

Marine on Saint Croix Fire and Rescue 2024 Annual Report

Marine Fire Department

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Message from the Chief

The 2024 Annual Report for the Marine on Saint Croix Fire Department provides a comprehensive overview of the department's activities, achievements, and statistics for the year. Here are the key points:

- **Response Summary:** The department's run averages by month, hour of the day, and day of the week were generally in line with previous years. While we did have notable increases in the months of August, September, and October, some of our highest run volumes in recent time. Calls by district were also inline with previous years, showing that the City of Marine and May Township accounted for 52% and 42% of the runs, respectively.
- **Mutual Aid and Call Types:** The department provided and received mutual aid, with an increase in received aid this year due to more structure fires in 2024. There were increases in specific call types, such as dispatched and canceled enroute (automated mobile phone crash detection, medical pendant activation) and electrical wiring/equipment problems (severe weather, power line down, road obstructions).
- **Community Engagement:** The department actively participated in community events such as National Night Out, fire prevention awareness sessions at local schools, and the annual Marine on Saint Croix Street Dance. These events helped strengthen community relations and promote fire safety awareness.
- **Staff Summary:** The report also includes a summary of the department's staff and their contributions throughout the year. The total count of active members is slightly lower than we'd like it to be, and we can become stressed for resources during the daytime hours, the attendance of members to runs, trainings, community events and commitment has been exceptional. The department leadership has done a good job of communicating these requirements, leading by example and acted in some cases to relieve members who may have other commitments. Leadership for 2024 include:
 - o **Chief:** Glen Mills
 - o **Assistant Chief:** Andy Lapos
 - o **Captains:** Scott Mears, Mike Aspengren
 - o **Lieutenants:** Jami Philip, Tim Barbaris
 - o **EMR Captains:** Gayle Knutson, Brian Wicklund

Thank you,
Chief Glen Mills
Marine on Saint Croix

Marine Fire and Rescue/EMR Roster

Brenda APP
Dale APP
Kerstin APP
Mike Aspengren
Christine Barbaris
Tim Barbaris
Thomas "Griff" Bartzen
Paul Creager
Bayard Godsave
Anna Hagstrom
Arik Howie
Gayle Knutson
Andy Lapos
Dan Malmgren
David MacDonald
Scott Mears
Glen Mills
Shawn Otto
Jami Phillip
Ed Sanderson
Max Schollett
Kyle Storley
Zack Stickler
Brian Wicklund

Service Demographics

The Marine on Saint Croix Fire Department serves a diverse area with its dedicated team. Covering a response area of 12.9 square miles, the department extends its services to both the City of Marine and approximately 23% of the population of May Township.

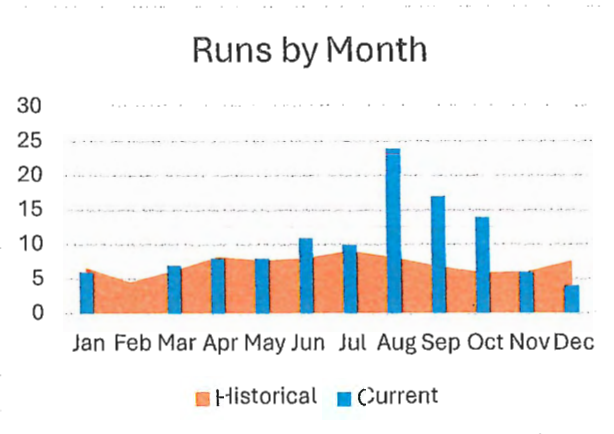
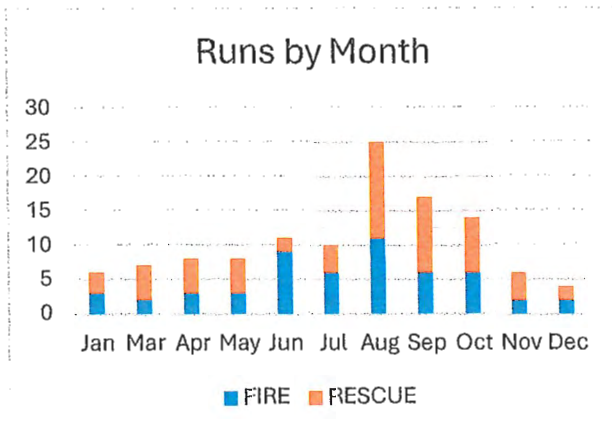
	City of Marine	May Township	Total
Town Code	1100	0009	
% Pop. Served	100%	23%	
Area Size	4.2 / 4.2 mi. sq	8.7 / 37.6 mi. sq	12.9 mi. sq
Population	657 / 657	600 / 2609	1257



Response Summary

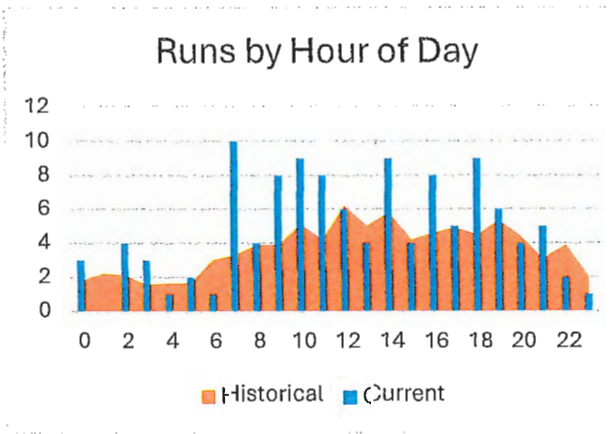
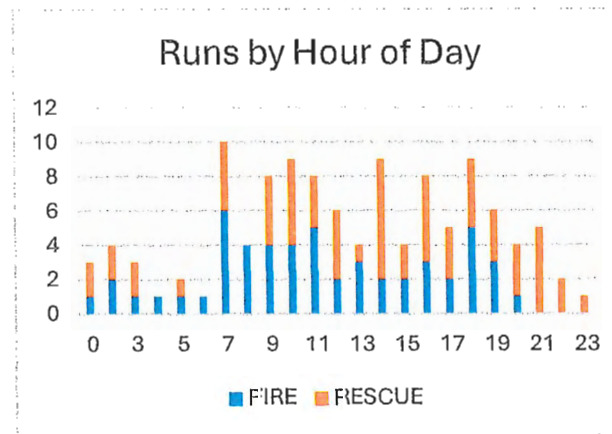
By Month

Run averages by month were inline with previous years, including both 5- and 10-year averages with an increase in the months of August, September and October which has been uncharacteristic. No runs were recorded in the month of February. Additional details below will highlight possible reasons for these increases.



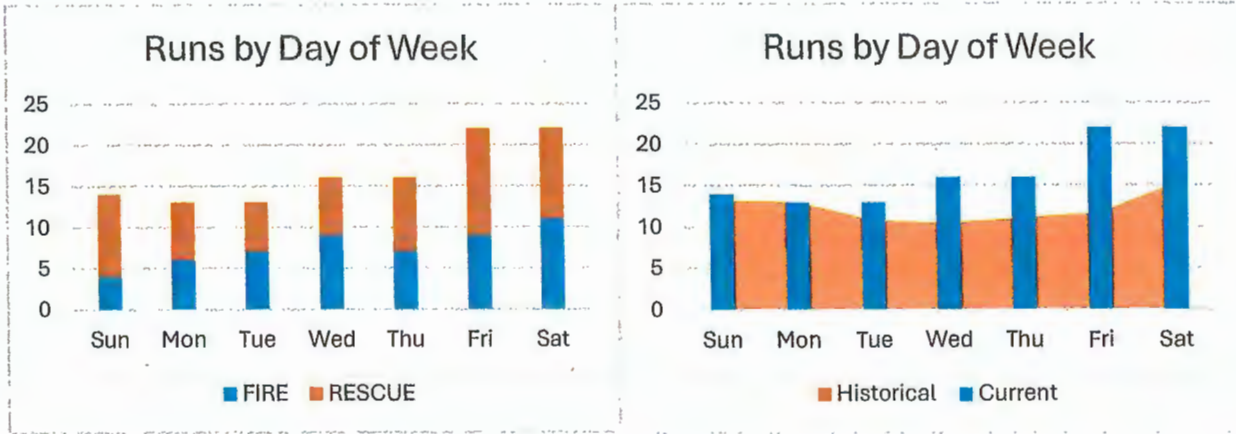
By Hour of Day

Runs averages from 2024 are inline with both the 5- and 10-year averages, but we did see an increase in the day time hours between 0700 and 1800 hours.



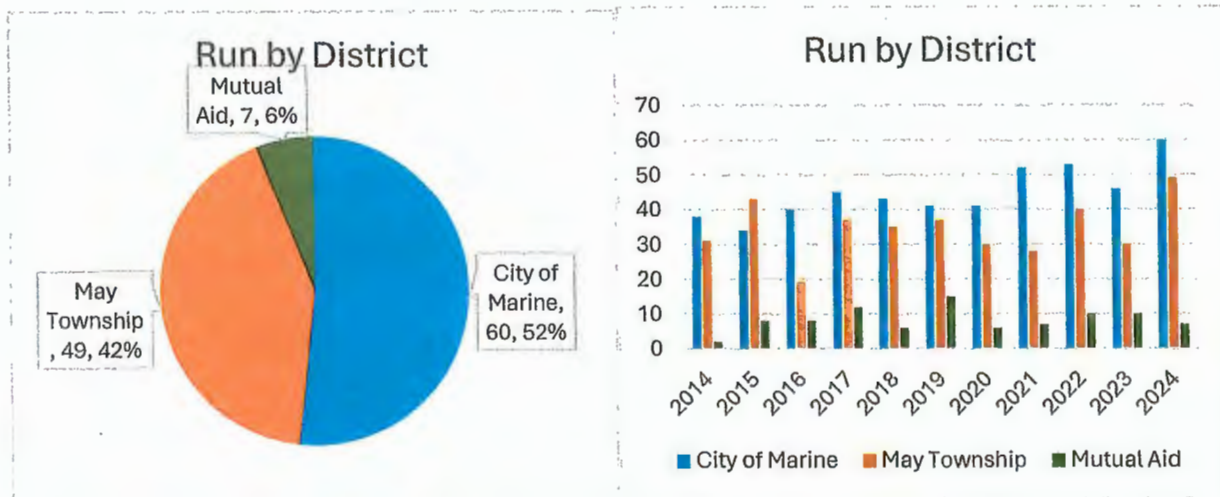
By Day of Week

Day of week, both by Fire and Rescue for 2024 were inline with the 5- and 10-year averages, with an increase in later days of the week, Wednesday through Saturday respectfully.



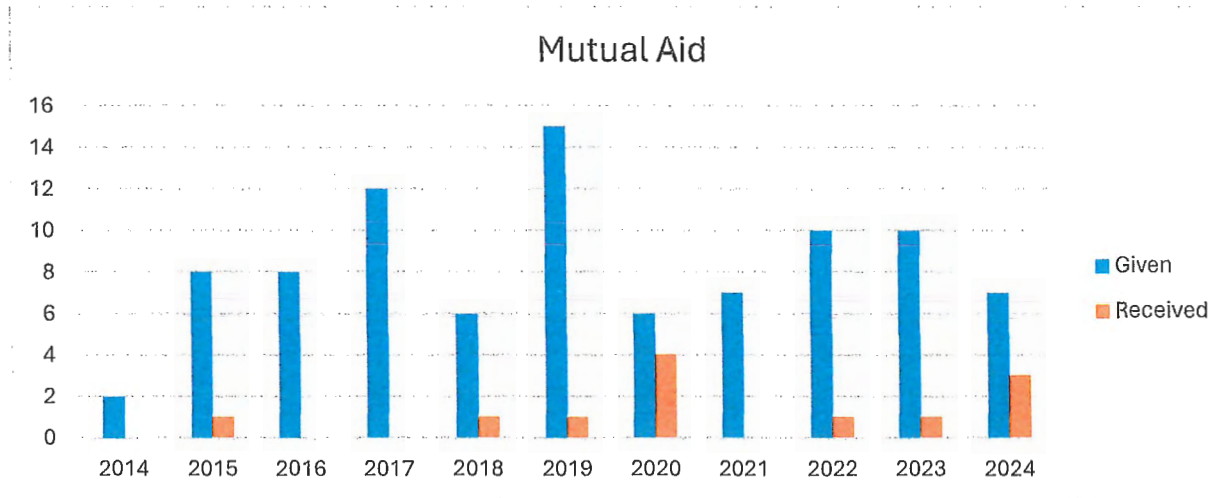
By District

Calls by district to include those covered by Marine on Saint Croix include City of Marine and May township, with those districts reporting 52% and 42% of the runs respectively. The spread between these two districts remains consistent over the past years with both districts showing an increase in call volume in 2024.



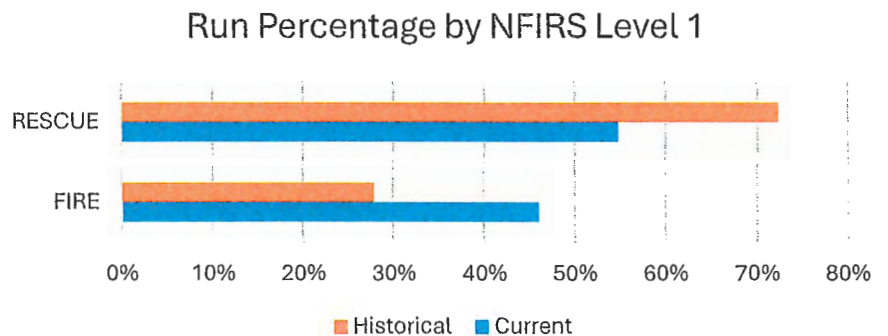
Mutual Aid

Aid is offered to surrounding departments in the form of Mutual Aid, whereas they are dispatched by request and Automatic Aid, whereas they are dispatched simultaneously to incidents. Looking at previous years, 2024 was inline, with an increase in received due to the increase in structure fires in 2024.



Call Type

Below are the call type breakdowns for the Marine on Saint Croix service area for 2024. They follow the NFIRS level of reporting, which includes 3 levels of classification to group calls. Increases this year were focused on the following:

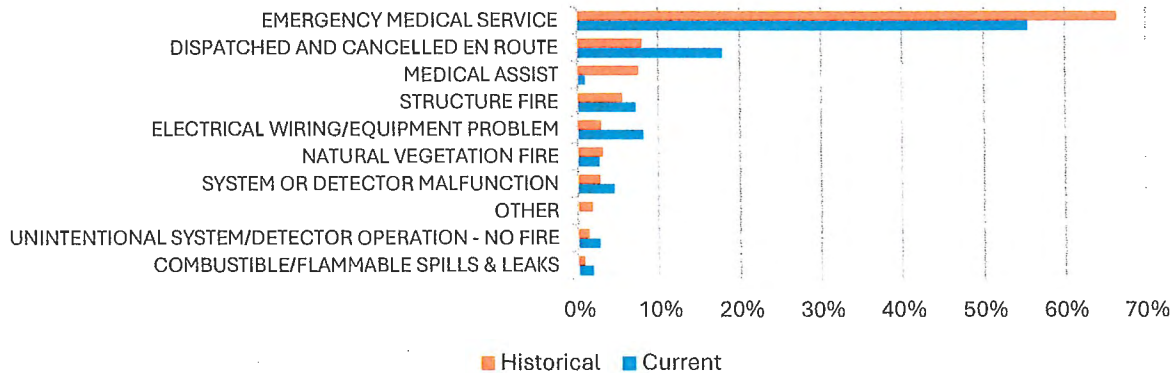


- **DISPATCHED AND CANCELLED EN ROUTE:** An increase this year of 15 vs 8.3 average over prior 10 years. Possible causes, cellular phones equipped with crash detection, accidental pendant press and/or alarm system activations.
- **ELECTRICAL WIRING/EQUIPMENT PROBLEM:** this includes wind damage and power line down calls, an increase this year of 9 vs 3.8 average over prior 10 years.

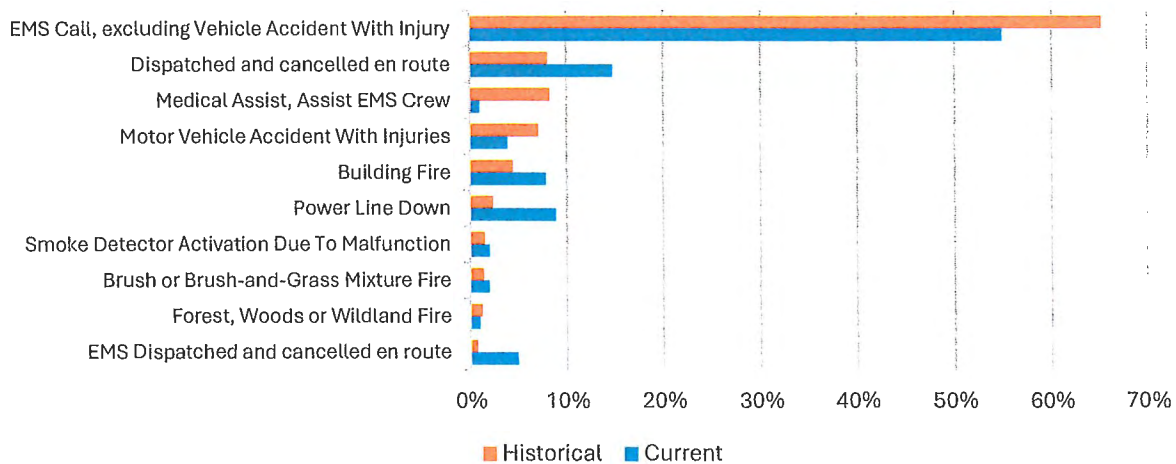
Level 1	Level 2	Level 3	City of Marine	May Township	Mutual Aid	Grand Total
FIRE	COMBUSTIBLE/FLAMMABLE SPILLS & LEAKS	Gas Leak (Natural Gas or LPG)			2	2
	DISPATCHED AND CANCELLED EN ROUTE	Dispatched and cancelled enroute	3	10	2	15
		EMS Dispatched and cancelled enroute	4	1		5

	ELECTRICAL WIRING/EQUIPMENT PROBLEM	Power Line Down	4	5	9
	NATURAL VEGETATION FIRE	Brush or Brush-and-Grass Mixture Fire		2	2
		Forest, Woods or Wildland Fire		1	1
	OUTSIDE RUBBISH FIRE	Outside Rubbish, Trash or Waste Fire		3	3
	STRUCTURE FIRE	Building Fire	1	2	5
	SYSTEM OR DETECTOR MALFUNCTION	Alarm System Sounded Due to Malfunction	2		2
		Smoke Detector Activation Due to Malfunction		2	2
		CO detector activation due to malfunction	1		1
	UNINTENTIONAL SYSTEM/DETECTOR OPERATION - NO FIRE	Alarm System Activation, No Fire - Unintentional		1	1
		Smoke Detector Activation, No Fire - Unintentional	1	1	2
RESCUE	EMERGENCY MEDICAL SERVICE	EMS Call, excluding Vehicle Accident with Injury	40	16	56
		Motor Vehicle Accident with Injuries	3	1	4
		Motor Vehicle Accident with No Injuries.		2	2
	MEDICAL ASSIST	Medical Assist, Assist EMS Crew	1		1
Grand Total			60	49	7
					115

Run Percentage by NFIRS Level 2



Run Percentage by NFIRS Level 3



Training Summary

The amount of training required for firefighters is essential to ensure their readiness and capability in various emergency scenarios. The team completed over 950 hours of combined training in both Fire and EMS courses not included new training and certifications

The courses completed in 2024 by firefighters and first responders cover a diverse range of skills and knowledge areas, including:

Equipment	Fire Operations	Patient Care	Incident Management	Administrative
Apparatus Driving	Building Construction	Airway Management	360 Walkarounds	First Reported Injury
Apparatus Placement	Building Size up	Allergic Reactions	Accident Scene Response	Right to Know
Deck Gun Operations	Confined Space Entry	Back boarding	Mass Casualty Incidents	Employee Handbook
Equipment Location	Hose Advancement	Bleeding and Shock Management	Scene Safety	Culture of Safety
Ladders and Lifts	Hose Streams and Nozzle Management	Delivering Death Notifications	Active Shooter Drill Certification	Bloodborne Pathogens
LUCAS Device	SCBA Donning and Doffing	Manual Blood Pressures		CPR Certification
Encrypted Radio Operations	SCBA Quarterly Certification	Burn Care		
Handheld Power Tools	Search and Rescue Techniques	Care For Autism or Dementia Patients		
Relay Pumping	Vehicle Extrication	Cardiac Arrest		
Pump Operations	Wildland Firefighting	At Risk Populations		
Stationary Pump Operations	Radio Operations	Mega Mover Usage		
		Patient Assessment		
		Patient Lifting		
		Pediatric Cardiac Arrest		
		SAMPLE / AVPU Scales		
		Splinting		
		Tourniquet Application		

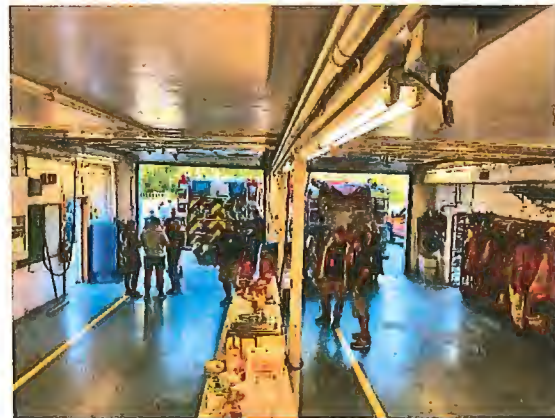
Certifications

- CPR Renewal 18 members (2-year term)
- EMR Renewal 7 members (2-year term)

Community Summary

National Night Out

Held an open house of August 6th from 6 PM to 8 PM featuring demonstrations of equipment donning and doffing gear, as well as offered fire hall tours. Fire truck rides were again the highlight of the evening with many kids and adults taking multiple rides. Also offered a light meal, which included grilled hotdogs, chips and soda free of charge. Socialized in the city newsletter as well as on social media. Turnout was great and supported by several of our city council members. Would encourage we do a similar community outreach each year.



Fire Prevention Awareness

River Grove Elementary School

A group of firefighters to River Grove Elementary following fire prevention week, for a series on community involvement and the importance of volunteering. Event focused on firefighters and EMS resources.

Red Bridge Preschool

Two different sessions of firefighters attended fire prevention sessions at Christ Lutheran Church. Focused on removing the scariness of firefighters and showing the kids all the equipment that we use and why.



Marine Village School

Attended Marine Village School during fire prevention week, to discuss with different aged students on the importance of fire prevention with units that were age appropriate. Also, standby while the school conducted a scheduled fire drill.



Other Activities

Rink Flooding

The department undertook the task of flooding the ice rink to establish a solid base for ice skating. This annual initiative is an essential part of maintaining the community's recreational facilities during the winter season. The firefighters' efforts ensure that the rink is in optimal condition for residents to enjoy skating activities. Careful to apply the water slowly, to prevent cracking and air bubbles that make for a challenging surface to skate on.

Street Dance



The annual Marine on Saint Croix Street Dance was held on June 15th at the Village Hall with music by Kyle Tennis & Riverside Hitmen. Food was provided by the Scandia Marine Lions. This is one of the main fundraising opportunities to offset the department expenses in the city budget.

The event was held indoors this year due to concerning weather, regardless the event was a big success.

Fall Festival

Assisted the Marine Mills Folk School with their annual Fall Festival. The annual Marine Mills Folk School Festival is a free community event that takes place in September 2024. and includes an Artists' Marketplace featuring 70+ vendors, demonstration tent and featured demos by select artists, Live music and dancing, Raffle of handmade artist items to benefit Marine Mills Folk School, sheep dog-herding demonstrations. Additional detail can be found at

https://marinemillsfolkschool.org/inspire_events/marine-fall-festival-sept-21-2024/

Volunteer Fair

Attended the Marine on Saint Croix volunteer fair organized by the city to look for leads into new members. Foot traffic was slow, but for those who did attend, were able to find opportunities to give back to the community.

4th of July

The 4th of July celebrations in Marine are always a highlight of the community, bringing together residents for a day of patriotic festivities. The event features a parade that winds through the heart of the town. Fire members assist in the morning run, as well as handout freezes during the parade.

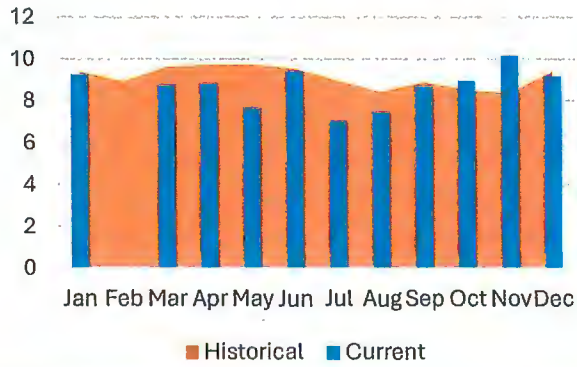
Marine was also fortunate enough to participate in Scandia Fire Departments' event, Scandia Taco Daze parade as well as in their Annual Water Ball tournament.

With Marine members taking home first place in the event.

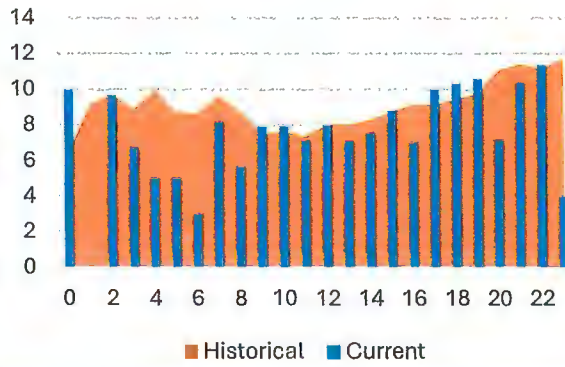


Staff Summary

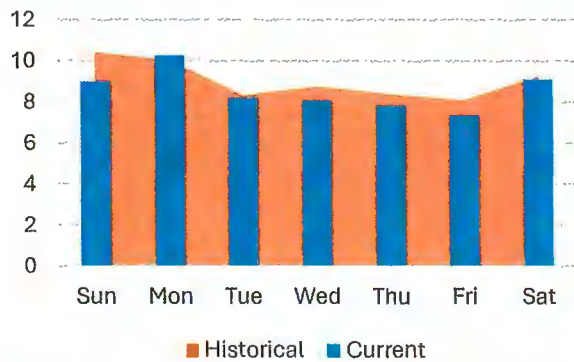
Attendance by Month



Attendance by Hour of Day



Attendance by Day of Week



Awards

Resource	Runs	Hours	Percent
Mills, Glen	102	125	89%
Lapos, Andrew	82	96	71%
Malmgren, Daniel	67	79	58%
Knutson, Gayle	60	72	52%
Godsave, Bayard	59	72	51%