



2024
FIRE
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.



LFD ORGANIZATION

- 1 – Chief
- 1 – Asst. Chief
- 1 – Administrative Asst.
- 4 – Battalion Chiefs
- 12 – Lieutenants
- 61 – Firefighters/Paramedics
- 1 – Inspector/Firefighter
- 1 – 40-Hr. Inspector
- 1 – Community Paramedic



CHIEF
STEVE MAFFIN



ASST. CHIEF
SLADE SCHULTZ



BATT. CHIEF
LARRY MOORE



BATT. CHIEF
GEORGE
BANJOFF



BATT. CHIEF
CRAIG SPILLER



BATT. CHIEF
MIKE LONG



LT. SHAWN
KLAAMEYER



LT. JOSH
HARRIS



LT. COREY
SNOKE



LT. BRIAN
MCQUEARY



LT. JAMES
BAKER



LT. ERIC
SIMPSON



LT. CHRIS
WICKISER



LT. DARRELL
WALLACE



LT. JEREMY
KRANER



LT. DAVE
JENKINS



LT. RYAN
GARD



LT. NATHAN
SHARP



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

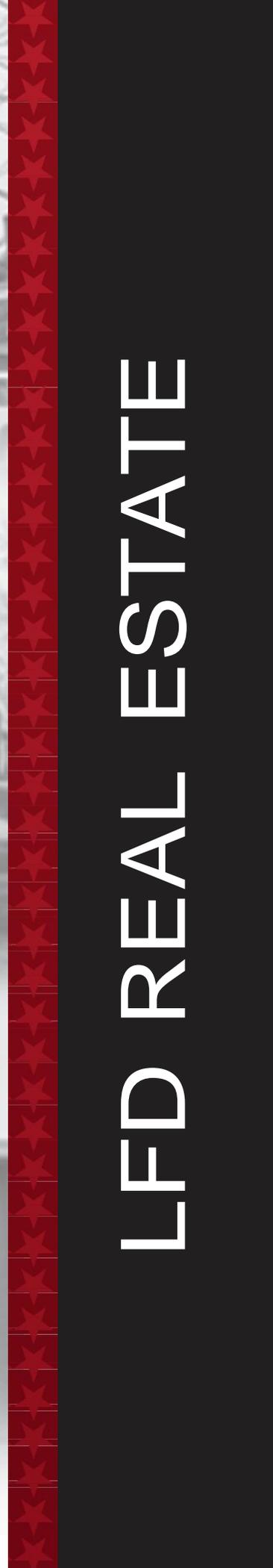
Frontline Apparatus: Engine 2, Medic 2, Grass 2



Engine House No. 3
1596 E. Main St.

Constructed: 1966

Frontline Apparatus: Engine 3, Medic 3, CPU-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: 2022 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: 2023 Horton
 FP-1: 2018 Ford Explorer



RESERVE/STAFF EQUIPMENT

EQUIPMENT	CONDITION
2023 Ford Explorer (2) – Chief’s & Admin BC’s Cars	Excellent
2019 Ford Explorer – Chief’s Car.....	Excellent
1994 Scotty Safety House.....	Fair
2012 Rosenbauer.....	Good
2020 Ford 250.....	Excellent
2008 Chevrolet Tahoe.....	Fair
2013 Horton Medic.....	Fair
2008 Horton Medic.....	Fair

LFD COMMUNICATIONS

Lancaster's public safety just got stronger. A new, strategically located radio tower, operational since late 2024, is significantly enhancing communication for the Lancaster Fire Department and all our area's first responders. This vital upgrade, part of Ohio's MARCS network, ensures seamless, instant communication during critical events. Thanks to a \$495,000 investment from the Fairfield County Commissioners, our community benefits from vastly improved coverage and response times.

FIRE DEPARTMENT STAFFING

Front-line Staff: The

Lancaster Fire Department's front-line 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 2024.

Engine House No.1

Medic 1	Staffed with three (3) personnel
BN-1	Staffed by the Shift Battalion Chief
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

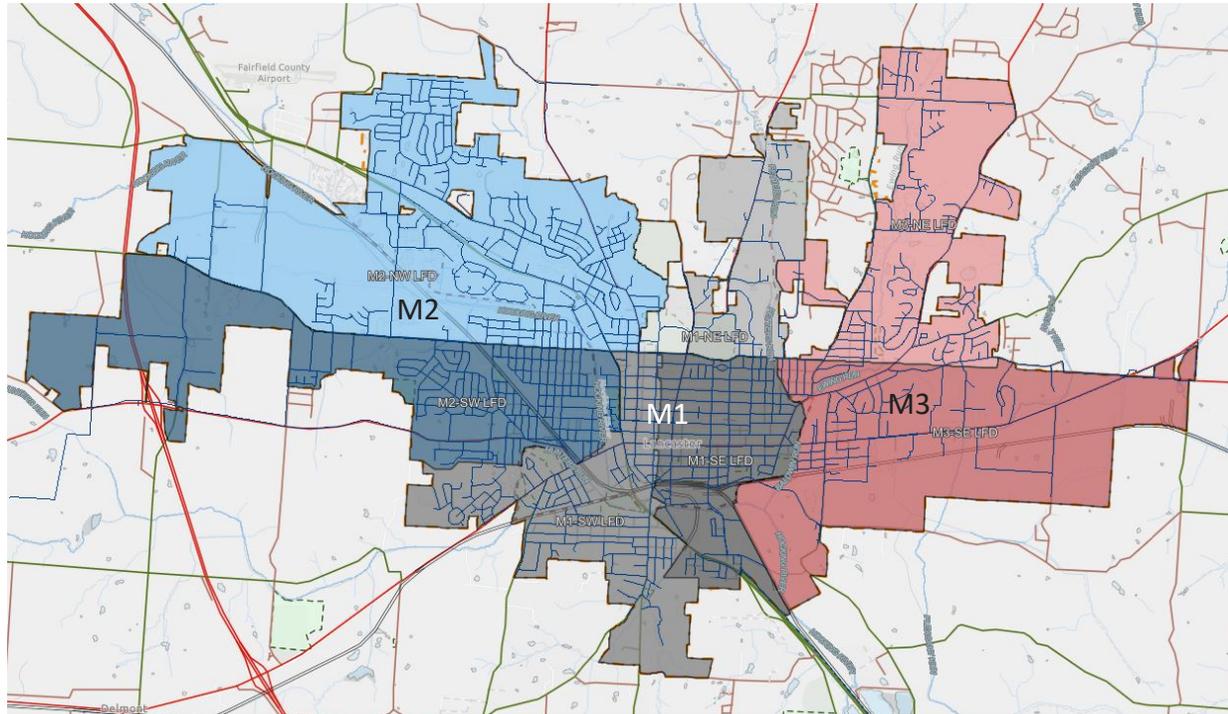
Support/Administrative Staff: The Lancaster Fire Department staffs support vehicles during normal business hours and are available for call in for an emergency.

FP-1	Staffed with one (1) Inspector
CPU-1	Staffed with one (1) Community Paramedic
Unit 1	Staffed by the Chief
Unit 2	Staffed by the Assistant Chief
Unit 3	Staffed by the B/C of Operations

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: Blue
 Central: Grey
 East: Red



2024 TOTAL CALLS BY DISTRICT

WESTSIDE.....	3,393
EASTSIDE.....	2,275
CENTRAL	3,037
MUTUAL AID and OTHER.....	1,534
Total.....	12,853

2024 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 six (6) 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: 10,056 EMS: 8,686 FIRE: 1,333

Incident Type Breakdown: EMS/Rescue: 8,686

Fire: 101

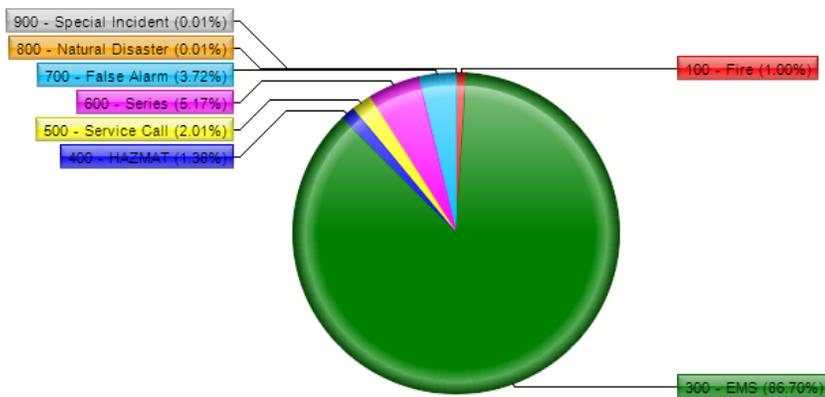
Hazard: 138

Service Calls: 201

False Alarms: 373

Other: 2

Series: 518



2024 TOTAL INCIDENTS BY QUARTER

1st Quarter Total: 2,510

Fire: 27
 EMS: 2,198
 Hazard: 29
 Service Call: 48
 False Alarm: 64
 Good Intent Call: 143

2nd Quarter Total: 2,453

Fire: 14
 EMS: 2,139
 Hazard: 40
 Service Call: 52
 False Alarm: 80
 Good Intent Call: 127

3rd Quarter Total: 2,535

Fire: 33
 EMS: 2,190
 Hazard: 42
 Service Call: 52
 False Alarm: 100
 Good Intent Call: 118

4th Quarter Total: 2,558

Fire: 26
 EMS: 2,194
 Hazard: 27
 Service Call: 51
 False Alarm: 130
 Good Intent Call: 130

2024 TOTAL INCIDENTS



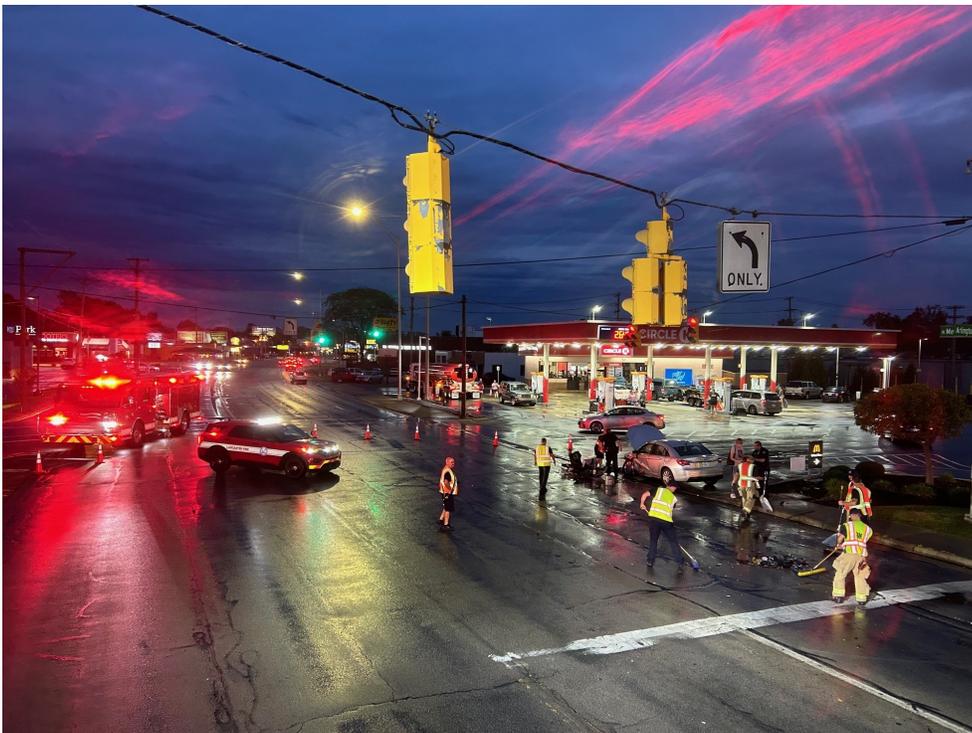
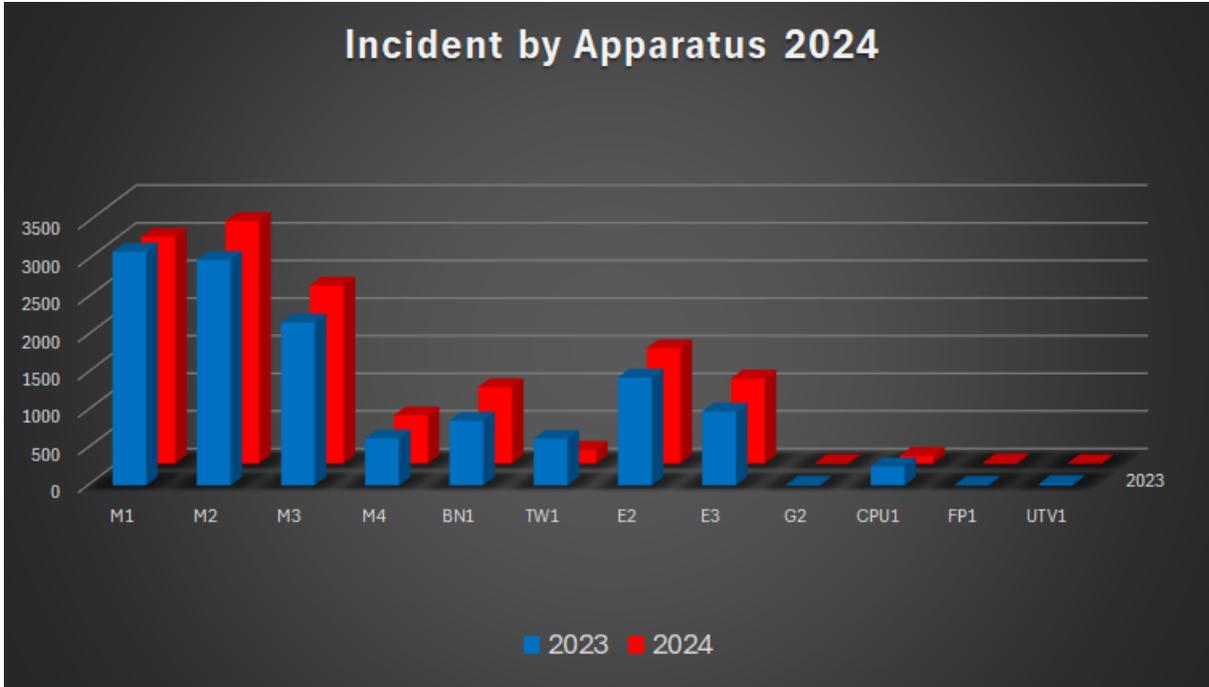
TOP 20 PROPERTY BREAKDOWN RESPONSES

1 or 2 family dwelling	4,635
Multifamily dwelling.....	1,766
24-hour care Nursing homes, 4 or more persons	1,054
Residential street, road or residential driveway.....	253
Street or road in commercial area	963
Clinics, doctor offices, hemodialysis centers, other.....	140
Restaurant or cafeteria	106
Jail, prison (not juvenile).....	99
Mercantile, business, other.....	98
Street Other.....	94
Vehicle parking area.....	89
Doctor, dentist, or oral surgeon office.....	80
Service station/gas station.....	72
Food and beverage sales,grocery store.....	70
Manufacturing, processing.....	68
Hotel/motel, commercial.....	65
Residential board and care.....	64
Boarding/rooming house, residential hotels	59
Graded and cared-for plots of land.....	55
Dormitory-type residence, other.....	50

2024 INCIDENT BY UNIT

Below is a bar graph of the number of incidents each unit responded to in 2024 compared to 2023. 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 4. 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 Battalion Chief.



INCIDENTS BY UNIT

2024 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 2024:

Primary Impression	Number of Calls
Injury.....	676
Generalized Weakness.....	673
No Complaints or Injury/Illness Noted.....	615
Abdominal Pain.....	406
Shortness of Breath.....	406
Chest Pain / Discomfort.....	386
Patient Assist Only.....	383
Extremity Pain.....	368
Encounter for aftercare.....	235
Back Pain.....	230
Altered Mental Status.....	223
Anxiety reaction/Emotional upset.....	216
Convulsions.....	207
Syncope/Fainting.....	190
Dizziness.....	176
Laceration/Abrasion/Hematoma (minor surface trauma).....	164
Pain (Non-Traumatic).....	153
Nausea.....	147
Acute Respiratory Distress (Dyspnea).....	120
Malaise.....	113

2024 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 2024.

Disposition	Number of Calls
Transported No Lights/Siren.....	5,128
Patient Evaluated, No Treatment/Transport Required	1,804
Patient Refused Evaluation/Care (Without Transport).....	447
Patient Treated, Release (AMA).....	421
Patient Treated, Released (Per Protocol).....	258
Cancelled on Scene/No Patient Found.....	226
Transported Lights/Siren.....	204
Cancelled (No Patient Contact).....	181
Cancelled (Prior to Arrival at Scene).....	136
Patient Dead on Scene – No Resuscitation Attempted (Without Transport)	67
Patient Treated, Transported by Law Enforcement.....	18
Patient Dead on Scene – Resuscitation Attempted (Without Transport).....	17
Patient Treated, Transported by Private Vehicle.....	17
Patient Treated, Transferred Care to Another EMS Professional/Unit.....	10
Assist, Unit.....	8
Assist, Agency.....	3
Standby - Public Safety, Fire, or EMS Operational Support Provided.....	2

2024 EMS INCIDENTS MEDICATIONS ADMINISTERED

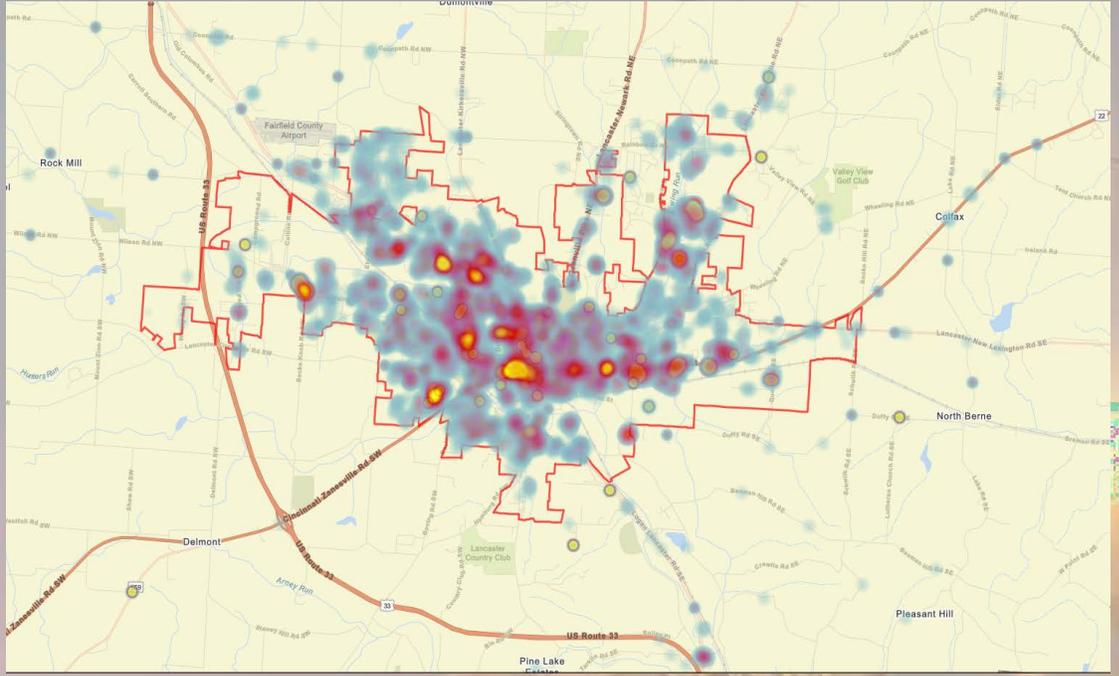
There are about 30 medications Lancaster Fire Paramedics can give to patients that result in treating pain, helping the patient feel comfortable, and saving their life. Patients may require multiple doses of a medication. Below is a breakdown of the name of the medication and how many times it was given in 2024.

Treatment Name	Total Doses: 2,796
Adenosine.....	8
Afrin	14
Albuterol.....	245
Amiodarone.....	15
Aspirin.....	262
Atropine	16
Atrovent.....	236
Benadryl.....	19
Calcium Chloride.....	1
Decadron.....	170
Dextrose 10%.....	65
Epinephrine 1:100,000.....	26
Epinephrine 0.1 mg/mL	13
Epinephrine 1:1.....	12
Epinephrine 1:10.....	174
Epinephrine Infusion.....	19
Fentanyl.....	235
Glucagon.....	9
Ibuprofen.....	9
Ketamine.....	74
Lidocaine.....	2
Magnesium Sulfate.....	4
Magnesium Sulfate Infusion.....	6
Narcan.....	66
Nitro Paste.....	206
Nitro Spray.....	228
Oral Glucose.....	30
Rocuronium.....	6
Saline.....	80
Sodium Bicarb 8.4%.....	17
Sterile Water.....	1
Succinylcholine.....	38
Tranexamic Acid (TXA).....	9
Versed.....	83
Zofran.....	374

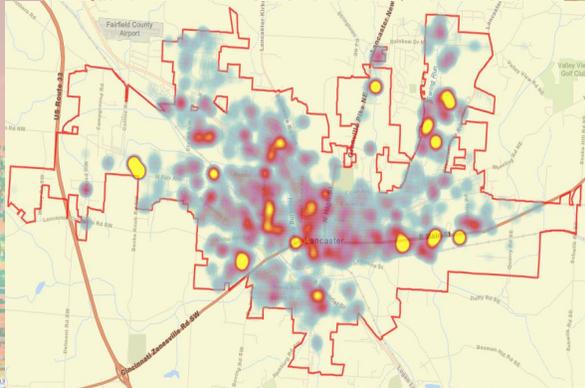
INCIDENT MEDICATIONS

2024 INCIDENT MAPS

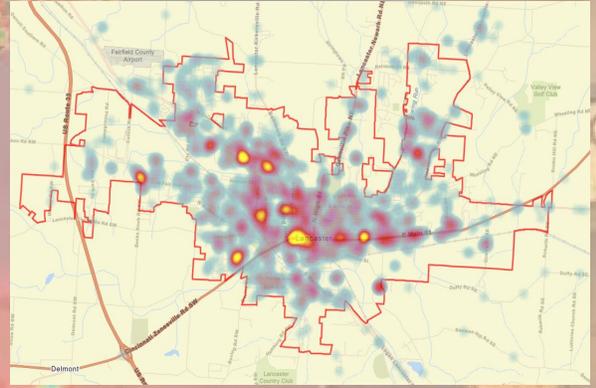
2024 ALL INCIDENTS HEAT MAP



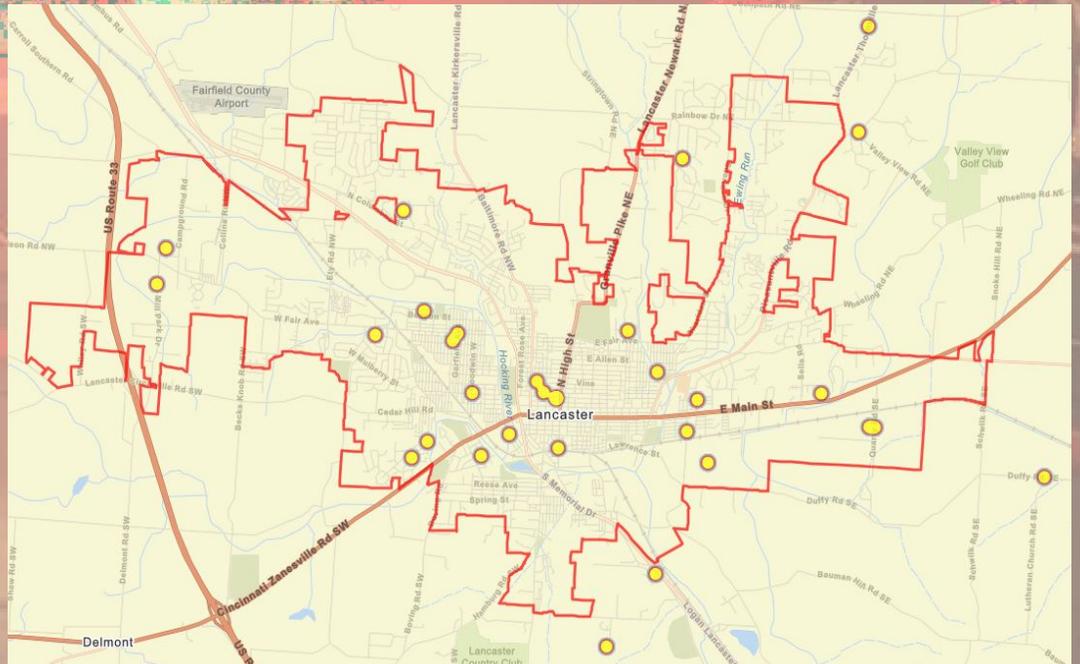
EMS HEAT MAP



FIRE HEAT MAP



2024 STRUCTURE FIRE ONLY



FIRE INCIDENTS BREAKDOWN BY TYPE AND NUMBER

20 Most Common Calls for FIRE in 2024:

<u>Incident Type</u>	<u>Number of Calls</u>
Emergency medical service (EMS) incident.....	8,721
Dispatched and cancelled en route.....	233
Motor vehicle accident with injuries.....	199
HazMat release investigation w/no HazMat.....	179
Unintentional system/detector operation (no fire).....	120
Unauthorized burning.....	87
Power lines down.....	64
Smoke detector activation (no fire).....	78
Alarm system sounded due to malfunction.....	54
Structure fire.....	38
Smoke, odor problem.....	37
Smoke or odor removal.....	34
Detector activation (no fire).....	32
System or detector malfunction.....	29
Carbon monoxide detector activation, no CO.....	27
Gas leak.....	26
Arcing, shorted electrical equipment.....	20
Public service.....	18
Unintentional alarm(other).....	18
Motor vehicle/pedestrian accident.....	16

2024 ESTIMATED FIRE LOSS

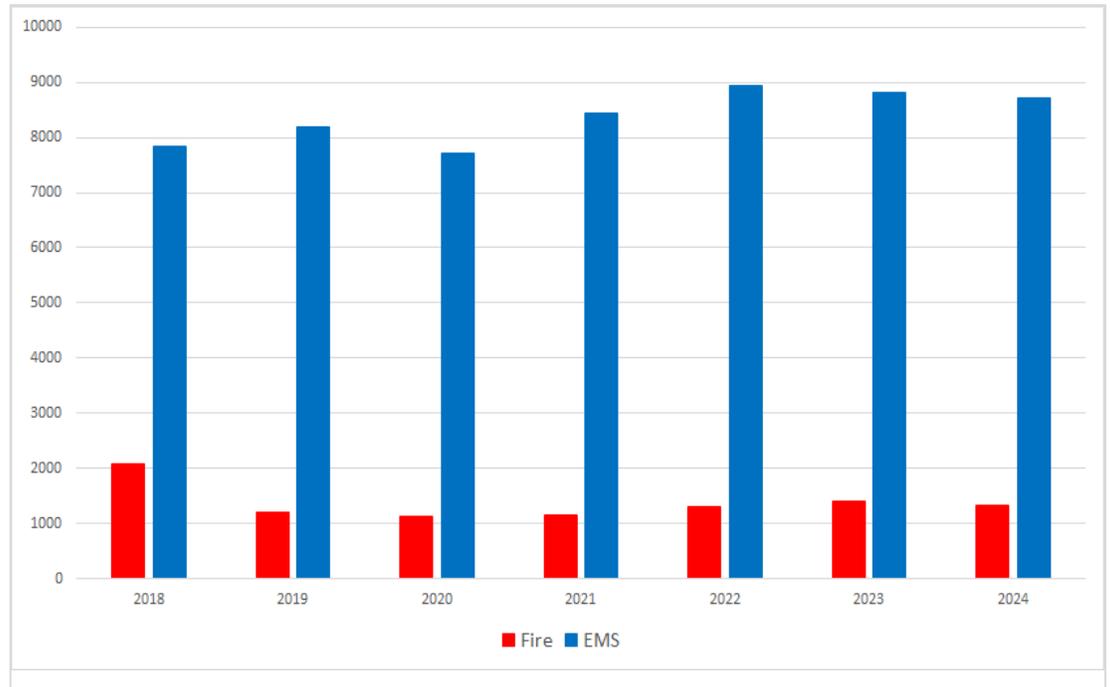
Estimated Property Loss Fires			
Structure Fires	Estimated Property Loss	Civilian Casualty	Civilian Death
Residential - Private Dwelling	\$689,350.00	2	1
Residential - Apartments	\$9,632.00	0	0
Residential - Other		0	0
Public Assembly	\$324,428.00	0	0
Schools & Colleges		0	0
Stores and Offices		0	0
Industry, Utility, Defense, Lab	\$2,500.00	0	0
Storage Structures	\$134,145.00	0	0
Other Structures	\$1,000.00	0	0
Total Fire Loss:	\$1,161,055.00		

2024 FIRE INCIDENTS BY TYPE

5 YEAR TOTAL INCIDENT PERSPECTIVE

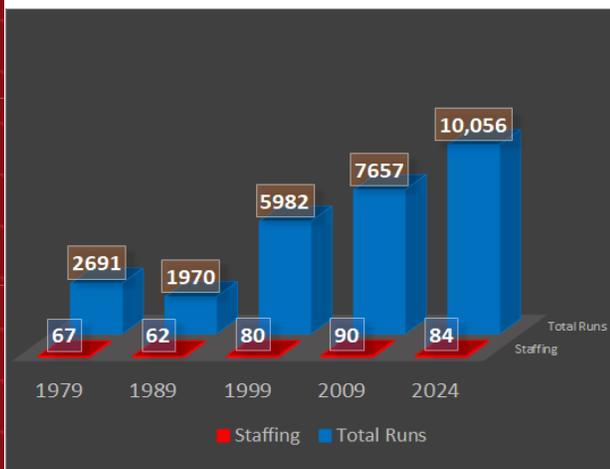
TOTAL INCIDENT PERSPECTIVE 2019-2024

As it appears in this bar graph, it would seem that fire incidents were reduced in 2019 compared to 2018. 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.

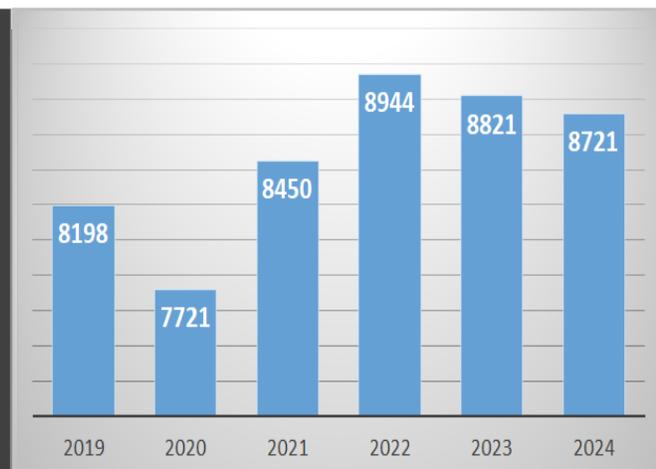


HISTORICAL PERSPECTIVE 1979-2024

Lancaster Fire Department **STAFFING**



EMS INCIDENT PERSPECTIVE 2019-2024



2024 INSPECTION INVESTIGATIONS

2024 FIRE INSPECTIONS	
Inspection Type	Amount
Annual Inspection - Basic	1029
Annual Inspection - Alarm &/or Sprinkler	317
Inspection - Mobile Food Vendor	117
Annual Inspections - Vacant	146
Inspections - Other	184
Inspection - Foster Care/ Adoption	12
Inspection - School (K-12)	17
Inspection - Day-care	12
Permit Inspections – All Types	479
Church (No Permit)	14
Building and Site Plan Reviews	38
Inspection - Occupancy/Final Life Safety	71
Re-Inspections	2,046
TOTAL:	2,398

2024 FIRE INVESTIGATIONS	
Inspection Type	Amount
Structure Fire	7
Vehicle Fire	0
Other	2
TOTAL:	9

2024 Permits	Amount
Places of Assembly	138
Repair Garage	76
Motor Fuel Dispensing	40
Flammable and Combustible Liquids	13
Cutting and Welding	9
Underground Storage Tank	6
Lumber Yards and Woodworking Plants	5
Liquid Propane Gas	4
Temporary Membrane Structure	4
Explosives and Fireworks	3
High Piled Storage	3
Waste Handling and Salvage Yard	3
Compressed Gases	2
Cryogenic Fluids	1
Dry Cleaning Plants	1
Hot Work Operations	1
Rooftop Heliport	1
Spraying or Dipping	1
Above and Underground Storage Tank	1
TOTAL:	312

2024 DEPARTMENT TRAINING:



EMS

48-Hour Paramedic Refresher
Protocol Assessment
Acute Non-Traumatic Abdominal Pain
Heat Illnesses
Wide Complex Tachycardia
Hospice/Palliative Care
Sepsis
Heat and Cold Emergencies
Pediatric Ingestions
Physical and Chemical Restraints
Quarterly CPR and Intubation

Fire

Engine Company
Ops with Priority Search
VES
Roof Ventilation
Fire Officer II
Fire Officer I&II
VFIS Train the Trainer
SOPs
EVOC
Rope Rescue
RIT
Blue Card
Pump Operator
Standpipe Ops
Elevator Ops
Residential Search
Auto Extrication
Hose Loads
Night Tower Ops
Apparatus Ops
Maydays
Pre-planning
Residential Structures



2024 TRAINING

PUBLIC EDUCATION

DATE	EVENT TYPE	NAME OF EVENT	DESCRIPTION
2.27.24	Show & Tell	Cub Scout Tour	Detailed tour of trucks and station
3.20.24	Show & Tell	Touch-a-Truck	Detailed tour of trucks and station
3.21.24	Show & Tell	Touch-a-Truck	Detailed show and tell of M3 and E3
3.30.24	Other	Easter Egg Hunt	Blew the horn to start the hunt
5.11.24	Other	Army Mini Boot Camp	EMS was provided while Army recruits ran through various activities
5.11.24	Other	YMCA 5K Race	EMS standby for race, show and tell, and assisted with CPR
5.22.24	Station Tour	Girl Scout Tour	Toured EH1 and reviewed first aid and 911 usage
6.12.24	Show & Tell	Touch-a-Truck	Detailed tour of trucks and equipment
7.10.24	Other	Book Reading	Book reading at Art and Clay, passed out fire prevention information
8.06.24	Other	Evening Out	Interacted with residents (corn hole, water games, tug of war)
8.17.234	Other	AHA Book Bag Give-Away	Book bag/school supply give-away
8.23.24	Other	Fire Safety Talk	Fire safety talk to senior citizens
10.4.24	Station Tour	St Mary's Station Tour	Detailed tour around EH1 and the trucks
10.5.24	Other	Farmers Market	Attended Farmers Market and assisted with the campfire
10.5.24	Other	Bob Jumper Salute to Heroes	Attended and stood during the opening ceremony
11.4.24	Show & Tell	Touch-a-Truck	Creative Journey took pictures with truck, talked about calling 911, turnout gear demo
12.11.24	Other	Christmas Festival	Read Christmas books to children



2024 NEW HIRES



FFPT GARY
ANDERSON



FFP JIMMY
CLEVELAND



FFPT
MCKAYLA
MURPHY



FFPT
CHRIS
ABSTEN





GRANTS:

- BWC "2024 Safety Intervention Grant"- \$29,173
 - Helped to purchase 4 motorized stair chairs



2024 GRANTS