

URBANA



FIRE DIVISION



Annual Report

2014

Mission Statement

The Urbana Fire Division is a highly motivated, efficient, cost effective, and customer service oriented team; committed to excellence in emergency medical service, fire suppression, rescue, fire prevention and education. We realize our vision of excellence through safe practices, dedication, professionalism, and leadership.

Core Values

Teamwork – Service – Competence – Integrity - Confidentiality

URBANA FIRE DIVISION



107 E. Market Street
Urbana, OH 43078
Email: mark.keller@ci.urbana.oh.us

Business: 937-652-4371
Chief: 937-652-4375
Fax: 937-652-4378

Mark E. Keller, Chief

Mayor Bill Bean
Director of Administration Kerry Brugger
Members of City Council
Citizens of Urbana

Ladies and Gentlemen,

Submitted herewith is the Annual Report of the Activities of the Urbana Fire Division for the year 2014.

Figures contained in this report have been gathered throughout the year from daily reports and are as factual as daily operations permit.

Overall 2014 was a good year and the members of the fire division continue to work diligently to be both cost effective and efficient. In 2014, the division experienced four retirements throughout the year. Firefighter/EMT Chris Massie and Firefighter/Paramedic Brian Williams retired in January 2014. These two positions were not filled due to financial deficiencies. The city funded both of these positions since the Staffing for Adequate Fire and Emergency Response (SAFER) Grant expired in August of 2013 when. The hope was that we would see improvements financially but those improvements were not substantial enough to fund the two positions. Later in May of 2014 Captain David Torsell retired with over 37 year on the division. Then in July of 2014, Firefighter/ Paramedic David Curnutte retired. The division lost 107 years of combined experience in 2014.

We were able to replace Capt. Torsell and FF Curnutte's positions. In July of 2014, we hired Firefighter/Paramedic Parker Robison who comes to us from the Bellefontaine area. FF/PM Robison has been working very hard on our Probationary Firefighter Requirements and will be tested in May or June of next year. In September of 2014, we hired Firefighter/Paramedic Jonathon De Cola who is an Urbana High School Graduate and former Box 13 member. Like Robison, FF/PM De Cola is working hard to meet the probationary requirements and is projected to be tested in July or August of 2015. With these two new hires our staffing level was 21 full time members, down from 23 members. August of 2014, Jerry Kirk was promoted to the rank of Fire Captain to replace the vacated captain position. Captain Kirk has been on the division since 1992 and has been instrumental in our apparatus maintenance program with his certification as an ASE Mechanic and Emergency Vehicle Technician.

We also made some improvements to our facilities here at the firehouse. One week in April of 2014 the fire division members cleaned the walls in the apparatus bays, then applied primer and painted the walls to help improvement the appearance. Later, in May we contracted with a company to apply epoxy and urethane to floor of the older portion of the apparatus bays. These to accomplishments drastically improved the appearance and lighting within the bays. Along with the bay floor and walls, the doors and doorways were also painted and windows were placed in the bay doors. Prior to placing windows in the doors we had many near misses from people opening doors and either striking someone's body or their outstretched hand as they were trying to open the door. This has proven to be successful prevention of injuries. We will continue to make these types of improvements as the building ages. It is hard to believe that the renovations took place almost 20 years ago.

We continue to work with Med-I-Count Management to conduct our ambulance billing. 2014 continued to show a decline in revenue of more than 16% since we did the billing in house. We also contracted with a secondary billing agency in an attempt to collect revenue that was written off by Med-I-Count. This is relatively a new concept to see if there is revenue that we may be able to recover based on secondary insurances, self-pay or other types of insurance. Overall the goal is to bring the Ambulance Billing back in-house at the end of our contract with Med-I-Count which ends January 31, 2016.

In November, the division began using a digital EMS report system that will mean an entire EMS call will be completed with all digital paperwork. The Encharge Program, will allow us to enter all pertinent patient care information onto the I-Pads that we installed into all three medic units, Engine 1, Engine 4 and both Chief's vehicles. The program has a built in quality assurance system and can easily be uploaded to our billing company and the State reporting program. These I-Pads now have multiple uses that will provide a more efficient system.

All three township contracts for fire and EMS are set to expire at the end of 2015. In Late 2014 Salem Township requested that we provide EMS coverage for the entire township in 2015. Through discussion with the township it was decided to set up a contract for the first quarter of 2015 and then allow for extensions of the new contract quarterly. This was requested due to very limited discussion between Salem Township and Mach-o-Chee Joint Ambulance District, prior to the end of their contract. On December 30th Salem Township voted to allow the Urbana Fire Division to provide EMS protection to this new area for the first quarter. We continue to work with all of our townships to provide the best service possible.

Some of the most positive things that happened in 2014 were receiving federal funds from the Department of Homeland Security to replace all of our self-contained breathing apparatus (SCBA). In August we received 32 new state of the art air packs and 3 rapid intervention Team (RIT) packs. These RIT packs are used to rescue a downed firefighter in case they become disoriented or trapped in a fire. We have never had RIT packs so this will be a very important piece of equipment to protect our firefighters. Another great addition was the purchase of 5 intermodal containers to begin construction of a fire training facility for our firefighters as well as neighboring fire departments to train on all aspects of

firefighting. This has been a very difficult thing to accomplish without some place to work on our skills. We also rarely get a chance to train with our mutual aid departments which is important to do so that we all know what to expect from each other. This will make us all more effective in protecting our districts. We will continue the construction and hope to have the facility operational in 2015.

Finally, we continued our outreach programs such as CPR certification courses, our car seat program to install and educate our county residents on the proper methods to install car seats and how they are intended to be used, fire safety education to many organizations and individuals, Training with our city pool lifeguards and partnering with Urbana University and their athletic trainer program to help make emergencies seamless when we respond.

I would like to thank Mayor Bill Bean and Council President Marty Hess for attending the Feel the Heat Course at the Ohio Fire Academy this year. This course shows officials what firefighter's jobs are like and what they have to be able to do when placed in an emergency situation. I would also like to thank the Fire Officers and Firefighters of the Urbana Fire Division for their loyalty and cooperation during the past year.

Respectfully Submitted,

Mark E. Keller

Mark E. Keller, Chief



Feel the Heat: Ohio Fire Academy



ADMINISTRATIVE

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APPARATUS AND MAINTENANCE

Medic 1	Brush 1
Medic 2	Chief 1
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Engine 1	Utility 1
Engine 2	Squad 4
Truck 1	Haz Mat 1
Engine 4	Fire Safety Trailer
Tanker 1	

Administrative

Prepared by Chief Mark E. Keller

Urbana Fire Division 2014 Executive Summary

	2014	2013	2012	2011	2010	2009	2008
EMS Runs	1854	1795	1799	1708	1731	1590	1729
City	1467	1424	1474	1388	1385	1295	1385
Rural	361	359	304	307	325	278	299
Mutual Aid	26	12	21	13	21	17	45
Motor Vehicle Acc.	119	117	113	141	154	154	147
City	59	60	55	81	76	79	83
Rural	54	51	52	55	72	70	62
Mutual Aid	6	6	6	5	6	5	2
Fire Runs	478	411	448	446	515	547	715
City	369	302	322	334	380	382	530
Rural	82	96	99	80	107	129	146
Mutual Aid	27	13	27	32	28	36	39
Total Runs	2451	2323	2360	2295	2400	2291	2591
Fire Loss/Saved Est.							
City	\$229,547	\$136,870	\$398,826	\$476,800	\$928,341	\$76,200	\$431,712
Rural	\$70,295	\$51,951	\$58,320	\$55,600	\$183,000	\$157,200	\$915,261
City Property Saved	\$2,044,485	\$3,065,390	\$1,333,249	\$1,346,500	\$4,173,766	\$7,653,640	\$8,959,658
Rural Property Saved	\$3,456,420	\$761,000	\$160,530	\$60,400	\$452,345	\$1,811,310	\$7,456,390
Receipts							
EMS Receipts	\$407,863	\$390,508	\$424,870	\$405,620	\$432,204	\$445,155	\$358,426
Township Contracts	\$277,149	\$288,683	\$215,979	\$174,105	\$208,866	\$160,081	\$156,502
Grants	\$199,075	\$83,654	\$112,394	\$98,689		33,915	
Statistics							
Training Hours	6498	5826	5618	6104	6023	6035	7069
Vehicle Maintenance Hours	117	140	169	28	45.5	166	1043
Initial Inspections	74	134	192	77	120	155	125
City Re-inspections	69	84	179	9	9	18	29
Consultations	73	40	85	15	24	39	21
Lectures/Tours	18	12	28		10	28	32
Number of Adults	226	90	172		75	676	562
Number of Children	1327	1634	2623	1306	397	1816	2000
Vacation Hours Used	3903	4218	3848	5018	4273	5079	4924
Sick Hours Used	1708	2238	*4191	*3641	2153	1504	2019
Comp Hours Used	986	785	936	1017	1011	1485	1350
Personal Hours Used	906	**1636	548	722	633	899	757
Duty Overtime Hours	558	503	603	1142	1926	2299	2393
Minimum Staffing Overtime	***1654	67	16	197	70		
Training Overtime Hours	63	74	220	294	24	351	632
Holiday Hours Earned	1761	2115	1994	1699	1783	2155	1945

*Several members had injuries, illnesses or family illnesses again this year that caused an increase in sick leave use.

**Personal Time use has increased due to a policy change that requires a 72 hour notice prior to using Vacation or Comp Time. Personal Time is the only allowable time off with less than 72 hours' notice.

***Minimum Staffing increase due to 4 retirements and several members on extended injury leave at the same time.

A Look into The Future

2015

During 2015 the fire division will be working on several projects for the year.

1. Continue to build a new fire training facility just off the access road north of the airport. Doors and windows have been cut into the five intermodal containers and partition walls will be built to have changeable rooms inside the containers. The containers are approximately 1400 square foot inside. The work will be completed by fire division personnel. We hope to have a grand opening/open house sometime mid to late summer.
2. We will continue to reduce our carbon footprint by reducing the use of paper and move to digital. We have already eliminated nearly all of our daily paperwork: daily activity reports, daily training reports, time off requests, Shift trade forms, etc... are now digital format which has been a big step toward our goal to eliminate as much waste as possible.
3. Begin working on specifications for a new ambulance to be purchased in 2016. The process to develop these specifications can be lengthy and will take time to consider making the best decision on progressing forward. We hope to have the specifications written and the new unit ordered by the end of the year to purchase in 2016 when it is delivered.
4. Submit a Staffing for Adequate Fire and Emergency Response (SAFER) Grant request to get our staffing levels back up to normal for at least two years.
5. Apply for a Bureau of Workman's Compensation Grant to purchase new power cots and load system for our medic units. This will help prevent injuries that our members chronically sustain while functioning on the ambulances.
6. Work with the Townships to extend our fire and EMS contracts into the future. All of the current contracts are set to expire at the end of 2015.

We will strive to improve our operating efficiency both in-house and how we can improve our working relationships with other city departments and other emergency responders, whether it be police, fire, EMS, Utility companies.

2016

1. Work on improvements to the firehouse. Capital funds will improve due to the building renovation from 1996 being paid off. These capital funds will be used to work on problems with the building that have occurred over the past 19 years. The exterior stairway, carpeting and windows in the front office to mention a few.
2. Begin specifications on replacement of a new utility vehicle and Chief 2 vehicle. This replacement would take place in early 2017.

Staff Profiles

Chief Mark Keller

Appointed to Division March 1, 1992
 Promoted to Captain June 13, 2007
 Promoted to Chief September 15, 2011
 A.A American Intercontinental University

Staff Duties

Champaign County Fire Chiefs
 Champaign County Comm. Center – Operations Board
 Champaign County EMA Executive Board
 Champaign County LEPC Executive Board
 Champaign County Coordinator-Ohio Fire Chiefs Emergency Response Plan
 Box 13 Liaison

Specialties

Ohio Firefighter Level II	Ohio Paramedic
Fire Service Instructor	Fire Investigator
Certified Fire Safety Inspector	Haz Mat Technician

Assistant Chief Jeff Apser

Appointed to Division March 1, 1992
 Promoted to Assistant Chief January 11, 2012
 A.A.S. Clark State Community College (EMS)
 A.A.S. Clark State Community College (RN)

Staff Duties

Fire Prevention Officer	Training Officer
EMS Officer	Lead Fire Investigator
Digital logistics	

Specialties

Ohio Firefighter Level II	Ohio Paramedic
Haz Mat Technician	CPR Instructor
EMS Instructor	Fire Investigator
Certified Fire Safety Inspector	Child Car Seat Inspector

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

Ohio Firefighter Level II	Ohio Paramedic
Certified Fire Safety Inspector	Fire Investigator

Captain Phillip Kellenberger

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

Specialties

Ohio Firefighter Level II	Ohio Paramedic
Certified Fire Safety Inspector	Fire Investigator
Fire Service Instructor	

Captain Jerry Kirk

Appointed to Division March 1, 1992
 Promoted to Captain August 25, 2014
 Bachelor Mortuary Science
 A.A.S. Sinclair Community College

Staff Duties

Maintenance Officer

Specialties

Ohio Firefighter Level II
 Certified Fire Safety Inspector

Ohio Paramedic

FF/PM Dean Edwards

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

Staff Duties

Haz Mat Program Instructor

Specialties

Ohio Firefighter Level II
 Haz Mat Technician
 Rope Rescue Specialist
 Fire Service Instructor

Ohio Paramedic
 River Rescue Specialist
 Certified Fire Safety Inspector
 SCUBA Diver

FF/PM Brett Evilsizor

Appointed to Division November 3, 1986
 Senior Firefighter, C Unit

Specialties

Ohio Firefighter Level II
 Public Fire Educator
 Fire Investigator

Ohio Paramedic
 EMS Instructor

FF/PM John Dale

Appointed to Division June 1, 1991
 B.S. Urbana University
 A.A. Ohio State University
 Senior Firefighter, A Unit

Specialties

Ohio Firefighter Level II
 Certified Fire Safety Inspector

Ohio Paramedic
 Fire Service Instructor

FF/EMT Ron Lyons

Appointed to Division June 27, 1991

Specialties

Ohio Firefighter Level II
 Certified Fire Safety Inspector

Ohio Emergency Medical Technician-Basic
 Public Fire Educator

FF/PM Barry Wolf

Appointed to Division March 1, 1992

Staff Duties

EMS Logistics

Specialties

Ohio Firefighter Level II
 EMS Instructor
 PALS Instructor

Ohio Paramedic
 Certified Fire Safety Inspector
 Fire Investigator

FF/PM Chris Jones

Appointed to Division June 1, 1992

Staff Duties

Hydrant Records

UFD Historian

Specialties

Ohio Firefighter Level II
 Haz Mat Technician

Ohio Paramedic
 City Water System

FF/PM Chris Logan

Appointed to Division August 9, 1993

Staff Duties	Rescue Coordinator	Confined Space Coordinator
Specialties	Ohio Firefighter Level II Haz Mat Technician CPR Instructor Certified Fire Safety Inspector	Ohio Paramedic Rope Rescue Specialist Child Car Seat Inspector Fire Service Instructor

FF/PM Eric Beverly

Appointed to Division September 25, 1999

Staff Duties	Key Box Coordinator	Vehicle and Equipment Maintenance
Specialties	Ohio Firefighter Level II Certified Fire Safety Inspector Fire Safety Educator	Ohio Paramedic Fire Investigator Bagpiper

FF/PM Brian Joyce

Appointed to Division May 7, 2002

Specialties	Ohio Firefighter Level II Haz Mat Tech Certified Fire Safety Inspector	Ohio Paramedic Assistant Fire Instructor
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FF/PM Jason CrokerAppointed to Division July 8, 2004
A.A.B Clark State Community College

Staff Duties	Grant Writer	
Specialties	Ohio Firefighter Level II Certified Fire Safety Inspector Fire Service Instructor	Ohio Paramedic NFIRS Program Management

FF/PM Chad Countryman

Appointed to Division June 11, 2007

Staff Duties	SCBA Maintenance	Union President
Specialties	Ohio Firefighter Level II Certified Fire Safety Inspector Auto Extrication Technician	Ohio Paramedic Haz Mat Technician

FF/PM Tyler Wolf

Appointed to Division July 20, 2011

Specialties	Ohio Firefighter Level II Certified Fire Safety Inspector	Ohio Paramedic
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FF/PM Ryan Williams

Appointed to Division November 14, 2011

Specialties	Ohio Firefighter Level II Certified Fire Safety Inspector	Ohio Paramedic Haz Mat Technician
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FF/PM Adam PuhlAppointed to Division July 2, 2011
B.S. The Ohio State University

Specialties	Ohio Firefighter Level II Certified Fire Safety Inspector EMS Instructor	Ohio Paramedic Fire Service Instructor Ohio Region 3 Rescue Strike Team
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FF/PM Parker Robison

Appointed July 28, 2014

Specialties

Ohio Firefighter Level II
Haz Mat Technician

Ohio Paramedic

FF/PM Jonathan De Cola

Appointed September 2, 2014

Specialties

Ohio Firefighter Level II

Ohio Paramedic

Chaplin 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 – Supervisor Counselor

Licensed Independent Chemical Dependency Counselor – Clinical Supervisor

National Certified Counselor

Clinical Incident Stress Management Training

Training in Mediation, general and divorce mediation

Member of American Counseling Association

Ohio Federation of Fire Chaplains

2014 RETIREES

Captain David Torsell

Appointed to Division January 17, 1977

Promoted to Captain November 3, 1998

Retired May 23, 2014



FF/PM Brian Williams

Appointed to Division September 1, 1988
Retired January 12, 2014



FF/EMT Chris Massie

Appointed to Division January 1, 1989
Retired January 5, 2014



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
Retired July 18, 2014





Urbana Fire Division 2014



Fire Prevention Bureau

Prepared by Assistant Chief Jeff Asper

Fire Prevention Bureau

The focus of the Urbana Fire Prevention Bureau is to prevent loss of life and personal property from the effects of unfriendly fire. This goal is accomplished through effective public education, administering fire codes and standards, and conducting regular building inspections. With these specific activities, the fire division will decrease the number of fires and the severity of those that occur.

The Urbana Fire Prevention Bureau consists of the Assistant Fire Chief and three shift Fire Safety Inspectors. The three shift inspectors work 24 hour shifts, function as firefighters/medics, and have the additional duty as Fire Safety Inspectors. The following duties and responsibilities are assigned to the Urbana Fire Prevention Bureau:

- Assistant Chief is responsible for administering and supervising the duties and operations of the Bureau of Fire Prevention.
- Assistant Chief is the “fill in” for the Fire Chief during his absence.
- Conducts Pre-plan building reviews.
- Plans and conducts public safety education.
- Conducts fire origin and cause investigations.
- Enforces Ohio Fire Codes in accordance with Urbana Ordinance 1505.01.
- Conducts regular building inspections.
- Conducts building and business consultations for alarm, sprinkler and fire safety features.
- Division’s Safety Officer.
- Division’s Training Officer.

Public Education

The Urbana Fire Division had another very successful year educating the public. In addition to the Fire Prevention weeks in October, we provided fire safety education to church groups, junior life guards, and extended care health facilities.

Fire Prevention Activities October 2014

October 5-11, 2014

October 7th – Lawnview Preschool at Local Elementary- 93 children in attendance

October 7th – Cub Scout Tour - 12 Scouts

October 8th – Gingerbread House 45 children, YMCA 55 children

October 9th – Center for Creative Child Care 55 children

October 9th – Home School at River of Life Church 15 children and 5 Adults

October 13th – Urbana South Elementary School 178 children

October 14th – Urbana South Elementary School 152 children

October 15th – Lawn View and Head Start at East Elementary School 82 Children

October 16th – Urbana North Elementary School 284 Children

October 17th – Victory Christian School 25 Children

Total Pre K thru 4th grade in attendance = 1162

Inspection Activities

The Fire Prevention Bureau, as required in the Urbana ordinance 1501.01, has the responsibility to enforce the Ohio Fire Code. The fire code has been developed and revised over the last 175 years and exists to protect citizens lives and property against major fires. The fire code establishes basic and fundamental fire safety features, procedures and guidelines. The Ohio Fire Code states:

“provisions of this code are intended to safeguard life and property from fire and explosion and shall apply to all aspects of fire safety at any structures, building, premises, vehicles or other locations within the territorial jurisdiction of the State of Ohio.(OFC 1301:7-7-01 Sec. 101.2.2)”

The fire division, with a coordinated effort from the Champaign County Building Regulations and State Inspectors , have performed hundred of inspections, re-inspections and consultations for our local businesses. We have also provided foster home, day care and fire safety home inspections. Our goal is to inspect every business, in our jurisdiction, at least yearly. The Fire Prevention Bureau wishes to partner with each local business in order to efficiently and economically correct fire code violations, and accomplish the goal of preventing fires.

Inspection Activities:

Year:	2014	2013	2012	2011	2010	2009	2008
# of Inspection Activity	216	304	507	246	228	395	397

Fire Investigations

In the unfortunate event that a significant fire loss does occur, the chief of a fire division, according to ORC 3737.14, has the duty to investigate the cause. The Fire Prevention Bureau has the delegated authority to determine the origin and cause of all major fire losses.

Property Saved vs. Fire Loss 2014

Description	2014	2013	2012	2011
City Property Saved	\$2,044,485	\$3,065,390	\$1,333,249	\$1,346,500
City Property Loss	\$229,547	\$136,870	\$398,826	\$476,800
County Property Saved	\$3,456,420	\$761,000	\$160,530	\$60,400
County Property Loss	\$70,295	\$51,951	\$58,320	\$55,600



Urbana Fire Prevention Learn Not to Burn



Fire Data

Prepared by Captain James Freeman

Breakdown of Fires and Other Incidents 2014

A. FIRES IN STRUCTURES BY FIXED PROPERTY USE	Number of Fires	Civilian Deaths	Civilian Injuries	Property Damage
1. Private Dwellings	15	0	0	\$249,435
2. Apartments	6	0	0	17,010
3. Hotels and Motels	0	0	0	0
4. All Other Residential	1	0	0	0
5. TOTAL RESIDENTIAL FIRES	22	0	0	\$266,445
6. Public Assembly	0	0	0	0
7. Schools and Colleges	0	0	0	0
8. Health Care/Penal	1	0	0	0
9. Stores and Offices	0	0	0	0
10. Industry/Utility	2	0	0	2
11. Storage in Structures	2	0	0	950
12. Other Structures	0	0	0	0
13. TOTAL STRUCTURE FIRES	27	0	0	\$267,397
B. OTHER FIRES AND INCIDENTS				
14a. Highway Vehicles	7	0	0	\$21,900
14b. Other Vehicles	0	0	0	0
15. Non-Structure/Non-Vehicle	16	0	0	10,200
16. Brush/Grass/Wildland	5	0	0	
17. Rubbish/Dumpsters	21	0	0	
18. All Other Fires	2	0	0	0
19. TOTAL FOR FIRES	78	0	0	\$299,497
20. Rescue/Emergency Medical	1,939			
21. False Alarms	76			
22. Mutual Aid	62			
23a. Hazmat Responses	29			
23b. Other Hazardous Responses	42			
24. All Other Responses	225			
25. TOTAL FOR ALL INCIDENTS	2,451			

Note: Property loss totals include contents loss

Breakdown of False Alarm Responses 2014

TYPE OF RESPONSE	Number of Incidents
Malicious, Mischievous False Call	3
System Malfunction	35
Unintentional	35
Other False Alarms	3
TOTAL	76

Leading Fire Causes 1996-2014

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 19 years.

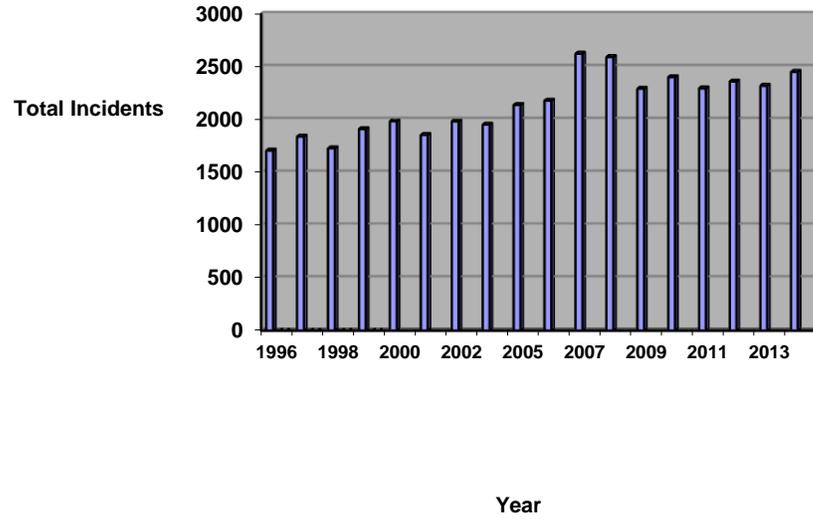
CODE	DESCRIPTION	Percent of All Fires	Total Loss	Percent of Losses
0	Cause, Other	3.98%	\$172,858	1.64%
1	Intentional	7.37%	\$657,294	6.23%
2	Unintentional	43.56%	\$3,409,620	32.30%
3	Failure of Equipment or Heat Source	24.30%	\$1,407,101	13.33%
4	Act of Nature	2.33%	\$56,951	0.54%
5	Active Investigation	5.94%	\$3,349,028	31.73%
U	Undetermined After Investigation	12.49%	\$1,502,342	14.23%

Areas of Fire Origin Summary 1996-2014

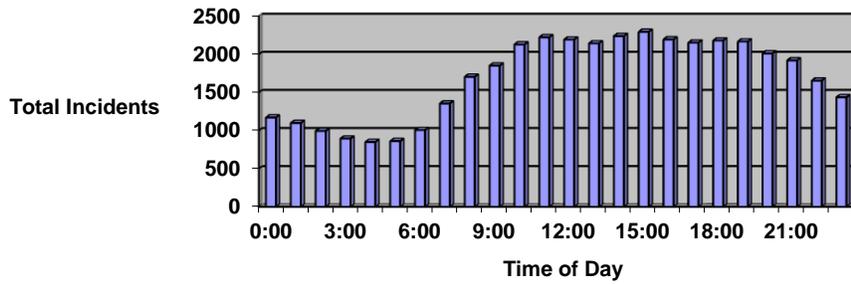
The area of origin describes the primary use of the area where a fire originated in a property. This table indicates the trends over the last 19 years. The top 10 dollar losses are included.

Code	Description	Percent of responses	Dollar Loss
21	Bedroom <5 persons; included are jails	3.84%	\$1,609,823
UU	Undetermined	3.99%	1,493,398
41	Storage room, area, tank or bin	1.13%	1,287,800
24	Cooking area, kitchen	9.56%	1,052,270
61	Machinery room or area; elevator	0.38%	604,600
14	Common room, den, family room, living room, lounge	1.66	496,476
74	Attic: vacant, crawl space above top story, cupola	2.11%	434,037
71	Substructure area or space, crawl space	2.03%	399,660
47	Vehicle storage area, garage, carport	1.43%	386,600
83	Vehicle engine area, running gear, wheel area	15.65%	368,246

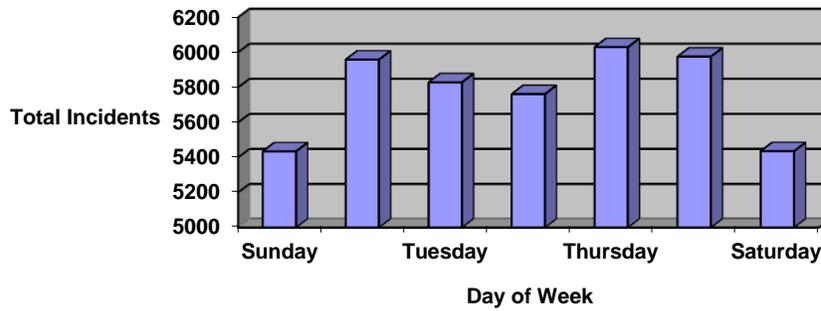
Total Incidents 1996-2014



Alarm Time Analysis 1996-2014



Incidents by Day of Week 1996-2014





Apparatus and Maintenance

Prepared by Chief Mark E. Keller and Captain James Freeman

MEDIC 1



Owned by: City Of Urbana

Make: Horton International

Year: 2007 **Age:** 7 Years

Type: Ambulance

Mileage: 72,328

Condition: Good

Maintenance: Cost - \$2,182 In-house Hours – 17

Primary Use:

Primary vehicle that responds on Emergency Medical Incident including motor vehicle crashes

Comments:

This vehicle still experiences an unusual amount of mechanical problems in 2014 which include total brake system repair and fuel injectors replaced.

MEDIC 2



Owned by: City Of Urbana

Make: Horton International

Year: 2001 **Age:** 13 Years

Type: Ambulance

Mileage: 80,693

Condition: Good

Maintenance: Cost - \$3,218 In-house Hours – 16

Primary Use:

Secondary vehicle that responds on Emergency Medical Incident including motor vehicle crashes

Comments:

This vehicle was purchased used in 2009 to update our ambulance fleet. The previous ambulance was purchased in 1998. The only difficulty with this unit is the fact that it has air brakes which grab very quickly when applied. This can be difficult on the patient and personnel in the back when transporting.

MEDIC 3



Owned by: City Of Urbana
Make: Horton International
Year: 1998 **Age:** 16 Years
Type: Ambulance
Mileage: 97,444
Condition: Fair
Maintenance: Cost - \$646 In-house Hours – 4
Primary Use:

Third vehicle that responds on Emergency Medical Incident including motor vehicle crashes

Comments:

This vehicle has had some mechanical issues over the past several years and is showing signs of deteriorating. The vehicle has been very dependable but should only be used as a reserve unit or third out the door.

ENGINE 1



Owned by: City Of Urbana

Make: Pierce

Year: 2004 **Age:** 10 Years

Type: Engine with A 1500 GPM pump; Carries 750 Gallons of water

Mileage: 36,688 **Engine Hours:** 3,520.1

Condition: Excellent

Maintenance: Cost - \$30 In-house Hours – 6

Primary Use:

Primary pumping fire apparatus that responds to all fires and auto accidents in the City of Urbana

Comments:

Engine 1 continues to be a very good vehicle with very few minor mechanical issues.

ENGINE 2



Owned by: City Of Urbana

Make: Grumman/International

Year: 1984 **Age:** 30 Years

Type: Engine with A 1000 GPM pump; Carries 600 Gallons of water

Mileage: 43,475

Condition: Poor

Maintenance: Cost - \$39 In-house Hours – 6

Primary Use:

Reserve fire apparatus and defensive firefighting only

Comments:

Engine 2 has never been used as a primary fire apparatus. This vehicle has barely passed pump testing for the past several years. Finley Fire, which completes pump testing, has recommended that this vehicle only be used for exterior firefighting operations. The vehicle is not reliable for life safety of citizens or firefighting personnel and is at the end of its life span.

TRUCK 1



Owned by: City Of Urbana

Make: Pierce

Year: 1997 **Age:** 17 Years

Type: Engine with A 1750 GPM pump; Carries 200 Gallons of water
100 foot aerial ladder and standpipe

Mileage: 23,340 **Engine Hours:** 2,882

Condition: Excellent

Maintenance: Cost - \$1,880 In-house Hours – 12

Primary Use:

Responds with Engine 1 on possible commercial and some residential fires

Comments:

Truck 1 has been very beneficial on several downtown, residential and commercial fires and has been used for silo rescues and recoveries. This vehicle was used on the silo fire at Heritage several years ago/. The truck was instrumental in the operations to extinguish the fire. Mechanically the vehicle is very sound and has had only minor issues to repair.

ENGINE 4



Owned by: Urbana Township

Make: Pierce/International

Year: 1997 **Age:** 17 Years

Type: Engine with A 1250 GPM pump; Carries 1000 Gallons of water

Mileage: 59,121 **Engine Hours:** 4,122

Condition: Good

Maintenance: Cost - \$3,246 In-house Hours – 28

Primary Use:

Primary pumping fire apparatus that responds to all fires and auto accidents in Urbana Township, Salem Township, Union Township and mutual aid fires in rural areas.

Comments:

Engine 4 has been a good vehicle for rural firefighting capabilities. This vehicle is close to reaching its 20 year active service life. Typically, fire apparatus are good for 20 years of active service and can then be put into reserve status for the next 10 years. This vehicle has the possibility of being refurbished which could extend its active life for another 5 years.

TANKER 1



Owned by: Urbana Township

Make: Pierce/International

Year: 2009 **Age:** 5 Years

Type: Engine with A 1250 GPM pump; Carries 2100 Gallons of water

Mileage: 4,487 **Engine Hours:** 506

Condition: Excellent

Maintenance: Cost - \$15 In-house Hours – 15

Primary Use:

Tanker 1 responds primarily into rural areas and hauls water to the scene of fires

Comments:

Tanker 1 has been a very good addition to the fleet. The previous tanker had a small 250 GPM pump and was not set up to also function as an engine. This vehicle has hose loaded on it to allow it to be used as a pumping apparatus.

BRUSH 1



Owned by: Urbana Township

Make: Ford F-550 Super Duty 4x4

Year: 2004 **Age:** 10 Years

Type: Brush Truck with 250 GPM pump; Carries 400 Gallons of water

Mileage: 6,620

Condition: Excellent

Maintenance: Cost - \$93 In-house Hours – 3

Primary Use:

Brush 1 responds on all grass fires, brush fires, field fires or any small fire wither off road or areas with very limited access.

Comments:

Brush 1 is designed to go off road to fight fires. Once the 400 Gallons of water is used, a tanker or engine is used to re-supply water for extended use.

CHIEF 1 VEHICLE (C1)



Owned by: City of Urbana

Make: Ford Police Interceptor Utility

Year: 2013 **Age:** 2 Year

Type: Staff Vehicle

Mileage: 13,535

Condition: Excellent

Maintenance: Cost - \$0 In-house Hours – 1

Primary Use:

Command vehicle is for all major incidents such as fires, rescues and motor vehicle accidents.

Comments:

This vehicle is equipped as a command vehicle and has the capability to be a command post for large fires. All future staff vehicles will have the same exterior set-up.

CHIEF 2 VEHICLE (C2)



Owned by: City of Urbana

Make: Ford Explorer

Year: 2005 **Age:** 9 Years

Type: Staff Vehicle

Mileage: 101,953

Condition: Fair

Maintenance: Cost - \$36 In-house Hours – 5.5

Primary Use:

Command vehicle is for all major incidents such as fires, rescues and motor vehicle accidents. This vehicle is also used for fire investigations and inspections.

Comments:

This vehicle is equipped to conduct fire investigations with special tools.

Utility 1



Owned by: City of Urbana

Make: Ford F-350

Year: 2001 **Age:** 13 Years

Type: Utility Vehicle

Mileage: 90,603

Condition: Fair

Maintenance: Cost - \$44 In-house Hours – 0

Primary Use:

This vehicle is used to haul equipment and personnel to and from incident scenes. Also, used to pick up parts and/or groceries.

Comments:

This is a very handy vehicle to have to save wear and tear on the fire apparatus. This vehicle is also used by the Police Division on occasion to retrieve bikes or other evidence.

REHAB 1



Owned by: Box 13
Make: Horton International
Year: 1991 **Age:** 23 Years
Type: Rehab/Air Vehicle
Mileage: 70,524
Condition: Fair
Maintenance: Cost - \$0 In-house Hours – 2
Primary Use:

Used as a rehab vehicle and to re-supply the breathing air cylinders.

Comments:

This vehicle responds to major incidents and usually is staffed by Box 13 members to provide a place for firefighters to catch their breath. Rehab 1 is also equipped with a breathing air cascade system and a fill station to fill air cylinders when firefighters come out of a building that is on fire.

HAZ MAT 1



Owned by: City of Urbana

Make: International

Year: 1981 **Age:** 33 Years

Type: Haz Mat Response Vehicle

Mileage: 151,315

Condition: Poor

Maintenance: Cost - \$440 In-house Hours – 1

Primary Use:

Haz Mat Response for county haz mat team

Comments:

In 2012, the county fire chiefs took control of the county haz mat team. One of the goals is to acquire trailers to put the haz mat equipment and supplies into for response. This vehicle continues to age and is used very little.

FIRE SAFETY TRAILER



Owned by: City of Urbana

Make: Surrey

Year: 1998 **Age:** 16 Years

Type: Safety Education Trailer

Mileage: N/A

Condition: Excellent

Maintenance: Cost - \$0 In-house Hours –

Primary Use:

Fire and storm weather education

Comments:

The Fire Safety Trailer has been an excellent tool to teach both children and adults about fire safety. Over its lifetime so far there have 10s of thousands of participants go through programs. The trailer was moderately refurbished by Surrey in 2013 to repair the storm weather program and the trailer back to original condition.



Thank you and have a safe 2015