

# LANCASTER FIRE



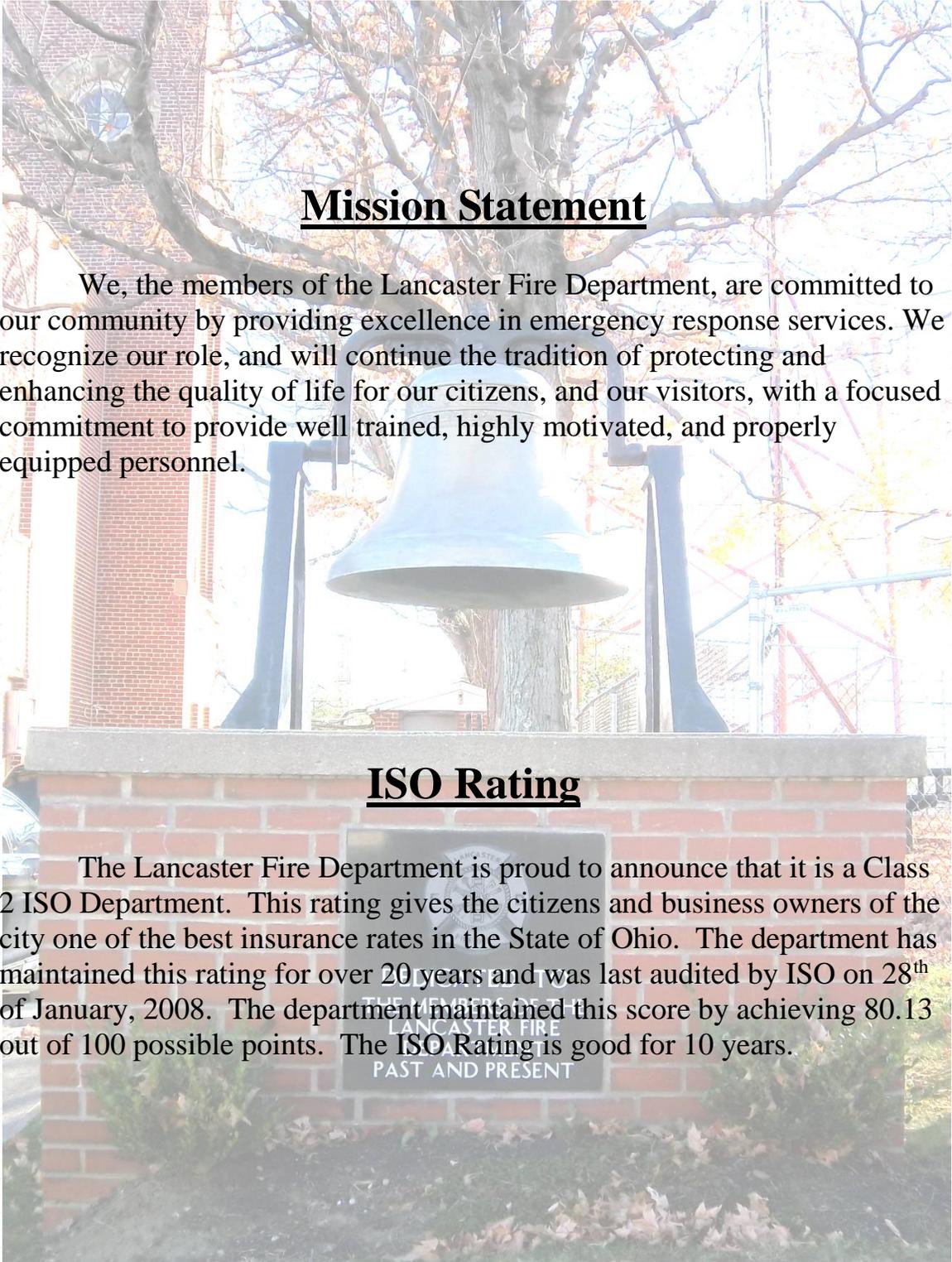
# DEPARTMENT

**2016  
Annual  
Report**

Organized 1893

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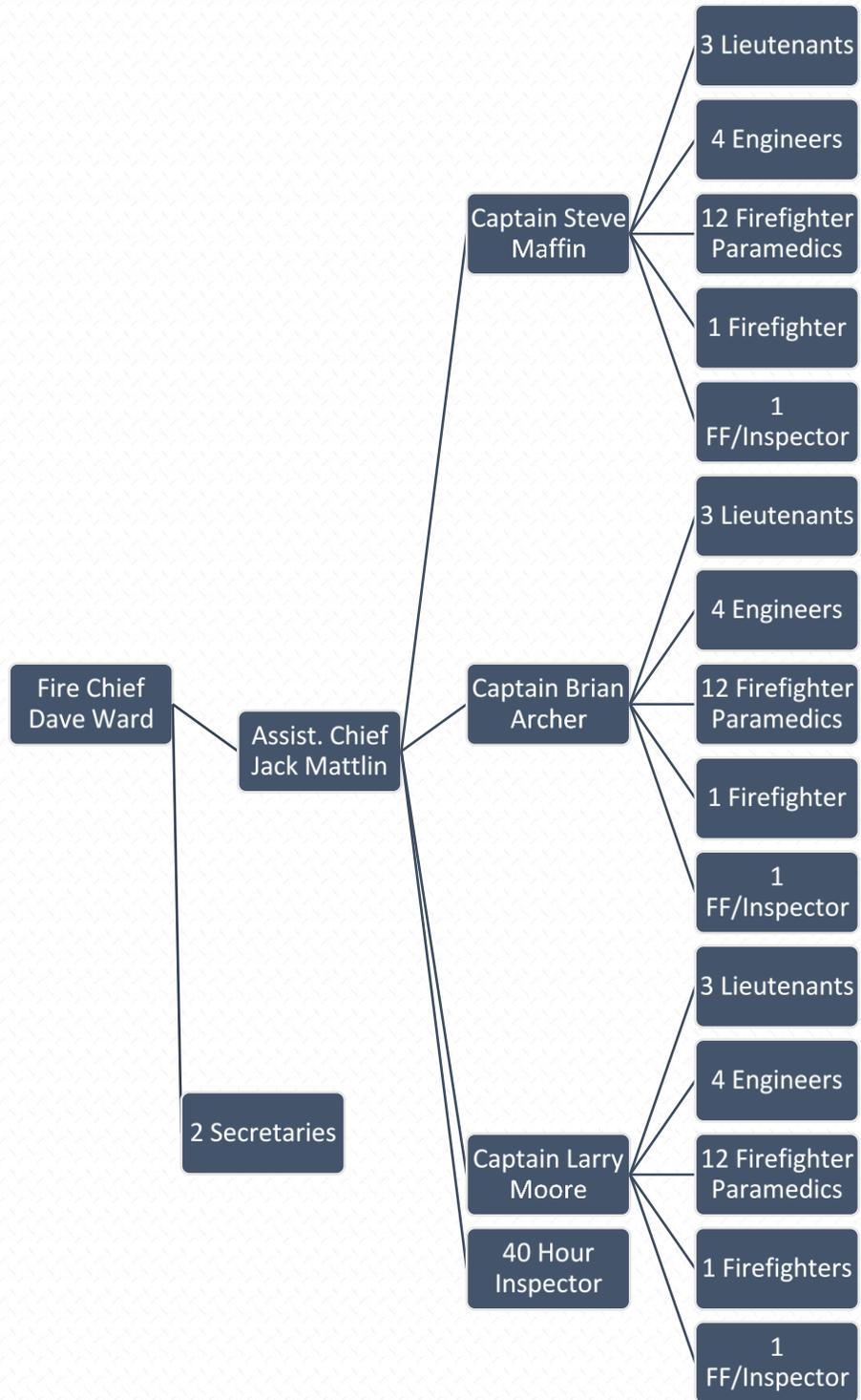
## Mission Statement

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 Fire Prevention**



## Department Vehicles And Mobile Property

### EQUIPMENT

### CONDITION

2016 Horton Medic Unit	Excellent
(2) 2014 Ford Escape (Chiefs' Cars)	Excellent
2013 Horton Medic Unit	Excellent
2013 Rosenbauer Pump Truck	Excellent
2012 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	Good
2002 Dodge Ram 2500 Station Truck	Good
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



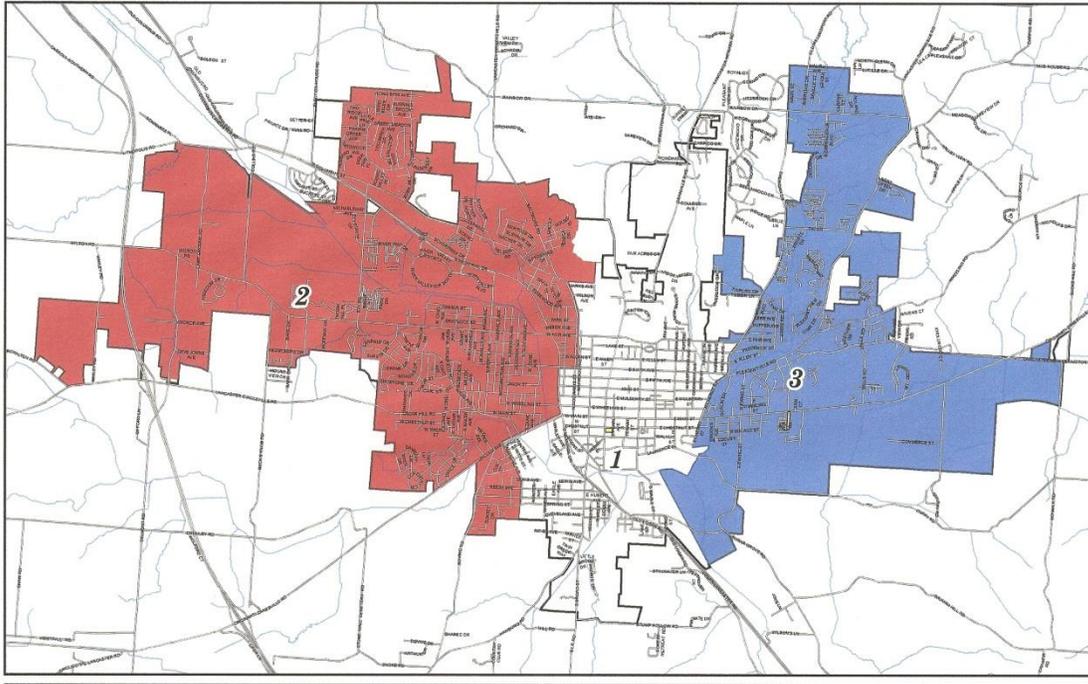
The communication system of the Fire Department consists of the following:

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

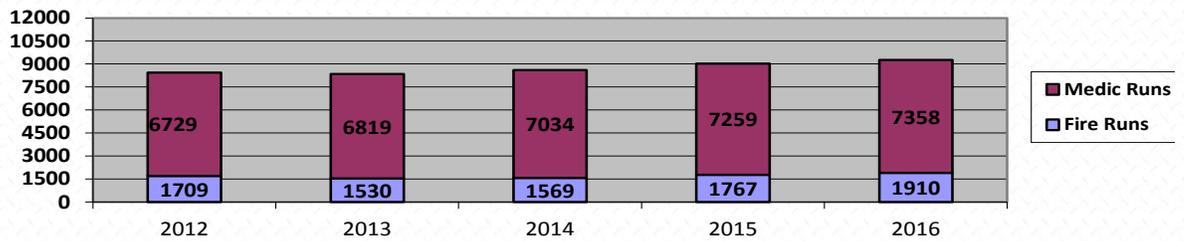
The radio communications system for the Lancaster Fire Department is comprised of three strategically located tower sites capable of transmitting and receiving simulcast transmissions and three sites capable of receiving communications. The system is connected via fiber optic cable. The base stations 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

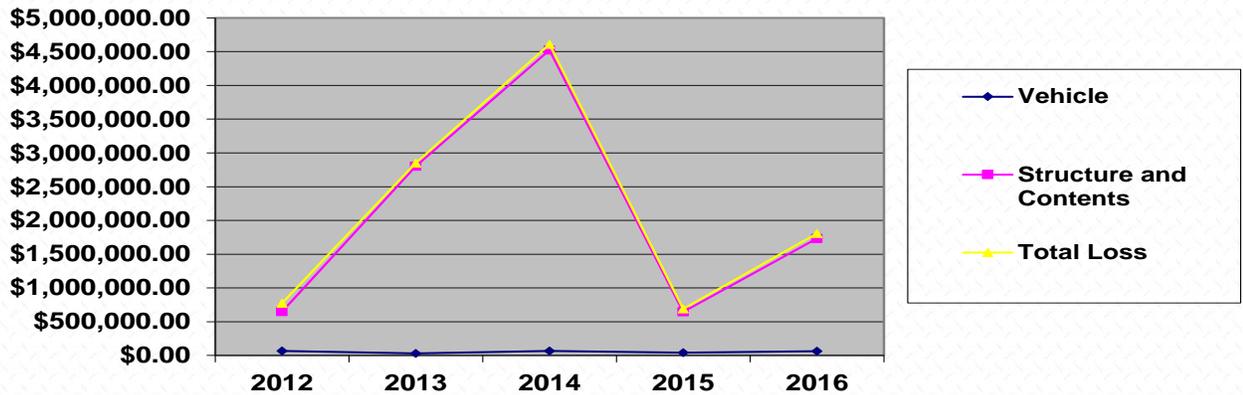


# Engine Response Report

## Average Response Time:

- **District #1** **4:58 min.**
- **District #2** **5:09 min.**
- **District #3** **4:58 min.**
- **Mutual Aid Given** **6:49 min.**

## Five Year Fire Loss:



<u>Year</u>	<u>Structure &amp; Contents</u>	<u>Vehicle</u>	<u>Total Annual Loss*</u>
2016	\$1,733,180	\$65,350	\$1,805,130
2015	\$644,705	\$42,651	\$690,976
2014	\$4,524,545	\$67,325	\$4,606,095
2013	\$2,800,805	\$30,108	\$2,849,033
2012	\$650,995	\$66,300	\$772,345

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

## **Type and Number of Calls**

<b>Fire or Explosion</b>	
Structure:	69
Vehicle:	26
Trees, Brush, Grass or Refuse:	63
Other: <i>(includes Explosion/No fire; outside leak/spill with fire; not classified)</i>	4
<b>Overpressure/Rupture</b>	8
<i>(Steam/Air or Gas Rupture; Overpressure Rupture; Not Classified)</i>	
<b>Rescue Calls</b>	
MVA/Rescue:	260
Engine EMS, Assist: <i>(Rescue Calls; Extrication; Ambulance Assist)</i>	570
Other: <i>(includes Lock-In; Search)</i>	12
<b>Hazardous Condition or Standby</b>	
Spill or Leak:	147
Power Lines or Shorted Electrical Equipment:	88
Other: <i>(Explosive Device Removal; chemical Emergency; Hazardous Condition/ Standby; Excessive Heat)</i>	10
<b>Service Calls:</b>	
<i>(Lock Out; Negative CO Check; Water Evacuation; Smoke/Odor Removal; Assist Police; Unauthorized Burning, ETC.)</i>	
	285
<b>Good Intent Calls:</b>	
<i>(Steam Mistaken for smoke; Controlled Burns; Smoke Scares; ETC)</i>	
	129
<b>False Calls</b>	
Malicious or Bomb Threat:	7
System Malfunction:	104
Unintentional:	121
Other: <i>(Not Classified)</i>	31
<b>Other Situation</b>	
Severe Weather:	1
Not Classified/Undetermined:	7

# Medical Response Report

The Lancaster Fire Department staffed (3) medic units for 2016, 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.

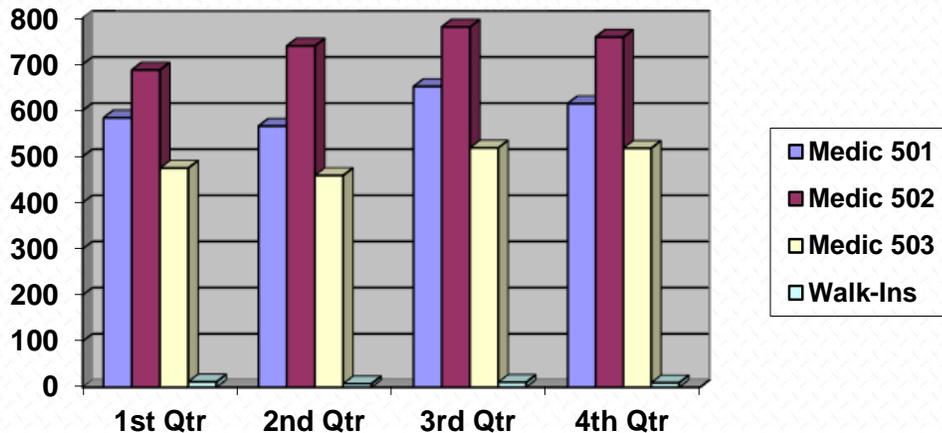
An additional medic unit is held in reserve and is staffed during special events and can be staffed during times of emergency when off duty personnel are called in. Some of the run statistics were handled by this additional unit.

**Total Medical Responses for 2016: 7,358**

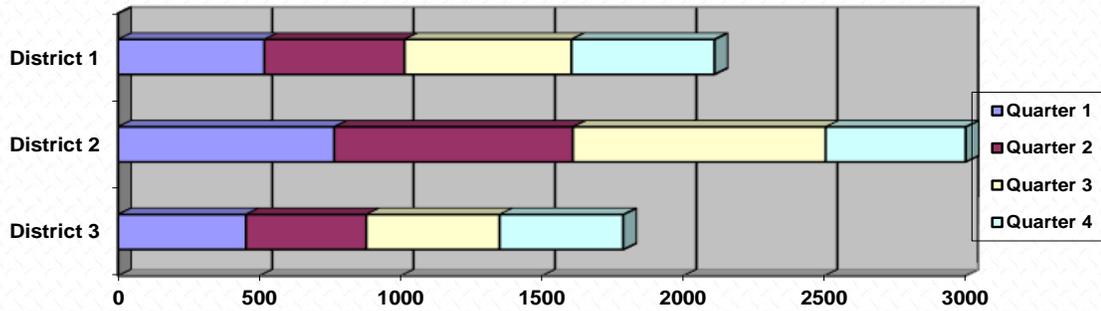
## Medic Unit Response Tally

Medic 501	2,417
Medic 502	2,968
Medic 503	1,971
Medic 504 (Special Events)	3
Walk-Ins	41

## Quarterly Breakdown



## Medic District Breakdown



### District Totals

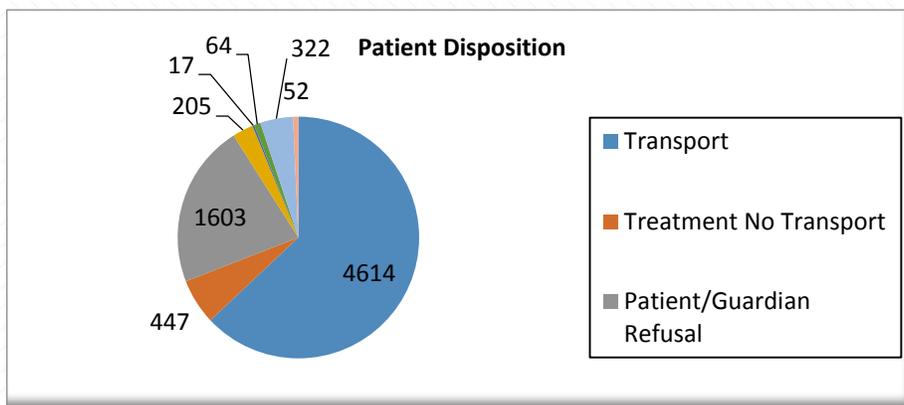
District #1  
2,109

District#2  
3,329

District #3  
1,786

## Patient Treatment and Transport:

The Lancaster Fire Department provided EMS services on 7,324 runs. There were 447 treated but not transported runs, 1,603 patient/guardian refused treatment, 205 did not perform medical care runs, 17 multi-patients refusal runs, 64 DOA, 322 canceled/false alarm/ no patient runs, and 52 transferred care to other service runs. Transports to FMC-ER totaled at 4,614.



Lancaster Medics provided the following treatments in 2016:

- Intravenous Fluids 1,536
- Drugs Administered\* 2,039

\* 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 115 requests for mutual aid from neighboring departments in 2016. According to the Fairfield County Sherriff’s Dispatching Center. Lancaster Fire requested mutual aid into the city limits 218 times in 2016. Of the 218 incoming requests, mutual aid responded to the scene on 174 responses; there were 44 incoming mutual aid responses that were canceled en-route.

The mutual aid break down for assistance received is as follows: EMS requests received was 82, and the fire request received was 92 for 2016.

\*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	0	0	0	0	0	0	1	1
Berne Twp. FD	1	1	1	0	2	2	3	1
Bremen-Rushcreek FD	0	0	1	1	0	0	0	0
Bloom Twp. FD	0	0	0	1	0	0	0	0
Greenfield Twp. FD	4	3	3	2	6	0	8	4
Hocking Twp. FD	2	0	4	1	2	0	2	0
Junction City FD	1	0	0	0	0	0	2	0
Pleasant Twp. FD	4	2	8	4	9	5	8	8
Richland Twp. FD	0	0	0	1	0	2	1	0
Somerset FD	0	0	1	0	0	0	0	0
Thurston-Walnut FD	0	0	0	1	0	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
Amanda Twp. FD	0	0	0	0	0	2	0	0
Basil FD	1	1	0	1	0	1	0	0
Berne Twp. FD	0	0	1	1	0	1	0	1
Bremen Twp. FD	0	0	0	0	0	2	0	0
Greenfield Twp. FD	6	10	8	11	12	9	9	7
Hocking Twp. FD	4	2	4	2	6	5	1	4
Pleasant Twp. FD	5	10	8	10	11	5	6	6
Violet Twp. FD	0	0	0	1	0	0	0	0

# Fire Prevention and Investigation

The Lancaster Fire Department's Fire Prevention Bureau is responsible for all prevention and inspections in the city, and shares arson 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.

## 2016 Prevention Bureau Activities

<b>Investigations:</b>	<b>27</b>
Structure Fires:	15
Vehicle:	0
Other:	4
Non-Fire:	0
Follow Up Investigations:	3
Nuisance/Complaints:	5
<b>Inspections of:</b>	
Commercial:	923
Residential:	81
Institutional:	116
State Required:	46
Assembly:	263
Re-Inspections:	799
<b>Underground Storage Tank Activity:</b>	<b>46</b>
<b>Orders Issued:</b>	<b>1,078</b>
<b>Test Inspections:</b>	<b>8</b>
<b>Educational Activity:</b>	<b>32</b>
<b>Permits Inspections:</b>	<b>269</b>
<b>Consultations/Legal:</b>	<b>2</b>
<b>Referrals:</b>	<b>5</b>

**General Fund Reimbursements**  
**For Year 2016**

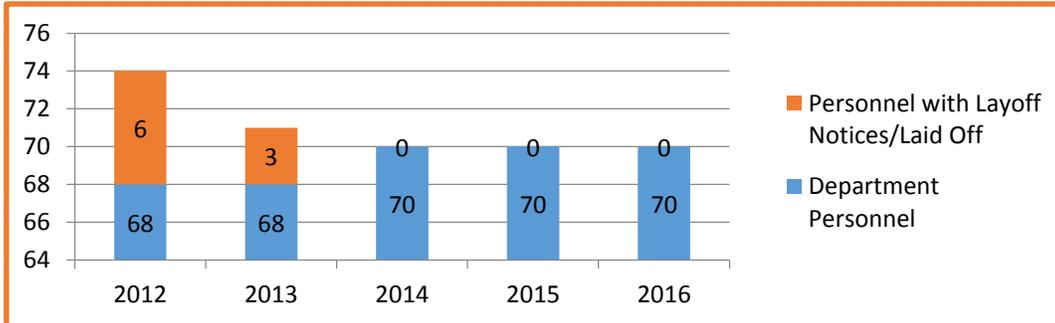
<b>Permits:</b>	
Annual	\$17,275.00
Temporary	\$2,650.00
<b>Photocopies:</b>	
	\$39.60
<b>Miscellaneous:</b>	
Purchase of Fire Helmet Upon Retirement	\$1.00
CPR Cards & First Aid Cards	\$367.44
4 <sup>th</sup> of July Overtime Reimbursement	\$2,016.36
Fairfield County Common Pleas Court-Restitution Tara Casto	\$121.18
Donations to Kid's Fire Safety Education	\$1,730.00
Juror Duty Reimb. For Insp. Hatch & FFE Baker	\$20.00
Insurance Payment From Tower Accident 2/16/2016	\$15,422.46
Refund of Older Copier Lease	\$276.38
2015-2016 EMS Training and Equipment Reimb. Grant	\$3,500.00
<b>Inspection Fees:</b>	
Adoption Inspections	\$250.00
Foster Care Inspections	\$200.00
In Home Daycare Inspections	\$50.00
Day Care Inspections	\$600.00
Re-Inspection Fees	\$0.00
<b>Total:</b>	<b>\$44,519.42</b>

**LFD Fuel Consumption**  
**For 2016**

<b><u>Diesel Fuel</u></b>	<b><u>Gasoline</u></b>
13,327.80 Gallons	2,287.80 Gallons

# LFD Personnel Report

5 Year Personnel Staffing Levels



## Personnel Retired

FFE Billy Squires  
25 Years of Service

April 04, 2016

FFE Mathew Dawson  
24 Years of Service

July 03, 2016

## New Hires

FFP Kevin Miller

September 05, 2016

FFP Matthew Lugar

September 12, 2016

FFP Jonathon Breunig

September 12, 2016

FF Clay Doles

December 21, 2016

# Training Events

Firefighters participated in numerous training sessions in 2016. The department provides 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:**

- Lucas Device In-Service
- IO Infusion
- Intro to Capnography
- Intro to Neurology
- Kinematics of Trauma
- Overdoses
- Hypothermia
- Building Construction
- Management of Bradycardia
- Large Incident Medical Staffing
- Methamphetamine Use
- Workplace Harassment
- Review of Rescue 42 Equipment
- Ice Rescue
- ACLS
- Blue Card
- Pediatric Assessment
- Nausea & Vomiting
- Traumatic Brain Injuries
- Pump Operations
- Code of Conduct Review
- New Driver
- CPR Devices
- G508 Operations
- EMS Protocol Update/New Medication
- Aerial Operations
- Quarterly Airway
- Relay Pumping
- After Action Review of Structure Fire

- **Second Quarter:**

- Blue Card Sims
- Crew Air Management Training
- Stroke Assessment
- Foam Operations
- After Action Review
- OFIRS Update by State Fire Marshal
- Blue Card Train the Trainer
- Adult Protective Services Update
- CPR Refreshers
- Bed Bug Awareness
- Ohio Health Preceptor Training

## Training Events (Cont.)

- **Third Quarter:**

- After Action Review of Fire @ 621 Lincoln Ave.
- Blue Card
- Emergency Vehicle Driving (Classroom)
- Emergency Vehicle Driving (Road Course)
- Pig Pluck Lab
- Autopulse In-Service
- After Action Review of Fire @ 961 Reese Ave.
- Pump Operations
- Aerial Operations
- Children With Special Needs
- Protocol Updates
- EMS Roles for Child Abuse
- Pharmacology for ALS
- C-Spine for Athletes (Part 1)
- C-Spine for Athletes (Part 2)
- Forcible Entry Metal Doors
- Forcible Entry Wood Doors
- Fire Prevention and Public Education
- What Your Meter is Telling You
- Blue Card Sims
- Tower Operations
- Traction Splint Review
- Inspector Building Systems
- OB Kit Review
- Blue Card Mayday
- Musculoskeletal Injuries
- Blue Card Night Drills (K-Mart)
- Alternative Fueled Vehicles
- Airway In-Service (Gum Boogie)

- **Fourth Quarter:**

- Multi-Unit Residential Simulations
- Airway Management
- SMART Triage
- Blue Card Incident Action Plans
- 12-Lead Interpretation
- Leading Groups
- Centrelearn