

# Annual Report 2011



**Urbana Fire Division**

# Table of Contents

<b>ADMINISTRATIVE.....</b>	<b>3</b>
2010 EXECUTIVE SUMMARY .....	4
2010 OVERTIME .....	6
A LOOK AT THE FUTURE .....	7
STAFF PROFILES .....	8
<b>FIRE PREVENTION BUREAU.....</b>	<b>12</b>
PUBLIC EDUCATION AND TRAINING .....	14
FIRE PREVENTION WEEK .....	14
ADDITIONAL EDUCATIONAL FUNCTIONS.....	16
INSPECTION ACTIVITIES .....	16
TABLE - INSPECTION ACTIVITIES.....	16
TABLE - FIRE LOSS VS. PROPERTY SAVED 2010 .....	16
<b>FIRE DATA.....</b>	<b>17</b>
NFIRS PROGRAM.....	18
NFIRS DATA COLLECTION PROCESS .....	18
EMS DATA COLLECTION PROCESS .....	18
BREAKDOWN OF FIRES AND OTHER INCIDENTS 2010 .....	19
BREAKDOWN OF FALSE ALARM RESPONSES 2010.....	20
LEADING FIRE CAUSES 1996-2010.....	20
AREAS OF FIRE ORIGIN SUMMARY 1996-2010.....	21
TOTAL INCIDENTS 1996-2010 .....	21
ALARM TIME ANALYSIS 1996-2010.....	22
INCIDENTS BY DAY OF WEEK 1996-2010.....	22
<b>MAINTENANCE .....</b>	<b>23</b>
MAINTENANCE SUMMARY .....	24

# Administrative

*Prepared by Chief Mark Keller*

## 2011 Executive Summary

	2011	2010	2009	2008	2007	2006	2005
<b>EMS Runs</b>	<b>1849</b>	<b>1885</b>	<b>1745</b>	<b>1873</b>	<b>2029</b>	<b>1724</b>	<b>1695</b>
City	1469	1460	1342	1446	1549	1326	1266
Rural	362	398	382	378	429	371	401
Mutual Aid	18	27	21	49	51	35	28
<b>Motor Vehicle Accidents</b>	<b>138</b>	<b>148</b>	<b>148</b>	<b>145</b>	<b>142</b>	<b>140</b>	<b>123</b>
City	74	76	76	81	76	66	65
Rural	59	72	72	64	66	74	58
Mutual Aid	5						
<b>Fire Runs</b>	<b>446</b>	<b>515</b>	<b>548</b>	<b>697</b>	<b>596</b>	<b>454</b>	<b>444</b>
City	334	380	356	507	425	327	325
Rural	80	107	158	151	132	107	99
Mutual Aid	32	28	34	39	38	20	20
<b>Fire Loss</b>							
City	\$476,800		\$76,200	\$431,712	\$237,510	\$159,550	\$76,375
Rural	\$55,600		\$157,200	\$915,261	\$503,030	\$30,650	\$100,150
City Property Saved	\$1,346,500		\$7,653,640	\$8,959,658	\$2,575,890	\$11,758,005	\$7,450,595
Rural Property Saved	\$60,400		\$1,811,310	\$7,456,390	\$815,000	\$3,924,200	\$189,500
<b>Receipts</b>							
EMS Receipts	\$405,620	\$432,204	\$445,155	\$358,426	\$376,993	\$343,098	\$330,593
Other Receipts	\$174,105	\$208,866	\$160,081	\$156,502	\$206,283	\$142,607	\$153,755
Training Hours	6104	6023	6035	7069	6369	4987	6733
Vehicle Maintenance Hours	28		166	1043	201	230	320
Initial Inspections	77		155	125	128	105	124
Fire Drills	38		31	25	48	29	33
City Re-inspections	9		18	29	84	39	39
Township Re-inspections	20		39	30	18	27	22
Contractor Activities	67		55	56	59	61	35
Consultations	15		39	21	15	34	23
Lectures/Tours		10	28	32	29	31	44
Number of Adults		75	676	562	305	581	692
Number of Children		397	1816	2000	1997	2200	3763
Vacation Hours Used	5018	4273	5079	4924	4217	4355	4102
Sick Hours Used	*3641	2153	1504	2019	2683	2709	2152
Comp Hours Used	1017	1011	1485	1350	1877	2202	2530
Personal Hours Used	722	633	899	757	647	848	913
Duty Overtime Hours	1339	1996	2299	2393	2723	3192	2722
Training Overtime Hours	294	24	351	632	574	406	486
Holiday Hours Earned	1699	783	2155	1945	2190	1867	3000

\* Several members had injuries or family illnesses that caused use of over 400 hours each

## 2011 Overview

2011 was a year of change at the Urbana Fire Division.

The beginning of 2011 we continued to struggle financially and had two Firefighter/Paramedics laid off. In March, the fire division was awarded the Staffing for Adequate Fire and Emergency Response (SAFER) Grant. The SAFER Grant allowed two firefighters (Firefighter/Paramedic Josh Klepinger and Firefighter/Paramedic Chad Countryman) to return to work and bring the staffing levels back to normal. The grant covers all salaries and benefits for these two firefighters. The grant will expire in March of 2013 at which time we can reapply for the grant or fund the positions with the fire division budget.

May 20, 2011 Chief Jim McIntosh retired leaving a vacancy in the Fire Chief's Office. Chief McIntosh Served the City of Urbana and Urbana Fire Division for over 37 years. Over seventeen years, he served as the Fire Chief. Captain David Torsell was named Interim Fire Chief until July when Captain Kellenberger was appointed the Interim Fire Chief until the testing process was completed. On September 15<sup>th</sup> Mark Keller was named Fire Chief.

Firefighter/Paramedic Josh Klepinger left the fire division on June 11<sup>th</sup> to pursue his dream of becoming a doctor. FF/PM Klepinger was accepted at the Wright State University Medical School where he continues to excel. With this vacancy, a new Firefighter/Paramedic was hired on July 20<sup>th</sup>. Tyler Wolf, the son of current Urbana Firefighter/Paramedic Barry Wolf, was hired to replace FF/PM Klepinger. Tyler grew up in Urbana and spent countless hours at the fire division as an explorer and Box 13 member.

With the promotion of Mark Keller to chief, a vacancy was created. On November 14<sup>th</sup>, Firefighter, Paramedic Ryan Williams was hired. Ryan is from Dayton and has been very quick about learning the area and his duties as a firefighter in Urbana.

During the year, we had a total of 2295 emergency runs: 1849 squad runs and 446 fire runs. This is an overall decrease of 105 runs from the previous year.

EMS runs brought in a total of \$405,864. This is a decrease of \$26,339 from last year. In 2010, the rate for a run was increased by \$200 to \$650. We have been unable to increase ambulance revenue due to an increase in Medicaid and Medicare runs that have a \$165 and \$319 cap respectively. We will be looking at ways to improve these figures next year.

During the year, the administration and fire division negotiated the next contract (beginning 2012) with the townships for a new fire/EMS agreement. After a great deal of discussion the following agreements were reached:

Urbana Township (4 years)	2012	\$151,521
	2013	\$182,443
	2014	\$213,365
	2015	\$231,918
Union Township (1 year)	2012	\$ 36,096 without Mutual
Salem Township (1 year)	2012	\$ 28,212

In November, the townships and the Village of Mechanicsburg met with the Ohio Fire Chiefs Association representative, Retired Chief Stan Crosley to discuss having a study prepared to investigate other options to providing fire and EMS protection. These organizations decided to fund a study, in 2012, to look at any other options.

This year, Firefighter/paramedic Dave Inskip applied for and received \$4500 from the Ohio Department of Safety that was used for purchasing EMS equipment and supplies.

Every year we test all fire apparatus pumps and ladders. This year all passed with the exception of Engine 2 (1984). Because of the expense to make the needed repairs, it was determined to not make the repairs but instead to replace it. Currently, a new engine is not in the budget. We also would like to aim for maintaining our cycle of replacing a medic unit every 5 years. Our oldest medic unit is now 15 years old but not budgeted to be replaced until 2015.

### OVERTIME 2011

	COMP TIME		OVERTIME		TOTAL	
	Hours	Dollars	Hours	Dollars	Hours	Dollars
Holiday	1667.7	\$37,530.00	38	\$1,570.00	1699.7	\$39,101.00
City Squad	73.5	\$2,130.00	472.2	\$21,102.00	545.7	\$23,232.00
City Fire	18	\$590.00	260.3	\$11,187.00	278.3	\$11,777.00
County Squad	27.5	\$811.00	193	\$8,850.00	220.5	\$9,662.00
County Fire	11.5	\$334.00	78.5	\$3,333.00	90	\$3,667.00
Minimum Staffing	31.5	\$899.00	165.5	\$7,354.00	197	\$8,252.00
Special Detail	26	\$758.00	74.5	\$2,877.00	100.5	\$3,636.00
Tornado Warning	3	\$88.00	49.5	\$2,026.00	52.5	\$2,113.00
Meetings	1	\$28.00	37.8	\$1,953.00	38.8	\$1,980.00
Training	10	\$294.00	0	\$0.00	10	\$294.00
*Haz Mat Training	0	\$0.00	30	\$1,083.00	30	\$1,083.00
**Football Games	6	\$159.00	23	\$953.00	29	\$1,111.00
Mutual Aid	0.3	\$7.00	19	\$766.00	19.3	\$773.00
Court	0	\$0.00	5	\$226.00	5	\$226.00
Investigation	0	\$0.00	1	\$54.00	1	\$54.00
Misc.	0	\$0.00	16	\$754.00	16	\$754.00
<b>TOTAL</b>	<b>1876</b>	<b>\$43,628.00</b>	<b>1463.3</b>	<b>\$64,088.00</b>	<b>3333.3</b>	<b>\$107,715.00</b>

\*Haz Mat Training hours are reimbursed by LEPC

\*\*Football Games are reimbursed by the Urbana University

## **2012: A LOOK TO THE FUTURE**

Improvements will continue to be made:

- Establish a productive training bureau

- Establish a comprehensive plan to conduct fire inspections

- A Fire Captain position will be changed to an Assistant Fire Chief position.

- Recall overtime will be reduced.

- Look at innovative ways to improve our efficiency for EMS reporting

- Improve our apparatus Maintenance cost tracking

The budget will remain relatively the same as the 2009 and 2010 budgets due to the continuing effects of a poor economy.

We will apply for the Ohio Department of Commerce Grant as well as the Assistance to Firefighters Grants (FEMA Grant). We will seek funding for radio upgrades due to the Federal Requirement to narrow band all radio components and pagers by January 2013. We will also seek funding from the AFG Grant to replace our aging Self Contained Breathing Apparatus (SCBA) which only meets the 1997 NFPA Standard.

We will endeavor to be available and accessible to the public for community events.



**FF/PM Dean Edwards**

Appointed to Division June 18, 1984  
Senior Firefighter, B Unit

**Staff Duties** Haz Mat Program Coordinator

**Specialties** Haz Mat Tech                      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              EMS Instructor  
Fire Investigator

**FF/PM Brian Williams**

Appointed to Division September 1, 1988  
Senior Firefighter, A Unit

**Specialties** Bagpiper                              Certified Fire Safety Inspector

**FF/PM Chris Massie**

Appointed to Division January 1, 1989

**Specialties** Public Fire Educator

**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** Rope Rescue Specialist              Certified Fire Safety Inspector

**FF/PM Ron Lyons**

Appointed to Division June 27, 1991

**Staff Duties** Shift Inspector, B Unit

**Specialties** Certified Fire Safety Inspector              Public Fire Educator

**FF/PM Jeff Asper**

Appointed to Division March 1, 1992  
B.S.N. Chamberlain College  
A.A.S. Clark State Community College (EMS)  
A.A.S. Clark State Community College (RN)

**Specialties** Haz Mat Tech                              CPR Instructor  
Rope Rescue Specialist              U.S. Army Reserve  
EMS Instructor                              Certified Fire Safety Inspector

**FF/PM Jerry Kirk**

Appointed to Division March 1, 1992  
 A.A.S. Sinclair Community College

**Specialties** Certified Fire Safety Inspector

**FF/PM Barry Wolf**

Appointed to Division March 1, 1992

**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

**Specialties** SCBA Technician Hydrant Records  
 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

**Specialties** Fire Service Instructor Certified Fire Safety Inspector

**FF/PM Chris Logan**

Appointed to Division August 9, 1993

**Staff Duties** Rescue Coordinator, Confined Space Coordinator

**Specialties** Haz Mat Tech ACLS Instructor  
 Rope Rescue Specialist Fire Service Instructor  
 Certified Fire Safety Inspector GEMS Instructor

**FF/PM David Inskeep**

Appointed to Division September 5, 1998

**Staff Duties** EMS Co-Coordinator

**Specialties** Fire Investigator Haz Mat Tech  
 CPR Instructor PALS Instructor  
 Certified Fire Safety Inspector First Aid Instructor  
 ITLS Instructor PITLS Instructor  
 ACLS Instructor GEMS Instructor  
 EMS Instructor ASHA Instructor

**FF/PM Eric Beverly**

Appointed to Division September 25, 1999

**Specialties** Certified Fire Safety Inspector Fire Investigator  
 Apparatus Mechanic Fire Safety Educator  
 Bagpiper Key Box Coordinator

**FF/PM Brian Joyce**

Appointed to Division May 7, 2002

<b>Specialties</b>	Rope Rescue Ops	Hazmat Tech
	Certified Fire Safety Inspector	Assistant Fire Instructor
	CPR Instructor	

**FF/PM Jason Croker**Appointed to Division July 8, 2004  
A.A.B. Clark State Community College

<b>Staff Duties</b>	C Unit Training Coordinator	Union President
<b>Specialties</b>	Certified Fire Safety Inspector	Haz Mat Tech
	NFIRS Program Management	Fire Service Instructor
	Communications Coordinator	

**FF/PM Chad Countryman**

Appointed to Division June 11, 2007

<b>Staff Duties</b>	Records Retention	
<b>Specialties</b>	Certified Fire Safety Inspector	Haz Mat Tech
	Auto Extrication Technician	

**FF/PM Tyler Wolf**

Appointed to Division July 20, 2011

<b>Specialties</b>	Certified Fire Safety Inspector	Haz Mat Tech
--------------------	---------------------------------	--------------

**FF/PM Ryan Williams**

Appointed to Division November 20, 2011

<b>Specialties</b>	Certified Fire Safety Inspector	Haz Mat Tech
--------------------	---------------------------------	--------------

**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

<b>Specialties</b>	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
	Ohio Federation of Fire Chaplains Training Officer

# Fire Prevention Bureau

*Prepared by Captain David Torsell  
Chief of Prevention*

## **Urbana Fire Division**

---

**Captain David M Torsell Jr.**  
**Chief of Prevention**  
**107 East Market Street**

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

***Urbana, Ohio 43078***

Chief Keller,

This is the last report that I will submit to you as fire marshal for the City of Urbana. It has been an honor to serve this community in this capacity for so long and I will miss everything affiliated with the enforcement service that we offer at the Urbana Fire Division. Code enforcement is not the most appealing part of our job but it is undoubtedly one of the most important. Fires in older towns have taken their toll across the nation and I hope we will continue to work hard to keep Urbana from becoming one of those statistics. I wish to thank the members of the division who protect this community and to the commitment they have made to make Urbana a safe place to work and live. I also offer my continued support to Ass't Chief Asper who will carry on as Marshal for the City. I know we will continue to make great progress under his leadership.

Over the past 12 years, the Champaign County Building Regulations Department has been a most valuable asset to the Division, the City, and the County. CBO Jene Gaver and his team of professionals have worked side by side with us to make code enforcement a productive and more user friendly service to the community. His knowledge of the code and willingness to work as a team player in code enforcement cannot be matched. Many thanks to Jene and his entire staff for a job well done!

I extend a special thanks to our customers, for the role they play in helping us do our job. The age of our buildings, and the shape of the economy have put a strain on maintenance budgets of businesses everywhere. With cooperation and patience we have been able to slowly achieve the compliance goals we are, by law, required to attain. Our City is safer and stronger due to the relationships we have formed over the years.

I will continue to support prevention and code enforcement from the Company level and will remain an advocate for a safe and prosperous Urbana.

Respectfully submitted,

Captain David M. Torsell Jr.

## **Public Education and Training**

We get requests at least monthly to provide different types of training to our customers. Trainings range from basic CPR to EMS and Fire Education at all levels. We are fortunate to have a number of highly qualified instructors with years of experience in the topics that they teach. The division has used these instructors to our benefit by having them provide training at the company level to our members in addition to what they offer our customers. FETN, which is the Fire and Emergency Training Network, was also a source of continuing education credit for the crews. This computer training allows our members to train not only when they are on duty, but with the added benefit of access when they are at home. With the rising cost of education the benefit of in-house training on duty as well as access at home has been most valuable.

We still get the most benefit from hands on training. We get calls often about burning buildings for training but we just can't burn them all. There are specific rules that we have to follow to have a live burn and safety is always the key factor as to whether we can burn or not. It is also great training to get inside and on top of as many structures downtown as possible. Because we are an older town, the age and architecture of the buildings create special hazards for firefighters. Knowing those hazards ahead of time can be a life saver.

### **Fire Prevention Week**

Fire prevention weeks were a big success this past year as we were able to get most of the crews out to assist with the presentations. This makes the presentations so much easier to do and in reality, the members really do have fun with the kids. Chris Massie, our division training specialist, has for years added to our props, thousands of dollars of educational resources which make our programs so worth while. The programs require several presenters and the added manpower this past year allowed us to provide the quality of training our customers are used to. This educational process prepares our youth to be more aware of fire safety and with the age specific training Chris offers, the students get a well rounded fire safety education by the time they reach Jr. High. Chris will be training a new education person to prepare for future years. I will never be able to thank him enough for his dedication to the youth of Urbana and Champaign County. Table 2. reflects the prevention activities for 2011.

**Table 2. Activities for Fire Prevention Week 2011**

<b>Center for Creative Child-care</b>	<b>Robot Sparky, Fire Safety House, E-2</b>	<b>Preschool</b>	<b>110</b>
<b>Victory Christian School</b>	<b>Robot Sparky, Safety House, E-2</b>	<b>K, 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup></b>	<b>16</b>
<b>North Elementary</b>	<b>Sparky, Fire Safety House and E-2</b>	<b>K, 1<sup>st</sup>, 2<sup>nd</sup> Grades</b>	<b>242</b>
<b>Gingerbread House</b>	<b>Robot Sparky, Fire Safety House, E1</b>	<b>Preschool</b>	<b>25</b>
<b>Early Head Start</b>	<b>Sparky, Safety House, E1, M1</b>	<b>Pre-School</b>	<b>12</b>
<b>Head Start A.M</b>	<b>Robot Sparky, Safety House, E1, M1</b>	<b>Preschool</b>	<b>25</b>
<b>Lawn view School</b>	<b>Robot Sparky, Safety House, E-2</b>	<b>Preschool</b>	<b>212</b>
<b>South Elementary</b>	<b>Robot Sparky, Fire Safety House and E-2</b>	<b>K, 1<sup>st</sup>, 2<sup>nd</sup> Grades</b>	<b>234</b>
<b>Wee Wisdom Preschool</b>	<b>Robot Sparky, Safety House and E1, M1</b>	<b>Pre-school</b>	<b>12</b>
<b>Head Start P.M.</b>	<b>Robot Sparky, Safety House, E1, M2</b>	<b>Pre-School</b>	<b>20</b>
<b>East Elementary</b>	<b>Safety House, Trk1, E1</b>	<b>3<sup>rd</sup> and 4<sup>th</sup> Grades</b>	<b>333</b>
<b>YMCA</b>	<b>Robot Sparky, Safety house, E1, M1, M2</b>	<b>Pre-School</b>	<b>65</b>
<b><u>TOTAL</u></b>			<b>1306</b>

### **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. I have worked with other fire departments in the county to make the Safety House available for use in their areas. This has helped them greatly since lack of funding is common in most areas. I would like to thank all of the County departments for their dedication to public education and a special thanks to John Atkins, Kim and Ben Pence Jr., Christine Faulkner, Amanda Osborne, and Luke Dehart for keeping the Safety Camp going during our trying economic times.

### **Inspection Activities**

As you are aware, inspections are just one function of the fire prevention bureau. Plan review, systems testing, residential work for state programs, investigations, complaint calls, and when needed, routine runs are but part of the job responsibilities. This past year we had the added responsibility of the Captains trading off terms in the Chiefs office until testing replaced Chief McIntosh. We gained another Administrative staff position and also hired two probationary firefighters during this time. It was a lot of change to deal with in such a short time frame. I hope the new year will find us able to increase our number of inspections significantly. Table 3. reflects the number of inspections done. Table 4 reflects the fire loss vs. property saved.

**Table 3. Inspection Activities**

<b>Year:</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>
No. of Inspections	304	415	397	395	228	246

**Table 4. Fire Loss vs. Property Saved 2011**

City Property Loss	\$476,800
City Property Saved	\$1,346,500
County Property Loss	\$55,600
County Property Saved	\$60,400

# 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 7.12.17 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 7.12.17 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 make 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 regular basis.

## Breakdown of Fires and Other Incidents 2011

A. FIRES IN STRUCTURES BY FIXED PROPERTY USE	Number of Fires	Civilian Deaths	Civilian Injuries	Property Damage
1. Private Dwellings	16	0	4	\$292,400
2. Apartments	7	0	0	235,500
3. Hotels and Motels	0	0	0	0
4. All Other Residential	0	0	0	600
<b>5. TOTAL RESIDENTIAL FIRES</b>	<b>23</b>	<b>0</b>	<b>1</b>	<b>\$527,900</b>
6. Public Assembly	0	0	0	0
7. Schools and Colleges	0	0	0	0
8. Health Care/Penal	0	0	0	0
9. Stores and Offices	1	0	0	0
10. Industry/Utility	1	0	0	0
11. Storage in Structures	0	0	0	0
12. Other Structures	1	0	0	0
<b>13. TOTAL STRUCTURE FIRES</b>	<b>26</b>	<b>0</b>	<b>1</b>	<b>\$527,900</b>
<b>B. OTHER FIRES AND INCIDENTS</b>				
14a. Highway Vehicles	6	0	0	\$4,000
14b. Other Vehicles	3	0	0	500
15. Non-Structure/Non-Vehicle	3	0	0	0
16. Brush/Grass/Wildland	4	0	0	0
17. Rubbish/Dumpsters	14	0	0	0
18. All Other Fires	0	0	0	0
<b>19. TOTAL FOR FIRES</b>	<b>56</b>	<b>0</b>	<b>1</b>	<b>\$532,400</b>
20. Rescue/Emergency Medical	1,831			
21. False Alarms	67			
22. Mutual Aid	50			
23a. Hazmat Responses	28			
23b. Other Hazardous Responses	49			
24. All Other Responses	214			
<b>25. TOTAL FOR ALL INCIDENTS</b>	<b>2,295</b>			

Note: Property loss totals include contents loss

### Breakdown of False Alarm Responses 2011

TYPE OF RESPONSE	Number of Incidents
Malicious, Mischievous False Call	0
System Malfunction	26
Unintentional	37
Other False Alarms	4
<b>TOTAL</b>	<b>67</b>

### Leading Fire Causes 1996-2011

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 16 years.

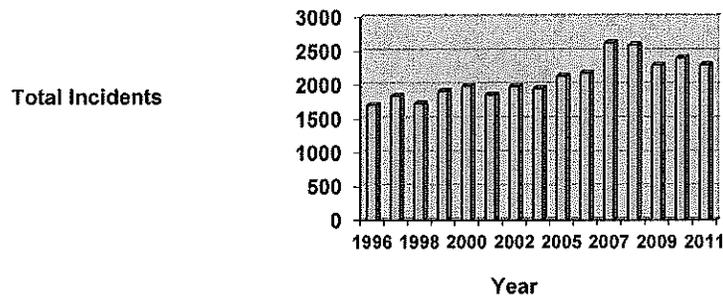
DESCRIPTION	Count	Percent of All Fires	Total Loss	Percent of Losses
Cause, Other	45	3.67%	\$145,408	1.83%
Intentional	93	7.99%	543,603	6.85%
Unintentional	527	45.03%	2,215,830	27.93%
Failure of Equipment or Heat Source	289	25.09%	1,266,923	15.97%
Act of Nature	30	2.38%	56,951	0.72%
Active Investigation	58	4.50%	2,339,618	17.21%
Undetermined After Investigation	136	11.30%	1,365,236	17.21%

## Areas of Fire Origin Summary 1996-2011

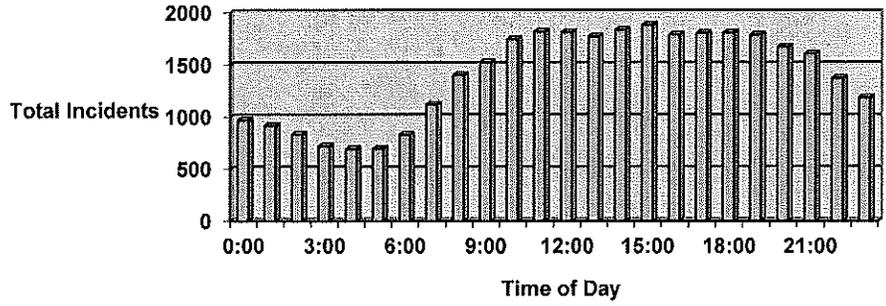
The area of origin describes the primary use of the area where a fire originated in a property. This table indicates the trends over the last 16 years. The top 10 dollar losses are included.

Code	Description	Percent of responses	Dollar Loss
21	Bedroom <5 persons; included are jails	3.98%	\$1,588,023
UU	Undetermined	3.39%	1,313,248
41	Storage room, area, tank or bin	1.01%	1,287,600
24	Cooking area, kitchen	10.10%	720,260
61	Machinery room or area; elevator	0.33%	604,600
14	Common room, den, family room, living room, lounge	1.61%	495,471
71	Substructure area or space, crawl space	2.12%	391,560
74	Attic: vacant, crawl space above top story, cupola	1.95%	358,600
47	Vehicle storage area, garage, carport	1.44%	341,037
38	Processing/manufacturing area, workroom	1.35%	270,002

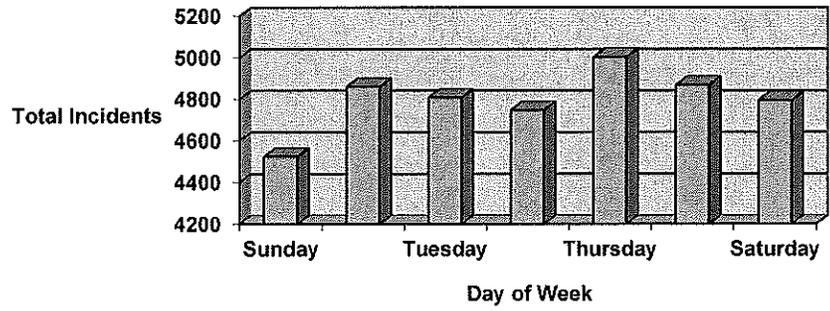
## Total Incidents 1996-2011



### Alarm Time Analysis 1996-2011



### Incidents by Day of Week 1996-2011



# 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.

APPARATUS	DESCRIPTION	OWNERSHIP	MANHOURS OF MAINTENANCE
B1	Brush Truck	Township	0
C1	Chief's Vehicle	City	4.25
C2	Prevention Vehicle	City	0
E1	Engine	City	2
E2	Engine	City	5
E4	Engine	Township	1
HM1	HazMat Truck	City	0
M1	Medic	City	5
M2	Medic	City	5.5
M3	Medic	City	2
S4	Squad	City	2
TA1	Tanker	Township	0
TR1	Platform Truck	City	0
UM	Utility Truck	City	2
<b>TOTALS</b>			<b>26.75</b>