

Fire Suppression – Firefighting

1. **GOAL:** Preventing loss of life: The primary goal of fire suppression services is to protect human life. This includes not only the occupants of the building but also firefighters who respond to the emergency.

- a. **OBJECTIVES**

- i. Ensure rapid response times to fires.
 1. **Measurement:** Response times: Measure the time it takes for fire suppression services to respond to fires and set targets for rapid response times. NFPA 1710 \leq 240 seconds (first-due arriving).
 - **The district had an average of 300 seconds response times for reported structure fires during the reporting period, covering 32 square mile response zone with one station. With the planning of a second station in Babcock Ranch area, and automatic aid with neighboring districts, the district strives to further reduce response times to all emergency responses. We regularly monitor response times with the goal of meeting the NFPA response times. The district has adopted NFPA 1710, and is classified as an ISO Class 2 department.**
 - ii. Use effective tactics and techniques to quickly extinguish fires.
 1. **Measurement:** Fire extinguishing effectiveness: Track the percentage of fires that are fully extinguished and set targets for high success rates.
 - **Achieved**
 - iii. Evacuate occupants safely and efficiently.
 1. **Measurement:** Evacuation success: Track the percentage of successful evacuations meaning all occupants are safely removed from harm's way.
 - **Achieved**
 - iv. Provide training to the public on fire safety and prevention.
 1. **Measurement:** Evaluate the effectiveness of public fire safety and prevention training through surveys, focus groups, or other feedback mechanisms.
 - **Achieved**
 - v. Develop and maintain emergency response plans and procedures.
 1. **Measurement:** Conduct regular audits to ensure that emergency response plans and procedures are being followed and take corrective actions when necessary.
 - **Achieved**

The District routinely evaluates all structure fire responses, both in and out of the District's response area. During this reporting period, only two structure fires were responded to in the response area. Furthermore, the District routinely evaluates and audits training and responses plans, both internally and externally. The District also established an automatic closest unit response agreement with all surrounding fire districts to ensure a full complement of fire apparatus and firefighters are responding to all reported structure fires in the district.

2. **GOAL:** Containing the fire: The next goal is to contain the fire as quickly as possible to prevent it from spreading to other areas or buildings. This involves extinguishing the fire or limiting its growth until it can be safely put out.

- **OBJECTIVES**

- i. Identify and respond to fires quickly.

- **Measurement:** Measure the time it takes for fire suppression services to arrive at the scene of a fire and set targets for rapid response times.
 - **Achieved**
 - ii. Establish and maintain control of the fire area.
 - **Measurement:** Fire control effectiveness: Track the size and spread of fires and set targets for minimizing fire growth and damage.
 - **Achieved**
 - iii. Deploy appropriate firefighting equipment and personnel to the scene.
 - **Measurement:** Resource utilization: Measure the effectiveness of the deployment of firefighting equipment and personnel, and track resource allocation to ensure that adequate resources are available for every incident.
 - **Achieved**
 - iv. Implement fire suppression tactics that minimize fire growth and limit damage.
 - **Measurement:** Set targets for minimizing fire growth and property damage, and regularly evaluate the effectiveness of suppression tactics to ensure that they are meeting these targets.
 - **Achieved**
 - v. Coordinate with other agencies to ensure adequate resources are available.
 - **Measurement:** Collaboration: Evaluate coordination with other agencies during fire suppression operations and track the effectiveness of inter-agency communication.
 - **Achieved**
- 3. **GOAL:** Protecting property: Fire suppression services also aim to minimize damage to property and prevent the loss of valuable assets, such as buildings, equipment, and personal belongings.
 - **OBJECTIVES**
 - i. Implement strategies to protect structures and assets from fire damage.
 - **Measurement:** Fire prevention compliance: Conduct regular inspections of buildings and enforce fire codes to ensure that structures are properly equipped to prevent fires.
 - **Achieved**
 - ii. Use appropriate firefighting tactics to prevent the spread of fire to nearby structures.
 - **Measurement:** Fire damage reduction: Track the number and severity of fire damage incidents and evaluate the effectiveness of firefighting tactics in preventing or minimizing property damage.
 - **Achieved**
 - iii. Conduct inspections and enforce fire codes to ensure buildings are properly equipped to prevent fires.
 - **Measurement:** Public awareness: Conduct surveys and outreach activities to measure public awareness of fire prevention measures and evaluate the effectiveness of education programs.
 - **Achieved**
- 4. **GOAL:** Preserving the environment: Fire can have a significant impact on the environment, including air and water quality, wildlife habitats, and natural resources.

Fire suppression services should take measures to prevent or minimize these impacts.

- **OBJECTIVES**

- i. Minimize damage to natural resources, such as air and water quality.
 - **Measurement:** Environmental impact assessment: Conduct regular assessments of the impact of firefighting operations on the environment and take steps to minimize impact.
 - **Achieved**
- ii. Utilize environmentally safe firefighting tactics and materials.
 - **Measurement:** Green firefighting tactics: Evaluate the effectiveness of environmentally safe firefighting tactics and materials and track their usage during fire suppression operations.
 - **Achieved**
- iii. Coordinate with environmental agencies to ensure compliance with regulations and minimize impact on the ecosystem.
 - **Measurement:** Collaboration with environmental agencies: Evaluate coordination with environmental agencies during fire suppression operations and track the effectiveness of inter-agency communication.
 - **Achieved**
- iv. Provide education and resources to the public on environmentally conscious fire prevention and response measures.
 - **Measurement:** Public awareness: Conduct surveys and outreach activities to measure public awareness of environmentally conscious fire prevention and response measures and evaluate the effectiveness of education programs.
 - **Achieved**

The District's normal procedure is to engage local and state environmental agencies when those concerns arise during an emergency response, and follows all recommendations and applicable laws in regards to those impacts. Furthermore, the District utilized environmentally friendly firefighting tactics during suppression efforts to include approved foam.

5. **GOAL:** Ensuring public safety: Fire suppression services should also ensure public safety by providing information and education on fire prevention and response, as well as conducting fire safety inspections and enforcing fire codes and regulations.

- **OBJECTIVES**

- i. Conduct regular fire safety inspections of buildings and public spaces.
 - **Measurement:** Fire prevention compliance: Conduct regular inspections of buildings and public spaces and enforce fire codes and regulations to promote compliance and safe practices.
 - **Achieved and completed annually.**
- ii. Provide public education on fire prevention and response measures.
 - **Measurement:** Public awareness: Conduct surveys and outreach activities to measure public awareness of fire prevention and response measures and evaluate the effectiveness of education programs.
 - **Achieved and completed annually.**

- iii. Maintain effective communication with the public during fire emergencies.
 - **Measurement:** Emergency communication: Evaluate the effectiveness of warning systems and emergency notification protocols and track the success rates of communication with the public during fire emergencies.
 - **Achieved**
- iv. Implement warning systems and emergency notification protocols.
 - **Measurement:** Warning system effectiveness: Track the time it takes for warning systems to alert the public about a fire and set targets for rapid notification times.
 - **Achieved**

The District works with Lee County EOC and Public Safety to assist in emergency communications with residents during all emergencies and natural disasters that require mass notifications.

- 6. **GOAL:** Continuous improvement: Fire suppression services should continually evaluate and improve their operations, equipment, and training to ensure that they are providing the highest level of service to the community.

- **OBJECTIVES**

- i. Regularly review and evaluate fire suppression services' performance and operations.
 - **Measurement:** Performance evaluations: Conduct regular evaluations of fire suppression services' performance and operations and use the results to identify areas for improvement.
 - **Achieved**
- ii. Invest in training and professional development for firefighting personnel.
 - **Measurement:** Professional development: Track the number of hours of training and professional development provided to firefighting personnel and set targets for ongoing learning and skill development.
 - **Achieved**
- iii. Conduct research and development on new firefighting techniques and equipment.
 - **Measurement:** Research and development: Track the progress of research and development initiatives for new firefighting techniques and equipment and evaluate their potential impact on fire suppression services.
 - **Achieved**

Rescue and Emergency Medical Services – Medical emergencies

- 1. **GOAL:** To provide rapid response to medical emergencies: The primary goal of Rescue and Emergency Medical Services is to provide a timely and effective response to medical emergencies.
 - a. **OBJECTIVES**
 - i. Achieve a response time of 4 minutes for all medical-related emergencies. BLS NFPA 1710 \leq 240 seconds.
 - ii. Continuously monitor response times and identify areas for improvement.
 - 1. **Measurement:** This goal can be achieved by setting response time targets and regularly measuring and evaluating response times to ensure that they meet established targets.

- The district strives to achieve the quickest response times for all emergencies. For the reporting period, the district had an average travel time of first apparatus at 5:39 district wide covering a 32 square miles area. This is under the national average for response times nationwide. The District is an ISO Class 2 department.
2. **GOAL:** To provide high-quality medical care to patients: Another goal of Rescue and Emergency Medical Services is to provide high-quality medical care to patients.
- a. OBJECTIVES**
- i. Continuously monitor patient outcomes in conjunction with Lee County EMS/Hospitals, and identify areas for improvement.
 - **Measurement:** This can be achieved by setting performance targets related to patient outcomes, such as survival rates, and regularly measuring and evaluating performance against these targets.
 - **Achieved**
3. **GOAL:** To ensure the safety of patients and emergency responders: A key goal of Rescue and Emergency Medical Services is to ensure the safety of patients and emergency responders.
- a. OBJECTIVES**
- i. Ensure that all emergency responders are properly trained in the use of personal protective equipment.
 - ii. Achieve a compliance rate of 100% for the use of personal protective equipment.
 - **Measurement:** This can be achieved by setting safety targets related to the use of personal protective equipment, such as gloves and masks, and regularly evaluating compliance with these targets.
 - **Achieved**
4. **GOAL:** To provide ongoing training and professional development for emergency responders: Another goal of Rescue and Emergency Medical Services is to provide ongoing training and professional development for emergency responders.
- a. OBJECTIVES**
- i. Ensure that all Emergency Medical Technicians and Paramedics receive a minimum of 30 hours of training per two-year period.
 - ii. Continuously evaluate the effectiveness of training programs and make improvements as necessary.
 - **Measurement:** This can be achieved by setting training targets, such as the number of hours of training required each year, and regularly measuring and evaluating compliance with these targets.
 - **Achieved**
5. **GOAL:** To ensure efficient use of resources: Finally, the goal of Rescue and Emergency Medical Services is to ensure efficient use of resources, such as medical equipment and emergency
- a. OBJECTIVES**
- i. Document vehicle restocking and preparation time between emergency calls. Continuously monitor resource usage and identify

areas for improvement to maximize efficiency.

- **Measurement:** This can be achieved by setting efficiency targets, such as the time it takes to restock and prepare vehicles between emergency calls, and regularly measuring and evaluating performance against these targets.
- **Achieved**

Vehicle Accidents

1. **GOAL:** To provide rapid and effective response to vehicle accidents: The primary goal of fire fighters in responding to vehicle accidents is to provide a timely and effective response to the emergency situation.
 - a. **OBJECTIVES**
 - i. Continuously monitor response times and identify areas for improvement.
 - ii. Utilize GPS technology to identify the fastest routes to accident sites.
 1. **Measurement:** Response time: The time it takes for emergency responders to arrive on the scene of the accident. This can be measured in minutes.
 - **Achieved**
2. **GOAL:** To ensure the safety of victims and emergency responders: A key goal of fire fighters in responding to vehicle accidents is to ensure the safety of victims and emergency responders.
 - a. **OBJECTIVES**
 - i. Provide regular training for fire fighters on vehicle extrication techniques.
 - ii. Ensure that all fire fighters have the necessary equipment, such as hydraulic rescue tools and personal protective gear, to respond to vehicle accidents.
 - **Measurement:** Number of injuries sustained by victims and emergency responders.
 - **Achieved**
3. **GOAL:** To provide medical care to victims: Another goal of fire fighters in responding to vehicle accidents is to provide medical care to victims, including extrication from the vehicle, and first aid.
 - a. **OBJECTIVES**
 - i. Document the survival rate for all vehicle accident victims.
 - ii. Continuously monitor patient outcomes and identify areas for improvement in medical care.
 - **Measurement:** Survival rate: The percentage of vehicle accident victims who survive hospital admission or discharge.
 - **Achieved**
4. **GOAL:** To clear the accident scene quickly and safely: Another goal of fire fighters in responding to vehicle accidents is to clear the accident scene quickly and safely, to reduce the risk of further accidents and minimize disruption to traffic.
 - a. **OBJECTIVES**
 - i. Continuously monitor scene clearance times and identify areas for improvement in efficiency and safety.
 - **Measurement:** Scene clearance time: The time it takes to clear the scene of the accident.
 - **Achieved**

Special Operations

The District had no Special Operations response request during the time frame for this report. However, the District works closely with local TRT teams to assist during emergency responses that may arise, with automatic response from specialized teams to assist during those emergencies. Furthermore, the District routinely trains in various special operation areas that could arise within the district.

1. **GOAL:** To provide timely and effective response to specialized emergencies: The primary goal of fire fighters in responding to specialized emergencies such as confined spaces, rope rescue, trench rescue, swift water and canal/waterway rescue, technical extrication, and hazardous incidents is to provide a timely and effective response to the emergency situation.
 - a. **OBJECTIVES**
 - i. Achieve a response time of 4 minutes to all specialized emergency calls.
 - ii. Utilize effective communication and coordination strategies to ensure a timely and effective response to specialized emergencies.
 1. **Measurement:** Measure the average response time to all specialized emergency calls and ensure that it meets the target response time of 4 minutes.
2. **GOAL:** To ensure the safety of victims and emergency responders: A key goal of fire fighters in responding to specialized emergencies is to ensure the safety of victims and emergency responders.
 - a. **OBJECTIVES**
 - i. Provide appropriate personal protective equipment (PPE) to all emergency responders.
 - **Measurement:** Conduct regular audits to ensure that all emergency responders have the appropriate PPE and address any deficiencies.
 - ii. Implement safety protocols and procedures for all specialized emergency response operations.
 - **Measurement:** Conduct regular training and drills to ensure that all emergency responders are familiar with safety protocols and procedures.
 - iii. Provide appropriate medical care to all victims of specialized emergencies.
3. **GOAL:** To provide medical care to victims: Another goal of fire fighters in responding to specialized emergencies is to provide medical care to victims, including extrication from hazardous environments, and first aid.
 - a. **OBJECTIVES**
 - i. Ensure that all emergency responders are trained and certified in first aid and emergency medical services.
 - **Measurement:** Maintain records of all emergency responders' certifications and ensure that they are up to date.
 - ii. Maintain a sufficient supply of medical equipment and supplies for all specialized emergency response operations.
 - **Measurement:** Conduct regular inventories of medical equipment and supplies and ensure that they are adequately stocked.

4. **GOAL:** To clear the incident scene quickly and safely: Another goal of fire fighters in responding to specialized emergencies is to clear the incident scene quickly and safely, to reduce the risk of further accidents and minimize disruption to surrounding areas.

a. OBJECTIVES

- i. Utilize effective incident management strategies to minimize the time required to clear the incident scene.
 - **Measurement:** Measure the time required to clear the incident scene, and implement improvements as needed to minimize this time.
- ii. Develop and implement effective traffic control measures to minimize disruption to surrounding areas.
 - **Measurement:** Measure the effectiveness of traffic control measures, and implement improvements as needed to minimize disruption.