

# EVANSVILLE FIRE DEPARTMENT

2021

## EXECUTIVE SUMMARY

CONCERNED PROFESSIONALS PROTECTING THE COMMUNITY WE SERVE

DIAMOND AVENUE FLEA MARKET FIRE  
MAY 14, 2021



City of Evansville  
Evansville Fire Department  
550 SE Eighth Street  
Evansville IN 47713  
(812) 435-6235

EVANSVILLE  
EFD  
FIRE DEPT.

# EVANSVILLE FIRE DEPARTMENT

## TABLE OF CONTENTS

Evansville Fire Department Fire Chief	03
EFD Administration	04
Table of Organization	05
Commissions & Boards	06
Office of the Assistant Fire Chief	07
Budget and Expenditures	08
Operations Division	09-16
Quartermaster Division	17-20
Training Division	21-31
EMS Division	32-34
Special Operations & Planning	35-36
Hazmat	37
Rope/Confined/Technical Rescue	38-39
Dive	40
Peer Support Team	41
A Day in the Life	42
Health & Safety Division	43-44
Inspection / Investigation Division	45-49
Fleet Maintenance Division	50-51
Communications Division	52
EFD Pipe & Drum	53
EFD Honor Guard	54
Firefighter of the Year	55-56
Administrative Division	57
Awards & Promotions	58-59
New Recruits / Retirees / Deaths	60-61
Fire Safety Education / Community Outreach	62-65
Commonly Asked Questions / Kids Corner	66-67
Firefighter's Prayer	68

# EVANSVILLE FIRE DEPARTMENT

## OFFICE OF THE FIRE CHIEF

On behalf of the men and women of the Evansville Fire Department, I am pleased to submit the 2021 Executive Summary. We are an organization that is dedicated to our community. The COVID-19 pandemic affected all of us professionally and personally. From the onset, we have maintained our excellent service as the community expects and deserves. Financial impact due to lost revenue is not yet fully realized. Operational impact due to illness or restrictions has been kept to a minimum. COVID-19 is spread through close contact, droplet, and airborne transmission. We are keeping abreast of the latest information to ensure we protect ourselves and the community we serve. The EFD is taking every precaution to minimize the spread of the virus by utilizing personal protective equipment, limiting patient contact and voluntary vaccination or personnel. We have adapted to the environment within which we need to work and achieve our mission.

The Evansville Fire Department is an organization that is dynamic and responsive to community risks. This pandemic has given us the opportunity to utilize our creative planning processes to answer every call for service. Your safety and peace of mind are our number one priority.

Our Mission Statement includes the following, “Concerned professionals protecting the community we serve”. We serve our citizens, neighbors, friends and visitors with passion and professionalism. The Evansville Fire Department is making great strides improving the resiliency of the firefighter to meet the ever-increasing demands from the community. The most important component of our emergency response capability is a fit, trained and equipped response force. With a fit, trained and equipped response force, we continue to achieve our mission’s three primary objectives:

- 1) Life Safety
- 2) Incident Stabilization
- 3) Property Conservation

The members of our fire department and support staff are at your service. We provide the basic components of emergency response, but we also provide more. Within the pages of the 2021 Executive Summary, you will find professionals that are eager to serve.

It is my goal as Fire Chief to help make Evansville a safe place for families to live, work and play.

Let me know how I may be of service to you.

Thank you.

C. Michael Connelly  
Fire Chief



FIRE CHIEF CONNELLY



# EVANSVILLE FIRE DEPARTMENT

## EFD ADMINISTRATION

### *Fire Chief*

Charles M. Connelly

### *Assistant Fire Chief*

Paul Anslinger

### *Division Administration Chiefs*

Chief of Operations Ron Campbell

Chief of Training Mike Ewald

Chief of Health & Safety Ken Zuber

Chief of Administration Mike Larson

Chief Fire Marshal Greg Main

Chief of Special Operations & Planning Keith Bowden

First Platoon Shift Operations West

District Chief Amy Smith

First Platoon Shift Operations East

District Chief Shawn Willis

Second Platoon Shift Operations West

District Chief Mike Dickinson

Second Platoon Shift Operations East

District Chief Mark Mastison

Third Platoon Shift Operations West

District Chief Eric Eifert

Third Platoon Shift Operations East

District Chief Mike Kane

### *Investigators*

First Platoon Investigator Joe Mayer

Second Platoon Investigator Kim Garrett

Third Platoon Investigator Tim Strange

### *Chaplain*

Chaplain Kevin Wilson

Asst. Chaplain Tyrone Edwards

Deacon David Rice

### *Instructors*

Instructor Dan Brown

Instructor Jennifer Hunt

Instructor Steve Jordan

Instructor Rick Whitehouse

### *Inspectors*

Inspector David Brinkmeyer

Inspector John Conner

Inspector Michael Doran

Inspector Rodney Frye

Inspector Randy Rankin

Inspector Kevin Shelley

Inspector Brian Singer

Inspector Larry Wildt

### *Office Administration*

Secretary Ruth Ann Adams

IT/Communications Specialist Jeff Crawford

EMS Manager Keith Current

Finance Officer Kelly Frankenberger

Fire Merit Liaison Chief Mike Larson

Executive Secretary Cathleen Tamez

Facilities Manager Kevin Wilke

### *Fleet Maintenance Shop*

Lead Mechanic Greg Lantaff

Mechanic Chris Cox

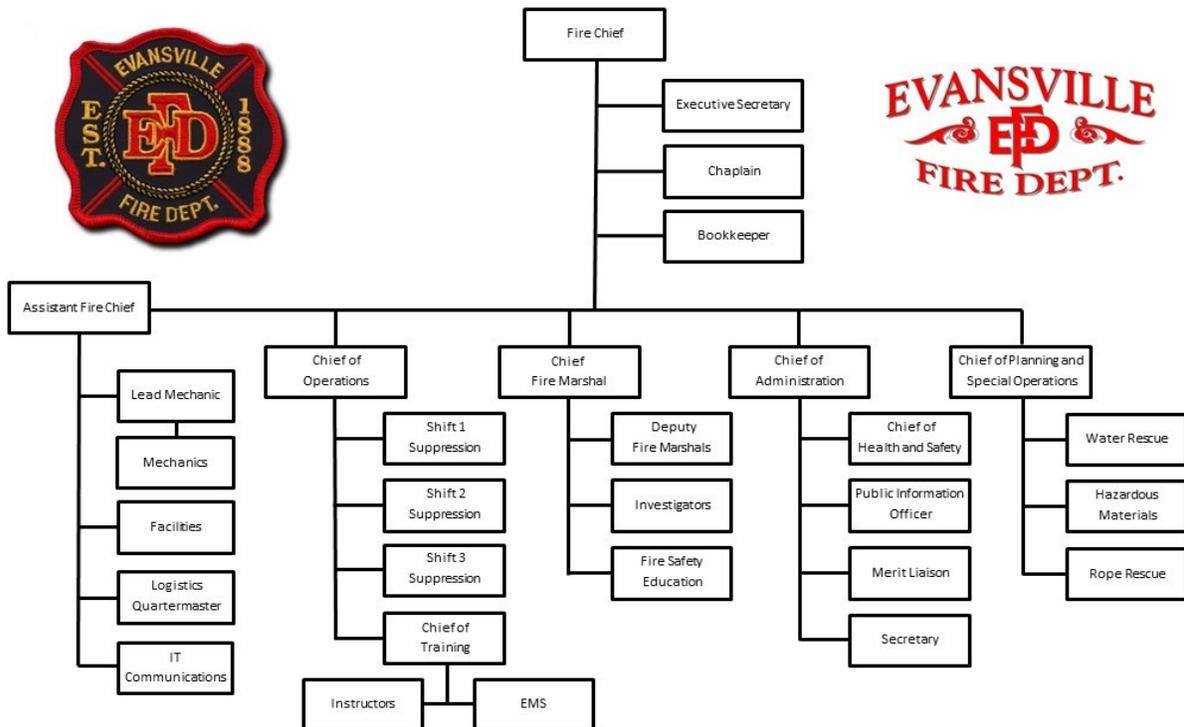
Mechanic Andrew Hoffman

Mechanic James Nellis



# EVANSVILLE FIRE DEPARTMENT

## 2021 TABLE OF ORGANIZATION



# EVANSVILLE FIRE DEPARTMENT

## COMMISSION & BOARDS

### Fire Merit Commission

The Evansville Fire Merit Commission shall consist of five commissioners. Each commissioner must have been a legal resident of Vanderburgh County for three consecutive years immediately preceding his term and must be a person of good moral character. Each commissioner shall take an oath of office to conscientiously discharge his duties. The term of a commissioner is four years.

The commission shall have the authority to adopt, amend, and repeal rules and regulations concerning selection, appointment, promotion, and procedural matters relating to discipline of members of the Fire Department.

The commission shall adopt rules and regulations governing the selection and appointment of persons to be employed as members of the department, subject to State pension requirements and this chapter.

President Ryan M. Schulz  
Vice president Talmage O. Vick  
Secretary Mike T. Gilkey  
Chad Fetscher, Commissioner  
James Mastison, Commissioner

### Fire Pension Board

The Evansville Fire Department's Pension Board is comprised of the Mayor and the Fire Chief who shall hold their positions as long as they are in office, one (1) retired member of the department, and four (4) active members of the department, of which one is elected Pension Secretary.

The Fire Pension Secretary is responsible for the 1937 fund members, the 1977 fund converted member's, and the widow's payroll and administration of the fund. The Board is responsible for all new candidate applications and medical acceptance into the Indiana Public Retirement System (INPRS).

The Pension Board is responsible for all disability claims submitted to INPRS. The EFD Fire Pension Board meets the first Tuesday of every month at 9:00 a.m. The meetings are open to the public and are available on the City's meeting archives.

Mayor Lloyd Winnecke  
Fire Chief Mike Connelly  
Pension Secretary Captain Anthony Knight  
Lieutenant Daniel Goodman  
Roger Griffin (Retired)  
Captain Chad Jordan  
Lieutenant Charles Mangold

# EVANSVILLE FIRE DEPARTMENT

## OFFICE OF THE ASSISTANT CHIEF

As Assistant Chief, I am responsible for overseeing multiple Divisions within the Department. Fleet Maintenance Division, Facilities Maintenance Division, Communications/IT Division and Quartermaster.

The Fleet Maintenance Division is responsible for the upkeep of the department's vehicles, apparatus, support vehicles, firefighting equipment, SCBA cascade systems and SCBA air packs. The Department has over 63 vehicles in its Fleet. 20 Frontline apparatus, 31 Staff vehicles, 5 Reserve apparatus, 7 Special Operations apparatus, and several trailers equipped with specialize equipment. The Department has recently replaced all of the current SCBA air packs and face pieces and is in the process of replacing all of the breathing air cylinders. All apparatus are required to have annual services and recertification of the pumps, aerial devices, fire hose and all ground ladders. Fleet Maintenance is also responsible for putting in to service all new vehicles, which requires decaling, wiring emergency lights and sirens, installing radio equipment and mounting any necessary equipment. The Department put in to service, 6 new vehicles in 2021, 5 Staff vehicles and a Pierce 105'HD Aerial apparatus.

The Facilities Maintenance Division is responsible for overseeing all repairs and maintenance at all Fire Department facilities. The Evansville Fire Department has 14 Fire Stations, a Training Center, Fleet Maintenance Facility and the Fire Administration Building.

The Communications/IT Division is responsible for all Fire Department computers and communication equipment, both in the Fire Stations and the apparatus.

The Quartermaster is responsible for outfitting all Fire Suppression Personnel with the needed structural firefighter gear they will need to perform their duties as firefighters. The Quartermaster schedules all annual inspections of the fire gear, performs repairs to the fire gear and replaces the gear when it is no longer serviceable.

Thank you.

Paul H. Anslinger  
Assistant Fire Chief



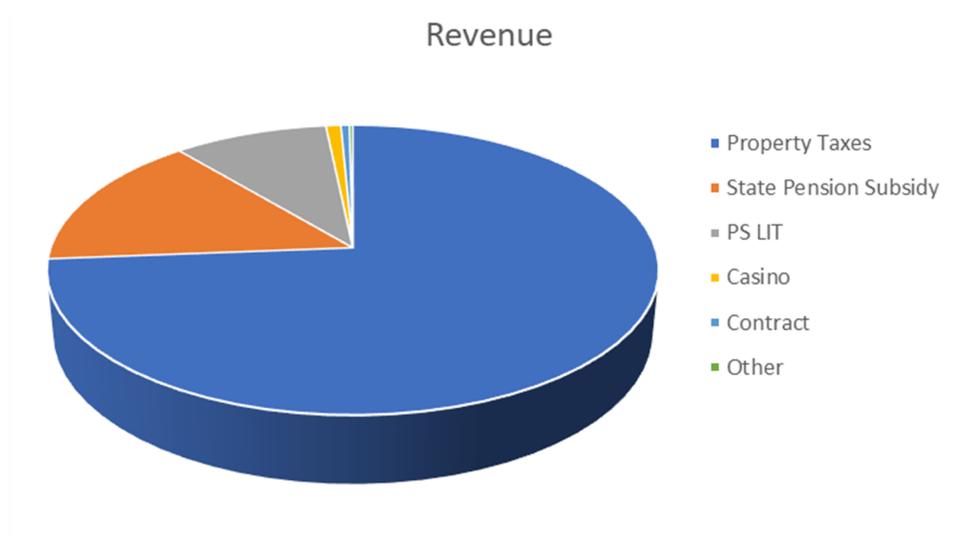
ASST. CHIEF ANSLINGER



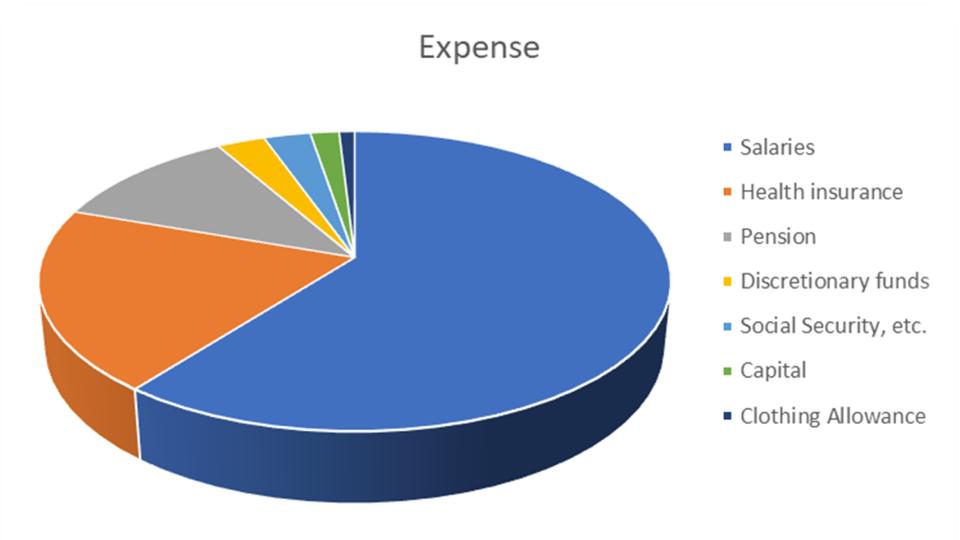
# EVANSVILLE FIRE DEPARTMENT

## BUDGET/EXPENDITURES

The Evansville Fire Department approved budget for 2021 was \$31,990,213.  
Revenue sources are listed below:



Expenses are listed below:



73% of department revenue are received from property tax collection. 84% of department expenditures are dedicated to employee salaries and benefits.

# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION

The Suppression Division consists of 252 firefighters comprised of 1 Operations Chief, 6 District Chiefs, 51 Captains, 45 Lieutenants, 149 Privates, and 3 Fire Investigators. The Suppression Division is manned by firefighters who work on one of our three twenty-four hour rotating shifts. Each shift is comprised of 84 personnel operating from one of Evansville's 14 fire stations. In 2019, the Evansville Fire Department employed 5.642 firefighters per square mile which represents 2.36 firefighters per every 1000 persons. The Departments minimum staffing levels meet NFPA Standard 1710, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments.

The firefighting fleet of the Evansville Fire Department consists of 9 Engines, 4 of which carry 1000 gallons on board water. These Engines are used primarily to pump water through hoses to the fire and water from fire hydrants to a fire scene, 1 Aerial Ladder (110') used to provide large volumes of water or firefighter access to buildings in excess of three stories. 5 Quints with one being 107' Aerial Platform Quint and one 107' aerial ladder Quint. All which can be used as an Engine or aerial ladder at fire scenes, 2 Rescue Squads that supply additional lighting, breathing air and specialty rescue equipment. 1 Hazardous Materials Response Vehicle including a 30' trailer for equipment. 4 Suppression Chief Vehicles. All emergency apparatus, with the exception of our Rescue Squads, respond to emergencies with a minimum of four firefighters. The Rescue Squads respond with a minimum of two firefighters. The Suppression Division also has 5 pieces of reserve apparatus consisting of 3 Engines (Type I), 1 Heavy Rescue, and 2 Quints (75').



March 2021  
1113 Baker Ave.  
Responding Companies: Platoon 1, 1E10, E1, E5, Q8, R3, Ds, 1A61

# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION



January of 2021 the Evansville Fire department was preparing for the (Delta and the Omicron variant) of the COVID 19 pandemic. Using information from Indiana department of homeland security (IDHS) and CDC and our local Medical director the Evansville Fire department developed a plan to help safe guard our firefighters against the COVID 19 Virus. Required twice daily temperature readings in suppression and implemented employee screening questions.

- In the last 72 hours have you had a fever and/or taken medications for a fever?
- In the last 7 days have you had symptoms of a lower respiratory illness (cough, difficulty breathing, etc.)?
- In the past 14 days have you been in close contact with a person known/suspected to have Coronavirus (COVID-19) and/or have you been diagnosed with COVID-19?

Fire stations, visits were limited for all non-emergent public interactions, discontinued station tours, public relations activities and off-site training. EFD continued to provide emergent PPE for EMS runs such as Medical gloves, face shield, N95 mask, and gowns. Surgical mask provided for the patient to limit our exposure to aerosol generating coughs. Working together with VCCD and our ambulance provider we continued to use the EMD protocol for dispatch to classify the EMS run either “low” risk or “high” risk. This provided information allowed responders to use the proper PPE for the type run dispatched.

With the ever-changing guidelines for COVID we continued working with our medical director to established new protocols and flow charts to help answer any question of COVID 19.

### **City Fire Response Activity**

In 2021 the Evansville Fire Department responded to a total of 9991 Fire and medical “Calls for Service.” These “Citizens Calls for Service” generated 16,442 apparatus responses. The total number of “Committed hours by nature” resulted in 5347:41:03 hours and minutes of Personnel Time Committed.

### **Report of the Vanderburgh County Central Dispatch.**

The average time for the Evansville Fire Department to be dispatched and then arrive at the emergency was 04:12 minutes and seconds. The Departments response time is consistent with NFPA Standard 1710, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments.

# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION

### PRESENT FIRE STATION LOCATIONS & MINIMUM DEPLOYMENT CONFIGURATION

STATION	ADDRESS	APPARATUS	PERSONNEL
Station 1 HAZMAT TRT Rescue	750 S.E. Eighth St.	Engine 1 Ladder 1 Rescue 1 Investigation Unit Hazmat 1 & Trailer Reserve Engine 901	4FF 4FF 2FF/EMT 1 Investigator Cross-staffed
Station 2	3601 Maxx Rd.	Engine 2 Engine 902	4FF
Station 3 Water Rescue Dive Rescue	310 N. Fourth Ave.	Engine 3 Rescue 3 Utility 3 Water 3/Zodiac 3 Dive Trailer	4FF 2FF/EMT Cross-staffed Cross-staffed Cross-staffed
Station 4	1200 Oakhill Rd.	Engine 4 Brush 4	4FF
Station 5	2413 W. Maryland St.	Quint 5 Reserve Quint 905	4FF
Station 6	6521 Washington Ave.	Engine 6	4FF
Station 7	1050 S. Barker Ave.	Engine 7 Reserve Engine 907	4FF
Station 8	2003 N. Kentucky Ave.	Quint 8	4FF
Station 9	2020 Keystone	Quint 9 Reserve Quint 909	4FF
Station 10 WEST CHIEF OFFICE	120 E. Columbia St.	Engine 10 West District Chief	4FF 1DC
Station 14	545 S. Willow Rd.	Engine 14	4FF
Station 15	1711 S. Weinbach Ave.	Engine 15	4FF
Station 16 EAST CHIEF OF- FICE	2801 Washington Ave.	Quint 16 Reserve Ladder 916 East District Chief	4FF 1DC
Station 17	425 W. Mill Rd.	Quint 17	4FF

# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION

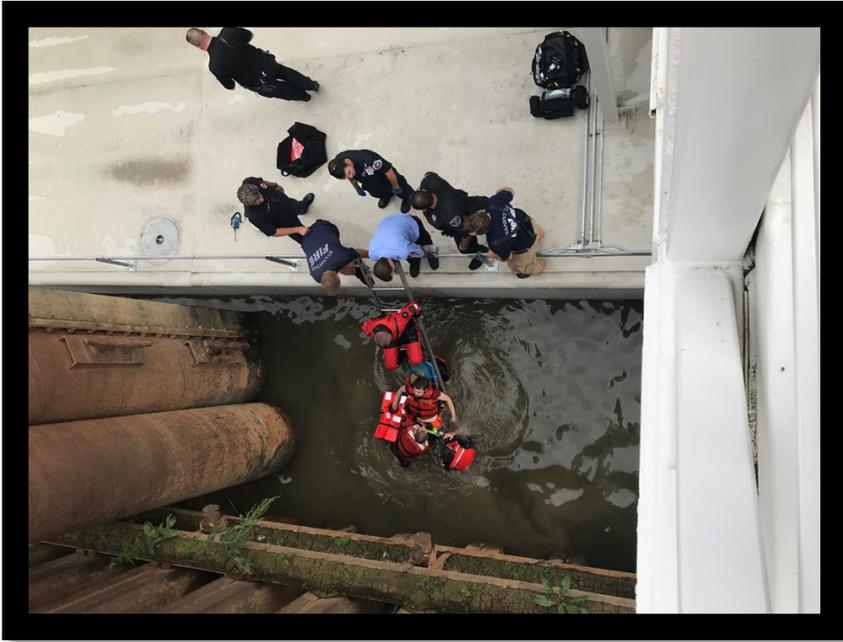


**DIAMOND AVE  
FLEA MARKET  
May 14, 2021**

**Responding  
Companies  
Platoon 2  
E10, E3, E4, Q8, L1,  
Q17, E14, D3, R3,  
1A3, 1A62**

# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION

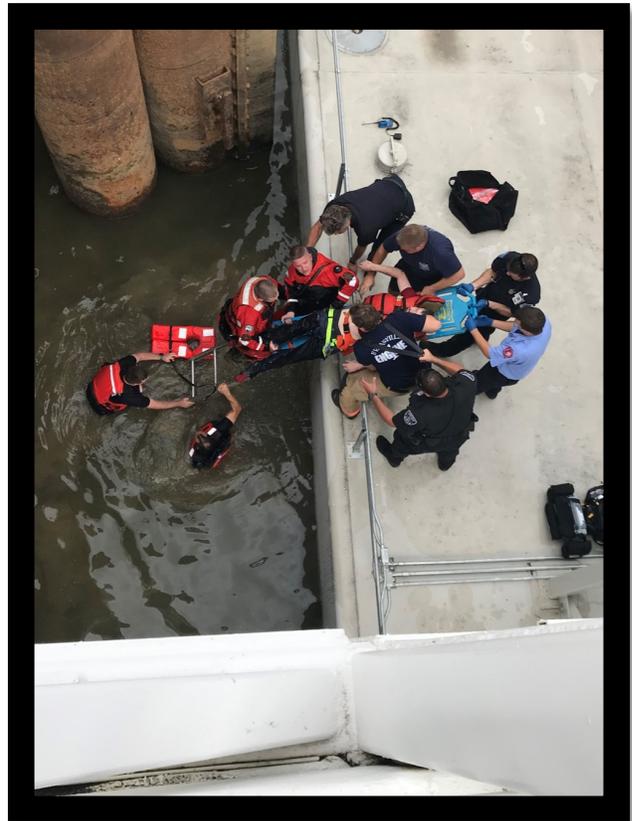
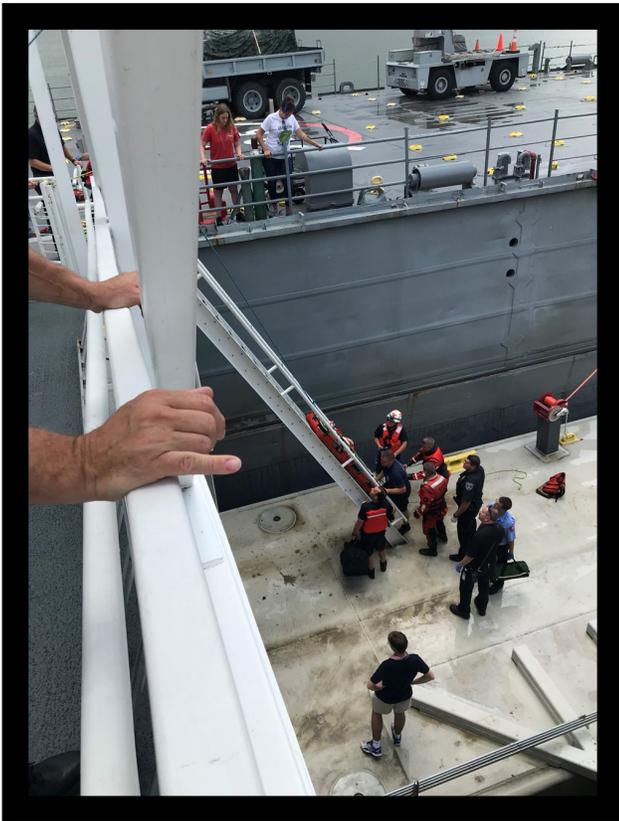
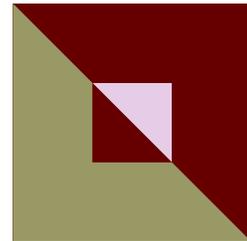


### LST WATER RESCUE

June 2021  
610 NW Riverside Drive

Responding Companies:

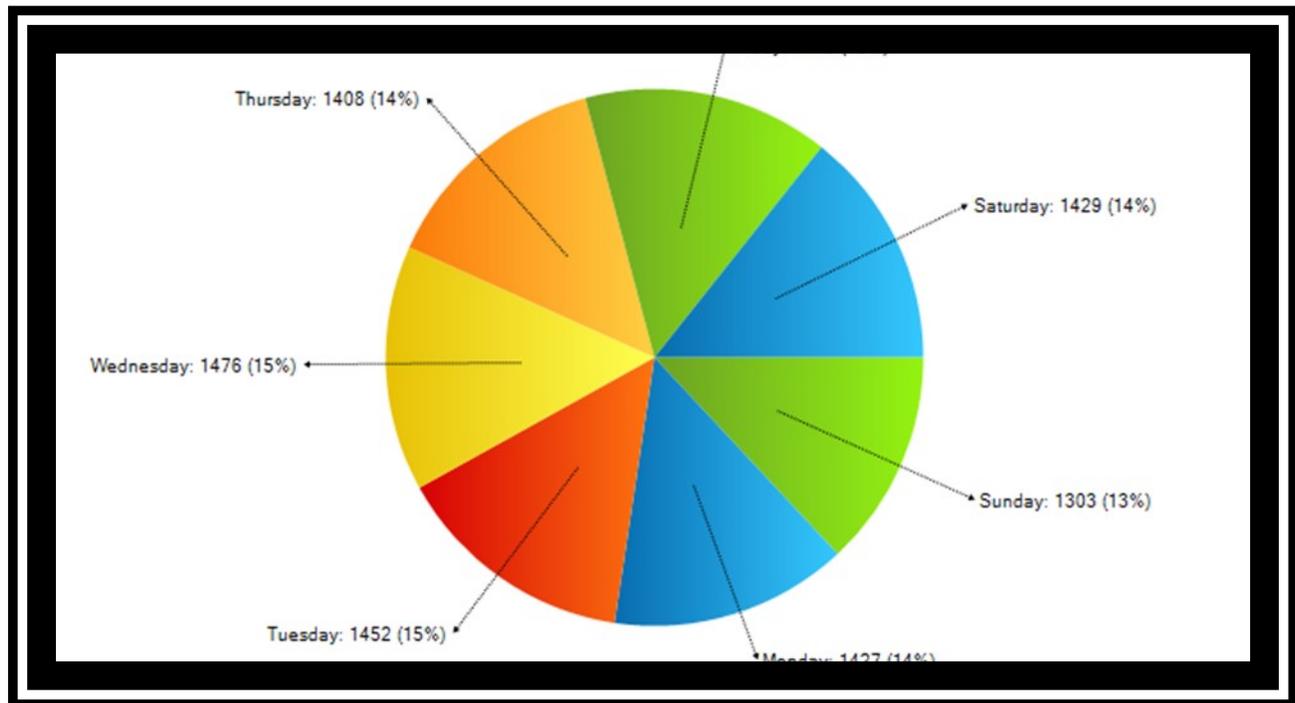
Engine 1  
Engine 3  
Rescue 3  
D3



# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION

### CALLS FOR SERVICE BY DAY OF WEEK FROM 01/01/2021 TO 12/31/21



### Calls for service by Day of Week for 2021 Apparatus Responses

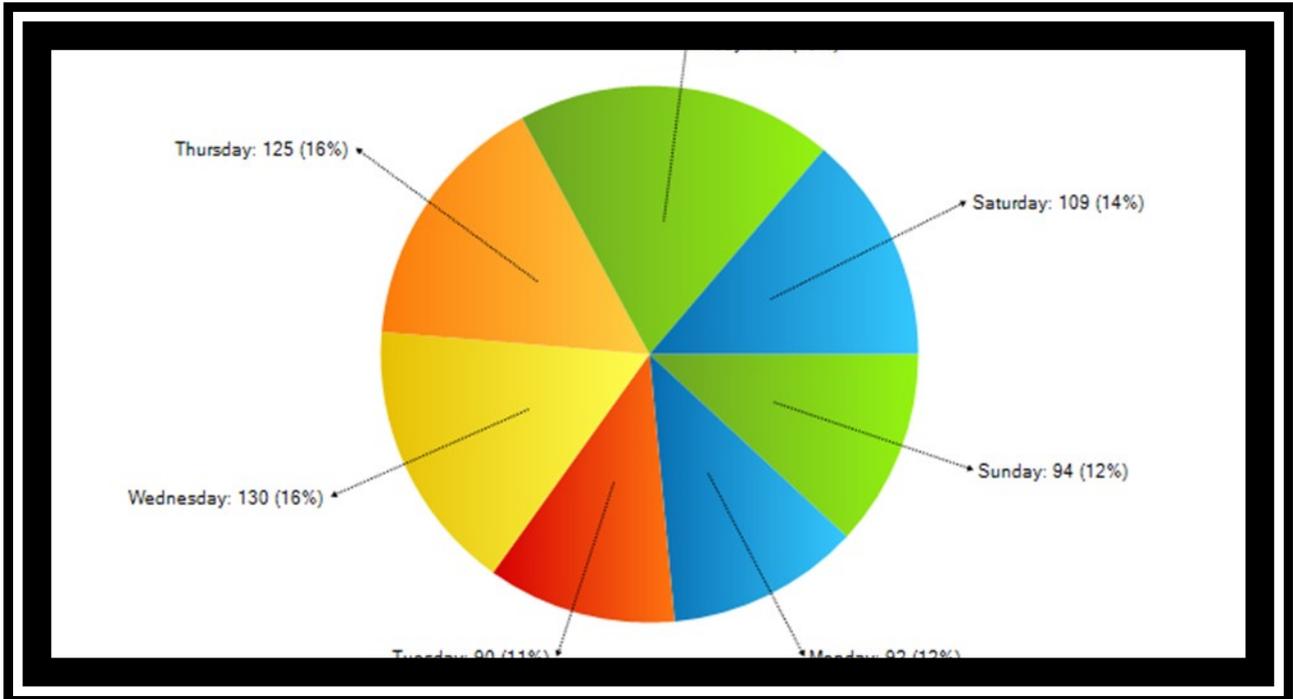
Sunday 1303  
Monday 1427  
Tuesday 1452  
Wednesday 1476  
Thursday 1408  
Friday 1478  
Saturday 1429

NFIRS Report show that the Calls for Service required 16,029 apparatus responses from EFD, with an average of 45.05 apparatus responses per day. There were 1.94.45 apparatus responses per hour in 2021.

# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION

Runs for the Month of December  
12/01/2021 thru 12/31/21



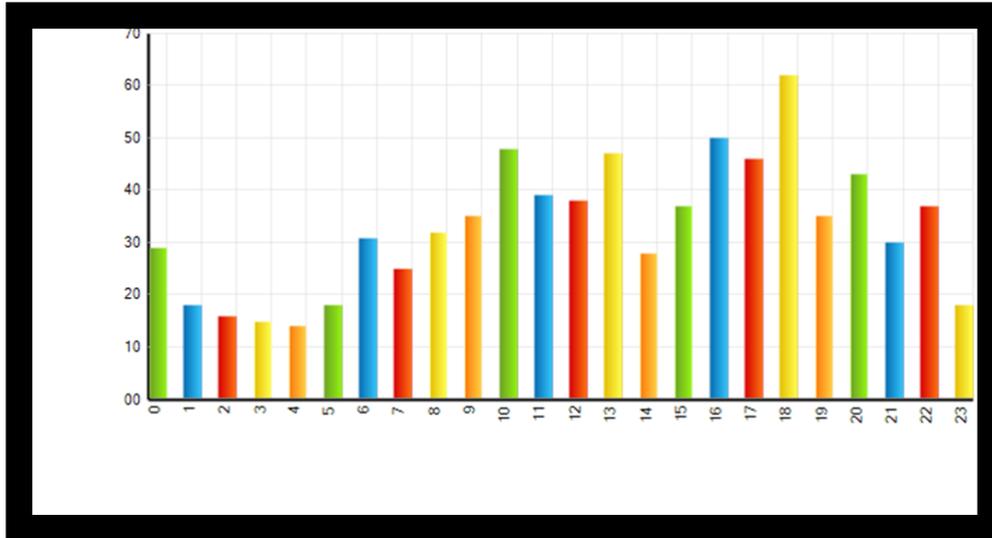
<u>Day of Week</u>	<u>Incidents</u>
Sunday	151
Monday	92
Tuesday	90
Wednesday	130
Thursday	125
Friday	151
Saturday	109
<b>Total Incidents</b>	<b>848</b>



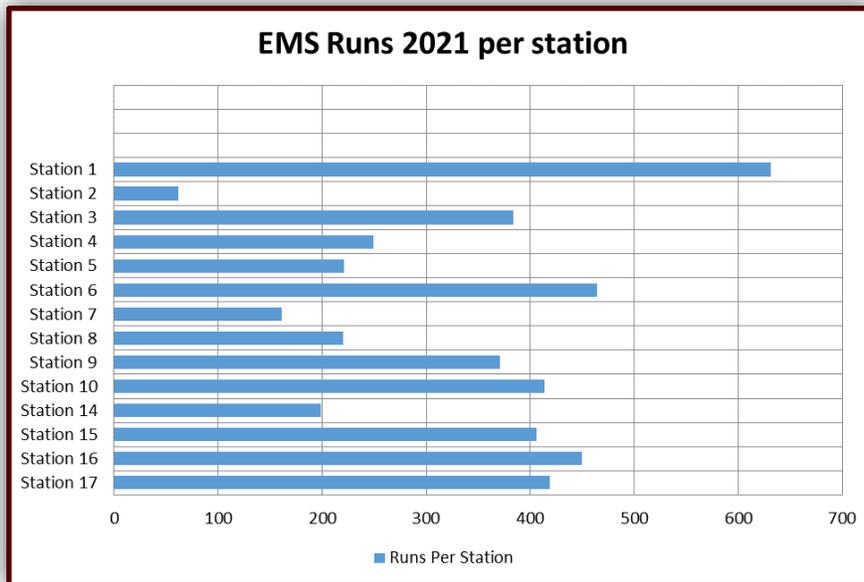
# EVANSVILLE FIRE DEPARTMENT

## OPERATIONS DIVISION

**Calls for service by hour of day 01/01/2021 to 12/31/2021**



**EMS Runs 2021 per station**



**EMS Runs per Station 2020**

Station 1 / 631	Station 2 / 62
Station 3 / 384	Station 4 / 249
Station 5 / 221	Station 6 / 464
Station 7 / 161	Station 8 / 220
Station 9 / 371	Station 10 / 414
Station 14 / 199	Station 15 / 406
Station 16 / 450	Station 17 / 419



# EVANSVILLE FIRE DEPARTMENT

## QUARTERMASTER DIVISION

The Evansville Fire Department Quartermaster Division was established in 2014 to oversee the repair and replacement of the gear that protects our firefighters. Yearly inspections, spot checks and firefighter-initiated repair requests are the most common means of achieving this. Firefighter safety is the number one focus of the Quartermaster.

The goal is to maintain two sets of gear for each firefighter that allows the firefighters to change into a backup set in the event their primary set is dirty or needs repairs. Modern fires contain a high content of man-made materials including microfibers, polyurethane foam filled sofas and recliners, engineered wood, polyesters, synthetics and plastics which produces far more carcinogenic pollutants on the gear of firefighters than the common house fire of yesteryear and is linked to the terrible increase of cancer rates.

Maintenance of firefighter gear consists of cleaning, inspection and repair. NFPA recommends that this is done at least once per year. The Quartermaster Division documents all of this through tracking software, with all cleaning and repairs entered in a PPE tracking software. The Quartermaster Division now performs almost all repairs in-house, which includes patching, replacing Velcro, fixing suspender and liner attachments, pocket replacements, pocket dividers, zipper repairs and helmet liner replacements among others. The Quartermaster also performs occasional tests on the PPE including the water resistance ability of liners and boots.

Not only does the Quartermaster save money by performing the work in-house, but since this job is dedicated solely to fire gear, unlike local contractors, the down time waiting for the work to be done and therefore the time the firefighters are without their second set is greatly reduced. The option of sending gear back to a manufacturer for repair adds even more turnaround time due to shipping and the higher amount of gear shipped in from all around the country that are typically awaiting repairs.

Sometimes special circumstances arise that make the Quartermaster position useful. One such case is the COVID-19 pandemic. Several crews were sent home after possible contact with patients known to have or was highly suspected to have this virus. In cases like this, the crews were instructed to bag their gear and time was set aside by the Quartermaster from normal duties to retrieve the gear and put it through a decontamination process. The gear was quickly removed from the stations to avoid possible contamination with incoming crews and therefore the public they serve. The gear was then decontaminated for use of the affected crew upon their return. During these processes, N95 masks, face shields and medic gloves were worn when handling this gear. In addition, normal pick-up and delivery procedures included the use of this equipment to protect all fire personnel involved and by extension the public with whom they may come in contact from cross-contamination.

Firefighter turnout gear is recycled in different ways when it comes to the end of its useful life. Once the gear is deemed no longer safe to be in a dangerous high-temperature environment, the Quartermaster either strips the gear useful parts and uses those parts to repair other gear or it is patched up so the Training Division can utilize much of the recycled gear for non-fire training scenarios. This thereby reduces wear and tear on the firefighter's frontline gear during training exercises that include breaching walls, confined space training and roof breaching training that is notoriously hard on the gear.



# EVANSVILLE FIRE DEPARTMENT

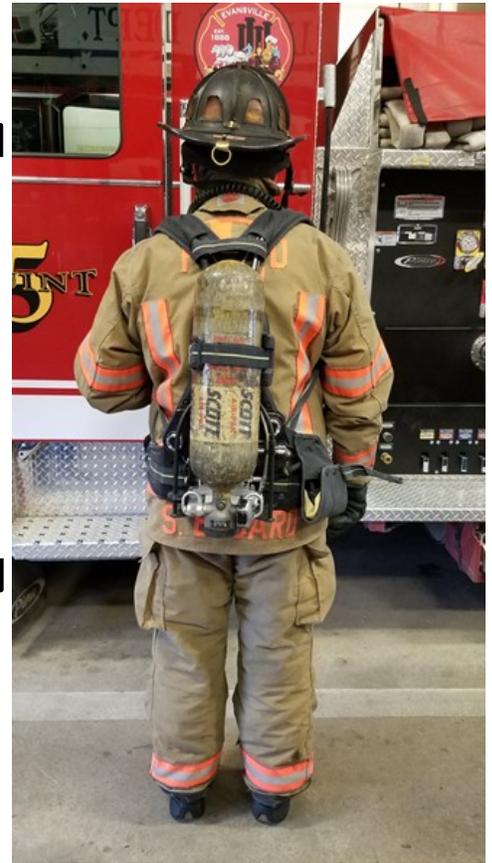
## QUARTERMASTER DIVISION

# COST TO OUTFIT A FIREFIGHTER



### COST BREAKDOWN

Helmet:	\$ 255
Particulate Hood:	\$ 105
Bunker Coat:	\$1,200
Bunker Pants:	\$ 936
Gloves:	\$ 95
Leather Boots:	\$ 425
Water/Shock/Heat Resistant Radio	\$2,350
SCBA:	\$5,400
SCBA Face piece:	\$ 250
<b>Total Cost</b>	<b>\$11,016</b>



**Pictured Above: Captain Steven Bogard, Station #5, in Basic Turn Out Gear**

Firefighter turnout gear that is deemed unfit for active firefighting is recycled in different ways. Some turnout gear parts are striped and used on other gear for repairs. Gear that is deemed no longer safe for firefighting is utilized by the Training Division for non-firefighting scenarios, which reduces the wear and tear on frontline gear during training exercises.

Evaluation of firefighter gear will be an ongoing process for the Quartermaster Division. The Quartermaster, along with the Fire Chief, Assistant Chief, and the Safety Committee will continue to seek out PPE that best fit the Department's needs and keep the firefighter safe. Proper care and maintenance of firefighter PPE will not only help to keep firefighters safe on the job; it will help to prevent future illness. Exposure to hazardous contamination left on the gear is one of the leading causes of death in firefighters, active duty and retired. Firefighters help to protect our city; the Quartermaster Division in turn helps to protect our Firefighters.

# EVANSVILLE FIRE DEPARTMENT

## QUARTERMASTER DIVISION

“Personal Protection Equipment” (PPE), more commonly known as Turnout Gear, is the response uniform worn by firefighters when answering an emergency call for service. The tools needed for a particular emergency determines the weight of the turnout gear the firefighter wears in response. Below, Captain Steven Bogard of station #5 demonstrates the difference in uniforms and the weight of gear a firefighter carries in response to emergency calls.

**Pictured below: Captain Steve Bogard, Station 5**



Station Wear  
212 lbs.



Basic Turn Out Gear  
281 lbs.



“Armed for Battle”  
305 lbs.



# EVANSVILLE FIRE DEPARTMENT

## QUARTERMASTER DIVISION



### Quarterly Report

FOR THE PERIOD ENDING 31 DECEMBER 2021



### QUARTERMASTER REPORT

	COATS	PANTS	HOODS	GLOVES	BOOTS	SUSPENDERS	HELMETS / LINERS	TRAFFIC VESTS	BULLET RESISTANT VESTS	SCBA MASKS / HARNESES	MISC.
CLEANED	81	76	63	41	0	6	1	0	0	20	2 loads of gym towels
REPAIRED*	37	21	0	2	2	1	1	0	0	2	1 ladder guard, 1 SCUBA strap
REPLACED / ISSUED	18	18	20	20	7	15	0	0	0	7	1 helmet front
RETIRED	9	20	5	11	6	1	0	0	0	0	

MISC: \*REPAIRS CONTAINS NUMBERS OF GEAR REPAIRED NOT THE NUMBER OF REPAIRS PER PIECE. \*\*8 HOSE STRAPS WERE MADE FOR STATIONS 1, 3 & 6. Also extractor repair @ 16 & ESB strap.

### DON'S CLEANERS

	COATS	COAT LINERS	PANTS	PANT LINERS
CLEANED	0	0	0	0
REPAIRED	1	0	0	0

TOTAL, 1 OCTOBER TO 31 DECEMBER 2020:	\$15.92†
TOTAL, 1 OCTOBER TO 31 DECEMBER 2019:	\$0.00
TOTAL, 1 OCTOBER TO 31 DECEMBER 2018:	\$28.83
TOTAL, 1 OCTOBER TO 31 DECEMBER 2017:	\$0.00
TOTAL, 1 OCTOBER TO 31 DECEMBER 2016:	\$0.00
† THE EFD STILL HAS A CREDIT AT DON'S, CARRIED OVER SINCE 2016, WITH \$643.37 REMAINING.	
YTD NEW NEW GEAR PURCHASES (4 <sup>th</sup> QUARTER 2020: \$30,593.10)	\$75,182.26

Evaluation of firefighter gear will be an ongoing process for the Quartermaster Division. Along with the Fire Chief, Assistant Chief, and the Safety Committee, the Quartermaster Division will continue to seek out PPE that best fit the Department's needs. The cost of maintaining the quartermaster division and the replacement of associated gear pale when compared to the associated heartbreak and medical costs generated by not having a proper system in place to insure safety.

Proper care and maintenance of firefighter PPE will not only help to keep firefighters safe on the job; it will help to prevent future illness. Exposure to hazardous contamination left on the gear is one of the leading causes of death in firefighters, active duty and retired. Firefighters help to protect our city; the Quartermaster Division in turn helps to protect them.



# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION



*Above: Members of Recruit Class performing aerial ladder training at the EFD Training Facility .*

The Evansville Fire Department (EFD) Training Division oversees Fire and Emergency Medical Services (EMS) training for the department's 273 members. Recruit Class #62-21 added 15 new firefighters to fill vacancies in 2021.

Upgrades to the EFD/Indiana Firefighter Training System District 10 Training Facility were made consisting of the purchase of furniture, a new computer, taking possession of steel shipping containers to be used in building a live-fire training prop, and miscellaneous equipment and consumables used in fire training.

The Coronavirus Pandemic once again impacted the Training Division and the Evansville Fire Department as a whole. Incumbent Firefighter training once again relied heavily upon training at the company (station) level.

EMS Manager Keith Current was named the David J. Edwards Memorial EMS Primary Instructor of the Year and the Evansville Fire Department was named the 2021 Indiana Basic Life Support (Non-Transport) Provider of the Year at the Indiana Association of Fire Chiefs annual Indiana Emergency Response Conference. This is the third year in a row that EFD has received the Indiana Basic Life Support (Non-Transport) Provider of the Year award.

Instructor Rick Whitehouse retired in January 2021 after 32 years of service with EFD and some 18 years in the Training Division.

### TRAINING DIVISION PERSONNEL

#### **Mike Ewald**

District Chief - Chief of Instruction  
1A40

District Chief Mike Ewald is responsible for the daily operations of the Training Division. He is an 18-year member of the EFD and assumed the role of Training Chief in 2016. Prior to his promotion to District Chief, he most recently served as Captain, Rescue 3 – First Platoon.

#### **Steve Jordan**

Instructor  
1A42

Instructor Steve Jordan is a 26-year member of EFD and has served in the rank of Instructor since 2016. Instructor Jordan has previous experience as a Lieutenant on Engine 10, a Fire Inspector and Second Platoon Fire Investigator prior to joining the Training Division. In 2019, Steve Jordan received the Indiana Association of Fire Chiefs Instructor of the Year Award at the Indiana Emergency Response Conference Awards Ceremony.

#### **Jennifer Hunt**

Instructor  
1A43

Instructor Jennifer Hunt joined the Training Division in February 2019. She previously served as a Captain on Quint 9 before her promotion to Instructor. She is a 21-year veteran of the EFD.



# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION

### Training Division Personnel continued:

#### **Dan Brown**

Instructor  
1A44

Instructor Dan Brown was promoted to Instructor in 2020. He previously served as Captain on Engine 15 and Engine 3, Third Platoon, before his promotion to Instructor. He is a 21-year veteran of the EFD.

#### **R. Keith Current**

Emergency Medical Services (EMS) Coordinator  
1A45

Keith Current oversees the emergency medical service operations of the Evansville Fire Department. He is responsible for instruction, certification, policies, equipment and supplies pertaining to EFD's response to calls for medical assistance. Keith is a retired EFD Captain following a 22-year career who re-joined EFD as a civilian employee as EMS Manager in 2014. In 2021, Keith was named the David J. Edwards Memorial EMS Primary Instructor of the Year at the Indiana Fire Chiefs Association Emergency Response Conference. Under Keith's direction, EFD was again named the 2021 Indiana EMS Fire-Based Basic Life Support Provider of the Year at the Conference for outstanding care for our EMS patients.



### **EFD Training Division Staff**

Left to right: Instructor Dan Brown, Instructor Steve Jordan, Chief of Training Mike Ewald, Instructor Jennifer Hunt, and EMS Manager Keith Current

Photo Credit: EFD Photographer John M. Buckman III

# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION



Fire Chief Mike Connelly, and FDNY Battalion Chief David Morkal (via Zoom), discuss the 20th Anniversary of the 9/11 attacks on New York City with the Recruit Class #62-21 in the Training Facility Classroom.

### TRAINING FACILITIES AND APPARATUS

#### **Evansville Fire Department Administration Building**

550 S.E. Eighth Street, Evansville, IN 47713

The EFD Administration Building houses the offices of the Chief of Instruction, Fire Instructors and the EMS Manager, as well as storage of supplies and reference materials. The warehouse portion of the facility houses a small scale “House/ Apartment” prop which is used for search and rescue training as well as various other firefighter training evolutions.

Additional amenities at the Administration Building which are used frequently by the Training Division include the Fitness Gym/Locker Room, the Administration Building Classroom, two Conference Rooms and the Quartermaster Area for cleaning and maintaining personal protective equipment.

#### **Evansville Fire Department Training Facility**

2301 Buchanan Road, Evansville, IN 47720

The EFD Training Site is a 1.5 acre site used for various training evolutions. The paved site contains a 5-Story concrete Training Tower, a 1,200 SF Classroom Building, a Fire Behavior Burn Chamber, a multi-use Roof Ventilation Prop Building, a propane-fueled Car Fire prop and a Forcible Entry door system prop. The site has electric power and two municipal fire hydrants. The large, paved area is also used for EFD emergency vehicle Driver-Operator training.

The EFD Training Site serves as the Primary Training Site for the 12 counties comprising District 10 of the Indiana Firefighter Training System. In doing so, the facility is available for use by departments within District 10.

# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION



The EFD Training Division relies on the use of Reserve EFD Apparatus during Recruit Academies.

### **Training Engine (Left)** 1E907

Engine 907 is normally housed at Fire Station No. 7 on the City's west side and is routinely used and temporarily housed at the Training Facility as needed. E907 is a fire engine equipped with a 1,500 gallon-per-minute (GPM) fire pump, a 500-gallon water tank, hose, ground ladders and tools.

### **Training Quint (Bottom Left)** 1Q909

Quint 909 (Q909) is normally housed at Fire Station No. 9 on the City's east side and is routinely used and temporarily housed at the Training Facility as needed. A Quint is a single apparatus that provides a fire pump, water tank, aerial ladder, multiple ground ladders and fire hose. On the fireground, it can be used as either an Engine, a Ladder Truck, or both. Q909 is equipped with a 1,500 GPM fire pump, a 500-gallon water tank, a 75-foot aerial ladder, fire hose, multiple ground ladders, and tools.

### **Mobile Cascade Unit (Bottom Right)** MCU-1

The Evansville Fire Department took delivery of a new Mobile Cascade Unit built by Breathing Air Systems. The unit contains a fill station and 4 – 6,000 psi air cylinders. It allows for re-filling self-contained breathing apparatus (SCBA) cylinders at the EFD Training Facility as well as other training locations or incident scenes. In addition to filling spent cylinders, the unit carries 33 spare SCBA cylinders.



# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION

### PANDEMIC IMPACT ON FIRE TRAINING

In 2021, the Training Division continued to support EFD Fire Chief Mike Connelly's Emergency Incident Action Plan to deal with the worldwide Coronavirus Pandemic. The Training Division and EMS Manager continued to manage the supply of personal protective equipment (PPE) for firefighters and facilities during the Pandemic. Under the direction of the Training Division, the EFD supply of PPE was increased, with supplies of critical items like N-95 respirators, surgical masks, personal protection kits, medial gloves, sanitizers and disinfectants.

In 2021, EFD continued to see a rise in the administration of Narcan (Naloxone), a drug used to reverse the effects of opioid use. EFD EMS Manager Keith Current worked closely with the Vanderburgh County Health Department and his network of EMS providers to keep EFD crews supplied with Narcan throughout the year.

### FIRE TRAINING

The Training Division participated in the following activities related to Professional Development, Fire Department Public Relations, New Recruit Firefighter Training, Probationary Firefighter Training, Incumbent Firefighter Training, Training Facility Improvements and Equipment Testing in 2021:

#### Professional Development

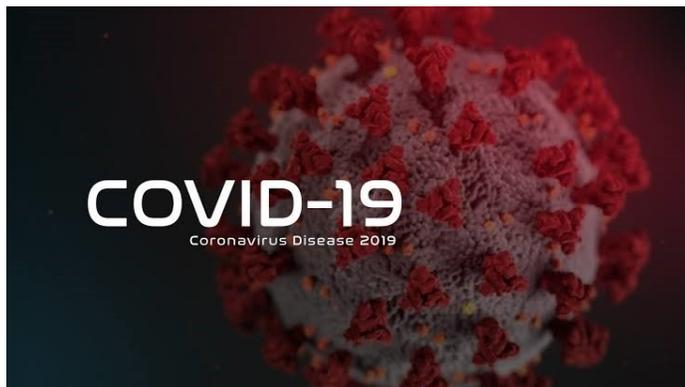
EFD Instructors attended the Fire Department Instructors Conference (FDIC) in Indianapolis, IN. FDIC is the world's largest fire instructor conference. EFD's Instructors attend training classes and seminars, view fire equipment and apparatus, and network with other fire instructors from around the world. The experience received at FDIC is then brought back and used in developing and delivering EFD training programs.

District Chief Ewald serves on the Indiana Firefighter Training System District 10 Training Council, serving as the Evansville (career) Fire Department representative. The Council consists of Fire Chiefs and Training Officers who work to advance firefighter training within the 12 counties in SW Indiana that make up District 10.

#### Fire Department Public Relations

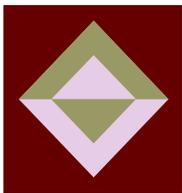
The Training Division is regularly called upon to promote the training performed by EFD firefighters. Public relations events allow the citizens of Evansville to see the behind-the-scenes work EFD firefighters do to stay mentally and physically prepared to respond to emergencies. 2021 was no exception as our local media partners were invited to closely cover our unprecedented high rise fire training event at the 18-story 420 Main Street Building.

Additionally, each year the local media covers Recruit Firefighter training and graduation from the Recruit Academy.



# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION



Top Left: Roof Ventilation Prop Building

Top Right: Gas-fired Car Fire Prop

Bottom: Five-story Training Tower Building



# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION



*Left: Chief of Instruction Mike Ewald Discussing EFD's high-rise fire training activities performed at the 18-story 420 Main Street Building with local media covering the event.*

### **Incumbent Firefighter Training**

The Evansville Fire Department Training Division strives to provide meaningful training to its 240-plus Suppression Personnel in an effort to maintain proficiency and expand on their basic knowledge and skills. In doing so, the Training Division works to comply with the requirements of the Indiana Occupational Health & Safety Administration (OSHA), the National Fire Protection Association (NFPA) and the Insurance Services Office (ISO) with regard to training.

During a typical year, the Training Division oversees OSHA-Required / ISO Recommended Facility Use Training by some 240 Suppression personnel. The continued response to the Pandemic limited the ability to provide some of the normal training evolutions in 2021.

#### Annual Training

- OSHA Work Performance (Firefighting Skills) Evaluation
- OSHA Required Training

#### Quarterly Training for interior structural firefighters

- Facility Use Training Sessions at the EFD Training Facility

# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION



Left:

EFD Firefighters performing search and rescue during training at the 420 Main Street Structure.

Bottom:

The 18-Story 420 Main Street Building prior to implosion.

### High Rise Training at 420 Main Street

After working for two years to secure access and prepare the vacant 420 Main Street Building, the Evansville Fire Department Training Division delivered high-rise fire training evolutions to the 240-plus firefighters in the Suppression Division. The training consisted of a simulated office fire with a victim rescue in a suite of offices on the seventh floor. The opportunity to use the 18-story high-rise structure for realistic fire training was the culmination of many months of planning and coordination between the building owners, developers and the EFD Training Division. Shortly after the training was completed, the building was imploded to make way for new construction on the site.



# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION

The Training Division supports Company Officers in scheduling, planning and providing daily Company Level Training. Company Level Training provides refresher training on basic skills and maintains competency. EFD Suppression personnel completed some 70,000 hours of daily Company Level Training in 2021.

Company Level Training topics include, but are not limited to: Driver/Operator; Pre-Plans; Rope; Hose, Ladders; Communications; Pump / Aerial / Rescue Operations; Ventilation; Fire Behavior

The Training Division supports Company Officers in completing Existing Company Officer Training. Existing Company Officer Training provides training based on Incident Command, Incident Critique and Leadership topics.

### Probationary Firefighter Training

The Training Division coordinated the completion of Probationary Firefighter Training and Driver Certification for 14 Probationary Firefighters during 2021. Following graduation from Recruit Academy, the Probationary Firefighters must complete required monthly training in addition to their regular duties in the fire station. Probationary Firefighters are required to demonstrate the completion of specific skills training each month until the one-year anniversary of their employment. Additionally, Probationary Firefighters must pass the EFD Driver Certification program that tests their ability to safely and effectively operate fire department apparatus.

Driver Certification includes:

Roadway driving and Indiana Emergency Vehicle Operations; Maneuvering Course; Pump Operations; Aerial Operations; Static Water Source Supply (Drafting); and Safety Considerations.



*Above:  
An EFD Probationary Firefighter Jones performing her Pump Operator practical skills testing as part of her Driver Certification testing.*

# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION

### ISO PPC Review

EFD underwent a review by the Insurance Services Office (ISO) in 2021 to see if EFD's Property Protection Classification (PPC) would improve, decline or remain unchanged. The PPC is used by insurance underwriters to determine insurance rates for properties within a community. Fire departments are evaluated every five years. EFD held a PPC rating of Class 3/3X going into the review. PPC ratings range from 1-10, with 1 being the best possible PPC. Less than 1% of departments in the Country achieve the Class 1 PPC rating and few achieve PPC Class 2.

Several aspects of the City's fire protection are evaluated, including the Dispatch Center, Water Supply System, Fire Department Response, Staffing, Equipment and Training. Due to the impacts of Covid-19, 2019 training data was evaluated. The Training Division had made a concerted effort to improve EFD's training and it was projected that EFD would gain an additional 2.0-to-2.5-point improvement in training credit alone. Preliminary indications by the Field Reviewer indicated that the improved training scoring would play a major part in EFD improving to at least a Class 2/2X PPC. EFD is awaiting the final PPC rating from ISO as of the writing of this report.

### Recruit Firefighter Training

The Training Division provides written and hands-on basic skills training for new Recruit Firefighters during the first 16-18 weeks of their employment with the City of Evansville Fire Department. Upon graduation from a Recruit Academy, the requirements for new Career Firefighters set forth by the Indiana Board of Firefighting Personnel Standards and Education are met and/or exceeded.

EFD Recruits receive Indiana Firefighter I/II, Hazardous Materials Awareness and Operations, Technical Rescue Awareness and National Registry (Indiana) Emergency Medical Technician (NR-EMT) certifications following the completion of 480 hours of fire training and 240 hours of EMT training. In 2021, Recruit Class #62-21 produced 15 EFD Probationary Firefighters. Through an agreement with the City of Boonville, IN, the Boonville Fire Department sends their new firefighters to attend the EFD Recruit Academies.



*Above: The 15 members of EFD Recruit Class #62-21 with Fire Chief Mike Connelly and the EFD Training Division/. (Photo credit: EFD Photographer John M. Buckman III)*

# EVANSVILLE FIRE DEPARTMENT

## TRAINING DIVISION

### Equipment Testing and Evaluation

The Training Division performs annual Ground Ladder Testing in accordance with NFPA 1932 for all department apparatus and performs annual Self-Contained Breathing Apparatus facepiece and Air Purifying Respirator mask fit testing in accordance with NFPA 1500 and NFPA 1404 for all new and incumbent suppression personnel. Due to safety concerns related to the Pandemic, only new hires and individuals were fit tested on an as-needed basis in 2021.

EFD teamed up with Dinges Fire Equipment to test and evaluate their LION Fire Attack System products to produce simulated smoke and fire conditions during the high-rise fire training conducted at the 420 Main Street Building in 2021. Innovative liquid smoke machines and LED panels allowed the Training Division to create a realistic visual effect on the seventh floor of the building where the use of actual live fire was prohibited.



*Simulated smoke and fire in an office on the seventh floor of the 420 Main Street Building using the LION Digital Fire Attack System provided by Dinges Fire Equipment, for high-rise fire training evolutions performed by EFD.*

# EVANSVILLE FIRE DEPARTMENT

## EMS DIVISION

### EMS TRAINING

The Evansville Fire Department first responds to all Delta response calls with American Medical Response (AMR), and when requested by the Evansville Police Department and other agencies. According to information obtained by searching Emergency Medical Service reports that were submitted into the Firehouse EMS reporting system. The Evansville Fire Department responded to 10417 overall calls in 2021, with the EMS Division responding to 5010 of those calls for assistance. That shows that EMS runs accounted for 48% of the overall run volume of the Evansville Fire Department in 2021, broken down in categories:

The most drastic increases in our responses from 2020 to 2021, was a 58% increase in **hemorrhage (bleeding) runs**, a 57% rise in **allergic reaction** runs, and a 39% increase in **forcible entry** runs.

**Back Pain** runs decreased by 46%, **stroke** runs decreased by 26%, **cardiac arrest** runs decreased by 9%, and **diabetic** runs decreased by 8% in 2021.

### Covid-19

Covid-19 was a big factor in EMS responses in 2021. Run volume increased due to the pandemic, from 4841 in 2020 to 5010 in 2021, a 3 ½% increase, mostly in response to increased Covid-19 runs.

### Training

Our total monthly EMS training man-hours for 2021 was 7435. We also are sending out online training and keeping records for numerous EPD officers and other agencies who are certified at the EMT level.

### Mandatory Training

We completed Blood borne and Airborne Pathogen training in January, which is an annual OSHA requirement. We also added Lockout/Tag out with the OSHA program. With the opium and opioid epidemic, we continue to train the entire department as to how to administer Narcan, and we carry Narcan on all EFD apparatus.

### 2021 EMS Incidents

Abdominal Pain	58	
Allergic Reactions	33	
Animal Bites	4	
Assaults/Rapes	26	
Back Pain	7	
Difficulty Breathing	771	15.4%
Burns	3	
CO/Hazmat	4	
Cardiac/Resp. Arrest	163	
Chest Pains	594	11.8%
Choking	43	
Seizures	411	8.2%
Diabetic	116	
Drowning	0	
Electrocution	3	
Eye Injury	0	
Falls	301	
Headache	5	
Cardiac Emergency	76	
Heat/Cold Emergency	25	
Hemorrhage	90	
Industrial Accident	2	
Overdose/Poisoning	146	
Overdose/Narcan Used	279	
Pregnancy	43	
Psychiatric Emergency	73	
Sick Person	36	
Shooting/Stabbing	74	
Stroke	35	
Motor Vehicle Crash	781	15.6%
Traumatic Injury	15	
Unconscious Person	484	9.7%
Dead At Scene	191	
Unknown	0	
Manpower	0	
Lift Assist	79	
Forcible Entry	39	
TOTAL	5010	

# EVANSVILLE FIRE DEPARTMENT

## EMS DIVISION

### **Emergency Medical Technician (EMT) Classes**

The Evansville Fire Department in conjunction with our recruit academy, completed 1 Emergency Medical Technician class of 242 hours, in 2021 with a 100% pass rate, certifying 14 new EFD firefighters as EMTs. These classes are also mandated by the State of Indiana to complete the National Registry exam and become National Registered EMTs, which we also recorded a 100% pass rate.

### **Emergency Medical Technicians**

The Evansville Fire Department recertified 1 Paramedic, 140 Emergency Medical Technicians, and 25 Emergency Medical Responders in 2021. The Evansville Fire Department currently has 85% of its members certified as EMTs or Paramedics. Everyone on the department is at least certified at the Emergency Medical Responder level.

### **Audits**

Currently the Evansville Fire Department audits a minimum of 98% of its EMS calls, including 100% of cardiac arrest runs and runs where medication is administered.

### **Vital Signs**

The Evansville Fire Department tracks the following vital signs: blood pressure, heart rate, and respiratory rate. We maintain a 99% compliance in obtaining at least partial vital signs on runs where we arrive prior to AMR.

### **Medication Administration**

The Evansville Fire Department EMTs are certified to either administer or assist in, administering oxygen, aspirin, glucose, nitroglycerin, Narcan, and Epi-Pens. We are also allowed to use glucometers to check patient's blood sugar, capnography to check oxygen supplied, and 12-lead EKG's to check heart rhythms, but we do not carry those instruments on the apparatus. We average nearly 99% compliance in oxygen administration, and nearly 98% compliance in administering aspirin for chest pain patients per our protocols.

The Narcan that we give our patients who overdose, is supplied through a grant from the Indiana State Board of Health, and is distributed to us locally by the Vanderburgh County Health Department. All EFD apparatus are supplied with Pulse-Ox units, but glucometers are not carried on the apparatus at this time.

### **Supplies/Equipment**

We continue to purchase our medical supplies from the local ambulance provider, who has a largely discounted rate for their supplies, due to the volume that they purchase. There are some items that are purchased at a lower rate from a couple of other suppliers.

### **Programs/Events**

- Worked with the Southern Indiana Technical School in certifying 16 of their students as EMRs.
- Worked with Chief Zuber with scheduling, compliance, preparedness and supplies for the continuing Covid-19 Pandemic.
- Worked with Chief Bowden and Chief Zuber, providing on-duty crews for medical support for the 100<sup>th</sup> West Side Nut Club Fall Festival.
- Worked with AMR to certify all EFD Academy Class candidates in CPR and AED Training.
- Worked with Deaconess to certify all EFD Academy Class candidates in the Stop the Bleed program.

# EVANSVILLE FIRE DEPARTMENT

## EMS DIVISION

### Awards and Recognition

The Evansville Fire Department and EMS Coordinator Keith Current were recognized by the Indiana Fire Chief's Association at the 2021 Indiana Emergency Response Conference in Indianapolis. EFD was selected as the Indiana Non-Transport Basic Life Support (BLS) EMS Provider of the Year for outstanding care with our EMS patients. This is the third straight year that EFD has received this award.

Evansville Fire Department EMS Coordinator Keith Current was selected to receive the David J. Edwards Memorial Award, as Primary (EMS) Instructor of the Year at the conference.



*Above: EMS Coordinator R. Keith Current selected as the 2021 David J. Edwards Memorial Primary (EMS) Instructor of the Year at the 2021 Indiana Emergency Response Conference.  
(photo credit: EFD Photographer John M. Buckman III)*

# EVANSVILLE FIRE DEPARTMENT

## SPECIAL OPERATIONS & PLANNING

Special Operations coordinates the activities of the Evansville Fire Department (EFD) Hazardous Materials, Dive, Rope, Confined Space, and Technical Rescue Teams. The Planning Section assists the Chief to develop or manage significant planning efforts as directed or required. EFD participates with a number of Public Safety Partners to develop Safety & Security Incident Action Plans for significant events. Those Public Safety Partners include: Evansville Police Department, Vanderburgh County Sheriff's Department, American Medical Response, Vanderburgh County Suburban Fire Departments, Vanderburgh County Central Dispatch, Vanderburgh County Emergency Management Agency, Indiana National Guard 53<sup>rd</sup> Civil Support Team, and other State & Federal Agencies.

### 2021 Special Operations Incidents

- ◆ Low-angle or confined space rescue – 2
- ◆ Water rescue related events – 27
- ◆ Technical Rescue events - 79
- ◆ Natural gas/LPG leak – 270
- ◆ Chemical hazard, spill, or leak – 51
- ◆ Carbon monoxide incident – 96
- ◆ Assist Law Enforcement—132

### PLANNING SECTION

In 2021, the EFD developed an Incident Action Plan (IAP) for the July 4<sup>th</sup> Fireworks display that was utilized by EFD, EPD, AMR, EMA, and Central Dispatch. Additionally, in 2021 the EFD Planning Section developed an IAP for the 2021 Fall Festival. The IAP was utilized by EFD, EPD, AMR, VCSD, EMA, 53<sup>rd</sup> Civil Support Team, and Central Dispatch. The Evansville Fire Department supported these special events with dedicated incident management, fire, hazmat, and/or EMS services.

**The Planning Section also assists with Phase 1 Environmental Site Assessment reports.** A **Phase 1 Environmental Site Assessment** is a specific study for the presence or potential presence of hazardous substance or petroleum product releases into the soil and/or groundwater, as well as, into structures, which can migrate through the floor to the subsurface. EFD maintains archived records of such hazmat events/spills to research potential hazmat contamination per the address of concern. In 2021, EFD completed, and researched 82 Phase 1 Environmental Site Assessment requests for 153 properties.



# EVANSVILLE FIRE DEPARTMENT

## SPECIAL OPERATIONS AND PLANNING

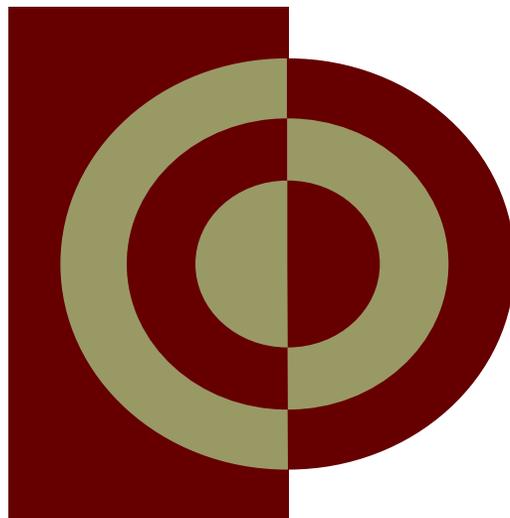
The objective of the Emergency Planning and Community Right-To-Know Act (EPCRA) is to: allow state and local planning for chemical emergencies, provide for notification of emergency releases of chemicals, and address communities' right-to-know about toxic and hazardous chemicals. Therefore, as a representative of the Vanderburgh County Local Emergency Planning Committee (LEPC), EFD received and recorded; 185 Vanderburgh County facility Tier II reports containing chemicals of reportable quantities within those facilities. The EFD Hazmat team utilizes Computer Aided Management of Emergency Operations (CAMEO) software to utilize these Tier II reports to manage hazmat incidents and develop incident action plans. District Chief Bowden is EFD's LEPC representative.

In addition to being a representative of the LEPC, Chief Bowden is also a representative of the Area Maritime Security Committee (AMSC) Sector Ohio Valley.

Some responsibilities of the AMS Committee are:

- ◆ Identify critical port infrastructure and operations
- ◆ Identify risks
- ◆ Determine mitigation strategies and implementation methods
- ◆ Develop and describe the process to continually evaluate overall port security
- ◆ Provide advise to, and assist the COTP in, developing the AMS Plan

*The AMS Committee also serve as a link for communicating threats and changes in Maritime Security*



# EVANSVILLE FIRE DEPARTMENT

## HAZARDOUS MATERIALS TEAM

The HazMat Team consists of 52 firefighters who are trained as hazardous materials technicians stationed at Stations 1 & 10. They utilize our well-equipped Ferrara Hazmat Truck and 35' Hazmat trailer with Command Space. Should mass decontamination be required, firefighters will deploy our TVI decon tent capable of decontaminating both ambulatory & non-ambulatory patients. Therefore, allowing EFD to modestly and efficiently decontaminate patients involved in a chemical spill. Our hazardous materials team represents Southwest Indiana as the IDHS District 10 Weapons of Mass Destruction (WMD) asset, as WMDs are a hazmat incident with “an attitude”.

Firefighters must undergo rigorous training to remain proficient and competent as hazardous materials technicians, thus training to identify unknown substances with a cadre of instruments on our hazmat trailer, or donning a “Level A” suit to stop a Chlorine leak just to name a few. The Hazmat team leaders are Captains Shadrick, Knight, and Bacon.



### EFD Purchases for the Hazmat Team in 2021 include:

Masks Canisters and PPE	\$2,328
Test Strips	\$ 100
Detection Equipment Sensors	\$4,097
Detection Equipment Calibration Gas	\$3,899



2021 IAFF / EFD HazMat Tech Class

# EVANSVILLE FIRE DEPARTMENT

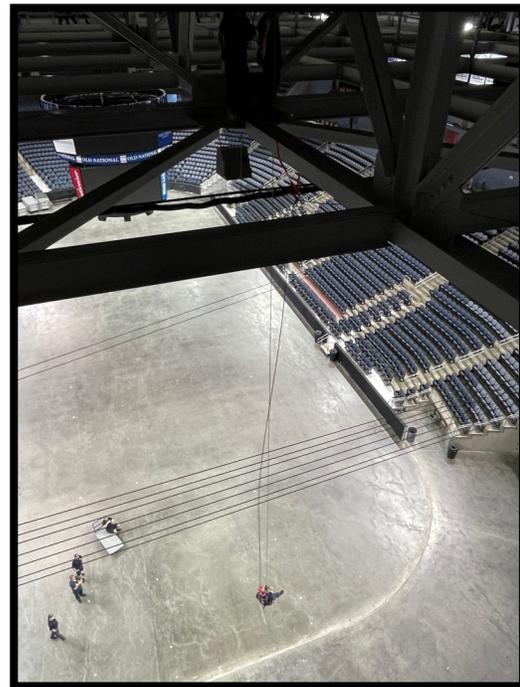
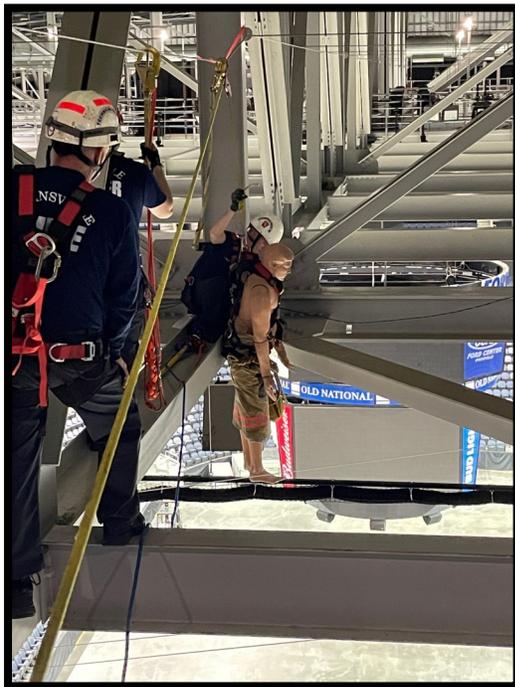
## ROPE/CONFINED/TECHNICAL RESCUE



32 firefighters represent EFD as Rope Rescue Technicians, and all equipment is housed on Rescue 1 and Ladder 1. Captains Will, Scheller, and Lt. Reiter serve as team leaders and instruct their respective shift in the effective and safe use of raising and lowering systems, and other technical evolutions. The team utilizes a full cadre of ropes, harnesses, carabiners, pulleys, intrinsically safe communications, surface supplied SCBA air system, and Skyhook systems tripod. The team utilizes our four-story training tower, local grain bins, water treatment plant, and the Ford Center for their high rise & confined space rescue evolutions.

### EFD purchases for the rope team in 2021 included:

Rope, Harnesses, Pulleys, Lanyards, Straps	\$3,277
River Rescue Rope, Rope Rescue Truck Cache Kit with MPD (R3)	\$3,424



Rope Training at the Ford Center

# EVANSVILLE FIRE DEPARTMENT

## TECHNICAL RESCUE TEAM

EFD is the host of the Indiana Department of Homeland Security (IDHS) District 10 Technical Rescue trailer. The Technical Rescue Team Leaders are Captains Parker, Jordan, and Lieutenant Seib. The Tech Rescue trailer provides the ability to respond to building & trench collapse incidents, thus providing specialized equipment that requires specialized training. The District 10 team has 23 members from the EFD.

### EFD purchases for the TRT team in 2021 included

Wood/Materials for shoring	\$1,475
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EFD assisting Newburgh Fire Department for a Structural Collapse from a truck vs building

# EVANSVILLE FIRE DEPARTMENT

## DIVE TEAM

The Dive Team consists of 28 firefighters who are trained as Public Safety and Dive Rescue Specialist divers. The divers respond from fire stations within Evansville, but the cadre of equipment is at Station #3, and thus all firefighters from Station #3 support the team as dive tenders, boat operators, or equipment maintenance. The dive team utilizes Intespiro Divator & OTS Stealth full-face dive mask with underwater communications, and DUI dry suits that enable divers to enter contaminated or cold waters. DUI TLS350 Public Safety dry suits have been added to the PPE inventory to diversify our dry suit capability, and the flexibility of their Zip Seal technology to better fit more divers around their necks & wrists. Should water rescue operations require the need of a boat, EFD is fortunate to have three capable boats, one of which was newly purchased in 2018. Our primary boat is a 22' Scorpion aluminum hull, V8 jet-drive boat that is also capable of providing 2,500 gallons of water per minute for firefighting operations, and a Hummingbird side scan sonar allowing us to scan the bottom of the Ohio River for submerged objects. The new Rescue One boat is 16.5' and powered by a 60HP Mercury outboard motor with driver's console, emergency & scene lighting, and a Helix Side/Down Scanner. EFD's new boat will be our primary boat for Pigeon Creek or similar waters, and assist our 22' Scorpion on the Ohio River. In 2019, we replaced our Zodiac inflatable with a Zodiac ERB 380 inflatable with a 20 HP Mercury outboard motor. The Zodiac will be utilized for lake responses, and to support our two Ohio River boats. Captain Grubb serves the dive team as its Instructor, and Captains Barnard, Brown, and Brock serve as team leaders.

### EFD purchases for the dive team in 2021 included



◆ Dive Equipment Service Agreement	\$1,289
◆ Communications Equipment and Repair	\$1,139
◆ Two DUI Dry Suits—Full Encapsulation	\$4,390
◆ Zip Seals for Dry Suits	\$1,642
◆ JW Fishers Pulse 8x Metal Detector	\$2,279
◆ Consumables and Re-certifications	\$ 337



Diver hooking up a submerged car in the Bee Slough



EFD Water Team assisted EPD looking for a gun in Diamond Lake.

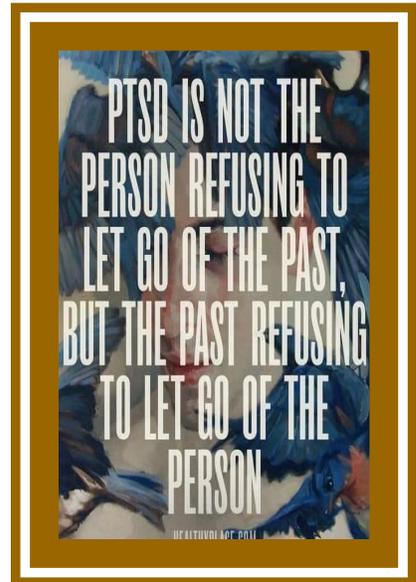
# EVANSVILLE FIRE DEPARTMENT

## PEER SUPPORT TEAM

The year 2021 looked very similar to 2020 with CoVid-19 continuing to cause stress, fatigue, illness, and loss amongst those of the public and those on the front-lines, such as the members of the Evansville Fire Department. The Peer Support Team remained available to all members and neighboring agencies to assist as needed, Covid-19 related or otherwise.

A few members of the team met with City-County dispatchers to assist in the initiation of their own Peer Support Team. The support team also continues to hold meetings on a regular basis and remain in contact with the Employee Assistance Program (EAP) representatives to make utilizing their services a smooth endeavor for the department employees.

The EFD Peer Support Team received a generous donation of \$5,000 from Full Throttle Automotive that will enable a number of team members to attend training, seminars and conferences in 2022. The team members will then share their training and session information with fellow support team members. The Peer Support Team looks forward to continuing to serve our brothers and sisters to help build resiliency in order to bounce back better and stronger when faced with adversity on the job.



From Left to Right:  
Peer Support Team Member Sean Farmer  
Owners of Full Throttle Automotive, Edward & Brandi Caswell

# EVANSVILLE FIRE DEPARTMENT

## A DAY IN THE LIFE

On the Evansville Fire Department firefighters are on duty 24-hours a day, 7-days per week, 365-days per year. There are three different duty platoons. As a firefighter you are assigned to one of the three duty platoons. A day in the life of a firefighter on the Evansville Fire Department starts early in the morning. The tour of duty starts at 7:00 am. But in order to be ready to respond to an emergency at 7:00 am you must arrive a few minutes early. Usually around 6:45 am or earlier. Each tour of duty is 24 hours. Each work period (work week) is three non-consecutive workdays followed by 4 days off. That time off allows you to recover from the demands of the world's most satisfying and trusted profession. At any time during the 24 hour tour of duty (shift) you may be called to an emergency, so you must be ready to drop everything at a moment's notice and respond to an emergency call! There are 4 firefighters assigned to each truck. You are a firefighter and report for duty to the Company Officer. He or she is in charge of the fire apparatus that day.



6:45 am. Daily Checks. You start the day by readying your personal protective equipment, (turnout gear) to be ready for a call that could occur at any moment. Next you will check the fire apparatus (truck) for all equipment in place and ready for action. That includes fire suppression hose, nozzles, forcible entry tools, and medical response equipment. Batteries need to be fully charged, tools must be clean and in good repair and Self Contained Breathing Apparatus (air packs) must be fully pressurized and operate properly.

7:00 am. Administration. The Company Officer who is in charge of the fire apparatus will log the inventory and note any special maintenance requests of equipment concerns.

7:30 am. Breakfast time. After breakfast it is time to clean up after yourself. Your Mom doesn't work here! If you want to eat you need to either bring food in or be ready to chip in on the cost of a meal as a group.

9:00 am - 11:00 am. Exercise/Training. Firefighting is one of the world's most physically demanding professions. In order to do the job well each firefighter must maintain a state of physical fitness. At some point throughout the day time will be made to exercise both for strength and endurance. Updates on the latest medical treatment protocol, testing out a new style of fire attack nozzle or learning how to use new technology may be the focus for this particular tour of duty. Learning street locations, operating fire apparatus, and studying building construction. There is no limit to the number of subjects that we may study. Firefighting is more than just "putting the wet stuff on the red stuff!"

12:00 pm. Lunch. Firefighters are known to have good meals and share them together. At some point during each tour of duty there is time to take a break. Usually during afternoon hours it is a prime time to nap. Most fire calls come during overnight hours. Sleep deprivation is a huge factor in quality of life for the firefighter (you). To be sure you are able to think clearly and perform effectively you need to be sure and rest if you need it when you can.

5:00 pm. Supper. The firefighting family that eats together grows closer together. This bond is unlike any other work environment with the exception of the military.

7:00 pm. Down Time. Typically this time of day is down time. Most firefighters spend time watching television, playing cards, reading books, etc. Overnight you may be called to respond to emergency runs, but you are trained, healthy and equipped to perform to your best ability!

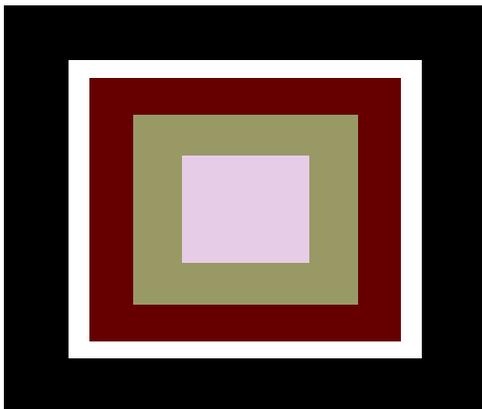
# EVANSVILLE FIRE DEPARTMENT

## HEALTH & SAFETY DIVISION

The Health & Safety Division is tasked with managing the overall health and safety of the men and women of the Evansville Fire Department (EFD). We utilize a multi-faceted approach:

- The Health & Safety Division is tasked with managing the overall health and safety of the men and women of the Evansville Fire Department (EFD). We utilize a multi-faceted approach:
- Annual Comprehensive Physical Exams. To include: blood work, cancer & cardiac screening, pulmonary function, and fitness assessment.
- Annual Work Performance Evaluation (WPE). Utilized annually to insure firefighters are physically fit to perform required firefighting skills while wearing all firefighter protective equipment.
- Peer Fitness Trainers (PFTs). Should a firefighter require fitness and/or diet coaching, our PFTs can assist in the development of a program to address a firefighter's fitness & health goals. Each fire station is equipped with a treadmill, weight lifting rack, and weights. The EFD Administration Fitness Area can be enjoyed by all and includes: treadmills, stair steppers, rowers, ArcTrainer, and a myriad of weights.
- Mental Health - during times of crisis we strive to provide professional & personal support via: EFD Peer Support Team. This is a team of EFD firefighters whom have received training to provide confidential counseling, or simply a shoulder of support. Also the Employee Assistance Program (EAP) Mental Health Professionals.

The Health & Safety Division is tasked with tracking & documenting our COVID related incidents and the expense of COVID labor disruptions. EFD is participating in the National Fire Incident Reporting System (NFIRS) COVID Special Study #9244. COVID Protocol runs mandated an escalation of EMS Personal Protection Equipment (PPE) to include N95 masks and/or splash protection.



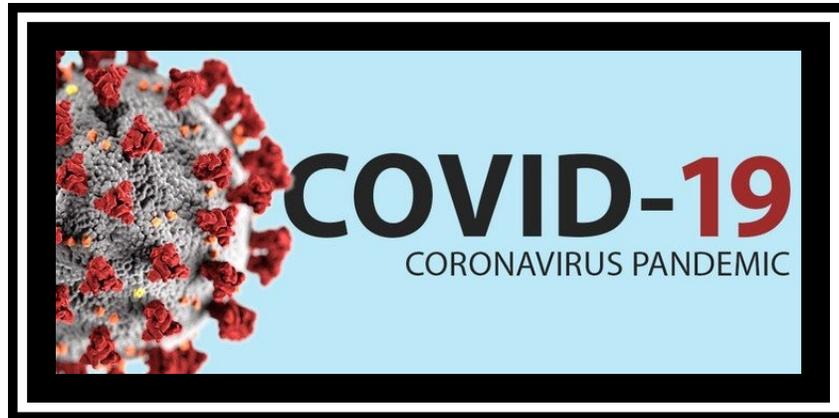
### NFIRS SPECIAL STUDY #9244 2021

Month	COVID Protocol Runs	Unit Time, Hours	Unit Cost, Total
January	47	18	\$2,452
February	16	5	\$718
March	39	13	\$1,897
April	21	6	\$830
May	8	3	\$439
June	9	3	\$379
July	10	2	\$360
August	36	11	\$1,656
September	36	13	\$1,939
October	13	3	\$474
November	8	3	\$465
December	25	8	\$1,085
<b>TOTALS</b>	<b>268</b>	<b>89</b>	<b>\$12,693</b>

# EVANSVILLE FIRE DEPARTMENT

## HEALTH & SAFETY DIVISION

COVID is not selective, and the virus has impacted our firefighters just like everyone else. However, when one of our firefighters is ill from COVID, we are still bound to service, and must replace that ill firefighter and man his open position. We call that “backfilling” in the Fire Service. The labor disruption has presented a significant financial impact to EFD in 2021.



2021 EFD COVID LABOR DISRUPTION COST							
Month	Quarantine Hours	Quarantine Cost	Quarantine Backfill Hours	Quarantine Backfill Cost	Restriction Backfill Hours	Restriction Backfill Cost	Monthly Total Cost
January	2,260	\$53,432	4,168	\$101,001	1,876	\$54,339	\$208,772
February	72	\$1,697	144	\$3,399	2,200	\$60,463	\$65,559
March	24	\$446	48	\$1,138	0	\$0	\$1,584
April	512	\$12,117	288	\$6,967	0	\$0	\$19,084
May	96	\$1,867	192	\$4,832	0	\$0	\$6,699
June	24	\$616	48	\$1,138	0	\$0	\$1,753
July	360	\$7,544	672	\$16,514	0	\$0	\$24,057
August	1,156	\$27,848	1,771	\$43,602	0	\$0	\$71,450
September	770	\$17,095	1,292	\$31,951	0	\$0	\$49,046
October	200	\$6,694	192	\$4,525	0	\$0	\$11,220
November	404	\$8,405	686	\$16,472	0	\$0	\$24,877
December	2,386	\$52,574	2,632	\$63,703	0	\$0	\$116,277
Totals	8,264	\$190,334	12,133	\$295,241	4,076	\$114,802	\$600,378

The goal of EFD is no work place injuries, however we work and train in very hostile environments and we did not achieve that goal in 2021. In 2021 we had 24 firefighter injuries, and 13 days of lost time. Eleven injuries required treatment by a Physician or the Deaconess Comp Center.

# EVANSVILLE FIRE DEPARTMENT

## INSPECTION/INVESTIGATION

The Evansville Fire Department Fire Marshal's Office consists of 2 divisions: Inspection and Investigations. The Inspections Division consists of 8 Deputy Fire Marshals. The Fire Investigation Division consists of 3 investigators. Both of these divisions are under the leadership of the Chief Fire Marshal for the City of Evansville.

Serving others through Fire Prevention and Investigation services is the mission of the Fire Marshal's Office. This is accomplished through the 3 E's of Fire Prevention, Education Enforcement, and Engineering.

The mission of the Fire Investigation Division of the Fire Marshal's Office is to find the cause and origin of fires so that it benefits all, with the development of fire codes, educational programs and engineering solutions to prevent the future loss of life, and property from fires.

The Evansville Fire Departments' mission was challenged by operating in a pandemic outbreak of COVID-19. This had a tremendous impact on the service this office provides to the citizens of Evansville.

Like the rest of the world, we continue to face this challenge by finding new ways to continue to serve in this new normal. An example of this was working with the Mayor's Office in the Evansville business relief program. This program will help local restaurants maximize their permitted operations in compliance with the Governor's Roadmap to Reopen Indiana (Executive Order 20-26) and other Executive Orders still in force.

### **Education**

The Fire Prevention Division of the Fire Marshal's Office has the privilege of conducting fire safety, community risk reduction, and fire extinguisher classes to the citizens of the community. This is a great opportunity to spread the mission of the division by educating the public on the proactive measures that they can take to prevent the loss of life and property loss from the devastation of fire.

The public can request fire safety classes by going to the department's website located at [www.evansvillegov.org](http://www.evansvillegov.org).

### **Enforcement**

The Evansville Fire Department is responsible for protecting, and inspecting commercial (Class 1) properties with an assessed value of over \$ 2,198,324,800.00 in the city limits.

The Inspection Division conducted over 1,995 commercial inspections of properties within the City of Evansville. These inspections identified 1,490 fire code violations which required 471

Fire inspection follow ups within the 2021 fiscal year. Other enforcement activities this office conducted are as follows: 77-Fire Pre-Plans inspections, 215 -interagency inspections with the Evansville/ Vanderburgh County Building Commission & Indiana State Fire Marshal's Office, 110-Knox Key Box checks, 15-Company Tours, and 107-Fire Alarm/Sprinkler Checks.

The Fire Marshal's Office received a total of 17 citizen's complaints in reference to fire hazards in places of occupancies, most common complaint is in places of assembly and was blocked exits.

In an effort to better serve you and help to prevent fire hazards in commercial occupancies, the Fire Marshal's Office has provided a list of the 10 Most Common International Fire Code (IFC 2012) Violations. This can assist you in eliminating potential fire hazards in your business and staying in compliance with the fire code.



# EVANSVILLE FIRE DEPARTMENT

## INSPECTION/INVESTIGATION

### The 10 Most Common Fire Code Violations

1. Obstructions in front of electrical panels. (Violation of **IFC 315.3.3 Equipment rooms**. Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms.)
2. Use by occupant of extension cords/multi-plug adaptors. (Violation of **IFC 605.5 Extension cords/multi lug adaptors**. Extension cords and flexible cords shall not be a substitute for permanent wiring. Extension cords and flexible cords shall not be affixed to structures, extended through walls, ceilings or floors, or under doors or floor coverings, nor shall such cords be subject to environmental damage or physical impact. Extension cords shall be used only with portable appliances.)
3. Exit signs /emergency exit Lighting. (Violation of **IFC 1011.1 Where required**. Exits and exit access doors shall be marked by an approved exit sign readily visible from any direction of egress travel. The path of egress travel to exits and within exits shall be marked by readily visible exit signs to clearly indicate the direction of egress travel in cases where the exit or the path of egress travel is not immediately visible to the occupants. Exit sign placement shall be such that no point in a corridor is more than 100 feet (30 480 mm) or the listed viewing distance for the sign, whichever is less, from the nearest visible exit sign. Violation of **IFC 1011.3 Illumination**. Exit signs shall be internally or externally illuminated.)
4. Open electrical junction boxes. (Violation of **IFC 605.6 Unapproved conditions**. Open junction boxes and open-wiring splices shall be prohibited. *Approved* covers shall be provided for all switch and electrical outlet boxes.)
5. Address premise information. (Violation of EMC 96.55 & IFC 505.1 **Address Identification**. New and existing building shall have approved address numbers, building numbers or approved building identification placed in a position that is plainly legible from the street or road fronting the property. Violation of **City of Evansville Ordinance 96.55 Numbers Required**. All persons owning, occupying or serving as agents for any owner or shall have the street address numbers place on the building so public safety officials can see address number from the roadway.)
6. Combustibles in mechanical rooms. (Violation of **315.3.3 Equipment rooms**. Combustible material shall not be stored in boiler rooms, mechanical rooms or electrical equipment rooms.)
7. Open knockouts found in electrical panel circuit breaker boxes. (Violation of **IFC 605.6 Unapproved conditions**. Open junction boxes and open wiring splices shall be prohibited. *Approved* covers shall be provided for all switch and electrical outlet boxes.)
8. Obstructions found in front of exits. (Violation of **315.3.2 Means of egress**. Combustible materials shall not be stored in exits or exit enclosures for stairways and ramps.)
9. Obstructions in front of standpipe and sprinkler risers. (Violation of **IFC 509.2 Equipment access**. *Approved* access shall be provided and maintained for all fire protection equipment to permit immediate safe operation and maintenance of such equipment. Storage, trash and other materials or objects shall not be placed or kept in such a manner that would prevent such equipment from being readily accessible.)
10. No supporting on site documentation of inspection records on site. (Violation of **IFC 901.6.2 Onsite Records** documentation of all system inspections, test and maintenance required by fire code.)

# EVANSVILLE FIRE DEPARTMENT

## INSPECTION/INVESTIGATION

### Engineering

The engineering arena of fire prevention refers to the engineered solutions that can prevent incidents from occurring or mitigating the damage once they do occur. Fire sprinklers, smoke alarms, fire alarm systems and technologies to prevent the spread of fires are all examples of engineering solutions.

With this in context the Fire Marshal's Office has 2 fire inspectors assigned as plans review officers. A plans review officer is responsible for seeing that construction plans submitted by the design professional meet the requirements of the Fire Code for the type of occupancy that is being constructed.

In 2021 the Division reviewed over 263 plans for new construction and structures undergoing renovation. Some of the most notable projects that are occurring in the downtown area comprised of a new hotel and Multi use apartment and retail space.

This division also conducts follow-ups on fire protection system activations such as: automatic sprinkler systems, fire alarm systems, and smoke and heat detection systems. The purpose of fire protection system follow-up inspections are to determine if the designed system responded appropriately to the situation causing the activation. The Fire Marshal's Office conducted over 51 follow-ups on alarms and systems in 2021. Out of all of these system activations only 6 responded to an actual fire event with the alerting, detection, extinguishment and confinement of fire.

### Fire Marshal's Office, Investigation Division

The Fire Marshal's Office Investigation Division conducted 223 fire investigations in 2021. Looking at causes of fire within the City, allows the department to conduct a risk assessment as to where fires are occurring and the leading causes of fire. In 2018 the Fire Marshal's Office Investigation Division established an Arson Tip Line. In 2021 this has continued to be a very beneficial tool in the fight against arson crime in the City of Evansville.

Some of the most common fire causes in 2021 are as follows:

- Candle Use
- Fireworks Use
- Cigarette/Smoking material
- Accidental/Other
- Electrical
- Stove top/ Cooking
- Undetermined /Other
- Incendiary/ Open flame



# EVANSVILLE FIRE DEPARTMENT

## INSPECTION/INVESTIGATION

### 2021 FIRE, FATALITY, INJURY AND PROPERTY LOSS

TOTAL RESIDENTIAL FIRES	FIRES	DEATHS	INJURIES	PROPERTY LOSS	PROPERTY SAVED	INSPECTIONS
PRIVATE DWELLINGS	122	3	10	\$1,952,190.00	\$7,176,380.00	0
APARTMENTS	47	0	3	\$288,025.00	\$6,345,500.00	31
HOTELS	1	0	0	\$200.00	\$0.00	24
ALL OTHERS	1	0	0	\$0.00	\$0.00	
<b>TOTAL</b>	<b>171</b>	<b>2</b>	<b>13</b>	<b>\$2,240,415.00</b>	<b>\$13,521,880.00</b>	<b>55</b>
PUBLIC ASSEMBLY	5	0	0	\$25,500.00	\$1,660,000.00	121
SCHOOLS AND COLLEGES	2	0	0	\$22,000.00	\$10,000,000.00	42
HEALTH CARE	4	0	1	\$9,000.00	\$40,105,000.00	17
STORES AND OFFICES	17	0	0	\$1,408,500.00	\$12,135,500.00	659
INDUSTRY	10	0	1	\$220,000.00	\$31,670,000.00	41
STORAGE	24	0	0	\$1,180,300.00	\$2,204,000.00	93
OTHER STRUCTURES	6	0	0	\$3,500.00	\$0.00	967
<b>TOTAL</b>	<b>239</b>	<b>3</b>	<b>15</b>	<b>\$5,109,215.00</b>	<b>\$111,296,380.00</b>	<b>1,995</b>
FIRE IN HIGHWAY VEHICLES	73	0	0	\$190,950.00	\$0.00	N/A
FIRES IN OTHER VEHICLES	5	0	0	\$ 253,500 .00	\$0.00	N/A
NON- STRUCTURE/NON- VE- HICLE	11	0	0	\$6,000.00	\$0.00	N/A
FIRES IN BRUSH, GRASS, WILDLAND	74	0	0	\$0.00	\$0.00	N/A
ALL OTHER FIRES	214	0	0	\$0.00	\$0.00	N/A
<b>TOTAL FOR FIRES</b>	<b>616</b>	<b>3</b>	<b>15</b>	<b>\$5,559,880.00</b>	<b>\$111,296,380.00</b>	<b>N/A</b>
STRUCTURES FIRE INTEN- TIONALLY SET	28	0	3	\$1,236,000.00	\$0.00	N/A
VEHICLES FIRES INTENTIONALLY SET	5	0	0	\$12,500.00	\$0.00	N/A
<b>TOTAL INTENTIONALLY SET FIRES</b>	<b>33</b>	<b>0</b>	<b>0</b>	<b>\$1,248,500.00</b>	<b>\$0.00</b>	<b>N/A</b>
<b>TOTAL FOR ALL FIRES</b>	<b>649</b>	<b>3</b>	<b>15</b>	<b>\$6,808,380.00</b>	<b>\$111,296,380.00</b>	<b>N/A</b>

In 2021 a structure fire occurred within the City of Evansville every 1.77 days for a total of 649 occurrences for the entire year. These fires displaced a total of 103 citizens. Every 3.5 days someone was displaced by fire in 2021. The City sadly experienced 3 fatalities and a total of 15 civilian injuries from fire in 2021. Residential fires accounted for the most injuries with a total of 649 in 2021.

A significant performance measurement of fire loss can be found in the total value of property saved. In 2021 the Evansville Fire Department saved a total \$ 111,296,380.00 property value from fire. The total fire loss for the City of Evansville for both Residential and Commercial properties was a total of \$ 6,808,380.00 in property value.

The challenge is to reduce the risk of fire to the community through the “3 E’s” of fire prevention: education, enforcement and engineering.

# EVANSVILLE FIRE DEPARTMENT

## INSPECTION / INVESTIGATIONS

### 2021 FIRES ON-DUTY FIREFIGHTER INJURIES BY TYPE

	RESPONDING TO OR RETURNING FROM INCIDENTS	AT THE FIRE GROUND	AT NON FIRE EMERGENCIES	TRAINING	OTHER ON DUTY
BURNS	0	4	0	0	0
SMOKE OR GAS INHALATION	0	0	0	0	0
OTHER RESPIRATORY DISTRESS	0	0	0	0	0
BURNS AN DSMOKE INHALATION	0	0	0	0	0
WOUND, CUT, BLEEDING, BRUISE	0		2	0	2
DISLOCATION, FRACTURE	0	1	0	0	0
HEART ATTACK OR STROKE	0	0	0	0	0
STRAIN, SPRAIN, MUSCULAR PAIN	0	4	3	1	2
THERMAL STRESS	0		0	0	0
OTHER	0		4	0	1
TOTAL	0	9	9	1	5

# EVANSVILLE FIRE DEPARTMENT

## FLEET MAINTENANCE DIVISION

### 2021 SUBMITTED REQUESTS FOR MAINTENANCE

- (645) Truck Maintenance Request
- (136) Car Maintenance Request
- (97) Small Equipment Request
- (24) Truck Service's
- (19) Truck Pump Test
- (9) Aerial Inspection cleaned & lubed
- (19) Hose Test

### Lead Mechanic

Greg Lantaff

### Mechanics

Chris Cox

Jamie Nellis

Andy Hoffman



### Fire Hose sections replaced

5	5" X 100' hose
1	5" X 50' hose
1	5" X 25' hose
9	2 1/2 "hose
7	1 3/4 "hose



# EVANSVILLE FIRE DEPARTMENT

## FLEET MAINTENANCE DIVISION

### Apparatus/Vehicles/Equipment placed in service in 2021

Pierce Enforcer Aerial (Ladder 1)  
2 Dodge Durango's (Administration)  
1 NV200 Nissan Van (Facilities)  
2 Nissan Sentra (Fire Marshals)  
20 New Scott SCBA'S & 87 Air Cylinders



Top: Administration Vehicle

Middle Left: Facilities Maintenance Vehicle

Middle Right: Fire Marshal Vehicle

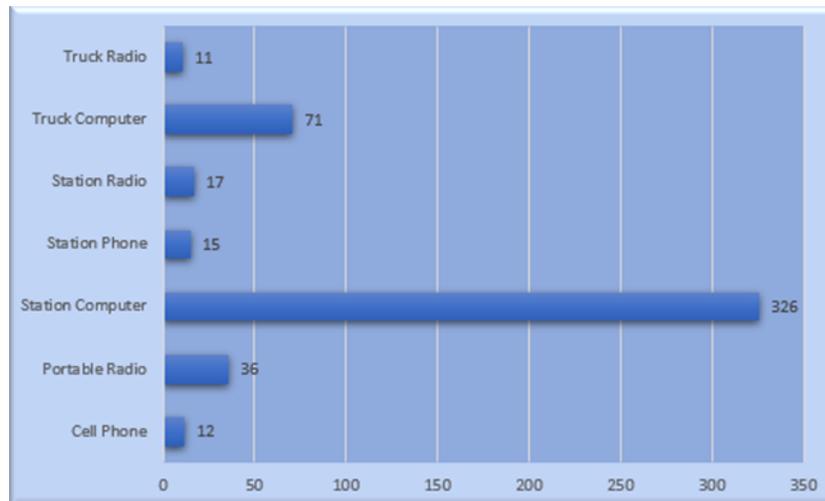
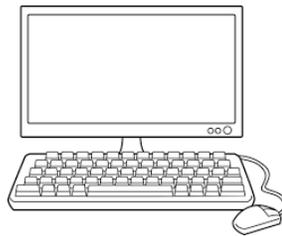
Bottom Left: Ladder 1

# EVANSVILLE FIRE DEPARTMENT

## COMMUNICATIONS DIVISION

Requests for computer & radio support are a part of the Communication Divisions day-to-day operations.

In 2021, there were 488 requests



The department upgraded the computer network at our training facility this year by increasing the network speed and connecting it to the city network. The training facility is located on the west side of Evansville at Buchanan Rd.

Our fire stations now have new Uninterruptable Power Supplies to replace older ones that have been failing. These units will protect the station computer and radio from electrical power surges and keep them running in the event of a short power outage.

We converted department forms from an outdated format to one that can be viewed on any computer.

New maps were created of the different fire station territories for use on the fire trucks.

# EVANSVILLE FIRE DEPARTMENT

## EFD PIPE & DRUM

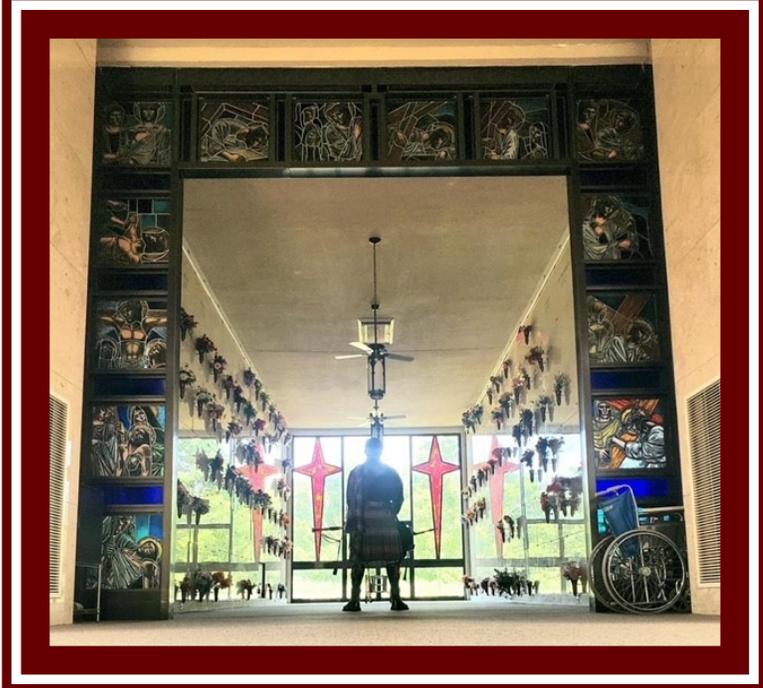
### EVANSVILLE FIREFIGHTERS PIPE & DRUM

#### Pipers

Greg Lehman, Evansville Fire  
Chad Buttry, Evansville Fire  
Adam Bigge, Evansville Fire  
Ryan Winger, Evansville Fire  
John Pace, Henderson Fire  
Billy Schwartz, Henderson Fire  
Keith Jeffers, Instructor

#### Drummer

Zerrick Wells  
Scott Township  
Fire Department



The Evansville Firefighter's Pipe and Drum Corps was founded in 2006 as a way to honor our fallen firefighters. We are a self-funded 501-C3 organization. We raise money through donations and fundraisers. The money we receive goes towards equipment, instruments and education.

We work closely with the Evansville Firefighter's Honor Guard. Every year we play at funerals of active and retired firefighters, police officers and veterans. We also have a Memorial Service honoring Evansville's fallen firefighter the Saturday before St. Patrick's Day every year. The Celebration is a way to remember the fallen firefighters. We were not able to hold this event in 2020 and 2021 due to Covid-19 restrictions and closures.

Even though many events were cancelled due to Covid-19 over the last two years, the Pipe and Drum Corp were still there for the families of our brothers and sisters. The Corp played at many funerals for the families of firefighters, police officers and veterans, as well as civilian families who would like a Pipe and Drum Corp service for their loved ones.

#### **The Pipe & Drum Corp Mission Statement**

We will honor the Original American Firefighter, those who have gone before us and those who have paid the ultimate price. We will instill in current and future ranks a new sense of pride and tradition. We will do this by playing at the funerals and events of active and retired firefighters, police officers and veterans.

Above :Adam Bigge

Below: Adam Bigge  
plays the pipes at a  
funeral.



# EVANSVILLE FIRE DEPARTMENT

## EFD HONOR GUARD



The Evansville Firefighters Local 357 Honor Guard was formed in August 1995 to honor fallen Evansville Firefighters. Our purpose is to show respect and honor to the family who paid a price through the years for their child, parent or spouse to be a part of this profession.

There were eight EFD retirees that passed away in 2021. The Evansville Firefighters Local 357 Honor Guard was privileged to participate in the services honoring them and their families.

Along with these services, the Honor Guard participated in EFD truck dedications, EFD recruit class graduations, 911 Memorial remembrances, the Indiana State Fallen Firefighter Memorial and the annual 911 Gives Hope Police & Firefighter boxing fundraiser.

The Honor Guard is composed of active and retired EFD personnel volunteering their time and resources. While operating exclusively on donations, the support from the EFD administration, the Local 357 union leadership and EFD personnel is essential to accomplish our mission.



# EVANSVILLE FIRE DEPARTMENT

## 2020 FIREFIGHTER OF THE YEAR

### 2020 GREEN RIVER KIWANIS FIREFIGHTER OF THE YEAR

#### FIRE MARSHAL RODNEY FRYE



The Green River Kiwanis selects a “Firefighter of the Year” based on peer nominations at the end of the year. Nominees for the 2020 FFOY were Captain Rick Scheller, Captain Chris Wagener, Quartermaster Bryan Hayden, Private Rob Ralph, Private Brad Roberts, and Private Ryan Dispenza.

Fire Marshal Frye was selected as the 2020 Firefighter of the year. Fire Marshal Frye is a 17 year veteran of the Evansville Fire Department in the Inspection Division.

A Billboard with his picture proclaiming his accomplishment was erected in his honor. Congratulations Fire Marshal Rodney Frye.

# EVANSVILLE FIRE DEPARTMENT

## 2020 FIREFIGHTER OF THE YEAR



During Fire Marshal Frye's off duty time, he volunteers for the Evansville Vanderburgh School Corporation, coaching 5<sup>th</sup> and 6<sup>th</sup> grade basketball. He stated that he will coach at any School that needs a coach. "I try to go where I think the kids could benefit from my life experiences and knowledge as I mentor them on life skills and try to provide them with discipline and direction" said Frye. "I also volunteer as a mentor through the Big Brothers and Big Sisters program (which I initially) signed up for during the Bigs with Badges initiative, which took place at the Evansville Fire Department Administration building.

Fire Marshal Frye continues to be a mentor to young men between the ages of 18 – 30 at the Annex Community Center. He also supports the "Annex" center physically and financially by volunteering time and financial resources..

During his career as a Firefighter, Fire Marshal Frye has completed the following classes: EMT-B, National Registry (prior to the EFD implementing the EMT course through the training program for new hires), Inspector #1, Inspector #2, CIT, (Crisis Intervention Team), which was taken in conjunction with the Evansville Police Department and Vanderburgh County Sheriffs Office. During his tenure as a Fire Marshal in the Inspection Division at the Evansville Fire Department, Fire Marshal Frye assisted with the Public Education Program and Recruiting for the Evansville Fire Department. He is currently enrolled at the Alabama Fire College, taking courses in fire and life safety education and enrolled at the National Fire Academy taking courses in Youth Firesetter Intervention.

# EVANSVILLE FIRE DEPARTMENT

## ADMINISTRATIVE DIVISION

### Chief Administration Officer

Civilians account for their work hours to the Chief Administration Officer. Calendar scheduling of events falls under this job description since it is an administrative position and is integrally involved in many aspects of department operation. Some duties are delegated directly from the Fire Chief.

The Chief Administrative Officer coordinates Fire Merit (promotional testing /discipline), Civilian staff and Public Information. The Division encompasses various aspects of the Evansville Fire Department. The Chief Administrative Officer coordinates all the disciplines to work harmoniously together to enable positive outcomes.

Part of the Administrative Officer's responsibility is to be the intermediary between the Fire Merit Commission and the Evansville Fire Department. The Fire Merit Commission has five members who oversee Promotional Testing, Disciplinary Issues, and Applicant Testing for the Evansville Fire Department. There are scheduled Merit Commission Meetings each month, and several Special Meetings throughout the year. 2021 was an Applicant testing year in which 345 applications were accepted, via an online form, in March & April, written testing in June, CPAT (Candidate Physical Ability Test) August thru October, and finally interviews in November. Our final 2-year eligibility list (2022-2023) was certified at the December Merit Commission Meeting.

### Public Information Officer

All scheduling of events falls under the Public Information Officer (PIO) job description because it is an administrative position and is integrally involved in many aspects of department operations. Some of these areas include scheduling fire station tours, truck request and safety education. The Chief Administrative Officer coordinates media updates at large fires or other incidents where EFD responds. Although this year, due to the COVID pandemic, several educational and community events were canceled. Typically, some additional duties include seasonal safety messages and reminders regarding fire safety during extreme weather conditions. Finally, the PIO showcases the department and the asset it is to the community at events like "National Night Out" which was moved to the CK Newsome Center parking lot in 2021.

### Fire Station Tours

Due to the recovery from the COVID pandemic, some station tours and interaction with the public were allowed on a limited basis.

### Safety Education

Schools, daycares, and neighborhood associations are always interested in educating their members. Our dedicated professionals provide safety insights specific to their facilities and age groups, and are happy to be involved in the greater community. We were able to accommodate several safety programs in 2021 but, it was somewhat limited due to recovery efforts from the pandemic. In 2020 we made an educational video of a Station Tour to share with our schools to help with the recovery and adhere to school policies. You may contact us to schedule safety education programs for your group or organization.



# EVANSVILLE FIRE DEPARTMENT

## SERVICE AWARDS

### *CELEBRATING 1 YEAR*

Corey A. Haury  
Adam D. Ulrich  
Jacob D. Zoch  
Paige N. Jones  
Andrew T. Nalin  
Daniel W. Ice  
Derek M. Cox  
Tyler H. Jepson  
Jesse W. Riddle  
Lucas H. Morrow  
Imran Awan  
Dalton E. Gray  
Samuel T. Bassemier

### *CELEBRATING 5 YEARS*

Brian J. Dispenza  
Joshua A. Petrig  
Derek A. Rollins  
Ian M. Pate  
Matthew C. Alexander  
Colton R. Blanchard  
Jamie L. Phillips  
Michael K. Kleeman  
Brian K. Richardt  
Ryan L. Winingier  
John W. Alexander  
Mathew J. Mastison  
Addison B. Crawford  
Paul G. Sink, Jr  
Joshua A. Utley  
Gregg J. Siebenkittel  
Eric L. Hetzel-Gaynor  
Ryan L. Valandra  
Collin W. Jackson  
Kenneth E. Woolsey  
Michael J. Fendley  
James E. Nellis

**EMPLOYEE**  
**RECOGNITION**

### *CELEBRATING 10 YEARS*

Marc C. Schiele  
Lucas D. Macke  
Christopher L. Ivy  
Joseph W. Hall  
Curtis W. Brown  
Brent A. Poag  
Clint E. Hoskins  
Adam J. Brock  
Richard J. Ottway  
Dustin R. Cline  
Chad M. Beckham

### *CELEBRATING 15 YEARS*

Brandon D. Barnard  
Jonathan R. Sprinkle  
Darryl E. Adler  
Jackson L. Staples  
Timothy J. Olsen  
Zachary A. Conner  
Nicholas W. Raber  
Shane A. Gray  
Daniel C. Marx  
Mark A. Kast  
Dustin A. Kaposta

### *CELEBRATING 20 YEARS*

Keith A. Reising  
Blake D. Fulton  
Cathleen M. Tamez

### *CELEBRATING 30 YEARS*

Jerry R. Cavins, Jr.  
Robert F. Shipman II  
Walter Tom Shadrick, Jr.  
Joseph G. Mayer  
Michael A. Baehl  
Michael L. Duncan  
Paul H. Anslinger  
Larry J. Zuber

# EVANSVILLE FIRE DEPARTMENT

## PROMOTIONS

*Congratulations*

### **PROMOTED TO DISTRICT CHIEF**

Keith Bowden  
Eric Eifert

### **PROMOTED TO CAPTAIN**

Nick Bratcher  
Jarrod Brown  
James Pfister

### **PROMOTED TO LIEUTENANT**

Charles Emsweller  
Greg Moore  
Jeremy Nelson  
Kenneth Woolsey

### **PROMOTED TO INSPECTOR**

John Conner

# EVANSVILLE FIRE DEPARTMENT

## 2021 NEW RECRUITS



KYLE ADLER



LYLE BOZARTH



WESLEY BROWN



CALEB CROWE



CODY CUNNINGHAM



JEREMY DODDRIDGE



CHARLES GARRISON



RYAN HIRSHMAN



NATHAN KLASSY



TRANDON MCCRAY



PHILLIP RIGGS



WYATT SENG



SARAH STIGLEMAN



KASE STOLTE



MATTHEW WOZNIAK



# EVANSVILLE FIRE DEPARTMENT

## RETIREES / RESIGNATIONS / DEATHS



### ***DISTRICT CHIEF***

District Chief Ray Goff  
32 Years

District Chief Tim Krack  
33.25 Years

### ***CAPTAIN***

Captain Douglas Tenison  
31 Years

Captain J Stucki  
43 Years

### ***LIEUTENANT***

Lieutenant Kurt Koewler  
29 Years

### ***INSTRUCTOR***

Instructor Rick Whitehouse  
32 Years

### ***PRIVATE***

Pvt. Daniel Johnson  
35.5 Years

Pvt. Daniel Hauschild  
33.5 Years

Pvt. Brett Bozarth  
32.5 Years

Pvt. Tim Mosby  
32.5 Years

Pvt. Dan DeVault  
32.25 Years

Pvt. Greg Holland  
27 Years

Pvt. Gary A Barr  
20.5 Years

### ***RESIGNATION***

Pvt. Ryan Otzmann

# EVANSVILLE FIRE DEPARTMENT

## FIRE PREVENTION & EDUCATION



Above: Saint James West preschool students with Firefighter Marc Dietsch.

Top Right: Salem Preschool students and Fire Marshal Rodney Frye and Firefighter Andrew Bowen.

Right and Bottom Right: Fisher Dynamics Company Fire Extinguisher Training with Fire Marshals Kevin Shelley and John Conner.

Bottom left: Salem Preschool students and Firefighter Daniel Orange



# EVANSVILLE FIRE DEPARTMENT

## FIRE PREVENTION & EDUCATION

Covid 19 restrictions were beginning to lift in 2021, allowing Fire Safety and Education in the community to resume.

### Schools, and Preschools:

Many school educators were enthusiastic to resume Fire Safety Education programs. Both Inspector Shelley and Inspector Frye, along with the many trucks and crews, were able to educate 500 Preschool students, 271 Kindergarten through 5<sup>th</sup> grade students, and 8 sixth through eighth grade students along with 175 teachers and staff. In this program the department covers the difference between toys and tools/ Tools, which includes matches and lighters, are not something to play with. We also discuss Smoke Alarms and what to do when an alarm is sounding. The primary point of the message is to **“Get Out, Stay Out, and Go To A Meeting Place.** With older students the department discusses cooking safety, as the kitchen is the most common place for a fire to start in the home. We also cover having two ways out of every room, having a plan, and practicing your escape.

### Southern Indiana Career and Technical Center

The department is invited each year to talk with a class from the Public Safety/Criminal Justice program at SICTC about a career as a firefighter. During this time, we also teach the students how to properly use a fire extinguisher.

### Civic Organizations

There have been several Civic organizations that have provided Fire Safety Education Opportunities to the Evansville Fire Department. United Neighborhood of Evansville has a monthly general meeting in which we have the opportunity to provide a brief Fire Safety Message each month. The YMCA, Carver Community Center, Easter Seals, YWCA, Holly’s House, WNIN, Boys and Girls Club, CMoe and several community churches have partnered with the Evansville Fire Department to provide a Fire Safety Message to our community.

### Fire Extinguisher Training

The Evansville Fire Department has a program to train businesses on the proper use of Fire Extinguishers. This year we had the opportunity to provide this education to Fisher Dynamics and to the custodial and maintenance staff of Evansville Vanderburgh School Corporation.



### Youth Fire Setter Intervention

2021 brought together a number of youths involved in firesetting. The Evansville Fire Department, with the assistance of the Evansville Police Department and the Juvenile Courts, have had six fires in which eleven youths were involved in setting the fires. Six of those youths attended the Youth Fire Setter Intervention Program through the Evansville Fire Department. The EVSC reported three students were involved in pulling fire alarms.

### Smoke Alarm Program

Home Depot donated 100 Smoke Alarms to the Evansville Fire department for installation in homes for continuation of the Smoke Alarm Program within the City of Evansville.

# EVANSVILLE FIRE DEPARTMENT

## COMMUNITY OUTREACH



**13th Annual Guns & Hoses**  
\$82,000 raised for local children's charities



**MCFD Smith vs VCSO Roe**  
Cheered by 6,000 fans, despite the pandemic



**2021 GUNS & HOSES BOXING TEAMS**

# EVANSVILLE FIRE DEPARTMENT

## COMMUNITY OUTREACH



December 3<sup>rd</sup>, 4<sup>th</sup> & 5<sup>th</sup>  
Help us fill the trailer for children spending Christmas in local Hospitals

Since 2009, 911 Gives Hope for The Holidays has brought comfort and joy to children spending Christmas in local Hospitals. Over the years, the generous spirit of Tri-State residents has filled semi-trailer trucks, that have been distributed to Deaconess, Deaconess Gateway, St. Vincent, Methodist Henderson, Evansville Ronald McDonald House, and the State Children's Hospital in Evansville.

Bring your new unwrapped gift to Walmart East at Burkhardt & Lloyd, Walmart West, Henderson Walmart or Henderson Chevrolet, Buick, GMC Trucks to ensure local children who are spending the holidays in the hospital have some extra sparkle this holiday season!

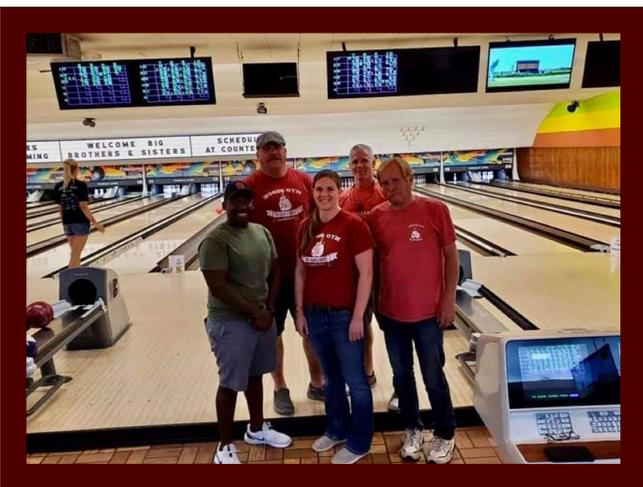
sponsored by:



911giveshope.com



**911 GIVES HOPE TOY DRIVE** at Walmart East. Another successful toy drive filling a 53 foot trailer and collecting \$11,000 for local hospitals to give to kids stuck in the hospital during the holidays. This is the drives 13th consecutive year and the most successful.



**2021 Bowling for Big Brothers and Sisters**

Front Row: Roy Wright, Rachel Gentry, and Larry Wildt. Back Row: Chad Emsweller and Mike Doran



**2021 Southwestern Indiana Hadi Highland Games**

The Evansville Fire Department, participated in the Hadi Highland Games to Benefit the Hadi Pipe & Drum Corps.

# EVANSVILLE FIRE DEPARTMENT

## COMMONLY ASKED QUESTIONS

### **How do I get a fire report?**

You may request a fire report in person at the Fire Department Administration Building located at 550 SE Eighth Street in Evansville, Indiana or contact the EFD Administration Building at (812) 435-6235. There is a nominal fee for a Fire report.

### **How do I report a fire code violation?**

You may report a fire code violation by contacting the Chief Fire Marshal at EFD Administration building by calling (812) 435-6235 or on the City's website under Citizens complaint Fire Hazards/Fire Code violations.

### **How do I schedule a Fire Station tour?**

You may submit a request for a tour by completing the request on the Evansville Fire Department's webpage located on the City's website at [www.evansvillegov.org](http://www.evansvillegov.org).

### **How do I request a Fire Safety Class?**

You may request a Fire Safety Class by completing the request form located on the Evansville Fire Department's webpage located on the City's website at [www.evansvillegov.org](http://www.evansvillegov.org).

### **Why are there names on the fire trucks?**

All new apparatus are dedicated in honor of a fallen firefighter.

### **How do I register my daycare with the Fire Department.?**

To register your daycare, please call the EFD Receptionist at (812) 435-6235.

### **Do you have to have a permit to have a recreational fire?**

You must have approval from the City of Evansville Fire Department (EFD). If the fire department responds to a reported fire and you do not have the proper permit on file, you may be fined. You may apply for a fire permit by completing a Fire Permit Application at the Evansville Fire Department, 550 SE Eighth Street, Evansville, IN or by calling the Evansville Fire Department Administration at (812) 435-6235, Monday through Friday between 7 a.m. and 4 p.m. daily.

### **What should I do if my Carbon Monoxide detector activates?**

If your alarm goes off, it is recommended that you exit the home and call 911. Carbon Monoxide is a colorless and odorless gas created by incomplete combustion of carbon-based fuels. This is commonly called the silent killer because it is not noticeable by smell or sight. A Dangerous gas that connects to blood cells at a rate of 200 times faster than oxygen. It is recommended that all homes have a working carbon monoxide detector.

### **Are you on Facebook or can you be followed on Twitter?**

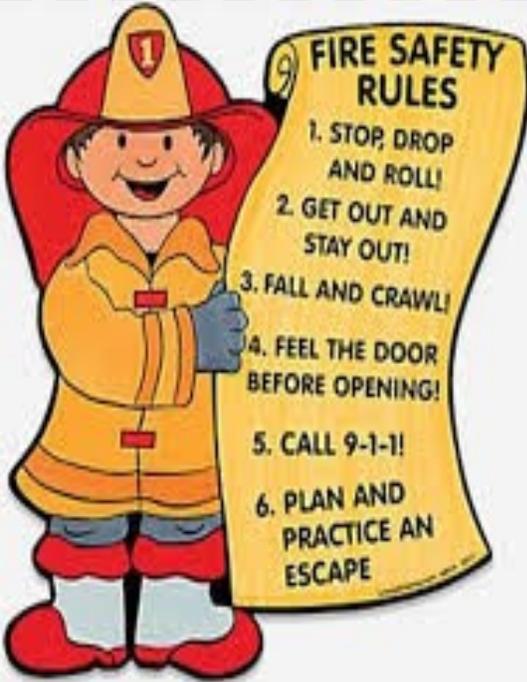
Yes, you may find us on Facebook/Evansville Fire Department and Twitter @EvansvilleFD



**BE SURE TO CHANGE THE BATTERY IN YOUR SMOKE DETECTOR!**

# EVANSVILLE FIRE DEPARTMENT

## KIDS CORNER



### STOP THE FIRES

Firefighters stop fires and save people from them. Help the firefighters stop the fires and find their way back to the firehouse.

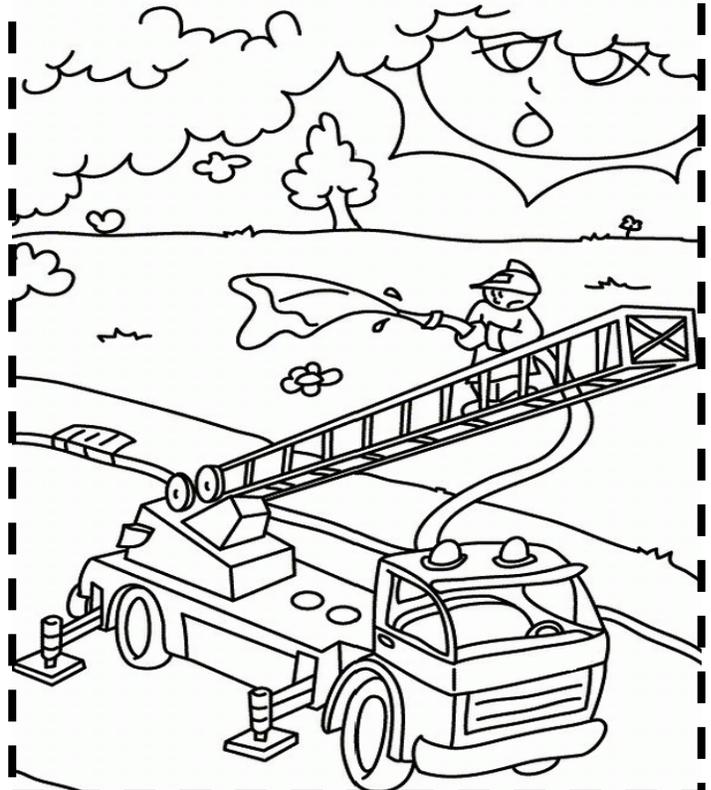
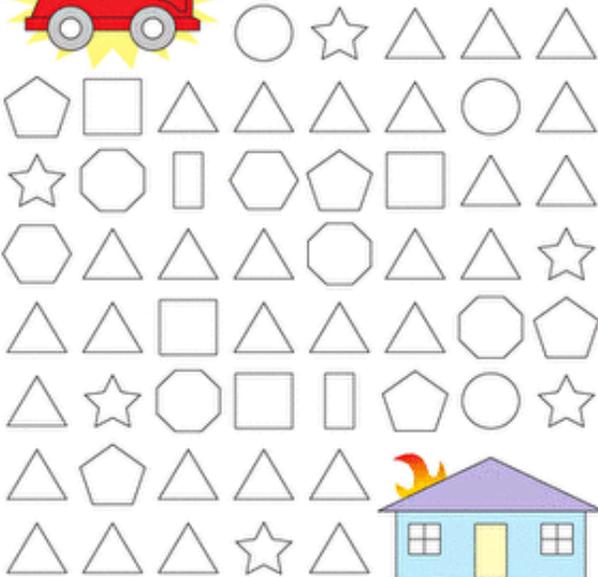


### PRACTICE SAFETY!

### TRIANGLE TRUCK



Steer the fire engine to the fire by coloring all the **TRIANGLES** along its path.



# EVANSVILLE FIRE DEPARTMENT



## EVANSVILLE FIRE DEPARTMENT

We are dedicated to preserving life, property, and the environment, utilizing effective principles and practices of modern fire science technology, technical rescue, emergency medical service and preventing fires through fire safety education, code enforcement, preplanning and fire investigation.



Cathleen Tamez, Editor/Publisher

## 2021 EXECUTIVE SUMMARY



## Firefighter's Prayer

- Author Unknown

When I am called to duty, God,  
wherever flames may rage,  
give me strength to save a life,  
whatever be its age.

Help me embrace a little child  
before it is too late,  
or save an older person from  
the horror of that fate.

Enable me to be alert,  
and hear the weakest shout,  
quickly and efficiently  
to put the fire out.

I want to fill my calling,  
to give the best in me,  
to guard my friend and neighbor,  
and protect his property.

And if according to Your will  
I must answer death's call,  
bless with your protecting hand,  
my family one and all.

