

ST. TAMMANY FIRE PROTECTION DISTRICT NO. 4



ANNUAL REPORT 2022

Mandeville Fire/EMS



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TABLE OF CONTENTS

To Our Stake Holders	3
Mission Statement.....	3
Values Statement	3
Motto	3
Message from the Fire Chief	3
Fire District Overview	4
Risk Profile Statistics.....	4
Fire District Map	4
Fire Incident Data	5
Response Data.....	6
EMS Response Data	7
COVID Response Data	8
Fire Prevention & Safety.....	9
Training Data.....	10
Natural Disasters	11
International Accreditation.....	12
Property Insurance Association of Louisiana (PIAL).....	13
2022 In Pictures	14
Photos and Message from the Board of Commissioners.....	15



TO OUR STAKEHOLDERS

MISSION STATEMENT

At Mandeville Fire/EMS, our mission is to protect our community from all hazards and life emergencies through excellence in public service.

VALUES STATEMENT

As the men and women of Mandeville Fire/EMS, we base the foundation of our mission on the values of honesty, integrity, pride, professionalism, respect, compassion, and dedication

MOTTO

EXCELLENCE IN PUBLIC SERVICE



Message from the Fire Chief

St. Tammany Fire Protection District No. 4 commonly known as Mandeville Fire/EMS serves a community of nearly 60,000 citizens populating over 75 square miles with over 100 specialists in fire suppression and emergency medical services. Mandeville Fire/EMS offers fire prevention programs and lifesaving education classes, state of the art lifesaving medical technology, hazardous material response, an all-hazards technical rescue team and much more.



Mandeville area Fire District No 4 has been awarded an insurance Class 1 fire rating from Property Insurance Association of Louisiana (P.I.A.L.). Mandeville area Fire District No. 4 is one of only two accredited Louisiana fire departments and our Fire District is the only Class 1 and Internationally Accredited Fire Department in Louisiana. Less than 10% of the U.S. Population is protected by a Class 1 and Accredited fire department.

We invite you to review this report for more information about the all-hazards services provided by St. Tammany Fire Protection District No. 4, Mandeville Fire/EMS to our wonderful community.

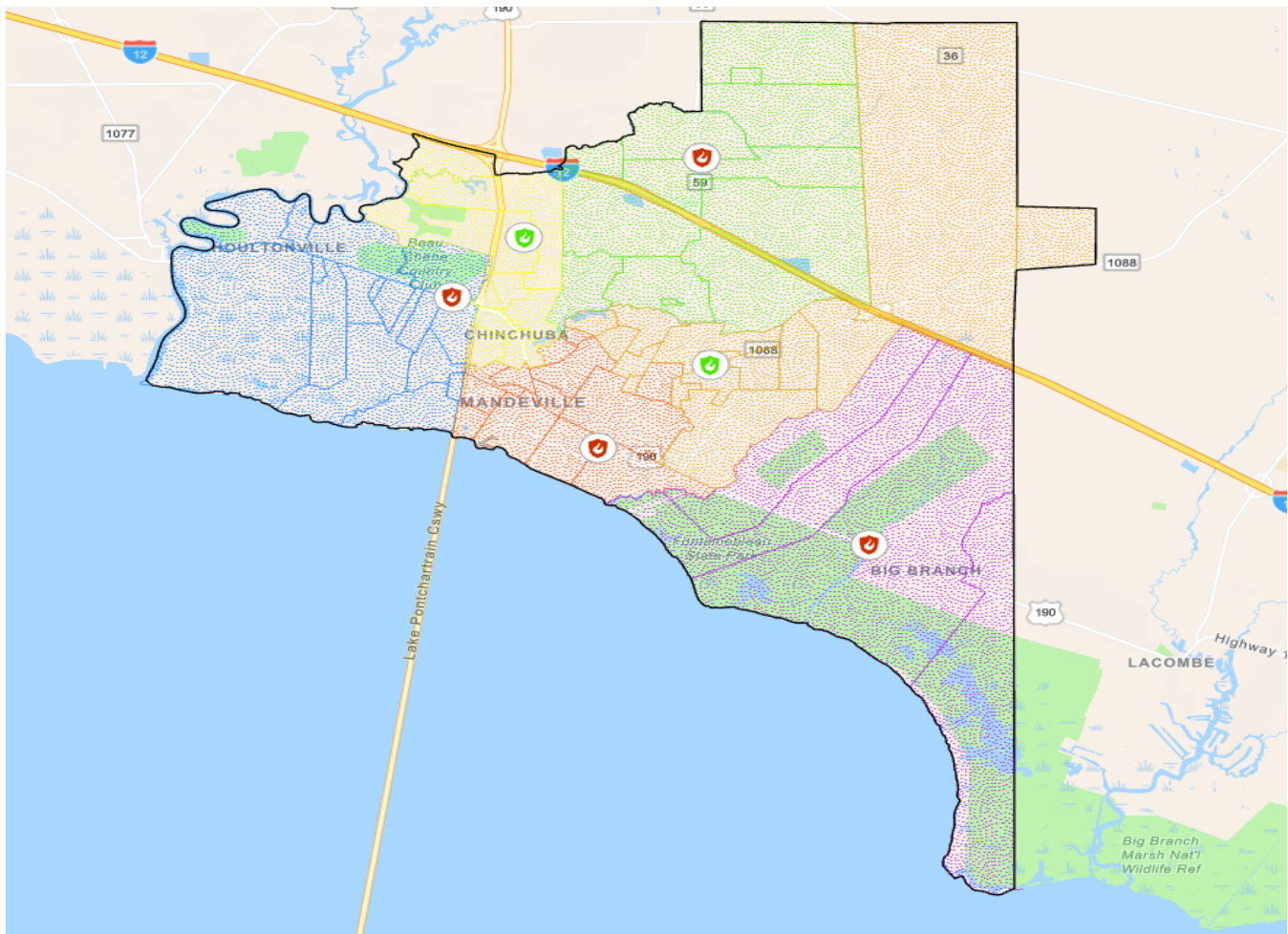
If you have any questions, do not hesitate to call me at my office, 985-626-8671 ext. 104.

Sincerely,
Kenneth Moore
Fire Chief
Mandeville Fire/EMS
St. Tammany Fire Protection District #4

FIRE DISTRICT OVERVIEW¹

Fire Rating Classification: _____	1	 
Square miles covered: _____	75	
Population served: _____	56,877	
Households protected: _____	21,559	
Businesses protected: _____	3,665	
Employees protected: _____	26,713	
Senior Citizens 65+: _____	9,869	
Households with disability: _____	4,593	
Buildings 32 feet, 3-stories or more: _____	157	
Public & private schools protected: _____	17	
Students and faculty protected: _____	14,460	
High Risk Medical Facilities: _____	14	
High Risk Patient Capacity: _____	1,386	

Map of St. Tammany Fire Protection District No. 4. Red circles represent existing stations, Green circles represent future stations to begin construction 2023.



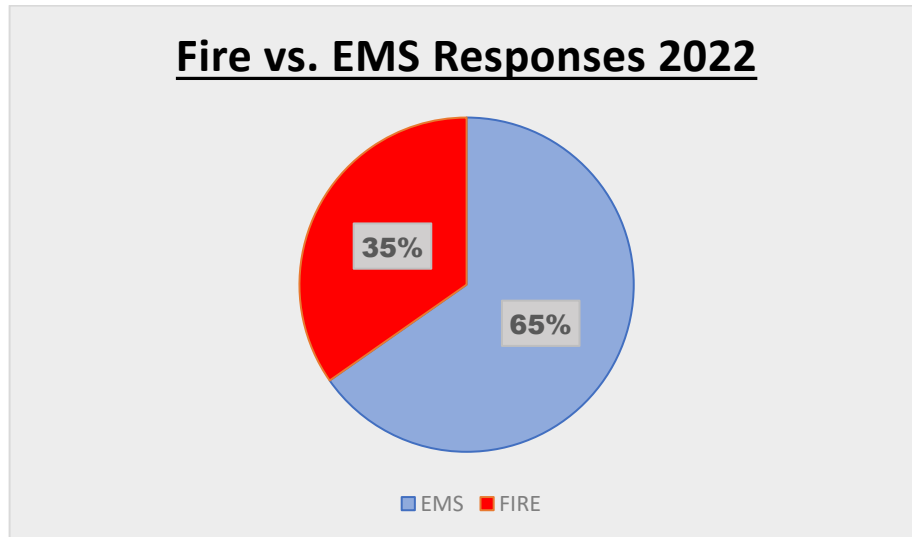
¹ Data provided by Esri, Esri and Infogroup. Esri Forecast for 2022, U.S. Census Bureau (ACS Data)

2022 FIRE INCIDENT DATA

Total Responses for 2022: **7,509** (0.44% increase from 2021)

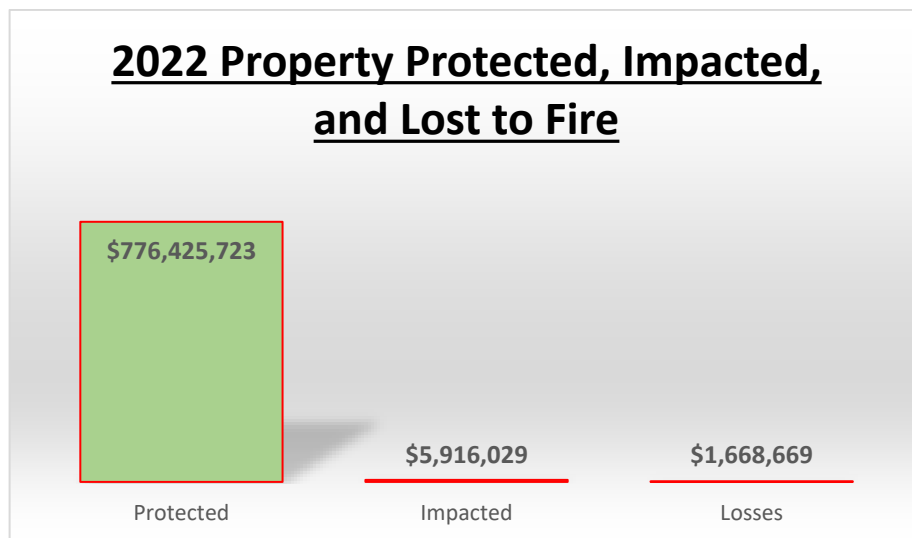
2,607 Responses were Fire/Rescue/Hazmat Incident Types, down by 199 for 2022

4,902 Responses were Medical Emergencies, up by 232 for 2022



There were **145** Fires in 2022, down by 44 for 2022

The following graphic shows fire losses versus protected property for 2022:



Overall losses were down by \$731,177 from 2021 to 2022

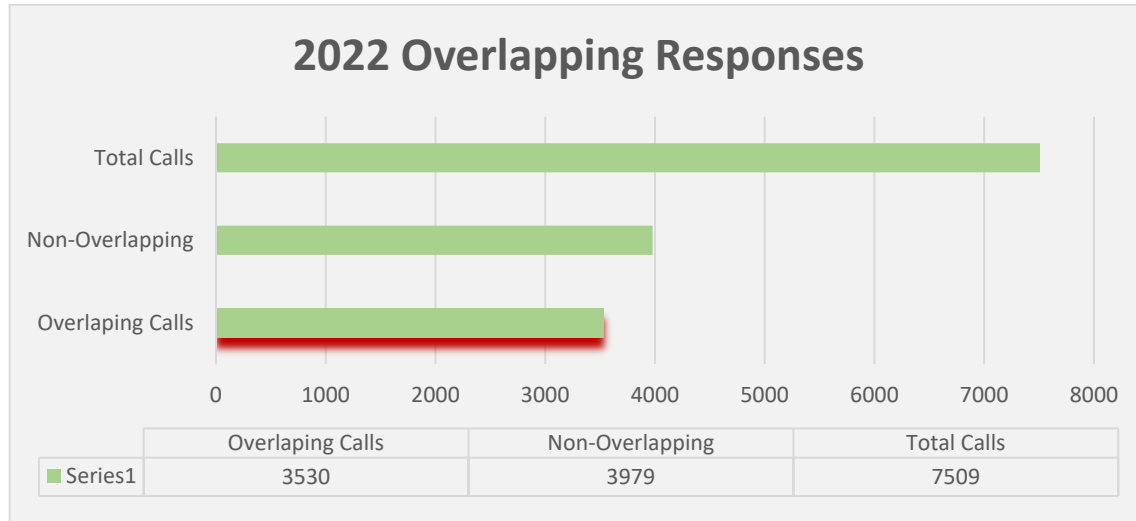
2022 MAJOR FIRE LOSSES		
4/23/2021	1 or 2 family dwelling	\$300,000.00
12/13/2022	Vehicle Storage	\$200,000.00
12/28/2022	1 or 2 family dwelling	\$650,563.00
2022 FIRE CAUSALTIES		
DATE	INJURY	DEATH
12/31/2022	1	N/A

2022 RESPONSE DATA

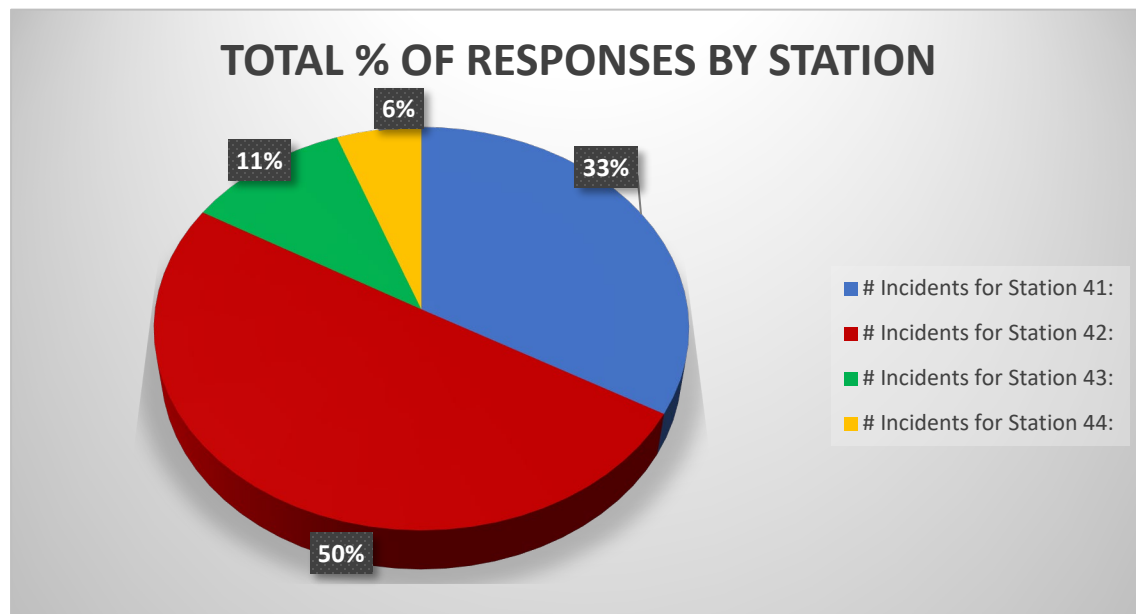
Total Average Response time for 2022: **00:04:47**

Total Average Time on Scene for 2022: **00:13:40**

Total Percentage of Time Calls Overlap: **47%**



50% of Total Responses came from one fire station. (% of all responses by station)

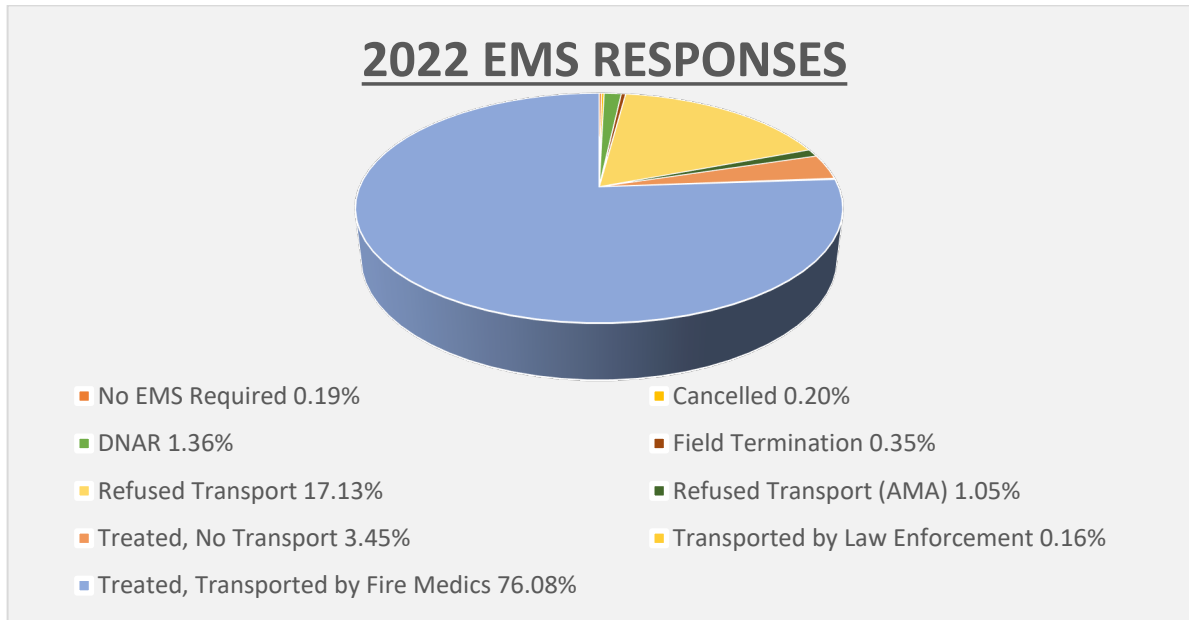


Total percent of responses inside & outside Station Area for 2022

Station 41	73%	27%
Station 42	84%	16%
Station 43	68%	32%
Station 44	47%	53%

2022 EMS RESPONSE DATA

4,902 Medical responses with **5,137**, patients, **76%** transported to a hospital.



801 Falls with injury, **16.34%** of all calls, the most frequent medical emergency of 2022.

607 Motor Vehicle Accidents with injury, **13.1%** of all calls, 2nd most frequent emergency.

131 Overdoses, **156** doses of Narcan given, **92%** with pulse restored.

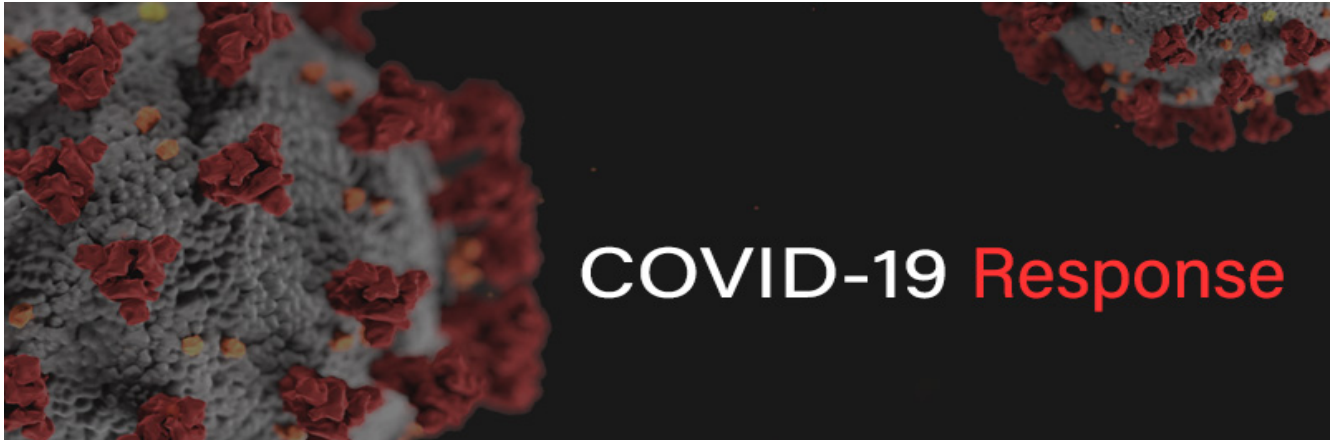
85 Cardiac Arrests (non-traumatic)

53 Times CPR was performed, **34%** with pulse restored

196 Trauma injuries (non-MVA), **10** Major Traumas



2022 COVID-19 RESPONSE DATA

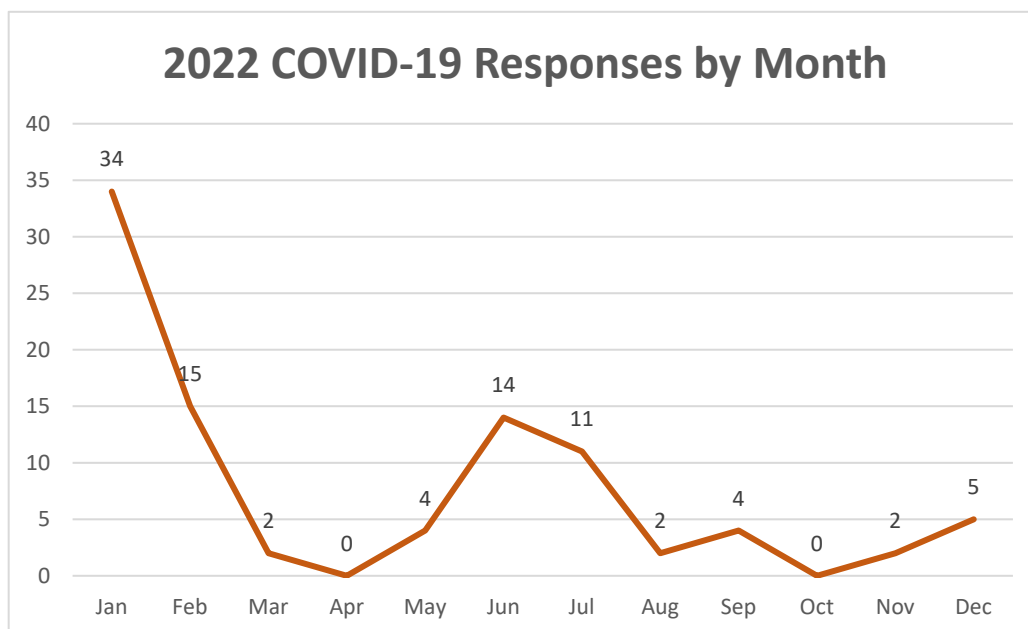


On March 9th, 2020 the first COVID-19 case was reported in Louisiana. On Tuesday March 10th, 2020 at 12:13 PM Mandeville Fire/EMS responded to a patient in distress, Incident #: 2020-0001108. This patient was the first COVID-19 positive patient transported by Mandeville Fire/EMS. Since the start of the Pandemic there have been 639 suspected COVID patients treated by District 4. There have been 5 surges in COVID and 2 additional variants, Delta in July 2021, and Omicron in December 2021. COVID-19 and its variants have impacted operations including response, staffing, training, public education, and community events. In 2022, the impacts were more economic in nature than response related, such as increase costs to the fire district with minimal increase in revenue. More costly was the employee turnover, and difficulty in recruiting new firefighters. As COVID-19 began to move from Pandemic to Endemic in 2022, the number of cases requiring EMS also were reduced.

93 COVID Responses in 2022 (down by 47% from 2021)

1.9% of all medical responses were for COVID.

34 Employees missed work due to COVID in 2022 with **2,395** hours missed.



FIRE PREVENTION AND SAFETY DATA

The Fire Prevention Bureau is responsible for investigating fires, conducting fire safety inspections in businesses, and coordinating the public fire and safety education efforts of the department.

948 Business inspections conducted in 2022

86 Re-inspections completed in 2022

5,831 Citizens received public fire and or safety education in 2022

58 Public education events were held.

27 Social media messages per month average for 2022 on Facebook, Twitter & Instagram

12,315 Social media page followers on Facebook and **1,174** Instagram followers for 2022

42 Child Safety Seat inspections completed in 2022

75 Smoke Alarms installed in 2022

Through a partnership with the Bureau of Alcohol Tobacco Firearms and Explosives, Mandeville Fire/EMS is fortunate to have an Accelerant Detection Canine team as part of our investigation tools. Chief Kaufmann and ATF K9 Sadie are one of 66 such teams across the country. Sadie is trained to detect ignitable liquids commonly used as accelerants in deliberately set fires.

18 Fire Investigations conducted in 2022

10 K9 Sadie involved investigations in 2022. Several investigations Sadie was involved in resulted in the arrest of the person responsible for the fire.

11 Joint investigations conducted by the St. Tammany Parish Fire Investigation Team



TRAINING DATA

The single most important function of Mandeville Fire/EMS is a timely response to emergencies. The second most important task as a multi-hazard response agency is being prepared for those emergency incidents through continuous, meaningful training. Personnel serving in the operations ranks are subjected to a rigorous training regimen throughout each year in multiple disciplines; some examples include training in fire control, EMS, hazmat, & technical rescue.

41,157 Total agency training hours for 2022

121 Total personnel trained in 2022

4,412 Total hours of Emergency Medical Services (EMS) agency training in 2022

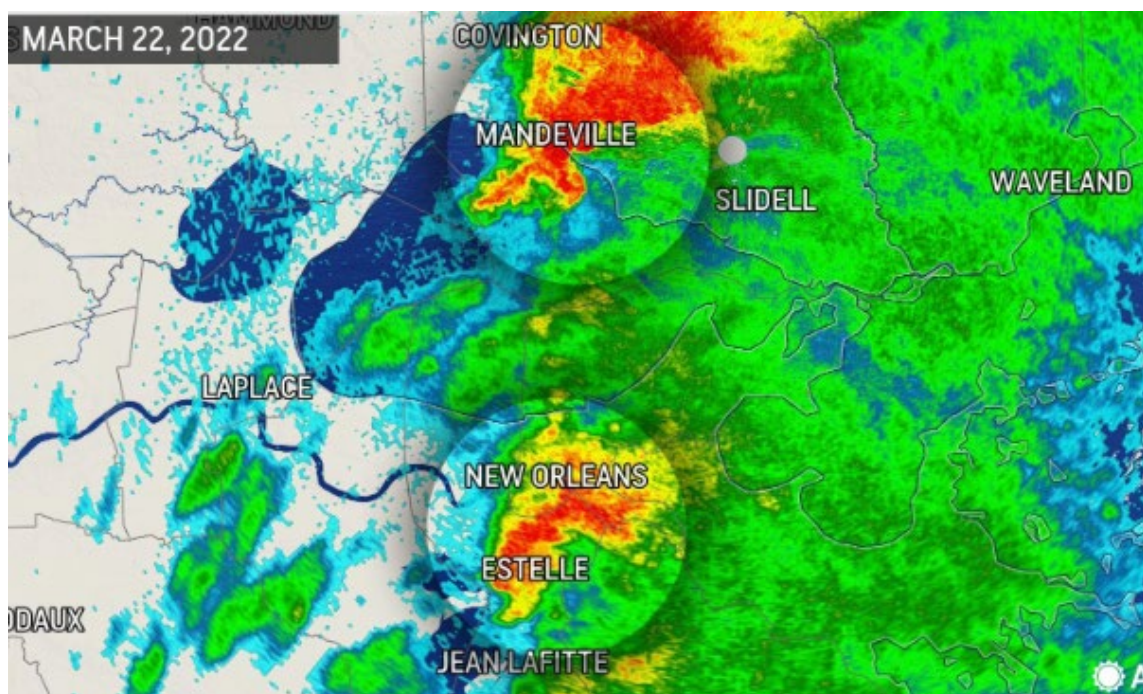
1119 Total hours of Hazardous Materials (Hazmat) agency training in 2022



NATURAL DISASTERS

Southeastern Louisiana was very fortunate to have no hurricanes make landfall in 2022. A great relief for those still recovering from 2021's Hurricane Ida and the active 2020 hurricane season that included impacts and close calls from Cristobal, Laura, Marco, Delta, Zeta, and the remnants of Beta. 2022 was no stranger to significant weather events, as many communities in the area were impacted by natural disasters this year. Tornadoes, severe thunderstorms, floods, freezing weather, and heat advisories, the community has been through a lot in the past year. A pair of weak tornadoes, rated EF1 and EF0, struck nearly the same location in the Lacombe area, within a week's time in late March. An NWS damage survey found different tree damage in the same yard from each tornado. An EF3 tornado with 160 mph winds passed through eastern New Orleans, including Terrytown and Arabi, overturning a home while a family was inside. Months later, another tornado, rated EF2, also passed through parts of Terrytown and Arabi. June 2022 was the hottest June on record. There were twenty-six, 90-degree days, eleven, 95-degree days, and two 99-degree days recorded at the N.O. Airport. On the other side of extreme weather, the earliest freeze ever in Slidell, breaking the Oct. 29, 2008, record by ten days. On Oct. 19, the low dropped to 31 degrees. A week and a half after the December tornado outbreak, another weather alert hit with a multi-day deep freeze for Christmas weekend. The lows dropped into the teens and 20s. The wind chill dropped into the single digits. Below are some weather-related statistics for 2022:

- 4** Times a formal severe weather Emergency Operational Period was established
- 3** emergency operational periods for severe thunder storms with tornado threats
- 1** emergency operational periods for severe winter weather & freezing temperatures
- 6** Structures struck by lightning
- 12** Heat Stroke/Heat Exhaustion medical responses
- 3** Hypothermia/cold exposure medical responses



INTERNATIONAL ACCREDITATION

In 2021 St. Tammany Fire District No. 4 (District 4) Mandeville Fire/EMS received Accredited Agency status with the Commission on Fire Accreditation International (CFAI) for meeting the criteria established through the CFAI’s voluntary self-assessment and accreditation program. District 4 is one of more than 300 agencies to achieve Internationally Accredited Agency status with the CFAI and the Center for Public Safety Excellence, Inc. (CPSE)

District 4 joined St. Tammany Fire District 1, serving the Slidell area, as the only two accredited agencies in Louisiana. District 4 has the distinction of being the only Property Insurance Association of Louisiana (PIAL) Class 1 rated and internationally accredited agency in Louisiana and only 1 of about a 100 in the U.S.

CFAI is dedicated to assisting the fire and emergency service agencies throughout the world in achieving excellence through self-assessment and accreditation to provide continuous quality improvement and the enhancement of service delivery to their communities.

In 2022 the effort continued in working through the Strategic Plan and striving to meet the benchmarks for performance set through the accreditation process. This is a team effort that requires the members of the district, our elected officials, and the community to support this process.

The members and citizens of District 4 have much to be proud of; less than 1% of all fire departments are Class 1 and Accredited. It is through the hard work and dedication of the members and continuous support of our community that has made District 4 the very best fire and emergency service available.



PROPERTY INSURANCE ASSOCIATION OF LOUISIANA (PIAL) FIRE INSURANCE RATING



On June 4, 2018 St. Tammany Fire District No. 4 (District 4) Mandeville Fire/EMS received notification of the Fire Districts “Public Protection Classification” improvement from a Class 2 to a Class 1 rating. This made **St. Tammany Fire District No. 4** the first **Class 1 Fire Department** ever in St. Tammany Parish. St. Tammany Fire District No. 4 was in their graded year for 2022 and received notice of their next rating in January 2023. Through the Pandemic, record inflation and a struggle to maintain staffing the fire district members have worked tirelessly to ensure they have done all possible to maintain this Class 1 rating for our community. PIAL will provide the results of this rating sometime in mid-2023.

“Louisiana law mandates that better fire district ratings translate into savings on property insurance. La. R.S. 22: 1460(I) requires that insurers reduce premiums as fire gradings improve.”

According to the Office of the State Fire Marshals online directory there are over 500 fire departments in the state. According to the Louisiana Department of Insurance web-site, Louisiana has 14 Class 1 departments, including both large and small communities. The following departments have been rated as Class 1 departments: Baton Rouge, Jefferson Parish East Bank Consolidated Fire Dept., New Orleans, Kenner, Shreveport, Monroe, West Monroe, Bossier City, **St. Tammany Parish Fire Dist. 4**, Bastrop Fire Department, Gonzales Fire Department, St. George Fire Department, Zachary Fire Department, and Lafitte, Barataria, Crown Point JPDF 4.

2018 PIAL Summary of Credit for St. Tammany Fire District No. 4

Graded Category	Credit Earned	Maximum Credit
• COMMUNICATIONS	8.8 PTS	10 PTS
• FIRE DEPARTMENT	44.58 PTS	50 PTS
• OPERATIONAL CONSIDERATIONS	2.00 PTS	2.00 PTS
• WATER SUPPLY	39.96 PTS	40 PTS
• DIVERGENCE	-1.35 PTS	0.00 PTS
• COMMUNITY RISK REDUCTION	3.5 PTS	5.5 PTS
• TOTAL =	97.57 PTS	105.5 PTS



THE BOARD OF COMMISSIONERS AND FIRE CHIEF



From the top left to right

William H. "Bill" Dobson, Board Chairman

David Lindsey, Vice-Chairman

Jack Schell, Commissioner & Treasurer

Ambrose Amedee, Commissioner

Darryl Taylor, Commissioner

Kenneth Moore, Fire Chief

MESSAGE FROM THE BOARD OF COMMISSIONERS

Wm. H. "Bill" Dobson, Jr.
Board Chairman

Ambrose Amedee
Commissioner

David Lindsey
Vice-Chairman

Darryl Taylor
Commissioner

Jack Schell
Commissioner Treasurer

Marlaine Peachey
Secretary



Dear Residents and Members:

On behalf of our Board of Commissioners, I would like to take this opportunity to thank each and every one of you in our great community for the support of our dedicated members, as they work to keep us safe each day.

It gives me great pride to be the Fire District 4 Board Chairman and I am looking forward to a fantastic new year in 2023, with two new stations coming on line, along with new apparatus, new employees, and new promotions. I would also like to thank each of our members for the dedicated service and hard work you do for the citizens of our district! Thank you for striving to be the "Best of the Best"! In our position as the Board of Commissioners I assure you we will do our part to ensure you stay on top of your profession!

May God Bless you and your families and keep us all safe and healthy!

Respectfully,

A handwritten signature in blue ink that reads "Bill" with a large, stylized "D" at the end.

Wm. H. Dobson, LPI
Chairman, Board of Commissioners
St. Tammany Parish Fire District #4