

SERVING WITH PRIDE

LEBANON FIRE DIVISION 2010 ANNUAL REPORT



Chief Michael T. Hannigan

It gives me great pleasure to present the Lebanon Fire Division's 2010 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 27 years and is currently the President of the Warren County Fire Chief's Association.

Local EMS Calls Rank Higher Than National Average during 2010

Emergency medical runs continue to be the number 1 call by nature for fire calls in 2010. EMS calls our automatically assigned to the engine company if it is a high priority call such as unconscious persons, trouble breathing or cardiac calls. Due to run volume, the engine company also first responds to EMS calls if it is the closest unit to the address to render care prior to the ambulance arrival. These numbers are not unlike that of those found in the State of Ohio or the United States as a whole. Only 3.1% of our total run volume accounts to actual fires. EMS calls account for 65.4% and Other Fire calls that are neither a fire or an EMS call account for 31.4%. Here is how we compare as reported by the National Fire Incident Reporting System statistics to the Ohio and the United States:

	City of Lebanon	State of Ohio	United States
Fires	3.1%	8.4%	5.9%
EMS Only	65.4%	60.1%	65.3%
Non Fire & Non EMS	31.4%	31.5%	27.1%

We were very fortunate this year to report that we had very few fires; however we did have one significant fire that resulted in serious injuries and a high dollar loss as a result of a natural gas explosion at a townhome complex on Franklin Rd. Fire loss for the year was less than the previous two years but continues to be near the \$1 million mark.



The outstanding men and women of the Lebanon Fire Division remain 100% committed to providing the best possible service to our community. Their professionalism, combined with the strong support of those they serve, has allowed the Fire Division to consistently provide an outstanding level of service. They are truly "Dedicated to Excellence in Public Service."

Pat Clements
City Manager

Technology and Personnel: An Undeniable Force in 2010 and beyond

Two of the most important assets in the EMS community are highly trained personnel coupled with easy to use technology. In 2010, the Lebanon Fire Division took strides to improve both assets by delivering top notch training and acquiring the latest technology in cardiac monitor / defibrillators. Several monthly trainings were conducted by contract providers, shift officers and other hospital based programs. The division hosted paramedic refreshers classes, P.E.P.P. and A.C.L.S. classes.

Division Awarded with Homeland Security Grant

Lt. Dion Grener was successful at winning a grant provided by the Department of Homeland Security for \$98,000 to purchase the LifePak 15. This monitor / defibrillator combine several technologies into one awesome package. The monitor is capable of so many functions including heart rate, SpO2 (oxygen level monitoring), SPCO2 (carbon monoxide monitoring); it has a metronome to guide CPR compressions and ventilations; and it delivers full energy defibrillations up to 360J. It is powered by long lasting and dependable Lithium-ion rechargeable batteries. What are paramedics like most about the new monitor is the ability to acquire 12 leads in the field and transmit them to the hospital so that there is less time between onset and proper therapy for heart attack victims. Between quick paramedic intervention and good communication with the hospital, the heart attack victim has a much better chance less cardiac injury or death. In addition, with the ability to monitor SpCO2, the paramedic can enhance the effectiveness of our treatments or can provide valuable insight to diagnosing possible medical problems with our patients cardiac and respiratory patients.

Division Receives State Funding for EMS Training

The Fire Division was also awarded an Ohio EMS Grant totaling \$6,000 which was used for EMS training. We also placed a new medic unit in service in the first quarter of 2010. The unit is a Freightliner / Road Rescue. The unit is fully equipped to handle any medical emergency and carries equipment such as disposable immobilization devices, CPAP, LP15. In preparation for another medic unit to be ordered in 2012, the division also started working on specs for a new ambulance. The division is hoping to secure an order a unit in 2010 to be delivered and paid for in the first month of January, 2012. This unit will replace our third line ambulance which was purchased used, it is a 1999 Ford / Wheeled Coach formerly owned by the Milford Community Fire Department in Clermont County, Ohio.

Unit 2 staff assisted in the delivery of a baby in the squad in 2010.



Ohio Task Force 1

Lt. Dion Grener and Lt. Steve Johnson are both active members of Ohio Task Force 1, part of the National US&R Response System. Lt. Grener is a Search Team Manager and Technical Search Specialist. Lt. Steve Johnson is a Rescue Squad Officer and Technical Search Specialist.



Both members had significant training hours in 2010 and including Standby for Haiti Earthquake. The fire division supports regional teams such as US&R, HazMat and others so we can capitalize on expensive resources needed to keep these teams going.

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 2005-2010

2005	2006	2007	2008	2009	2010
1,062	1,139	1,535	1,884	1,637	1,267

Contact Information

Fire Chief
Michael Hannigan
 mhannigan@lebanonohio.gov

Administrative Assistant
EMS Billing
Patricia Kirk
 pkirk@lebanonohio.gov

Types of Fires 2005-2010

	2005	2006	2007	2008	2009	2010
Structures	32	37	42	55	17	16
Cooking	10	5	15	10	6	8
Vehicles	9	12	5	9	6	7
Chimney/Flue	1	1	1	4	4	1
Vegetation/Brush/Grass	7	10	16	24	4	8
Rubbish/Dumpster	12	9	3	9	11	3

2010 Fire Loss

2010 fire loss in Lebanon was approximately more than \$839,000..

2010 Fire Loss				
Date	Address	Property Loss Value	Contents Loss Value	Description/Cause
2-6-10	700 Monroe Rd.	\$1,250	\$1,250	Electrical
3-10-10	316 Mound St.	\$1	\$1,500	Cooking
3-23-10	306 Pleasant St.	\$1,000	\$0	Chimney Fire
5-13-10	382 Forge St.	\$1,000	\$500	Cooking
5-23-10	1598 Tollgate	\$10,000	\$0	Gun Powder Explosion
5-25-10	1500 Kingsview	\$15,000	\$1,000	Equipment Failure
6-13-10	975 Greengate	\$500	\$500	Mattress Fire
7-27-10	990 E. Ridge	\$500	\$0	Cooking
9-8-10	485 Pewter Hill	\$100	\$0	Suspicious
9-14-10	205 Rose Marie	\$750	\$0	Cooking
10-18-10	3675 Taft	\$1	\$50,000	Dust Collector
10-21-10	11 North Lane	\$15	\$1	Smoking
10-28-10	101 E. Concord	\$4,500	\$200	Electrical
11-2-10	800 Franklin Rd.	\$555,000	\$150,000	NG Explosion
12-1-10	1650 Kingsview	\$45,000	\$0	HVAC Motor



The apartment fire that occurred in November, resulted in 7 injuries. Two of which were serious burn injuries requiring extended hospital stays and a long road to recovery. The fire was the result of a natural gas explosion.

Casualty Report

	2005
Civilian	0
Firefighter	0
	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

Simultaneous Calls

Many times, our staffing is pushed to the limits, due to simultaneous calls. In 2010, there were 372 instances where there were two calls being handled simultaneously. Additionally there were 52 instances where three calls were being handled at the same time, and seven instances of four simultaneous calls happening.



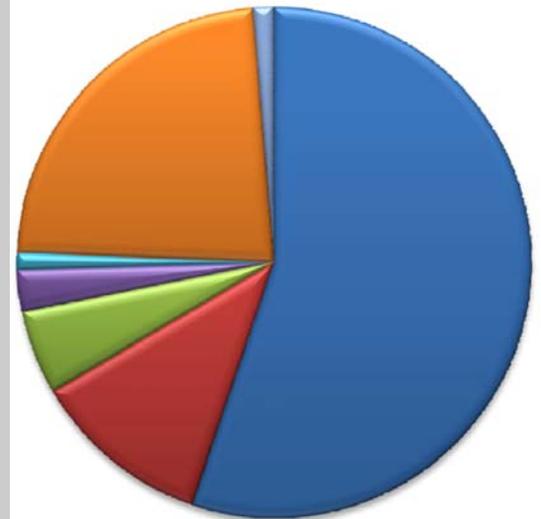
During incidents where three or more calls occurred at the same time, mutual aid was called many times to help handle these situations, due to our internal resources and staffing being stretched to its limits. Turtlecreek Twp., Union Twp., and Clearcreek Twp. are called upon when our call volumes become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

EMS OPERATIONS

2010 Total E.M.S. Runs

2,281

Transport Disposition



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

2010 Simultaneous Calls	
# of Simultaneous Call	# of Instances
Two Calls	372
Three Calls	52
Four Calls	11

Historical Fire Statistics

Description	2005	2006	2007	2008	2009	2010
EMS Calls	2,000	2,037	2,196	2,152	2,149	2,281
Total Annual Fire Department Responses	1,062	1,139	1,535	1,884	1,637	1,267
Fires w/ Loss	42	50	42	55	25	35
Fires w/ Losses exceeding 10k	5	3	9	8	5	2
Total Annual Fire Loss Amount	\$395,500	\$229,275	\$643,967	\$914,225	\$1,365,500	\$839,000
Number of Times Mutual Aid was given to other Communities	31	26	54	58	53	58
Number of Times Mutual Aid was received from other Communities	8	6	42	67	70	53

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.



Staff Members Degrees & Certifications

The following staff member successfully completed degree and certification work in 2010.

Lt. Jeff Vaughn
B.S. Occupational Safety and Health
Columbia Southern University
October 2010

New Staff Members

Matt Stickley
Pat Redman
Justin Hemsley

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.

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Lebanon, OH 45036

Station 42
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www.lebanonohio.gov/fire
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