# FLORDA FRES 2021 ANNUAL REPORT

DIVISION OF STATE FIRE MARSHAL FLORIDA DEPARTMENT OF FINANCIAL SERVICES www.MyFloridaCFO.com/SFM

FLORIDA

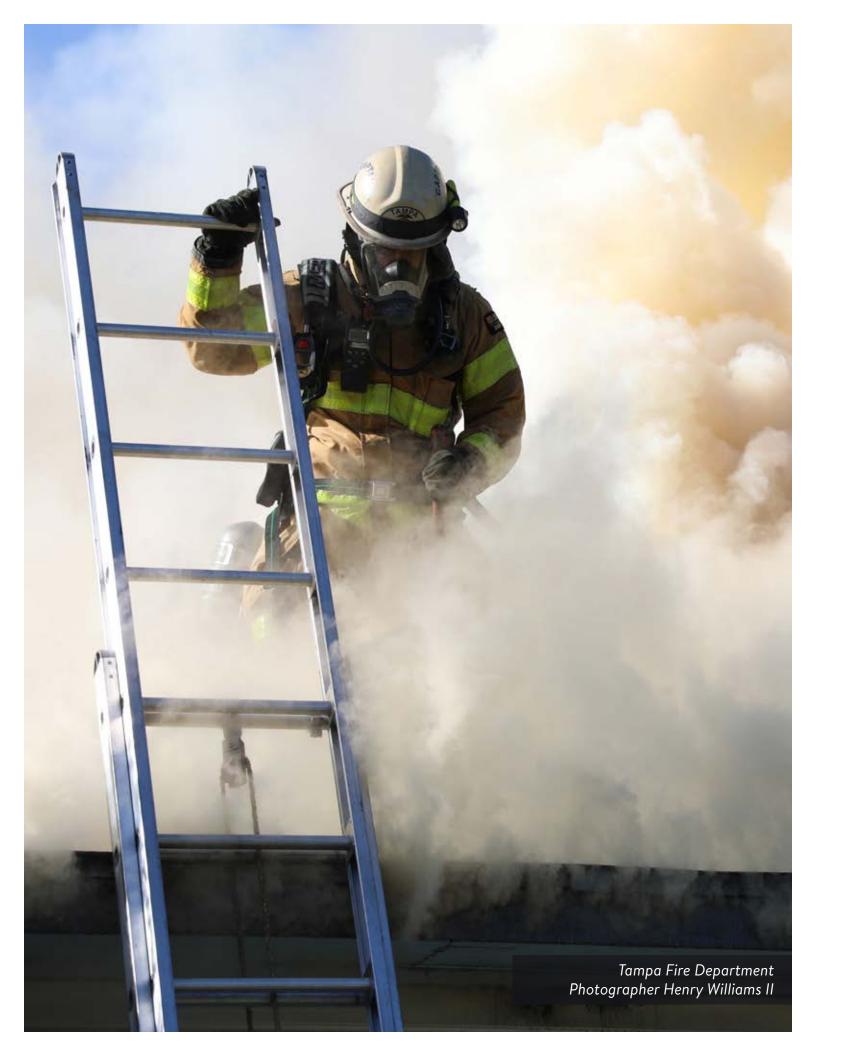
Photo: North River Fire District Photographer Chantel Zandi



# TABLE OF CONTENTS

CFO and State Fire Marshal Jimmy Patronis Division of State Fire Marshal Director Julius Division of Investigative and Forensic Servic Organizational Charts ..... Bureau of Fire Standards and Training...... Bureau of Fire Prevention..... Bureau of Fire, Arson and Explosives Investig Bureau of Forensic Services ..... 2021 Summary Statistics..... Fire Related Incidents by Hour, Month, and Regional Map ..... Florida Regional Fire and Non-Fire Totals.... Total Fires Compared to Five Year Average I Surfside ..... Frequency and Number of Civilian & Fire Se Florida Wildfires by Region and Acres Burne Area of Origin and Fire Cause for Residentia Smoke Alarm Use Data ..... Fire Sprinkler Use Data ..... Average Response Frequencies Reported by Heat Source and Cause of Ignition..... Civilian Deaths From Fires..... Civilian Injuries From Fires by Property Use. Civilian Deaths by County ..... Firefighter Injuries vs. Number of Incidents Fire Incidents and Fire Service Injuries by H Firefighter Injuries by Day, Month, and Qua 2021 FFIRS Reporting Fire Departments .... Grant Awards ..... 2021 Fallen Firefighters ..... Public Education Photo Contest Winners .....

1
s Halas2
es Director Simon Blank3
7
gations16
Quarter 21
by Property Use
rvice Injuries in High Rise Structure Fires32
d
al Structures
35 
35 
35 36 Florida Fire Departments
35 36 Florida Fire Departments
35 36 7 Florida Fire Departments
35 36 Florida Fire Departments
35 36 Florida Fire Departments
35 36 7 Florida Fire Departments
35 36 7 Florida Fire Departments
35 36 7 Florida Fire Departments



## **Dear Fellow Floridians:**

The men and women of Florida's fire service comprise one of our state's most vital, selfless, and heroic communities, and it is a tremendous honor for me to serve as Florida's State Fire Marshal and Chief Financial Officer. Every day, fire service personnel must face unpredictable and dangerous situations head-on to protect their neighbors, businesses, and communities. I believe the best fire service community in our country serves right here in Florida, and we all owe these heroes a debt of gratitude for their hard work and many sacrifices.

During the tragedy at Surfside, I witnessed firsthand the commitment and dedication of our men and women who make up the eight State's Urban Search and Rescue Teams come together as one unit at such a horrific scene. The teams worked around the clock in extreme heat and rain on a single focus to locate each and every trapped person and to recover those who lost their lives in the building collapse.

The Divisions of State Fire Marshal, Emergency Management, Miami-Dade County, Federal Emergency Management Agency along with a multitude of federal, state and local resources worked side by side tackling the enormous task of supporting not only the first responders but also the families of the victims and community as well.

One of my most treasured experiences serving as State Fire Marshal is the opportunity I have had to visit firehouses across Florida, spending time with these heroes. During these visits, I have learned directly from our firefighters and their families about the successes and personal challenges of the fire service personnel and how I can better meet their needs. It is important that fire service professionals have the proper resources, environment, and support to enable these brave men and women who serve our communities.

Throughout the state, fire service personnel continue to serve all Floridians without regard for personal risk. From providing lifesaving service during a fire to expertly investigating the cause of said fires, these brave men and women offer their expertise and skill each day. We recognize their outstanding efforts and thank them for their continued service.

Sincerely,

State Fire Marshal Chief Financial Officer State of Florida



## LETTER FROM SFM DIVISION DIRECTOR JULIUS HALAS

While the 2021 hurricane season was less demanding than previous years, the Division of State Fire Marshal remained busy as we were called upon to assist the Florida Department of Emergency Management (FDEM) with response to the COVID-19 pandemic, which placed a heavy burden on fire-based emergency medical services just as it did to hospitals throughout the state. As always, Florida's fire service was up to the task and many local personnel were used statewide to manage these tremendous challenges.

Over the past 20 years, the Florida Fire Service has developed robust statewide Urban Search and Rescue capabilities. The teams are comprised of dedicated local fire and emergency services that are equipped and trained in basic and advanced techniques to locate and remove victims of hurricanes, building collapses, trench cave-ins and water rescue to name a few. Their



experiences not only training together but the many joint deployments over the past years created a cohesive capability that was clearly demonstrated during the Surfside incident.

The mental and physical health of the men and women of the fire service is a paramount concern for their employers and loved ones. It is our unwavering duty to help increase awareness of the hazards our firefighters face regularly. We maintain our partnership with the University of Miami and several other firefighter health and safety organizations to accomplish these central goals. Our thanks to the 2021 Florida Legislature for their continued commitment to the health, safety, and welfare of the members of the fire service industry who place service above self every day.

Under the direction of CFO and State Fire Marshal Jimmy Patronis and his leadership team, we proudly continue our mission of giving the best service possible for Florida's residents, visitors, businesses, and its fire service industry.

Sincerely,

Julius Halas

Julius Halas **Division Director** State Fire Marshal

## LETTER FROM DIFS DIVISION **DIRECTOR SIMON BLANK**

On behalf of Chief Financial Officer Jimmy Patronis, Deputy Chief Financial Officer Julie Jones, and the men and women of the Florida Division of Investigative & Forensic Services (DIFS), we are pleased to be part of this the annual report for CY 2021.

The COVID-19 pandemic had a devastating impact on us all and posed many challenges. Yet keeping true to our vision statement, "United in a purpose to ensure a safer more prosperous Florida through leadership, accountability, and enforcement.", members of the Division worked tirelessly to ensure the Division's goals were accomplished and the needs of our customers were met.

During FY 2020/2021, DIFS received 15,772 referrals, arrested **Division Director** 921 suspects, and obtained over \$29.6 million in restitution for victims. The Bureau of Fire, Arson and Explosives Investigations and Forensic Services responded to 2,541 fire calls for assistance from fire departments, law enforcement, federal/ state agencies, citizens, and insurance companies, resulting in estimated losses of approximately \$100 million with \$15.5 million attributed to the crime of arson with a total of 312 arrests made.

The men and women of the Bureau remain dedicated to providing valuable and essential services to the citizens of Florida as our primary goal remains serving this great state with integrity and professionalism. It is my honor to work daily with this group of dedicated and talented individuals.

On behalf of our members, thank you for your continued support and assistance in our efforts to protect all Floridians against acts of arson, fraud and abuse of state funds.

Sincerely,

5 Blank

Simon Blank **Division Director** Division of Investigative & Forensic Services

#### FLORIDA DIVISION OF STATE FIRE MARSHAL





## FLORIDA STATE FIRE MARSHAL **OFFICE OF THE DIRECTOR**



JULIUS HALAS Director Division of State Fire Marshal



JOANNA RICE Assistant Director Division of State Fire Marshal





**MARK HARPER** Chief of Firefighter Standards and Training



PATRICK GIACOBBE Fire College Academic Instructor



SUSAN SCHELL Safety Program Manager



#### LISA ALLEN Senior Management Analyst



**MELISSA DEMBICER** Legislative and Special Projects Coordinator



Acting Program Manager for Fire Incident Reporting

Administrative Assistant III: MATT VOYER

JOHN KOHNKE Domestic Security Coordinator







**DAVID WARBURTON** Chief Boiler Inspector



JOHN WALKER Senior Management Analyst Supervisor



**EUGENIA TUCKER** Assistant Superintendent



**REGINA SAUERACKER Operations Management** Consultant

**CHARLIE FRANK** Training and Research Consultant



BOB COYNE Fire College Instructor Supervisor

Administrative Assistant III: MARY ANN BENSON



**JOHN GATLIN** Chief of Fire Prevention



**CATHERINE THRASHER** Safety Program Manager



**MORGAN WHITE** Engineering Specialist IV



## DIVISION OF INVESTIGATIVE AND FORENSIC SERVICES **OFFICE OF THE DIRECTOR**



SIMON BLANK Director Division of Investigative and Forensic Services



**EVANGELINA BROOKS** Assistant Director Division of Investigative and Forensic Services

#### **CARL CHASTEEN** Bureau Chief Bureau of Forensic Services



CHIEF THOMAS BOSCO **Bureau** Chief Bureau of Fire and Arson Investigations





# **BUREAU OF FIRE STANDARDS** AND TRAINING

### NATIONAL FIRE ACADEMY STATE-SPONSORED CURRICULA

Number of Students attended NFA State-sponsored classes throughout the State.

Course	Number of Stude
ICS-300	372
ICS-400	227
NFA Classes (Other)	364
TOTAL	963



#### The Villages

### Exe

Anal Publ Chie

> Ethi in th Com

Oua Perso

for tl Strat Fire & M тот



The Villages

### FIRE OFFICER III / FIRE OFFICER IV / FIRE CODE ADMINISTRATOR CURRICULUM

Number of Executive Development Course attendees at FSFC compared with all other providers throughout the State.

cutive Development Courses	FSFC 2021/2010	STATE 2021/2020
lytical Approaches to lic Fire Protection	13 / 9	283 / 158
ef Officer	9/9	323 / 155
ical & Legal Issues ne Fire Service	20 / 4	366 / 147
nmunity Risk Reduction	5/0	86 / 49
antitative Analysis	10 / 6	35 / 30
sonnel Management the Fire Service	11 / 5	62 / 27
ategic Planning	10 / 7	54 / 30
Prevention Organization	7/3	43 / 25
TAL	85 / 43	1,252 / 621



#### FIRE OFFICER I - FY 2021

**BUILDING CONSTRUCTION** 2 Offerings, 23 Students, 1150 contact hours

**FIREFIGHTING STRATEGY & TACTICS 1** 2 Offerings, 16 Students, 720 contact hours

**COMPANY OFFICER** 2 Offerings, 13 Students, 585 contact hours

**FIRE SERVICE COURSE DELIVERY** 2 Offering, 21 Students, 810 contact hours

#### FIRE OFFICER II - FY 2021

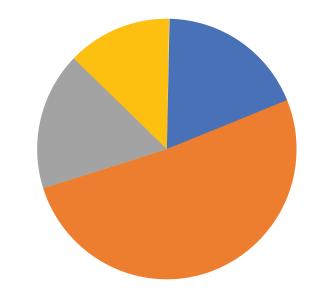


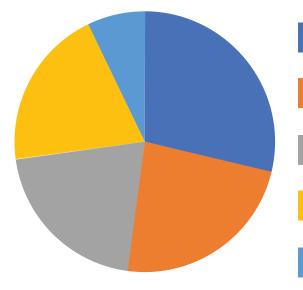
**FIRE PREVENTION PRACTICES** 2 Offerings, 12 Students, 540 contact hours

**PRIVATE FIRE PROTECTION SYSTEMS I** 1 Offerings, 33 Students, 1,485

**FIREFIGHTING STRATEGY & TACTICS II** 1 Offering, 11 Students, 495 contact hours

**FIRE SERVICE COURSE DESIGN** 1 Offering, 8 Students, 360 contact hours





#### FIRE SAFETY INSPECTOR PROGRAM - FY 2021

**BUILDING CONSTRUCTION** 2 Offerings, 48 Students, 2,160 contact hours

**CODES AND STANDARDS** 2 Offerings, 39 Students, 1,755 contact hours

**CONSTRUCTION DOCUMENTS AND PLANS REVIEW** 2 Offerings, 35 Students, 1,575 contact hours

**PRIVATE FIRE PROTECTION SYSTEMS I** 2 Offerings, 33 Students, 1,485

**FIRE PREVENTION PRACTICES** 1 Offerings, 12 Students, 540 contact hours

Month	Course Approval Request	Instructor Approval Request	Class Offering Approval Request	Provider Approval Request	Course to Course Equivalency Request	Year to Date
Jan	49	258	561	24	25	917
Feb	44	205	368	30	27	674
Mar	80	185	803	36	31	1135
Apr	59	175	814	52	37	1137
May	93	108	900	17	26	1144
Jun	91	120	801	12	29	1053
Jul	716	179	148	37	22	1102
Aug	71	271	512	7	18	899
Sep	34	134	306	4	23	501
Oct	28	75	149	11	14	277
Nov	73	341	583	6	28	1031
Dec	16	139	440	30	25	650
YTD	674	2005	4999	283	341	10,804



The Villages



#### FLORIDA DIVISION OF STATE FIRE MARSHAL

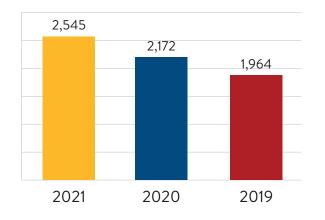


Hillsborough County Fire Rescue

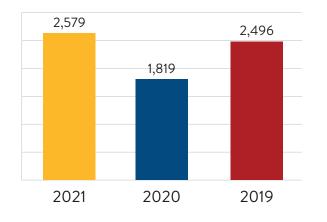
Treasure Island

## STANDARDS SECTION

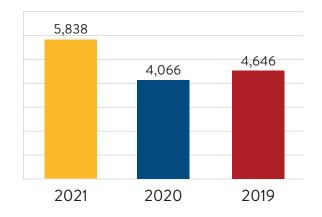
#### TOTAL PRACTICAL FIREFIGHTER EXAMS



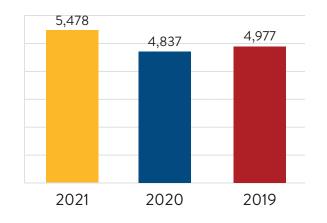
#### TOTAL WRITTEN FIREFIGHTER EXAMS



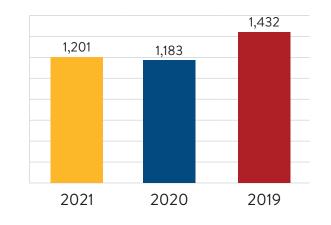
#### TOTAL WRITTEN VOCATIONAL EXAMS



#### VOCATIONAL CERTIFICATIONS ISSUED



#### SUPPLEMENTAL COMPENSATION APPROVED



#### SUPPLEMENTAL FUNDS DISBURSEMENT



## **STUDENT SERVICES SECTION**

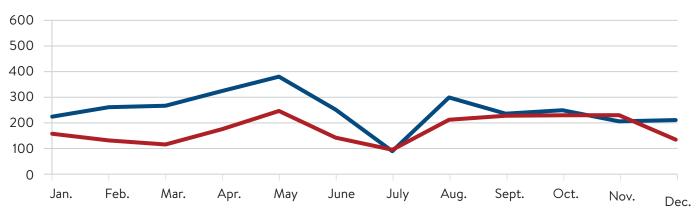
#### 2020-21 ON-CAMPUS STUDENT COMPARISON

The figure below provides a graphical understanding of the number of students per month on-campus and dormitory usage in 2021 - note, campus re-opened fully in May 2021 following COVID-19 precautions.



#### 2020-21 ON-CAMPUS STUDENT NUMBERS

College campus in 2020 and 2021.



Students



Tampa Fire Department

#### The following figure provides a comparison of students attending classes on the Florida State Fire

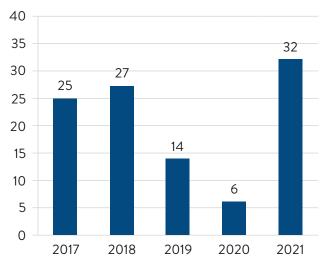
Dorms

Tampa Fire Department

## SAFETY SECTION

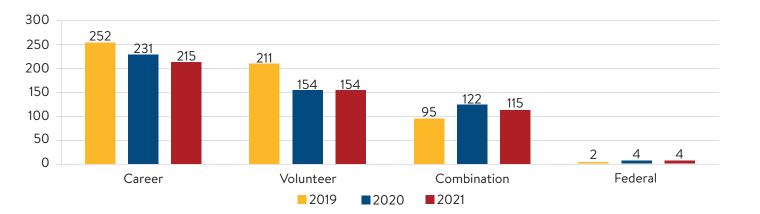
In 2021, the number of investigations increased. Regretfully, the state suffered a loss of 13 firefighters due to COVID-19, cancer, and a stroke. Training incidents were responsible for the next highest category of investigations. Medical was the third leading cause with cardiac events being the leading cause.

#### **COMPLETED INSPECTIONS**





Tampa Fire Department



NUMBER OF FIRE DEPARTMENTS



#### The Villages

## **BUREAU OF FIRE PREVENTION** PLANS REVIEW SECTION

The Plans Review Section completed 360 formal project reviews during 2021. The project review process includes the formal review but may also include additional supportive activities such as revision reviews, sprinkler system reviews, fire alarm system reviews, etc. The section completed 1344 supportive activities during 2021. Examples of projects that we reviewed in 2021 included the Parkview II Student Housing (valued at \$78 million) and the HVAC replacement at the State Capitol (\$13 million construction value).

## **BOILER SAFETY PROGRAM**

There are more then, 20,000 registered boilers located in Florida's public assembly areas in active service. For the 2020 calendar year, the deputy boiler inspectors, program staff, and insurance company Insurance inspectors conducted and/ recorded 8030 boiler inspections, of that 672 were First Inspection. We identified 2017 violations and closed 881 violations.



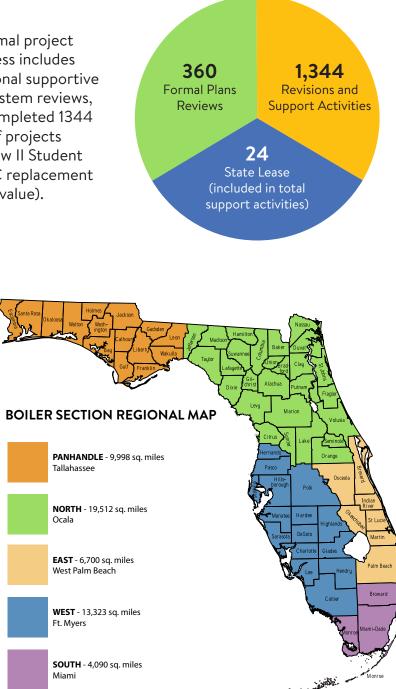
### **CHANGES**

One of the biggest changes we have in the Boiler Safety Section is the requirement of Co meters in public logging facilities. We are now enforcing 69A-70.010 which States that all enclosed spaces with a boiler that falls under our statute 554 must have a CO meter that shuts down the boiler at 35 ppm and must have a manual rest. This is a real good thing for public safety and will help to protect the public.

We have also implemented an Application system. All new Boiler installation or replacement of Boilers over 200,000 Btu's an application must be sent to the boiler safety section and approved before boilers can be installed. This will help us know where or how to prevent boilers being installed in the state of Florida.







### **REGULATORY LICENSING SECTION**

### CONSTRUCTION MINING AND EXPLOSIVES INDUSTRIES

License/Permit Type	Number of Active Licenses/Permits
Manufacturer-Distributer of Explosives	40
Dealer of Explosives	11
User of Explosives	148
Blaster Permits	191
Construction Mining Permits	89
TOTAL	479

#### FIRE EQUIPMENT DEALERS AND FIRE PROTECTION CONTRACTORS INDUSTRIES

License/Permit Type	Number of Active Licenses/Permits
Class A Fire Equipment Dealer	116
Class B Fire Equipment Dealer	50
Class C Fire Equipment Dealer	229
Class D Fire Equipment Dealer	276
Portable Extinguisher Permits	2,183
Pre-engineered System Permits	987
TOTAL	3,841
Fire Protection System Contractor I	210
Fire Protection System Contractor II	445
Fire Protection System Contractor III	32
Fire Protection System Contractor IV	3
Fire Protection System Contractor V	389
Water-Based Protection System Inspectors	1,044
TOTAL	2,123

### SPARKLER INDUSTRY

Registration Type	Number of Active Licenses/Permits
Manufacturer of Sparklers	3
Distributor of Sparklers	8
Wholesaler of Sparklers	102
Seasonal Retailer of Sparklers	942
Retail of Sparklers	510
Retail Location of Sparklers	4,275
Sparkler Products Submitted	86
TOTAL	5,926

12,369

TOTAL NUMBER OF ACTIVE LICENSES/ PERMITS FOR THE SECTION

## **INSPECTIONS SECTION**

The Inspections Section is the largest of the four code compliance sections within the Bureau of Fire Prevention. The purpose of our inspections is to identify, advise, and ensure correction of fire code violations and licensing renewal requirements in order to prevent or reduce the probability of fires through code compliance.

The North Region conducts inspections on over 2,100 buildings per year, not including construction, regulatory, or lease spaces. Examples of the buildings inspected in this region include the 22-story Florida State Capitol, Florida State University, Florida A& M University, state prisons, and a hospital.

The Northeast Region conducts inspections on over 2,300 buildings annually, not including construction, regulatory, or leased spaces. Some of the unique sites that are inspected by this office include Florida State Hospital, Camp Blanding - 73,000 acres for training for the Florida National Guard as well as military forces from other states located in southern Clay County, many of the historical buildings in the city of Saint Augustine, and several prisons.

The Northwest Region conducted inspections on over 1800 buildings this year, which does not include construction, regulatory, or lease spaces. A few examples of the buildings inspected in this area district include the University of West Florida, and several state correctional facilities and numerous state parks.

The Central Region conducts inspections on over 3300 buildings annually, not including construction, regulatory and leased spaces. Examples of buildings included in this region include: Shands Patient Care and Shands Teaching Hospital, University of Florida, University of Central Florida, Polytechnic University, Florida Architecture and Mechanical University, numerous state parks and several prisons.

The Southeast Region conducts inspections on over 2,300 buildings per year. Examples of the buildings inspected in this region include the Miami Tunnel, Florida Atlantic University, Florida International University, several state parks, and prisons.

The Southwest Region conducts inspections on over 2,306 buildings per year. Buildings inspected in this region include the University of South Florida, University of South Florida St. Pete Campus, University of South Florida Sarasota/Manatee Campus, New College, Ringling Museum, Florida Gulf Coast University, Florida Architecture and Mechanical University at Chinsegut Campus, and several prisons and state parks.



The Villages

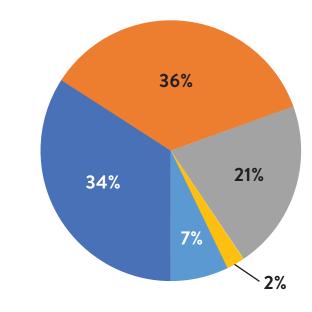
# BUREAU OF FIRE, ARSON AND EXPLOSIVES INVESTIGATIONS

## **BUREAU STATISTICS**

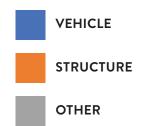
During the calendar year 2021, the Bureau of Fire, Arson and Explosives Investigations received 2,541 new requests for investigative assistance and completed 750 telephone fire consultations from fire departments, law enforcement agencies, federal and state agencies, individuals and insurance companies.

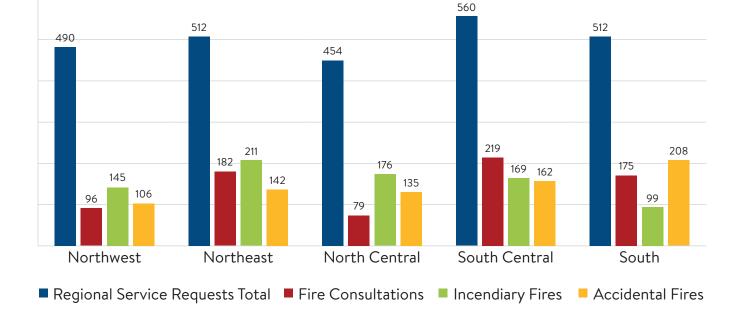
Investigative responses are classified according to type of incident.

Incident Type	Responses
Attempted Explosion	1
Attempted Fire	0
Explosion	7
Fire	2,295
Miscellaneous EOD	173
Miscellaneous Other	89
TOTAL	2,565



### 2021 TYPES OF INCIDENTS INVESTIGATED





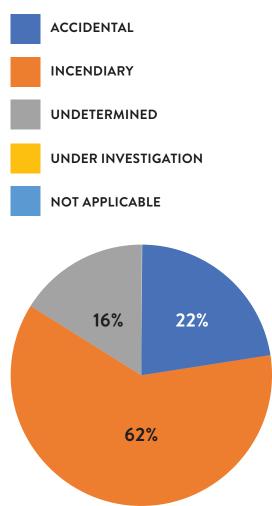
**OVERVIEW OF 2020 BUREAU STATISTICS** 

This year, the Bureau conducted investigations on properties that resulted in estimated losses of around \$100 million. Of this estimated property loss, approximately \$15 million was attributed to the crime of *arson*.



#### St. Petersburg

### 2021 INVESTIGATIONS: CAUSES REPORTED



### ARRESTS

Sworn personnel of the Bureau made arrests in 287 investigative cases in 2021, resulting in the arrest of 312 defendants. This information is based on an arrest date occurring in 2021 and often includes on-going investigations from previous years, not just cases initiated in 2021. Of the 287 cases with arrests, 211 of these investigations were classified as "Incendiary" fires and resulted in the arrest of 229 defendants. This represents an arrest clearance rate for incendiary fires of 27.7%. Charges against the perpetrator(s) included Arson, Burning to Defraud the Insurer, False/Fraud Insurance Claim, Murder/Arson, Grand Theft, Criminal Mischief, and Possession/Placement/ Discharge of a Destructive Device, along with other related crimes.

### **BFAEI K9 UNIT**



Accelerent Detection Canine Unit (K9)

## BOMB SQUAD

During 2021 the Division of Investigative & Forensic Services Bomb Squad conducted over 19,000 hours of Bomb Squad activities across the state. Our teams perform these while continuing to work their primary jobs of fire and arson investigation and insurance fraud. Team members receive specialized training from the FBI & ATF annually to keep up with emerging crime trends and ever-changing technologies, and continue working closely with local, state and federal partners in the safe resolution of hazardous devices for the citizens of the Great State of Florida.



## **CRIME INTELLIGENCE ANALYSIS SUPPORT**

The Bureau of Fire and Arson Investigations utilizes Crime Intelligence Analysis to support the enforcement efforts of the Bureau in tracking organized criminal activities within the State and to assist bureau detectives with arson investigations. CIA support is currently comprised of five (5) certified crime intelligence analysts. These analysts are located statewide with one (1) analyst serving in each of the five regions.

The crime intelligence analyst works towards gaining an understanding of who is doing what with whom by their focus on the relationship between persons and organizations involved in illegal and conspiratorial activities. They can efficiently analyze crime data using state of the art information systems.

# **BUREAU OF FORENSIC SERVICES**

The Bureau is located outside of Tallahassee, Florida, on the grounds of the Florida Public Safety Institute, off Highway 90 West between Midway and Quincy, Florida. Florida is one of only two states in the United States (the other being Ohio) to have their own dedicated forensic laboratory specializing in the analysis of evidence from fires or explosions. This allows us to have a turnaround time sufficiently faster so that results are provided to the submitter while the case is still under active investigation and fresh in their minds.

The Bureau can also analyze evidence collected from explosions, incendiary events, and situations where a potentially hazardous chemical is found. The potential exposure to fires, explosions, or other hazardous situations for first responders, should they encounter these chemicals, is a primary motivation for the Bureau's analysts.

In calendar year 2021, the Bureau performed 2,255 fire debris sample analyses. A total of 2,278 separate Quality Control/Quality Assurance (QA/ QC) analyses were completed for fire debris and explosives/hazardous chemical samples. These test the efficiency and quality of the laboratory's extraction, analysis, and interpretation procedures.

The Bureau's largest submitter is the Bureau of Fire, Arson, and Explosives Investigations which accounts for over 85% of all submissions. The remaining items are submitted by fire departments, sheriff's offices, police departments, and other State of Florida agencies performing law enforcement investigations.

The imaging section archived 1,813 cases in the calendar year 2021. In 2021, 21 videos were processed.



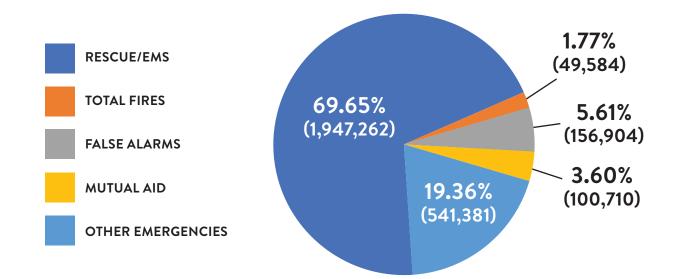
Crime laboratory Analyst Amy Pearson sorting evidence for transfer and return after its analysis



Analyst Sam Blittman FABC discussing the proper use of the FTIR Instrument in Identifying Pure Organic Compounds

# **SUMMARY STATISTICS**

In 2021, Fire departments responded to a total of 2,795,841 incidents, which generated slightly lower requests for fire department services than 2020. Total fire response incidents decreased slightly by **0.81%** and total dollar loss increased slightly by **8.45%** based on 2021 data. The number of fire departments that reported to the Florida Fire Incident Reporting System (FFIRS) was **372**, which is an increase of 9.73% from the previous year.

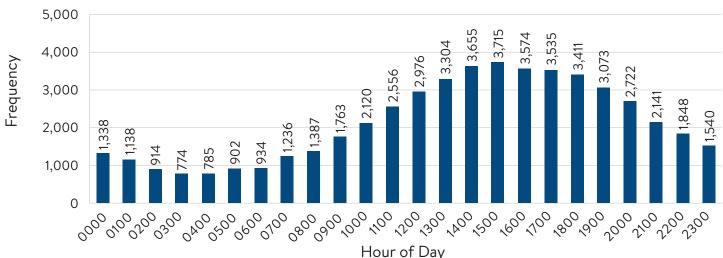


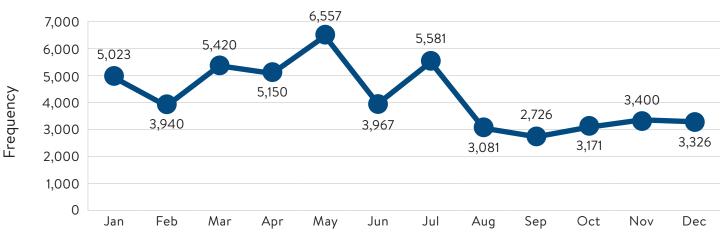
TOTAL FIRES	2021 Incidents Five Year Average			
MUTUAL AID	2021 Incidents Five Year Average	100,710 81,531		
FALSE ALARMS	2021 Incidents Five Year Average	156,904 161,053		
OTHER EMERGENCIES	2021 Incidents Five Year Average		541,381 536,502	
RESCUE/EMS	2021 Incidents Five Year Average			1,947,262

Fire Incident/Type	2021 Incidents	Five Year Average	Percentage Difference
Rescue/EMS	1,947,262	2,051,435	-5%
Other Emergencies	541,381	536,502	1%
False Alarms	156,904	161,053	-3%
Mutual Aid	100,710	81,531	19%
Total Fires	49,584	54,531	-10%

NIFRS is the source of this data which was provided by the reporting fire departments.

## FIRE RELATED INCIDENTS BY HOUR, MONTH, AND QUARTER FIRE RELATED INCIDENTS BY HOUR OF THE DAY





NIFRS is the source of this data which was provided by the reporting fire departments.



Palm Beach County

FIRES BY MONTH OF THE YEAR

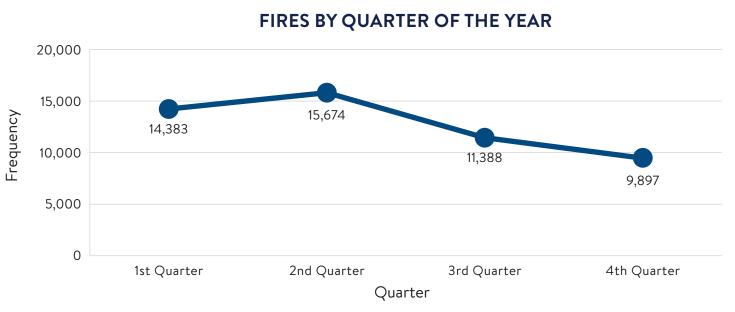
Month



North Fort Myers



Hillsborough Cty Fire Rescue



NIFRS is the source of this data which was provided by the reporting fire departments.

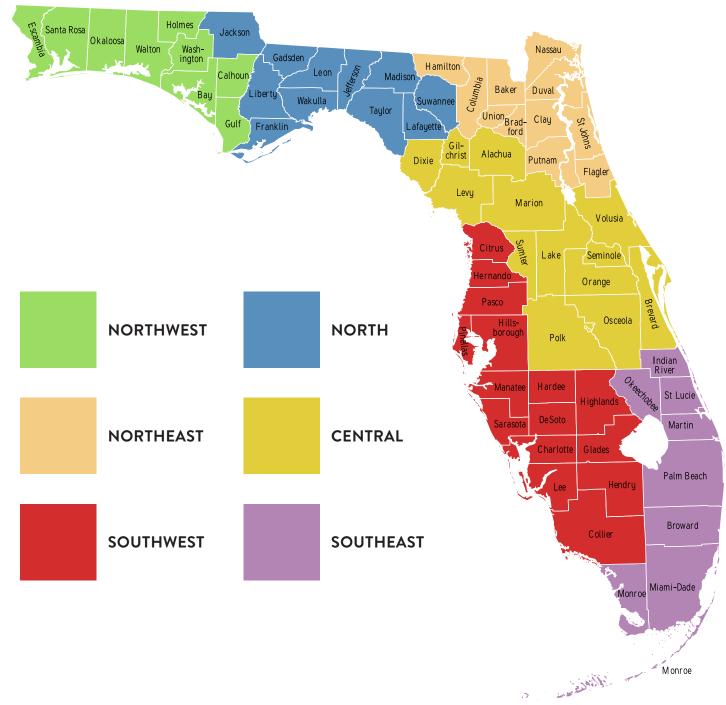


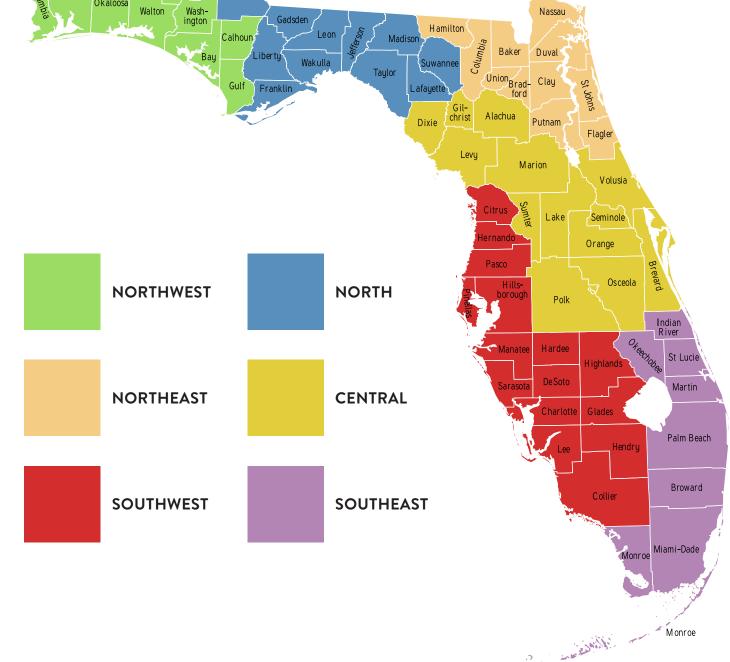
Monroe County



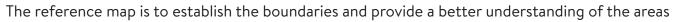
# **REGIONAL MAP**

of the data elements on the following charts.





Tampa Fire Department



## FLORIDA REGIONAL FIRE AND NON-FIRE TOTALS TYPE OF FIRE

	Region	Incidents	Mutual Aid	Total Responses
	Central	3,220	542	30,481
	North	666	143	7,337
	Northeast	1,829	303	15,764
STRUCTURE	Northwest	1,715	601	20,662
FIRES	South	1,531	386	16,127
	Southeast	2,390	106	23,940
	Southwest	2,901	631	30,972
	TOTAL	14,252	2,712	145,283
	Central	1,838	126	14,554
	North	533	98	4,777
	Northeast	1,389	85	9,146
VEHICLE	Northwest	722	105	5,949
FIRES	South	1,032	149	8,762
	Southeast	1,993	34	15,889
	Southwest	1,704	83	12,271
	TOTAL	9,211	680	71,348
	Central	5,207	400	42,411
	North	1,285	147	13,205
ATUER	Northeast	3,973	225	27,976
OTHER	Northwest	2,076	326	19,648
FIRES	South	3,644	553	33,858
	Southeast	4,672	55	29,661
	Southwest	5,264	224	36,097
	TOTAL	26,121	1,930	202,856
	Central	75	0	514
	North	40	0	304
	Northeast	20	0	177
EXPOSURE	Northwest	45	0	300
FIRES	South	61	0	436
	Southeast	111	0	901
	Southwest	209	0	1,056
	TOTAL	561	0	3,688
GRAND	TOTAL	50,145	5,322	423,175

NIFRS is the source of this data which was provided by the reporting fire departments.

AL	<u> </u>	OTH	IER	CAL	LS
ЛЦ			ILIU	UNL	LU.

	Region	Incidents	Mutual Aid	Total Responses
	Central	35,438	880	230,967
	North	3,099	106	20,417
	Northeast	18,473	508	112,079
FALSE	Northwest	8,836	254	52,082
ALARMS	South	17,527	1,728	131,333
	Southeast	45,828	101	324,335
	Southwest	27,703	635	163,600
	TOTAL	156,904	4,212	1,034,813
	Central	123,885	9,328	865,843
	North	17,886	491	101,526
	Northeast	75,905	3,122	471,327
OTHER	Northwest	29,643	1,585	187,29
CALLS	South	77,524	11,628	595,376
	Southeast	114,395	1,312	847,714
	Southwest	102,143	5,706	734,063
	TOTAL	541,381	33,172	3,803,140
	Central	432,178	14,570	3,005,280
	North	39,077	1,032	223,76
	Northeast	222,362	9,035	1,541,159
RESCUE	Northwest	66,995	1,926	440,30
EMS	South	225,064	21,792	1,616,11
	Southeast	447,390	2,166	3,375,850
	Southwest	514,196	7,483	13,171,813
	TOTAL	1,947,262	58,004	23,374,275
GRAN	ID TOTAL	2,645,547	95,388	28,212,228

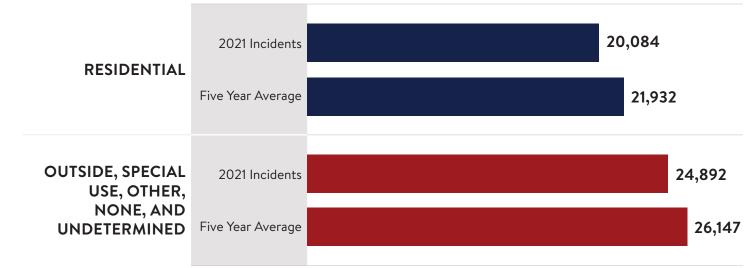
NIFRS is the source of this data which was provided by the reporting fire departments.



The Villages

Tampa Fire Department

# TOTAL FIRES COMPARED TO FIVE YEAR AVERAGE BY PROPERTY USE



NIFRS is the source of this data which was provided by the reporting fire departments.



The	Villages	
-----	----------	--

	dormitory/other residential		21 Incidents	16				
RES			ear Average	33				
HOTELS/BC		202	21 Incidents	425				
HOTELS/BC	JARDING	Five Ye	ear Average	391				
MULTIFAMILY D		202	21 Incidents		3,794			
(APAR	RTMENTS)	Five Ye	ear Average		4,125			
SINGLE FAMILY D (MOBILE HOMES/RES	SINGLE FAMILY DWELLING		21 Incidents				15,849	
•	GARAGE)	Five Ye	ear Average				17,382	
	2021 In	cident	Five Year A	verage	Difference	2021 Dollar Loss	Five Year Average	Difference
Dormitory/Other Residential	16	6	33		-106.3%	\$193,500	\$254,886	-31.7%
Hotels/Boarding	42	25	391		8.0%	\$6,677,972	\$4,178,882	37.4%
Multifamily Dwelling	3,79	94	4,125	,	-8.7%	\$41,474,112	\$43,576,741	-5.1%
Single Family Dwelling	15,8	49	17,382	2	-9.7%	\$223,767,256	\$208,388,464	6.9%

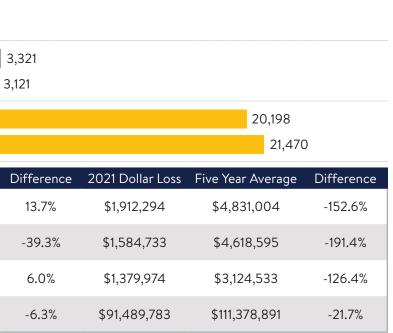
### OUTSIDE, SPECIAL USE, OTHER, NONE, AND UNDETERMINED

	2021 Incidents	670		
PROPERTY USE, OTHER	Five Year Average	578		
NONE (NON-BUILDING	2021 Incidents	703		
STRUCTURES)	Five Year Average	979		
	2021 Incidents			
UNDETERMINED	Five Year Average		(1)	
OUTSIDE OR SPECIAL	2021 Incidents			
PROPERTY	Five Year Average			
2021 Incident Five Year Average				

	2021 Incident	Five Year Average
Property Use, Other	670	578
None	703	979
Undetermined	3,321	3,121
Outside or Special Property	20,198	21,470

NIFRS is the source of this data which was provided by the reporting fire departments.

### RESIDENTIAL



On June 24, 2021, statewide, national, and international assets responded to Surfside, Florida in the aftermath of the partial collapse of the Champlain Towers South condominium. The pancake-type collapse involved 72 of the 136 units in the concrete and steel-reinforced structure built in 1981. The Miami-Dade Fire Rescue, State Fire Marshal's office, Florida Division of Emergency Management, Florida Fire Chiefs' Association, State Emergency Response Plan, Florida's eight Urban Search and Rescue (US&R) teams, and the Mental Wellness coalition all worked 24 hours a day for 30 days to search for victims, assist with survivors, and bring resolve to the families of the 98 victims.



# SURFSIDE



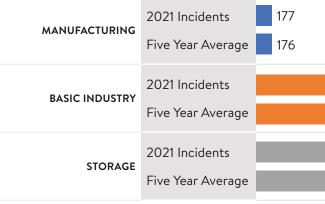
# TOTAL FIRES COMPARED TO FIVE YEAR AVERAGE BY PROPERTY USE



#### NIFRS is the source of this data which was provided by the reporting fire departments.



Hillsborough County Fire Rescue



	Five Ye	ar Average	176				
BASIC INDUSTRY	2021 lr	ncidents		1,2	.57		
BASIC INDUSTRY	Five Ye	ar Average		1,107			
STORAGE	2021 lr	ncidents		1,2	286		
STORAGE	Five Year Average		1,20	)5			
2021 Ir	icident	Five Year A	verage	Difference	2021 Dollar Loss	Five Year Average	Difference
Manufacturing 17	7	176		0.6%	\$6,223,448	\$8,294,691	-33.3%
Basic Industry 1,2	57	1,107		11.9%	\$18,639,463	\$7,612,463	59.2%
Storage 1,2	86	1,205		6.3%	\$55,682,163	\$41,887,039	24.8%

EDUCATIONAL	2021 Incident	s 160				
EDUCATIONAL	Five Year Ave	rage 211				
HEALTH CARE	2021 Incident	s 28	32			
(INSTITUTION)	Five Year Ave	rage 33	31			
ASSEMBLY	2021 Incident	s	1,2	229		
AJJEMBEI	Five Year Ave	age	1,	253		
MERCANTILE (EATING,	2021 Incident	s		1,983		
DRINKING, STORES, OFFICES)	Five Year Ave	rage		2,101		
2021 In	cident Five \	′ear Average	Difference	2021 Dollar Loss	Five Year Average	Difference
Educational 16	0	211	-31.9%	\$511,663	\$1,818,984	-255.5%
Health Care 28	2	331	-17.4%	\$1,391,978	\$2,970,927	-113.4%
Assembly 1,22	29	1,253	-2.0%	\$11,177,499	\$16,628,929	-48.8%
Mercantile 1,98	83	2,101	-6.0%	\$31,437,793	\$36,746,282	-16.9%

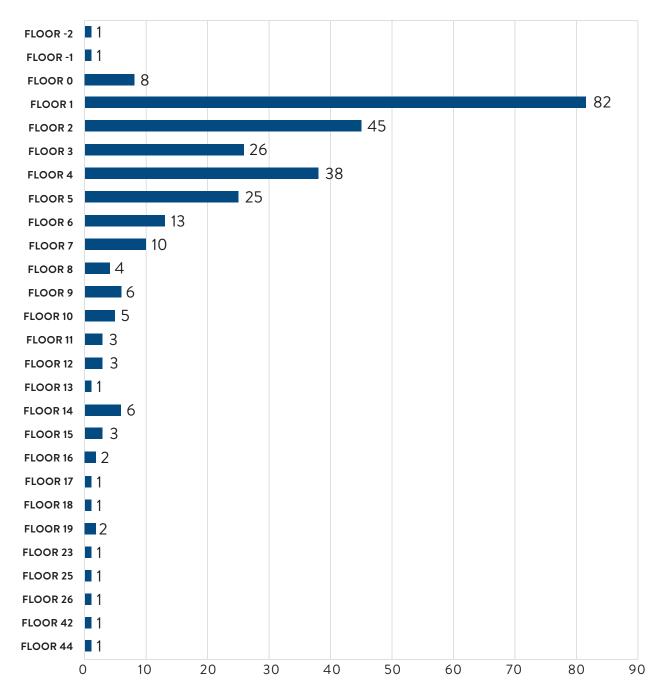
NIFRS is the source of this data which was provided by the reporting fire departments.

### INDUSTRIAL/STORAGE

### **PUBLIC FACILITIES**

## FREQUENCY AND NUMBER OF CIVILIAN & FIRE SERVICE INJURIES IN HIGH RISE STRUCTURE FIRES

The term "high-rise building" means a building that is greater than 75 feet in height where the building height is measured from the lowest level of fire department access to the floor of the highest occupiable level.



NIFRS is the source of this data which was provided by the reporting fire departments.

# FLORIDA WILDFIRES BY REGION **AND ACRES BURNED**

REGION	TOTAL FIRES	0.1-0.2 ACRES	0.3-9 ACRES	10-99 ACRES	100-299 ACRES	300-999 ACRES	1000-4999 ACRES	5000 AND UP
All Counties	1,814	24.8%	55.7%	16.3%	1.7%	1.2%	0.2%	.02%
Central	272	17.6%	54.4%	22.8%	2.9%	1.5%	0.7%	0.0%
North	278	51.4%	42.4%	5.8%	0.4%	0.0%	0.0%	0.0%
Northeast	329	26.1%	64.4%	9.1%	0.0%	0.3%	0.0%	0.0%
Northwest	176	21.0%	65.3%	12.5%	1.1%	0.0%	0.0%	0.0%
South	389	23.9%	57.6%	15.2%	2.3%	1.0%	0.0%	0.0%
Southeast	85	3.5%	45.9%	36.5%	3.5%	5.9%	1.2%	3.5%
Southwest	285	13.7%	54.0%	26.3%	2.8%	2.8%	0.4%	0.0%



REGION	TOTAL ACRES	0.1-0.2 ACRES	0.3-9 ACRES	10-99 ACRES	100-299 ACRES	300-999 ACRES	1000-4999 ACRES	5000 AND UP
All Counties	75,819	.01%	3.0%	10.8%	6.8%	14.9%	8.8%	55.7%
Central	8,496	0.1%	3.7%	21.5%	14.6%	27.0%	33.3%	0.0%
North	891	1.9%	25.6%	56.4%	16.1%	0.0%	0.0%	0.0%
Northeast	2,077	0.5%	20.8%	6.3%	0.0%	32.4%	0.0%	0.0%
Northwest	1,124	0.4%	21.6%	51.3%	26.7%	0.0%	0.0%	0.0%
South	6,169	0.2%	8.2%	25.1%	28.1%	38.5%	0.0%	0.0%
Southeast	47,878	0.0%	0.3%	1.9%	0.9%	4.6%	4.2%	88.2%
Southwest	9,185	0.1%	4.5%	19.7%	14.4%	41.4%	20.0%	0.0%

FLORIDA DIVISION OF STATE FIRE MARSHAL

### PERCENTAGE OF TOTAL FIRES

Hillsborough County Fire Rescue

### PERCENTAGE OF TOTAL ACRES

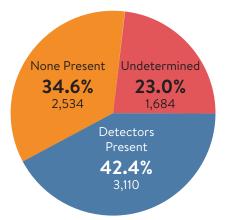
# AREA OF ORIGIN AND FIRE CAUSE FOR RESIDENTIAL STRUCTURES



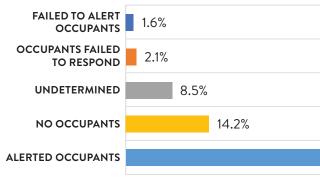
# **SMOKE ALARM USE DATA**

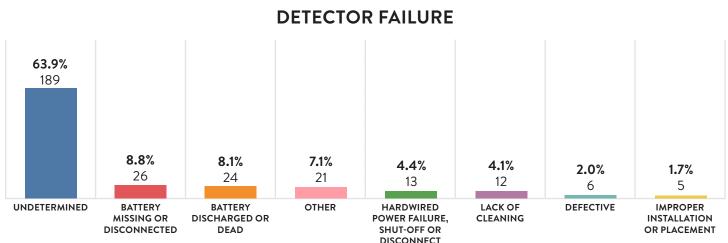
Smoke detectors were present in 42 percent of reported structure fires, in which the presence or absence of detectors were reported, with 64 percent of those operational. 24 percent reported as undetermined and 7 percent did not operate due to a variety of reasons such as no batteries, lack of maintenance, etc. In 12 percent, the fire was too small for the detector to operate. Unfortunately, 35 percent of the structures did not have smoke detectors and 23 percent of the structures reported as undetermined.

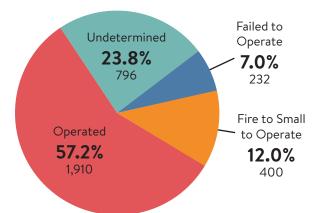
#### DETECTOR PRESENT



### DETECTOR EFFECTIVENESS







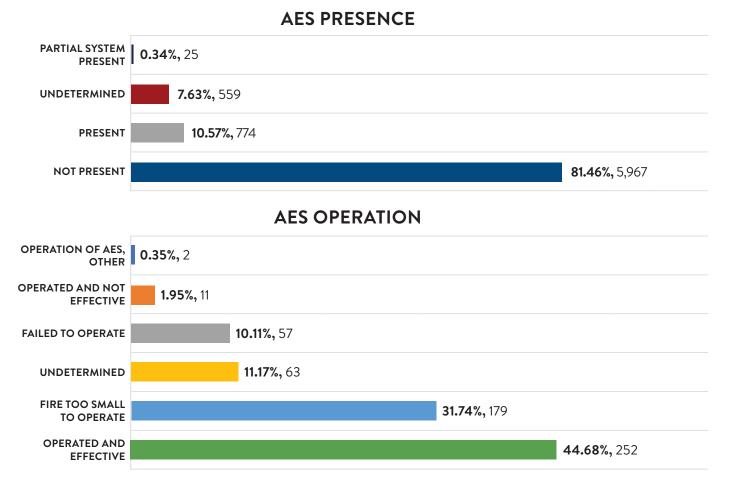
DETECTOR OPERATIONS

	73.6%

NIFRS is the source of this data which was provided by the reporting fire departments.

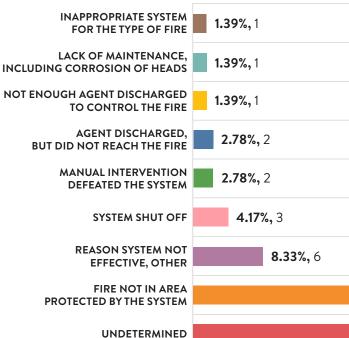
# FIRE SPRINKLER USE DATA

Automatic Extinguishing System (AES) were present in 11 percent of reported structure fires with 45 percent of those operational. 8 percent were reported as undetermined and 7 percent did not operate due to a variety of reasons, such as manual intervention, agent discharge but did not reach the fire, ect. In 32 percent of structure fires, the fire was too small to activate the fire sprinkler. Unfortunately, in 81 percent of the structure fires there was not an AES present and 8 percent were reported as undetermined.



NIFRS is the source of this data which was provided by the reporting fire departments.





#### NIFRS is the source of this data which

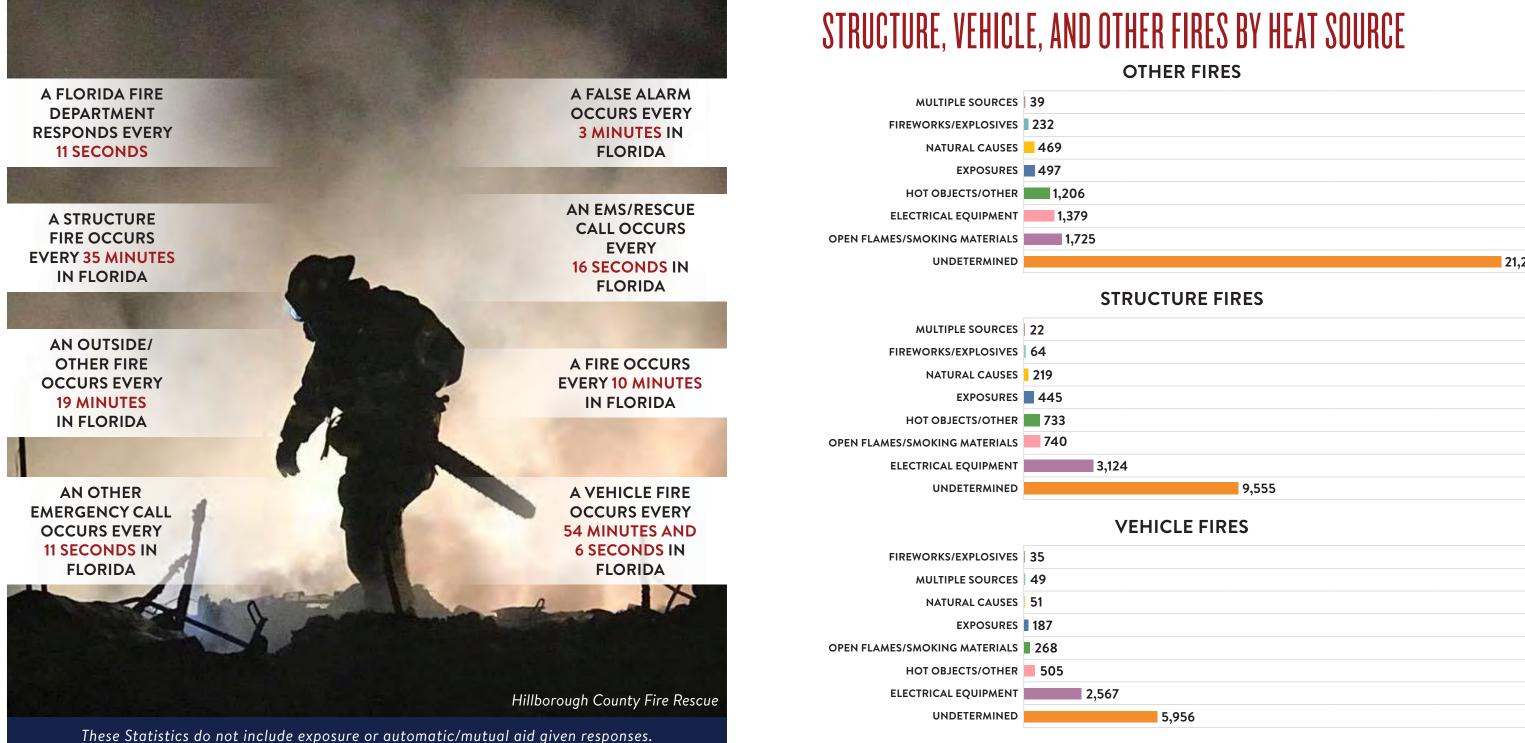


FLORIDA DIVISION	<b>OF STATE FIRE</b>	MARSHAL
------------------	----------------------	---------

AES FAILURE
<b>3%</b> , 6
<b>31.94%,</b> 23
<b>45.83%,</b> 33
hich was provided by the reporting fire departments.

St. Petersburg

## **AVERAGE RESPONSE FREQUENCIES REPORTED BY FLORIDA FIRE DEPARTMENTS**



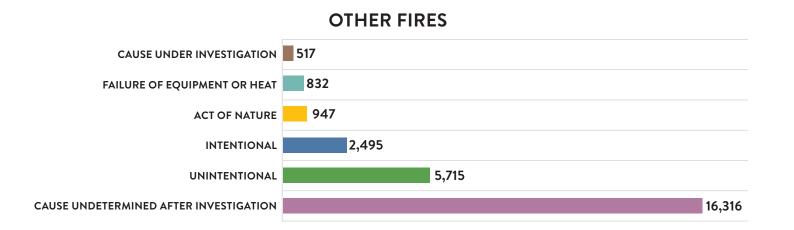
NIFRS is the source of this data which was provided by the reporting fire departments.

# HEAT SOURCE AND **CAUSE OF IGNITION**

21,275

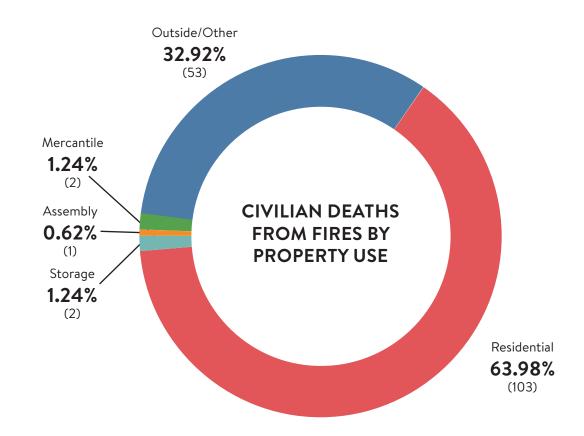
**FLORIDA FIRES 2021 ANNUAL REPORT** 

### STRUCTURE, VEHICLE, AND OTHER FIRES BY CAUSE OF IGNITION



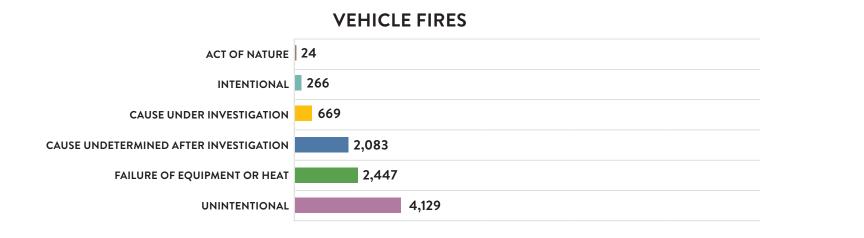
# **CIVILIAN DEATHS FROM FIRES**

There were 161 civilians that died in 2021 from fire related incidents based on data received from the Department of Health, Vital Statistics Section. This represents a 6.024% decrease in total fire related deaths compared to 2020. The following graph depicts the property that the incident took place.



#### ACT OF NATURE 228 INTENTIONAL 487 CAUSE UNDER INVESTIGATION 1,079 FAILURE OF EQUIPMENT OR HEAT 1,328 UNINTENTIONAL 5,016 CAUSE UNDETERMINED AFTER INVESTIGATION 6,764

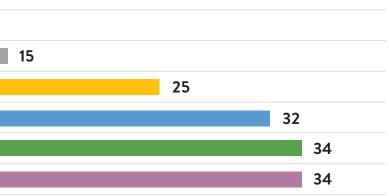
STRUCTURE FIRES



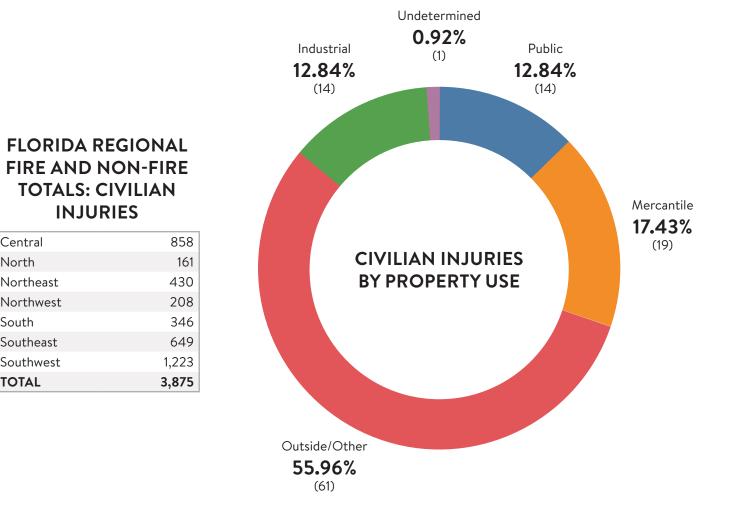
NORTHWEST 9 12 NORTH SOUTH SOUTHWEST CENTRAL NORTHEAST SOUTHEAST

NIFRS is the source of this data which was provided by the reporting fire departments.

### **CIVILIAN DEATHS BY REGION**



# **CIVILIAN INJURIES FROM** FIRES BY PROPERTY USE

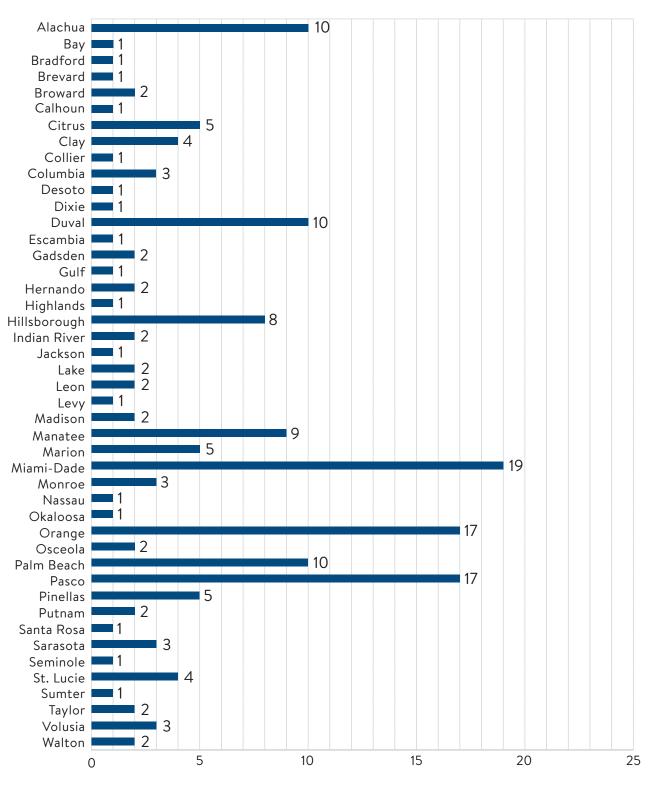


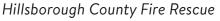


Hillsborough County Fire Rescue



There were **161** fire related deaths reported for 2021 based on the data received from Department of Health, Vital Statistics Section. This graph depicts the counties in which the death occurred. If the county is not on this chart then there were no deaths to report.





Central

Northeast

Northwest

Southeast

Southwest

TOTAL

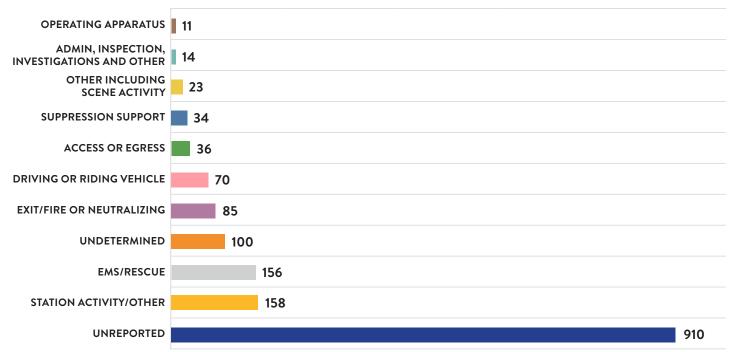
North

South

## FIREFIGHTER INJURIES **VS. NUMBER OF INCIDENTS**

Firefighters throughout Florida deal with a variety of hazards while preforming their duties. These hazards include, but are not limited to, smoke inhalation, burns, straining body parts, exposure to chemicals and stress.

#### ACTIVITY AT TIME OF INJURY



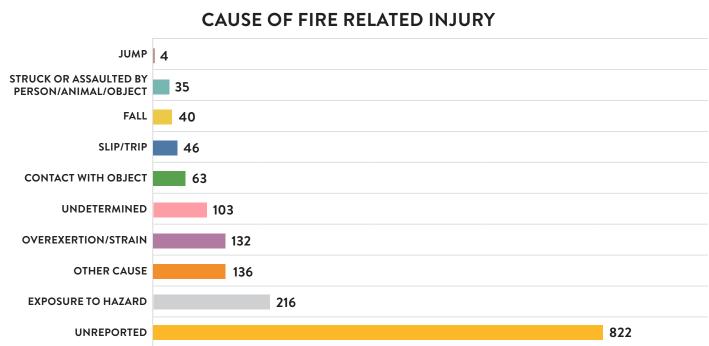
NIFRS is the source of this data which was provided by the reporting fire departments.



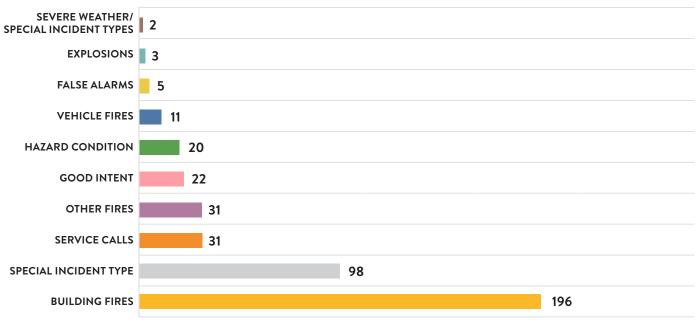
Tampa Fire Department



Tampa Fire Department



### **INCIDENT TYPES RESULTING IN INJURIES**



NIFRS is the source of this data which was provided by the reporting fire departments.

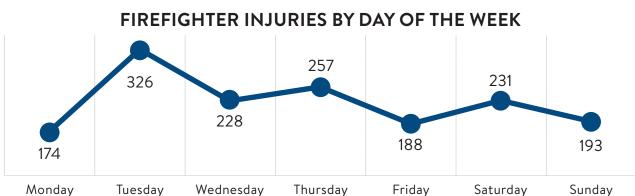
## **RE INCIDENTS AND FIRE SERVICE INJURIES BY HOUR OF THE DAY**

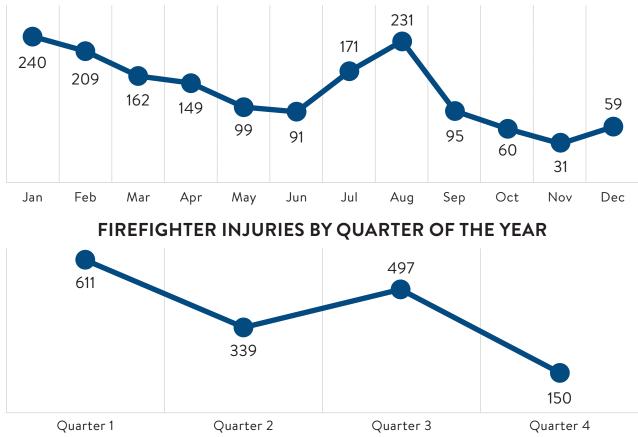
#### FIRE INCIDENTS BY HOUR OF THE DAY 5,000 3,443 3,391 3,49. 3,367 3,264 4,000 3,142 944 814 Frequency 3,000 058 Ń C 1.682 I,782 2,000 1,242 1,178 1,077 898 876 832 746 38 1.000 0 0000 ,10,10,300 FIRE SERVICE INJURIES BY HOUR OF THE DAY 700 122 600 113 102 Ò 500 Frequency 400 300 48 43 200 26 $\infty$ 100 0 0000

NIFRS is the source of this data which was provided by the reporting fire departments.

## FIREFIGHTER INJURIES DAY, MONTH, RTFR NF 1

THE GRAND TOTAL FOR THE FIREFIGHTER INJURIES FOR THE YEAR IS 1,597





### FIREFIGHTER INJURIES BY MONTH OF THE YEAR

NIFRS is the source of this data which was provided by the reporting fire departments.

#### **FLORIDA FIRES 2021 ANNUAL REPORT**





#### **ALACHUA COUNTY**

Alachua County Fire Rescue Gainesville Fire Rescue Lacrosse Fire Department Melrose VFD Micanopy Fire Rescue Newberry Fire Rescue Windsor FD

#### **BAKER COUNTY**

Baker County Fire Rescue City of Macclenny

#### **BAY COUNTY**

**Bay County Emergency Services** Callaway FD Lynn Haven Fire & Emergency Mexico Beach Dept P S Panama City Airport FD Panama City Beach Fire Rescue Panama City Fire Dept Parker Fire Department Springfield Fire Department

#### **BRADFORD COUNTY**

Starke Fire Department

#### **BREVARD COUNTY**

Brevard County Fire Rescue Canaveral F/R Cocoa FD

Coconut Creek Fire Rescue Indian Harbour Beach Vol FD Indialantic Fire Dept Kennedy Space Ctr Fire Rescue Malabar Fire Rescue Melbourne Fire Department Palm Bay Fire Department Pembroke Pines Fire Rescue Rockledge Fire & Emer Services Satellite Beach FD Titusville Fire & Emergency

#### **BROWARD COUNTY**

Broward County FR & EMS Coral Springs Fire Dept. Davie Fire Rescue Hallandale Beach Fire Rescue Hollywood Fire Rescue Lauderdale by the Sea VFD Lighthouse Point Fire Rescue Margate Fire Rescue Miramar Fire Rescue Oakland Park Fire Rescue Plantation FD South West Ranches Vol Sunrise Fire Rescue Tamarac Fire Department

#### **CALHOUN COUNTY**

Blountstown FD Kinard Vol FD

Magnolia VFD Mossy Pond Vol Fire Dept

#### **CHARLOTTE COUNTY**

Charlotte County Fire/EMS Punta Gorda FD

#### **CITRUS COUNTY**

Citrus County Fire Services Crystal River Fire Department

#### **CLAY COUNTY**

Clay County Public Safety Dept Orange Park FD

#### **COLLIER COUNTY**

Greater Naples F/R Dist Immokalee Fire Dept Marco Island FCD Naples FD North Collier FCR Dist

#### **COLUMBIA COUNTY**

Columbia County Fire Dept Lake City FD

**DIXIE COUNTY Dixie County Emergency Services** 

**DUVAL COUNTY** Jacksonville Fire Rescue



**ESCAMBIA COUNTY** Escambia County FR Pensacola Fire Dept

#### **FLAGLER COUNTY**

Campbellton VFD Flagler Beach Fire Rescue Flagler County Fire Services Ft. Meade Fire Dept Palm Coast Fire Rescue Sanibel Fire Rescue

#### **FRANKLIN COUNTY**

Apalachicola FD St. George Island VFD

#### **GADSDEN COUNTY**

Chattahoochee VFD City of Quincy Fire Department Concord Vol Fire Dept Florida State Hospital Greensboro VFD Greenshade - Dogtown VFD Havana Fire Dept Mt. Pleasant Vol FD Robertsville Vol FD Sycamore VFD Wetumpka Vol Fire Dept

**GILCHRIST COUNTY** Trenton Fire Rescue

#### **GLADES COUNTY** Fort Walton Beach Fire Dept Glades County Vol FD

**GULF COUNTY** Gulf County Beach VFD Highland View Vol FD

#### HAMILTON COUNTY

Bellville Fire Department Crossroads Vol Fire Dept Genoa Vol Fire Dept Hamilton County Jasper FD Jennings Vol FD White Springs FD

### HARDEE COUNTY

Hardee County Fire/Rescue

#### **HENDRY COUNTY**

Labelle Vol FD Montura Fire Department Pioneer Volunteer Fire Dept Seminole Tribe Fire Rescue

#### **HERNANDO COUNTY**

Brooksville Fire Dept Hernando County Fire Rescue

#### **HIGHLANDS COUNTY**

Avon Park FD Highlands County Fire Admin Sebring FD

#### HILLSBOROUGH COUNTY

Hillsborough County Fire Rescue Plant City Fire Rescue Tampa Fire Rescue Temple Terrace Fire Dept

#### FLORIDA DIVISION OF STATE FIRE MARSHAL

The Villages

#### HOLMES COUNTY

Bonifay Esto FD Gritney Vol Fire Department New Hope Vol FD Pittman VFD Ponce de Leon Fire Department

#### **INDIAN RIVER COUNTY**

Indian River County Fire Rescue Indian River Shores PS

#### JACKSON COUNTY

Alford VFD City of Marianna FR Compass Lake in the Hills VFD Cottondale Vol FD Dellwood Vol Fire Dept Graceville Vol FD Grand Ridge Vol Fire Dept Malone Vol FD Sneads Vol Fire Dept

#### **JEFFERSON COUNTY**

Jefferson Couty Fire Rescue Wacissa Vol FD

#### LAFAYETTE COUNTY

Lafayette County Fire Dept

#### LAKE COUNTY

Clermont FD Eustis Fire Department Fruitland Park Groveland Fire Department Lake County Fire Rescue Minneola Fire Rescue Mt. Dora FD Tavares Fire Dept Umatilla FD

#### LEE COUNTY

Alva Fire Control & Rescue Dist **Bayshore Fire Rescue District** Boca Grande Fire Control Dist Bonita Springs FCRD Cape Coral Fire Rescue & EMS Captiva Fire Control Dist Estero Fire Rescue Ft. Myers Beach FCD Ft. Myers FD Ft. Myers Shore Fire & Rescue Iona Mcgregor Station Fire Dist Lehigh Acres Fire & Rescue Matlacha Pine Island FCD North Ft. Myers Fire & Rescue San Carlos Park Fire & Rescue

#### **FLORIDA FIRES 2021 ANNUAL REPORT**

South Trail Fire & Rescue Tice Fire Protection Dist Useppa Island Volunteer Fire

#### **LEON COUNTY**

Bradfordville Fire & Rescue Chaires Capitola VFD Lake Jackson Vol FD Tallahassee FD Woodville Vol Fire Dept

#### LEVY COUNTY

Bronson VFD Cedar Keys VFD Chiefland Fire Rescue Inglis Fire Dept Levy County Fire Rescue

#### LIBERTY COUNTY

Bristol City Vol FD Hosford FD

#### MADISON COUNTY

Cherry Lake Vol FR City of Madison Fire Dept Lee FD Madison County Fire Rescue

#### MANATEE COUNTY

Cedar Hammock Fire Rescue Duette Fire/Rescue Dept Longboat Key Fire Rescue Myakka Fire Dist North River Fire Dist Parrish FD Southern Manatee F/R District West Manatee Fire Rescue

#### **MARION COUNTY**

Marion County Fire Rescue Ocala Fire Dept

#### **MARTIN COUNTY**

City of Stuart Fire Rescue Jupiter Island PS Martin County Fire & Rescue

#### **MIAMI-DADE COUNTY**

City of Miami Fire Rescue Coral Gables FD Hialeah FD Miami Beach Fire Dept Miami-Dade Fire Rescue Village of Key Biscayne FR

#### MONROE COUNTY Islamorada F/R Key Largo Volunteer FD Key West FD Ocean Reef Public Safety

#### NASSAU COUNTY

Fernandina Beach Municipal FD Leesburg Fire Dept Nassau County Fire-Rescue

#### **OKALOOSA COUNTY**

Almarante Fire District Baker Fire District Blackman VFD **Crestview Fire Department** Destin Fire Control District Holt Vol Fire Dept Niceville Vol FD North Bay Fire Control Dist North Okaloosa Ocean City-Wright Fire Dept Valparaiso Vol Fire Dept

#### **OKEECHOBEE COUNTY**

Okeechobee County Fire/Rescue Okeechobee Fire Dept

#### **ORANGE COUNTY**

Apopka FD City of Ocoee Fire Dept Maitland Fire Dept Orange County Fire Rescue Orlando FD Reedy Creek Improvement Dist Winter Garden FD Winter Park Fire Dept

#### **OSCEOLA COUNTY**

Kissimmee FD Osceola County Fire/Rescue St. Cloud FR

#### PALM BEACH COUNTY

Boca Raton Fire Dept Boynton Beach Fire Rescue Delray Beach Fire Rescue Greenacres Dept Public Safety North Palm Beach DPS Palm Beach Co. Fire Rescue Palm Beach Gardens Fire Dept Palm Beach Shores Vol FD Riviera Beach Fire Dept Tequesta Fire Rescue Town Palm Beach Fire-Rescue West Palm Beach Fire Rescue



St. Petersburg Beach

#### **PASCO COUNTY**

New Port Richey Fire Dept Pasco County Fire Rescue Port Richey Fire Dept

#### **PINELLAS COUNTY**

City of Dunedin Fire Dept **Clearwater Fire Department** Gulfport Fire Department Largo Fire Rescue Lealman Fire Department Madeira Beach Fire Dept Oldsmar Fire Department Palm Harbor Spec Fire Control Pinellas Park Fire Department Pinellas Suncoast Fire Rescue Safety Harbor Fire Dept Seminole Fire Rescue South Pasadena Fire Department St. Petersburg Fire Rescue St. Petersburg Beach Fire Dept St. Petersburg/Clearwater Al Tarpon Springs Fire Department Treasure Island Fire Dept

#### **POLK COUNTY**

Auburndale Fire Dept Bartow FD Davenport VFD Haines City Fire & Rescue Lake Alfred Fire Dept Lake Wales Fire Dept Lakeland FD Polk County Fire Rescue

#### **PUTNAM COUNTY**

Crescent City Fire Dept Florahome-Grandin Vol FD Georgetwon-Fruitland VFD Hollister Vol Fire Department Interlachen Lake Estates FD Interlachen Vol FD Palatka FD Putnam County Emergency Services Riverside VFD Southwest Vol FD West Putnam Volunteer

#### SANTA ROSA COUNTY

Allentown Vol FD Avalon Fire Rescue Bagdad Vol Fire Department Fast Milton Vol FD Gulf Breeze VFD Harold Volunteer Fire Dept Holley Navarre Fire Protection Jay Volunteer Fire Department



Milton FD Munson Vol FD Navarre Beach Vol Fire Dept Pace VFD Skyline Vol FD Station 35

#### SARASOTA COUNTY

Englewood Area Fire Control D North Port Fire & Rescue Dist Sarasota County Fire Dept Sarasota-Bradenton Airport Aut

#### SEMINOLE COUNTY

Lake Mary Fire Department Longwood FD Oviedo FD Sanford Fire Department Seminole County EMS Fire Rescue

#### **ST. JOHNS COUNTY** St. Augustine FD

**ST. LUCIE COUNTY** St. Lucie County Fire Dist

#### SUMTER COUNTY Cross Creek VFD The Villages

SUWANNEE COUNTY

Branford Vol FD Live Oak FD Suwannee County FD

#### FLORIDA DIVISION OF STATE FIRE MARSHAL

Hillsborough County Fire Rescue

#### **TAYLOR COUNTY**

Perry FD Taylor County Fire Rescue

**UNION COUNTY** Union Co. Dept of Emergency Services

#### **VOLUSIA COUNTY**

City of Deland Fire Department Daytona Beach Fire Dept Daytona Beach Shores PS Deltona Fire Rescue Edgewater Fire Rescue Service Holly Hill Fire Rescue New Smyrna Beach FD Orange City Fire Department Ormond Beach Fire Dept Ponce Inlet Fire Rescue Port Orange Fire Rescue Volusia County Fire Services

#### WAKULLA COUNTY

Wakulla County Fire Rescue

#### WALTON COUNTY

Argyle Volunteer Fire Dept Defuniak Springs Fire Dept Liberty Fire District South Walton FD Walton County Fire Rescue

#### WASHINGTON COUNTY

Chipley FD Greenhead Vol Fire Dept

# GRANT AWARDS

NAME OF DEPARTMENT	ASSISTANCE REQUESTED	APPROVED AMOUNT	75%	25%
Alachua County	Extractor	\$7,449.00	\$5,586.75	\$1,862.25
Blackman Fire Dist Corp	Extractor	\$5,295.00	\$3,971.25	\$1,323.75
Boca Grand Fire Control Dist	Extractor	\$9,885.00	\$7,413.75	\$2,471.25
Bradford County	Extractor	\$4,950.00	\$3,712.50	\$1,237.50
Cape Coral Fire Departmetn	Vehicle Exhaust	\$19,200.00	\$14,400.00	\$4,800.00
City of Flagler Beach	Extractor	\$7,774.95	\$5,831.21	\$1,943.74
City of Minneola FR	Vehicle Exhaust	\$50,858.00	\$38,143.50	\$12,714.50
City of Sebring	Vehicle Exhaust	\$56,366.94	\$42,275.21	\$14,091.74
Davie Fire Rescue	Extractor	\$8,000.00	\$6,000.00	\$2,000.00
Daytona Beach FD	Extractor	\$4,197.78	\$3,148.34	\$1,049.45
Dixie County	Extractor	\$10,185.50	\$7,639.13	\$2,546.38
Edgewater Fire Rescue	Extractor	\$7,499.95	\$5,624.96	\$1,874.99
Fanning Springs Fire Dept	Extractor	\$12,400.00	\$9,300.00	\$3,100.00
Holley-Navarre Fire Dist	PPE	\$4,618.00	\$3,463.50	\$1,154.50
Holt Fire District	Extractor	\$7,268.00	\$5,451.00	\$1,817.00
Indialantic Fire Rescue	PPE	\$2,659.50	\$1,994.63	\$664.88
Inverness Fire Dept	Vehicle Exhaust	\$59,500.00	\$44,625.00	\$14,875.00
Lake Alfred Fire Dept	Extractor	\$11,250.00	\$8,437.50	\$2,812.50
Lake County Fire Rescue	Extractor	\$4,425.76	\$3,319.32	\$1,106.44
Leesburg Fire Department	Extractor	\$7,047.00	\$5,285.25	\$1,761.75
Levy Co Dept Public Safety	PPE	\$1,700.00	\$1,275.00	\$425.00
Lynn Haven Fire & Emer Svc	PPE	\$4,873.75	\$3,655.31	\$1,218.44
Madeira Beach Fire Dept	Other	\$770.00	\$577.50	\$192.50
Marion County Fire Rescue	PPE	\$22,998.00	\$17,248.50	\$5,749.50
Monroe County	PPE	\$11,704.00	\$8,778.00	\$2,926.00
North Collier Fire Cont & Res	Vehicle Exhaust	\$26,250.00	\$19,687.50	\$6,562.50
North Lauderdale FR	PPE	\$8,890.00	\$6,667.50	\$2,222.50
North Okaloosa Fire Dist	Extractor	\$7,268.00	\$5,451.00	\$1,817.00
North River Fire District	Extractor	\$8,320.00	\$6,240.00	\$2,080.00
NW FL Beaches Int'l Airport	Extractor	\$7,484.00	\$5,613.00	\$1,871.00
Ocala Fire Rescue	PPE	\$18,968.50	\$14,226.38	\$4,742.13
Ocoee Fire Dept	Vehicle Exhaust	\$10,791.00	\$8,093.25	\$2,697.75
Okaloosa Island	Vehicle Exhaust	\$58,832.00	\$44,124.00	\$14,708.00
Okeechobee County FR	PPE	\$3,081.30	\$2,310.98	\$770.33

NAME OF DEPARTMENT	ASSISTANCE REQUESTED	APPROVED AMOUNT	75%	25%
Orange City Fire Dept	PPE	\$2,749.20	\$2,061.90	\$687.30
Orange Park Fire Department	Vehicle Exhaust	\$63,866.00	\$47,899.50	\$15,966.50
Pace Fire Rescue	Extractor	\$7,010.82	\$5,258.12	\$1,752.71
Palatka Fire Dept	Extractor	\$9,500.00	\$7,125.00	\$2,375.00
Palm Coast Fire Dept	Extractor	\$7,449.00	\$5,586.75	\$1,862.25
Panama City Beach FR	Extractor	\$7,935.20	\$5,951.40	\$1,983.80
Pasco County Fire Rescue	Extractor	\$10,600.00	\$7,950.00	\$2,650.00
Polk County FR	Extractor	\$6,447.25	\$4,835.44	\$1,611.81
Safety Harbor Fire Dept	Extractor	\$5,050.00	\$3,787.50	\$1,262.50
Seminole Co Fire Dept	PPE	\$8,288.00	\$6,216.00	\$2,072.00
Skyline Fire Rescue	PPE	\$4,680.00	\$3,510.00	\$1,170.00
South Daytona	PPE	\$1,123.92	\$842.94	\$280.98
St. Petersburg Fire Rescue	Extractor	\$16,546.80	\$12,410.10	\$4,136.70
Town of Bronson	Extractor	\$4,937.25	\$3,702.94	\$1,234.31
Town of Palm Beach FR	PPE	\$2,413.20	\$1,809.90	\$603.30
Town of Ponce Inlet	Extractor	\$8,500.00	\$6,375.00	\$2,125.00
Treasure Island	PPE	\$2,356.03	\$1,767.02	\$589.01

#### NAME OF DEPARTMENT

Blountstown Fire Dept Bonifay Fire Department Escambia County Fire Rescue Gilchrist County Fire Rescue Holt Volunteer Fire Dept Inverness Fire Department Madison Fire Department Melrose Volunteer FD Monticello Volunteer FD Munson Volunteer Fire Dept Satellite Beach Fire Dept Southwest Ranches VFD Sunny Hills VFD (Washington) Union County Fire Dept Useppa Island VFD Williston Volunteer FD

#### FLORIDA DIVISION OF STATE FIRE MARSHAL

ASSISTANCE	
REQUESTED	

···· · · · · · · · · · · · · · · · · ·	
SCBA	\$43,225.00
PPE	\$21,720.00
PPE	\$10,200.00
PPE	\$15,378.40
SCBA	\$45,285.00
SCBA	\$39,325.30
SCBA	\$43,250.00
SCBA	\$39,692.20
PPE	\$5,848.36
PPE	\$16,571.45
Apparatus	\$504,000.00
SCBA	\$46,377.50
SCBA	\$39,489.70
PPE	\$15,317.75
SCBA	\$38,055.45
PPE	\$15,794.70

### EQUIPMENT

NAME OF DEPARTMENT	ASSISTANCE REQUESTED	
Calhoun County	Pumper Fire Truck	\$300,000.00
City of Macclenny	Fire Truck	\$600,000.00
City of Quincy	Aerial Ladder Replacement	\$255,340.00
Polk County	5 Freightliner Tankers	\$2,000,000.00

#### CONSTRUCTION

NAME OF DEPARTMENT	ASSISTANCE REQUESTED	
Baker County	Sanderson Community Fire Station	\$850,000.00
City of Apopka	Fire Station 6	\$1,014,623.00
City of Bristol	Volunteer Fire Station Renovation	\$780,570.00
City of Crestview	Public Training Facility	\$695,570.00
City of Jacob City	Fire Station	\$1,750,000.00
City of North Lauderdale	Fire/Rescue Training Center	\$300,000.00
Franklin County	Fort Coombs Armory Fire Sprinkler System	\$250,000
Okeechobee County	Public Safety Fire Tower Training Facility	\$500,000.00
The City of Panama City Beach Fire	Training Tower	\$608,536.00
Union County	Fire Rescue Station	\$850,000.00



Hillsborough County Fire Rescue



David L. Abernathy Walter "Pete" Gee Jeremy J. Saunders Randall M. Donaldson, Jr. William C. Donaldson Dwain S. Bradshaw Jeremy J. McKay Scott R. Neumann Anthony C. Christensen





#### FLORIDA DIVISION OF STATE FIRE MARSHAL

## **2021 FALLEN FIREFIGHTERS** 20

3	Donald DiPetrillo	2020
)	James G. Gunter	2020
	Brian S. Smith	2020
)	Lloyd Losinger	2020
3	Thomas Barber	2021
)	Michelle Clore	2021
)	Jimmy D. Riley, Jr.	2021
)	Eric M. Siena	2021
0	Herve Thomas	2021

# PUBLIC EDUCATION

























# PHOTO CONTEST WINNERS





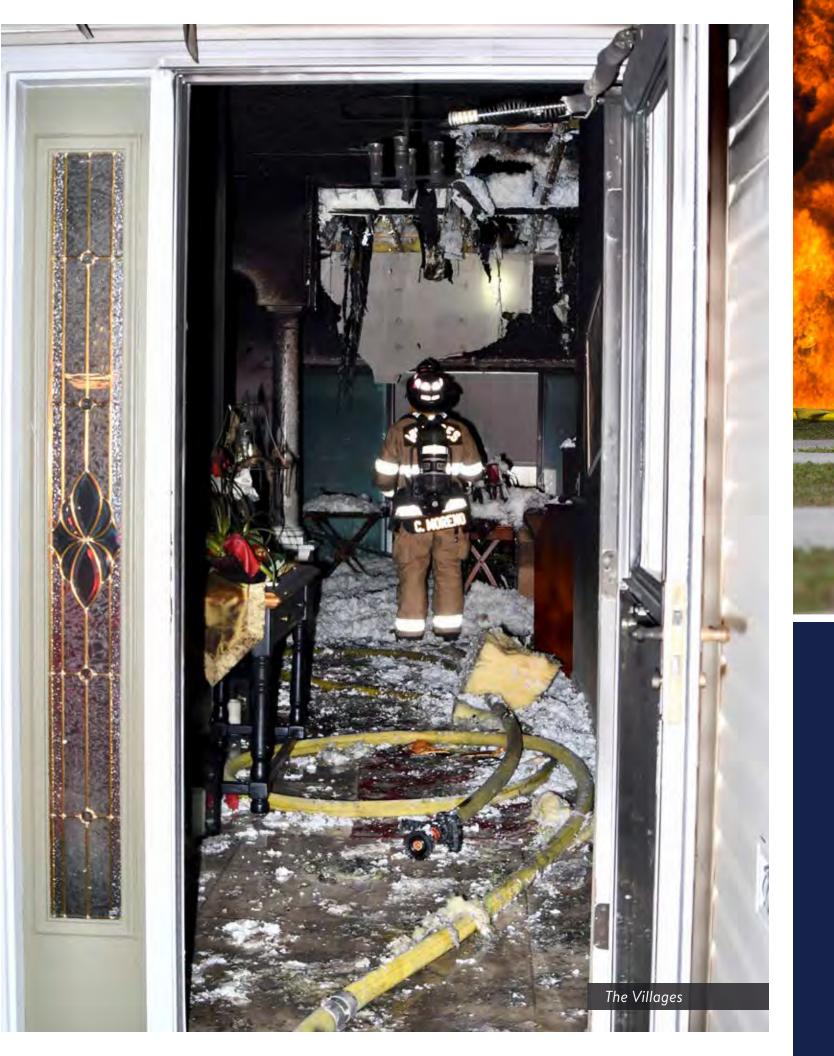




On behalf of the State Fire Marshal, we would like to congratulate the winners of the First Annual FFIRS Photo Contest. The winners are North River Fire District 1 (Cover), photographer Chantel Zandi. Hillsborough County Fire Rescue (Back Cover), and Photographer Captain Mike Zielonka with Orange County Fire Rescue Department and Member of Florida Task Force 4, Safety Officer (Centerfold Surfside 1st photo). St. Petersburg Beach (Centerfold Surfside 2nd photo)

Honorable mentions to The Villages Fire District (Inside Front Cover). Tampa Fire Department (Picture after Table of Contents), photographer Henry Williams II. The Villages Fire District (Inside Back Cover 1). Martin County Fire Rescue (inside Back Cover 2), photographer William Jones.

We would like to also thank each department that submitted a photo for the Annual Report photo contest: Hillsborough County Fire Rescue., St. Petersburg Beach Fire Department, Tampa Fire Department, The Villages Fire District, Charlotte County Fire Rescue, North River Fire District 1, , Martin County Fire Rescue, Treasure Island Fire Department, Monroe County Fire Rescue, St. Petersburg Fire Department, North Fort Myers Fire Department, Palm Beach County Fire Rescue, and the Cape Coral Fire Department. Each photo is commended, and all participation is deeply appreciated.





Martin County , Photographer William Jones

## STATE FIRE MARSHAL **"SAFEGUARDING FLORIDIANS THROUGH FIRE** PREVENTION, PROTECTION AND ENFORCEMENT"

