours |
| <u>April:</u> 1152 hours | <u>October:</u> 1368 hours |
| <u>May:</u> 1224 hours | <u>November:</u> 1141 hours |
| <u>June:</u> 1370 | <u>December:</u> 1444 hours |

Miscellaneous classes such as Officer classes, ect. : 984 hours

TOTAL DEPARTMENT TRAINING : 16426 Hours

Respectfully,



Arthur J. Jasniak
Chief of Training

WARREN FIRE DEPARTMENT

2010 Annual Report

Fire Prevention Division

In 2010, the Fire Prevention Division continued to perform the 3 main duties of Fire Prevention; education, prevention and fire investigation.

In cooperation with the Firefighting Division, we continued to educate the public in the area of fire prevention, both in schools and in other community arenas.

We performed annual inspections, certificate of occupancy 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 Review and Community Development Block Grant reports when requested.

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. We continued our Juvenile Fire Setter Intervention Program to educate children on the dangers of setting fires and to screen juveniles for potentially dangerous fire setting behaviors.

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

| Inspection Number and Type | | Number of Reports |
|-----------------------------------|----------------------------|--------------------------|
| 1. | Certificate of Occupancy | 312 |
| 2. | Annual Inspections | 198 |
| 3. | Final Inspections | 016 |
| 4. | Re-inspections | 076 |
| 5. | Alarm Tests | 019 |
| 6. | Site Plan Reviews | 101 |
| 7. | Building Plan Reviews | 017 |
| 8. | Fire Investigations | 058 |
| 9. | Fire Investigation Reports | 128 |

WARREN FIRE DEPARTMENT

2010 Annual Report

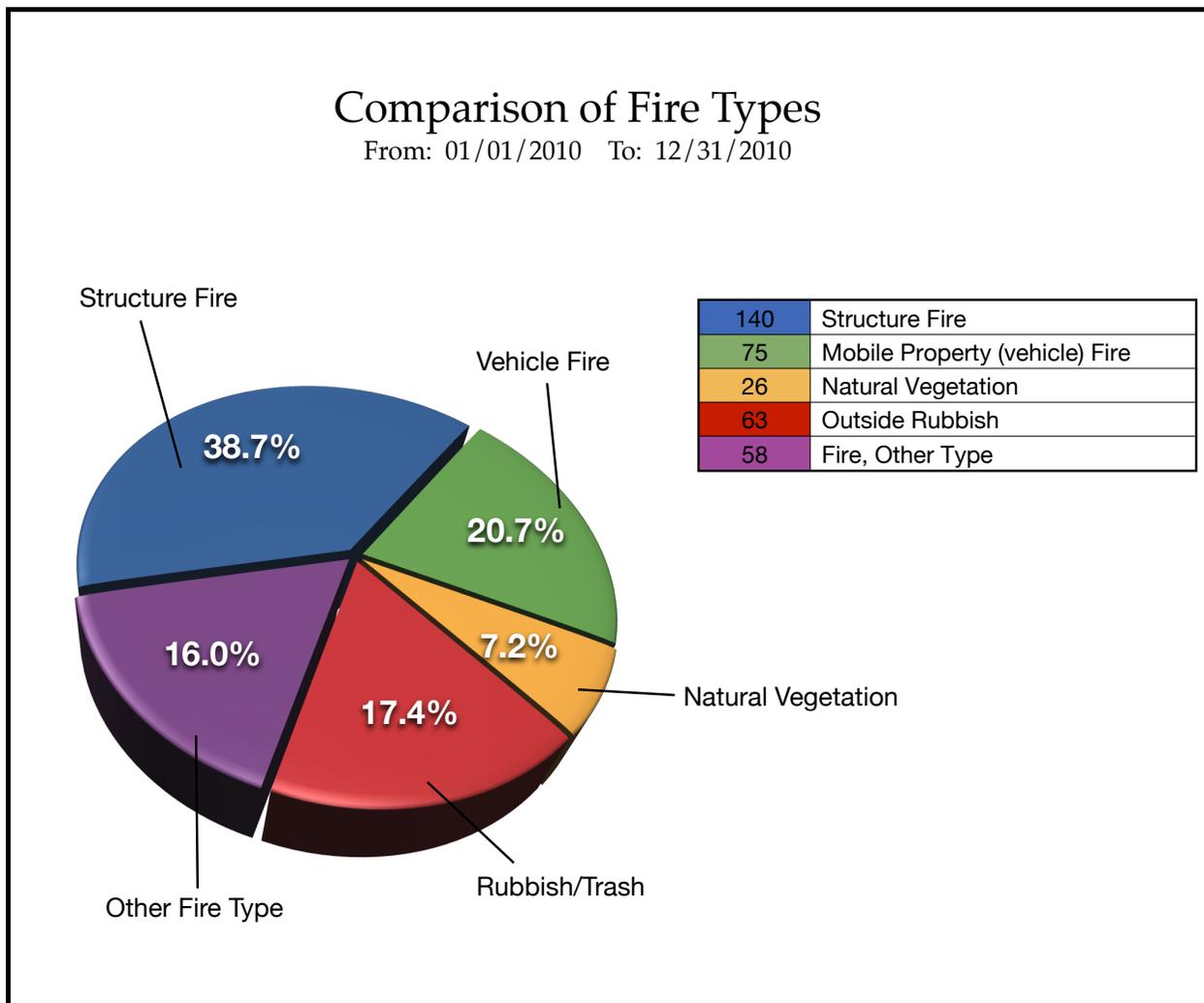
| | | |
|-------|---|-------------|
| 10. | Court/District Appearances | 001 |
| 11. | Court/Circuit Appearances | 000 |
| 12. | Complaints | 069 |
| 13. | Phase One Environmental Reviews | 010 |
| 14. | CDBG Reports | 030 |
| 15. | Code Compliance Meetings | 032 |
| 16. | Fire Safety Programs/Schools | 000 |
| 17. | Fire Safety Programs/Private | 002 |
| 18. | Hydrant Flow Tests | 006 |
| 19. | Suppression System - Non Water Plan Reviews | 009 |
| 20. | Sprinkler System Hydro Tests/Finals | 008 |
| 21. | Sprinkler System Underground Flushes | 001 |
| 22. | School/Training Classes | 037 |
| 23. | FOIA Requests | 030 |
| 24. | Haz Mat Related Activities | 021 |
| 25. | Pre-final Walk Throughs | 027 |
| 26. | Sprinkler Plan Reviews | 015 |
| 27. | Fire Alarm Plan Reviews | 011 |
| 28. | Fire Suppression Puff Tests | 013 |
| 29. | License Compliance Inspections | 025 |
| 30. | Knox Box Inspections | 024 |
| ----- | | |
| | Total Inspection Activities | 1296 |

WARREN FIRE DEPARTMENT

2010 Annual Report

2010 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.



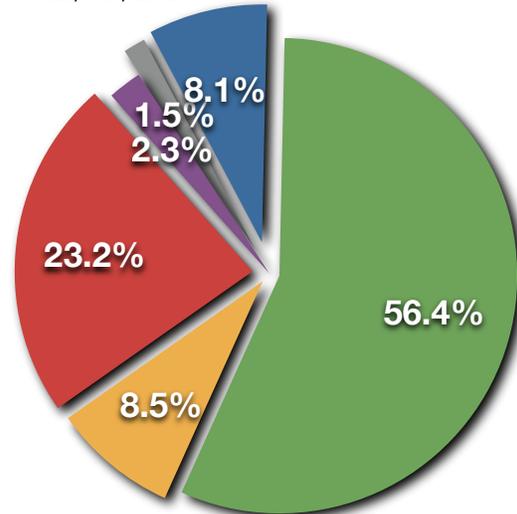
WARREN FIRE DEPARTMENT

2010 Annual Report

Comparison of Fire Causes

From: 01/01/2010 To: 12/31/2010

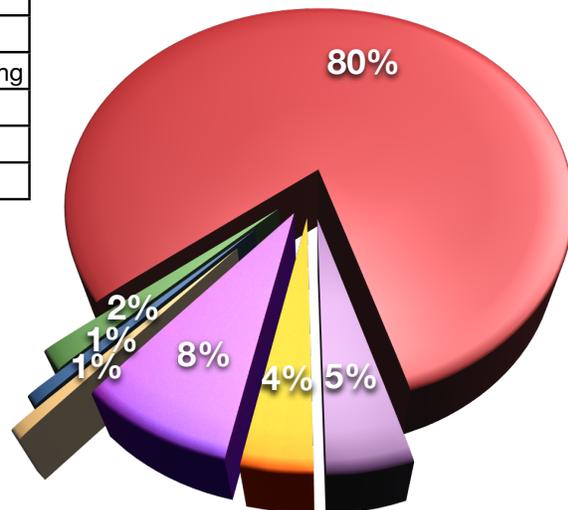
| | |
|-------|-----------------------|
| 8.1% | Intentional |
| 56.4% | Unintentional |
| 8.5% | Failure of Equipment |
| 23.2% | Cause Undetermined |
| 2.3% | Under Investigation |
| 1.5% | Other (Exposure Fire) |



Comparison of Property Class

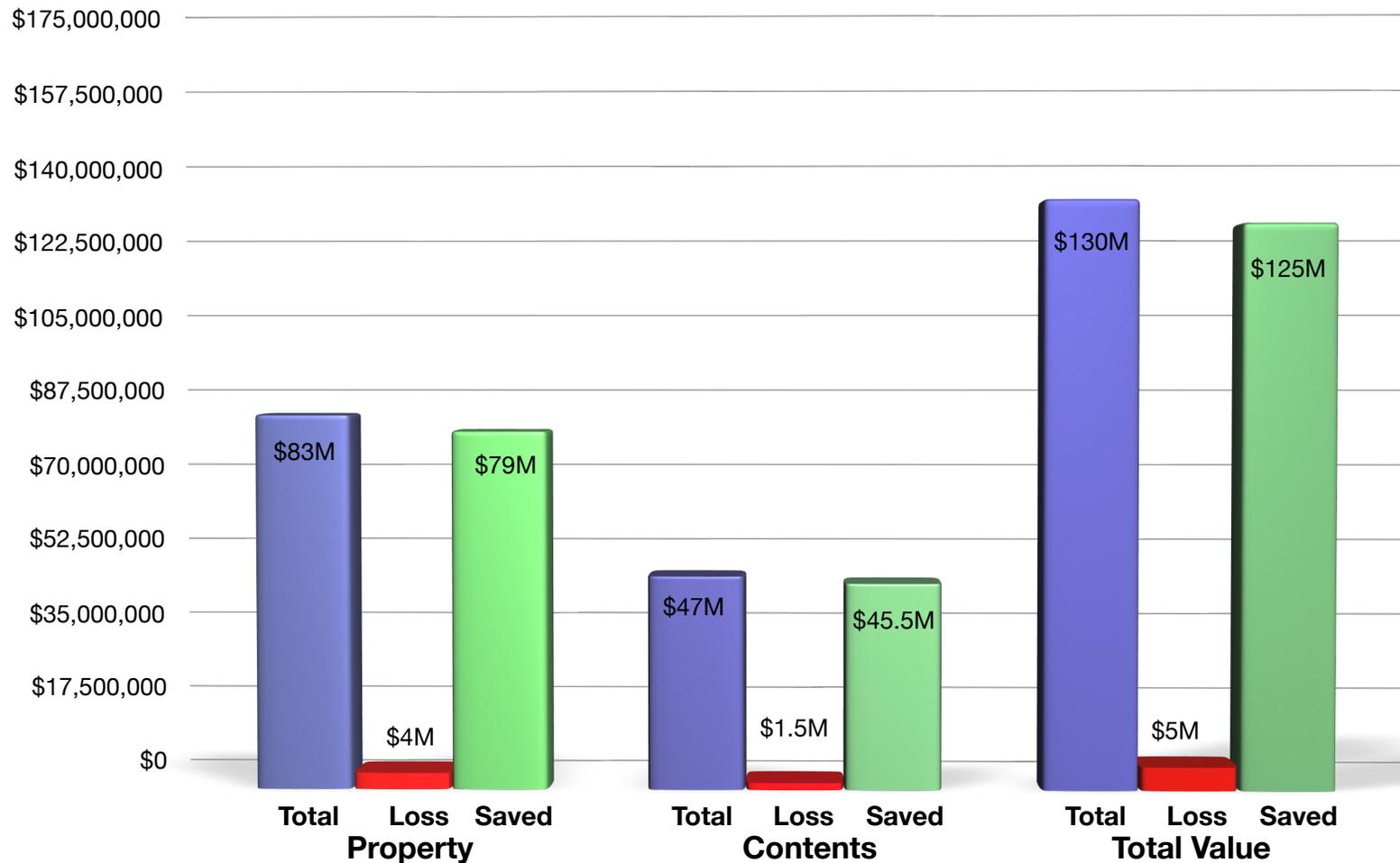
From: 01/01/2010 To: 12/31/2010

| | |
|-----|---|
| 1 | Assembly |
| 2 | Educational |
| 0 | Health Care, Detention & Correction |
| 106 | Residential |
| 6 | Mercantile, Business |
| 0 | Industrial, Utility, Defense, Agriculture, Mining |
| 5 | Manufacturing, Processing |
| 11 | Storage |
| 1 | Outside or Special Property |



WARREN FIRE DEPARTMENT 2010 Annual Report

Comparison of Property Value, Loss & Saved in Fires
From: 1/1/10 To: 12/31/10



WARREN FIRE DEPARTMENT

2010 Annual Fire Report

Fire Reports 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 |
|-----------------|------|-------------------|-------------------------|---------------|---------------|-------------|-------------------|-----------------|---|
| 00773 | 1/23 | 11377 Meadowbrook | Residential | \$50,000 | \$20,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 00858 | 1/26 | 23395 Hoover | Commercial | \$25,000 | \$75,000 | 0 | 0 | 0 | Fire origin in warehouse. Fire cause is unintentional. |
| 00919 | 1/29 | 4740 Stilwell | Residential | \$100,000 | \$50,000 | 0 | 1 | 0 | Fire origin in the living room. Fire cause is undetermined. |
| 01573 | 2/16 | 13311 Julius | Residential | \$50,000 | \$25,000 | 0 | 0 | 0 | Fire origin in bedroom. Fire cause is undetermined. |
| 01622 | 2/17 | 21508 Mac Arthur | Multifamily Residential | \$100,000 | \$16,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 01891 | 2/25 | 3140 Berkshire | Residential | \$30,000 | \$0 | 0 | 0 | 0 | Vacant Dwelling. Fire origin in the kitchen. Fire cause is undetermined. |
| 01925 | 2/25 | 7228 Lozier | Residential | \$35,000 | \$22,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 01994 | 2/27 | 21308 Dequindre | Residential | \$50,000 | \$0 | 0 | 0 | 0 | Vacant Dwelling. Fire origin is undetermined. Fire cause is undetermined. |

WARREN FIRE DEPARTMENT

2010 Annual Fire Report

Fire Reports 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 |
|-----------------|------|------------------|---------------|---------------|---------------|-------------|-------------------|-----------------|--|
| 02092 | 3/2 | 13355 DeMott | Residential | \$50,000 | \$25,000 | 0 | 0 | 0 | Fire origin in the upstairs bedroom. Fire cause is undetermined. |
| 02367 | 3/10 | 22900 Federal | Educational | \$100,000 | \$75,000 | 0 | 0 | 0 | School under construction. Fire cause is unintentional. |
| 02509 | 3/14 | 24964 Hill | Residential | \$40,000 | \$15,000 | 0 | 0 | 0 | Fire origin in chimney and spread into attic. Fire cause is failure of equipment or heat source. |
| 03044 | 3/31 | 23814 Schoenherr | Commercial | \$50,000 | \$30,000 | 0 | 0 | 0 | Fire in Billiard Hall. Fire cause is intentional. |
| 03284 | 4/6 | 4159 Tuxedo | Residential | \$50,000 | \$20,000 | 1 | 0 | 0 | Fire origin in rear bedroom. Fire cause is intentional. |
| 03554 | 4/13 | 2214 Grace | Residential | \$25,000 | \$15,000 | 0 | 0 | 0 | Fire origin in bedroom. Fire cause is undetermined. |
| 03590 | 4/14 | 23605 Groesbeck | Commercial | \$25,000 | \$0 | 0 | 0 | 0 | Fire origin in shop area. Fire cause is failure of equipment or heat source. |
| 03949 | 4/24 | 2726 Hughes | Residential | \$50,000 | \$20,000 | 0 | 2 | 0 | Fire origin in rear bedroom. Fire cause is unintentional. |

WARREN FIRE DEPARTMENT

2010 Annual Fire Report

Fire Reports 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 |
|-----------------|------|------------------|-------------------------|---------------|---------------|-------------|-------------------|-----------------|--|
| 04156 | 4/29 | 8401 Karam Blvd | Residential | \$100,000 | \$60,000 | 0 | 1 | 0 | Fire origin in the living room. Fire cause is unintentional. |
| 05344 | 5/30 | 23275 Cunningham | Residential | \$70,000 | \$5,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 05760 | 6/10 | 21488 Dequindre | Multifamily Residential | \$50,000 | \$10,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 06361 | 6/26 | 22827 Sharrow | Residential | \$25,000 | \$4,000 | 0 | 0 | 0 | Fire origin in bedroom. Fire cause is intentional. |
| 06392 | 6/27 | 30723 Flanders | Residential | \$50,000 | \$15,000 | 0 | 0 | 0 | Fire origin in basement. Fire cause is under investigation. |
| 06786 | 7/6 | 2236 Emmons | Residential | \$45,000 | \$10,000 | 0 | 1 | 0 | Fire origin in 1st floor bedroom. Fire cause is undetermined. |
| 07109 | 7/14 | 13943 Eight Mile | Educational | \$100,000 | \$100,000 | 0 | 0 | 0 | Fire origin in classroom. Fire cause is intentional. |
| 07460 | 7/23 | 13760 Common | Residential Group Home | \$60,000 | \$15,000 | 0 | 0 | 0 | Fire origin in hallway. Fire cause is failure of equipment or heat source. |

WARREN FIRE DEPARTMENT

2010 Annual Fire Report

Fire Reports 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 |
|-----------------|------|------------------|-------------------------|---------------|---------------|-------------|-------------------|-----------------|---|
| 07660 | 7/28 | 30332 Moulin | Residential | \$60,000 | \$25,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 07667 | 7/28 | 21108 Nummer | Multifamily Residential | \$40,000 | \$17,000 | 0 | 0 | 0 | Fire origin in attic. Fire cause is undetermined. |
| 08164 | 8/10 | 26156 Buster | Residential | \$25,000 | \$15,000 | 0 | 0 | 0 | Fire origin in basement. Fire cause is under investigation. |
| 08281 | 8/13 | 4506 Reader | Residential | \$30,000 | \$15,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 08487 | 8/18 | 7020 Hudson | Residential | \$35,000 | \$10,000 | 0 | 1 | 0 | Fire origin in the kitchen. Fire cause is undetermined. |
| 08490 | 8/18 | 7020 Hudson | Residential | \$30,000 | \$10,000 | 0 | 0 | 0 | Fire origin in attic. Fire cause is undetermined. |
| 08587 | 8/20 | 14344 Marshall | Residential | \$25,000 | \$10,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is undetermined. |
| 09012 | 8/31 | 31634 Norrid | Residential | \$50,000 | \$20,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is undetermined. |

WARREN FIRE DEPARTMENT

2010 Annual Fire Report

Fire Reports 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 |
|-----------------|-------|--------------------|-------------------------|---------------|---------------|-------------|-------------------|-----------------|--|
| 09200 | 9/7 | 25100 Hoover | Multifamily Residential | \$50,000 | \$10,000 | 0 | 0 | 0 | Fire origin in the kitchen of 1st floor apartment. Fire cause is unintentional. |
| 09243 | 9/7 | 13227 Moenart | Residential | \$40,000 | \$10,000 | 0 | 0 | 0 | Mutual Aid fire in Detroit. Fire cause is unintentional. |
| 09798 | 9/21 | 14731 Eight Mile | Commercial | \$100,000 | \$100,000 | 0 | 0 | 0 | Fire origin is undetermined. Fire cause is undetermined. |
| 11325 | 11/2 | 14835 Ten Mile | Residential | \$100,000 | \$80,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is intentional. |
| 11952 | 11/18 | 24657 Mound | Commercial | \$100,000 | \$10,000 | 0 | 0 | 0 | Fire origin in dust collector on outside of building. Fire cause is unintentional. |
| 12371 | 11/30 | 21001 Groesbeck | Commercial | \$50,000 | \$50,000 | 0 | 0 | 0 | Fire origin in trash compactor. Fire cause is unintentional. |
| 12418 | 12/1 | 26218 Regency Club | Multifamily Residential | \$50,000 | \$5,000 | 0 | 0 | 0 | Fire origin in kitchen of upstairs apartment. Fire cause is unintentional. |
| 12464 | 12/2 | 2048 Bart | Residential | \$48,000 | \$18,000 | 0 | 0 | 0 | Fire origin in basement. Fire cause is undetermined. |

WARREN FIRE DEPARTMENT

2010 Annual Fire Report

Fire Reports 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 |
|-----------------|-------|-------------------|---------------|--------------------|--------------------|-------------|-------------------|-----------------|---|
| 12522 | 12/4 | 8123 Westminister | Residential | \$45,000 | \$20,000 | 0 | 0 | 0 | Fire origin upstairs. Fire cause is unintentional. |
| 12919 | 12/14 | 14343 Knox | Residential | \$30,000 | \$20,000 | 0 | 0 | 0 | Fire origin in utility room. Fire cause is unintentional. |
| 12940 | 12/15 | 25415 Gunston | Residential | \$50,000 | \$30,000 | 0 | 1 | 0 | Fire origin in living room. Fire cause is unintentional. |
| 13251 | 12/22 | 28137 Roan | Residential | \$55,000 | \$10,000 | 0 | 0 | 0 | Fire origin in the kitchen. Fire cause is unintentional. |
| 13342 | 12/25 | 13118 Cowlier | Residential | \$40,000 | \$30,000 | 0 | 0 | 0 | Fire origin is undetermined. Fire cause is undetermined. |
| 13365 | 12/25 | 26870 Blackmar | Residential | \$25,000 | \$10,000 | 0 | 0 | 0 | Fire origin is undetermined. Fire cause is undetermined. |
| | | | | | | | | | |
| Totals | | | | \$2,408,000 | \$1,152,000 | 1 | 7 | 0 | |

WARREN FIRE DEPARTMENT

2010 Annual Report

APPARATUS DIVISION

2010 was a year of change at the Apparatus Division. The Fire Department began a concentrated effort to begin using our City DPW for many of our repairs & maintenance. The City and all its departments have to be cognizant of the economic reality that all municipalities face, shrinking resources. To that effect, using the City DPW for various Fire Department apparatus repairs & maintenance has proved to be a money saver.

In 2009, total Apparatus expenditures was \$303,649.26. For 2010, the total spent was \$211,939.24 This represents a reduction of approximately 30% for the year. 30% is a significant savings considering it's our first year of cooperation. As we learn to work together the end result should be money saved for the Fire Department and the City.

Of the \$211,939.24 spent in 2010, the majority went toward repairs & maintenance on our heavy fleet. Our fleet is comprised of 9 pumpers, 6 squads, 2 aerials and one rescue. Total spent on these 18 apparatus came to \$174,741.69 That figure represents approximately 70% of the total for the year.

Below I've listed our heavy fleet, showing expenditures on each apparatus.

Engine 1: \$8372.53

Truck 1: \$8247.07

Engine 2: \$16,703.47

Truck 4: \$16,326.99

Engine 3: \$20,168.53

Rescue 4: \$4350.09

Engine 4: \$12,306.68

Squad 2: \$6305.09

Engine 5: \$9443.54

Squad 3: \$24,911.68

Engine 6: \$4046.82

Squad 4: \$8317.46

Engine 7: \$1689.43

Squad 5: \$6067.07

Engine 8: \$5106.81

Squad 6: \$6922.71

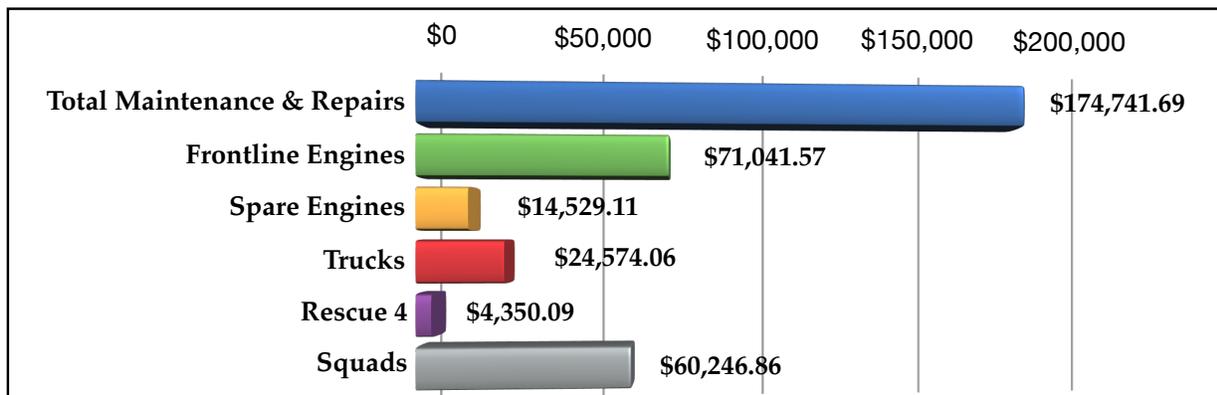
Engine 9: \$7732.87

Squad 7: \$7722.85

WARREN FIRE DEPARTMENT

2010 Annual Report

APPARATUS DIVISION



TOTAL MAINTENANCE & REPAIRS = \$174,741.69

FRONTLINE ENGINES = \$71,041.57

SPARE ENGINES = \$14,529.11

TRUCKS = \$24,574.06

RESCUE 4 = \$4,350.09

SQUADS = \$60,246.86

MSA TESTING & REPAIRS = \$13,665.07

AERIAL & LADDER TESTING = \$2243.00

PUMP TESTING = \$2200

ELECTRICAL GLOVE & CUTTER TESTING & REPAIRS = \$500

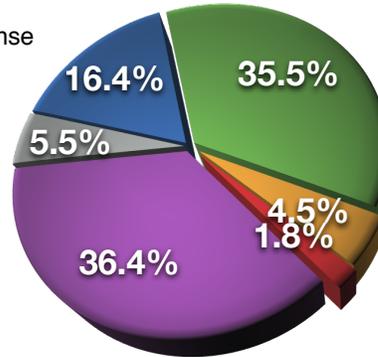
The total expenditures as described above comes to \$193,349.76 The remaining balance of \$18,589.48 went toward maintenance and repairs on our 23 light duty trucks & cars. Also in that figure is included new equipment & supplies purchases for the year.

Looking at our fleet of 18 heavies and 23 light vehicles, it would require a 9 million dollar expenditure to replace them. Currently we are spending approximately 2.3% a year of that to keep our fleet operational.

Hazardous Materials Division 2010 Annual Report

In 2010 the Warren Fire Department responded to 110 incidents identified as involving some type of hazardous substance release. This number is similar to the 2009 response of 112 incidents.

| | |
|----|-------------------------------------|
| 18 | Flammable/Combustible Liquid or Gas |
| 39 | Natural Gas or Propane Leak |
| 5 | Oil or Other Combustible Liquid |
| 2 | Chemical Hazard (No Spill) |
| 40 | Carbon Monoxide |
| 6 | Other |



Hazardous Materials Training

During 2010 the Hazardous Materials Team received 172 man hours of training in 9 training sessions. The average attendance at monthly training was 12 personnel which represents 50% of members currently assigned to the team. Hazardous Materials Team training sessions provided an average annual training of 6 hours 50 minutes per member. A highlight of the team's monthly trainings was a full scale exercise called Vigilant Guard, hosted by the US Army Garrison, Detroit Arsenal. The exercise spanned four days, June 14-17, 2010, culminating in a suspicious backpack with a white powder substance on June 17th, which the department's HazMat Team participated in.

In April 2010, the department hosted an 80 hour Hazardous Materials Technician course. With the completion of the class, the department was able to add 7 new members to the Hazardous Materials Team, increasing the team to 25 members.

Macomb County Hazardous Materials Response Team

In 2010 the three Regional Response Teams in Macomb County, Warren, Sterling Heights and Clinton Township, met several times over the course of the year to formalize the Inter-local agreement for the creation of a Macomb County Hazardous Materials Response Team. During the discussions, Shelby Township Fire Department was added as one of the Sponsoring Agencies. This agreement should be completed in 2011.

New Equipment Acquisitions

During 2010 the Warren Fire Department was able to secure some additional equipment by way of Urban Areas Security Initiative (UASI) Grant and the Metropolitan Medical Response System (MMRS) Grant. Total new equipment purchased in 2010 is valued at \$118,504 and has added new capabilities to our department.

November, 2010- The department received 6 new ONESuit, Level A entry suits with flash protection. The acquisition of these suits gives the HazMat Team an added level of fire protection and a 15 year warranty. The value of this purchase was \$13,155.



December, 2010 - The department received assorted collapse rescue tools, search cameras, and machine rescue equipment. With the purchase of this equipment, the department's Technical Rescue Team now has expanded capability in dealing with building collapse, trench rescue, confined space, high angle rescues and machine rescues. The value of this purchase was \$99,368.

2010 Annual Report