

2023

SCAPPOOSE RURAL FIRE PROTECTION DISTRICT



ANNUAL REPORT

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MISSION, VISION STATEMENT & VALUES

Our Mission.....

We are dedicated to the preservation and protection of life and property of our community through education, fire prevention, emergency services and disaster preparedness

Our Vision.....

- ~Leader in Firefighting/EMS innovation, committed to professional development of our members*
- ~Origination held in high esteem by our community and peers*
- ~Prepared to meet the needs of our community in a proactive manner*
- ~Foster a safe working environment*

Our Values.....

Service, Dedication, Pride



OFFICE OF THE FIRE CHIEF

We are thrilled to be able to provide to you in this document, our accomplishments from 2023. All of this great work was achieved by our team through their unwavering service to our community, with distinctive dedication and the glowing pride that continues from year to year. As you will read in the ensuing pages, this is quite a feat for a small community-based organization that has team members from all different backgrounds, specialties and experiences. We are very fortunate to have a team that continues to perform in some of the most demanding environments to protect and enhance our community. Without our talented team, which is comprised of community-based volunteers and career staff, we would not have accomplished all that we have.



Your team stepped it up significantly in 2023. From focusing on details behind the scenes (streamlining data collection on pre hospital care reports, training, community events, watching inventories, policies, participating on committees (Safety, membership, apparatus and more)), that really keep us focused on Task, Purpose and the End State of our organization. This report is a prime example of this.

In 2023, we started trials with two new significant programs. Our membership outreach coordinator, who helps us recruit and retain our dedicated volunteers; and our community paramedic position. Both positions have been phenomenal in helping us to provide a better service to our community. These positions are currently being funded by grants.

Despite all of the good work and the various ways we are getting involved with the community (Our Workforce Development / STEM education / College credit program at the High School), we are challenged and threatened with external funding dangers like Urban Renewal, poor Medicare reimbursement and Enterprise Zones. We will be continuing to work with partner agencies and legislators to seek relief from these challenges.

We are looking forward to another great year ahead. We have some incredible projects and acquisitions that are almost through completion that will have positive impacts for the next 15 to 20 years in our community. We will continue to grow as a team and strive to be known as a High Reliability Organization for the community.

From our fire family to your family, on behalf of the volunteers, career staff and the board of directors, thank you for the honor of being able to serve you.

Mahalo,

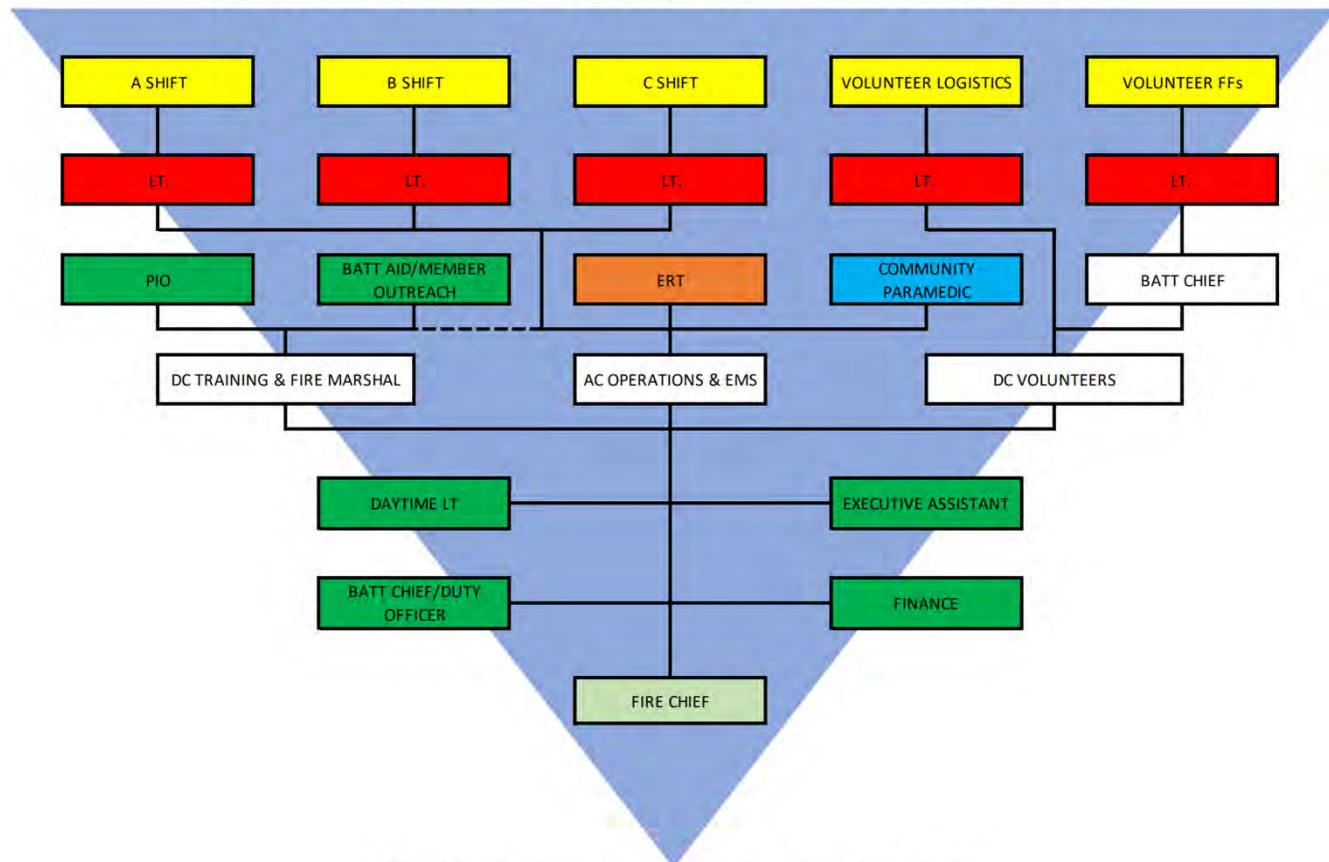
Jeff Pricher

1. Retain and Recruit High Quality community volunteers for emergency response and community service.
2. Replace Water Tender, Frontline Fire Engine and two (2) light duty apparatus.
3. Complete STEM education and workforce development project with the Scappoose High School.



SRFD ORGANIZATIONAL CHART

SRFPD ORGANIZATIONAL CHART



This organizational chart is based upon the servant leadership philosophy

Scappoose Fire District has 22 community dedicated volunteers
Scappoose Fire District has 25 Full Time Employees
2 Emergency Response Technicians
15 Firefighter Paramedics (11 Paramedics and 4 EMT's)
3 Administrative Staff
1 Division Chief
1 Assistant Fire Chief
1 Fire Chief

ABOUT THE SCAPPOOSE FIRE DISTRICT

Scappoose Rural Fire Protection District operates as a public corporation in the State of Oregon. The fire district consists of a 52 square mile fire protection area, and 100 square mile ambulance service area. The City of Scappoose and the unincorporated areas of Warren, Chapman and Holbrook as well as 12 miles along the Multnomah Channel, which has a large residential riverfront community, make up the service area served by the district. The Fire District services approximately 15,000 residents with our 4 stations, one of which is a boathouse for the fire boat. Only the main station is staffed 24/7. We have about 18 volunteers, 15-line crew, 2 EMS and 6 admin. The administration are 3 office staff, 1 division chiefs, 1 assistant fire chief and a fire chief. The Fire District is a full-service emergency provider (fire suppression, rescue, transport ambulance).

An elected five-member board of directors governs the fire district. The governing body is given certain powers and authority by the laws of the state. Each member of the governing body is a public official charged to act in the best interests of the public they represent. The members are accountable to the public through federal, state, and local laws.

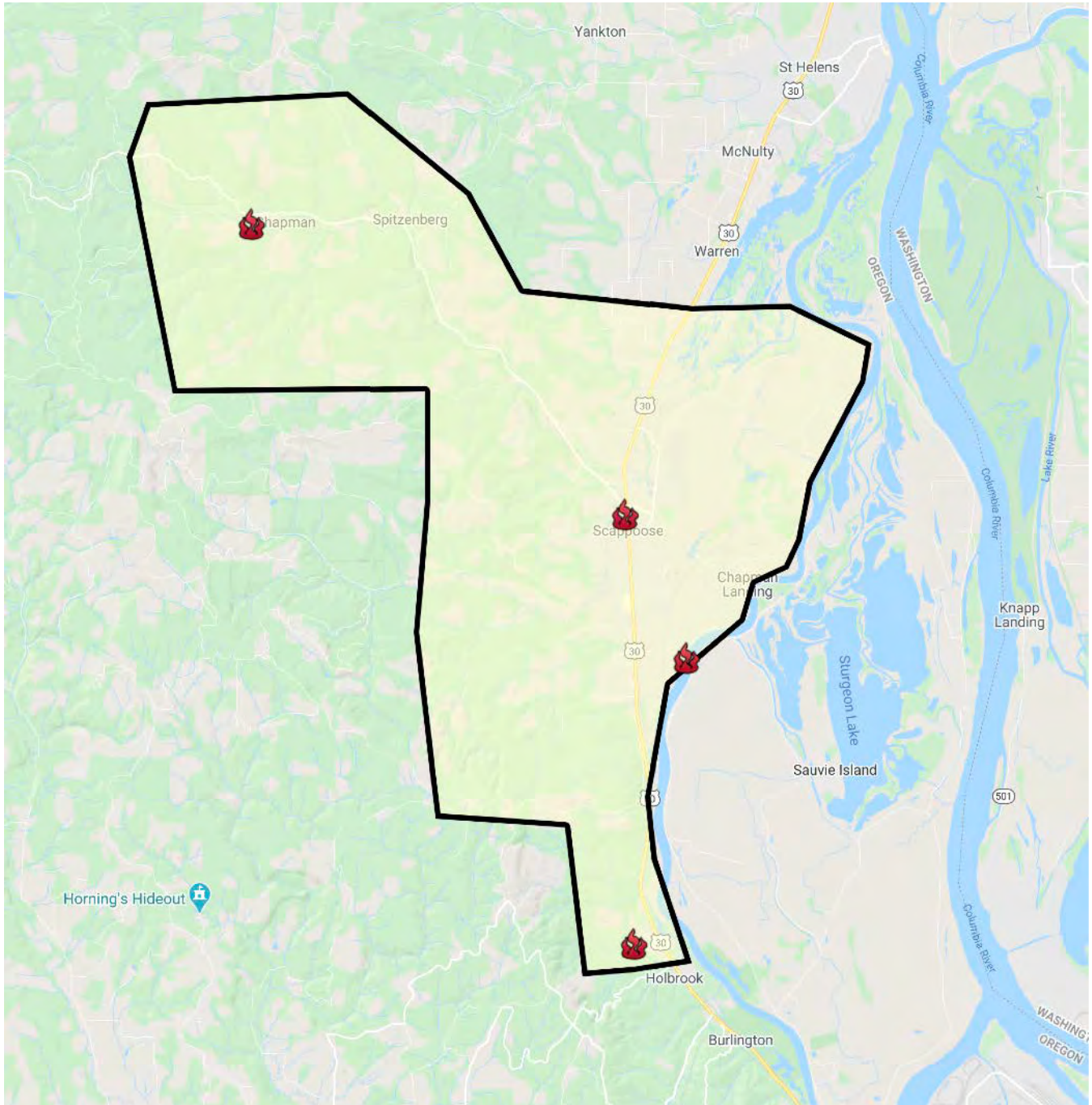
Scappoose Fire District Board of Directors

Name	Title	Term Expires
Susan Reeves	President	5/2027
Mark Gift	Vice President	5/2027
Andy Kriech	Secretary/Treasurer	5/2025
Dave Graham	Director	5/2025
Dave Sorenson	Director	5/2027

Scappoose Fire District Meetings in 2022

12 Monthly Meetings (2nd Thursday of the month 7PM)
2 Budget Meetings

SERVICE AREA



The Scappoose Fire District operates out of the following stations:

Scappoose ————— Main Station (Staffed 24/7)

Chapman ————— Satellite Station

Holbrook ————— Satellite Station

Boathouse Station ——— Satellite Station

ROLLING STOCK / BRICK & MORTAR

Unit	Type	Year	Age
WT435	Water Tender	1981	43
E436	Structure Engine	1987	37
Tower 431	Ladder Truck	1991	33
R431	Rescue	1993	31
BR436	Brush Engine	1996	28
U431	Pickup	1996	28
E435	Structure Engine	1997	27
E432	Structure Engine	1997	27
WT431	Water Tender	1997	27
BR435	Brush Engine	1999	25
FB43	Fire Boat	2004	20
SQ431	Squad	2005	19
SQ432	Squad	2005	19
BR431	Brush Engine	2005	19
SU431	Support / Rehab	2006	18
M430	Ambulance	2008	16
4301	Chief Response	2008	16
M431	Ambulance	2014	10
C43	Chief Response	2015	9
M432	Ambulance	2017	7
4302	Chief Response	2019	5
REM 431	Rapid Extraction Mod	2021	3
E431	Fire Engine	2021	3

As of 3/12/24, maintenance expenses are \$104,632 of \$140,000 that were budgeted for fiscal year ending June 30, 2024.

The National Fire Protection Association (NFPA) states apparatus "that are over 25 years, should be replaced." (NFPA 1901- D.1)

Location	Year Built	Age	Size of Building	24 Hour Staffing
Scappoose Station	1987	35	14,280 sf.	YES
Chapman Station	1978	44	2,400 sf.	NO
Holbrook Station	1987	35	1,296 sf.	NO
Boat House Station	2005	17	950	NO

FUTURE CAPITAL REPLACEMENT PROJECTS

Replace three (3) HVAC units at the Scappoose Station

Three of the four current units are the original units, purchased in 1987. They are beyond their service life, and no longer efficient.

\$80,000

Scappoose Station upgrade and renovation

Scappoose station is out of usable space. Scappoose Firefighters have no facilities to train within the District.

The bathrooms and living facilities are cramped and do not allow for gender neutral and gender inclusivity.

Add vehicle exhaust system to prevent cancer and reduce carbon build on firefighter protective equipment.

\$4,500,000

Systematically replace our aging emergency vehicles

Current first response city fire engines are 27 years old (1996) Chapman/Scappoose

Current ladder truck is 32 years old (1991)

Current Rescue is 31 years old (1992)

Current brush engine is 27 years old (1996)

\$3,100,000



AWARDED GRANTS

OSFM Staffing Grant \$35,000

These funds were part of Senate Bill 762 (2021) which was for wildfire resilience and preparedness. Scappoose Fire used the funds to staff during the 2022 wildfire season adding a woodland response crew Friday, Saturday and Sunday. This was a one-time only grant.

OSFM HMEP Hazmat UAS Grant \$47,000

These funds are being used to purchase a DIU compliant aircraft with a mapping payload. This will be used for mapping target hazards identified in the combined hazmat plan. This will also serve as a response aircraft for all types of emergencies.

State Homeland Security Program (SHSP) UAS Grant \$59,350

These funds will be used to acquire the first fixed wing UAS in the state for use in all types of emergencies. Funds will also cover the training for six (6) pilots to be trained by the manufacturer.

RDPO / UASI UAS UAS Detection Reprogramming \$8,400

These funds will cover the cost of UAS detection equipment. This project is part of the Regional Disaster Preparedness Organization 2020 funding. We took on this project in November of 2020.

Senate Discretionary Funding SHS Project \$198,000

These funds are being used to establish a workforce development program and STEM education program at the Scappoose High School. This partnership is in collaboration with the High School, Portland Community College and OMIC.

FEMA Assistance to Firefighter Grant \$398,000

These funds are being used to purchase a new water tender and replace our non-purpose-built apparatus that was built in 1981.

FEMA Staffing For Adequate Fire Response (SAFER Grant) \$423,400

This grant funds a four-year recruitment and retention coordinator and 10 sets of personal protective equipment. This is a four-year Grant project. We are in year two of this grant.

Oregon Emergency Management SPIRE (Cell On Wheels (COW))

The State Preparedness and Incident Preparedness Equipment (SPIRE) grant will be purchasing a Cell On Wheels (COW) that will allow us to establish cell service in areas where there is no cell service or when local cell towers are not operable.

Oregon Emergency Management SPIRE (USAR Heavy Lift Airbags Kit)

The State Preparedness and Incident Preparedness Equipment (SPIRE) grant will be purchasing a full complement of Urban Search And Rescue (USAR) Heavy lifting Airbags.



SCAPPOOSE
FIRE DISTRICT

Service · Dedication · Pride

Caution
Ahead

SHARE & CARE PROGRAM

Since 1990 the Scappoose Volunteer Firefighter's Association and Scappoose Kiwanis have partnered to host the annual Share & Care program for families in need during the Christmas holiday season. Share & Care is funded through private and corporate donations and is classified as a 501©3 charitable organization.

In 2023 Share & Care served 158 families (340 children and 314 adults) providing them with food, clothing, toys, and healthcare items.

The administrative work that is done behind the scenes is vast. The Fire District hired a coordinator in 2023 to manage the program and all the logistics during the months of November and December, freeing up office personnel to continue the work of the department. Working with over 20 volunteers, Share & Care set up an off-site space to sort gifts and bag them for distribution. This space became available in 2021 moving the 8-week sorting and bagging operations out of the department bays. Share & Care is not guaranteed this space each year and will always be on the lookout for a place to accommodate the behind-the-scenes work so that it does not need to return to the station.

Early in November, Share & Care distributed applications throughout the Scappoose community in locations such as the local food pantry, schools, library, and fire station. Families had the option of completing a paper application, utilizing a link on the district website, or following a QR code to apply online. Roughly 69% of the 157 applications this year were made electronically. Share & Care requested email addresses on the application for the first time this year and was able to efficiently remind families of the distribution day.

Each year Share & Care places a giving tree in Fred Meyer. The public selects tags indicating various needs of the applicants. These items are then taken to the fire station in preparation for the big distribution. Many local businesses and churches also worked with Share & Care to offer approximately 7 additional trees at their locations. Share & Care received toys from the Les Schwab and KGW Toy Drives. The Scappoose Volunteer Fire Department and Santa also collected toys and cash donations from the moorages during the annual Christmas Ship Parade.

Over the years many private citizens and businesses have become annual donors and helped pay for food and various needs. Share & Care utilized social media, the fire district's website, and local newspapers to solicit new donations. Donations this year were down by about \$10,000 at just over \$19,000, with expenses at around \$17,000. Extra funds will be rolled over for the following year's Share & Care program expenses.

The grand finale for Share & Care was distribution day. As families arrived at Scappoose High School, they were greeted by Kiwanis members, volunteers and Fire District staff who loaded their vehicles with the gifts and food. Over the course of about five hours the team was able to set up, serve and clean up after this grand event. It is with the tremendous help and expertise of many that Share & Care can serve our community in this fashion.

Upon reflection of the 2023 Share & Care season, the team has set the following three goals:

1. Find an appropriate location for 2024 as the current facility will likely be unavailable.
2. Expand community outreach to increase revenue and involvement.
3. Increase sponsorship of individual families from 15 to 20 sponsors.



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ADMINISTRATION

The administration office of Scappoose Rural Fire District had two full-time equivalent (FTE) employees in 2023. This year, the district has hired a part-time battalion chief, an emergency response technician (ERT), and a community paramedic, in addition to filling the position of member outreach coordinator. We are happy to say that we have gained 11 volunteers this year, bringing our total number of volunteers to 22.



The SRFD website is a great resource for accessing meeting minutes and board packets from 2018 to the present, along with our annual reports covering the years 2020 to 2023. The website also contains useful information about career and volunteer opportunities, driveway standards, our Un-crewed Aircraft Systems (UAS) program, sharps program, and emergency preparedness. Additionally, you can find details about upcoming events such as our annual pancake feed and Share and Care (during the holiday season). We are proud to report that our website received a 54% increase in visitors directly searching for our site in 2023. The overall site sessions also increased by 10% this year, with our highest traffic day being July 12, 2023.

Throughout the year, SRFD made 114 Facebook posts related to public safety. Those posts reached an estimated 179,696 people with an average reach of 2,500 people per post. During 2023, the post with the largest reach was the fatal fire in August which was seen by approximately 30,000 people. Since last December, our Facebook followers have increased from 6,119 to 6,521 people. The number of times our Facebook page was visited was 33,913, and we received likes from 500 new people.

We currently have 506 members utilizing our contract with Life Flight Network's FireMed program. Health insurance is a requirement for a FireMed membership as it covers any costs not covered by insurance for transports that are medically necessary and emergent. Those who enroll in the program will not receive a bill from Scappoose Fire District, however, there is an annual fee per household.

This year our annual 4th of July pancake feed held by the volunteer association raised \$3,434.30 and served 1,083 people. The proceeds from the pancake feed help to fund scholarships for Scappoose High School seniors.

The administration office billed for 11 private fire contracts in 2023, with a projected revenue of \$8,927.35.

Administration Goals for 2024:

- Improve communication among all staff and volunteers.
- Continue to provide fantastic customer service to our community.
- Expand coordination between internal workgroups and the public.



EMERGENCY MEDICAL SERVICES (EMS)

Calendar year 2023 brought more change to Scappoose Rural Fire District. The organization continued to show its willingness to work collaboratively with other agencies to continue providing the best possible service to the community.

As reported in the 2022 EMS section of the annual report, the agency continues to work with Columbia County Public Health on revising the Ambulance Service Area agreement. With collaboration of all EMS agencies in the county, a draft was submitted to the Oregon Health Authority for review. After 60 days, the draft was returned to Public Health for some minor changes. All the involved parties continued to work towards providing feedback to the county to ensure a quality product was submitted to the state for approval. This was a team effort by all involved.



Being an EMS agency, the organization is required to be under the direction of a Physician Advisor. These physicians must be experts in Emergency Medicine along with having a strong EMS background. During 2023, our previous advisor informed county EMS providers that they would be resigning from the position. The physician continued to work with the organizations to ensure a smooth transition. Four out of the five transporting EMS agencies in the county decided to continue working together and have one advisor provide direction. After an extensive search, these organizations agreed upon a new advisor who began service in October of 2023. Scappoose Fire District led the way for this process to ensure a quality candidate was chosen.

In the second quarter of 2023 Scappoose Fire was approached by staff at Care Oregon regarding a Community Paramedic Program. Initial discussions showed this position would be reimbursed through a contract with Care Oregon with minimal cost to the fire district. After much discussion between the two organizations, it was decided that Scappoose Fire fit the mold for what Care Oregon was looking for and a Community Paramedic program was initiated in July of 2023. The program works with Medicaid to educate and provide services to enable Medicaid members to stay healthy and safely where they live.



Another large lift in 2023 was the Medicare Ground Ambulance Data Collection Survey (GADCS). This survey is a required mandate from the Center for Medicare Services. The goal of this survey is to increase Medicare Reimbursement for transporting ambulance services. The organization needs to collect a large amount of data to submit to Medicare for this project. If the data collected is deemed inadequate or incomplete by Medicare standards, the organization could be fined 10% of its Medicare billing for a full year. Due to this, the organization decided to work with an outside company to provide guidance and assistance in this matter. Data includes call volume, call disposition, personnel costs, operating costs, billing and revenue, depreciation of buildings and vehicles, and all expenditures.

EMS Goals for 2024: All EMS goals for 2023 were accomplished. Goals for 2024 include completion of the GADCS data submission, improve EMS documentation, improve the organizations EMS Quality Improvement program.



SAFETY

The fire district continues to have a robust Safety Committee. The committee meets monthly as required and provides quality feedback to the organization on how to improve safety. The district continues to have a good safety record and only recorded two lost time injury in 2023.



Roadway incidents continue to be one of the largest risks the organization faces. Over the last year, Scappoose Fire partnered with local ODOT personnel to provide training in Traffic Incident Management. This program is taught by a multidisciplinary group of instructors. The instructor cadre represents law enforcement, ODOT workers, Fire Personnel and Tow Operators.



The goal of the program is to decrease traffic congestion by removing the incident from the roadway. Another aspect of the training is to have all responders on scene have the same plan in mind at an incident. With all parties involved having knowledge of what the others operational goals on an incident are increases safety for everyone involved including commuters on the roadway.

The organization has also upgraded security to district facilities. Access control equipment was upgraded to ensure the fire stations remain secure when crews are on incidents. This project is a work in progress and will continue into 2024.

As you have likely seen from ads on TV, Scappoose Fire is concerned with PFAS or forever chemicals. We continue to monitor this and work towards a plan of decreasing usage to protect our staff.

Safety Goals for 2024: Continue to work on NFPA Physicals. Continue to hold regular and quality safety meetings. Continue to foster a safe working environment. Continue with building security upgrades.



TRAINING

In 2023, 4 Career Firefighters completed their 12-month probations. Two of our volunteer firefighters became NFPA Firefighter 1 certified. Which means all fire suppression members hired within 24 months are at least NFPA Firefighter 1 certified.



In 2023, a total of 87 new certifications were issued to SRFD personnel by OR DPSST.

- Five (5) members became certified at NFPA Firefighter 1 level
- Two (2) members became certified at NFPA Firefighter 2 level
- Two (2) newly certified members for NFPA Apparatus Equipped with an Aerial Device (Aerial) certification level
- One (1) member became certified as an NFPA Public Information Officer
- Four (4) members were certified at NFPA Rope Rescue Operations Level
- Four (4) were certified at NFPA Rope Rescue Technician Level
- Two (2) were certified at NFPA Live Fire Instructor Task Book

Training goals for 2023 that were completed:

- All Suppression SRFD personnel to be certified at the following minimum levels: NFPA Firefighter 1, Wildland Firefighter Type 2, NFPA Hazardous Materials Operations, and NFPA Driver – Completed
- Complete an NFPA Public Information Officer course – Completed
- Complete an NFPA Live Fire Instructor course – Completed
- Ensure all Company Officers are certified at minimum NFPA Fire Officer 1 – Final stages with remaining Company Officer
- Complete an NFPA Driver/Operator with Aerial Device academy – Completed two (2) academies
- Increase the pool of qualified Rope Rescue Operations and Technician level responders – Four (4) members were certified at NFPA Rope Rescue Operations Level and Four (4) were certified at NFPA Rope Rescue Technician Level

Training goals for 2024:

- Development plan for volunteer members to become eligible for Lieutenant Exam
- Add more certified Marine Boat Operators
- Add more certified Engine Bosses
- Increase the number of qualified Rope Rescue Operators and Technicians
- Increase the number of qualified Aerial Apparatus Operators



FIRE MARSHAL

The Fire Marshal is responsible for Fire Code Compliance (Inspections, Complaints, Plan Review and Fire & Life Safety System in servicing), Public Education, Fire Investigation, Youth Fire-setting Prevention and Intervention, Pre-Incident Planning, and Public Information program. All together, these programs are the foundation of the Community Risk Reduction (CRR) program. This program is a work in progress and is paramount to the safety and success of our community.



In 2023, we have five (5) fire investigation trainees with open task books. Our goal is to assist these trainees with completion of their task books through field opportunities within Columbia County and our regional partners. The fire district currently has three (3) certified Fire Investigators.

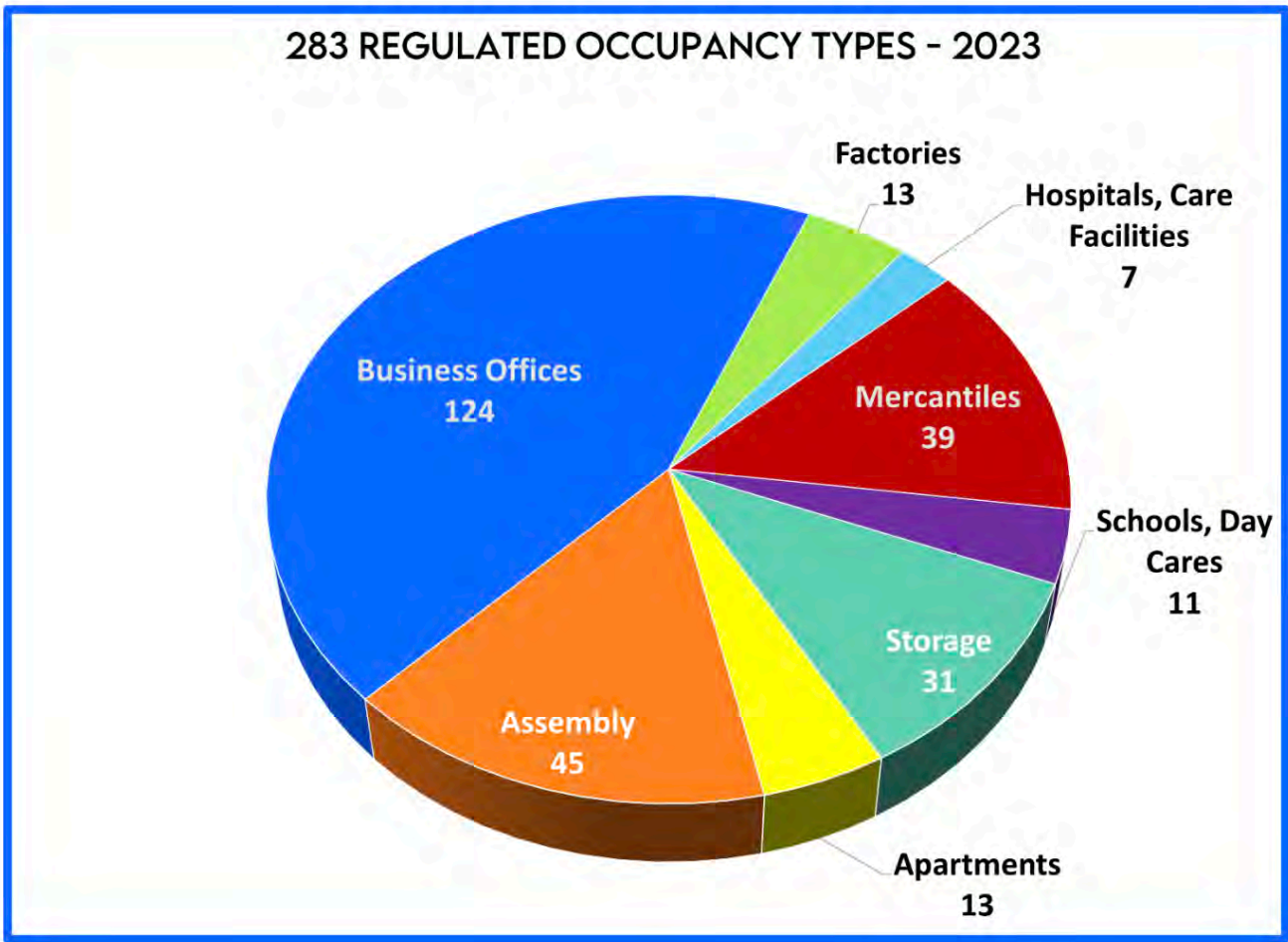
We also have five (5) Public Information Officer trainees; one (1) member completed their DPSST task book and became certified. Efforts will continue to assist trainees with completion of their task books to become certified. The fire district currently has three (3) certified Public Information Officers.

This past year we got all career staff trained by the Oregon State Fire Marshal's Office to conduct Company Inspections. Completion of this training allowed our personnel to perform basic fire safety inspections in groups B and M occupancies with no high-piled or rack storage, R1/R2 occupancies with 15 or fewer rooms, and mini self-storage occupancies. In 2023, we began conducting company inspections and training personnel on how to use the fire inspection checklists.

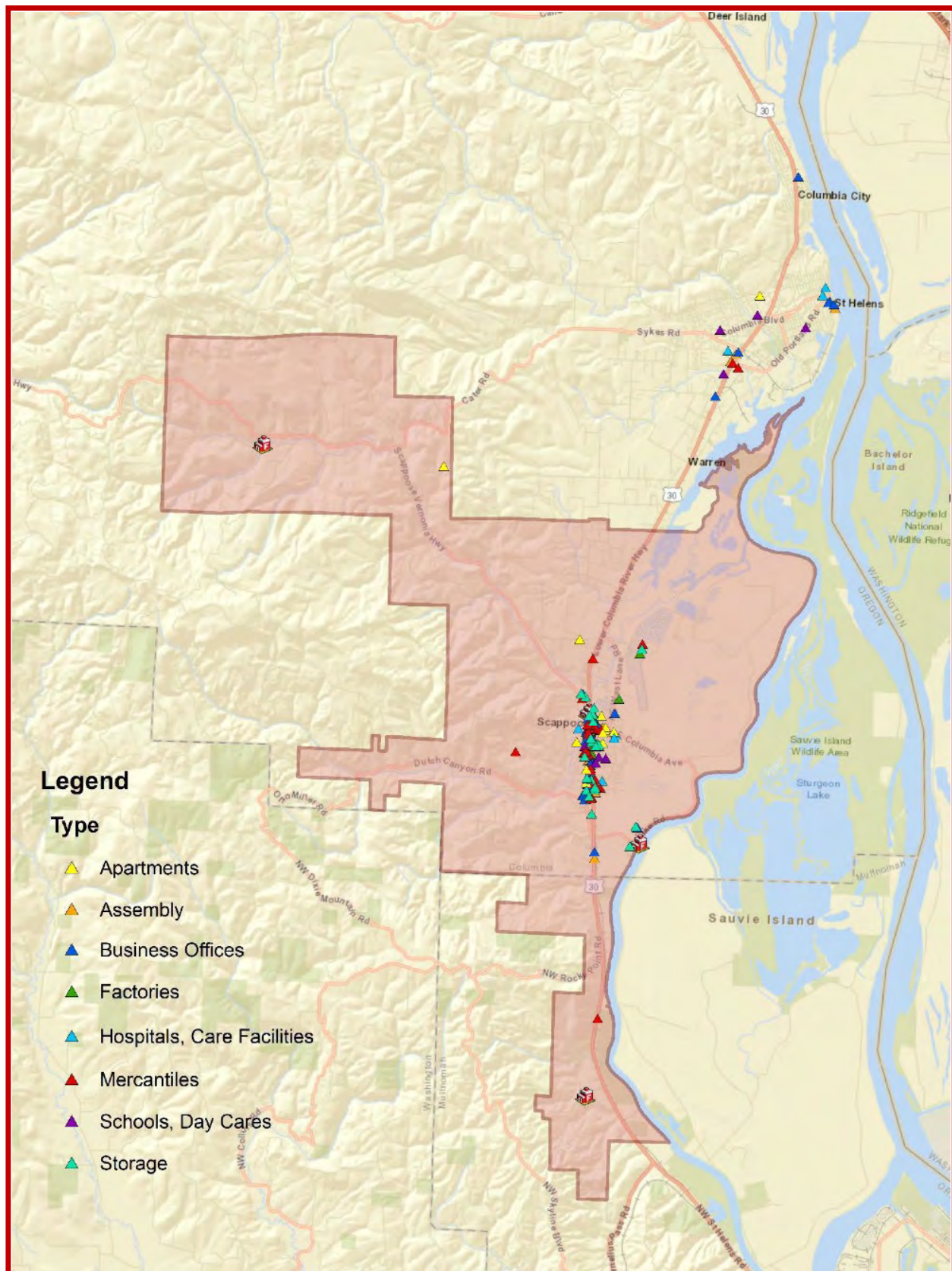
In 2024, we have the following goals for our fire prevention programs:

- Continue to increase the number of fire inspections completed for commercial buildings within our fire district
- Continue to complete pre-incident plans for commercial buildings within the response area
- Complete one (1) Public Education campaign within our community
- Add more certified Public Information Officers to our organization
- Add more certified Fire Investigators to our organization
- Increase the number of certified youth fire-setting Intervention specialists to our organization
- Develop and implement a SRFD Junior Fire Marshal program for grade schools

OCCUPANCY PROFILE



OCCUPANCY PROFILE





Mixing batter for the annual 4th of July community pancake feed

FINANCE ADMINISTRATOR

As in the two previous years, Scappoose Fire developed the budget with the expectation of receiving 90% of the projected tax collections. Collections received above the budgeted amount and grant awards would be used for scheduled replacement of apparatus and equipment. By the end of FY 22-23, (June 30, 2023), the District had received 103% of the budgeted tax amount. As of December 28, 2023, the District received 102.5% of the FY 23-24 budgeted amount. As promised, the tax revenue coupled with grant awards has allowed for the following apparatus purchases during 2023:



2023 Apparatus & Equipment Purchases		
23-Jan Power Loading Cot	\$24,138	
23-Mar North Star Ambulance	\$214,296	Grant Purchase
23-Mar Uncrewed Aircraft System	\$37,373	Grant Purchase
23-Jun Electronics display for Fireboat	\$12,444	
23-Oct Fixed wing UAS	\$35,100	Grant Purchase
23-Oct GPS Equipment for fixed wing	\$5,259	Grant Purchase
23-Nov New Engine pre-build	\$221,572	
23-Nov New Water Tender pre-build	\$116,205	Grant purchase
23-Dec F550 Cab & Chassis	\$74,550	
2023 Total Expenditures	\$740,937	

When comparing the District's 2023 Revenue across all funds, there were notable increases in EMS receipts, GEMT (Medicaid reimbursement) revenue, and grant awards.

Expenditures in 2023 increased due to inflation and additional personnel. EMS data supports a growing trend of double and triple consecutive calls, which can leave the community without adequate emergency response. To continue to provide excellent service to the community, minimum staffing levels increased in July 2022. The effect of this change necessitated the need to hire additional personnel, which in turn increased expenditures for salaries, insurance, and benefits (Personnel Services), in 2023.

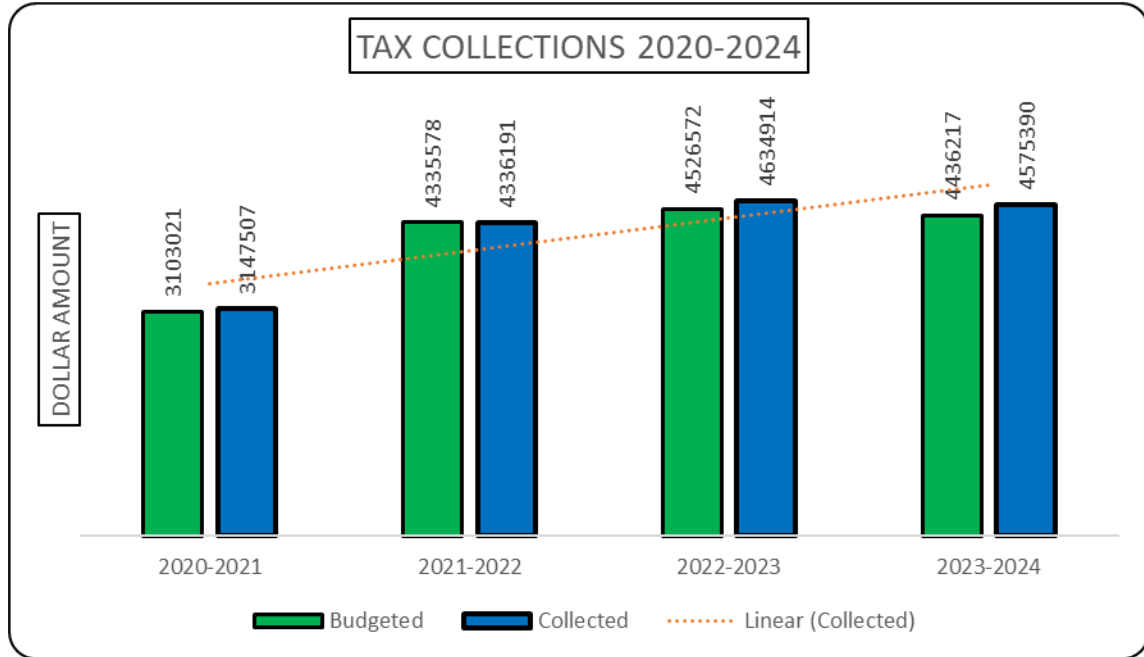
Increases in Materials & Services included expenses for EMS Supplies, Building & Grounds Maintenance, Maintenance on Equipment, and Contract Services.

It should be noted that the preceding two graphs are based on the *calendar year*, not the fiscal year, for the purposes of this report. Roughly 97% of the tax revenue is turned over to the District in the last two months of a calendar year, which causes both the beginning and ending balances to appear inflated in these charts.

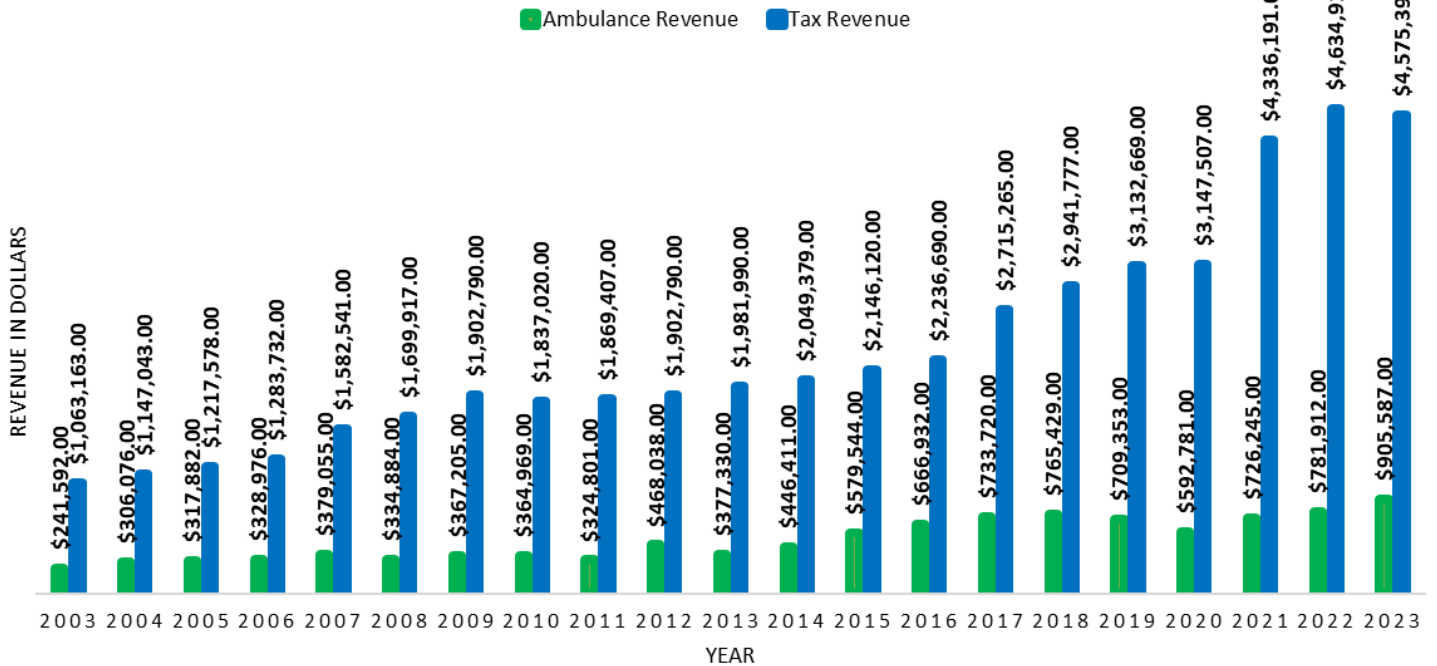
Finance Goals for 2024:

- Continue to budget revenue & expenses conservatively, using unanticipated cash carryover for apparatus & equipment replacement.
- Regularly share the District's current and future financial outlook with the community.
- Accurately & transparently report District finances.

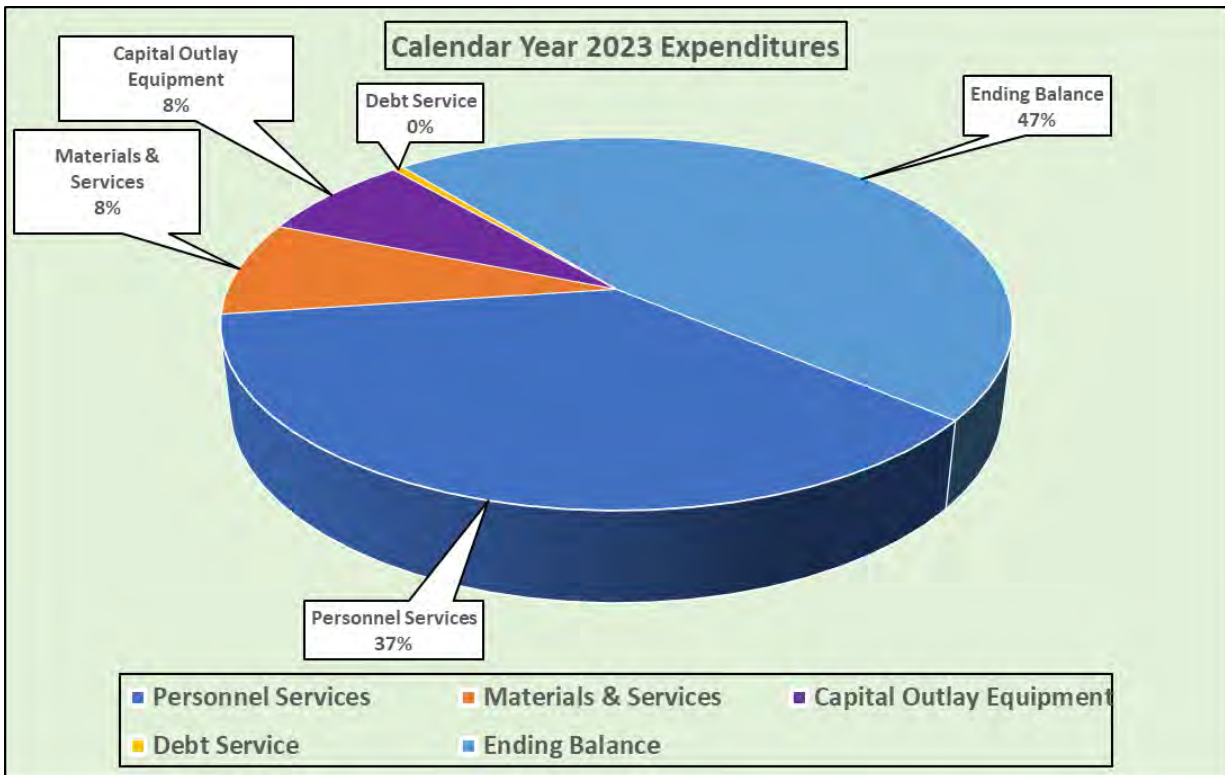
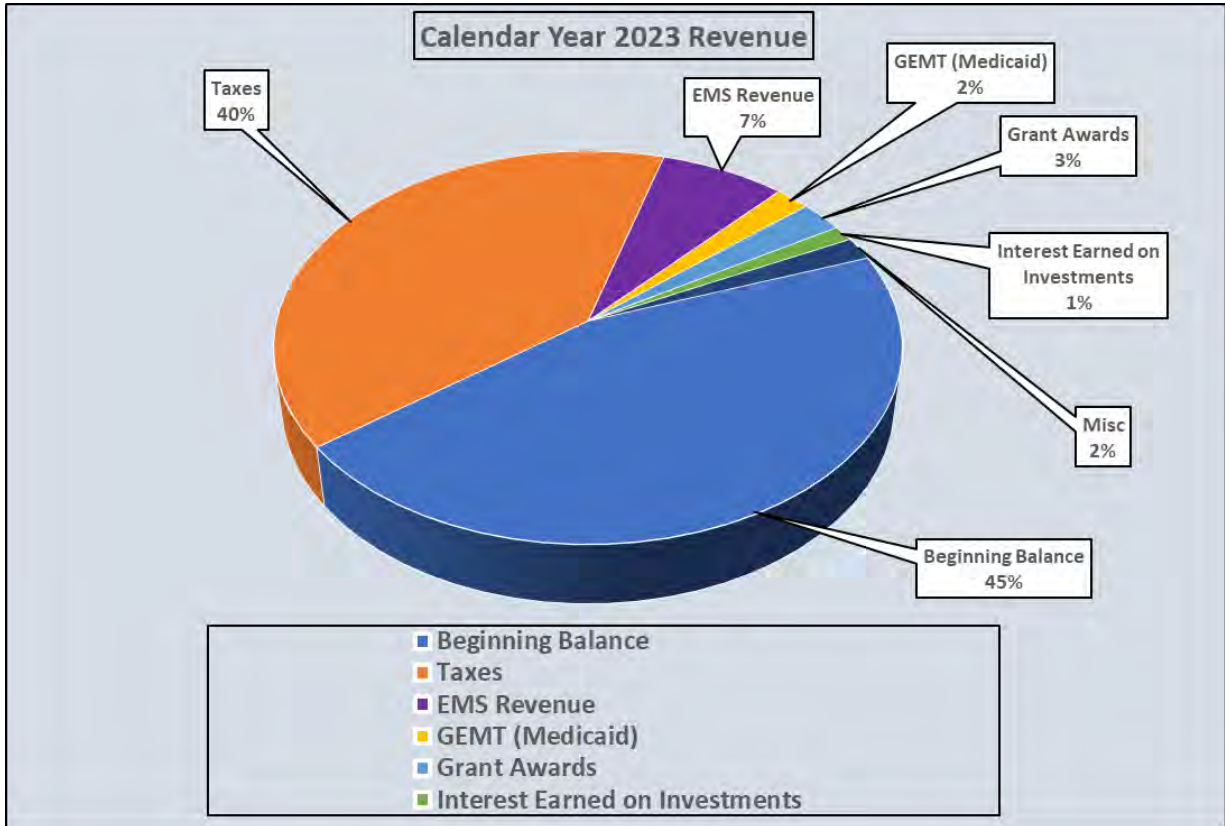
REVENUE



AMBULANCE & TAX REVENUE 2002-2023



REVENUE /EXPENSES





SCAPPOOSE FIRE SPECIALTY TEAMS



RAPID EXTRACTION MODULE SUPPORT (REMS)

In 2015 Scappoose Fire established a first of its kind for our region program called REMS. REMS is short for Rapid Extraction Module Support and comes from FIREScope, which is adopted in California. The concept of REMS is similar to what is commonly referred to in the structural fire service as RIT or Rapid Intervention Team.

What is common in both programs (REMS & RIT) is that they are established to rescue a downed or injured firefighter. In the wildland community, there is a significant need for highly trained individuals to utilize rope rescue skills, extrication skills and medical skills to assist when something goes wrong. In general, both state land management and federal land management agencies are not capable of providing this type of response. That is where our program comes in.

While not prevalent in Oregon yet, the REMS concept is widely adopted by most of the western state fire agencies. Our interest in this is that we wanted to be able to provide our staff with additional training and experiences abroad that maximize our capability back home. In a 14-day deployment, crews are able to acquire 28 hours of training and are almost guaranteed to have to use the rope, medical and extrication training.

To prevent a drawdown on our local staffing, we partnered with Portland Fire Bureau and Clackamas Fire District #1 to build a partnership and share in the incredible learning experiences outside of the local area. In 2015, our REM unit was out for 40 days on the August complex. In 2023, we had one deployment for 14 days on the Bedrock Fire near Oakridge, OR.

In developing this program, we received over half of the funds needed to purchase equipment from donations. When we deploy, all our costs are covered by Oregon Department of Forestry or the US Forest Service.

Locally, we utilize the REMS platform for incidents in the county as well as the mountain bike trails in the South part of our district. Most of the mountain bike activity and calls occur outside of fire season. Our REMS was utilized over 18 times last year for wildland response, response to mountain bike accidents, winter weather and a plane crash.





AVIATION: UNCREWED AIRCRAFT SYSTEMS (UAS)

In the fall of 2015, the Chief of the agency at the time took a leap of faith and allowed staff to purchase the fire districts first Uncrewed Aircraft System (UAS). That aircraft lasted for nine (9) years before it had to be taken out of service. Since then, the district has acquired a fleet of 10 aircraft. Five (5) of the aircraft are used for training and the other five (5) are considered response aircraft. All of the aircraft were purchased using grant funds as was the support equipment. The fire district currently has nine (9) pilots, five (5) of whom are carded to be able to fly on incidents.



In 2023, we were able to utilize an \$80,000 RDPO (Regional Disaster Preparedness Organization) grant to host the Oregon Remote Pilot In Command (ORPIC) training. We were able to train 38 pilots that came from the fire service, law enforcement, Oregon Department of Forestry, Oregon Department of Human Services, Building Officials and Civil Air Patrol. The course was over 40 hours after pilots attained their FAA part 107 commercial aviator certificate. Scappoose Fire utilized another RDPO grant to develop a regional UAS program that has grown beyond the region.

Our aircraft are used for Situational Awareness on large incidents, Structure Fires, Wildland Fires, Search and Rescue, Fire Investigation, Payload Delivery, 2D ortho maps, 3D mesh mapping, crime scene documentation and more. We have the ability to stream video when needed and in one case this last year, we were able to stream video from 10 stories below ground to the decision makers above ground.

We are looking forward to gaining experience with our Fixed Wing UAS which can stay up for over 110 minutes. The grant that is purchasing that UAS will also cover training with the vendor in California.

In the last few years, we have become very involved locally, regionally and nationally. Our agency is the representative for the International Association of Fire Chiefs on the National Wildfire Coordination Group (NWCG) Interagency Fire UAS subcommittee. We are also a member of the Robotics Work Group and have participated in a NASA UAS project related to wildfires.



One incredible aspect of being an early adopter of this technology is that we have had the fortunate opportunity to network with other large agencies like FDNY, Cal Fire, Austin Fire, Boston Fire, NIST, Phoenix Fire and many other agencies and professionals. This networking has helped us to stay on the forefront in policy, procedures and to be a part of what right should look like.

Our program incorporates Communication, Coordination and Deconfliction as core principles.



MARINE RESPONSE

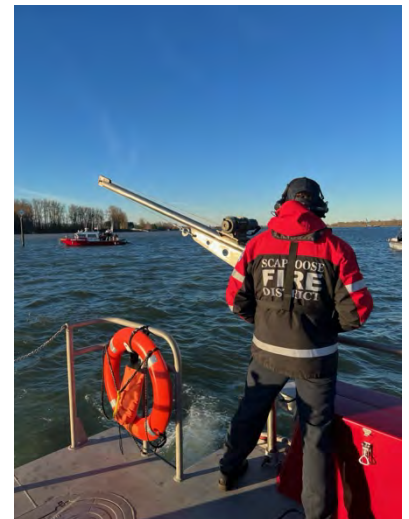
Our marine response program received a significant upgrade in 2023 with the addition of Side Scan Sonar to our vessel. The Side Scan Sonar will give us the ability to see features on the bottom of the river. This important upgrade will help with drownings, searches and provide additional safety for the boat as it has to operate in shallow water.

Our fire boat is a 34-foot twin diesel inboard jet that delivers 2,000 gallons a minute of water to extinguish fires. Our fire boat helps us protect 16 marinas in the Scappoose Fire District that houses about 2,000 people living in floating homes and live aboard vessels. This boat is the only way we can suppress large fires on the water.

All of our staff (Volunteer and Career) are trained in water safety awareness so that they can operate on the water. We are looking forward to increasing the amount of certified deck hands and boat operators in the very near future.

We are the only Oregon based fire boat between Portland and Astoria. As such, we are a part of several water safety groups. One such group is the river safety group which is a collaborative effort between the US Coast Guard, Law Enforcement (from both sides of the Columbia), the boat tow companies and the regional fire boats. In this group, we meet monthly to better effect regional responses, training and current events.

Two other groups we are members of are FPAAC (Fire Protection Agencies Advisory Council) and MFSA (Maritime Fire & Safety Association). With both of these groups, a significant focus is placed on ship board fires and the communication challenges associated with these events.

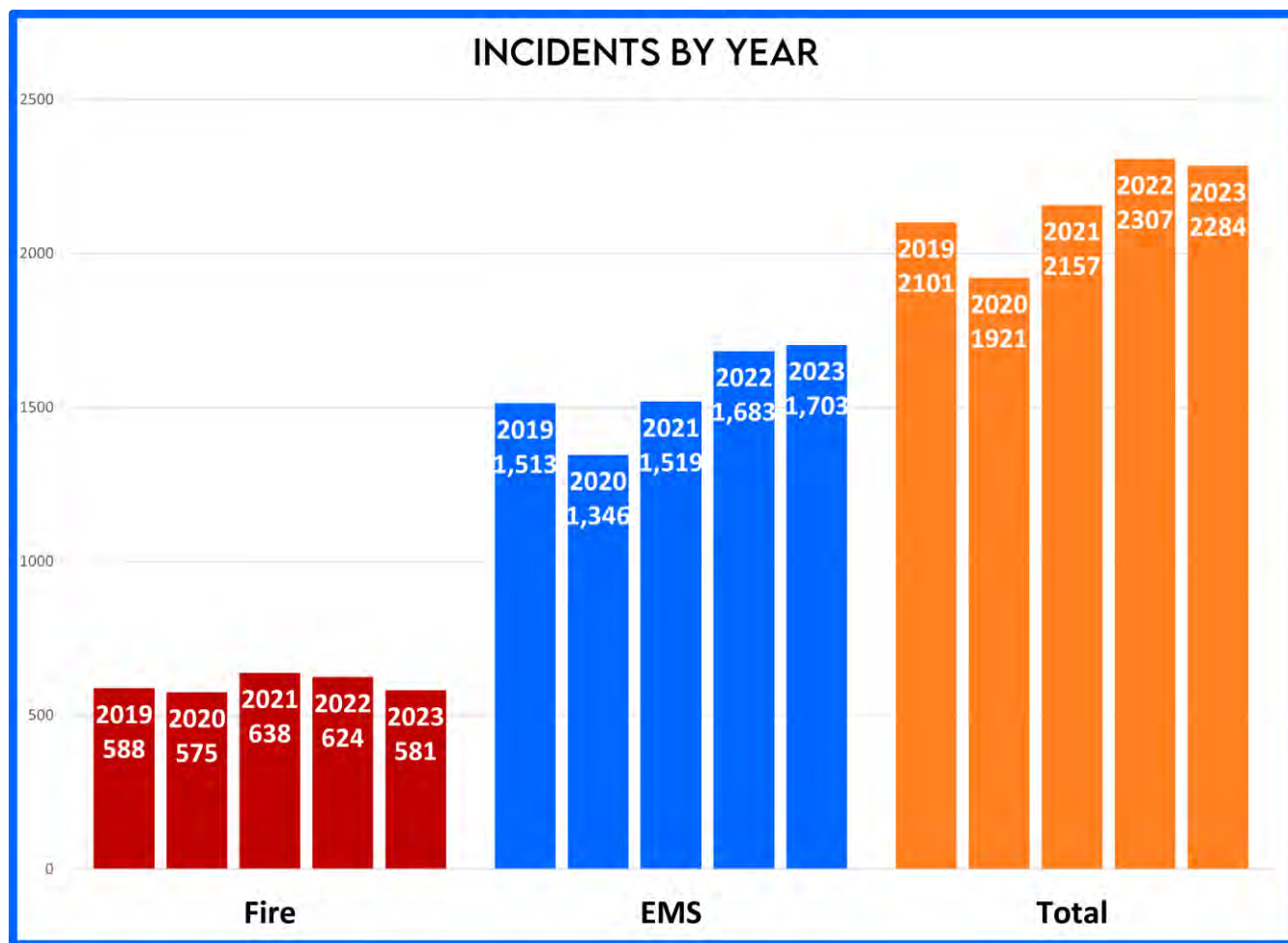


OPERATIONS

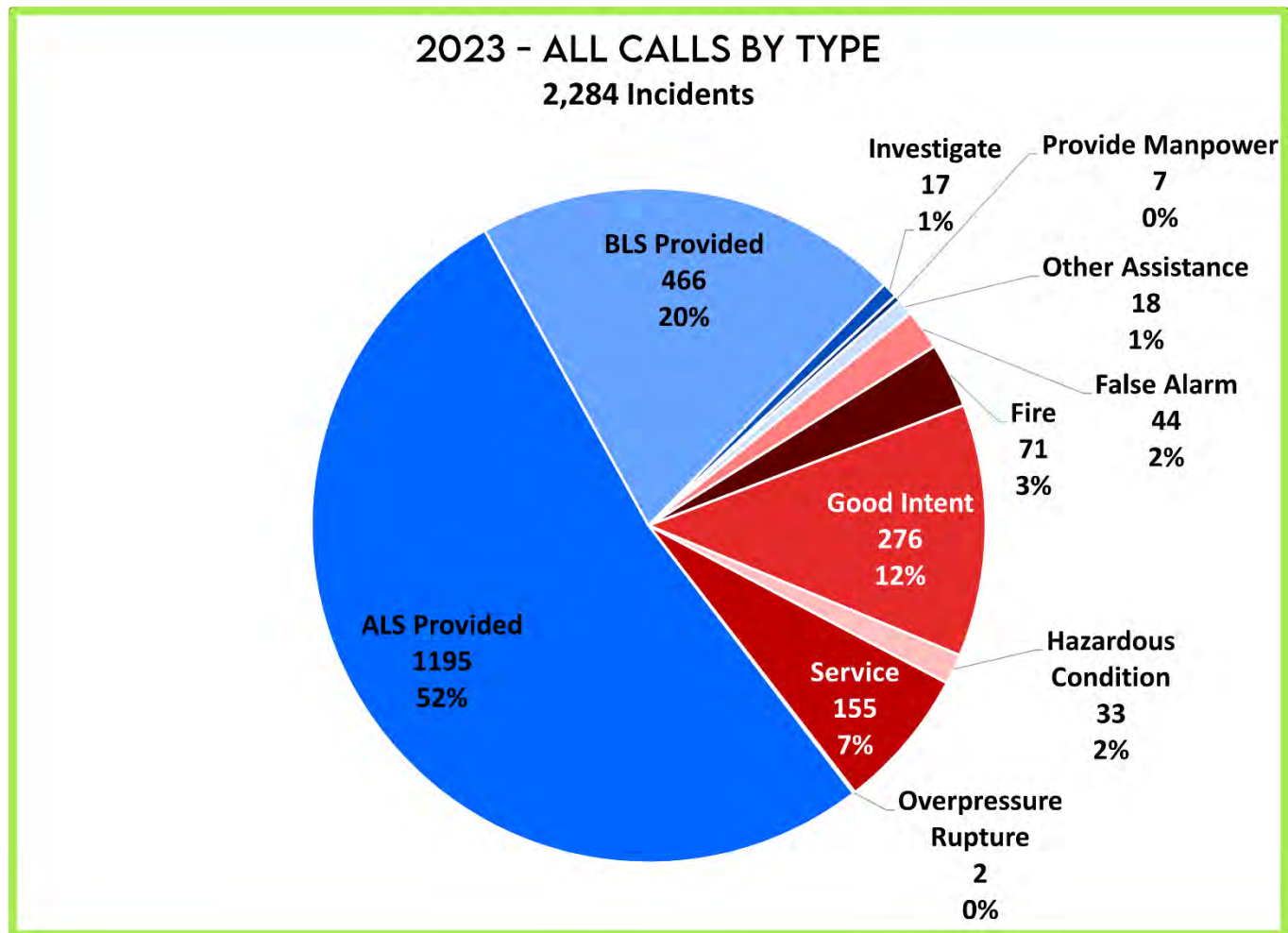
During 2023, Scappoose Rural Fire Protection District responded to a total of **2,284** calls for service. There was a total of **4,791** apparatus responses spending **3,172** hours and **44** minutes of time. EMS incidents accounted for **75%** of the call volume, while Fire incidents were **25%**. There were **1,703** EMS related calls for the year, including a total of **1,788** patients treated, with **1,127** of those transported to area hospitals. COVID-19 was suspected or confirmed in **31** patients.

Approximately **45%** of the calls for service (**1,026** incidents) represent overlapping calls (at least one other call in progress). Approximately **31%** (**227** incidents) of the of the **724** incidents that occurred during the hours of 8 PM to 8 AM represent overlapping calls. There were **two** incidents where unit(s) were deployed for more than two days. Either of these situations could require units to respond to areas outside their base districts, which would result in increased response times as well as depleted available resources to respond to emergencies.

For 2023, SRFD averaged **1.59** Fire calls per day and **4.67** EMS calls per day for an overall daily average of **6.26** calls per day. Total Fire & EMS incidents for 2023 was **2,284** (**1% less**) compared to **2,307** in 2022.

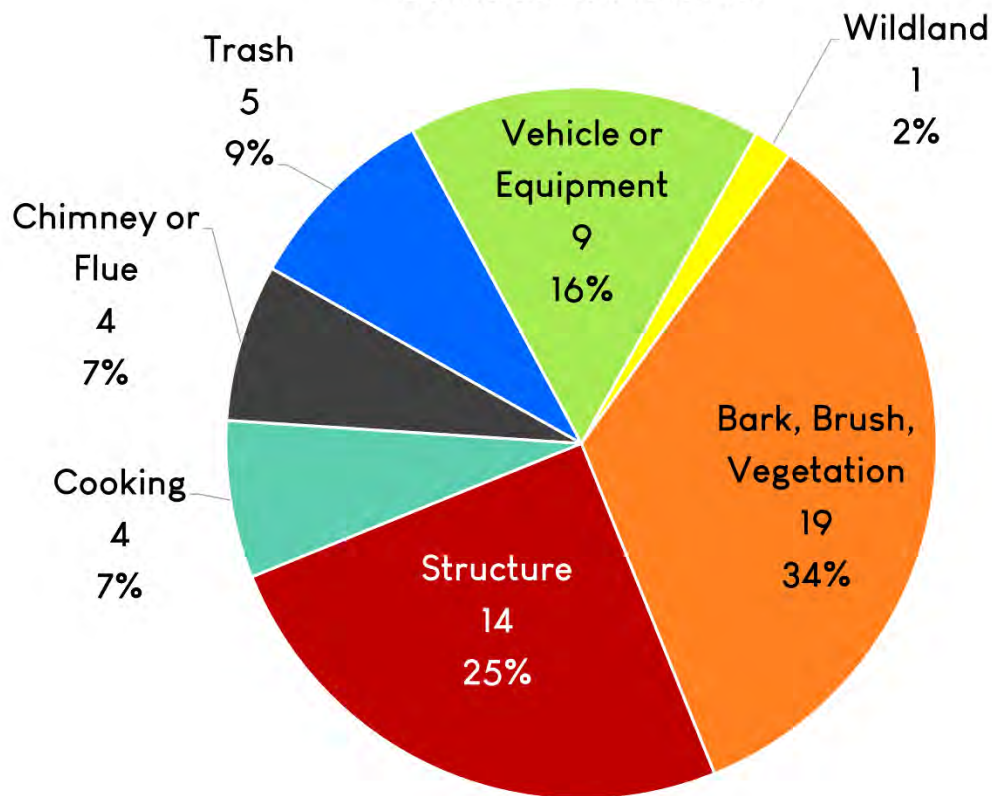


FIRE AND EMS CALL BREAKDOWN FOR 2023



2023 - FIRES BY TYPE

56 Incidents in District



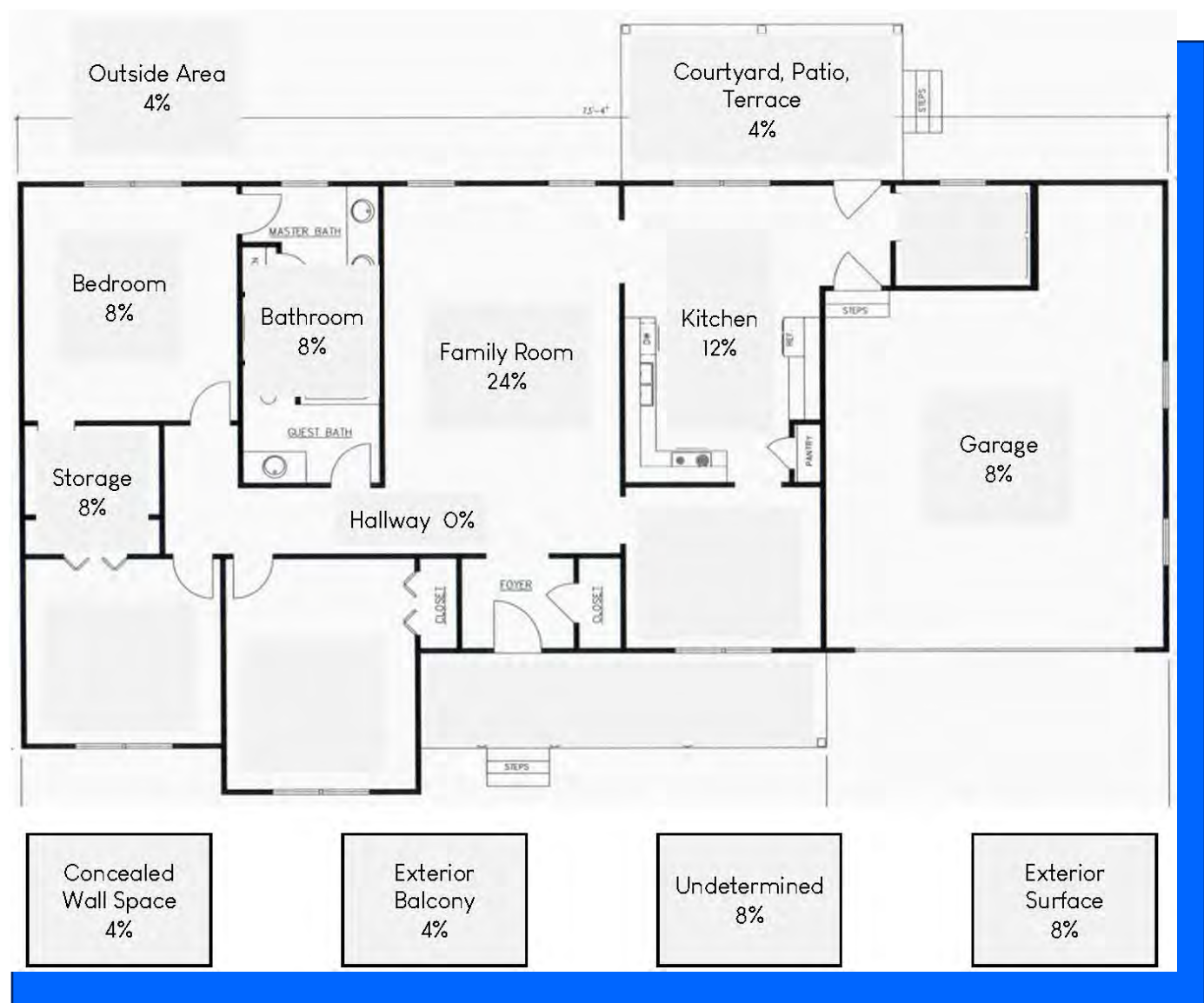
CAUSE OF FIRES IN DISTRICT

Cause	Count	Percent
Unintentional	29	52%
Cause undetermined after investigation	8	14%
Cause under investigation	5	9%
Failure of equipment or heat source	4	7%
Intentional	3	5%
Not Reported	3	5%
Act of Nature	2	4%
Other	2	4%
Total	56	100%

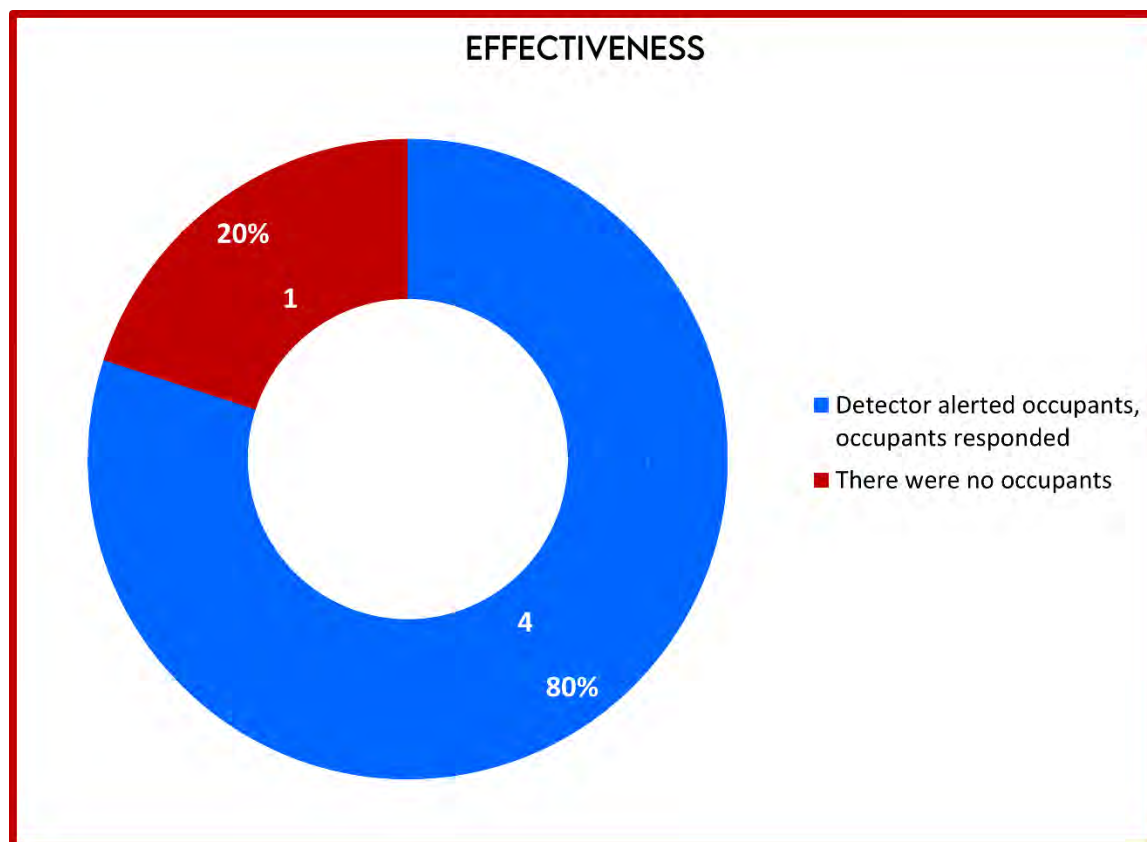
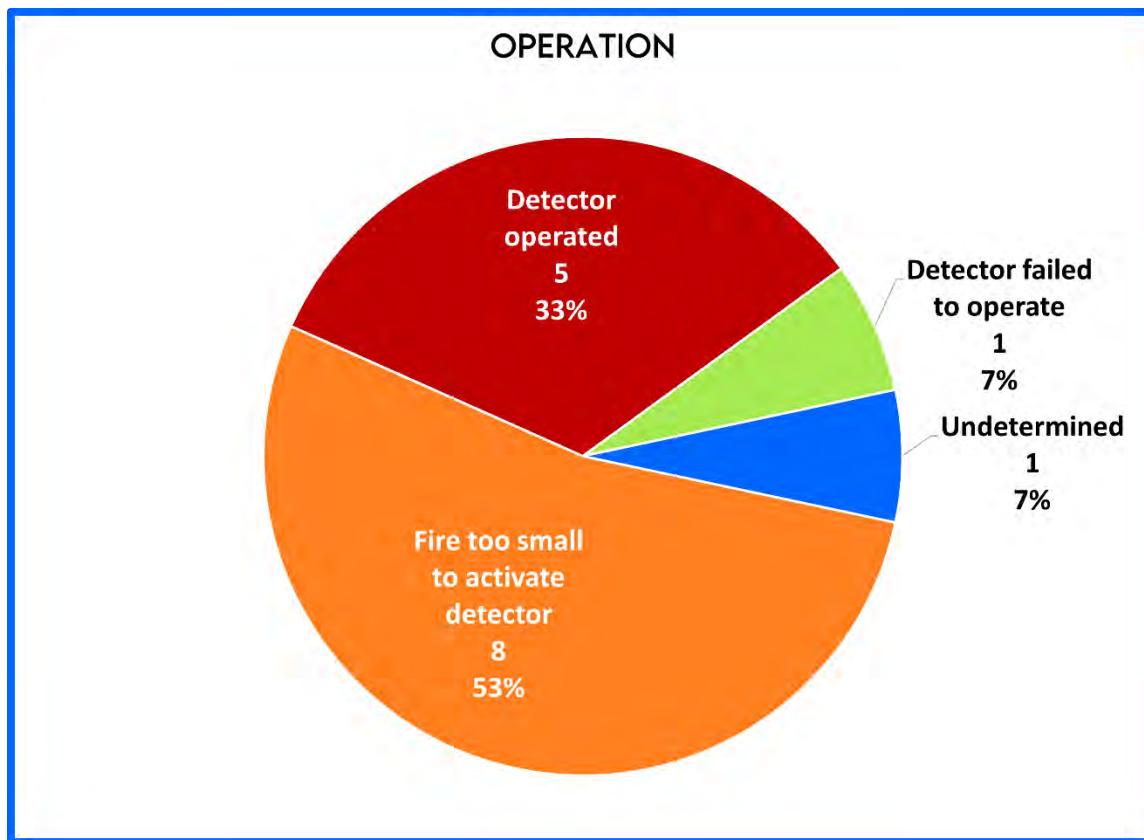
OPERATIONS

AREA OF ORIGIN OF FIRES IN DISTRICT		
Area of Origin	Number	Percentage
Outside Area, Other	12	21%
Common room, den, family room, living room, lounge	6	11%
Cooking area, kitchen	5	9%
Highway, parking lot, street: on or near	5	9%
Not Reported	3	5%
Undetermined	3	5%
Wildland, woods	3	5%
Bathroom, checkroom, lavatory, locker room	2	4%
Bedroom - < 5 persons; included are jail or prison	2	4%
Railroad right-of-way: on or near	2	4%
Vehicle area, other	2	4%
Cargo/trunk area-all vehicles	1	2%
Closet	1	2%
Courtyard, patio, terrace	1	2%
Engine area, running gear, wheel area	1	2%
Exterior balcony, unenclosed porch	1	2%
Exterior, exposed surface	1	2%
Operator/passenger area of transportation equipment	1	2%
Storage room, area, tank, or bin	1	2%
Vehicle storage area; garage, carport	1	2%
Wall assembly, concealed wall space	1	2%
Wall surface: exterior	1	2%
Total	56	100%

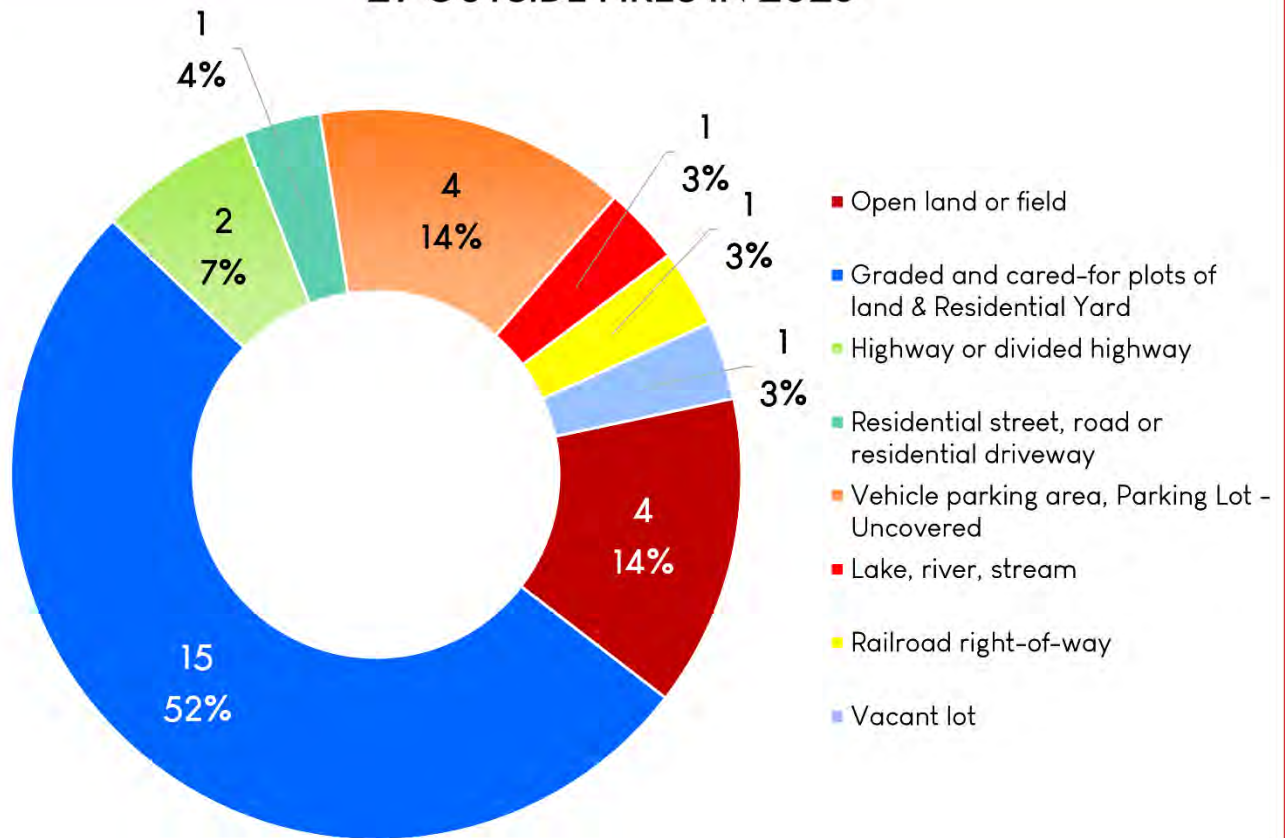
AREAS OF ORIGIN OF RESIDENTIAL STRUCTURE FIRES IN 2023



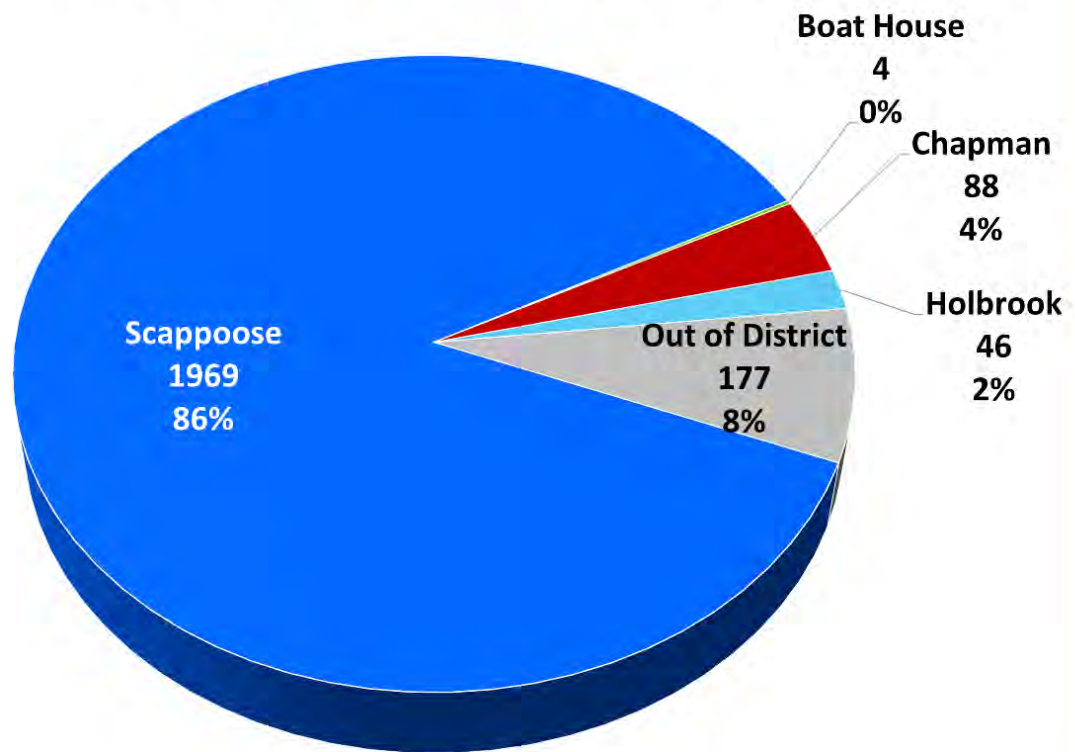
SMOKE ALARM OPERATION, EFFECTIVENESS & FAILURE REASONS



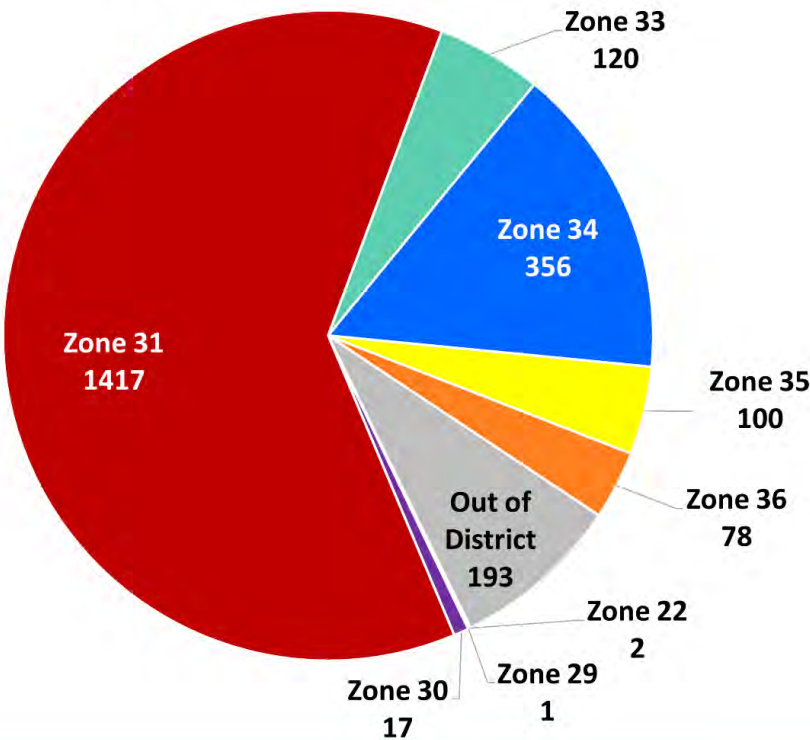
29 OUTSIDE FIRES IN 2023



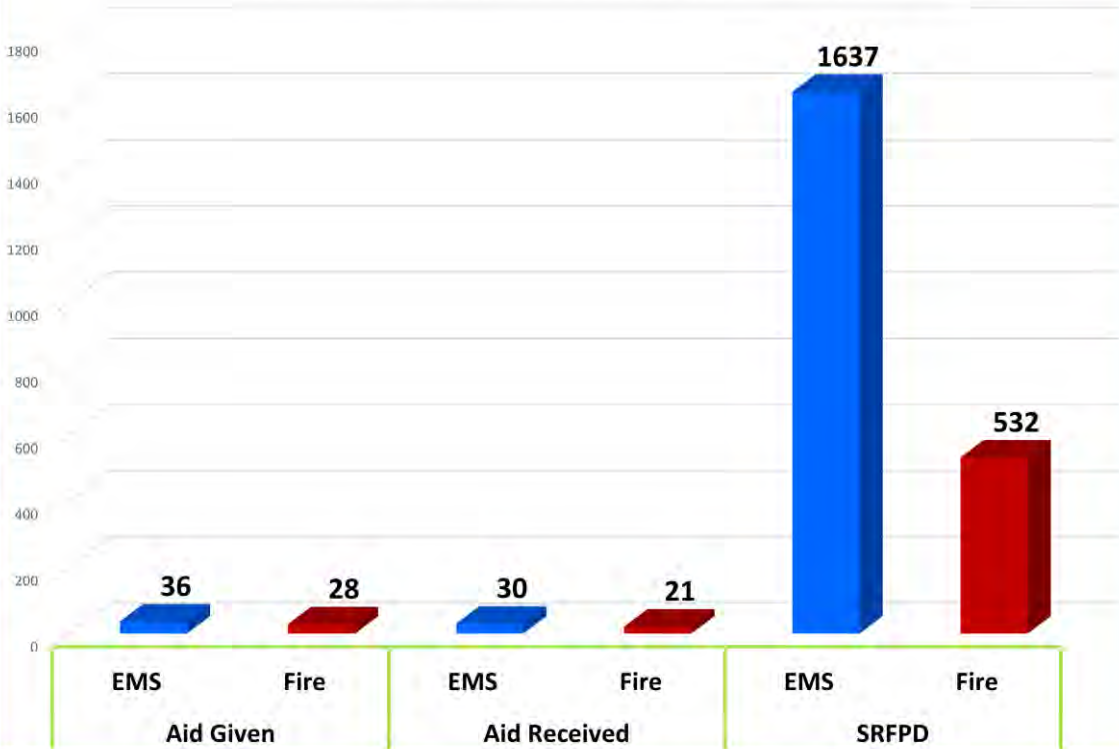
2023 - INCIDENTS BY STATION 2,284 Incidents with 4,791 Apparatus Responses

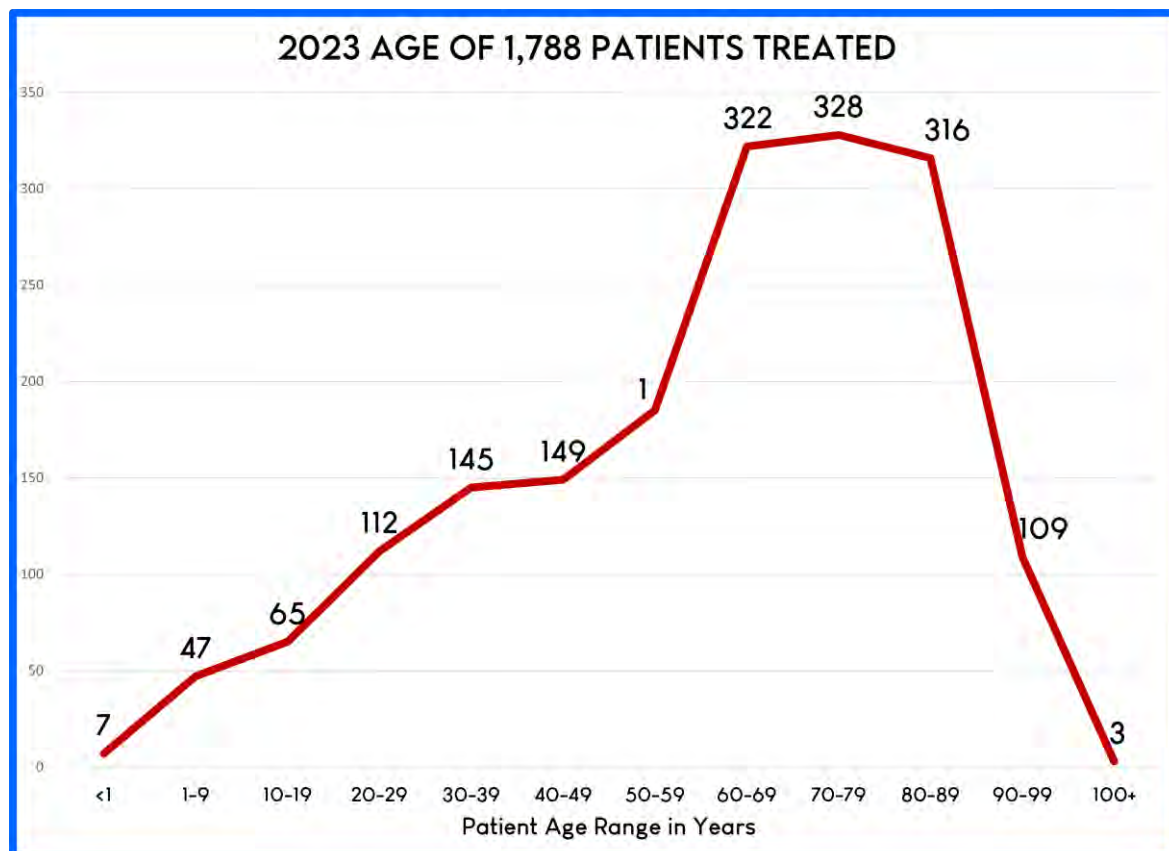
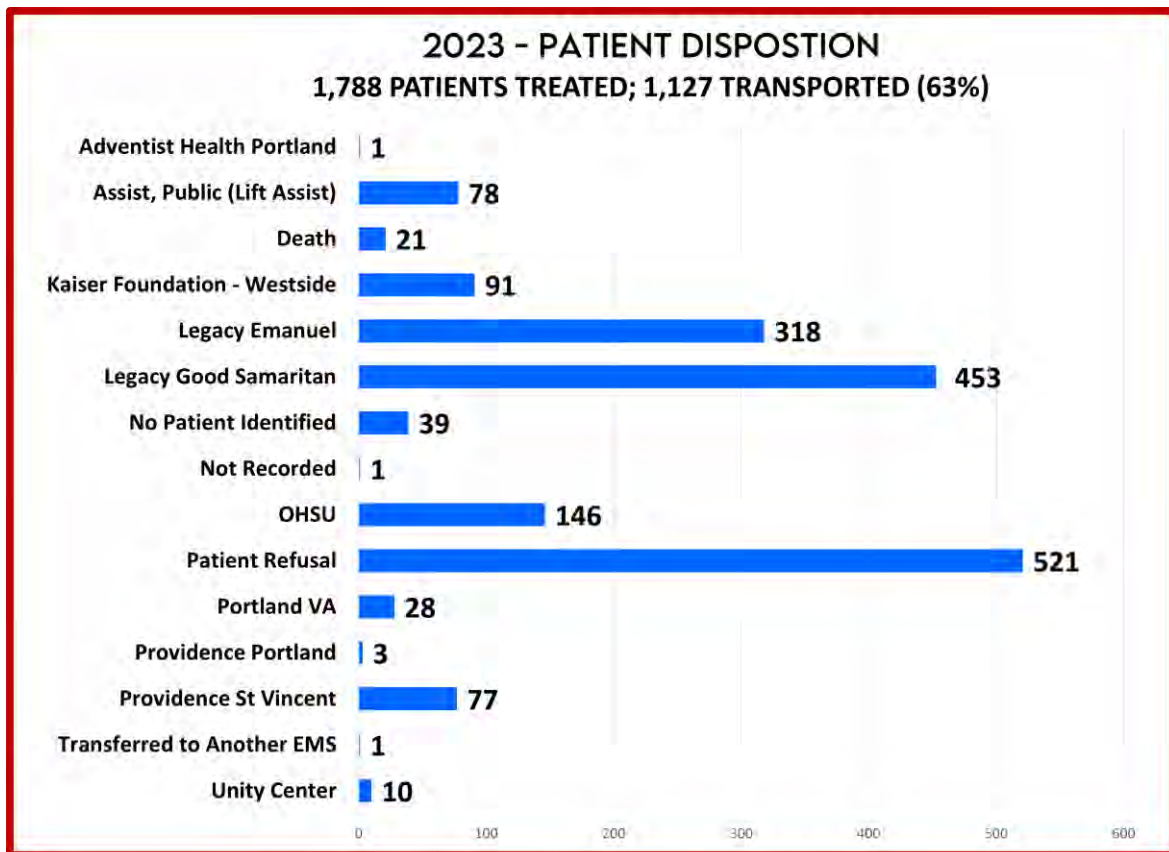


2023 - INCIDENTS BY ZONE

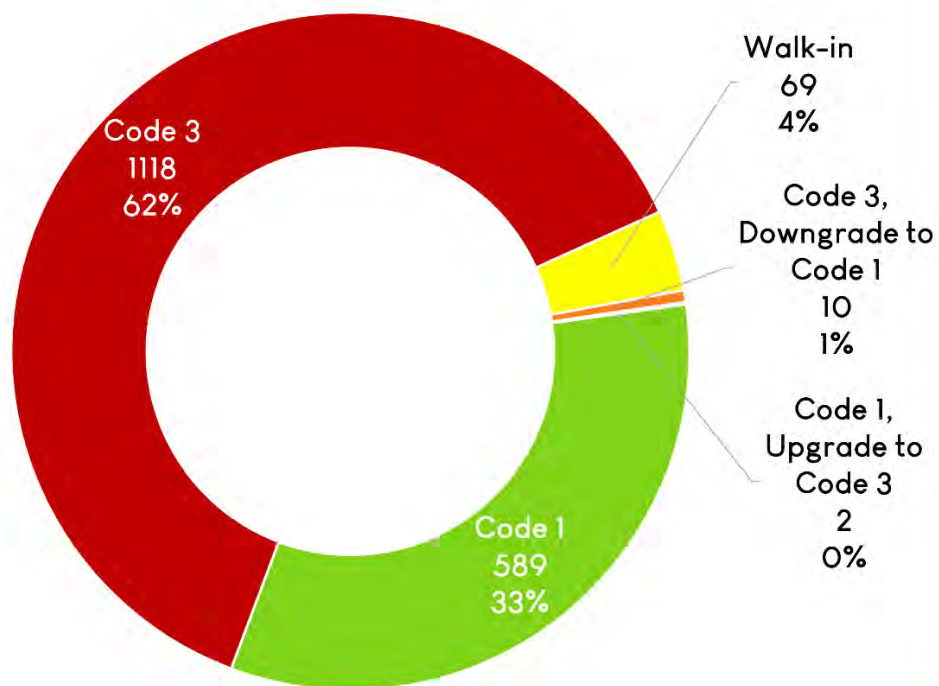


INCIDENTS BY RESPONDING JURISDICTION - 2023

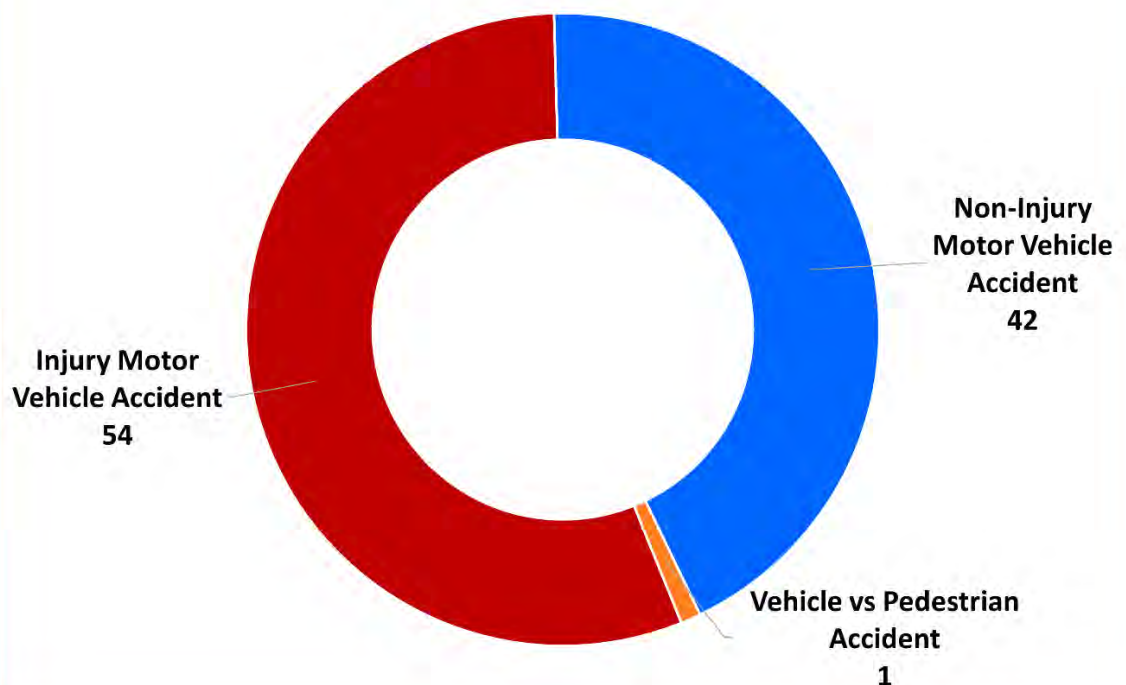


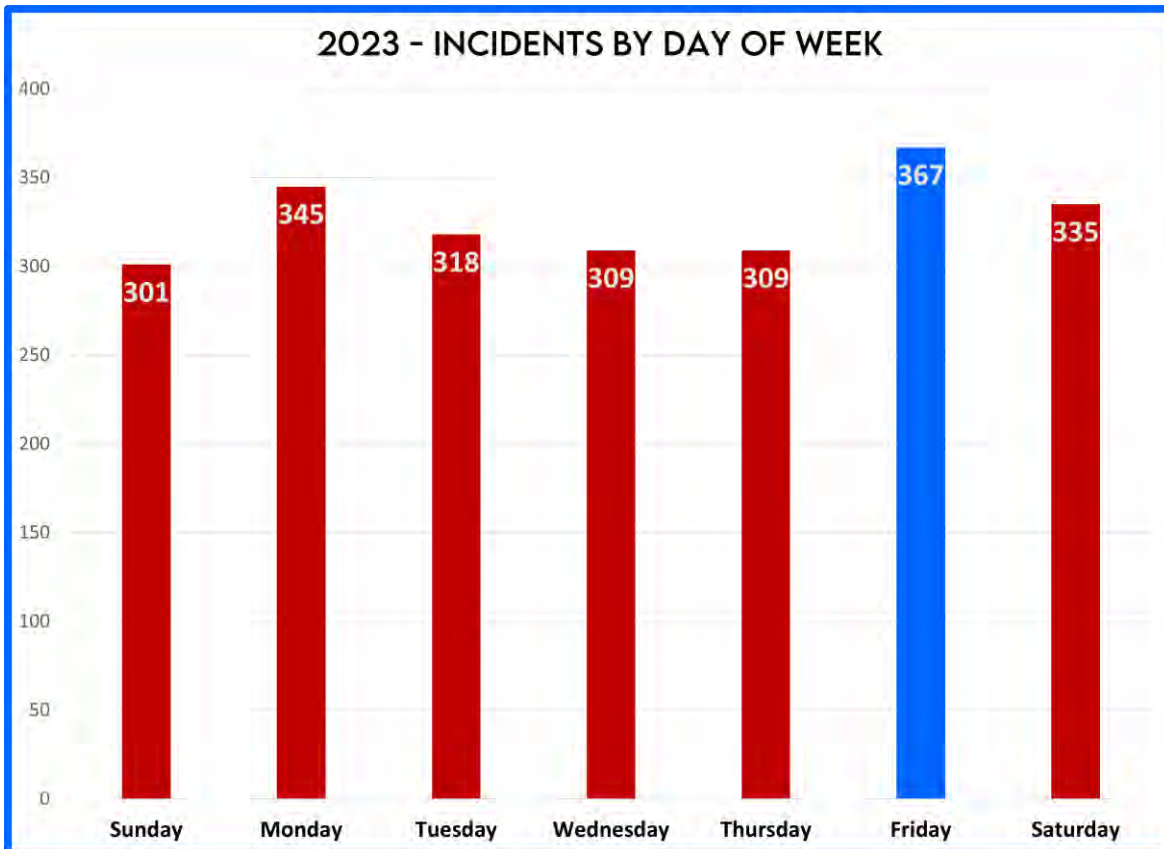
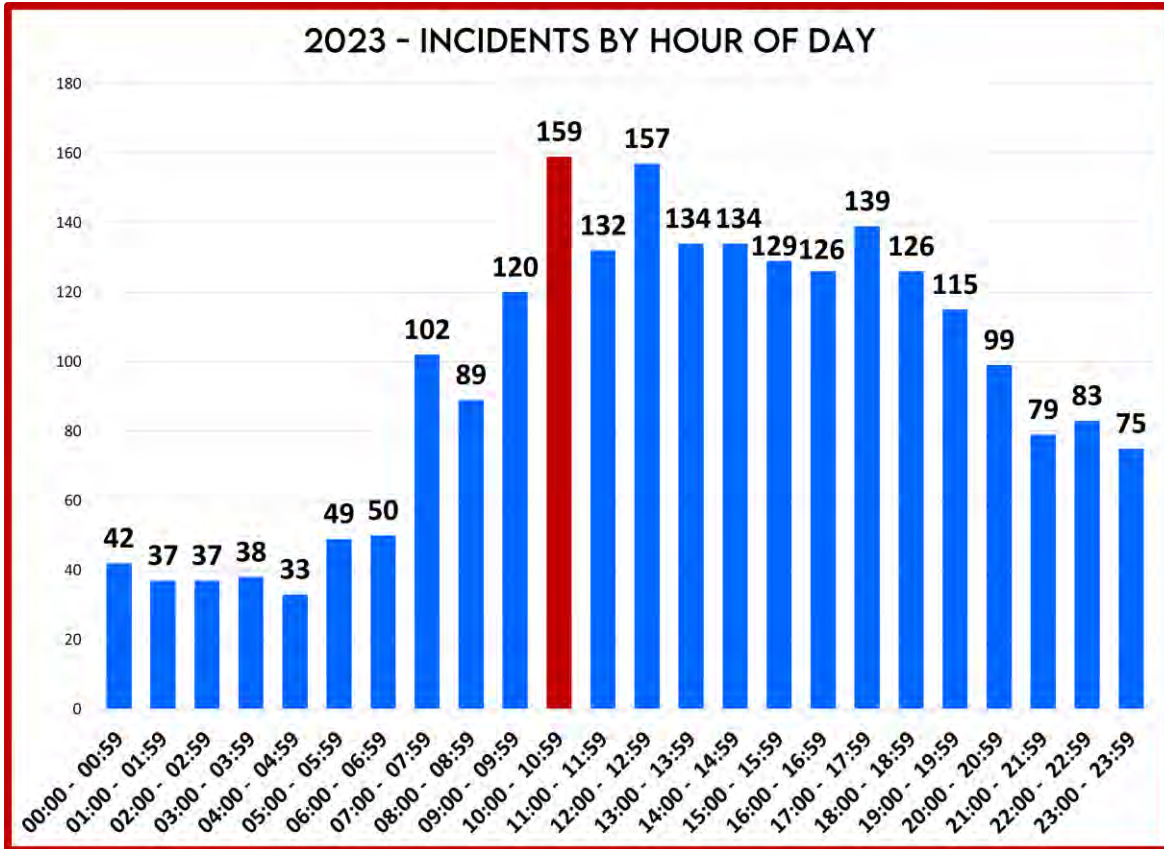


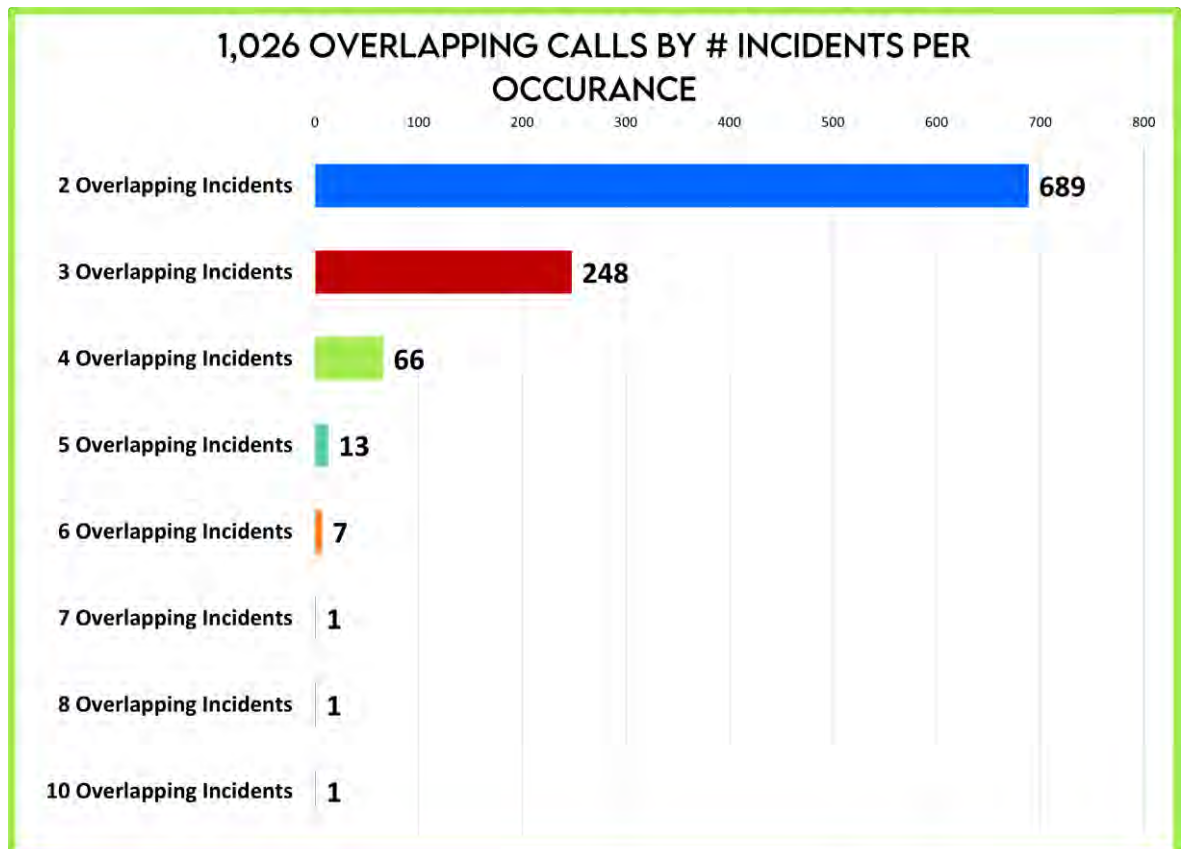
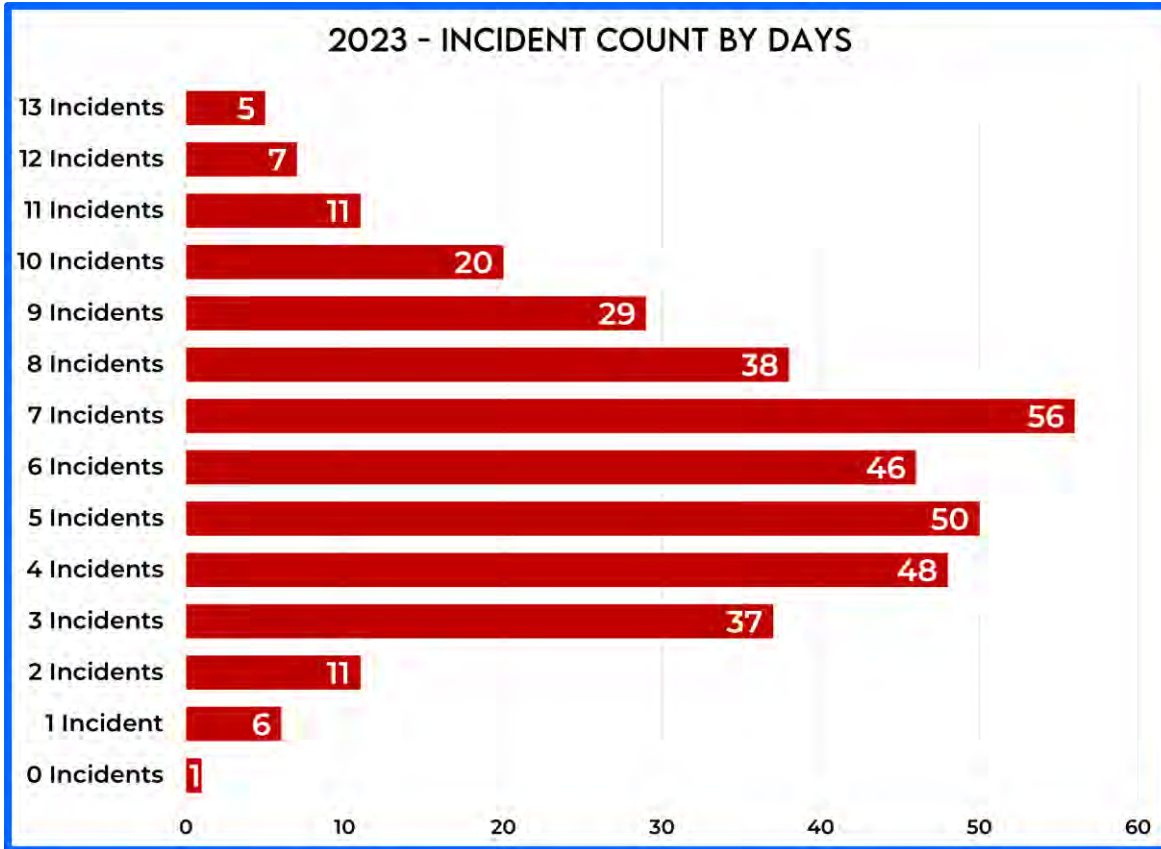
2023 - EMS RESPONSE MODE



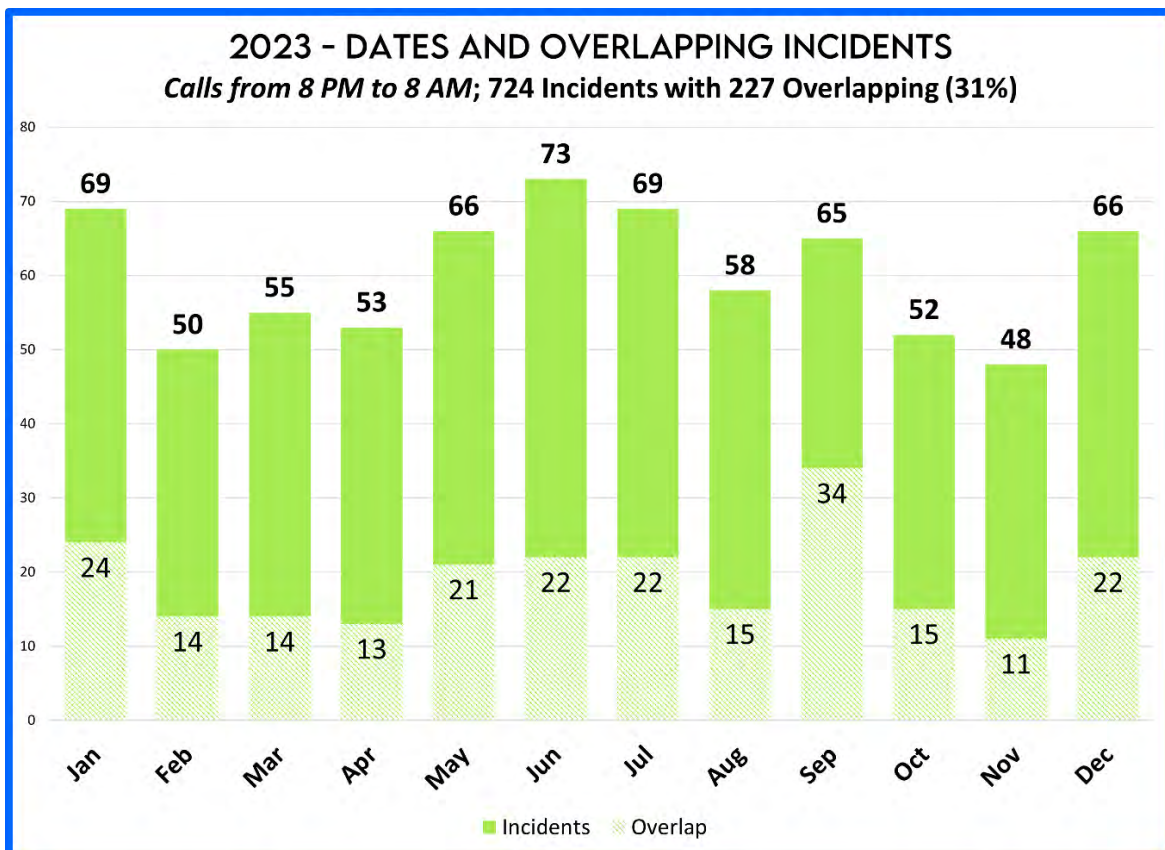
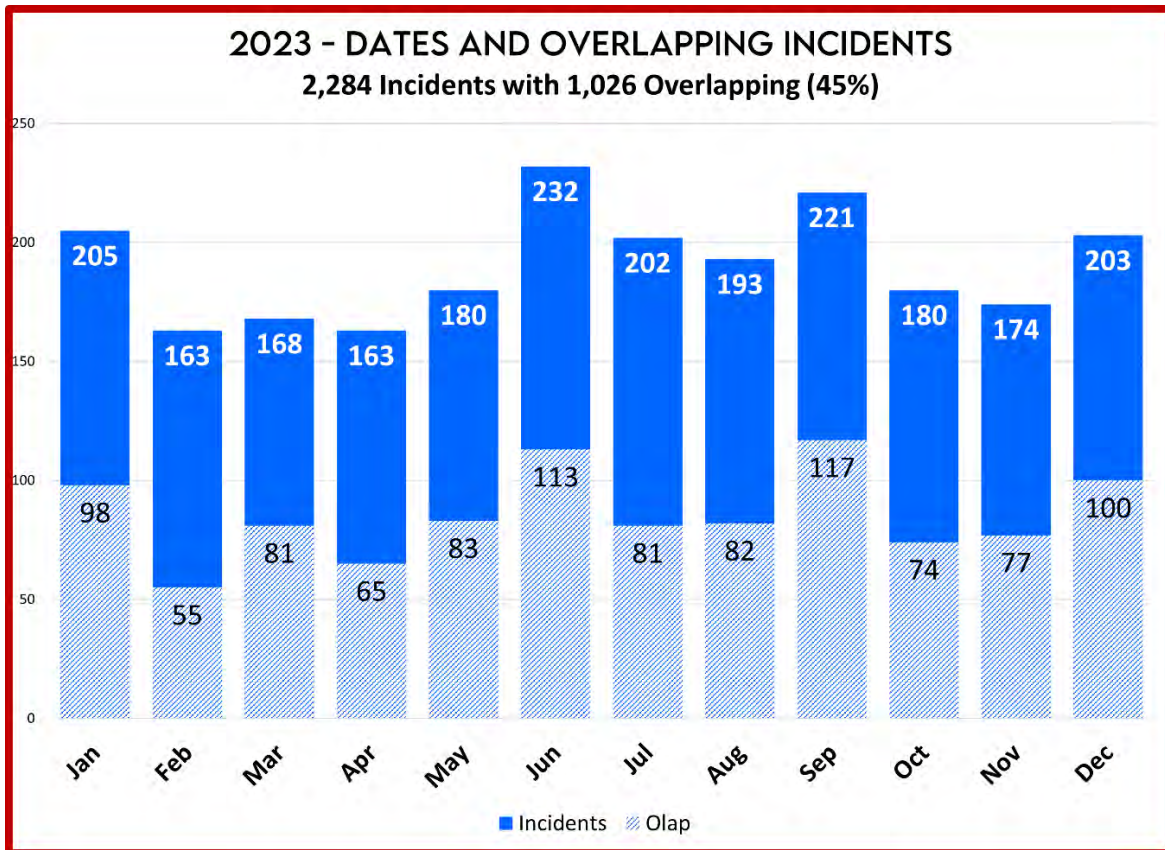
2023 - 97 MOTOR VEHICLE ACCIDENTS



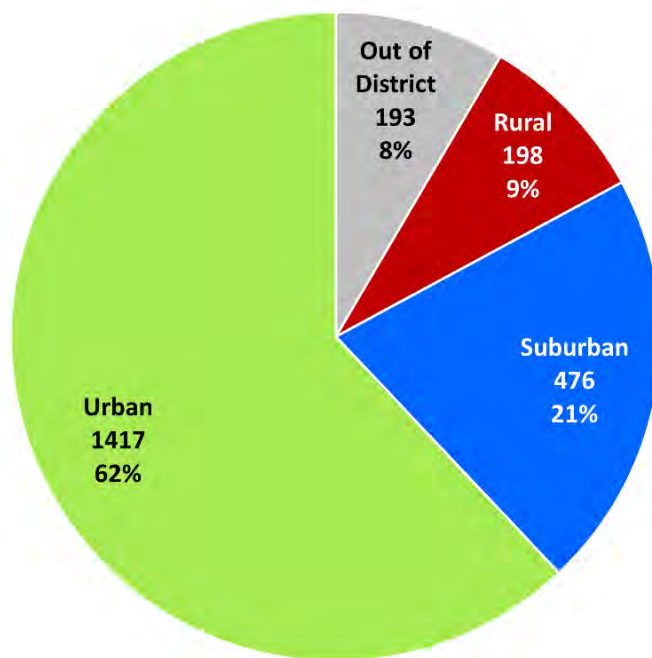




OPERATIONS

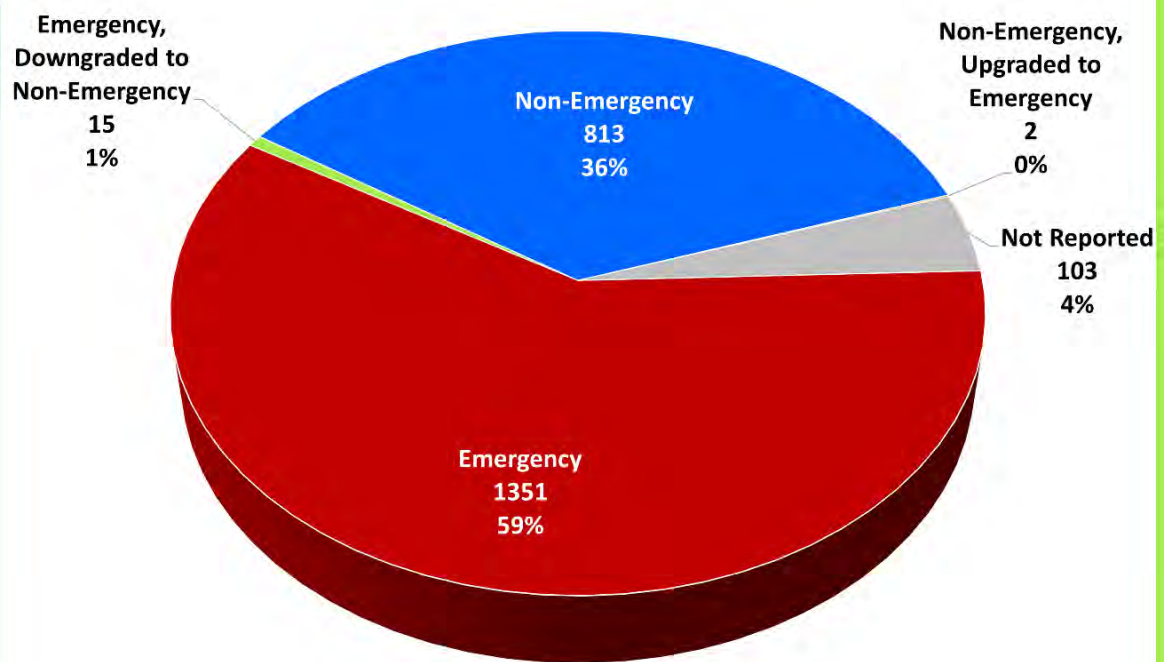


2023 - INCIDENTS BY LOCATION



11

2023- RESPONSE MODE TO SCENE



OPERATIONS

DISTRICT GOALS				2023		
TurnOut Time; Emergent; First-In; In District; 75% Fractile	A Shift	B Shift	C Shift	All Calls		
				# INCIDENTS	APPARATUS	TARGET
E431	3:27	5:06	4:05	20	4:05	≤ 2:00 Minutes
M431	2:46	2:36	3:10	531	2:50	≤ 2:00 Minutes
M432	2:45	2:42	3:16	121	2:52	≤ 2:00 Minutes
M433	2:01	-	2:37	9	2:08	≤ 2:00 Minutes
S431	2:56	3:20	2:28	24	2:55	≤ 2:00 Minutes

KEY:

Meets Goal	Exceeds Goal by 1 minute or less	Exceeds Goal by more than 1 minute
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OPERATIONS

DISTRICT GOALS				2023		
TurnOut Time; 0800 – 2000; Emergent; First-In; In District; 75% Fractile	A Shift	B Shift	C Shift	All AM Calls		
				# INCIDENTS	DISTRICT	TARGET
E431	2:47	3:59	3:41	12	3:05	≤ 2:00 Minutes
M431	2:25	2:11	2:30	342	2:20	≤ 2:00 Minutes
M432	2:25	2:35	2:45	90	2:39	≤ 2:00 Minutes
M433	2:01	-	1:48	7	1:58	≤ 2:00 Minutes
S431	2:47	2:42	2:28	20	2:42	≤ 2:00 Minutes

DISTRICT GOALS				2023		
TurnOut Time; 2000 – 0800; Emergent; First-In; In District; 75% Fractile	A Shift	B Shift	C Shift	All PM Calls		
				# INCIDENTS	DISTRICT	TARGET
E431	4:04	5:06	4:06	8	4:22	≤ 2:00 Minutes
M431	3:22	3:25	3:46	189	3:35	≤ 2:00 Minutes
M432	3:21	3:19	3:34	31	3:31	≤ 2:00 Minutes
M433	-	-	2:55	2	2:55	≤ 2:00 Minutes
S431	3:09	4:21	-	4	4:00	≤ 2:00 Minutes

KEY:

Meets Goal	Exceeds Goal by 1 minute or less	Exceeds Goal by more than 1 minute
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OPERATIONS

DISTRICT GOALS				2023		
Response Time; Emergent; First-In; In District; 75% Fractile	A Shift	B Shift	C Shift	All Calls		
				# INCIDENTS	DISTRICT	TARGET
Urban	6:06	6:08	6:31	781	6:17	≤ 10:00 Minutes
Suburban	8:41	8:54	8:39	282	8:46	≤ 12:00 Minutes
Rural	14:34	13:10	12:04	113	13:28	≤ 30:00 Minutes

DISTRICT GOALS				2023		
URBAN Response Time; Emergent; First-In; In District; 75% Fractile	A Shift	B Shift	C Shift	All Calls		
				# INCIDENTS	DISTRICT	TARGET
E431	6:45	8:26	8:53	32	7:56	≤ 10:00 Minutes
M431	6:04	5:38	6:29	570	6:05	≤ 10:00 Minutes
M432	6:17	6:35	7:08	137	6:37	≤ 10:00 Minutes
M433	5:09	-	5:42	13	5:38	≤ 10:00 Minutes
S431	5:30	7:04	4:37	26	5:18	≤ 10:00 Minutes

KEY:

Meets Goal	Exceeds Goal by 1 minute or less	Exceeds Goal by more than 1 minute
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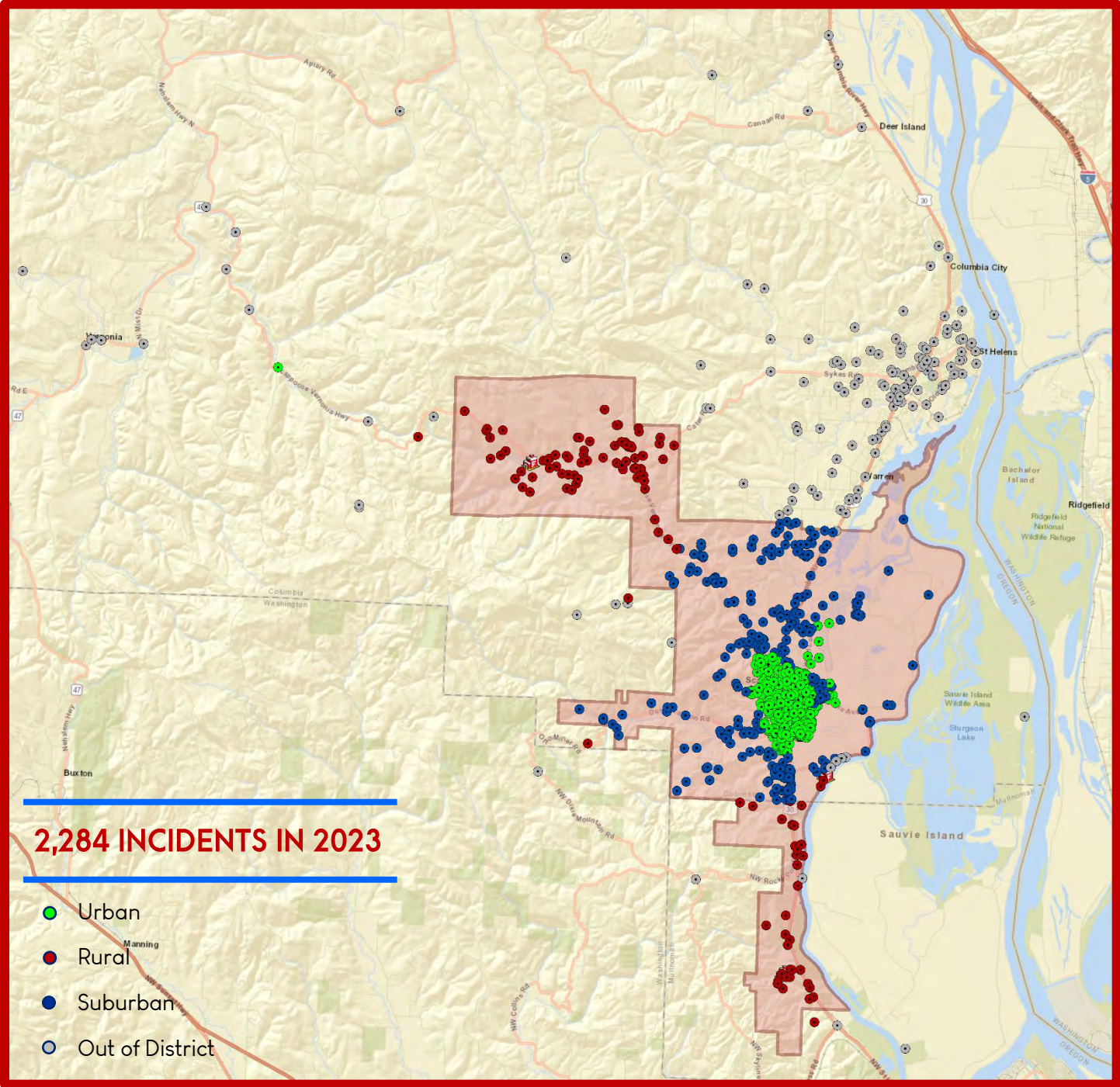
OPERATIONS

DISTRICT GOALS				2023		
SUBURBAN Response Time; Emergent; First-In; In District; 75% Fractile	A Shift	B Shift	C Shift	All Calls		
				# INCIDENTS	DISTRICT	TARGET
E431	10:55	9:31	9:40	19	10:22	≤ 12:00 Minutes
M431	9:21	8:25	8:32	196	8:49	≤ 12:00 Minutes
M432	6:52	11:20	7:58	55	8:12	≤ 12:00 Minutes
M433	6:05	-	-	2	6:05	≤ 12:00 Minutes
S431	8:44	8:22	6:56	8	8:35	≤ 12:00 Minutes

DISTRICT GOALS				2023		
RURAL Response Time; Emergent; First-In; In District; 75% Fractile	A Shift	B Shift	C Shift	All Calls		
				# INCIDENTS	DISTRICT	TARGET
E431	8:12	11:29	15:08	8	12:27	≤ 30:00 Minutes
M431	15:13	13:10	11:38	75	13:35	≤ 30:00 Minutes
M432	12:20	15:52	11:08	25	12:53	≤ 30:00 Minutes
M433	19:41	-	-	3	19:41	≤ 30:00 Minutes
S431	-	-	13:24	1	13:24	≤ 30:00 Minutes

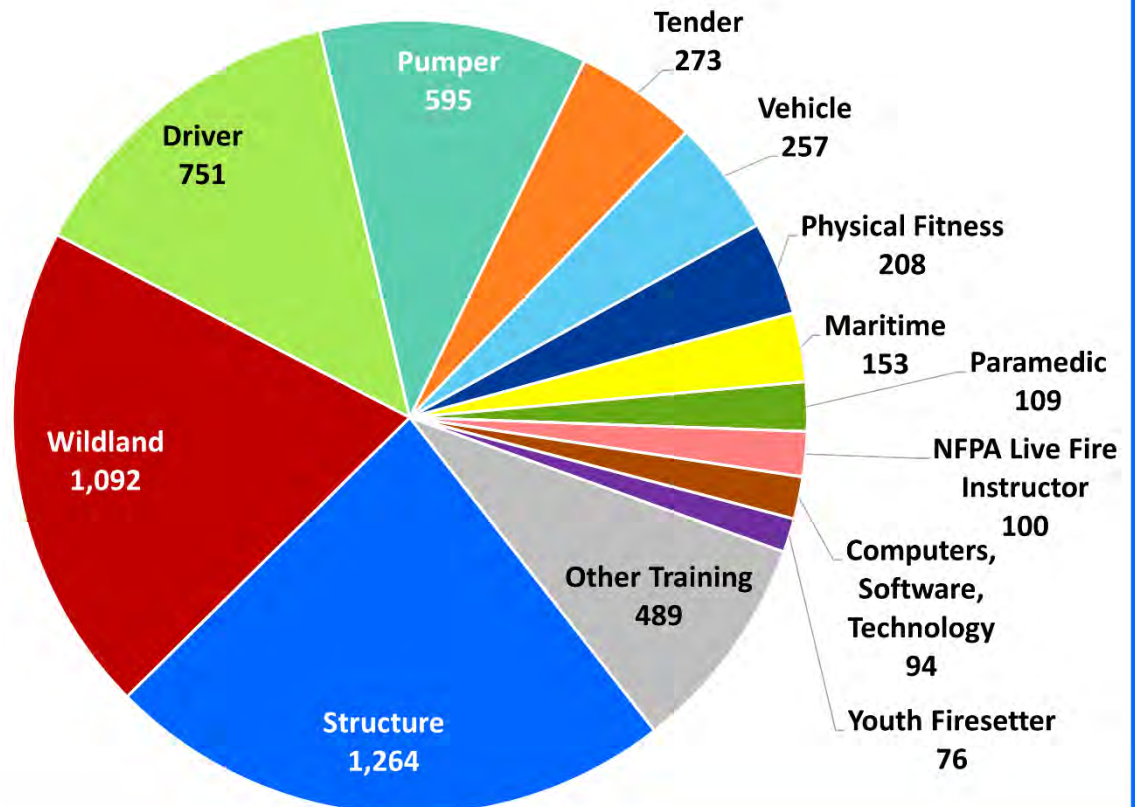
KEY:

Meets Goal	Exceeds Goal by 1 minute or less	Exceeds Goal by more than 1 minute
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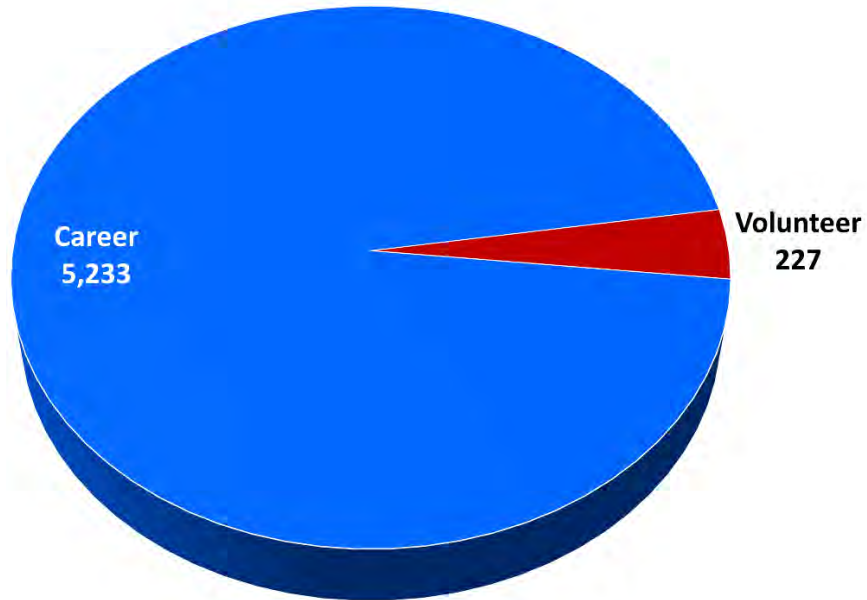


2023 - TRAINING HOURS BY SUB-CATEGORY

5,460 Total Hours



2023 - VOLUNTEER & CAREER
TRAINING HOURS



DECEMBER 2023 - TRAINING HOURS BY SHIFT

