

Annual Report 2007



Urbana Fire Division

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Administrative

Prepared by Chief James McIntosh

2007 Executive Summary

	2007	2006	2005	2004	2003	2002	2001
EMS Runs	2029	1724	1695	1648	1556	1583	1464
City	1549	1326	1266	1207	1121	1170	1090
Rural	429	371	401	396	384	370	350
Mutual Aid	51	35	28	39	51	35	24
Motor Vehicle Accidents							
City	76	66	65	62	57	73	62
Rural	66	74	58	67	80	76	66
Fire Runs							
City	425	327	325	317	263	249	253
Rural	132	107	99	127	104	131	111
Mutual Aid	38	20	20	23	31	22	27
Fire Loss							
City	\$237,510	\$159,550	\$76,375	\$251,325	\$194,355	\$174,701	\$621,080
Rural	\$503,030	\$30,650	\$100,150	\$155,750	\$193,235	\$671,785	\$114,975
City Property Saved	\$2,575,890	\$11,758,005	\$7,450,595	\$1,611,825	\$34,967,847	\$2,391,649	\$42,076,926
Rural Property Saved	\$815,000	\$3,924,200	\$189,500	\$53,700,050	\$634,850	\$2,180,250	\$1,080,495
Receipts							
EMS Receipts	\$376,993	\$343,098	\$330,593	\$305,658	\$265,994	\$231,212	\$84,735
Other Receipts	\$206,283	\$142,607	\$153,755	\$231,081	\$147,377	\$128,412	\$121,828
Training Hours	6369	4987	6733	8294	7610	8276	7684
Vehicle Maintenance Hours	201	230	320	0	218	292	405
Initial Inspections	128	105	124	76	130	71	90
Fire Drills	48	29	33	22	41	29	50
City Reinspections	84	39	39	27	29	33	83
Township Reinspections	18	27	22	26	27	31	34
Contractor Activities	59	61	35	42	63	56	36
Consultations	15	34	23	21	27	16	56
Lectures/Tours	29	31	44	35	56	58	83
Number of Adults	305	581	692	441	656	414	512
Number of Children	1997	2200	3763	1622	4543	4107	4,018
Vacation Hours Used	4217	4355	4102	3830	3893	4613	3,811
Sick Hours Used	2683	2709	2152	2231	2361	2943	1724
Comp Hours Used	1877	2202	2530	2741	2472	2498	3,535
Personal Hours Used	647	848	913	624	1079	1055	1,201
Duty Overtime Hours	2723	3192	2722	3664	4130	3619	3219
Training Overtime Hours	574	406	486	1194	823	3619	1017
Holiday Hours Earned	2190	1867	3000	2043	1944	N/A	N/A

2007 Overview

Once again our emergency run volume reached new levels. We had a total of 2624 runs: 2029 squad runs and 595 other runs. The combined totals are a 20% increase over 2006.

EMS runs brought in \$376,993, which is a \$33,000 increase over the previous year. In November, we once again increased our rates to a total of \$450 per run. However, because of the delays in payments, we will not know the effects of this increase until 2008. As a comparison, in 1997 we brought in \$97,000.

While we attempted to charge for taking fire trucks to wrecks, it was determined that insurance companies would not pay these fees. Currently, there is a disagreement between the fire service and insurance companies over the legality of this charge. During the year, we discontinued this practice until the issue is resolved.

As in previous years, we continued to improve our services through the training program. We had a total of 6368.75 hours of training. A large part of our training revolved around the EMS field. Yearly, we must take and pass a written and practical protocol test. This year, the average score on these tests was 91%. However, we fell short of our goals in the areas of firefighting and rope rescue (See 2006 Annual Report). According to NFPA standards, we should have one live-fire training exercise yearly. But, while several properties were offered to us, none of them were acceptable for training. While we had two training exercises scheduled for the year, never of them was completed due to other obligations. Under the new guidelines set by FEMA in order to receive federal grants, all members must be trained in the National Incident Management System (NIMS). During the year, all members completed all classes.

During the year, we received four grants. We received a grant from Homeland Security to pay all expenses related to NIMS training. We received a grant from The Local Emergency Planning Committee to pay for all Haz Mat training. We received a grant from FEMA to put in a new vehicle exhaust system. And, we received a \$9000 grant from the Ohio Department of Public Safety for EMS training and equipment. (However, next year's grant will be only \$3000.)

By the end of the year, the 911 Dispatch Center had been in place for the entire year. This has been a very valuable asset to us. They have done all of our dispatching throughout the year with only a few minor glitches. When these took place, a brief explanation to the Center would always fix the problems. They now operate in a very professional manner.

During the year, we received a new squad to put in service. In addition, we began looking for a used squad to replace our Medic 3 (1991 Horton). Our plan has been to have a squad in each of three slots for a maximum of five years. With three slots, the oldest squad we should be a 1992. In December, we found a 2001 Model that will fit our needs and we will be taking delivery in March of 2008.

During the year, Captain Evans retired after twenty-three years of service. Firefighter/paramedic Mark Keller was promoted to take his place. In addition, Chad Countryman was hired to fill the opening. Chad joins us with having seven years experience in firefighting and EMS. At the end of the year, Larry Watkins retired after thirty years of service. He was not only the dispatcher/clerk, he took on many additional duties. With his position not being replaced, next year we will have to determine how to take care of these “holes”.

Dr. Romano has been our Medical Director for the past sixteen years. Because Mercy Hospital did not renew the contract with his company, Premier Health Care, we will no longer operate under his license or guidance. Dr. Nathan who works for the Mercy system will be taking his place.

For ten months of the year, firefighter/paramedic Jeff Asper served our country in Iraq. In addition, we had three personnel on light duty throughout the year for a total of twelve months. These factors had a definite impact on our abilities to respond with one less person per shift. However, with everyone doing more and with the shifting of personnel, we believe our quality of service has not suffered. To eliminate the problem, we may want to consider part-time personnel.

Because of the necessity to shift personnel to cover the shifts, we did not have a full time person in the fire prevention bureau the entire year. This caused undue strain on the shifts as well as Captain Torsell since he did double duty as not only a shift Captain but also had to attempt to keep up with the prevention activities.

Early in the year, the city did a customer satisfaction survey of all city services. The fire division received an overall rating of 97% satisfied or very satisfied with the other 3 % stating no negative outcomes. These results verify that we are meeting the customer’s needs. And, throughout the years to come, we hope to continue to meet their needs and to improve our services whenever we can.

2007 Injuries

DATE	TYPE INCIDENT	INJURY
1/28	Fire	Smoke inhalation
1/29	Squad	Strained back
2/14	Fire	Strained calf muscle
2/17	Station	Bruised knee
2/19	Station	Severe tinitis from bursted air bottle disc
2/19	Fire	Back strain
5/19	Squad	Bitten by patient
6/26	Fire	Chest pain
7/10	Station	Bruised elbow
8/5	Squad	Medical exposure
8/15	Hydrant maintenance	Breathing difficulties
8/27	Station	Back strain
8/29	Squad	Medical exposure (3 personnel)
9/11	Squad	Medical exposure (2 personnel)
9/13	Squad	Head injury by patient
11/10	Fire	Smoke inhalation
12/3	Squad	Back strain

There were 2 lost time accidents in 2007.

2007 Overtime

MONTH	CITY EMS	COUNTY EMS	CITY FIRE	COUNTY FIRE	EMS TRAINING	FIRE TRAINING	OTHER	TOTAL
JAN	38	13	13	72	12	0	46	194
FEB	69	33	29	36	36	0	128	330
MAR	110	23	55	17	168	9	63	444
APR	43	20	36	23	5	0	62	189
MAY	89	59	39	12	35	1	177	411
JUN	85	27	48	3	5	0	55	222
JUL	65	15	35	8	0	20	48	190
AUG	136	47	50	33	3	32	60	360
SEP	77	37	43	15	56	17	19	263
OCT	87	45	25	15	27	62	70	330
NOV	63	34	28	46	73	16	105	366
DEC	75	16	31	14	0	0	22	157
TOTAL	937	367	430	292	419	156	854	3454

MONTH	MINIMUM STAFFING	MUTUAL AID	STAFF MEETINGS	LEPC	EMERGENCY MAINT	FIRE PREVENTION	CITY MEETINGS	HOLIDAYS	NEW FF TRAINING
JAN		8	1	37			1	480	
FEB	100	25			3			0	
MAR	37	6	1					204	7
APR	24	3	3			3		204	27
JUN	63							134	90
JUL	15		3	28	5			0	
AUG		6	1		3	3	2	120	
SEP	34		3		2				
OCT			1					192	
NOV			2			2	61		
DEC	37	8	2	28				408	
TOTALS	310	64	21	93	12	8	64	2190	124

NOTES

March	1.5 hours for court and 10 hours for squad specs
April	2 hrs to fix computer crash
May	22 hrs for new squad, 2 hrs to fix computers
June	4 hrs to assist water department
July	26 hours funeral detail
August	7 hours funeral, 2 hrs for hazmat physical
November	9.75 hrs National incident management system training paid by Homeland Security Committee
December	6 hrs NIMS paid by a grant, 2 hrs for computer work

HOURS FOR FOOTBALL GAMES AND LEPC ARE REIMBURSED

Urbana Fire Division Goals 2008

- To flow test fire hydrants in second ward
- To flush hydrants in fourth ward
- To test all hoses
- To test all fire truck pumps

TRAINING

- To develop more in-house EMS classes
These classes will be developed in conjunction with the mandated classes to recertify as a paramedic.
- To continue to develop a better in-house fire training program in the areas of:
 - Foam training
 - Relay pump training
 - Haz Mat operations/technician refresher training
 - Confined space training
 - High angle rescue training
 - Pump operations training
 - Fire attack training
 - Fire attack with surrounding fire departments training
- To conduct a live-fire training exercise

- To send firefighters to FDIC to receive train-the-trainer classes
- To assist personnel in preparing to become officers
- To further pre-plan industries in the territory

ANCILLARY

- To support Box 13
 - To provide training classes for the members of the organization
 - To call them to emergencies as much as possible
- To support Explorer Post 107
 - To assist in recruiting members through the school system
 - To familiarize members of the organizations with learning to be Firefighter/paramedics
- To assist all county fire organizations
- To standardize firefighting and EMS techniques
- To standardize an accountability system
- To put together automatic mutual aid procedures

A Look at the Future

For several years, we have attempted to get the vehicles on a rotating basis for replacement. However, due to budget constraints, this has not been possible. But with the delivery of a used 2001 ambulance in March, the squads will be in a position to be replaced as necessary. This rotation should take place at a maximum of five years. We have also been attempting to put the fire trucks on a rotating basis. But, to date, this has not been possible. We have been purchasing these trucks when absolutely necessary. At the present, we have a 1984 pumper, 1997 pumper/ladder, and a 2004 pumper. If we were to keep a pumper for a maximum of twenty-five years, we should be putting the specifications together in 2008 for a 2009 delivery. But, this gets us no closer to spaced intervals for replacements.

Every year there are assignments that need to be carried out in order to keep our Class 4 ISO rating. These include testing fire hydrants and hoses as well as maintaining the trucks and equipment necessary to put out fires. However, with the ever-increasing number of emergency runs, these are becoming more difficult to reach.

Each year the department members must receive approximately thirty hours of continuing education in the EMS field to maintain the paramedic certification. And, in order to maintain the ISO rating, all members must maintain numerous hours in firefighting training. Along with these hours, we must have a minimum of eight hours of hazardous materials training, additional rescue training, and a department-wide live fire training. We continue to inspect as many industrial and commercial buildings as possible every year. While we attempt to get to all of them yearly, this is impossible.

For 2008, we have put in for two grants: 1.) We will be receiving a \$3000 grant from the Department of Public Safety for EMS training and equipment. These grants run from \$1000 to \$12,900. Last year we received \$9000. 2.) We put in for an \$88,000 grant to put computers into the emergency responding vehicles. As of January of 2008, we do not have an answer on this grant.

But, as in previous years, we will do our best for the citizens of Urbana by making their emergencies our number one priority. We will continue to do the best we can to save lives, property and the environment to the best of our ability. We will continue to meet the ISO mandated assignments. And, as always, we will do our jobs in the safest manner possible.

Staff Profiles

Chief James McIntosh, EFO

Appointed to Division April 15, 1974
Promoted to Chief May 14, 1991
B.A. Urbana University

Captain James Freeman

Appointed to Division June 3, 1985
Promoted to Captain July 20, 1991
B.S. University of Cincinnati
A.A.S. Sinclair Community College

Staff Duties NFIRS Program Manager Network Administrator
Maintenance Officer

Specialties Fire Investigator
Certified Fire Safety Inspector

Captain Phillip Kellenberger

Appointed to Division January 3, 1988
Promoted to Captain June 5, 1995
A.A.S. Sinclair Community College

Staff Duties Training Officer

Specialties Fire Investigator Certified Fire Safety Inspector
Fire Service Instructor

Captain David Torsell

Appointed to Division January 17, 1977
Promoted to Captain November 3, 1998
Chief, Fire Prevention Bureau

Staff Duties Safety Officer Public Fire Education
ISO Compliance Officer Code Enforcement

Specialties HazMat Technician Rope Rescue Specialist
Fire Investigator EMS Instructor
PITLS Instructor CPR Instructor
ACLS Instructor ITLS Inspector

Captain Mark Keller

Appointed to Division March 1, 1992
Promoted June 13, 2007
A.A. American Intercontinental University

Staff Duties NIMS Program Coordinator Box 13 Liaison

Specialties HazMat Technician
Fire Investigator
Certified Fire Safety Inspector
CPR Instructor
Rope Rescue Specialist
Fire Service Instructor

FF/PM Dean Edwards Appointed to Division June 18, 1984
Senior Firefighter, B Unit

Staff Duties HazMat Program Coordinator

Specialties HazMat Technician River Rescue Specialist
Rope Rescue Specialist Certified Fire Safety Inspector
Fire Service Instructor SCUBA Diver

FF/PM Brett Evilsizor Appointed to Division November 3, 1986
Senior Firefighter, C Unit

Specialties Public Fire Educator Rope Rescue Technician
HazMat Technician River Rescue Technician
Fire Investigator Certified Fire Safety Inspector
EMS Instructor

FF/PM Brian Williams Appointed to Division September 1, 1988

Specialties HazMat Technician Certified Fire Safety Inspector
NASAR Technician III Bagpiper
Rope Rescue Specialist

FF/PM Chris Massie Appointed to Division January 1, 1989

Specialties Public Fire Educator
Certified Fire Safety Inspector
Juvenile Firesetter Instructor

FF/PM John Dale Appointed to Division June 1, 1991
B.S. Urbana University
A.A. Ohio State University

Staff Duties Training Record Validation and Entry

Specialties HazMat Technician Certified Fire Safety Inspector
Rope Rescue Specialist

FF/PM Ron Lyons Appointed to Division June 27, 1991

Staff Duties Shift Inspector, B Unit

Specialties Certified Fire Safety Inspector Rope Rescue Specialist
Public Fire Educator

FF/PM Jeff Asper	Appointed to Division March 1, 1992 A.A.S. Clark State Community College
Specialties	HazMat Technician CPR Instructor Rope Rescue Specialist Certified Fire Safety Inspector EMS Instructor
FF/PM Jerry Kirk	Appointed to Division March 1, 1992 A.A.S. Sinclair Community College
Specialties	ASE Certified Master Mechanic Certified Fire Safety Inspector
FF/PM Barry Wolf	Appointed to Division March 1, 1992
Staff Duties	EMS Coordinator
Specialties	Fire Investigator Certified Fire Safety Inspector EMS Logistics EMS Instructor PALS BTLS PBTLS Instructor
FF/PM Chris Jones	Appointed to Division June 1, 1992
Staff Duties	SCBA Technician
Specialties	Hydrant Records Woodworking UFD Historian
FF/PM David Curnutte	Appointed to Division August 21, 1992 M.S. Grand Canyon University B.S. Urbana University A.A.S. City Colleges of Chicago
Staff Duties	Driver Training Coordinator
Specialties	HazMat Technician Fire Service Instructor PBTLS Instructor Certified Fire Safety Inspector BTLS Instructor
FF/PM Chris Logan	Appointed to Division August 9, 1993
Staff Duties	Rescue Coordinator, Confined Space Coordinator
Specialties	HazMat Technician ACLS Instructor Rope Rescue Specialist Fire Service Instructor Certified Fire Safety Inspector GEMS Instructor

FF/PM David Inskip	Appointed to Division September 5, 1998	
Staff Duties	EMS Co-Coordinator	
Specialties	Fire Investigator CPR Instructor Certified Fire Safety Inspector BTLS Instructor ACLS Instructor EMS Instructor	HazMat Technician PALS Instructor First Aid Instructor PBTLS Instructor GEMS Instructor ASHA Instructor
FF/PM Eric Beverly	Appointed to Division September 25, 1999	
Specialties	HazMat Technician Apparatus Mechanic Bagpiper	Fire Investigator Fire Safety Educator Key Box Coordinator
FF/PM Brian Joyce	Appointed to Division May 7, 2002	
Staff Duties	Preplans	Resource Book
Specialties	Rope Rescue Ops Certified Fire Safety Inspector	Hazmat Technician Assistant Fire Instructor
FF/PM Jason Croker	Appointed to Division July 8, 2004 A.A.B. Clark State Community College	
Staff Duties	ITS Coordinator	
Specialties	Certified Fire Safety Inspector Assistant Fire Instructor NFIRS Program Management	HazMat Technician 911 Center Coordinator
FF/PM Joshua Klepinger	Appointed to Division May 3, 2006 A.A.S. Sinclair Community College	
Staff Duties	ITS Coordinator	
Specialties	Certified Fire Safety Inspector EMS Special Topics Instructor	HazMat Technician CPR Instructor
FF/PM Chad Countryman	Appointed to Division June 11, 2007	
Staff Duties	Records Retention	
Specialties	Certified Fire Safety Inspector Auto Extrication Technician	CPR Instructor

Chaplain Timothy West

Appointed to Division September 2, 2003
D. Min. Fuller Theological Seminary
M.A. University of San Francisco
M. Div. Church Divinity School of the Pacific
B.A. University of California at Santa Barbara

Specialties Licensed Professional Clinical Counselor – Supervising Counselor
Licensed Independent Chemical Dependency Counselor – Supervisor
National Certified Counselor
Critical Incident Stress Management training
Training in mediation, general and divorce mediation
Member of American Counseling Association
Member of Federation of Fire Chaplains

Chaplain's Report

Prepared by Chaplain Timothy West

Annual Report of Division Chaplain for 2007

During 2007, the departmental chaplain made more than 38 visits in support of families, victims and firefighters. Specific acts included but were not limited to: transporting family members, assisting with Rehab services, comforting families of persons involved in house fires or traffic accidents, support for firefighters and their families in times of illness or stress, connecting families with other community resources, provide crisis intervention and grief support for those in traumatic circumstances, and representing the Fire Division in meetings and funerals. The Chaplain worked with the Health Department in a support plan for the Flu pandemic planning mandated by the State.

This year, the Chaplain assisted Mechanicsburg Fire Department in the Line of Duty Death in late July by providing support and CISM interventions. He continues contact with Chief Shonkweiler to provide on-going support. Chaplain West assisted by Capt. Torsell, also provided CISM services for Bellefontaine Fire Department in the absence of their Chaplain. Finally, Chaplain West assisted Urbana Police in a family notification in the absence of their Chaplain. The Chaplain also sent condolence cards to seven families or individuals on behalf of the Fire Division.

Finally, the Chaplain will renew efforts to receive further Chaplain training through the Federation of Fire Chaplains.

Fire Prevention Bureau

Prepared by Captain David Torsell

Urbana Fire Division

Captain David M Torsell Jr.
Chief of Prevention
107 East Market Street
Urbana, Ohio 43078

Desk 937/652-4374
Business 937/652-4371
Fax 937/652-4378

Chief McIntosh,

I would like to take this opportunity to thank you, the membership of the Urbana fire Division, Box 13 Fire Associates, the firefighters and officers of the Champaign County fire departments, and the State Fire Marshals office, for the support and assistance they gave during the past year. We have utilized mutual aid and investigation services more than any time in our history.

Every community in our county is feeling the effects of low manpower and without the willingness to help each other the fire and health-care losses would definitely increase. The responders in our county are well trained and jump at the chance to help when we call. This is a win, win, situation as it provides some of the extra help needed for incidents and, at the same time, creates better relationships between communities. We work well together and have no boundaries when it comes to service to our customers.

The Fire Prevention Bureau is utilized for many services and responsibilities other than inspections and investigations. This past year I have had to move back into a company officers position for extended periods. The first time was due to a retirement and the second was due to injury and illness. The prevention responsibilities were covered by the shift inspectors and Fire Prevention weeks were once again taken care of by education specialist Chris Massie. Without these individuals and the willingness of the company officers to work with me, the bureau could not operate. A special thanks to these dedicated members.

Working with suppression contractors, testing underground installations, hydrostatic testing and plans review are just a few of the other responsibilities of the bureau. I am also required by law to have continuing education hours to maintain my medic license as well as company training for fire suppression all of which takes time out of the bureau.

Staffing is and will continue to be an issue that affects what services we can provide and how well we provide those services. The run volume increases every year and we continue to do more with less which is a safety issue in our profession. Once again I commend the staff of dedicated professionals we have who give their all to provide such outstanding services to our community.

My goal for 2008 is to better organize the way we do inspections so that we can get in to more occupancies and increase the number of company inspections, so members can maintain familiarity with our target hazards. I will continue to work toward a fire safe downtown and will do my part to progress our division beyond our established goals. Thank you again for your support in making Urbana a safe community.

Respectfully submitted;

Captain David Torsell

Public Education and Training

Public Fire and Safety Education is and always will be a priority program in our division. Public education provides our customers with the information and training they need to react and respond intelligently to emergency situations. It goes without saying that a well rounded education program requires a caring and dedicated individual who works well with customers of all ages. Chris Massie continues as our bureau education specialist providing outstanding programs to schools and businesses. During Fire Prevention weeks, Chris has established a program that is requested every year by departments in Champaign as well as bordering counties. The Fire Safety House, which was also Chris' idea, has been used by school districts all around us. Fire fighters from other communities have been trained by Chris to operate the safety house which solves some of the manning issues that have come up in past years. Training firefighters from other departments to operate the safety house allows them to train the customers in their service areas which is a great public relations tool for them. The safety house makes the training very realistic with the ability to simulate smoke and severe weather conditions. We begin the education process in the schools and carry it throughout the lives of those we serve, even though as adults, they may not realize that they are still a big part of the safety education process. There is no way that we can affix a number to how many lives are saved by prevention and safety programs across our nation.

The Urbana Fire Division is fortunate to have the support to continue our community education programs. We have firefighters volunteering to assist with the programs and even alter their work schedules to make themselves available for presentations. Firefighter Chris Massie will continue as the divisions' public education and juvenile fire-setter specialist. The programs that we make available to the schools and the public, the fire safety house, the resources for education that we have at our disposal, and the simple fact that this program continues to grow and be important to our community are all possible because of the dedicated effort of men like Chris.

The number of responses made is increasing every year and even with all of the advances we have made in training and equipment, the fire service still averages about 100 deaths per year not to mention the loss to the civilian population. One of our best tools to combat these figures is public safety education programs and training. The members of the Urbana Fire Division are proud of our commitment to educating the public in fire prevention and safety activities. Firefighter Massie is always looking for new programs to bring to the area and does an outstanding job of keeping the programs fun as well as educational for the participants.

Fire safety education has to be a dynamic process. The sole purpose of these programs is to help our customers stay informed and know what to do in the event an emergency should happen to them. Preparation is half the battle and I thank our members for the fine job they do in preparing this community.

Firefighter Phil Activities

Creative Safety Products is a school based educational program which has been part of our team for many years. The program has gained wonderful reviews from teachers and children in our school system. The use of games, stories and animated figures brought to life through the skills of a professional ventriloquist, along with the participation of the kids, make for a very enjoyable yet educational program. This program would not be possible were it not for the generosity of the merchants and businesses in our community. The folks at Creative Safety solicit the donations based upon how many children will see the program in a given season. Only the amount needed to cover that season is collected and they try to use different sponsors each year in an effort to not over burden any single business every year. With economic times being what they are I cannot thank the merchants of Urbana enough for their generosity. They support our program every year and we hope they will think it important enough to continue in the future. Thanks again!

The following, Table 1, illustrates the Firefighter Phil program activities for the year 2007.

Table 1. Fire Fighter Phil Program

East Elementary	3 rd Grade	180
Grace Baptist Academy	K, 1 st and 2 nd Grades	14
North Elementary	K, 1 st and 2 nd Grades	288
Catholic Central Elementary	K, 1 st , 2 nd and 3 rd Grades	35
TOTAL		517

Fire Prevention Week

It is early evening on Sunday October 11, 1871. Smoke and flames are seen in the vicinity of the O'Leary barn and in no time buildings are burning all over Chicago. Hundreds of miles away flames spread quickly through the lumber mill town of Peshtigo, Wisconsin fueled by dry timber and forest surrounding the town. Devastating some 16 towns in its path, this fire, though not as well known as the Chicago fire, was truly one of the biggest fires in US history. 137 years later Fire Prevention Week is still held during the week of October 11th, and is used as a time to teach fire safety to communities all across the nation. During Prevention week 2007, firefighters Chris Massie, Eric Beverly, and Brian Joyce were placed on special assignment for two weeks to make sure the prevention activities could be presented. The schedule is tight for the two weeks and there were times that we needed to rely on the help of the duty crews to get the proper

apparatus to the presentations and still be in service to respond to calls. I would like to thank my fellow officers Captains Freeman, Kellenberger, and Keller for their part in helping us keep the prevention programs possible, even altering their shift activities and training in order to make it happen.

The numbers of participants was down a bit this year but we were able to get to all of the engagements we have done in the past. Several of the departments we have helped in the past moved their dates and we were just not able to staff for those programs at the time.

The following, Table 2, represents the activities for Fire Prevention Week 2007.

Table 2. Activities for Fire Prevention Week 2007

LOCATION	ACTIVITY	LEVEL	STUDENTS
Center for Creative Childcare	Robot Sparky	Preschool	100
Lil'Bear Learning Center	Closed	Preschool	0
Johnny Appleseed Montessori	Robot Sparky and Eng 2	Preschool	21
Catholic Central Elementary Urbana Campus	Robot Sparky, Fire Safety House and E-2	K through 3rd	34
North Elementary	Robot Sparky, Fire Safety House and E-2	K, 1 st , 2 nd Grades	274
Gingerbread House	Robot Sparky and Eng 1	Preschool	60
Head Start A.M. and P.M.	Robot Sparky and Eng 2	Preschool	72
Lawnview School	Robot Sparky, Eng-2 Fire Safety House	Preschool	190
East Elementary	Fire Safety House And Eng-2	3 rd , 4 th Grades	361
YMCA	Robot Sparky and Eng 2	Preschool	50
South Vienna Elementary	Could not staff		0
South Elementary	Robot Sparky, Fire Safety House and E-2	K, 1 st , 2 nd Grades	233
Triad Elementary School	Sent Safety House	NECCFD	
Wee Wisdom Preschool	Robot Sparky and Eng 2	Pre-school	25
<u>TOTAL</u>			991

Additional Educational Functions

We participate in many functions which are not part of the normally scheduled programs for Fire Prevention week. Tours of the division are given to classrooms as well as individuals or families who stop in find out about their fire department. Special requests for the smoke house and storm simulator are also fulfilled when manpower allows. We continue to receive requests for extinguisher training and members do presentations on fire safety and related topics when requested by service organizations

Inspection Activities

The bureau has many responsibilities in addition to inspections. The inspectors, in addition to regular duties, are required by law to do continuing education to maintain certifications in several areas. They also have to participate in daily training along with responding to emergency calls, which are increasing yearly. The bureau does all fire investigations and also answers complaint calls from citizens. We have an increasing number of foster care and adoption inspections, which are also required by the State for applicants wishing to adopt. We have been working with the Building regulations department on new construction projects as well as the structural problems we have in the downtown area. I was reassigned as a company officer for several months this year. The increasing run volume, limited manpower, required training to maintain credentials, working on new construction projects, plan reviews and code research, and the fact that I still function as a firefighter, paramedic, and investigator when needed, are just a few reasons why our inspection numbers are not higher. I am working with two new inspectors to improve these numbers.

Table 3. Inspection Activities

Year:	2001	2002	2003	2004	2005	2006	2007
No. of Inspections	345	237	322	221	281	304	415

Table 4. Fire Loss vs. Property Saved 2007

City Property Loss	\$247,510
City Property Saved	\$2,727,840
County Property Loss	\$513,530
County Property Saved	\$1,171,070

A Special Word of Thanks

I would like to extend a special thanks to Mr. Larry Watkins who retired from service to this Division this year. For over 30 years Mr. Watkins was a dedicated member of our family and went above and beyond his responsibilities as a dispatcher/clerk to serve our customers and make our job easier to do. I wish him the very best in his retirement and again thank him for his years outstanding service. Our City has lost a true asset. Best wishes Larry and don't be a stranger!

Training

National Incident Management System (NIMS)

In accordance with Homeland Security Presidential Directive 5 (HSPD-5), the Urbana Fire Division completed the required training of all of its members in order to comply. HSPD-5 sets the requirement that the adoption of NIMS by State and local organizations is a condition for Federal preparedness assistance (grants, contracts, and other activities).

While this requirement for Federal assistance is important, we at the Fire Division know that how we interact in the future with other agencies at emergency incidents is very important. The events of previous national and regional disasters have underscored the need for national standards for incident operations, communications, qualifications, resource and information management, and supporting technology.

And NIMS details how we as emergency responders fit into a flexible frame work that facilitates various entities at all levels working together at emergency incidents. NIMS provides a standardized organizational structure, processes, procedures, and systems that are designed to improve interoperability between the responding agencies.

All of the Urbana Firefighters have been trained to NIMS-100, NIMS-200, NIMS-700, and NIMS-800. And all of the Urbana Fire Division Officers have received additional training with the completion of NIMS-300 and NIMS-400. These courses were completed by using either an on-line course or direct instruction by certified trainers.

In addition to the training that has been completed, we at the Urbana Fire Division are now checking into our procedures, resources, and other areas of our operations to determine if any changes are needed.

Station Training

Currently the division has 5 Public Safety Services (PSS) Fire Instructors on duty and 5 PSS Emergency Medical Services Instructors on duty. The PSS Fire Instructors teach on a variety of subjects that are directly related to the National Fire Protection Associations (NFPA) Standard 1001, training for professional firefighters. The PSS EMS Instructors teach from the National Curriculum.

Each shift is tasked with completing 2 hours of training per day per member. This instruction can be delivered by a certified instructor or can be completed on an individual basis by the member using various methods, including using training sites on the internet. However, with the increase of incidents in 2007, it is becoming more difficult to provide and meet the training requirements as outlined. And unless additional members are hired

or another means is provided that ensures that the members are provided the time to receive the required training, the training will continue to shift towards individual training instead of training by a group by an Instructor.

Off Premises Training

Ohio Administrative Code is now tasking each Firefighter, Inspector, and Instructor with annual certification renewal in order to maintain certification. This will require each member to obtain additional continuing educational credits for certification and recertification each year. This is in addition to the requirements for EMS recertification.

Because of the technical nature of the emergency services that the Urbana Fire Division is here to provide, there is the need for instruction that the members can not obtain while at the division. These areas of instruction require the members to apply for and obtain training off premises.

Most of these classes are for recertification for EMS certifications, of which the members must have in order to perform their duties under the Medical Director's license. Some of these classes are taken in order for the Fire and EMS Instructors to be recertified to teach.

Annual Totals

Total training hours are listed by category below.

TOPIC	HOURS
Administration	770.50
Fire	3687.00
EMS	1126.50
Hazardous Materials	301.50
Technical Rescue	96.50
Physical Fitness	344.75
Response Preplanning	184.5
TOTAL	6511.25

Goals for 2008

- To provide at least 2 hours of EMS training per month, per member to assist with recertification.
- To work towards annual live fire training for all members in compliance with NFPA 1403.
- To provide training on Technical Rescue for all members of the division.
- To provide Hazardous Materials training for all members of the division.
- To work on increasing the annual budget for training in order to send and provide needed training for the members of the division.
- To increase our participation in training at the Ohio Fire Academy.
- To work towards training given as a group exercise instead of training completed as an individual.

Emergency Medical Services

Prepared by FF/PM Dave Inskeep

Emergency Medical Services

The Urbana Fire Division currently has 22 active paramedics and 1 basic EMT. Our Emergency Medical Technicians are highly motivated. They are trained in the most current pre-hospital treatments and procedures. This year our Medical director, Dr David Ramano was forced to resign due Mercy Hospital not renewing the contract with Premiere Health Care to provide emergency room physicians. As of October 1, 2007 the Urbana Fire Division functions under the medical direction of Dr. Annette Nathan and continues to follow standing orders provided by the Greater Miami Valley Emergency Medical Service Council. Dr. Nathan has agreed to allow the Division to continue using addendums added to the standing orders protocol to allow the division to use the latest technology, procedures and equipment (some of which UFD is the first in the state to use) to provide exceptional care to our patients.

In 2007, The Urbana Fire Division responded to 2095 EMS calls including auto accidents. (Medic 1-1610 calls, Medic 2-341 calls, Medic 3-32 calls, and 112 services not needed or services refused).

Continuing EMS Education

The State of Ohio requires every paramedic to maintain a minimum of 92 continuing education hours every 3 years. As part of the 92 CEUs, paramedics are required 12 pediatric hours, 8 trauma hours, 4 geriatric hours and 16 hours of cardiac care or Advanced Cardiac Life Support. The beginning of every year all EMTs are required to take a written and practical test on the Greater Miami Valley Emergency Medical Service Council protocol. This year Urbana Paramedics had an overall score of 91% the highest in Champaign County. Our Emergency Medical Technicians are maintaining their certifications according to State guidelines. In 2007 the Fire Division received a \$ 3,500.00 grant from the State of Ohio to be used for training and purchase of new medical equipment. We will be applying for the 2008/2009 Ohio grant in March.

Emergency Medical Equipment

In May of 2006 a new 2007 Navistar/Horton was purchased and placed as the front line Medic. We took delivery in April of 2007. Medic 1 and Medic 2 became Medic 2 and Medic 3. Currently, our 1996 Navistar/Horton Medic 2 is in fair condition. The 1991 Navistar/Horton Medic 3 is in poor condition. The BOX 13 1985 Ford Medic 3 was changed to a Basic Life Support unit and renamed Squad 4 and will no longer be used as

a responding unit. In 2007 Engine 1 was equipped with Advanced Life Support (ALS) equipment; this allows a response to a patient when an ambulance is not available and give ALS care until an ambulance is available.

Goals and Future Direction

Emergency Medical Services and Health Care Services are one of the fastest growing and expanding fields. New changes and improvements are discovered daily.

Our first goal is to continue our plan to replace Medic units on a five-year rotation. In 2008 we will take delivery of a used 2001 Navistar/Horton medic unit which will fit into the second line medic slot. This will bring us closer to our goal of a five year rotation. In 2009 we plan to spec a new Medic for delivery in 2010. In 2014 we plan to spec another Medic for delivery in 2015. If we can continue this cycle, the oldest a Medic will be is 10 years old when it moves into the third line.

5 YEAR MEDIC ROTATION MEDIC UNIT YEARS OF SERVICE

Medic unit	2008	2010	2015	2020	2025
1991	OUT				
1997	10	OUT			
2001	6	9	OUT		
2007	NEW	3	8	OUT	
2010		NEW	5	10	OUT
2015			NEW	5	10
2020				NEW	5
2025					NEW

The patients that we care for have a right to reliable and updated emergency vehicles. Changing protocols are starting to require patients to be transported to special care facilities. Example: Chest pain will be transported to a facility that has 24 hour heart cath labs. We also need to look to the future of local care facilities. Once the construction of the new Community Mercy Health Partners Hospital is completed more patients will require transport to this facility per protocol.

In 2008 the Fire Division will continue providing superior patient care and to remain progressive. The members of the Urbana Fire Division are dedicated, and will continue to be dedicated to serving the Citizens of Urbana, Urbana Township and surrounding areas.

Fire Data

Prepared by Captain James Freeman

NFIRS Program

The Urbana Fire Division collects data on all fire and EMS responses. The Fire Division utilizes Firehouse Software™ Version 7.1.10 for data collection. The Fire Division participates in NFIRS (National Fire Incident Reporting System.) The Division also participates in the Ohio EMS Incident Reporting System. The Firehouse Software™ Version 7.1.10 system conforms to both the NFIRS 5.0 standard and the current Ohio EMS Data Center standard.

NFIRS Data Collection Process

The U.S. Fire Administration and the National Fire Information Council (NFIC) jointly manage NFIRS. NFIC is voluntary users' group who donates their time to maintain the NFIRS system. NFIC members are representatives of state and metropolitan agencies that are responsible for fire data collection and analysis.

NFIRS is comprised of 14,000 reporting fire departments. After responding to an incident, fire department personnel complete the appropriate NFIRS reports. These reports detail the nature of the call; the action firefighters took in response to the call, and the result. The data includes the number of civilian or firefighter casualties and estimate of property loss. The reports completed by a particular fire department may be state-specific; however, they contain a core of information common to every reporting system. The uniform definitions used in coding these fields makes aggregation of national data possible.

The Urbana Fire Division submits completed NFIRS reports to the Division of State Fire Marshal. The data is transmitted electronically on a monthly basis. The Fire Marshal combines our information with data from other fire departments into a statewide database and then submits the data to the National Fire Data Center at the U.S. Fire Administration.

EMS Data Collection Process

The Ohio EMS Board established an emergency medical services incident reporting system for the collection of information regarding the delivery of emergency medical services in Ohio and the frequency at which the services are provided. All emergency

medical service organizations must submit to the board all information that the board determines is necessary for maintaining the incident reporting system. The Fire Division uploads EMS incident data to the Ohio EMS Data Center on a monthly basis.

Breakdown of Fires and Other Incidents 2007

A. FIRES IN STRUCTURES BY FIXED PROPERTY USE	Number of Fires	Civilian Deaths	Civilian Injuries	Property Damage
1. Private Dwellings	20	0	0	424,688
2. Apartments	3	0	0	10,010
3. Hotels and Motels	0	0	0	0
4. All Other Residential	1	0	0	0
5. TOTAL RESIDENTIAL FIRES				
6. Public Assembly	2	0	0	20,025
7. Schools and Colleges	4	0	0	2,000
8. Health Care/Penal	0	0	0	0
9. Stores and Offices	1	0	0	23,735
10. Industry/Utility	3	0	0	53,100
11. Storage in Structures	4	0	0	326,000
12. Other Structures	0	0	0	0
13. TOTAL STRUCTURE FIRES	38	0	0	\$859,588
B. OTHER FIRES AND INCIDENTS				
14a. Highway Vehicles	13	0	0	2,250
14b. Other Vehicles	1	0	0	0
15. Non-Structure/Non-Vehicle	16	0	0	0
16. Brush/Grass/Wildland	7	0	0	
17. Rubbish/Dumpsters	14	0	0	
18. All Other Fires	2	0	0	1,600
19. TOTAL FOR FIRES	91	0	0	\$863,408
20. Rescue/Emergency Medical	1,967			
21. False Alarms	98			
22. Mutual Aid	107			
23a. Hazmat Responses	42			
23b. Other Hazardous Responses	50			
24. All Other Responses	268			
25. TOTAL FOR ALL INCIDENTS	2,623			

Note: Property loss totals include contents loss

Breakdown of False Alarm Responses 2007

TYPE OF RESPONSE	Number of Incidents
Malicious, Mischievous False Call	4
System Malfunction	33
Unintentional	50
Other False Alarms	11
TOTAL	98

Leading Fire Causes 1996-2007

The fire cause is the condition or situation that allows a heat source and fuel source to combine and start a fire. This table lists the reported fire causes for the past 12 years.

CODE	DESCRIPTION	Percent of All Fires	Total Loss	Percent of Losses
0	Cause, Other	3.83	\$145,408	2.32
1	Intentional	8.61	543,603	8.68
2	Unintentional	44.08	2,011,280	32.13
3	Failure of Equipment or Heat Source	26.24	1,212,323	19.36
4	Act of Nature	2.28	40,951	0.65
5	Active Investigation	4.35	1,039,795	16.61
U	Undetermined After Investigation	10.58	1,267,136	20.24

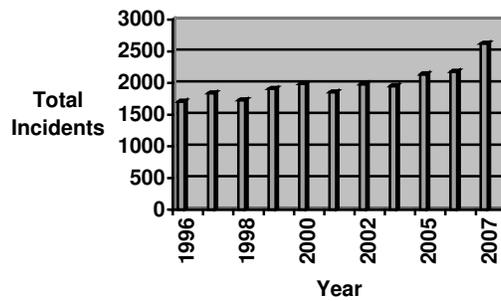
Areas of Fire Origin Summary 1996-2007

The area of origin describes the primary use of the area where a fire originated in a property. This table indicates the trends over the last 12 years. Losses totaling less than \$5000 over the period are not included.

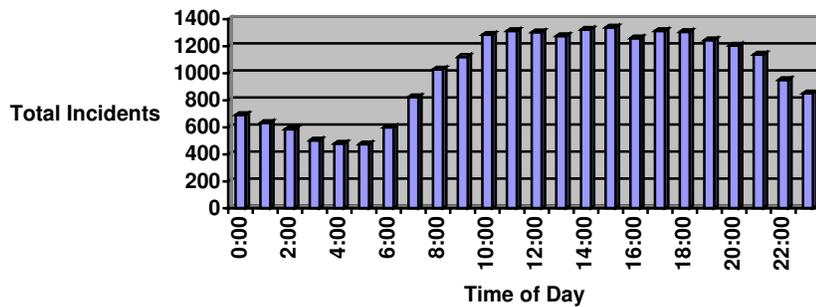
Code	Description	Percent of Responses	Dollar Loss
83	Engine area, running gear, wheel area	16.91	226,920
94	Open area - outside; included are farmland, field	15.98	46,033
24	Cooking area, kitchen	10.27	634,960
21	Bedroom - < 5 persons; included are jail or prison	3.42	900,220
UU	Undetermined	3.32	816,687
81	Operator/passenger area of transportation equip.	3.32	23,712
26	Laundry area, wash house (laundry)	2.80	88,290
76	Wall surface: exterior	2.49	44,654
74	Attic: vacant, crawl space above top story, cupola	1.97	341,037
71	Substructure area or space, crawl space	1.97	333,960
62	Heating room or area, water heater area	1.56	243,300
75	Wall assembly, concealed wall space	1.56	145,000
47	Vehicle storage area; garage, carport	1.45	315,100
92	Highway, parking lot, street: on or near	1.45	105,002
86	Exterior, exposed surface	1.45	10,102
14	Common room, den, family room, living room, lounge	1.35	458,871
38	Processing/manufacturing area, workroom	1.24	243,502
46	Chute/container - trash, rubbish, waste	1.24	17,554
25	Bathroom, checkroom, lavatory, locker room	1.04	35,085
40	Storage area, Other	0.93	15,752
60	Equipment or service area, Other	0.83	24,800
82	Cargo/trunk area - all vehicles	0.83	20,460
72	Exterior balcony, unenclosed porch	0.73	204,425
43	Storage: supplies or tools; dead storage	0.73	108,500
84	Fuel tank, fuel line	0.73	29,170
41	Storage room, area, tank, or bin	0.62	474,600
42	Closet	0.52	30,310
85	Separate operator/control area of transportation	0.52	22,150
77	Roof surface: exterior	0.52	7,000
80	Vehicle area, Other	0.52	6,785
13	Assembly area - less than 100 persons	0.52	5,610
20	Function areas, other	0.41	78,500
63	Switchgear area, transformer vault	0.41	36,300
35	Computer room, control room or center	0.41	12,200
70	Structural area, Other	0.41	10,101

73	Ceiling & floor assembly, crawl space btwn stories	0.31	25,000
05	Entrance way, lobby	0.31	5,100
45	Shipping/receiving area; loading area, dock or bay	0.21	10,400
17	Swimming pool	0.10	50,000
23	Bar area, beverage service area, cafeteria	0.10	20,000
58	Conveyor	0.10	5,000
66	Cell, test	0.10	5,000

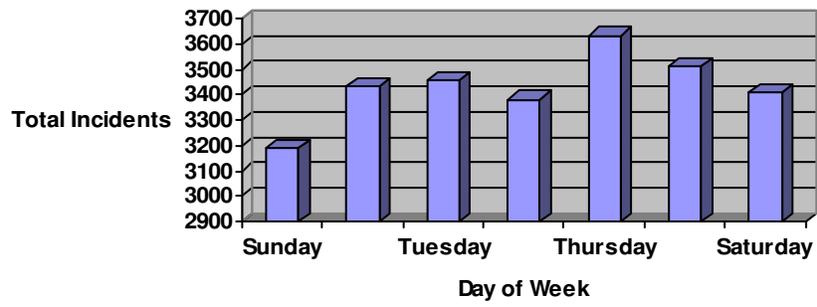
Total Incidents 1996-2007



Alarm Time Analysis 1996-2007



Incident by Day of Week 1996-2007



Maintenance

Prepared by Captain James Freeman

Maintenance Summary

This maintenance summary was developed from daily apparatus maintenance data. "Man-hours of Maintenance" is the total time spent by UFD personnel on apparatus repairs and preventive maintenance. "Total Costs" represents the costs of parts and labor from outside vendors. All costs for township vehicles were paid by the Urbana Township Trustees.

APPARATUS	DESCRIPTION	OWNERSHIP	MANHOURS OF MAINTENANCE	TOTAL COST
B1	Brush Truck	Township	49.5	\$0.00
C1	Chief's Vehicle	City	3.0	1210.60
C2	Prevention Vehicle	City	2.5	1442.06
E1	Engine	City	5.0	185.00
E2	Engine	City	11.0	79.90
E4	Engine	Township	14.5	198.50
HM1	HazMat Truck	City	3.0	20.00
M1	Medic	City	11.0	0.00
M2	Medic	City	23.8	6722.12
M3	Medic	City	4.5	1545.61
S4	Squad	City	3.0	2885.14
TA1	Tanker	Township	7.8	0.00
TR1	Platform Truck	City	5.5	1482.84
U1	Utility Truck	City	3.5	0.00

TOTALS

147.5 \$15771.57