

# LANCASTER FIRE



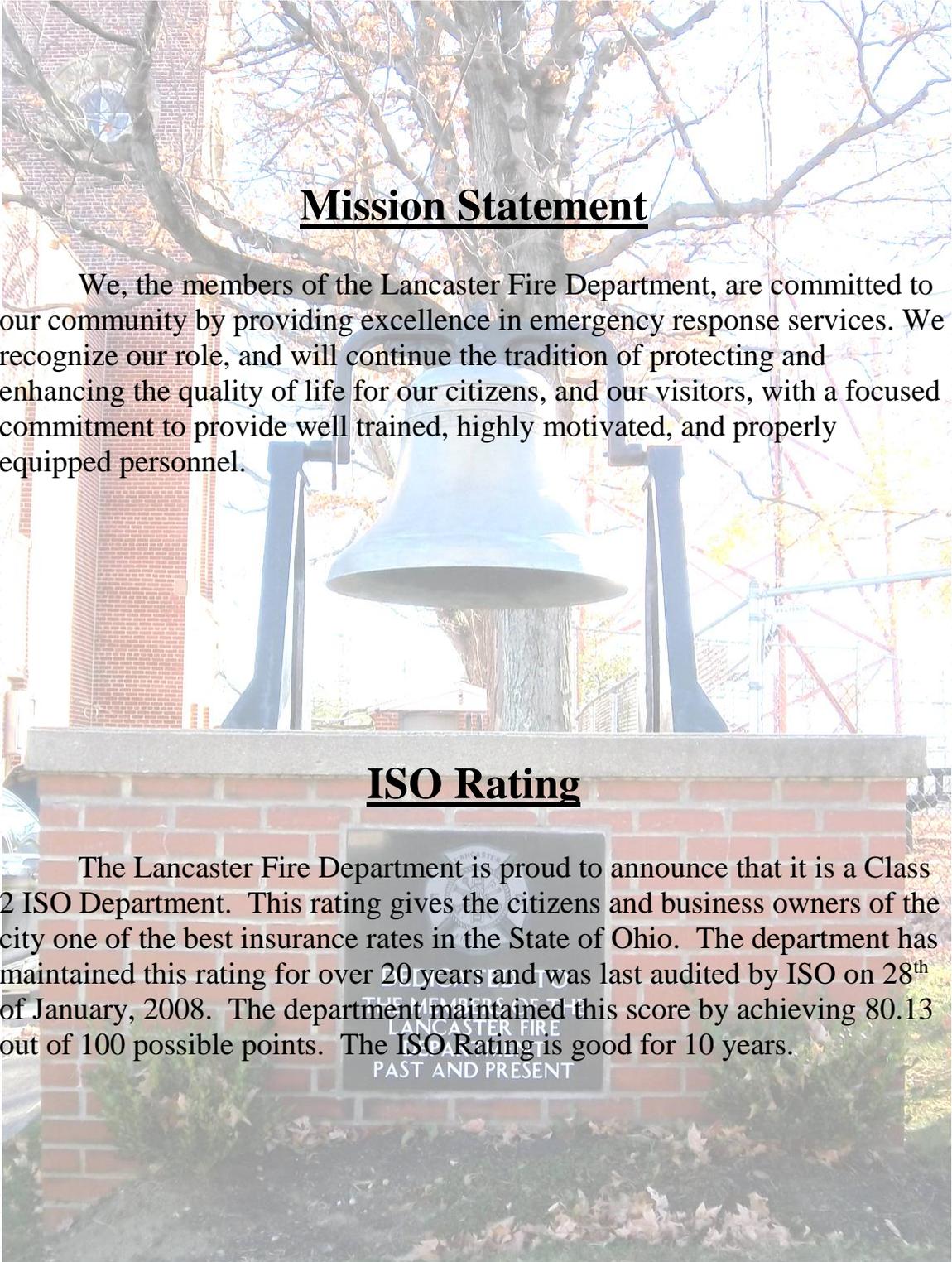
# DEPARTMENT

**2017  
Annual  
Report**

Organized 1893

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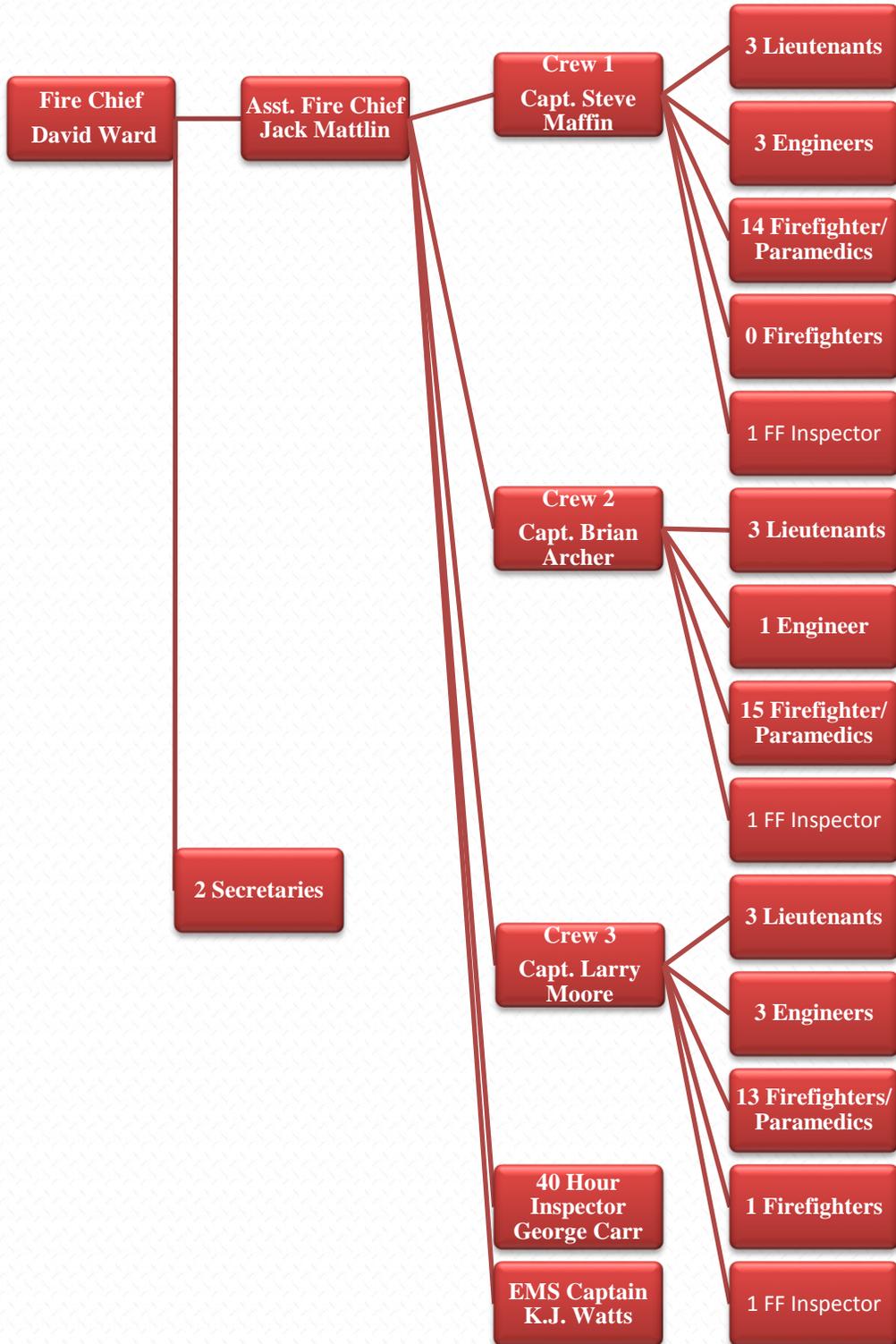
## **Mission Statement**

We, the members of the Lancaster Fire Department, are committed to our community by providing excellence in emergency response services. We recognize our role, and will continue the tradition of protecting and enhancing the quality of life for our citizens, and our visitors, with a focused commitment to provide well trained, highly motivated, and properly equipped personnel.

## **ISO Rating**

The Lancaster Fire Department is proud to announce that it is a Class 2 ISO Department. This rating gives the citizens and business owners of the city one of the best insurance rates in the State of Ohio. The department has maintained this rating for over 20 years and was last audited by ISO on 28<sup>th</sup> of January, 2008. The department maintained this score by achieving 80.13 out of 100 possible points. The ISO Rating is good for 10 years.

# Department Personnel



## Real Estate



**Engine House #1**  
254 E. Chestnut St.  
Constructed 1900  
Good Condition

**Engine House #2**  
601 Harrison Ave.  
Constructed 1955  
Fair Condition



**Engine House #3**  
1596 E. Main St.  
Constructed 1967  
Fair Condition  
**Houses Administration  
and Prevention**



## Department Vehicles And Mobile Property

<u>EQUIPMENT</u>	<u>CONDITION</u>
2016 Horton Medic Unit	Excellent
(2) 2014 Ford Escapes (Chiefs' Cars)	Excellent
2013 Horton Medic Unit	Excellent
2013 Rosenbauer Pump Truck	Excellent
2013 Rosenbauer 1,500 GPM Pump Truck	Excellent
2012 Ford Escape (Fire Prevention Vehicle)	Excellent
2010 Horton Medic Unit	Fair
2008 Chevy Tahoe (Command Vehicle #1)	Good
2008 Horton Medic Unit	Fair
2007 Sutphen Custom SPH 100 Ft. Aerial Platform	Good
2005 Horton Medic Unit	Fair
2004 Chevy Venture Van (Inspector Van)	Fair
2002 Ford Excursion	Fair
2002 Dodge Ram 2500 Station Truck	Fair
1995 Horton Air/Rehab Unit	Fair
1994 Scotty (Safety House)	Good
1994 Sutphen 75 Ft. Mini Tower	Poor
1990 Emergency One 1,500 GPM Pump Truck	Fair
1973 Chevrolet Chassis Brush Truck – 250 GPM	Poor

# Communication Systems



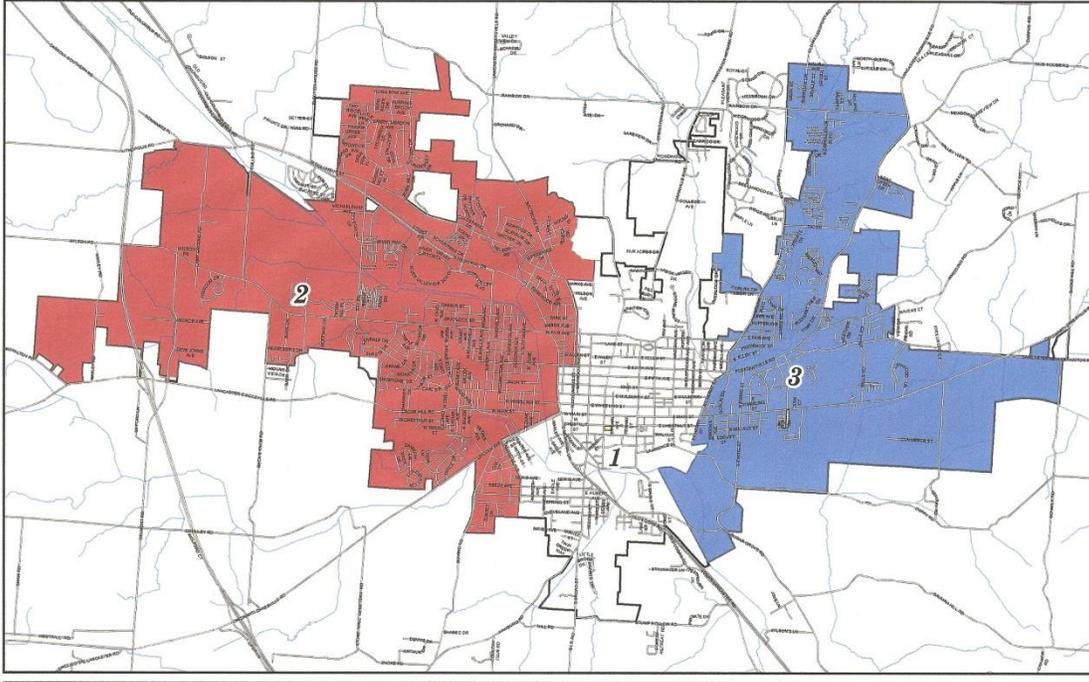
The communication system of the Fire Department consists of the following:

- Public Telephone System
- Radio
- Public Address System
- 911

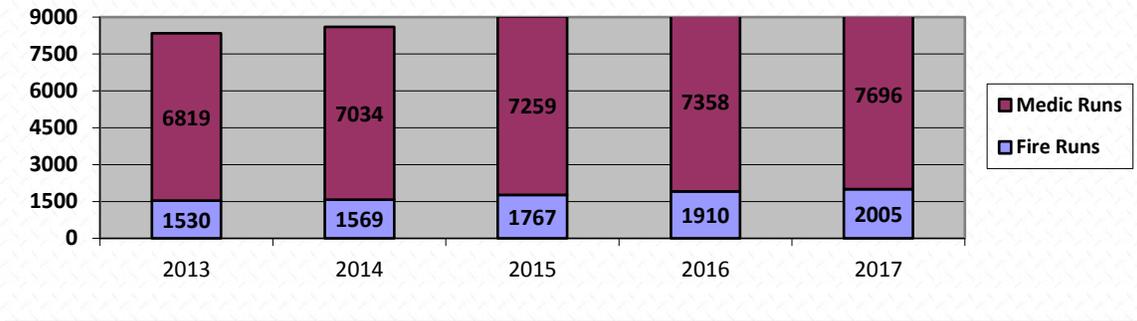
The radio communications system for the Lancaster Fire Department is comprised of three strategically located tower sites capable of transmitting and receiving simulcast transmissions and three sites capable of receiving communications. The system is connected via fiber optic cable. The base stations are located at Engine House #1, 254 East Chestnut Street, and Water Works Hill, and mobile units in all department apparatus

The public address system is used for dispatching calls to the three engine houses and is operated from the 911 dispatch center located in the Lancaster Police Department.

# LFD Fire Districts



# 5 Year Total Run Volume

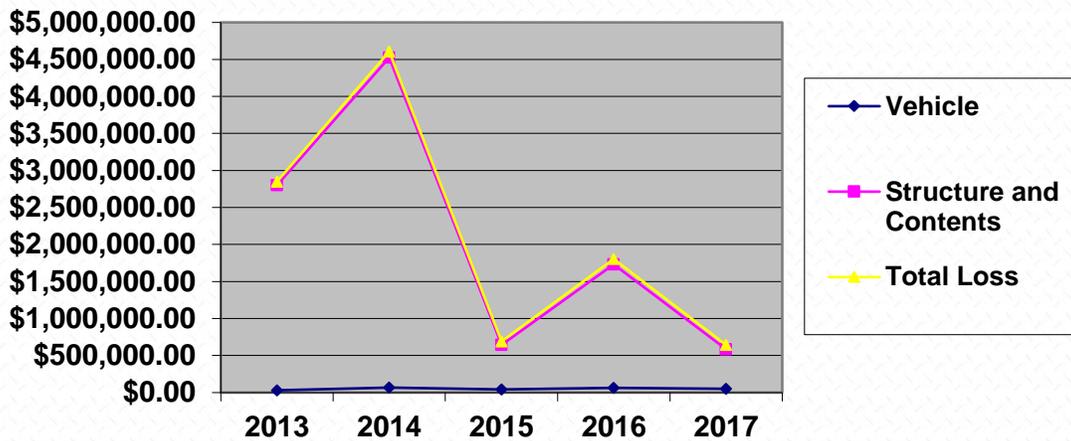


# Engine Response Report

## Average Response Time:

- **District #1** **5:10 min.**
- **District #2** **5:37 min.**
- **District #3** **5:03 min.**
- **Mutual Aid** **5:44 min.**

## Five Year Fire Loss:



<u>Year</u>	<u>Structure &amp; Contents</u>	<u>Vehicle</u>	<u>Total Annual Loss*</u>
2017	\$585,610	\$51,700	\$642,821
2016	\$1,733,180	\$65,350	\$1,805,130
2015	\$644,705	\$42,654	\$690,976
2014	\$4,524,545	\$67,325	\$4,606,095
2013	\$2,800,805	\$30,108	\$2,849,033

\*Total Annual Loss includes non-fire and brush fire losses not included in sub-categories listed

## **Type and Number of Calls**

<b>Fire or Explosion</b>	
Structure:	74
Vehicle:	14
Trees, Brush, Grass or Refuse:	63
Other: <i>(includes Explosion/No fire; outside leak/spill with fire; not classified)</i>	12
<b>Overpressure/Rupture</b>	2
<i>(Steam/Air or Gas Rupture; Overpressure Rupture; Not Classified)</i>	
<b>Rescue Calls</b>	
First Responder:	261
Engine EMS, Assist: <i>(Rescue Calls; Extrication; Ambulance Assist)</i>	665
Other: <i>(includes Lock-In; Search)</i>	16
<b>Hazardous Condition or Standby</b>	
Spill or Leak:	128
Power Lines or Shorted Electrical Equipment:	84
Other: <i>(Explosive Device Removal; chemical Emergency; Hazardous Condition/Standby; Excessive Heat)</i>	8
<b>Service Calls:</b>	
<i>(Lock Out; Negative CO Check; Water Evacuation; Smoke/Odor Removal; Assist Police; Unauthorized Burning, ETC.)</i>	
	278
<b>Good Intent Calls:</b>	
<i>(Steam Mistaken for smoke; Controlled Burns; Smoke Scares; ETC)</i>	
	142
<b>False Calls</b>	
Malicious or Bomb Threat:	7
System Malfunction:	92
Unintentional:	137
Other: <i>(Not Classified)</i>	26
<b>Other Situation</b>	
Severe Weather:	3
Not Classified/Undetermined:	1

# Medical Response Report

The Lancaster Fire Department staffed (3) medic units for 2017, one at each engine house. Medic 1 continues to cross staff with our aerial tower and has its own assigned area which improves the EMS we provide to the central portions of our city.

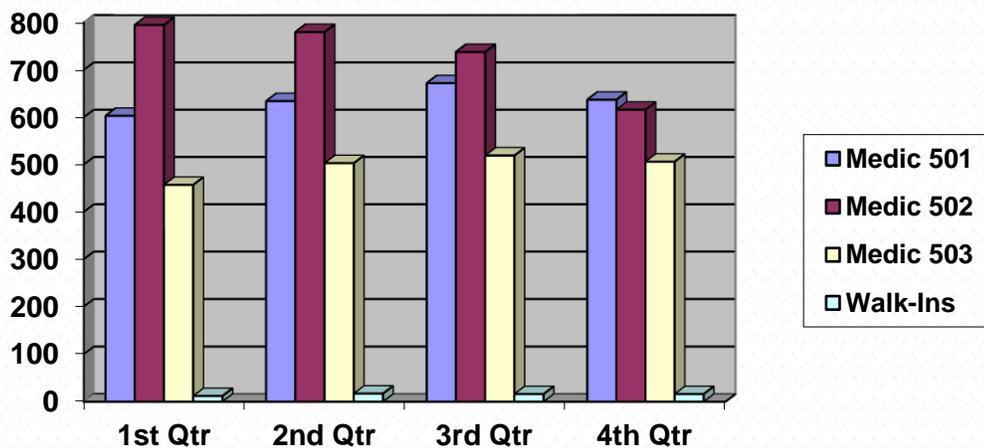
An additional medic unit is held in reserve and is staffed during special events and can be staffed during times of emergency when off duty personnel are called in. Some of the run statistics were handled by this additional unit.

**Total Medical Responses for 2017: 7,696**

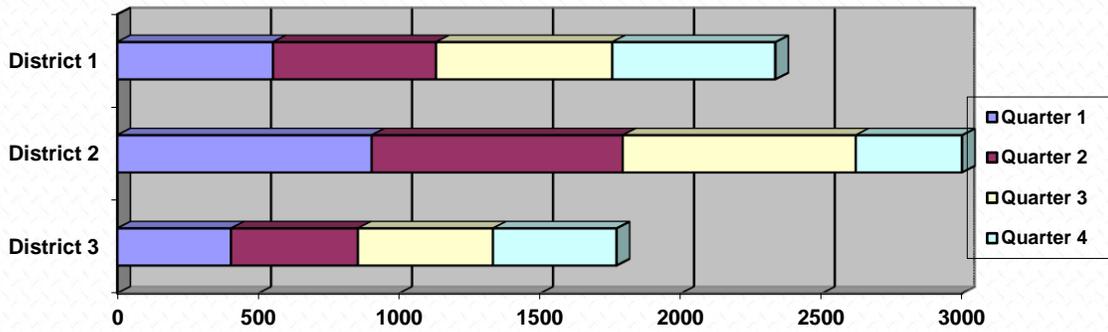
## Medic Unit Response Tally

Medic 501	2,546
Medic 502	2,929
Medic 503	1,985
Medic 504 (Special Events)	2
Walk-Ins	61

## Quarterly Breakdown



## Medic District Breakdown



### District Totals

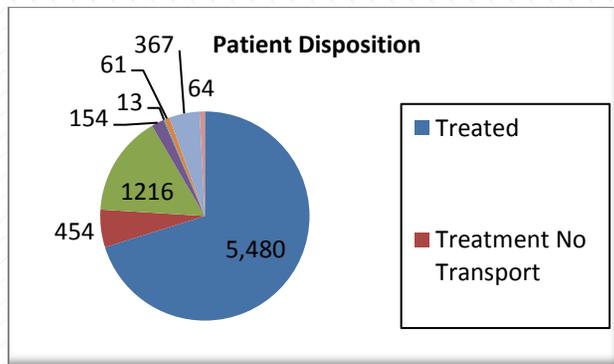
District #1  
2,109

District#2  
3,329

District #3  
1,786

## Patient Treatment and Transport:

The Lancaster Fire Department provided EMS services on 7,696 runs. There were 454 treated but not transported runs, 1,216 patient/guardian refused treatment, 154 did not perform medical care runs, 13 multi-patients refusal runs, 61 DOA, 367 canceled/false alarm/ no patient runs, and 64 transferred care to other service runs. Transports to FMC-ER totaled at 5,480.



Lancaster Medics provided the following treatments in 2017:

- Drugs Administered\* 2,623

\* These are number of instances and may include more than one drug administered in an incident.

## Mutual Aid Responses

The Lancaster Fire Department maintains a strong working relationship with neighboring fire departments which provides all departments assistance in a time of need. To that end, the Lancaster Fire Department implemented its “Run Card System” to provide direction to our fire dispatch center when aid is needed or has been requested. The goal of our run card system is to provide fire and EMS service to our community in a timely manner, with an appropriate resource response, to safely mitigate the emergency.

The Lancaster Fire Department responded to 124 requests for mutual aid from neighboring departments in 2017. According to the Fairfield County Sherriff’s Dispatching Center. Lancaster Fire requested mutual aid into the city limits 235 times in 2017. Of the 235 incoming requests, mutual aid responded to the scene on 198responses; there were 37 incoming mutual aid responses that were canceled en-route.

The mutual aid break down for assistance received is as follows: EMS requests received was 106, and the fire request received was 92 for 2017.

\*note - multiple departments may respond for mutual aid on the same fire run.\*

### Quarterly Mutual Aid Given Responses

	1 <sup>st</sup> Quarter		2 <sup>nd</sup> Quarter		3 <sup>rd</sup> Quarter		4 <sup>th</sup> Quarter	
	Medic	Fire	Medic	Fire	Medic	Fire	Medic	Fire
Amanda Twp. FD	1	1	1	0	0	0	0	0
Berne Twp. FD	1	0	2	2	0	1	3	0
Bloom Twp. FD	0	0	1	0	0	0	0	1
Bremen-Rushcreek FD	1	0	2	0	1	0	2	0
Greenfield Twp. FD	1	2	1	1	3	3	2	5
Hocking Twp. FD	1	0	2	0	2	0	3	3
Junction City FD	0	0	0	0	2	0	0	0
New Lexington FD	0	0	0	0	1	0	2	0
Pleasant Twp. FD	12	5	11	3	9	7	14	5
Richland Twp. FD	0	0	1	0	3	0	0	0

### Quarterly Mutual Aid Received

	1 <sup>st</sup> Quarter		2 <sup>nd</sup> Quarter		3 <sup>rd</sup> Quarter		4 <sup>th</sup> Quarter	
	Medic	Fire	Medic	Fire	Medic	Fire	Medic	Fire
Basil FD	0	0	0	2	0	1	0	4
Greenfield Twp. FD	9	9	10	12	19	11	9	8
Hocking Twp. FD	1	3	4	2	4	0	3	3
Pleasant Twp. FD	8	12	8	8	13	9	18	8

## Fire Prevention and Investigation

The Lancaster Fire Department's Prevention Bureau is responsible for all prevention, and inspection in the city, and shares investigations with the police department. The Prevention Bureau is currently staffed by three inspectors who work 8 hours of their 24 hour shift as an inspector. One inspector is on each crew. The Prevention Bureau also staffs one inspector who works a 40 hour work week. All lieutenants in the department have been trained and certified in fire safety inspections.

### 2017 Prevention Bureau Activities

<b>Investigations:</b>	<b>23</b>
Structure Fires:	11
Vehicle:	3
Other:	4
Non-Fire:	0
Follow-up Investigations:	1
Nuisance/Complaints:	4
<b>Inspections of:</b>	
Commercial:	908
Residential:	90
Institutional:	153
State Required:	45
Assembly:	249
Re-Inspections:	972
<b>Underground Storage Tank Activity:</b>	<b>38</b>
<b>Orders Issued:</b>	<b>1349</b>
<b>Test Inspections:</b>	<b>16</b>
<b>Educational Activity:</b>	<b>27</b>
<b>Permits Inspections:</b>	<b>255</b>
<b>Consultations/Legal:</b>	<b>2</b>
<b>Referrals:</b>	<b>3</b>

## General Fund Reimbursements For Year 2017

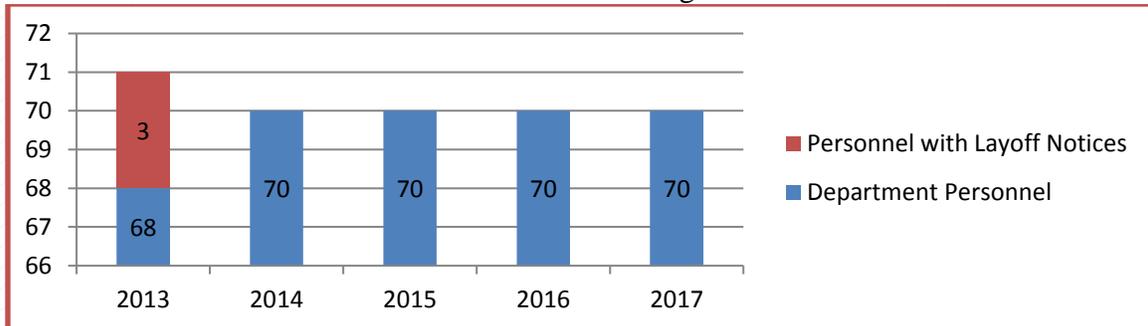
<b>Permits:</b>		
Annual		\$16,600.00
Temporary		\$1,625.00
<b>Photocopies:</b>		\$4.40
<b>Miscellaneous:</b>		
Purchase of Fire Helmet Upon Retirement		\$5.00
CPR Cards & First Aid Cards		\$147.56
4 <sup>th</sup> of July Overtime Reimbursement		\$2,017.72
Fairfield County Common Pleas Court-Restitution Tara Casto		\$42.85
Metal Sold for Scrap		\$28.80
Payment for Uniforms Bough Over Allotted Monies		\$201.61
Donations		\$1,000.00
Purchase of LFD Patches		\$9.45
Rebates		\$180.00
Credit Card Reimbursement		\$33.64
Juvenile Court Restitution		\$50.00
Ohio Dept. of Public Safety 2016-17 Training & Equip. Grant		\$2,750.00
Ohio Dept. of Public Safety 2017-18 Priority One Grant		\$3,025.00
Ohio BWC FF Exposure to Elements Grant		\$12,420.00
<b>Inspection Fees:</b>		
Adoption Inspections		\$150.00
Foster Care Inspections		\$500.00
In Home Daycare Inspections		\$75.00
Day Care Inspections		\$600.00
Re-Inspection Fees		\$100.00
<b>Total:</b>		<b>\$41,566.03</b>

## LFD Fuel Consumption For 2017

<u>Diesel Fuel</u>	<u>Gasoline</u>
15,085.70 Gallons	2,543.90 Gallons

# LFD Personnel Report

5 Year Personnel Staffing Levels



## Personnel Retired

Lt. Michael Jordan 25 Years of Service	March 05, 2017
FFE Doug Hite 25 Years of Service	March 05, 2017
Inspector Gary Krebs 25 Years of Service	March 06, 2017
Lt. Robert Shick 27 Years of Service	May 13, 2017
FFE Dave Fouch 30 Years of Service	August 27, 2017

## New Hires

FFP Jonathan Orr	April 17, 2017
FFP Taylor Smith	April 17, 2017
FFP Corey Richards	May 29, 2017
FFP Teresa Forson	May 29, 2017
FFP Joshua Leasure	December 12, 2017

# **LFD Personnel Report (Cont.)**

## **Promotions**

Shawn Klaameyer was sworn in as a Lieutenant on March 10, 2017.

Craig Spiller was sworn in as Lieutenant on May 13, 2017.

K.J. Watts was sworn in as Captain on December 12, 2017.

James Baker was sworn in as Lieutenant on December 12, 2017.

## **Training Events**

Firefighters participated in numerous training sessions in 2017. The department has been able to provide opportunities for members of the department to meet and exceed education requirements by the state, while being as cost efficient as possible. This year the department has participated in the following classes and events:

- **First Quarter:**

- Stroke Exams
- Ladder Company Operations
- Blue Card Sims
- Active Shooter Webinar
- Fire Streams/Hydraulics
- Inspector – Fuel Stations
- Geriatric Assessment
- Fire Code
- PALS (Pediatric Advanced Life Support)
- Plans Review
- Carbon Dioxide Emergencies
- Respiratory Emergencies
- CPAP
- Death & Dying
- Child Abuse
- Depression
- Low Back Pain
- Pediatric Airway Management
- Meth Labs
- Nausea & Vomiting
- SCBA Tech

## Training Events (Cont.)

- **Second Quarter:**

- HIPPA
- Trauma Review
- First Responder Dementia
- Ohio Trauma Triage
- Blue Card – Sector Boss
- Entanglement Simulator
- Inspector – Occupant Load
- Protocol Review
- Rapid Sequence Intubation
- Fire Tactics
- Inspection Techniques
- Fire Inspector Customer Service
- Building Construction for Fire Inspectors
- NIMS for Fire Inspectors
- Fire Inspector Workplace Violence
- Geriatric Behavioral Emergencies
- Geriatric Assessment
- Hip Injuries
- Engineer Classroom
- RIC/Mayday
- Sudden Cardiac Death
- 12-Leads
- Advanced Airway
- Medical Patient Assessment
- Geriatric Respiratory Emergencies
- Geriatric Poisoning
- EVOC Cone Course
- EVOC Road Course
- Engineer Hands-On
- Incident Command IRR/Follow Up
- Smoke Detector Program In Service
- Hose Evolutions
- Fire Tactics- Night Operations
- Hose Streams & Hydraulics
- Aerial Set Up & Operations
- Stroke Update
- Instructor CE's
- Navigation Webinar
- SOP Reviews
- Overtime Policy Review
- After Action Review – 621Lincoln Ave.

- **Third Quarter:**

- Rescue Medic V3 In Service
- Blue Card
- Portable Radio In Service
- Pump and Hose Evolutions
- EMS Protocol Review
- Standpipe Operations
- Surgical Airways
- Engineer Evolutions
- Adult/Child Abuse & Neglect Reporting
- Blue Card Sims
- Blue Card Communications
- Project Dawn
- APS/CPS in Service
- Rope Rescue
- Mayday Ops

## Training Events Continued

- **Fourth Quarter:**

- Pump Ops
- Stroke Assessment
- Cric Kit In-Service
- Tower 1 Ops
- After Action Review
- FFE School
- EMS Reports/HIPPA
- Drafting Ops
- Rope Rescue
- Blue Card Sims
- Blue Card Communications
- Size Up
- 12-Lead Interpretation
- EMS Documentation
- HIPPA
- Narcotic Review