

# Soaring to New Heights of Service

2011 Annual Report  
Lebanon Fire Division



## Chief Michael T. Hannigan

It gives me great pleasure to present the Lebanon Fire Division's 2011 Annual Report. Our focus for the division continues to be to improve our fire, rescue and EMS services to our citizens and visitors. The efforts of our employees go hand in hand with the mission of the city. I am very proud of our firefighters and I truly believe that they are "Dedicated to Excellence in Public Service." My focus as fire chief is to provide our people with the tools and training necessary to support the mission in addition to be frugal in these hard economic times. The city enjoys great service from all the divisions of the city and we strive to continue that tradition for years to come.



*Chief Michael T. Hannigan has been the Chief for 28 years and is currently the President of the Warren County Fire Chief's Association.*

# Using "Toughbook" Computers to Record Patient Care Reports Leads to More Accuracy in Reporting

The Fire Division has relied on using Panasonic Toughbooks to record patient care reports for a number of years. The benefits of the technology include, recording accurate patient care reports, simplifying data entry and speeding the turnaround for billing data that EMT's and paramedics need to run reports. Prior to having Toughbooks in the field, medics would have to wait until they returned to the station to enter all pertinent patient information in the computer. This delay meant the possibility for errors in reporting.

Now, all runs can be entered directly into the computer as the data is gathered. Reports are instantly generated when the data is entered and the data is then transmitted to the receiving hospital. This is a great benefit to the doctors and other medical personnel in the emergency room. Reports needed later for billing purposes are now easily generated as well. Additionally, the Toughbook allows us to capture signatures right on the screen. There are preloaded options in the system's drop-down menus that diminish the need to write out long narratives to describe incidents, which improves reporting, saves time and improves accuracy, in addition to creating uniformity in reporting among users.

The other benefit of the Toughbook is that other necessary information is readily available for the paramedic, including maps of the city and surrounding communities, and our drug protocol. The protocol is the guide that serves each paramedic that tells us what we can and can't provide for in the field. With our protocol being electronic, we can access information needed by the paramedic without having to refer to a hard copy book. Drug calculations are completed automatically as soon as we enter a weight for the patient.



*The outstanding men and women of the Lebanon Fire Division serve our community in ways that few others would choose. Our City is fortunate to have such well-trained and prepared firefighters and emergency responders. This 2011 annual report is a testament to the department's commitment to excellence in public service.*

*Pat Clements  
City Manager*

# Division Receives Grant for Equipment Upgrades

Lebanon Fire Division was awarded with the “Assistance to Firefighter Grant” funded by the U.S. Fire Administration. The grant funds were used to make upgrades to our Self-Contained Breathing Apparatus (SCBA) and a provide a fill station, which is a compressor and cascade of large air bottles that fill empty SCBA cylinders. The total award was for \$112,000, and the fire division was required to provide a matching funds, which brought the total price to \$125,000. The SCBA upgrades included chemical, biological, radiological or nuclear approval, new electronics and new AV-3000 face pieces.



The electronic upgrade included integrated a Pak Tracker locator system for increased firefighter safety. The improved technology allows firefighters to locate trapped or downed firefighters within a single or multi-story structure quickly. Through the use of federal funds, the fire division was able to purchase the SCBA technology for our firefighters without further tax burden to our residents.

# Lebanon Fire Division Undergoes Technical Rescue Training

Lebanon’s Fire Division, Ohio Water TAC, and Ohio Fire Academy sponsored a Technical Rescue Operations Course in March 2011. The course took four days to complete and training was held in various locations including, the Countryside YMCA, Caesars Creek State Park and the Little Miami River.

The intense training provided an opportunity to train at a site with a low head dam and a scheduled water release from the dam on the final day of the training. The water rescue equipment was provided by the Ohio Fire Academy.

Other training during 2011 included, multi-company drills with surrounding departments, rope rescue operations, and hundreds of hours of company level training.



## Contact Information

Fire Chief

*Michael Hannigan*

[mhannigan@lebanonohio.gov](mailto:mhannigan@lebanonohio.gov)

Administrative Assistant

EMS Billing

*Patricia Kirk*

# ATTACK 41 Receives Makeover

Lebanon Fire Division made changes to the unit formerly known as Attack 41, a Ford F550 with utility body and brush pump and tank. The unit was formerly installed with a rear mounted 250 GPM pump and 300 gallon tank. Due to maintenance issues, and the lack of brush fires or wild land fires in this area, changing its use to provide a more necessary function that would make better use of the unit. The pump and tank were removed, and many hours were spent reconfiguring the truck into a utility unit.

To make the transformation, our fleet maintenance specialist took off the old bumper and replaced it with a new heavy-duty bumper, and a mounted winch capable of pulling 12,000 lbs. Now, all of the Fire Division's extra rescue equipment is stored on the new utility unit. By making modifications to better use our current fleet, our Division has become more efficient without having to make a large investment in new apparatus.

# Fire Operations

Fire responses are not limited to typical fire calls like house fires or car fires. Fire responses also include high-priority E.M.S. calls or non-emergency service calls. Additionally, the division's overall run-rates continue to rise in conjunction with the city's continued growth. Most fire responses in the City of Lebanon were to assist EMS crews including first response, lifting assist, rescue or high priority EMS details. Also included are auto accidents, entrapments, water and ice rescues. Fire run totals show a reduction from 2008, due to placement of a new division policy regarding the types of calls, in which the engine will be dispatched.



# Fire History

Total Fire Runs 2006-2011					
2006	2007	2008	2009	2010	2011
1,139	1,535	1,884	1,637	1,267	1,437

## Casualty Report

	2006
Civilian	5
Firefighter	0
	2007
Civilian	3
Firefighter	2
	2008
Civilian	10
Firefighter	0
	2009
Civilian	6
Firefighter	1
Fatality	5
	2010
Civilian	7
Firefighter	0
	2011
Civilian	6
Firefighter	1

Types of Fires 2006-2011						
	2006	2007	2008	2009	2010	2011
<b>Structures</b>	37	42	55	17	16	32
<b>Cooking</b>	5	15	10	6	8	6
<b>Vehicles</b>	12	5	9	6	7	8
<b>Chimney/ Flue</b>	1	1	4	4	1	1
<b>Vegetation/ Brush/Grass</b>	10	16	24	4	8	3
<b>Rubbish/ Dumpster</b>	9	3	9	11	3	3

# 2011 Fire Loss

The following chart lists 2011 fire loss valued over \$10k. The total 2011 fire loss in Lebanon was approximately \$450k.

2011 Fire Loss				
Date	Address	Property Loss Value	Contents Loss Value	Description/Cause
2/24/11	204 Mechanic St	80,000.00	30,000.00	Building Fire
3/29/11	494B Yale Dr	25,000.00	10,000.00	Building Fire
4/7/11	70 Suncrest	10,000.00	100.00	Building Fire
5/6/11	3675 Taft Dr	20,000.00	0	Building Fire
7/6/11	238 Village Park Dr	15,000.00	500.00	Building Fire
8/1/11	324 Keenland Ct	15,000.00	1,000.00	Building Fire
8/3/11	348 Churchill	30,000.00	10,000.00	Building Fire
8/23/11	806 McBurney	5,000.00	10,000.00	Building Fire
9/30/11	101 Walnut St	25,000.00	500.00	Building Fire
10/30/11	520 E Main St	10,000.00	5,000.00	Building Fire



# Simultaneous Calls

Many times, our staffing is pushed to the limits, due to simultaneous calls. In 2011, there were 372 instances where there were two calls being handled simultaneously. Additionally there were 58 instances where three calls were being handled at the same time, and nine instances of four simultaneous calls happening.



During incidents where three or more calls occurred at the same time, mutual aid was called many times to help handle these situations, due to our internal resources and staffing being stretched to its limits. Turtlecreek Twp., Union Twp., and Clearcreek Twp. are called upon when our call volumes become more than we can safely service. We, in turn, assist these communities when they become overwhelmed as well.

## 2011 Simultaneous Calls

# of Simultaneous Call	# of Instances
Two Calls	372
Three Calls	58
Four Calls	9

# Historical Fire Statistics

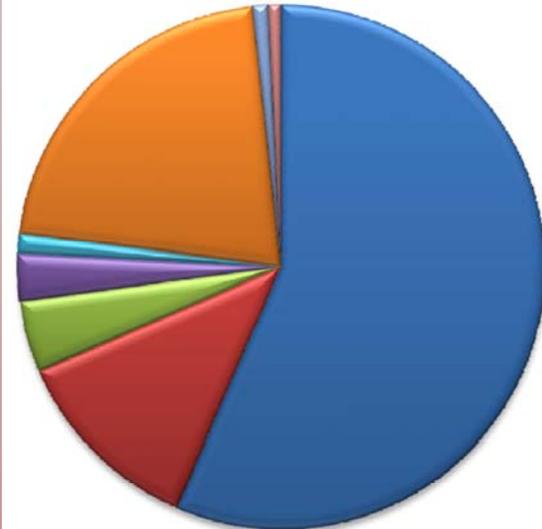
Description	2006	2007	2008	2009	2010	2011
EMS Calls	2,037	2,196	2,152	2,149	2,281	2,152
Total Annual Fire Department Responses	1,139	1,535	1,884	1,637	1,267	1,437
Fires w/ Loss	50	42	55	25	35	44
Fires w/ Losses exceeding 10k	3	9	8	5	2	11
Total Annual Fire Loss Amount	\$229,275	\$643,967	\$914,225	\$1,365,500	\$839,000	\$446,247
Number of Times Mutual Aid was given to other Communities	26	54	58	53	58	31
Number of Times Mutual Aid was received from other Communities	6	42	67	70	53	95

# EMS OPERATIONS

## 2011 Total E.M.S. Runs

2,152

## Transport Disposition



- Bethesda Arrow Springs
- Atrium Medical Center
- Bethesda North
- Children's Liberty Campus
- Greater Dayton Hospitals
- Refuse Transport/No Removal
- Greater Cincinnati Hospitals
- West Chester Medical Center

# Public Education

Fire prevention activities in the last decade have helped to cut fire related deaths and fire losses significantly. Lebanon Fire Division's education geared towards school-aged children from pre-K through 12th grade, which include a variety of topics from, "What's Hot and What's Not" for preschoolers to certifying high-school sophomores in C.P.R. The Division also offers adult fire extinguisher classes.

Fire prevention begins at home, so everyone must implement and practice a home fire safety drill. Contact administrative assistant Patricia Kirk at 228-3852 if you would like to schedule a class or work presentation.



## New Staff Members

### Firefighter/EMT

Chad Woodrum  
Gary Fannin

### Firefighter/Paramedic

Luke Drury  
Josh Scott  
Dennis Waldbillig  
Tiffany Marquardt  
William Moffitt  
Benjamin Shideler  
Ryan Hadley  
Kristopher Hagler  
Douglas Roebuck  
Justin Cristwell

# Services Provided

- Fire Suppression
- E.M.S. *Paramedic Level*
- Technical Rescues, including:  
trench, confined space &  
emergency building shoring
- Hazmat
- Water & Ice Rescue
- Extrication
- Fire Prevention
- Inspection
- Plan Review
- Emergency to  
Property
- Animal Rescue





***We, the members of the Lebanon Fire Division, are willingly committed to serving the community. This service goal will be achieved through specialized training, ability, compassion, and leadership.***

Station 41  
20 West Silver St.  
Lebanon, OH 45036

Station 42  
3116 Lebanon Rd.  
Lebanon, OH 45036

[www.lebanonohio.gov](http://www.lebanonohio.gov)  
513-932-6119