



2020
LFD
ANNUAL
REPORT

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MISSION STATEMENT

We, the members of 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.

VISION STATEMENT

The Lancaster Fire Department aims to be the premier all-hazards emergency response department in south central Ohio. Through integrity, professional development, stewardship and compassion, our department will be set on a predictable and sustainable course for the future.

VALUE STATEMENT

1. We recognize the citizens are the reason for our presence.
2. We value the trust the citizens place in us, and we will continually strive to build upon trust by having a positive attitude, professional conduct and providing value added service.
3. We value lives more than property.
4. Everyone deserves our best.





- 1 - Chief
- 1 - Asst. Chief
- 1 - Administrative Asst.
- 4 - Captains
- 9 - Lieutenants
- 53 - Firefighter/Paramedics
- 3 - Inspectors/Firefighters
- 1 - 40-Hr. Inspector



ASST. CHIEF SLADE
SCHULTZ



CHIEF STEVE
MAFFIN



CAPT. SHAWN
KLAAMEYER



CAPT. GEORGE
BANJOFF



CAPT. CRAIG
SPILLER



CAPT. LARRY
MOORE



LT. JOSH HARRIS



LT. COREY SNOKE



LT. BRIAN MCQUEARY



LT. MIKE LONG



LT. ERIC SIMPSON



LT. CHRIS WICKISER



LT. JAMES BAKER



LT. JEREMY KRANER



LT. DAVE JENKINS

LFD ORGANIZATION



Engine House No.1
254 E. Chestnut St.

Constructed: 1898

Frontline Apparatus: Tower 1, Medic 1, Battalion 1, Medic 4



Engine House No. 2
601 Harrison Ave.

Constructed: 1957

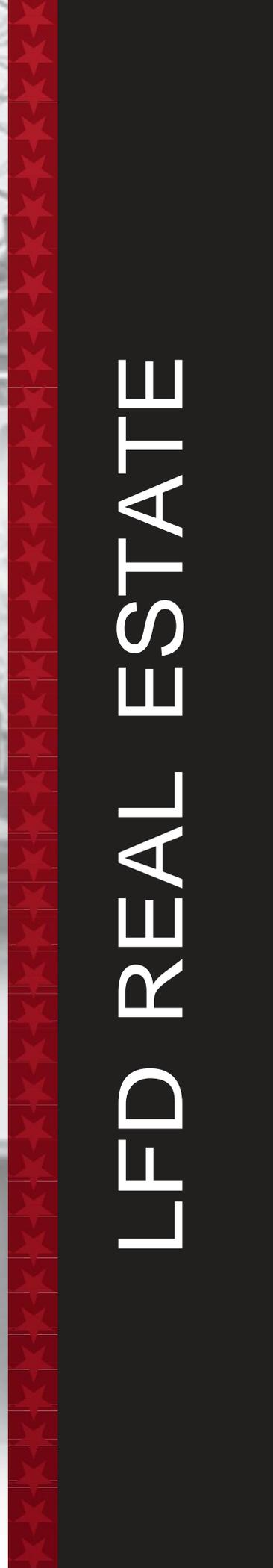
Frontline Apparatus: Engine 2, Medic 2, Grass 2



Engine House No. 3
1596 E. Main St.

Constructed: 1966

Frontline Apparatus: Engine 3, Medic 3, FP-1
Houses Administration and Prevention/Investigation



LFD REAL ESTATE

FRONTLINE APPARATUS

ENGINE HOUSE NO. 1

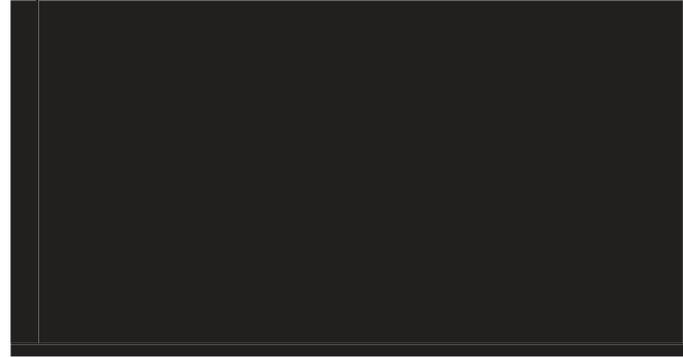
Tower 1: 2006 Sutphen SPH 100'
 Medic 1: 2016 Horton
 BN-1: 2022 Ford Explorer
 Medic 4: 2008 Horton

ENGINE HOUSE NO. 2

Engine 2: 2020 Rosenbauer
 Medic 2: 2019 Horton
 Grass 2: 2022 Ford F-350

ENGINE HOUSE NO. 3

Engine 3: 2013 Rosenbauer
 Medic 3: 2013 Horton
 FP-1: 2012 Ford Escape



RESERVE/STAFF EQUIPMENT

EQUIPMENT	CONDITION
2014 Ford Escape (2) – Chief’s & EMS Captain’s Cars	Excellent
2019 Ford Explorer – Chief’s Car... ..	Excellent
2010 Horton Medic	Fair
1994 Scotty Safety House	Fair
2012 Rosenbauer	Good
2020 Ford 250.....	Excellent
2008 Chevrolet Tahoe	Fair

2022 FUEL CONSUMPTION

DIESEL FUEL (IN GALLONS)	15,600.69
GASOLINE (IN GALLONS).....	2651.34

LFD COMMUNICATIONS

The Lancaster Fire Department uses a robust, APCO P25 digital and analog communication system which is proprietary to the City of Lancaster. The 911 Dispatch Center is located in the Lancaster Police Department headquarters where communication technicians' field 911 calls for service. There are three (3) operational channels the fire department operates on: Dispatch, Fire Ground, and Back Up. Fire department apparatus are equipped with mobile radios and each on duty member is assigned a portable radio for communications.



Fire Department Staffing

Frontline Staff: The Lancaster Fire Department's frontline response vehicles are staffed with a minimum of 16 personnel, 24 hours a day, 7 days a week, 365 days a year. Below is the minimal staffing model for 2022.

Engine House No. 1

- Medic 1 Staffed with three (3) personnel
- BN-1 Staffed by the Shift Captain
- Medic 1 Staffed with three (3) personnel
- Medic 4/Tower 1 Cross-staffed with three (3) personnel

Engine House No. 2

- Medic 2 Staffed with three (3) personnel
- Engine 2/Grass 2 Staffed with three (3) personnel

Engine House No. 3

- Medic 3 Staffed with three (3) personnel
- Engine 3 Staffed with three (3) personnel

16 MINIMUM

Support/Administrative Staff: The Lancaster Fire Department staffs support vehicles during normal business hours and are available for call in for an emergency.

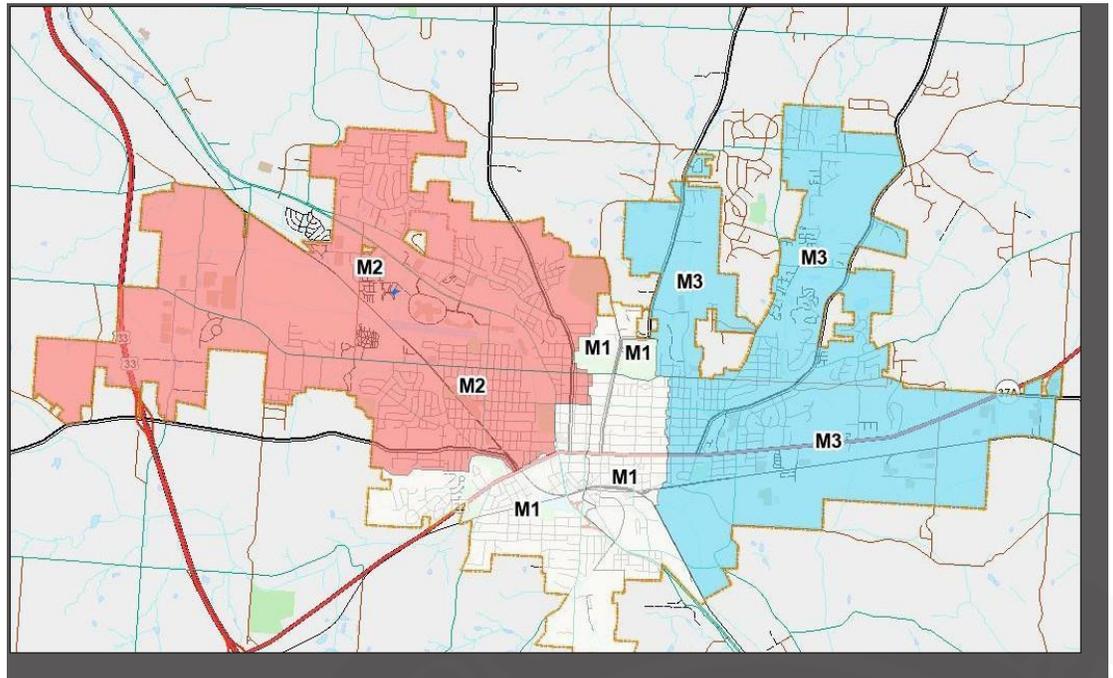
- FP-1 Staffed with one (1) Inspector
- EMS 1 Staffed by the EMS Captain
- Unit 1 Staffed by the Chief
- Unit 2 Staffed by the Assistant Chief

COMMUNICATIONS

Response Districts

The Lancaster Fire Department separates the 18 square miles of jurisdiction into three (3) response districts; Central (1), West (2), and East (3). The districts have been created as a result of response times, access, and run volume. The map below is a representation of those districts.

West: Red
 Central: White
 East: Blue



2022 TOTAL CALLS BY DISTRICT

WESTSIDE.....	4455
EASTSIDE	3144
CENTRAL	2459
MUTUAL AID	192
Total	10,250

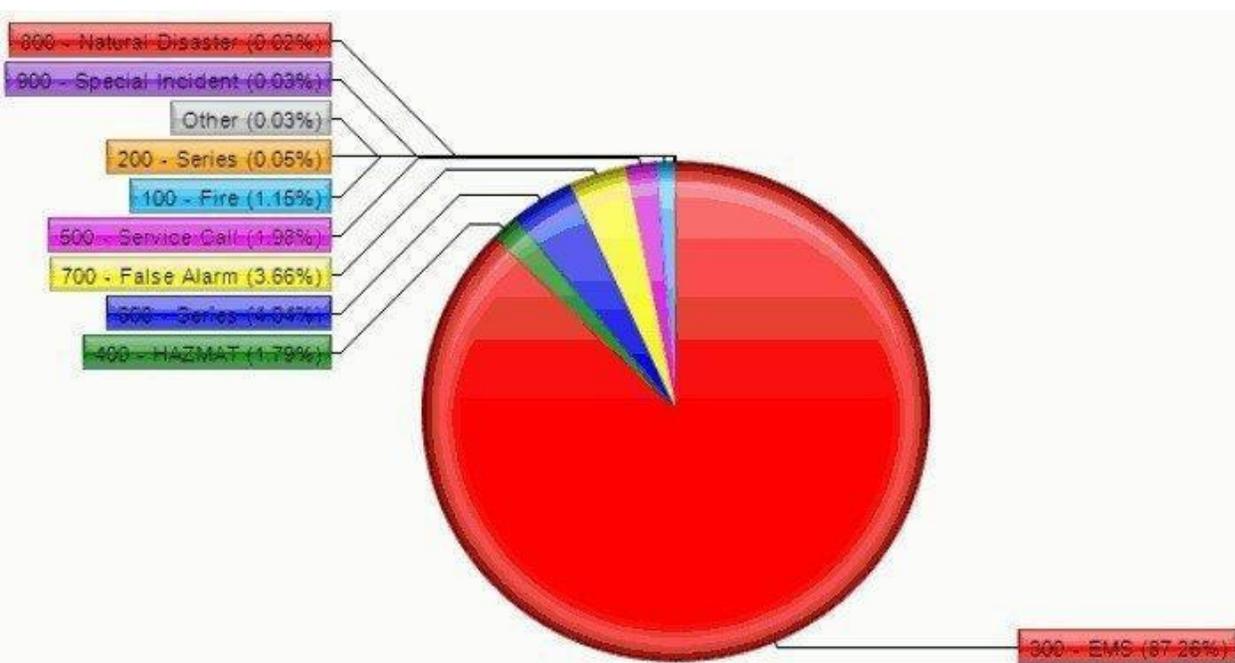
2022 TOTAL INCIDENTS

In 2018, Lancaster Fire Department changed reporting software in order to gain a better perspective of the total number of incidents and types of incidents. The incidents are broken down into five (5) categories. These categories correspond with NFIRS (National Fire Incident Reporting System). All incidents are reported to this national database through the State of Ohio Fire Marshal's office.

Total Incidents: 10,250 EMS: 8,944 FIRE: 1,306

Incident Type Breakdown:

EMS/Rescue:	8,450
Fire:	118
Hazard:	533
Service Calls:	203
False Alarms:	275



2022 TOTAL INCIDENTS BY QUARTER

1st Quarter Total: 2,435

Fire: 27
 EMS: 2,115
 Hazard: 145
 Service Call: 57
 False Alarm: 91

2nd Quarter Total: 2,610

Fire: 30
 EMS: 2,297
 Hazard: 159
 Service Call: 49
 False Alarm: 75

3rd Quarter Total: 2,589

Fire: 39
 EMS: 2,251
 Hazard: 165
 Service Call: 38
 False Alarm: 96

4th Quarter Total: 2,616

Fire: 22
 EMS: 2,281
 Hazard: 141
 Service Call: 59
 False Alarm: 113

2022 TOTAL INCIDENTS



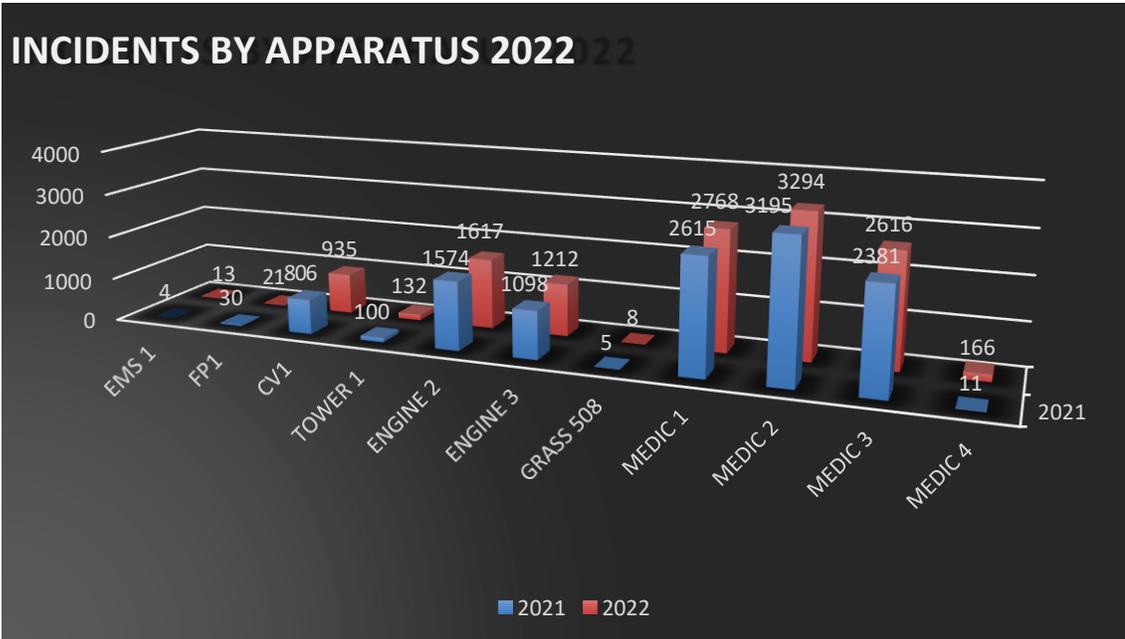
Top 20 Property Breakdown Responses

1 or 2 family dwelling	4,810
Multifamily dwelling.....	1,936
24-hour care Nursing homes, 4 or more persons	983
Residential street, road or residential driveway	240
Street or road in commercial area	176
Clinics, doctor offices, hemodialysis centers, other.....	136
Jail, prison (not juvenile)	126
Restaurant or cafeteria	112
Vehicle parking area	108
Doctor, dentist, or oral surgeon office	95
Mercantile, business, other.....	87
Hotel/motel, commercial	78
Manufacturing, processing.....	78
Food and beverage sales, grocery store	72
Boarding/rooming house, residential hotels	72
Street Other.....	68
Service station/gas station	68
Residential board and care.....	62
Business office.....	48
Church, mosque, synagogue, temple, chapel... ..	45

2022 INCIDENTS BY UNIT

Below is a bar graph of the number of incidents each unit responded to in 2022. It is important to understand that this number is higher than the total incidents in 2020. This is because many times, more than one unit responds to a single incident. Tower 1 is cross staffed by the same personnel as Medic 1. When one of those units are on an incident, the other is out of service.

*FP-1 is a support staff unit staffed by one inspector, 7am – 3pm, Monday through Saturday. It only responds when requested by the Shift Captain.



INCIDENTS BY UNIT

2022 EMS Incidents by complaint

People call 911 for many reasons. During our assessment, we engage the situation and determine the patient’s medical complaint. Below are the 20 most common complaints given to EMS upon our arrival.

20 Most Common Calls for EMS in 2022:

Primary Impression	Number of Calls
No Complaints or Injury/Illness Noted.....	834
Generalized Weakness.....	649
Injury	635
Chest Pain / Discomfort	434
Abdominal Pain	424
Shortness of Breath.....	395
Extremity Pain	384
Patient Assist Only.....	267
Anxiety reaction/Emotional upset	262
Altered Mental Status	252
Back Pain	252
Syncope/Fainting	217
Pain (Non-traumatic).....	200
Convulsions	198
Dizziness	182
Laceration/Abrasion/Hematoma(minor surface trauma).....	180
Malaise	157
Acute Respiratory Distress (Dyspnea).....	137
Nausea.....	137
Headache	135

2022 EMS Incidents by Disposition

The disposition of a call is also referred to as the outcome. The list below details the end result of all EMS calls in 2022.

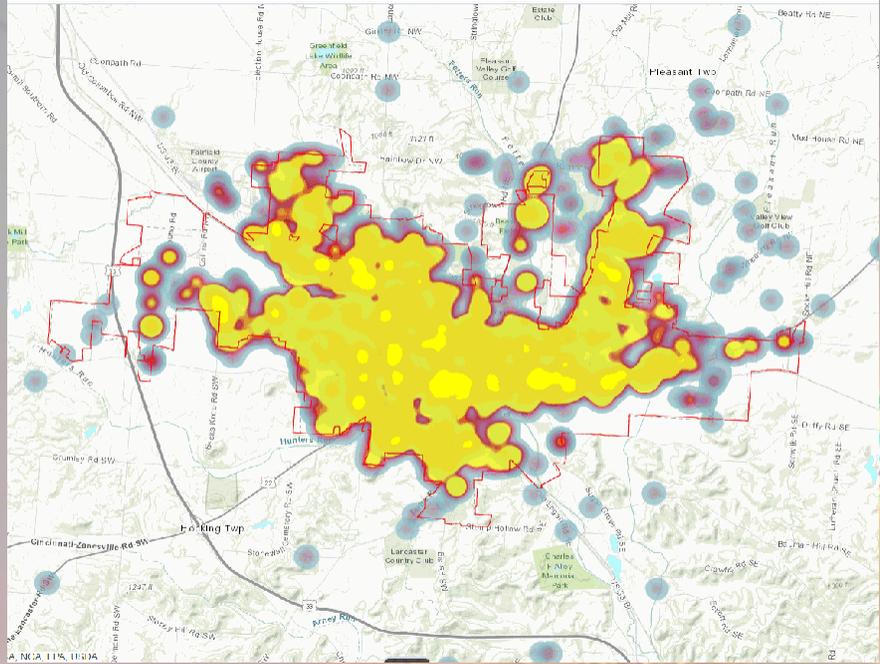
Disposition	Number of Calls
Transported No Lights/Siren	5361
Patient Evaluated, No Treatment/Transport Required	1570
Patient Treated/Released (AMA)	531
Patient Refused Evaluation/Care(Without Transport).....	492
Patient Treated, Released (Per Protocol)	293
Transported Lights/Siren.....	264
Cancelled on Scene/No Patient Found.....	181
Cancelled (No Patient Contact)	170
Cancelled (Prior to Arrival at Scene)	119
Patient Dead on Scene – No Resuscitation Attempted (Without Transport)	83
Patient Treated, Transferred Care to Another EMS Professional/Unit.....	57
Patient Treated, Transported by Private Vehicle	27
Patient Treated, Transported by Law Enforcement.....	23
Patient Dead on Scene – Resuscitation Attempted (Without Transport).....	13
Standby - Public Safety, Fire, or EMS Operational Support Provided	3
Assist, Agency.....	3

Administered There are about 30 medications Lancaster Fire Paramedics can give to patients that result in treating pain, helping the patient feel comfortable, and saving their life. Patients may require multiple doses of a medication. Below is a breakdown of the name of the medication and how many times it was given in 2022.

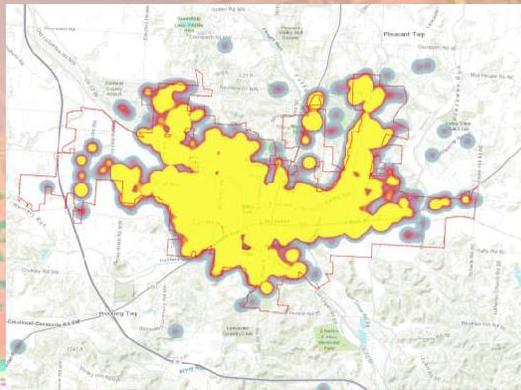
Treatment Name	Total Doses: 2,950
Adenosine	13
Afrin	18
Albuterol	274
Amiodarone.....	25
Aspirin	300
Atropine.....	22
Atrovent.....	265
Benadryl.....	13
Decadron.....	184
Dextrose 10%.....	64
Epinephrine 1:1.....	7
Epinephrine 1:10.....	174
Epinephrine Infusion.....	12
Fentanyl	182
Glucagon	14
Ibuprofen	5
Ketamine	69
Lidocaine	3
Narcan.....	171
Nitro Paste.....	268
Nitro Spray	300
Oral Glucose	34
Other - Medication	1
Saline	54
Sodium Bicarb 8.4%	25
Sterile Water	1
Succinylcholine	42
Tranexamic Acid (TXA).....	3
Versed	73
Zofran.....	334

2022 INCIDENT MAPS

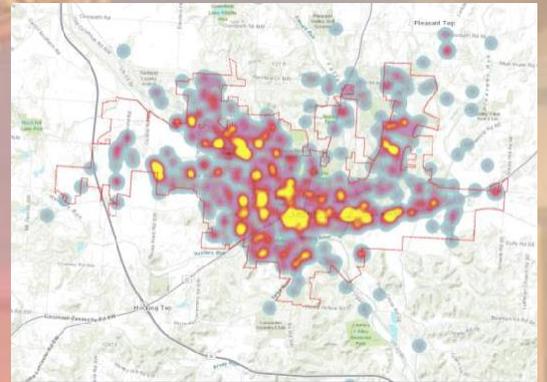
2022 ALL INCIDENTS HEAT MAP



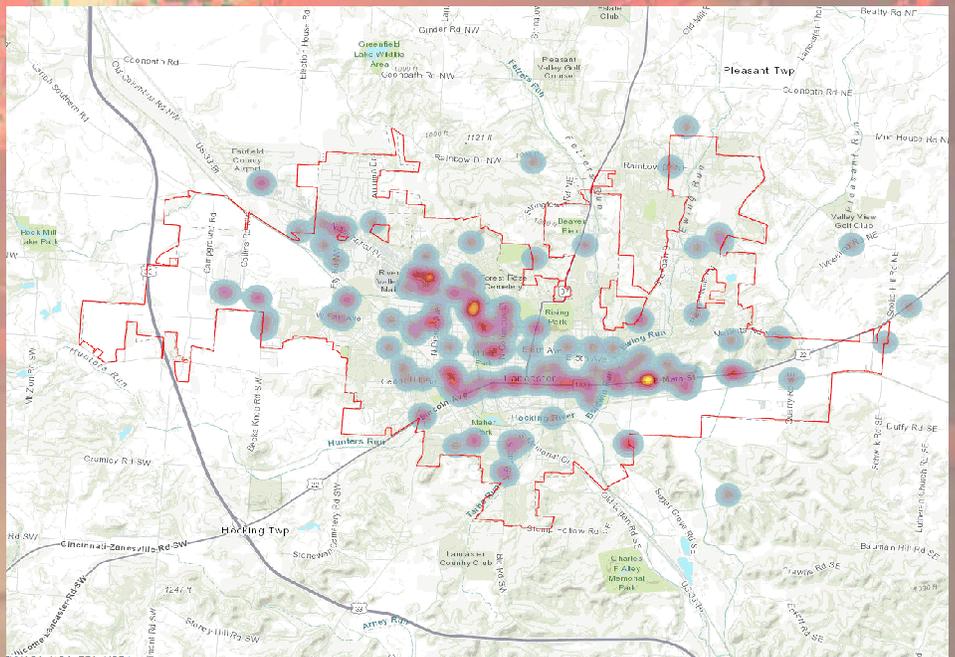
EMS HEAT MAP



FIRE HEAT MAP



2022 MVA HEAT MAP



FIRE INCIDENTS BREAKDOWN BY TYPE AND NUMBER

20 Most Common Calls for FIRE in 2022:

<u>Incident Type</u>	<u>Number of Calls</u>
Unintentional system/detector operation (no fire)	260
Dispatched and cancelled en route	207
HazMat release investigation w/no HazMat	110
System or detector malfunction.....	94
Electrical wiring/equipment problem	90
Combustible/flammable spills & leaks	75
Unauthorized burning	72
Wrong location, no emergency found.....	66
Structure fire	54
Smoke/Odor problem.....	44
Water problem	39
Public service assistance.....	35
Steam, other gas mistaken for smoke	27
Natural vegetation fire	21
Outside rubbish fire	19
Mobile property (vehicle) fire	16
Extrication, rescue	15
Chemical release, reaction, or toxic condition	15
False alarm and false call, other	11
Medical assist.....	10

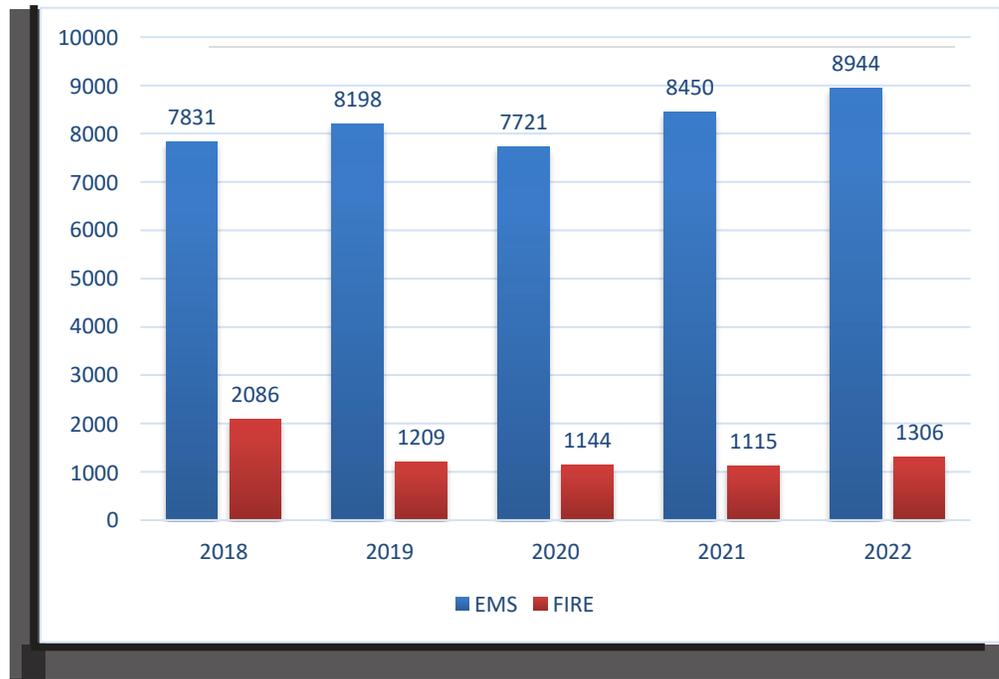
2022 ESTIMATED FIRE LOSS

Estimated Property Loss Fires				
Structure Fires	Estimated Property Loss	Civilian Casualty	Civilian Death	Total Incident
Residential - Private Dwelling	\$511,130.00	6	0	31
Residential - Apartments	\$808,865.00	2	0	17
Residential - Other		0	0	0
Public Assembly		0	0	0
Schools & Colleges		0	0	0
Stores and Offices	\$300.00	0	0	3
Industry, Utility, Defense, Lab		0	0	0
Storage Structures	\$35,000.00	0	0	2
Other Structures		0	0	1
Total Fire Loss:	\$1,355,295.00			54

5 YEAR TOTAL INCIDENT PERSPECTIVE

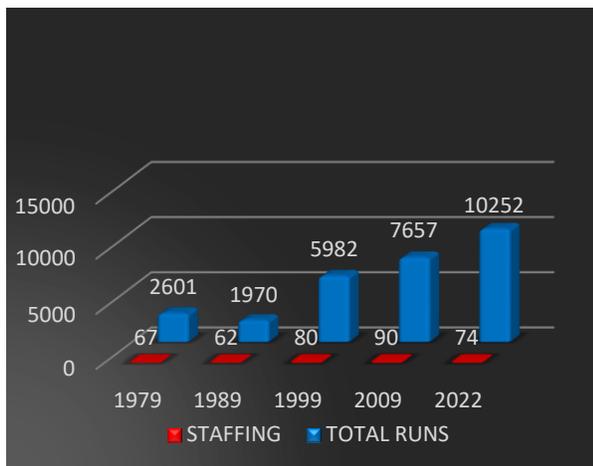
TOTAL INCIDENT PERSPECTIVE 2018-2022

As it appears in this bar graph, it would seem that fire incidents were dramatically reduced in 2021. It is important to understand that in November of 2018, the fire department changed reporting software. Prior to November 2018 the department used separate software for EMS and Fire incidents. Now, we use one software program for all incidents. With the previous software, any incident, that required the response of at least one medic and one engine would create an incident for the engine and the medic separately. With the current software, there is only one incident number created.



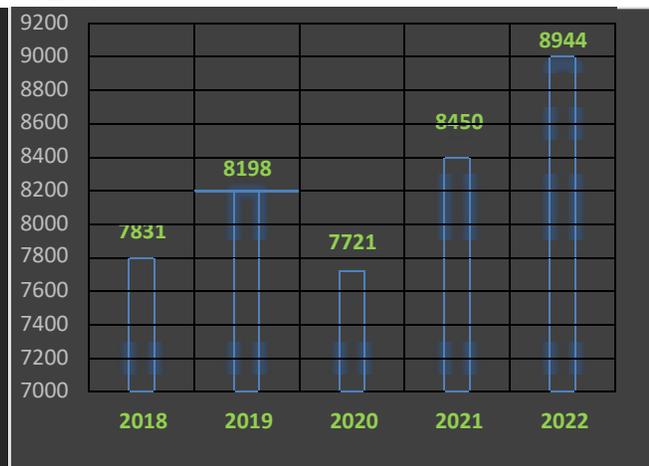
HISTORICAL PERSPECTIVE 1979-2022

Lancaster Fire Department
STAFFING



EMS INCIDENT PERSPECTIVE 2018-2022

There has been an **14.2% INCREASE** IN MEDICAL INCIDENTS OVER PAST FIVE YEARS.



2022 MUTUAL AID REPORT

In 2022, Lancaster Fire Department requested mutual aid from fire departments outside the City. In addition, these departments also requested assistance from Lancaster Fire Department. The chart below breaks it down by jurisdiction and Fire or EMS assistance.

Jurisdiction	Mutual Aid TO LFD		Mutual Aid FROM LFD	
	Fire	EMS	Fire	EMS
Amanda Twp.	0	0	3	0
Basil Joint Fire District	7	4	1	0
Berne Twp.	6	3	4	6
Bloom Twp.	1	1	2	2
Bremen-Rushcreek Twp.	0	1	1	1
Clearcreek Twp.	0	0	0	0
Greenfield Twp.	9	11	10	23
Hocking Twp.	3	6	1	12
Junction City & New Lexington	0	0	0	0
Pleasant Twp.	14	16	19	23
Richland Twp.	0	2	0	0
Thurston-Walnut Twp.	0	0	0	0
Violet Twp.	0	0	0	0
Total:	40	44	41	67
Grand Total:	84		108	



2022 MUTUAL AID

2022 INSPECTION INVESTIGATIONS

2022 FIRE INSPECTIONS

Inspection Type	Amount
Annual Inspection - Basic	591
Annual Inspection - Alarm &/or Sprinkler	170
Inspection - Mobile Food Vendor	96
Annual Inspections - Vacant	81
Inspections - Other	35
Inspection - Foster Care/ Adoption	10
Inspection - School (K-12)	13
Inspection - Day-care	8
Permit Inspections – All Types	265
Church (No Permit)	8
Inspection - Complaint Follow-Up	0
Inspection: Fire Protection Only	0
Re-Inspections	1063
TOTAL:	2340

2022 FIRE INVESTIGATIONS

Inspection Type	Amount
Structure Fire	18
Vehicle Fire	3
Other	8
TOTAL:	29

2022 PERMITS

Inspection Type	Amount
Permit Inspection – Explosives and Fireworks	4
Permit Inspection – Compressed Gases	1
Permit Inspection - Cutting & Welding	8
Permit Inspection - Dry Cleaning	1
Permit Inspection - Flammable & Combustible	7
Permit Inspection – Temporary Membrane Structure	4
Permit Inspection - LP Gas	3
Permit Inspection - Lumber Yards	4
Permit Inspection - Places of Assembly	128
Permit Inspection - Repair Garages & Motor Fuel Dispensing	106
Permit Inspection - Rooftop Heliport	1
Permit Inspection - Spraying or Dipping	1
Permit Inspection - UST Repair Inspection	5
Permit Inspection - Waste Handling	2
TOTAL:	275

2022 DEPARTMENT TRAINING:

Fire

Hose Deployment
Blue Card
Pump Operations
Mayday
VEIS
Air Bag Operations
Rescue Tool Operations
Harassment
SOP/Policy Review
Flir Thermal Imager
Ladder Operations
Drafting Operations
Rope Rescue Refresher
Class A and B Foam
Haz Mat Refresher
Holmatro Tool In-Service
Standpipe Operations
Ice Rescue
Fire Safety Inspector
PIO
NIMS 300-400
OFIR's Review
Roof Operations
Auto Extrication
Electric Vehicles
EVOC
Fire Apparatus
Operations
Officer Mentorship
Haz Mat Hot Seat

EMS

Handtevy
CPR
MEC Competencies
MEC Minutes
Pediatrics
Cardiac
Emergencies
Sports Injuries
12-Lead ECG



2022 TRAINING

Tours

Fairfield County Jail
Cyrill Scott

PUBLIC EDUCATION

DATE	EVENT TYPE	NAME OF EVENT	DESCRIPTION
3.16.22	Show & Tell	FCA Show and Tell	Students wrote & read stories to the crew.
3.18.22	Show & Tell	Fun Fridays at Gorsuch West Before/After School Program	Safety talk & tour of engine.
5.14.22	Show & Tell	Rising Park Day	Show & tell of trucks & equipment.
5.26.22	Other	Lifeguard Training	Provided training for using backboards & working w/EMS for Lancaster Parks & Rec lifeguards.
6.4.22	Show & Tell	I Love My City Care Day	Tours of the engine & medic.
6.7.22	Show & Tell	School Safety Refresher	Trucks show & tell at Redeemer Lutheran Church.
6.13.22	Show & Tell	YMCA Summer Camp	Fire prevention talk, show & tell w/engine & tower.
6.16.22	Show & Tell	Maywood Mission Summer Camp	Fire prevention talk, show & tell w/ladder truck & medic.
8.17.22	Other	Stop The Bleed	Stop the Bleed training for Lancaster City Elementary school teachers & staff. Held at all 5 elementaries w/a total of 225 educators & support staff trained. Assisted by Fairfield Co. EMA.
9.11.22	Other	9/11 Ceremony	CV1 attended after church ceremony held by church congregation.
9.11.22	Other	Lancaster Corvette Show	Donation acceptance from the corvette show.
9.11.22	Other	9/11 First Responder Appreciation	Engine attended portion of church service honoring first responders.
9.21.22	Show & Tell	Smokehouse and fire truck Show & Tell	Fire prevention & engine house 2 showed approximately 80 students from Gorsuch West the fire truck & smokehouse demonstrations.
9.29.22	Show & Tell	Spero Health Fair	Community awareness event for addiction services. Engine 3 show & tell.
10.8.22	Show & Tell	Lancaster Farmer's Market	Show & tell for a large crowd w/ engine. Handed out fire helmets & built a campfire for people visiting the farmer's market to roast marshmallows. Supervised the fire & cleanup.
10.26.22	Show & Tell	St. Bernadette Elementary	Fire safety talk & show & tell w/engine & medic for elementary & preschool.
11.10.22	Other	Fire Safety Talk	Fire safety talk including crawl under smoke, evacuation plan & stop, drop & roll followed by show & tell.

2022 RETIREMENTS



LT. JOHN CRAIGLOW
1994-2022



LT. DAVE MEDAUGH
1994-2022



CHIEF DAVE WARD
1989-2022



LT. STEVE BURTON
1999-2022

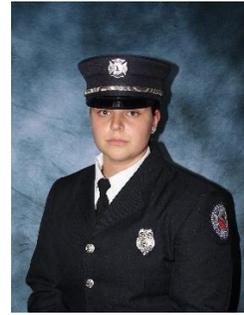
2022 NEW HIRES



FFPT CODY DAY



FFPT KASPER
ROHRBAUGH



FFP MERYAH
WILSON



FFP MATT
JAGERS



FFPT KAYLEE
EBERT



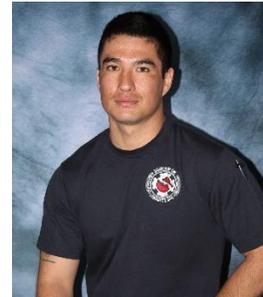
FFP NATHAN
DOWNING



FFPT BRICE
DEIBLE



FFP MICHAEL
DRAKE



FFP BRANDON
COX





DONATIONS:

\$500 FROM THE CORVETTE ALLIANCE



DONATIONS

NEW TOWN DOWN TOWN ANTI-NATION FEST

