



Belvidere Fire Annual Report FY24

May 1, 2023 –
April 30, 2024

Fire Chief Shawn Schadle

Message from Chief Schadle...

It is with great pride and honor that we present the FY 2024 Annual Report of the Belvidere Fire Department. This report encapsulates the dedicated efforts, remarkable achievements, and unwavering commitment of our Department throughout the year.

Our mission simply is to provide excellent service that exceeds expectations. This year, we have made significant strides in enhancing our emergency response capabilities, advancing our training programs, and strengthening community partnerships.

As we reflect on the past year, we extend our deepest gratitude to our first responders. Your bravery, resilience, and tireless service are the cornerstones of our success. Every call you respond to, every life you save, and every moment you dedicate to protecting our community does not go unnoticed. Your sacrifices and unwavering commitment to duty are the true embodiment of heroism, and for that, we are profoundly grateful.

Thank you for your extraordinary service. Your contributions make Belvidere a safer and better place for all.

With sincere appreciation,

Shawn Schadle
Chief, Belvidere Fire Department

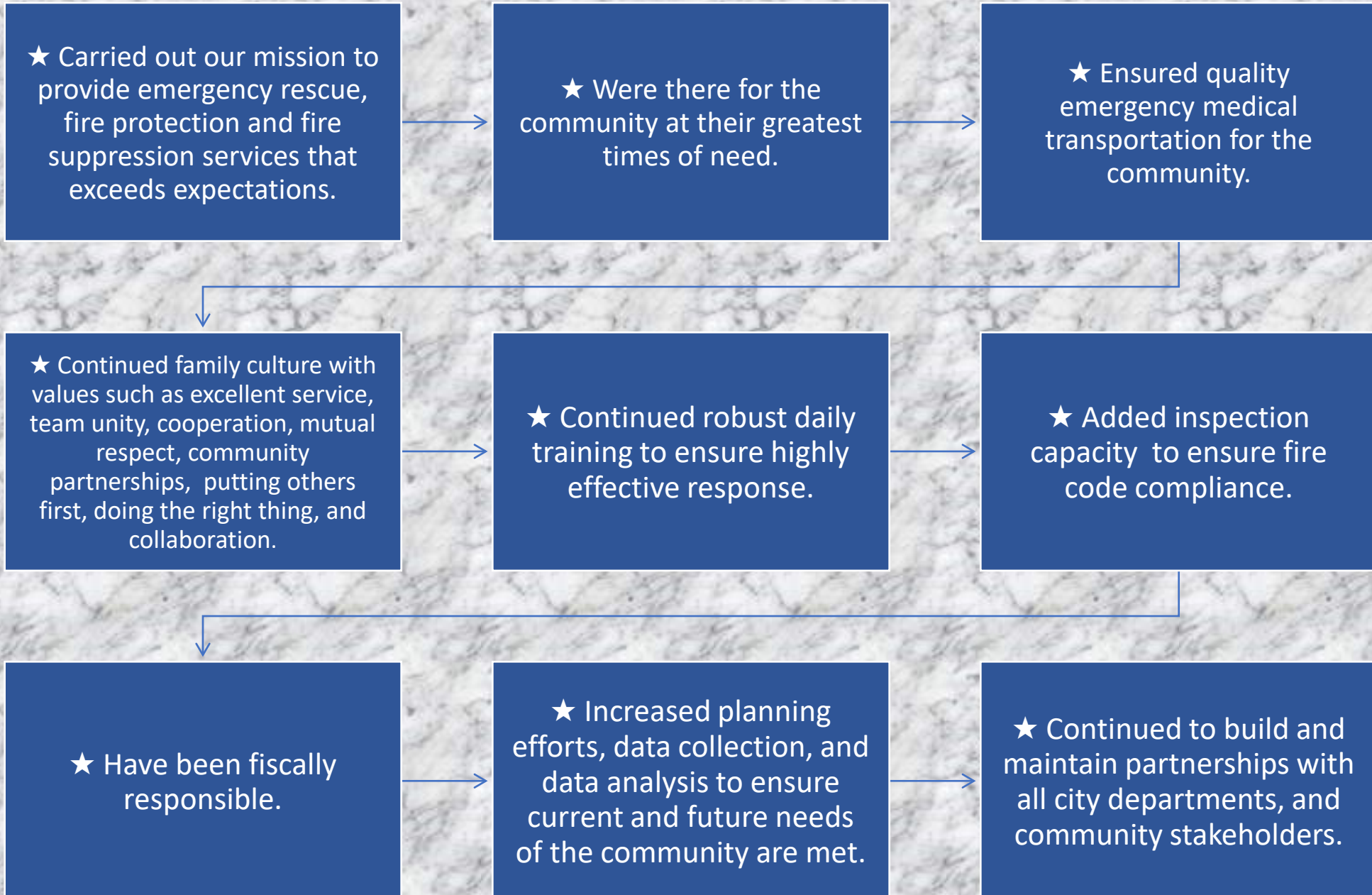


BFD Mission Statement

To serve our community by providing emergency rescue and fire protection services that exceed expectations; to be there for the community at their greatest times of need.



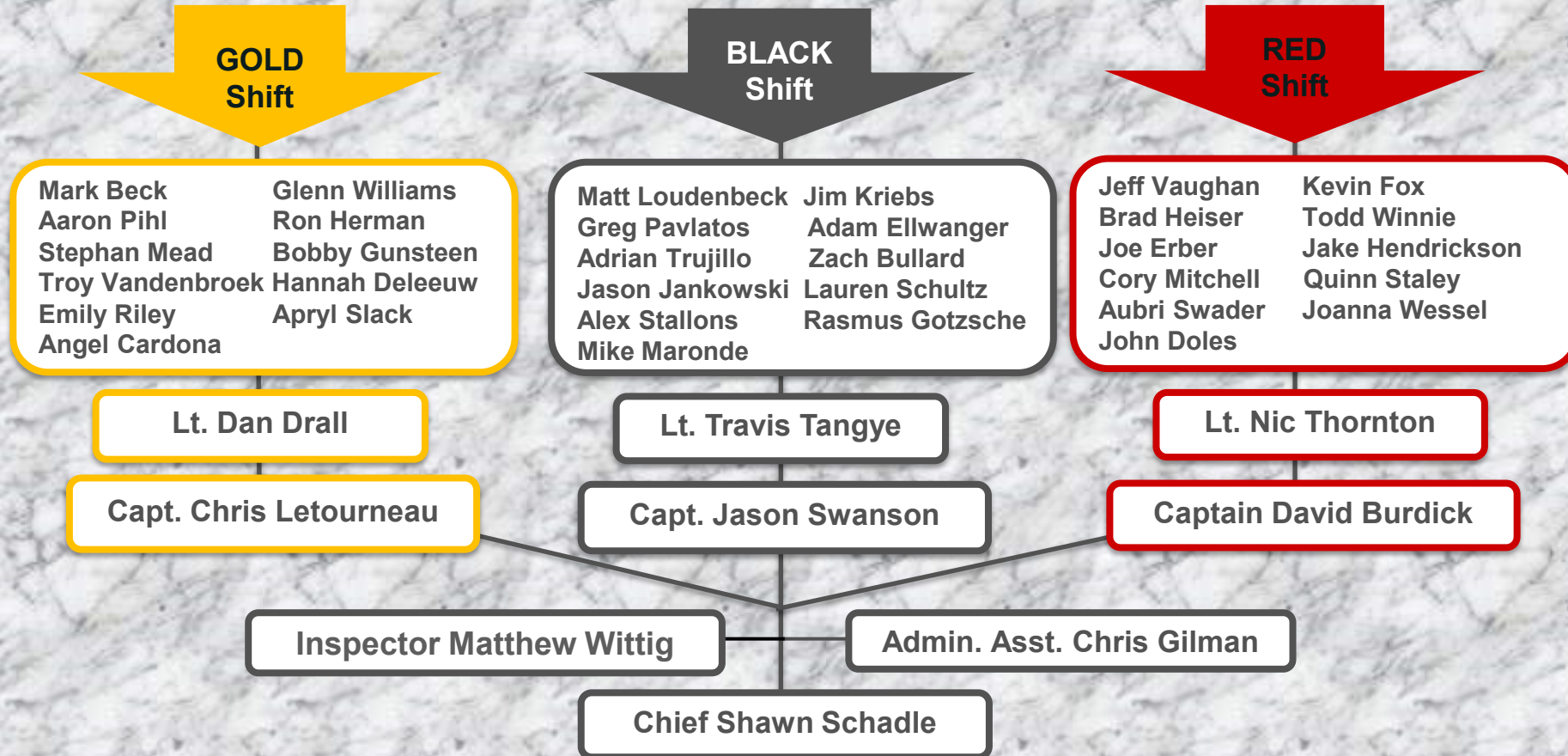
Belvidere Fire Department FY 24 Objectives Met





BELVIDERE FIRE DEPARTMENT

PROTECT PRESERVE PREVENT



IT IS OUR MISSION

To serve our community by providing emergency rescue and fire protection services that exceed expectations; to be there for the community at their greatest times of need.



BELVIDERE FIRE DEPARTMENT

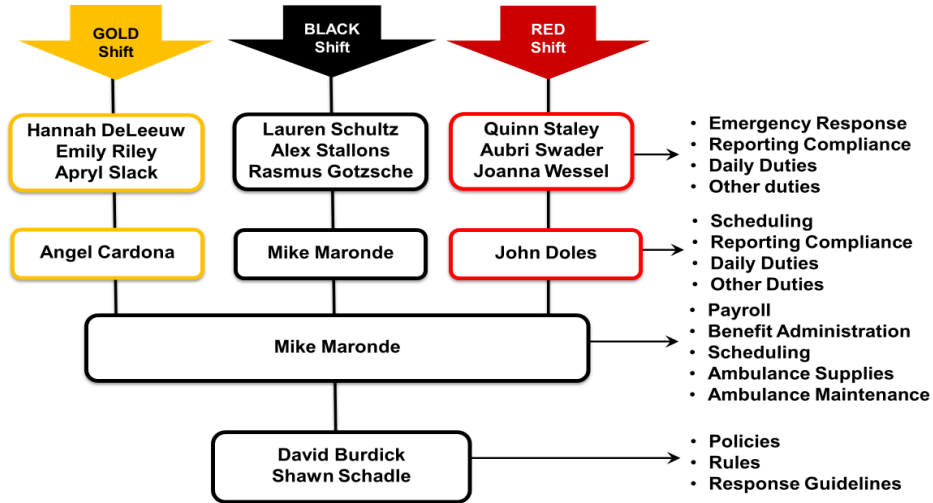


Emergency Medical Care and Transport Division are pictured on the next slide.



BELVIDERE FIRE DEPARTMENT

Emergency Medical Care & Transport Division – (EMCT)



EST
MAY 1, 2023



FY24 Expenditures



Fire Department	Account #	Actual FY 23	Month of April	YTD Actual for FY 24	Budget FY 24	100% of Budget
RE Property Tax	01-4-220-4010	1,021,902.61	0.00	1,152,126.91	1,150,714	100%
Grants	01-4-220-4150	3,509.97	466,199.57	474,821.64	0	0%
Fire Reports	01-4-220-4470	0.00	0.00	5.00	0	#DIV/0!
Miscellaneous Revenues	01-4-220-4900	47,212.40	32,526.40	57,441.27	5,250	1094%
Expense Reimbursement	01-4-220-4940	860.89	0.00	55,210.19	0	0%
Sale of Assets	01-4-220-4950	210,000.00	0.00	0.00	0	0%
Ambulance Services	01-4-220-4960	0.00	42,841.32	443,472.37	600,000	74%
Total Fire Department Revenues		1,283,485.87	541,567.29	2,183,077.38	1,755,964	124%
Salaries - Regular - FT	01-5-220-5010	2,315,718.51	187,669.74	2,478,196.75	2,569,796	96%
Overtime	01-5-220-5040	216,495.85	13,343.60	138,436.28	218,423	63%
Fire Pension	01-5-220-5124	1,439,187.00	311,755.50	1,247,022.00	1,247,022	100%
Health Insurance	01-5-220-5130	531,253.10	34,559.97	465,778.55	674,699	69%
Dental Insurance	01-5-220-5131	28,087.04	3,503.80	43,412.38	30,000	145%
Unemployment Compensation	01-5-220-5136	0.00	0.00	0.00	0	0%
Uniform Allowance	01-5-220-5140	35,397.45	0.00	40,184.75	40,200	100%
Training	01-5-220-5152	11,291.58	1,847.81	9,767.49	23,939	41%
Fire Depart Personnel & Benefits Expenses		4,577,430.53	552,680.42	4,422,798.20	4,804,079	92%
Repair/Maint-Bldg	01-5-220-6010	43,947.15	5,475.55	40,853.26	34,130	120%
Repair/Maint-Equipment	01-5-220-6020	17,905.12	1,325.42	18,124.15	17,050	106%
Repair/Maint-Vehicles	01-5-220-6030	46,883.58	7,294.15	61,705.38	49,000	126%
Telephone/Utilities	01-5-220-6200	11,213.06	889.81	11,167.03	11,811	95%
Physical Exams	01-5-220-6810	519.00	83.32	158.03	1,000	16%
Fire Prevention	01-5-220-6822	6,594.37	1,254.61	8,460.53	7,830	108%
Emergency Medical Supplies	01-5-220-6824	11,138.45	1,319.30	11,438.43	11,740	97%
Ambulance Services	01-5-220-6830	0.00	139,805.66	1,685,017.85	1,719,733	98%
Fire Department - Contractual Expenses		138,200.73	157,447.82	1,836,924.66	1,852,294	99%
Office Supplies	01-5-220-7020	29,697.38	1,151.64	34,512.60	33,850	102%
Gas & Oil	01-5-220-7030	27,759.67	1,925.87	24,501.50	35,094	70%
Operating Supplies	01-5-220-7040	8,296.17	1,773.46	7,626.41	9,900	77%
Miscellaneous Expense	01-5-220-7900	10,464.32	0.00	824.00	0	#DIV/0!
Fire Department - Supplies Expenses		76,217.54	4,850.97	67,464.51	78,844	86%
Equipment	01-5-220-8200	19,277.03	2,718.84	30,134.32	32,470	93%
Total Fire Department Expenses		4,811,125.83	717,698.05	6,357,321.69	6,767,687	94%
NET - FIRE DEPARTMENT		(3,527,639.96)	(176,130.76)	(4,174,244.31)	(5,011,723)	83%
Police & Fire Commission Department						
Physical Exams	01-5-225-6810	8,954.00	500.00	7,490.20	37,400	20%
Other Contractual Services	01-5-225-6890	10,701.63	885.00	31,173.27	12,250	254%
NET - POLICE & FIRE COMMISSION		(19,655.63)	1,385.00	(38,663.47)	(49,650)	78%

Total Incidents by Type of Call

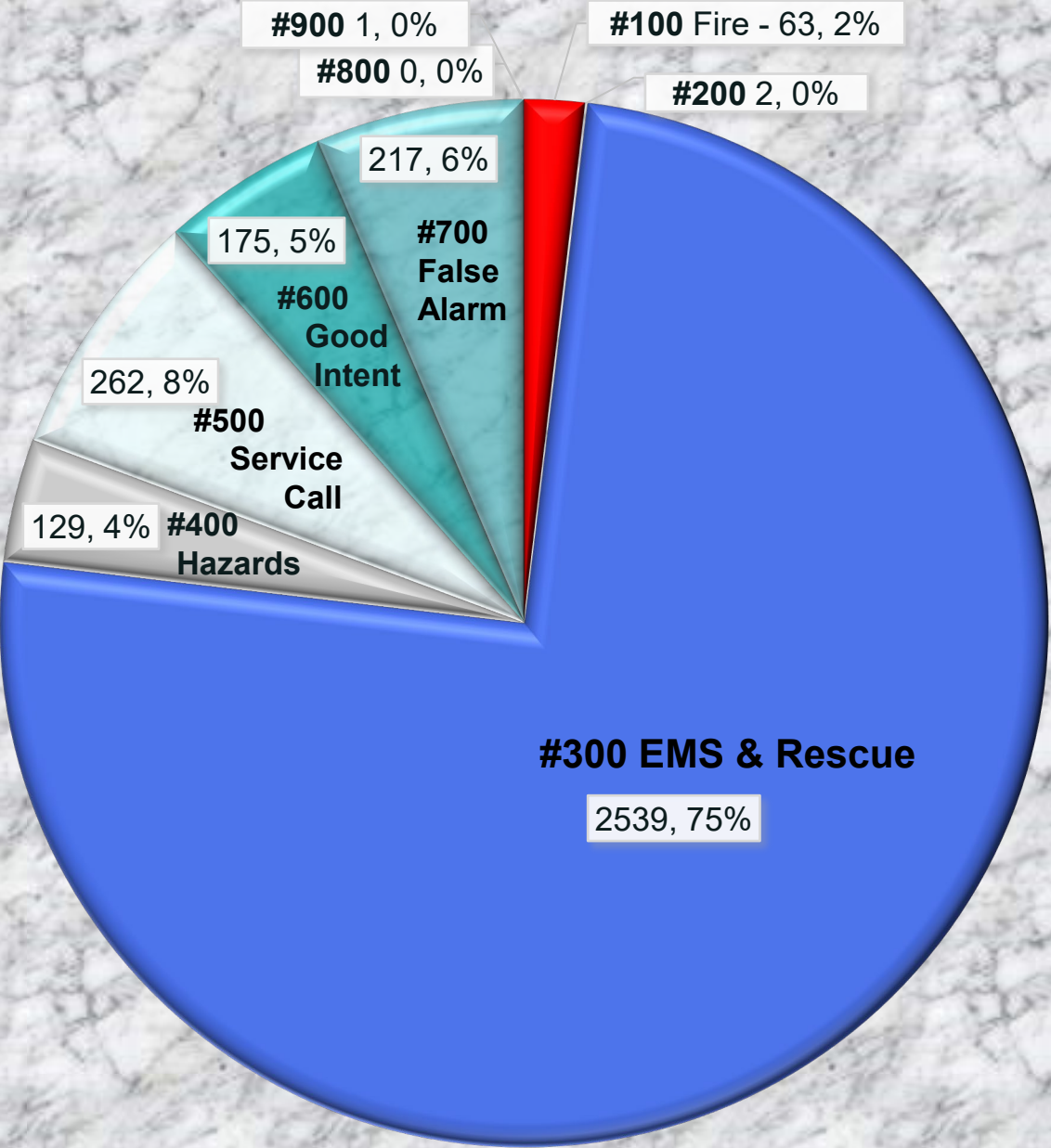
Description – Types of Incidents	Total calls
100 - Fire, other	6
111 - Building fire	26
113 - Cooking fire, confined to container	8
118 - Trash or rubbish fire, contained	2
130 - Mobile property (vehicle) fire, other	1
131 - Passenger vehicle fire	2
140 - Natural vegetation fire, other	1
142 - Brush or brush-and-grass mixture fire	2
143 - Grass fire	1
151 - Outside rubbish, trash or waste fire	10
154 - Dumpster or other outside trash receptacle fire	2
160 - Special outside fire, other	1
162 - Outside equipment fire	1
200 - Overpressure rupture, explosion, overheat other	2
300 - Rescue, EMS incident, other	5
311 - Medical assist, assist EMS crew	20
320 - Emergency medical service incident, other	7
321 - EMS call, excluding vehicle accident with injury	2360
322 - Motor vehicle accident with injuries	96
323 - Motor vehicle/pedestrian accident (MV Ped)	1
324 - Motor vehicle accident with no injuries.	36
331 - Lock-in (if lock out , use 511)	1
342 - Search for person in water	2
350 - Extrication, rescue, other	1
353 - Removal of victim(s) from stalled elevator	8
381 - Rescue or EMS standby	2
400 - Hazardous condition, other	1
411 - Gasoline or other flammable liquid spill	1
412 - Gas leak (natural gas or LPG)	36
421 - Chemical hazard (no spill or leak)	1

Description - Types of Incidents	Total calls
422 - Chemical spill or leak	2
424 - Carbon monoxide incident	45
440 - Electrical wiring/equipment problem, other	11
441 - Heat from short circuit (wiring), defective/worn	1
500 - Service Call, other	28
511 - Lock-out	2
520 - Water problem, other	3
522 - Water or steam leak	5
531 - Smoke or odor removal	7
541 - Animal problem	1
550 - Public service assistance, other	102
551 - Assist police or other governmental agency	18
552 - Police matter	5
553 - Public service	24
554 - Assist invalid	46
561 - Unauthorized burning	18
571 - Cover assignment, standby, moveup	3
600 - Good intent call, other	14
611 - Dispatched & canceled en route	56
6111 - Cancelled in Route Auto Aid CV	12
6112 - Cancelled in Route Auto Aid Boone 1	1
6113 - Cancelled in Route Auto Aid Boone 2	4
6114 - Cancelled in Route Auto Aid Boone 3	2
6115 - Cancelled in Route Mutual Aid	6
621 - Wrong location	1
622 - No incident found on arrival at dispatch address	35
6221 - Canceled after arrival	26

Description - Types of Incidents	Total Calls
631 - Authorized controlled burning	2
651 - Smoke scare, odor of smoke	5
652 - Steam, vapor, fog or dust thought to be smoke	1
653 - Smoke from barbecue, tar kettle	1
661 - EMS call, party transported by non-fire agency	1
671 - HazMat release investigation w/no HazMat	8
700 - False alarm or false call, other	116
710 - Malicious, mischievous false call, other	1
731 - Sprinkler activation due to malfunction	2
733 - Smoke detector activation due to malfunction	12
735 - Alarm system sounded due to malfunction	26
736 - CO detector activation due to malfunction	4
740 - Unintentional transmission of alarm, other	5
741 - Sprinkler activation, no fire - unintentional	2
743 - Smoke detector activation, no fire - unintentional	16
744 - Detector activation, no fire - unintentional	6
745 - Alarm system activation, no fire - unintentional	23
746 - Carbon monoxide detector activation, no CO	4
900 - Special type of incident, other	1
(blank)	20
Grand Total	3408

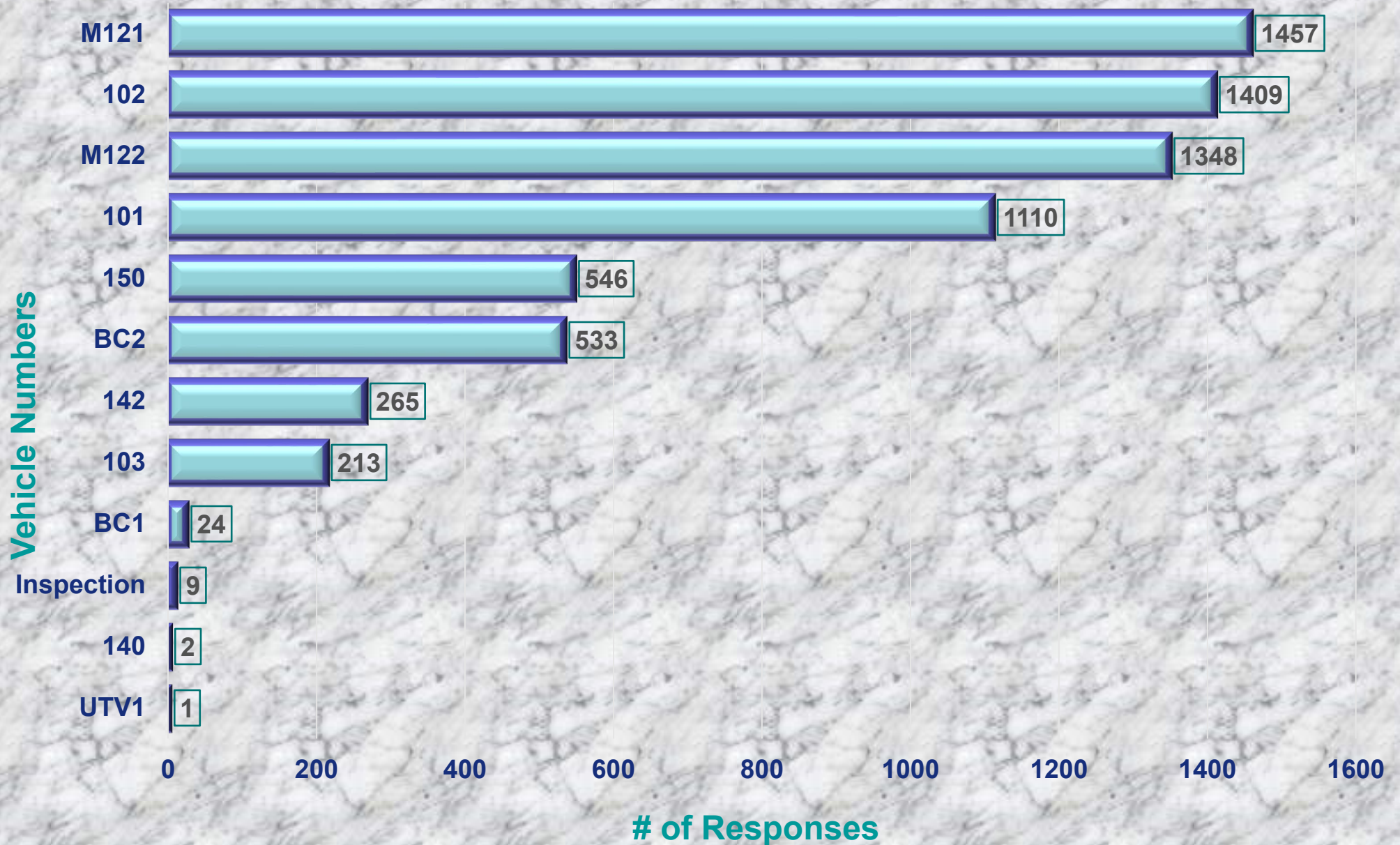
Total Incidents by Type of Call

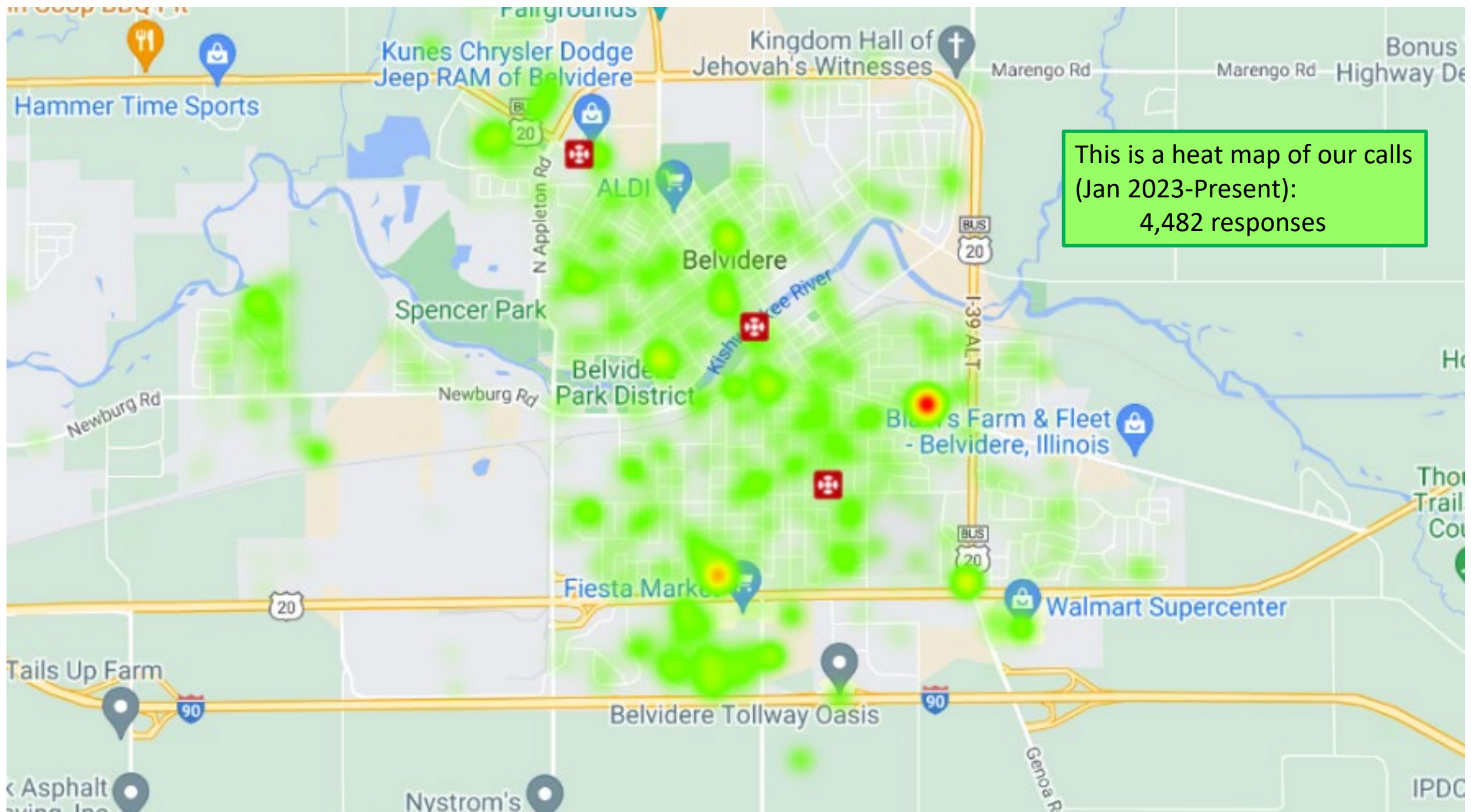
Total Calls 3,388



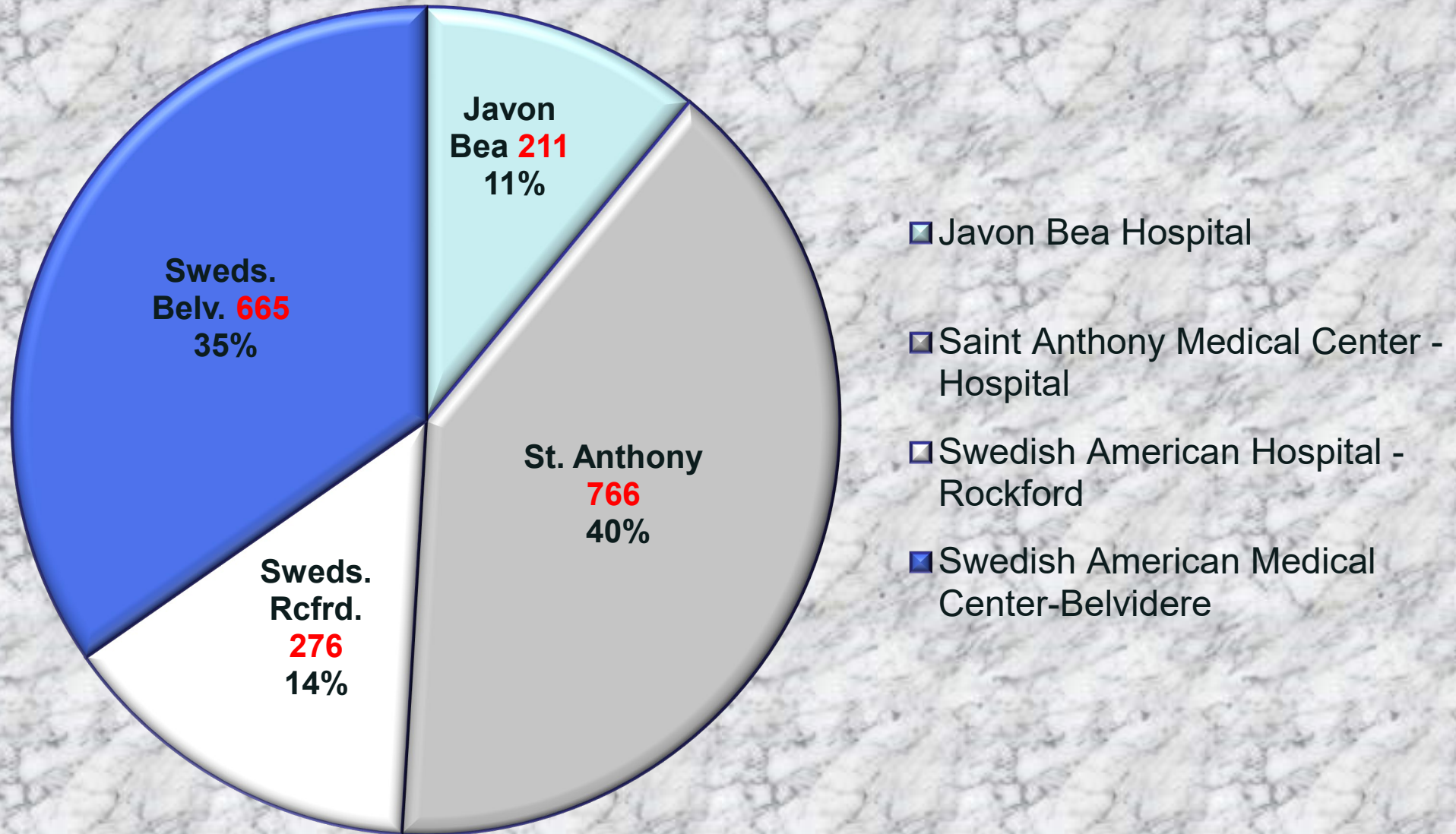
- 1. Series 100: Fire
- 2. Series 200: Overpressure Rupture, Explosion, Overheat (No Fire)
- 3. Series 300: Rescue and Emergency Medical Service (EMS) Incidents
- 4. Series 400: Hazardous Condition (No Fire)
- 5. Series 500: Service Call
- 6. Series 600: Good Intent Call
- 7. Series 700: False Alarm and False Call
- 8. Series 800: Severe Weather and Natural Disaster
- 9. Series 900: Special Incident Type

Responses By Apparatus

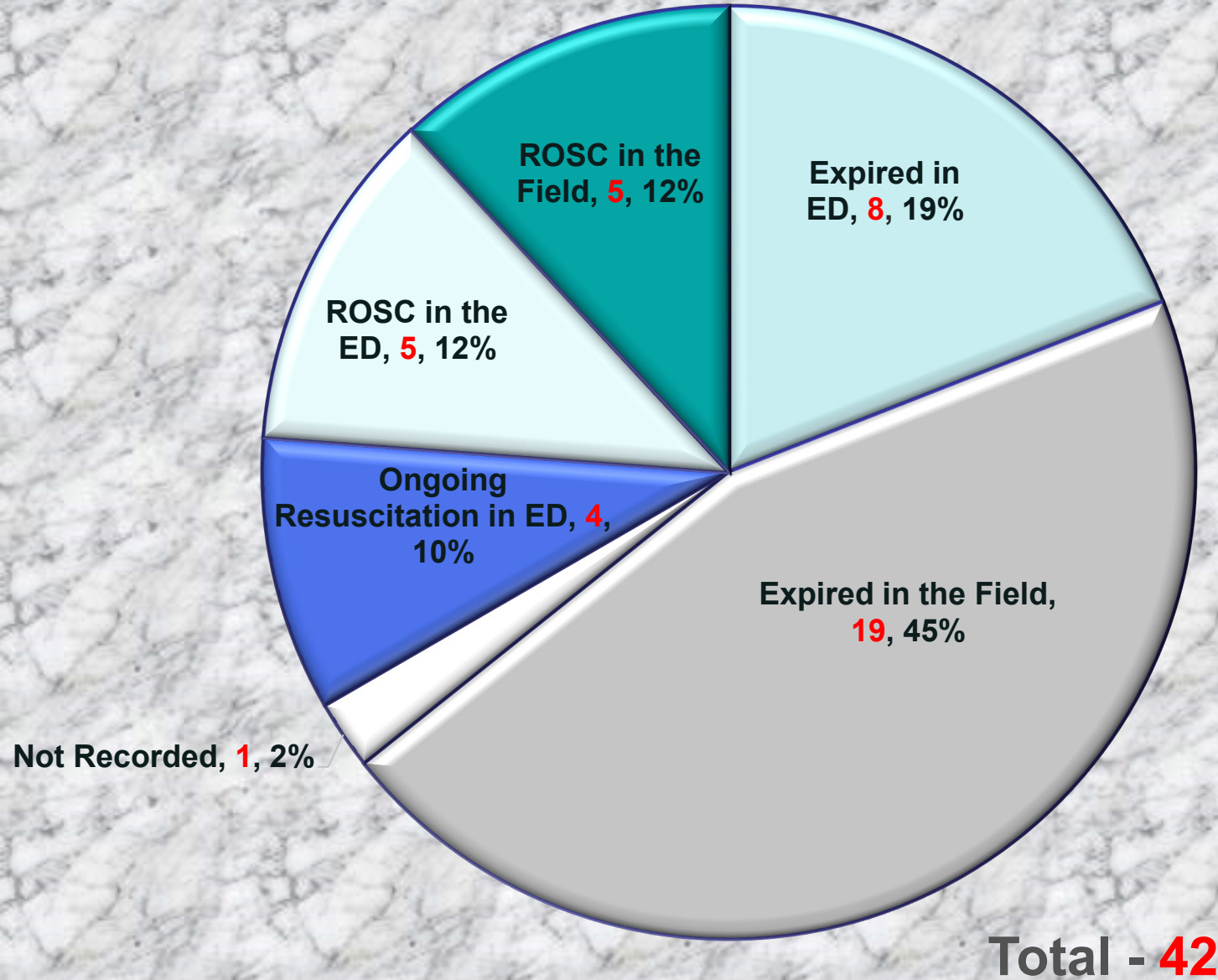




Transport Destination



Cardiac Arrests Outcomes (includes DOA's)



One Year of Ambulance Service...

First call for BFD Ambulance



The first year of the EMCT Division has been marked by outstanding service and remarkable achievements. We are proud of our team's commitment to excellence and their continued dedication to serving our community.

Accomplishments in FY 2024

Patient Care and Assessments:

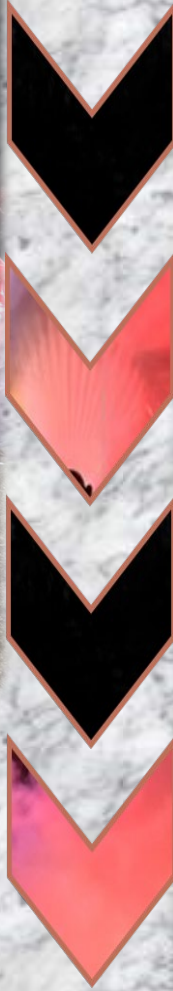
- 2,628 Patients assessed
- 2,539 EMS calls for service
- 1,918 Emergency transports to hospitals

Ambulance Responses:

- #121 responded to 1,457 EMS calls
- #122 responded to 1,348 EMS calls

Patient Treatments:

- 886 patients treated for general illness
- 677 patients treated for injuries and pain
- 439 patients treated for other specific health issues like seizures, diabetic issues, and strokes
- 282 patients treated for respiratory or cardiovascular issues
- 175 patients treated for mental health issues or substance abuse
- 42 patients in cardiac arrest or deceased, with 10 of those individuals having a return of spontaneous circulation due to CPR



FIRE INCIDENTS

Burger King Fire
July 28, 2023





New hire Jason Jankowski starts with the BFD on 5/22/23...



Captain Chad Cunningham retired 6/5/23

May 31, 2002 - June 2, 2023

Promoted to Lt. 11-30-18



Instructed Explorer Program



BFD Honor Guard

Est. 2015



Chad started our Honor Guard



Ran MDA for many years



Promoted to Captain
5/6/22



MDA Camp 2017



Promotions June 5, 2023



Captain
Jason Swanson



Lt. Nic Thornton

Adrian Trujillo's
last day with the
BFD was 7/31/23



Firefighter
Adrian Trujillo

Luis Herrera started
with the BFD on 10/9/23



Luis Herrera

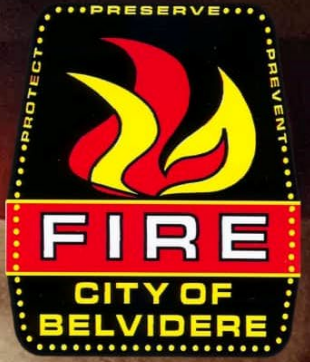
City Hires Fire Inspector

This city of Belvidere needed someone solely dedicated to fire inspections. We currently have 732 inspectable properties.

Matt Wittig came to the city of Belvidere with a wealth of knowledge. He started with the Fire Dept. on August 7, 2023 and has been a great asset to the city.



During the last few years of Yogi's life (Chris Gilman's lab) he became part of the BFD family. He had a knack for winning people over. He passed on July 5, 2023, five days shy of 15 years old.





New Pierce Engine 101
Arrived 6/8/23
Put in service 8/18/23

#102 LaFrance Engine is Decommissioned

This American LaFrance Engine known as Engine #102 was purchased in 2002 new.



- ❖ Engine #102 was taken out of service in November of 2022 due to catastrophic engine failure.
- ❖ The expected cost if fixed would have been over 30-40K dollars, and parts were not readily available to fix the vehicle
- ❖ If the engine was fixed, the pump and chassis were soon to go also.
- ❖ The vehicle had over 165K miles and 15K hours of running time which equates to at least an additional 500,000 miles of wear.
- ❖ It was decided to decommission #102.
- ❖ Due to its condition, it was scrapped.



Lt. Jason Swanson
Vehicle Maintenance

Lt. Swanson is in charge of our vehicle/apparatus maintenance. This year it has been a challenging task. We are lucky to have him in this role.

- We purchased this 2003 F450 Ambulance on 5/21/2014 for \$10,000 from Harlem Roscoe FD.
- It was used for medical calls whenever we had enough staffing, to save on wear and tear of the engines.
- Much later it was used as our water/rescue vehicle.
- It was sold at a WI Surplus auction in May of 2024.

Modified Utility truck #160 / #142



- Purchased in 2016 to replace our old Grass Rig.
- We found there is not much use for a Grass Rig in this area, so it became our #160 Utility Vehicle.
- As a Utility Vehicle it had limited usefulness.
- In the spring of 2024, it was repurposed and is now being used for Advanced Life Support & Water Rescue (*pictures on next slide*).



**Was #160 Utility vehicle, now #142 ALS
Response & Water Rescue Vehicle**



We don't just put out fires...





BFD on behalf of Boone County is awarded FEMA's AFG Grant in the amount of \$594,248.43; A Regional Communications Grant

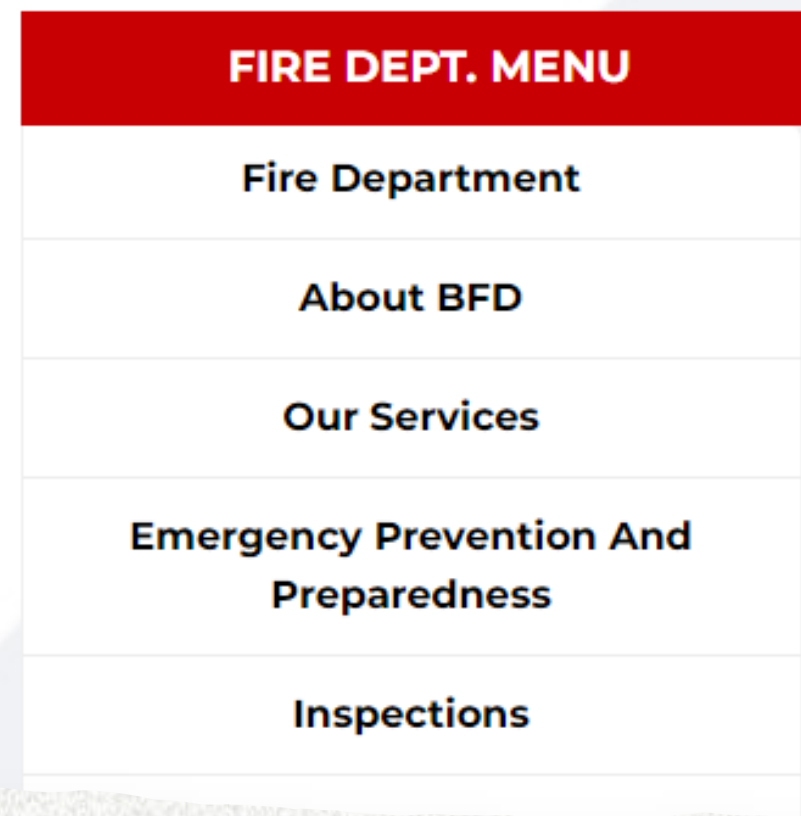
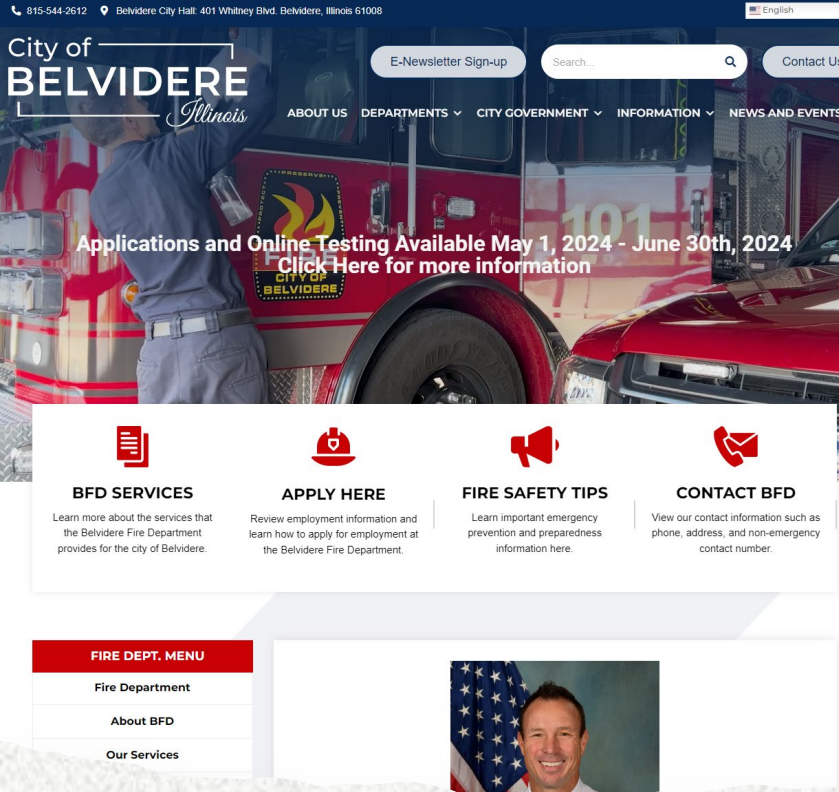
- ❑ 68 dual band portable radios and associated equipment to be allocated as follows:
 - District 1 - 14
 - District 2 - 22
 - District 3 - 18
 - Belvidere Fire - 14

Interns at the BFD:

From time to time we get college students who are taking a Fire Science class which includes 9 weeks of real time work at a fire department.

In FY2023 we had two and another is starting soon. This is Juan Noguera who started his internship with us on 9/18/23 and graduated from RVC on 5/14/24.





In the Fall of 2023 we overhauled and modernized our City/Fire Department website to include updated and relevant information.

New Candidate Testing Process

- Modernized Application Process: Streamlined and updated for ease of use.
- All Online: Applications can be completed entirely online from any location.
- Convenient Testing Locations: Applicants can take tests at home or at local testing centers.
- Flexible Testing Period: Written tests can be taken anytime during the 60-day application period.
- Online Interviews: Interviews conducted online and scored efficiently.
- All links on our up-to-date website



Drug Exchange

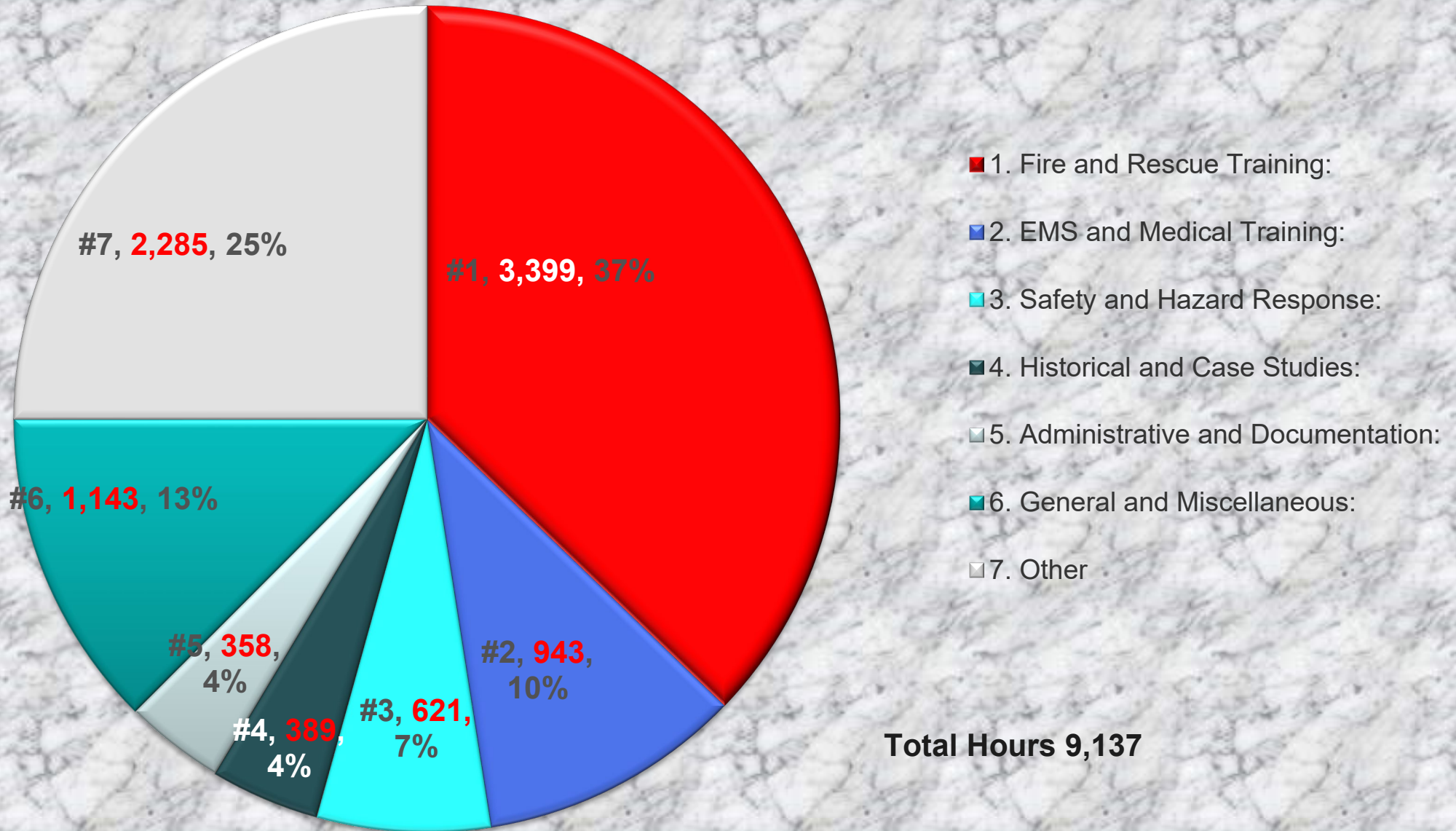
As our EMS Coordinator, he purchases all our EMS supplies, makes sure the firefighters are current with all their related licenses and arranges all EMS training which adds up to a lot of hours.

Approximately once a month his crews take inventory of all the drugs on all their corresponding vehicles. Captain Burdick then goes to OSF pharmacy who exchanges all the soon to expire drugs with fresh product.

Captain Burdick
EMS Coordinator



Training Hours by Type



Training

To exceed the expectations of our community... We continue to train every day. Our goal is to be safe, proficient and to maintain or improve our ISO rating.

Lt. Tangye maintains our annual training calendar, and ensures we receive and maintain needed certifications. He also ensures compliance with OSHA and the OSFM.



Travis Tangye
Training Coordinator



Rope Ops. training



Grain-bin rescue training

Americold
Belvidere Police Department
Belvidere School District #100
Belvidere SWAT
Boone County EMA
Boone County Fire District #1
Boone County Fire District #2
Boone County Fire District #3
Bureau of Alcohol, Tobacco, Firearms, and Explosives
Central Grain Co.
Community Building
General Mills
Genoa-Kingston Fire Department
Hamblock Ford
Illinois Fire Service Institute
Integrity Auto Care
Kirkland Fire Department
Mabas 8 Water Rescue/Dive Team
Magna Exteriors
Manitou Group
Mercyhealth System - MD-1
Nicor Gas
Office of the Illinois State Fire Marshal - Arson Division
OSF St. Anthony Medical Center
Project Kelly
Project Yukon
REACT helicopter
Tanner Industries

This is a list
of the
outside
agencies we
trained with
in FY24



Sight & Safety Emergency Response with US Secret Service at the community center.



It's not every day
you get to shake
hands with the
President of the
United States!



Events And Public Education



Lt. Nic Thornton – Event Coordinator

Lt. Thornton oversees our CPR program, is our emergency planner, and also works with the public to coordinate the many events we are asked to participate in.



Our new CPR Sign-up Program On-line



- We spent the last year revamping our CPR program to better serve the customers and the city.
- We instituted an online registration and payment system to better account for our income and track our students' information.
- This has allowed an easier method of the students being able to pay and reduced the liability of cash transferring hands when we have classes.
- Internally this has also streamlined the process of getting students registered and the instructors having a good roster day of class and proper information.
- We hope moving forward that this provides a better, more seamless process of getting our citizens CPR trained and ready to respond in an emergency.

P.R. Events:

The BFD is asked to participate in a lot of P.R. Events, these are some from FY 24.

National Day of Prayer

Vets Roll Again

Touch a Truck – Health Fair

VFW Memorial Day Program

Library Summer Kick-off Party

Hydrant Block Party

Heritage Days

Fishing Frenzy Event

Spray Water – Gen. Mills Park

Scoop Ice Cream at Sips & Sprinkles

Visitation Walk throughs

Fire Drills

Farmer's Market Car Seat Checks

Lions club Pork Chop Palooza

Back to School Food Truck Party

JOY (Just Older Youth) Senior Talks

BNHS Homecoming Parade

D.Q. Pub. Ed. Event

Halloween Parade

Veteran's Day Ceremony

Cub Scout First Aid Talk

Build a Bike

Chili Cookoff

Girl Scout Fire Safety Talks

Special Olympics Parade

Never a dull moment...



December 7, 2023 - Walmart

Shop with a Hero

And this
was just the
BFD
turnout...
way to go!



50 lucky kids
were given the
opportunity to
spend up to \$50
on themselves or
family members
to assure there
was something
under the tree for
Christmas.

BFD vs BPD Softball game – Fire beats: 22 to 11



A scoreboard for a softball game between BFD (Home) and BPD (Guests). The scoreboard is green with white and red text. It shows the following information:

HOME	INNING	GUESTS
22	8	11
BALL	STRIKE	OUT

The scoreboard is mounted on a wooden post. In the background, there are trees and a parking lot with several cars.



POLAR PLUNGE

March 2, 2024

Rock Cut State Park



Lt. Thornton tried to organize a BFD Polar Plunge team, but only a few were brave enough even with the mild winter.

Nic & Lauren

BFD Firefighters are honored for their bravery and heroism...



On March 31st, at 07:42 pm a EF1 tornado struck a building occupied with 260 persons. The entire area emergency response network all worked together to save many lives. Certain individuals were instrumental in the response, and were recognized with the following awards:



Lt. Travis Tangye



FF Matt Loudenbeck



FF Greg Pavlatos



FF Adrian Trujillo



FF Zach Bullard

Medal of Valor

To receive the Medal of Valor, the firefighter must be a member of the department who, in the performance of duty while on a call, under hazardous conditions, in which the member is confronted with imminent personal risk, but had no prior knowledge of that risk, performs an act of conspicuous heroism which furthers the highest traditions of the fire service.



Lt. Dan Drall



FF Jim Kriebs



FF Mark Beck



To receive the Meritorious Conduct Medal/Commendation Bar, the firefighter must be a member of the department who performs a notable act of distinction in the performance of duty and reflects the integrity and devotion shown by the recipient.



Lt. Nic Thorton



FF Adam Ellwanger



FF Brad Heiser

Meritorious Conduct Award



Paramedic Lauren Schultz



Life Saving Award

To receive the Lifesaving Medal, the firefighter must be a member of the department who is principally involved in saving the life of another person and whose personal actions were directly responsible for the lifesaving act.

Thanks to Nic, Riley, Michelle, Lauren, Shawn and Kevin for sharing their personal photos, some of which have been used in this presentation. And special thanks to Chris Gilman for all her hard work on this and many other projects through the year.

