



City of Taylorville Fire Department

2024

End of Year Report



2024 End of year report

Matthew Adermann

1/1/2024

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Taylorville Fire Department



From the Desk of Fire Chief Matthew Adermann

2022 Annual Report Message

On behalf of the officers and members of the Taylorville Fire Department, it is with great pride that I present our Annual Report for 2024. This report serves to highlight the dedication, hard work, and commitment demonstrated by our members throughout the past year. It provides an overview of various key areas to showcase the efforts of our team.

2024 marked the second busiest year in the 138-year history of our department. Faced with increased demand for services, our team responded to a diverse number of calls. In this report, we will examine response statistics and compare our performance to national averages. In addition to managing a higher call volume, our department has successfully adapted to increased training requirements and reinforced our commitment to public education, consistently meeting and surpassing the challenges presented to us.

I would like to extend my heartfelt thanks to all members of the Taylorville Fire Department for their unwavering dedication throughout the past year. I would also like to express my sincere gratitude to Mayor Barry, Emergency Services Chair Dorchinez, our City Council members, the Taylorville Fire Protection District, Treasurer Miles, and City Clerk Richardson for their exceptional support.

Mission Statement:

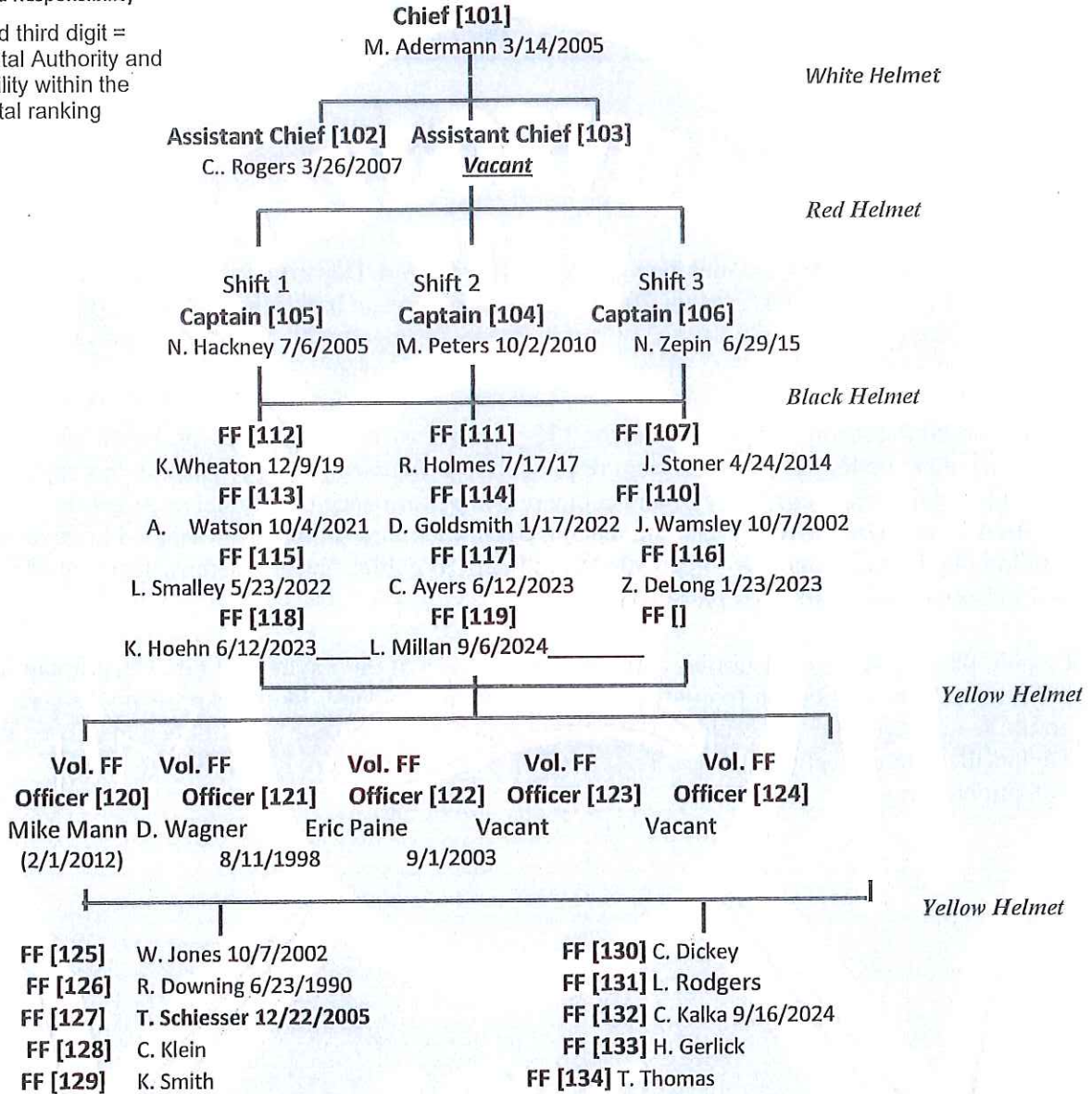
The purpose and mission of the Taylorville Fire Department is to reduce deaths, injuries, emotional distress, and property loss that may result from a wide range of community and individualized disasters. Our response goals of Life Safety, Incident Stabilization, and Environmental / Property Preservation will always be addressed prior to our return to the station. We will pursue our responsibilities through a tireless attention to public education, inspections, training, and the maintenance of our response physical resources.

Taylorville Fire Department Organizational Structure Chart

1/1/2024

First digit = Departmental Rank
Authority and Responsibility

Second and third digit =
Departmental Authority and
Responsibility within the
departmental ranking
structure



Members



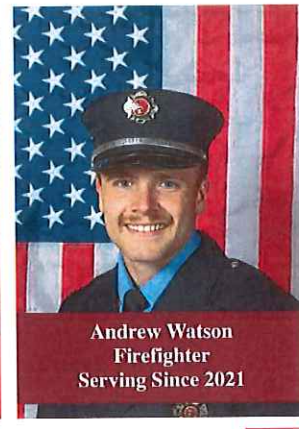
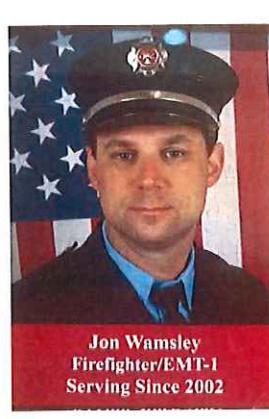
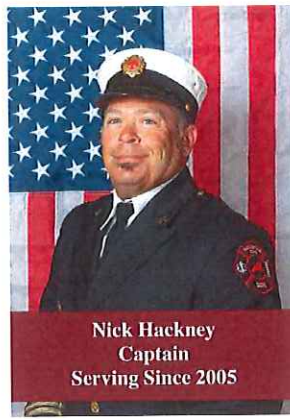
Career Staff

We are currently in the process of establishing our hiring eligibility list, which must be updated every two years. Testing began in October 2024, with an initial pool of 34 applicants. Once finalized, we anticipate having a list of 19 qualified candidates.

Regrettably, we are expecting some personnel departures as early as within the next four months:

- **Jon Wamsley** has expressed his intent to retire in July. FF Wamsley is responsible for overseeing the maintenance of apparatus and equipment. Consequently, we will not only need to replace him but also seek another individual to manage this demanding and sometimes monumental task.
- **Captain Peters** and **Captain Hackney** will both reach 20 years of service this year and may potentially retire by the end of the year. These two captains are integral to our department. If/when they decide to retire, we will face a significant loss of knowledge and experience, which will take time to replace. As we continue to develop new leadership within the department, I am confident that they will play an essential role in mentoring and guiding future leaders.
- **Andrew Watson** may be considering a move to another fire department. FF Watson has quickly proven himself to be an invaluable member of our team. Should he choose to leave, we hope that his new department will recognize and value his contributions as much as we do.

In light of these potential departures, once the eligibility list is established, we will approach the Personnel Committee for approval to initiate the recruitment process for replacements. My sincere hope is that these individuals recognize their importance to TFD and choose to continue serving with us for a longer period.



Career News:

- In 2024, FF Marshal Call transitioned to another fire department opportunity.
- **Luke Millan** was hired to fill Marshal's position. Luke is the second individual in recent years to progress from a TFD explorer, to a volunteer, and now a career member. FF Millan joined the department as a Paramedic and successfully graduated from the fire academy in October 2024.
- **Zach DeLong** has successfully passed his national paramedic certification exam.
- **Colin Ayers** and **Austin Hoehn** are halfway through their paramedic training and are enthusiastic about completing the program in 2025.
- **Jeff Stoner** and **Kobe Wheaton** have tested for the captain's list. These two individuals are poised to play a key role in guiding the next generation of firefighters at TFD.
- **FF Dylan Goldsmith** is responsible for overseeing the maintenance of our SCBA equipment. Additionally, Dylan has taken on the role of SOIC, stepping in during the absence of a Captain.
- **Rich Holmes** maintains our outdoor weather sirens throughout the spring, summer, and fall. Like Dylan with Shift 2, Rich will also serve as an SOIC on shift 3.
- **Assistant Chief Cody Rogers** led the remarkable rescue of two children from a well in November 2024, demonstrating exceptional leadership and skill.
- **Captain Zepin** continues to oversee all of our public education initiatives. As detailed later in this report, he has dedicated countless hours to educating the public. **FF Lucas Smally** has taken an active role in 2024, assisting with CPR training and car seat installations.



Volunteer Members:

We now have a core of 13 volunteer members. These individuals have combined for over 717 hours of training in 2024.

Volunteer News:

- New volunteers for 2024 are **Tate Thomas, Hunter Gerlick, and Colton Kalka**. All three have shown the initiative and desire to serve our community. We look forward to seeing these men grow into great firefighters.
- **Tate Thomas** has completed his car seat training and is now another car seat tech for TFD.
- **Chance Dickey's** dedication, eagerness to learn, and attendance to calls, earned him Volunteer of the Year for 2024.

- **Dave Wagner, Eric Paine, and Mike Mann** have taken a pivotal role with helping train our new volunteers. Wagner routinely has met with new members on “off training” nights to educate new members on equipment, procedures, and apparatus

Managing a department with both volunteer and career staff is one of the most difficult things to do in the fire service. You must constantly balance the needs of two groups of people with varying degrees of availability, skills, and knowledge. We manage this well but it is still an area where we continue to learn and grow as a department.

Both volunteer and career staff continue to step up and work well together.

Taylorville Fire Protection District

The district received their new tanker truck in 2024. This acquisition puts them over the 1.2-million-dollar mark for apparatus purchases since 2019. They have since leased the truck to the city. Currently they are making payments on Engine 2 and the Tanker which will mean they will be tied up with loans for the next few years.

The Fire Protection District continues to support TFD members with purchases of turnout gear and small equipment.

Current members include:

- Dave Puccetti – President
- Ron Veradi – Treasurer
- John - Secretary
- With Rocci Romano as legal counsel

District trustees are appointed by the Christian County Board. Trustees must attend annual trainings that include open meetings training, district administration, finance, and legal trainings. Our district is easy to work with and are committed to supporting their constituents in the way of providing adequate fire and emergency protection.

Apparatus

Below is a condition of our current fleet. I broke them down into two categories, city owned and district owned. In 2024, the city sold the Tanker truck that we owned. It was replaced with a newer unit by the district. The district is now “tapped out” on purchasing new apparatus for the foreseeable future due to payments of two vehicles.

As you will see, E-3 has reached a critical status and we need to address its replacement during the 2025-2026 budget year.

City Owned:

Truck 1 – 2013

Condition: Overall Good

Truck 1 suffered a collision in 2024. It required extensive repairs that were covered by the insurance. Now back in service, you cannot tell it was damaged. No damage to the ladder or pump of the vehicle.

Anticipated Life – 20 years or 2033

Car 1 – 2022

Condition: Good

Anticipated Life – 7-8 years



Marine 1 – 1986

Condition: Good

Used for dive recovery. Unit is old but has been maintained very well. Anticipated Life is unknown. As long as we upkeep it, it should last another 15-20 years.

Squad 3 – 2006

Overall condition is good.. It is being used more regularly than in years past. Brush Fires and Special events. We may upgrade some of its pump this next year but I do not anticipate a replacement anytime soon.



District Owned:

Squad 1 – 2021
Condition is good but has a few warranty issues to fix.
Anticipated Life 10 years



Engine 2 – 2020
Condition: Overall Good with a few warranty issues.
Anticipated Life – 20 years (2040)



Marine 2 – 2018
Excellent condition
Anticipate 20 yrs life



Special Response Trailer – 2000
Good Condition No Issues.



Engine 1 – 2010
Condition: Fair
This engine was used extensively when it was purchased. Because of use and age, it has some upcoming repairs.
Anticipated Life is 6-8 more years.



Engine 3 – 2001
Condition: **CRITICAL**
This engine has major frame rail deformation. Most departments that have had this issue have removed these trucks from service. The cost of repair will not be worth the value of the truck. This unit must be replaced soon. Anticipated cost to replace new - \$600,000 to \$700,000. Decent used apparatus are hard to come by. It is my opinion that if the city replaces this apparatus, we should try to find a used apparatus or a Demo apparatus. We need to address this in 2025.
Anticipated Life span is **1 year.**



Car 2 – 2020

F-1 – 2016

F-1, and C-2 are in good condition. C-2 should last 8- 10 years and F-1 should last 15 more years.



3-Ida-33 – 2016

Overall condition: Good.

Anticipated Life Span 11 years



Squad 2 – 2006

Overall condition is OK. We have been told the motor will be an issue in the future. This unit will possibly be the next district replacement.

Anticipated Life Span - Unknown



Tanker 1 – 2024

Brand new and purchased by the Fire Protection District. This unit should last 25 years or 2050 before replacement.

Fire Station

The overall condition of the fire station is generally in good shape.

In 2024, we carried out several essential repairs to the facility. We are grateful for the council's support in allocating BDD funds to maintain this vital resource. The following projects were completed with these funds:

Completed Projects in 2024:

- Station Solar Project
- Floor replacement on a section of the second floor
- Masonry repairs around windows
- Ventilation fan repairs on the apparatus floor
- Replacement of outside bay lights

Ongoing Projects:

- **Alarm System Replacement:** This is a two-part project that will also facilitate the necessary repairs to the elevator as mandated by the Office of the State Fire Marshal (OSFM).
- **Window Replacement:** Due to masonry leaks, many windows have sustained damage. The replacement of these windows was approved by the council and will be funded through BDD monies. However, a grant opportunity has arisen, and we will pursue that option first.

In light of ongoing issues with public misuse of the community room, we have implemented a moratorium on hosting parties in the space. Many individuals using the room for such events have left it in poor condition, including failing to clean up, causing damage to furniture, clogging toilets, and removing paint from walls. While the community room will still be available for meetings, community events, and training sessions, the use of the space for birthday celebrations and similar parties will no longer be permitted.

EOC

Our EOC has received a major upgrade with the addition of new smart technology. Learning from the tornado and the pandemic, we found that our communication could be upgraded. With the recent trend of increased virtual communication, TFD, like many others, were a little behind the times in respect to this. By partnering with the County EMA, our abilities in the EOC have greatly improved.

RUN STATISTICS

Since 2019, the same phrase has been echoed at the end of each year. 2024 ends with that same phrase, “this has been the busiest year in the 136-year history of the Taylorville Fire Department”.

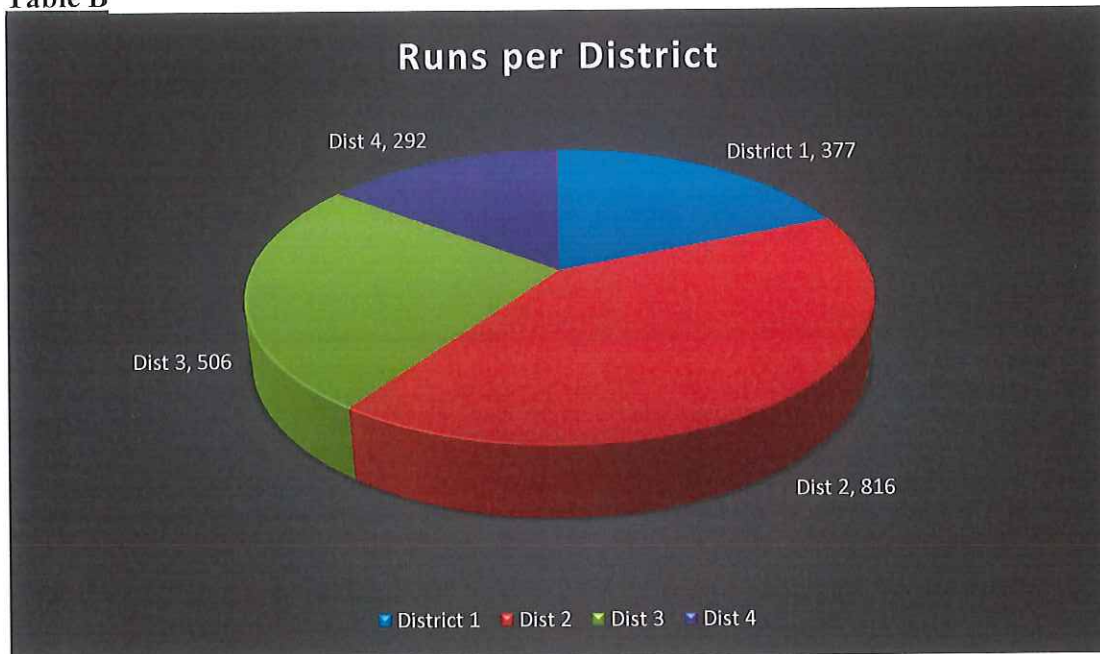
Table A

Call Types	Total		
(10) Fire, other	2	(56) Unauthorized burning	10
(11) Structure Fire	34	(60) Good intent call, other	10
(13) Mobile property (vehicle) fire	11	(61) Dispatched and canceled en route	30
(14) Natural vegetation fire	20	(62) Wrong location, no emergency found	4
(15) Outside rubbish fire	14	(63) Controlled burning	11
(16) Special outside fire	4	(65) Steam, other gas mistaken for smoke	17
(17) Cultivated vegetation, crop fire	1	(67) HazMat release investigation w/no HazMat	0
(22) Overpressure rupture from air or gas (no fire)	0	(70) False alarm and false call, other	2
(25) Excessive heat, scorch burns with no ignition	0	(71) Malicious, mischievous false alarm	3
(31) Medical assist	10	(73) System or detector malfunction	18
(32) Emergency medical service (EMS) incident	1,630	(74) Unintentional system/detector operation (no fire)	43
(33) Lock In	1	(90) Special type of incident, other	0
(34) Search for lost person	1	(80) Severe Weather	5
(35) Extrication, rescue	1	Total	2,232
(36) Water or ice-related rescue	0		
(38) Rescue or EMS standby	6		
(40) Flammable gas or liquid condition, other	1		
(41) Combustible/flammable spills & leaks	28		
(42) Chemical release, reaction, or toxic condition	9		
(44) Electrical wiring/equipment problem	31		
(50) Service call, other	0		
(51) Person in distress	2		
(52) Water problem	1		
(53) Smoke, odor problem	3		
(54) Animal problem or rescue	1		
(55) Public service assistance	267		

Of the 2,232 alarms TFD handled in 2024, Over 20% came within 20 minutes of each other. We averaged 6.11 calls per shift and each call would range anywhere from 10 minutes to 4 hours in duration. The most alarms handled in a shift was 15 alarms which happened on two different occasions in 2024.

Our districts are broken down to mirror the 4 alderman wards. The following chart shows the breakdown of calls per district.

Table B



The busiest day of the week was Monday and the busiest time of day was between the hours of 3 and 4 pm. The charts in *Table C and D* show these statistics matched up with the previous year. As you will see by the graphs, there is no real specific day of the week when we run more calls vs another.

Table C

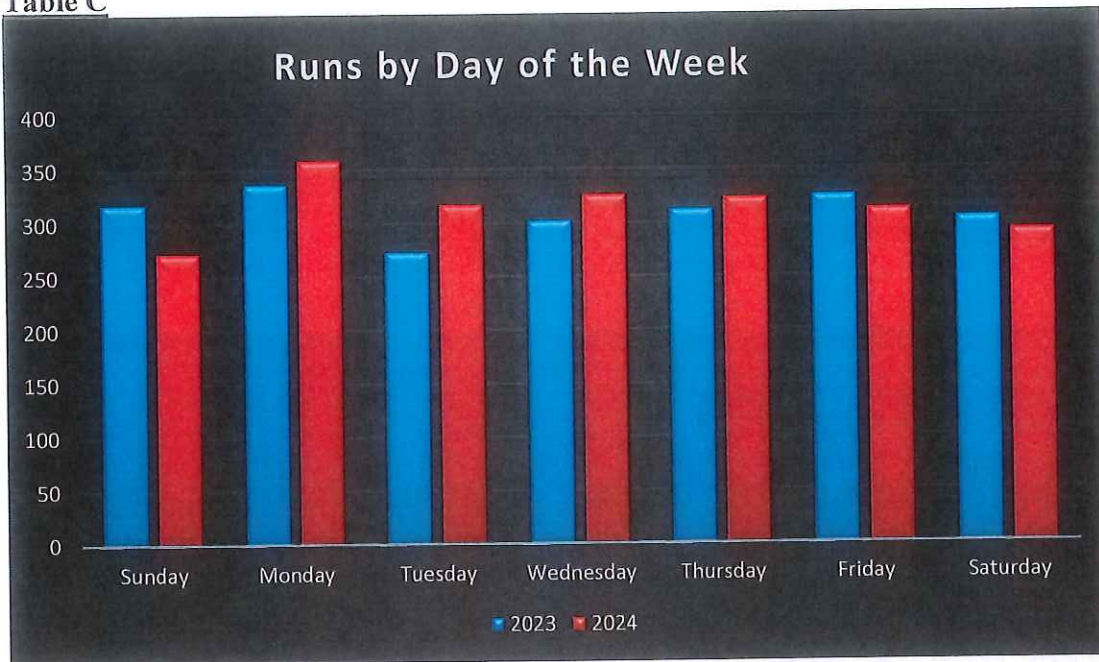
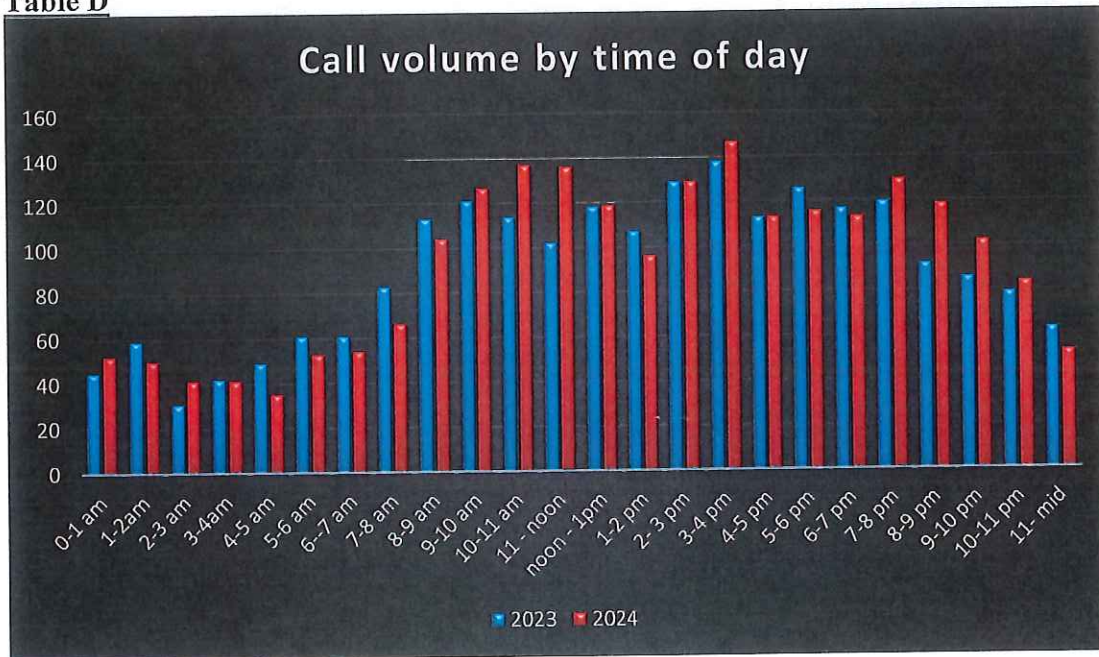


Table D

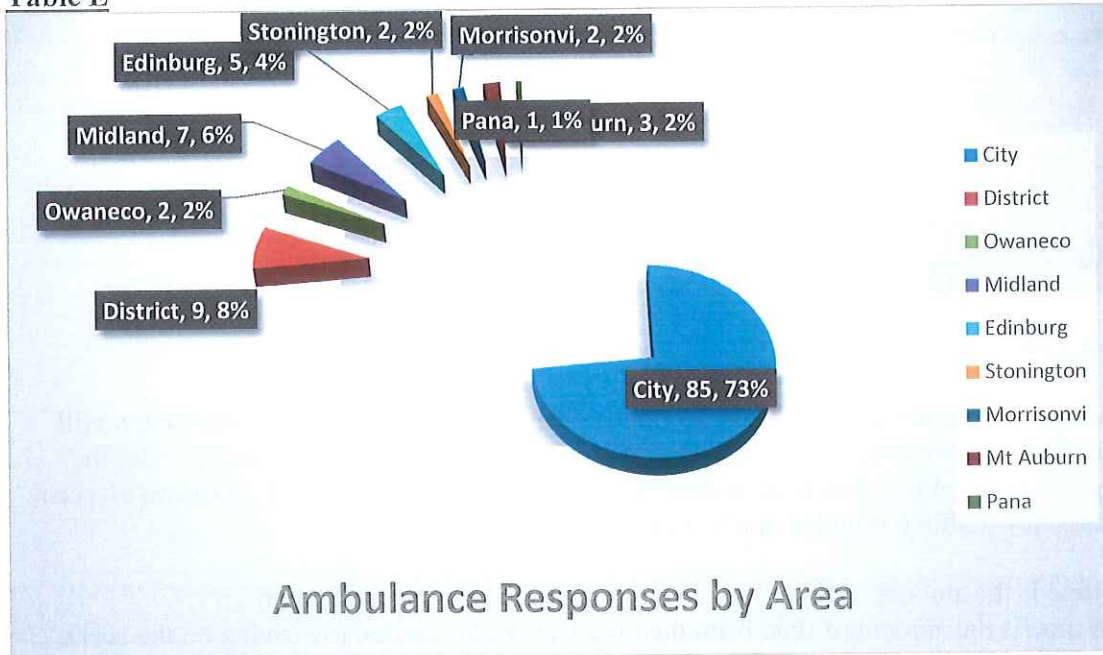


Ambulance Runs

Ambulance runs were up in 2024 from 2023. In total, we had 117 requests for our ambulance because the private provider was unavailable. As a comparison, in 2022, 3-I-33 responded to 181 calls for service.

Out of the 117 responses in 2024, 82 of them turned into actual transports. We billed \$61,037.39 in fees and, to date, have collected just over 70%.

Table E



Billing collection for ambulance transports can often times be a year or two behind. 2025, we will continue to collect on runs we had in 2024, 2023, and even 2022. Each year I review our percentage collected and we are currently seeing around a 63% collection rate. This is up from 56% in 2019. The reason for the change is a more attention to billing procedures that includes, follow up with insurances, a streamlined process implemented with Charleston, and more attention to report writing.

Mutual Aid

Since 2020, TFD has seen a rise in mutual aid responses. Overall, we have seen an **79% increase** in mutual aid responses since 2020. These responses include fires, rescues, alarms, and with the majority coming from ambulance responses. In 2024, 42 of our total responses were mutual aid calls.



Because we have seen an increase in calls and the number of available personnel has dropped, we also rely on mutual aid to assist us on our responses. We used our mutual aid partners a total of 7 times during 2024.

Response Times

It is important to note the average response time of your fire department. The table below will show the NFPA national recommendations as it compares to TFD. We are actually under the national average when it comes to responses. That means We should have an apparatus on scene of an emergency within 6 minutes of a 911 call 90% of the time.

Turnout time is the amount of time from an alarm to crews leaving the station
 Response time is the amount of time from the time leaving the station to arriving on the scene.

National Standard for Response Times		
	NFPA	TFD
Turnout Time	1 Minute	00:53
Response Time	4:00 minutes	3:42 minutes

Modern homes and modern furnishings exacerbate fires. Every 30 seconds a fire burns unchecked; it doubles in size. Every minute that goes by results in growing property damage. Table G compares the average property loss from a fire during the first 9 minutes.

Table G Based on 2018 prices



ESDA

This past year, we completed a significant upgrade to our outdoor warning siren system. Outdated computer equipment and monitoring software were replaced through funding from the ESDA budget.

The new system offers enhanced functionality, including the ability for the National Weather Service to activate our sirens during specific weather events. This improvement will enable faster notifications to our residents in the event of an impending storm, providing an added layer of safety.

Firefighter Rich Holmes oversees the maintenance of our sirens and successfully replaced half of the siren batteries in 2024. Each siren is equipped with two deep cycle 12-volt batteries and one smaller 12-volt battery. While the sirens are supported by a charging system to maintain battery life, these batteries, much like car batteries, must be replaced every five years. The remaining batteries will be replaced during the 2025-2026 fiscal year.

Additionally, Hyper-Reach remains an important tool and was recently utilized during an evacuation prompted by a gas leak.

Sign-up anytime at <http://hyper-reach.com/iltaylorvillesignup.html>

The next budget year we will continue our maintenance of our sirens and continue to make improvements/ upgrades as needed.

TRAINING

TFD Training Statistics

- 817 hours of Live Fire/Facility training conducted
- 3675.92 in-house Fire and EMS training
- 5157.92 of total training hours completed

TFD Trainings Through 2024

The Taylorville Fire Departments goals for 2024 trainings focused heavily on repetition. The goal was to get all of our new guys up to speed to where the simplest and the most detailed oriented tasks were converted into muscle memory. In the fire service no two calls are the same so we put ourselves in as many different scenarios as possible. Once the basics become foundational the scenarios increase our problem-solving skills exponentially. The hard part of training is finding the balance or doing both without discouraging growth or becoming mundane in the repetitions. This year the department personnel were able to advance to new heights of competency. Devotion to becoming masters of our craft is at an all-time high. The following are highlights from certain months.

January

A high emphasis was placed on saving our own. TFD practiced multiple scenarios of rescuing down firefighters using props that mimic actually firefighter fatalities or difficult rescues.

February

The Assistant Chief brought in a flammable Liquid by Rail class to further our knowledge about the potential catastrophic damage a train derailment/fire could bring to the community. (This was the last class Danny Tallman ever taught)

March

Multiple members of the department attended a grain bin rescue class offered at the Macon County Fire and Rescue Training Facility.

April

The A/C brought in a class from IFSI that focused on LP fires.



May

In May we had the opportunity to train a young man that won “Firefighter for a day”. He learned “the ropes” from shift 1.



July

The A/C was able to bring in a “legend” in the fire service, Jeff Lattz, to teach a hand-crafted class about building construction. The class taught our members how to recognize and identify buildings and their floor plans in seconds. This makes search efforts more efficient and effective. Knowing the floor plan of a building prior to entering a zero-visibility situation greatly increases the odds of a safe return home.

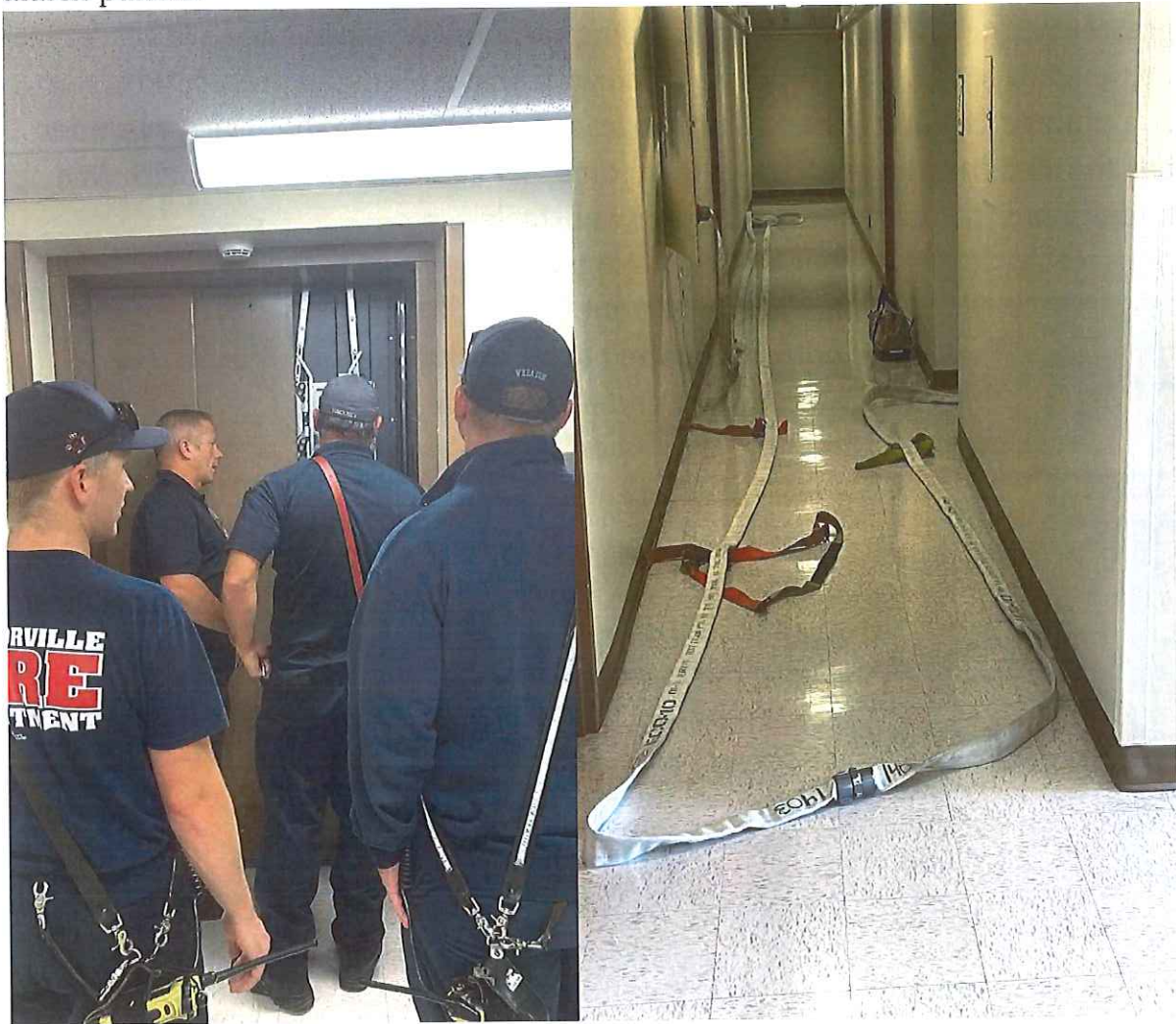
August-September

These two months were filled with hands on live fire scenario drills. We also do walkthrough/mock drills in all of the high-rise buildings in town.



October

October was a busy month with fire prevention and training. A class was brought in to TFD on train derailments to build upon what we learned previously in the year. With train derailments comes HAZMAT issues, so in tandem TFD trained on our 4 gas monitors which help keep us from entering flammable or toxic environments. We were also fortunate to have Jeff Lattz come back and teach on elevators, high rise layouts, sprinkler systems and alarm panels.



November & December

The last two months were a mix match of EMS/OSHA required training and ISO training. The end of the year is where we catch up on anything we may have missed or need to get finished prior to the year ending. One of the trainings that is required by OSHA is called the consumption test. The test is meant to make firefighters work in gear until the alarm goes off on their air packs. At TFD we take pride in being fit for duty, so each year all members go

above and beyond what the requirements are to test their limits and hopefully surpass them the following year. All members were recertified in PALS, ACLS and CPR as well.

Training Vision for 2025

As we move forward into 2025, TFD will continue its focus on developing strong leaders within the department. With a high turnover rate, it has become increasingly important to rely on our youngest members to take on greater responsibility. Although nothing can replace experience, we recognize the need to provide our team with the very best training to protect both our community and firefighters. Our top priority is to ensure that every member has the skills and knowledge to overcome any challenge that may arise. We understand that each year brings new obstacles,

but by prioritizing training and development, TFD is better equipped to serve the community and provide the highest level of safety possible. We remain committed to our mission of protecting lives and property, and we will continue to work tirelessly to achieve it.



Public Education

To: Chief Adermann
From: Nicholas Zepin
Date: January 20, 2025

2024 Public Education/ Fire Prevention Report

I am proud to report this snapshot of fire prevention and public education activities completed by TFD members in 2024. Overall, members performed 174.5 hours of documented public interaction and education that directly reached hundreds of City of Taylorville and fire protection district residents and families. This represents an increase of 13% over the previous year. In every area of fire prevention and education, TFD members increased their outreach for the 2nd consecutive year.

As in previous years, firefighters again saw an increase in installing and distributing smoke alarms to residents. This has been a big push in recent years to ensure homes have working smoke alarms, specifically ones with 10-year sealed batteries. This was represented by an increase in smoke alarm distribution of 39% in 2024!

The busiest fire prevention month was once again October, specifically during fire prevention week. This included area pre-schools and their parents coming to the firehouse where kids practiced stop, drop and roll, how and when to call 911 and other lessons from the beloved fire dog, Sparky. We were fortunate to have the Taylorville Public Library back to assist this year and provide a craft table and story time. Many other fire house tours, prevention talks etc occur during this busy month.

The L3144 and TFD Angel Tree assisted with Christmas for 193 kids and received tremendous feedback and support from community members.

Our CPR program continued its growth and added another American Heart Association instructor. With this, 2024 saw the addition of several new businesses, some even outside of Taylorville, reach out to receive CPR and first-aid certification. More growth and expansion are in the works for 2025.

Another area of growth for 2025 will center around the pre-plan/inspection portion of fire prevention. Last Fall, TFD joined the newly created Illinois Fire Inspector Association Central Illinois Chapter. Combined with more knowledge and familiarity with ESO, firefighters will be more involved in the community completing more pre-plans and safety walk-throughs.

Attached you will find a breakdown of all documented 2024 public education activities. As always, thank you for your continued support of all the Taylorville Fire Department's fire prevention program.

Respectfully,

Nicholas Zepin

2024 Breakdown by Public Education Activity

<i>Activity</i>	<i>Number of Activities/Classes Given</i>
<i>Car Seats</i>	<i>32</i>
<i>Smoke & CO Alarms</i>	<i>36</i>
<i>Fire Extinguisher Classes</i>	<i>0</i>
<i>Fire Prevention Talk</i>	<i>10</i>
<i>CPR</i>	<i>26</i>
<i>Fire/ Tornado Drills</i>	<i>10</i>
<i>Station Tours</i>	<i>4</i>
<i>Special Events</i>	<i>19</i>

2024 Fire Prevention & Outreach

Date	Event/Activity	#	Hours
Total	CPR classes	26	78
Total	Smoke alarms	36	7
Total	Car seats installed	32	8
Total	Extinguisher classes	0	0
Total	Fire Station Tours	4	2.5
Total	Misc. Outreach Events	10	5
20-Mar	"Fireman for a Day"	1	3
31-Mar	Easter Egg Hunt P/R	1	1
1-May	Gift of Hope Ceremony	1	2
4-May	Red Bland Parade	1	1
4-Jun	Hershey Towers Fire Safety talk	1	1
11-Jun	Senior Village Fire Safety talk	1	1
19-Jun	Radio interview P/R	1	1
4-Jul	4th of July P/R	1	3
16-Jul	Football team spray down outreach	1	1
20-Jul	Car seat check event	1	3
9-Aug	National Night Out event	1	2.5

24-Aug	Meet the Machines event	1	3
26-Sep	CCHS Resource Fair	1	1.5
4-Oct	Fire Drills	1	4
10/7-10/10	Pre-Schools @ firehouse	5	12
12-Oct	TFD v TPD Basketball Outreach	1	3
16-Oct	CCMHA Fire Safety Talk	1	1
31-Oct	Halloween Bash	1	3
3-Dec	"Keep the Wreath Red" outreach	1	1
16-Dec	THS Career Day	1	2
19-Dec	Local 3144 Angel Tree	1	24
Totals		133	174.5

<u>Commercial CPR Classes 2024</u>	
GSI - Assumption (6)	
Ahlstrom's	
TLC Child Care	
McLane Food Services	
Mt.Auburn FPD	
Springfield Youth Hockey Association	
U of I Christian County Extension	
Victorian Manor	
Glanbia/Watson Foods	
Taylorville Police Department	
Christian County Sheriff's Office - Jail staff	
Christian County Health Department	

Inspections / Preplans / Investigations

140 Inspections were completed in 2024. The inspections ranged from Solar installations, annual business inspections, complaints, and new construction. The bulk of our inspections came from new solar installations. TFD also inspected their own solar installation on the building and I am pleased to say it did pass.

TFD has no dedicated inspector. Because of this, inspections are shared amongst 4 members certified by the State of Illinois as Fire Inspectors. Chief Adermann, Assistant Chief Rogers, Captain Hackney, and Captain Zepin take on inspections as they come in which based on current workloads and other obligations, means sometimes inspections don't get completed as timely as I would like. As the city continues to evolve and state and local codes change, a new inspector position could be a necessity. Sometime in the near future I would suggest maybe looking at the feasibility of merging an inspector with code enforcement within the city.



Much of the time in preplans this year was spending time inputting existing preplans into our new software and dispatch software. This way vital information on a building or property is shared with responders. TFD has hundreds of files on buildings and properties in its response area and in 2025 will continue to devote more time to preplans.



By state statute, a cause of a fire must be determined by the fire chief of the AHJ. We have the opportunity to utilize the State of Illinois Fire Marshal investigators, however most fires that occur in our district are investigated by the two certified investigators Chief Adermann and FF Stoner. We utilize the state when we feel it is suspicious or may require more resources than what we have available. Of the 87 fires we had in 2024, all fires were investigated by us or OSFM and a cause was ruled on all of them.



Economic Impact

Towards the end of 2022, TFD has started to look at the economic impact the fire department has on the community. Assistant Chief Rogers has worked diligently on this project and we now have the tools to show the economic impact a business has on our community. As a stakeholder in the community, TFD views the economic value a business brings in as another layer to our overall city that we aim to protect.

As an example to how a fire relates to the economic impact, a fire that occurred in 2022 is included below.

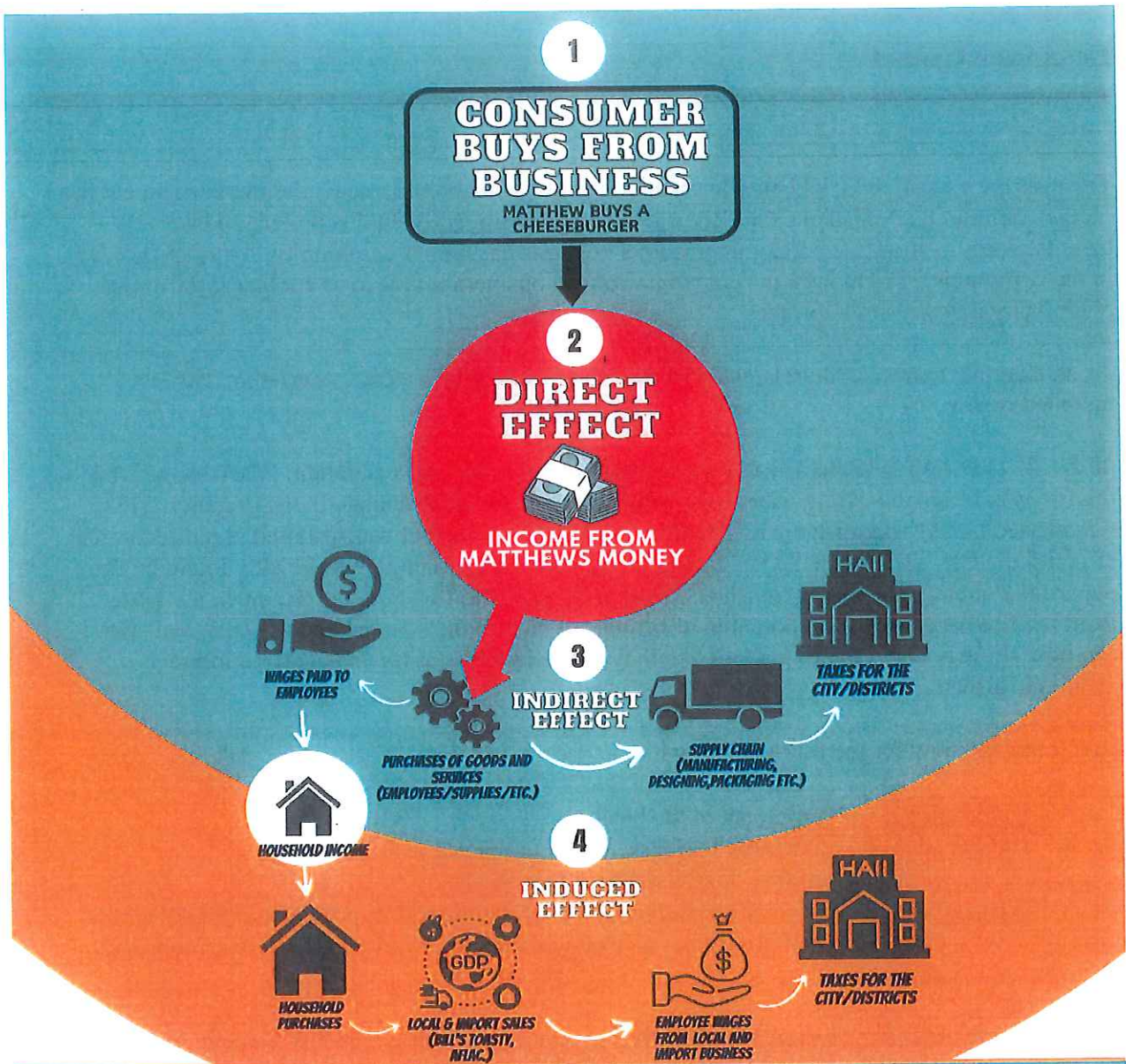
In 2022, TFD responded to a fire in the basement of a downtown restaurant. When we arrived, the fire was small and extinguished relatively quickly with little damage to the property. TFD was alerted quickly because the building had an alarm system that was installed as a direct effect of codes the City of Taylorville has adopted. The fire in the structure was quickly found by fire department members and extinguished. Without the early notification and the quick response from the fire department, the potential of losing one side of the square becomes very real. We can now show how devastating a loss like that can be in terms of the induced and indirect economic effects.

Key terms to know for the following graphic.

- **Direct effect** – Money spent to the business
- **Indirect effect** – money the business spends to operate
 - Including supplies, taxes and employee wages
- **Induced effect** – the money given to the workforce to make up their household income.
 - They then used this money to manage their own lifestyle. (purchase goods and services)

The following graphic will show the effect if only that one business was lost. Keep in mind that a fire on the square has the great protentional to travel to multiple buildings on either side of them.





Economic Indicators by Impact				
Impact	Employment	Labor Income	Value Added	Output
1 - Direct	113.66	\$3,571,881.15	\$6,259,770.42	\$11,663,290.73
2 - Indirect	13.30	\$516,516.23	\$545,203.43	\$2,136,213.54
3 - Induced	11.26	\$445,836.28	\$919,535.49	\$1,625,187.78
Totals	138.22	\$4,534,233.66	\$8,025,569.34	\$15,694,692.05

Tax Results						
Impact	Sub County General	Sub County Special Districts	County	State	Federal	Total
1 - Direct	\$18,846.54	\$624,718.18	\$83,665.03	\$945,761.44	\$430,687.47	\$2,268,599.26
2 - Indirect	\$5,074.59	\$17,243.21	\$2,303.32	\$39,838.39	\$102,637.85	\$167,103.35
3 - Induced	\$13,190.84	\$44,852.04	\$5,026.95	\$76,747.37	\$78,048.53	\$219,425.37
Totals	\$37,112.97	\$686,814.43	\$91,995.30	\$1,002,347.14	\$611,373.85	\$2,668,512.65

TAYLORVILLE FIRE OPERATING BUDGET: \$1,711,650.00

TAYLORVILLE FIRE INCOME: -\$61,084.23

TAYLORVILLE FIRE TOTAL COST: \$1,650,565.77

TOTAL SAVED RESTAURANT ALONE: \$1,990,810.55 *NOT INCLUDING REAL ESTATE VALUE

TOTAL SAVED FOR SQUARE: \$15,694,692.05

RATE OF RETURN FOR THE CITY: 850.86%

*CURRENT BUDGET STATEMENT