

FLORIDA FIRES

2012 ANNUAL REPORT



Jeff Atwater | Chief Financial Officer

STATE FIRE MARSHAL

TABLE OF CONTENTS



2012 ANNUAL REPORT

State Fire Marshal Jeff Atwater.....	1
Division Director Julius Halas.....	2
Office of the Director.....	3
Emergency Management & Response.....	4
Bureau of Fire Standards & Training.....	5
Bureau of Fire Prevention.....	12
Bureau of Forensic Fire & Explosives Analysis.....	18
Bureau of Fire & Arson Investigations.....	23

2012 FLORIDA FIRES APPENDIX

Bureau of Fire & Arson Investigations Field Operations.....	38
Florida Fire Incident Reporting System.....	42
Civilian Deaths from Fires/Civilian Deaths from Fires by Property Use.....	43
Civilian Deaths From Fires by County.....	44
Civilian Fire Deaths by Age & Sex/Civilian Injuries from Fires by Property Use.....	45
Florida Counties Fire & Non-Fire Totals.....	46
2012 Florida Wildfires by County & Acres Burned.....	50
2012 Summary Statistics.....	54
Total Breakdown of Fires by Property Use/Total State Dollar Loss.....	55
Percentage of Fires & Dollar Loss Compared to Five Year Average by Property Use.....	56
2012 Heat Source & Cause of Ignition Percentages.....	58
Total Dollar Loss, Area of Origin & Fire Cause Percentages for Residential Structures.....	60
Smoke Detector Use Data.....	61
Fire Sprinkler Use Data.....	62
Average Response Frequencies.....	63
Frequency & Number of Civilian & Fire Service Injuries in High Rise Structure Fires.....	65
2012 Fallen Firefighters.....	66
Firefighter Injuries vs Number of Fire Incidents.....	67
Fire Incidents & Firefighter Fire Related Injuries by Peak Hour & Day of the Week.....	69
Fire Incidents & Firefighter Fire Related Injuries by Month & Quarter of the Year.....	71
2012 Assistance to Firefighters' Grant Awards.....	73
2012 FFIRS Reporting Fire Departments.....	75
Outstanding Fire & Rescue Service Personnel Honored.....	79
Florida Fire Incident Reporting System Survey.....	81

FLORIDA FIRES

Division of State Fire Marshal
Florida Department of Financial Services



This report is also available in electronic format through the State Fire Marshal Section of the Florida Department of Financial Services WEBSITE ADDRESS: www.MyFloridaCFO.com/SFM



“To reduce the loss of life and property to fire and other disasters statewide through internal and external leadership, standards and training, prevention and education and fire and arson investigation.”

State Fire Marshal Mission Statement

CHIEF FINANCIAL OFFICER & STATE FIRE MARSHAL JEFF ATWATER



Dear Fellow Floridians:

Over the past few years, I have had the privilege of working with the men and women in our Division of State Fire Marshal. Every year our team works hard to improve upon their success and service to their fellow Floridians, and time and time again, they succeed. From the investigators on the ground dedicated to putting arsonists behind bars to the inspectors who are committed to making our communities a safer place to live, and from our laboratory team to personnel at the fire college, our team is exceptional.

The hard work of this team is evident in the results. In 2012, there were 55,155 fires reported to the Florida Fire Incident Reporting System. The Bureau of Fire and Arson Investigations made 552 arrests involving 434 criminal cases resulting in a 21 percent arrest rate for criminal cases investigated. These fires resulted in nearly \$69 million in property loss. With every arsonist put behind bars we know this number will drop. Tragically, in 2012, there were 162 combined civilian and firefighter fatalities and 2,069 injuries. We will continue to provide training and promote increased awareness of fire safety and prevention methods so that we can see those numbers become smaller every year.

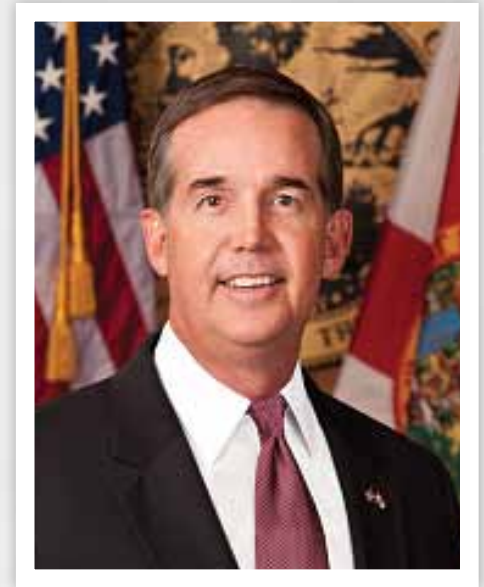
This past year, every bureau in the division was reaccredited and I applaud everyone for their contribution to this achievement. Results such as these would not be possible without the incredible dedication that each member of the entire Division of State Fire Marshal has to serving their fellow Floridians.

I am proud to serve as Florida's Chief Financial Officer and State Fire Marshal as we strive to protect Florida lives and property. No amount of accolades or gratitude would be sufficient to honor the dedication and sacrifice of Florida's brave firefighters.

Sincerely,

A handwritten signature in red ink that reads "Jeff Atwater".

Jeff Atwater
Chief Financial Officer and State Fire Marshal



JEFF ATWATER
Chief Financial Officer and
State Fire Marshal



DIVISION DIRECTOR JULIUS HALAS



JULIUS HALAS
Division Director

The Florida Division of State Fire Marshal is committed to providing an exceptional level of service to those we serve statewide. Members of our division are professionally trained and prepared to provide assistance upon request of our consumers. The division is made up of four diverse bureaus: Bureau of Fire Standards and Training, Bureau of Fire Prevention, Bureau of Forensic Fire and Explosives Analysis and Bureau of Fire and Arson Investigations, which provide specialized services to the citizens of Florida. It is my privilege as the Director for the Division of State Fire Marshal to work alongside some of the most dedicated and accomplished employees in the State of Florida.

As part of our continued commitment to accreditation efforts within the division, each of our bureaus received a site visit from our accrediting agencies in 2012. Due to the level of professionalism that is maintained by the bureaus, every section was reaccredited and received accolades for implementation of streamlined processes and exemplary on-site inspections. Accreditation is not only a designation for us; it ensures sustainment of our core mission and offers opportunities for continuing improvement of service. We know that the community we serve recognizes accreditation as a key measurement for professionalism and every bureau has attained this recognition with honors.

This past year the division participated in a very detailed regulatory review. As a result, 40 target areas were identified to establish goals and action items. This review allowed us to analyze the division and identify areas for improvement so that we are serving the citizens as efficiently and effectively as possible. Working collaboratively with the Divisions of Legislative Affairs and Legal Services ensures that we are working in partnership to meet agency goals of service to the citizens of Florida.

Under the guidance of Florida Chief Financial Officer and State Fire Marshal Jeff Atwater and his leadership team, we will continue to improve our service delivery and level of performance to Florida's residents, businesses and the fire service. I believe that a key part of our mission is active participation within your local community to identify shared concerns and develop meaningful solutions. I appreciate the opportunities I have had to attend events and meetings in your neighborhoods and I encourage you to continue to let us know when we may provide assistance to you on a local level. We are a statewide agency with one shared mission to bring to every citizen of the State of Florida: "To reduce the loss of life and property to fire and other disasters statewide through internal and external leadership, standards and training, prevention and education and fire and arson investigation."

Sincerely,

Julius E. Halas
Division Director

OFFICE OF THE DIRECTOR



ASSISTANT DIRECTOR

As another year comes to a close, it's time to reflect on the many accomplishments made by the Florida Division of State Fire Marshal in concert with Florida's Fire Services and Law Enforcement. These accomplishments will be evident as you go page by page through this annual report. All four bureaus within the division continue to achieve their individual goals while striving to increase productivity and exceed the expectations of our customers and public safety partners. The dedication of all division employees is certainly realized by their continuous efforts to get the job done each day while meeting the rigorous requirements for maintaining accreditation in all four bureaus.

To our public safety partners, I want to thank all of you and ask for your continued support of Florida's Division of State Fire Marshal as we continue to enhance and provide excellent service to the citizens of our state. Your continued support of the annual report over the years has provided the reader with comprehensive data that is sure to assist you in educating the public through fire prevention programs.

To our division employees, this annual report is a wonderful testament to your work ethic, dedication and professionalism. I'm proud of each of you.



MARK SAULS
Assistant Director

DOMESTIC SECURITY GRANT PROGRAMS

The Domestic Security Grant Program works in conjunction with various federal, state and local agencies, along with constituent groups, to support and enhance the specialized teams that provide urban search and rescue, hazardous materials response and mobile Mutual Aid Radio communication responses across the state.

The primary responsibility of the program is to help secure and administer the fire rescue allocations of the Federal Homeland Security grant funds to the eight Urban Search and Rescue teams, 29 Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) capable Hazardous Materials teams, nine Mutual Aid Radio Cache (MARC) units and local Light Technical Rescue Teams (LTRT). The program strives to support sustainment of equipment, advanced training and exercises.

In 2012, the program was challenged with grant periods shortened by the Department of Homeland Security which resulted in the near simultaneous close-out of three grant contracts: 2007, 2008 and 2009. With support from the Fire Rescue Funding Committee and local agencies, the Domestic Security Grant Program was able to reallocate a part of the residual funds to upgrade and enhance specialized equipment for the Urban Search and Rescue and Hazardous Materials teams.

In 2012, the program joined in with DEM, the Florida National Guard and staff from the Florida State Fire College to develop and fund Operation Integration



JOHN KOHNKE
Domestic Security Coordinator

IV at Camp Blanding near Starke, Florida. The exercise was designed to test various capabilities of Urban Search and Rescue, Hazardous Materials and Incident Management Teams, which traveled around the

state to utilize and test statewide protocols, team capabilities and equipment in various major incident scenarios. The exercise involved 425 personnel from 15 local and state agencies over a three-day period.

Working in conjunction with the Domestic Security Coordinator, Gayle Svec and Cynthia Maxwell manage the various contracts and sub-recipient agreements.



EMERGENCY MANAGEMENT AND RESPONSE



SHERM SASSER
Sr. Management Analyst
Supervisor

In 2012, the Division of State Fire Marshal (SFM) continued as the lead agency for Emergency Support Function 4 (Firefighting) and for Emergency Support Function 9 (Search and Rescue or SAR). These are two of the 18 Emergency Support Functions (ESF) and are a part of the State of Florida Comprehensive Emergency Management Plan (CEMP). It is the responsibility of the lead agency to provide coordination, staffing and assistance for these ESFs, both at the State Emergency Operations Center (SEOC) in a large or major event, or away from the SEOC in a minor event.

Historically, the majority of these events or potential disasters are hurricanes or wildfires, but they can be the result of a wide range of issues such as plane crashes, building collapses, explosions, tornadoes, hazardous materials and flooding.

Within the ESF and SEOC, the SFM is responsible for verifying requests for resources and information, ensuring that appropriate assistance is provided, ordering resources, tracking and documenting resources, creating cost estimates, effecting logistical support and establishing procedures. Outside of the SEOC, the personnel of the SFM perform operational duties including, but not limited to, security for teams and task forces performing firefighting or search and rescue, for law enforcement, for costing audits, for public information, and for road clearance.

Much of this coordination is accomplished through partnerships with other agencies and associations, which provide operational responses, technical assistance and staffing. Some of the major partners are the Florida Forest Service (FFS), the Florida Division of Emergency Management (DEM), the Florida Fish and Wildlife Commission (FWC), the Florida Department of Health (DOH), the Florida Department of Environmental Protection (DEP), and the Federal Emergency Management Agency (FEMA). The FFS takes the lead in wildland firefighting, the DEM manages all emergency operations and the SEOC, the FWC assists with waterborne SAR and security, DOH supports health operations including life support, DEP takes the lead in hazardous materials, and FEMA coordinates Federal assets.

Florida and ESFs 4 and 9 experienced a mild year during 2012, with limited events requiring emergency response. We always hope that there will be no major events harming our state, but work to be prepared if and when it does occur.

BUREAU OF FIRE STANDARDS AND TRAINING



Florida's Bureau of Fire Standards and Training (BFST) is one of four bureaus that make up the Division of State Fire Marshal. The BFST is housed on a fully developed campus located at the Florida State Fire College in Ocala, Florida. The overall purpose of the BFST is well defined in Florida Statute 633.44 as follows:

1. To provide professional and volunteer firefighters with needful professional instruction and training in subjects, including, but not limited to, firefighting, fire prevention and emergency operations, at a minimum of cost to them and to their employers.
2. To develop new methods and practices of firefighting and fire prevention.
3. To assist the state, county, municipal and other local governments of this state and their agencies and officers in their investigation and determination of the causes of fires.
4. To provide testing facilities for testing firefighter equipment.
5. To disseminate useful information on fires, firefighting, fire prevention and other related subjects to fire departments and others interested in such information.
6. To facilitate the promotion of public safety in the field of fire hazards and fire prevention work.

In summary, we are here to serve you—the firefighters and the fire service providers of Florida. We do that through listening to and fulfilling your needs where possible, staying

current with technology and practices, and being your advocate on important matters. We are fortunate in Florida to have strong support for what we do. Throughout 2012 we have continued our incremental improvement process in several key areas. Those areas include development of additional leadership classes for senior fire service officers, enhancement of our occupational safety programs, improving our technology to better serve you and expanding your course opportunities for national accreditation. Florida's fire service members have taught us that if we provide the tools and opportunities for betterment, they will provide our citizens and visitors with the highest levels of emergency services. In the end, we all benefit from these positive relationships.

As our state economy continues to recover, our service remains strong and our focus is still centered on better serving others. BFST is privileged to be an integral part of this legion of men and women who serve Florida. We at the Fire College look forward to working with each of you on this journey.

I am humbled and proud to be your Florida State Fire College Superintendent and Bureau Chief and I welcome the challenge of our next journey.

TRAINING SECTION

– Susan Schell,
Training Supervisor

The Florida State Fire College has four full-time instructors who coordinate the review and updates of curriculum. The full-time faculty also teaches courses at the Fire College and is supplemented by Other Personal Services (OPS) personnel who are



BARRY BAKER
Bureau Chief

subject matter experts in their field. We contract with Marion County Adult Education to provide classes in minimum standards, pump operator and Florida Urban Search and Rescue (FLUSAR) classes.

In keeping with the purpose of providing training at a minimum cost, the bureau has taken several initiatives to help during this time. The minimum class size has been decreased to ensure that those desiring training and committing their time can receive needed training. The bureau was also tasked with creating a course for Special Fire Safety Inspectors to enable transitioning to Fire Safety Inspector I-certification.

Our customers have also identified a need for national certification. As such, bridge programs have been created for firefighter and inspector certifications and will be offered in 2013.

To meet new methods and practices of firefighting and fire prevention, the bureau developed the Fire Code Administrator certification. This certification focuses on higher education and includes a portfolio method of achieving certification using experience of the inspector. Through the workshops and discussions, Florida's fire service expressed the need to have the fire officer certification aligned to mirror the NFPA's 1021 standard. At the same time, a process to move toward Fire Officer III and IV certifications was identified. This process will proceed through workshops and hearings in the spring and summer of 2013.

The two charts to the right identify the number of students who have attended the college and the number of classes offered from 2009 through 2012. While there has been a slight decrease from the 2011 statistics, there were more students and classes being offered on the campus in 2012 than in 2010.

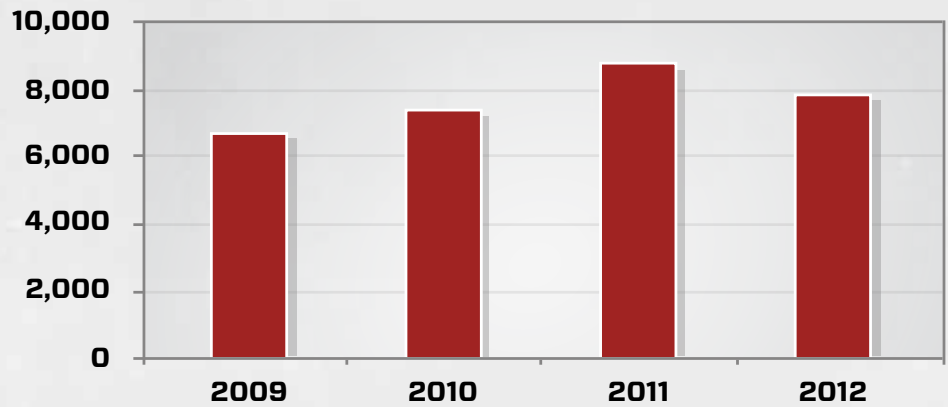
The bureau has continued to partner with the Bureau of Fire and Arson Investigations to provide current training in the field of arson investigation. Courses at both the Fire Investigator I & II levels were offered throughout the year.

The Bureau continues to offer instructional courses in conjunction with our constituents to provide new information at conferences such as Fire Rescue East, Great Florida Fire School, Northwest Volunteer Firefighter Weekend and the Instructor Professional Development Seminar.

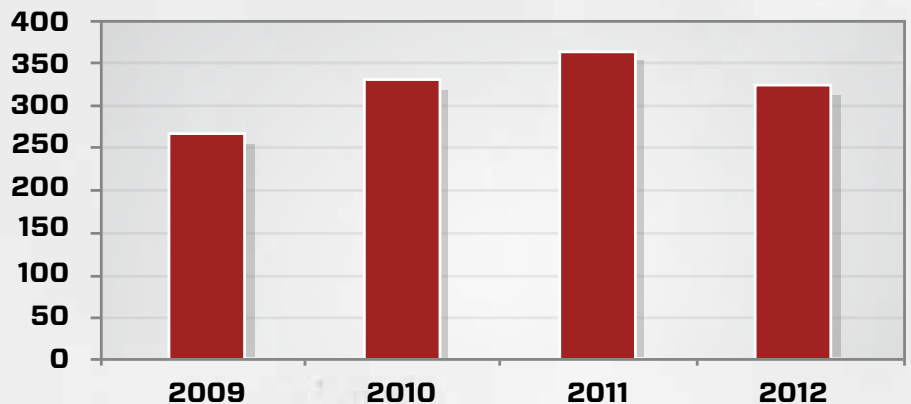
With the creation of the new State Fire Marshal website, the Training Section has been able to post the syllabus, including course objectives, so that students and instructors alike can find the current information on textbooks and learning outcomes.

Current technology is a driving force in firefighting. This includes learning technologies such as online programs. Bureau personnel have been updating

NUMBER OF STUDENTS



NUMBER OF CLASSES



their online course review skills. The bureau will be utilizing the Quality Matters process and its associated higher education rubric to review online courses to assure quality instruction for our students.

All members of the Training Section are committed to assisting emergency services personnel in achieving their personal and professional goals. We look forward to offering more training opportunities in the future to meet the needs of the fire service.

HIGHER EDUCATION

– Patrick Giacobbe,
Academic Instructor

In addition to its Standards, Training, and Safety functions, the Bureau of Fire Standards and Training provides educational leadership through its coordination of Fire Service Higher Education programs

in the state. Through its relationship and partnership with the Florida Department of Education (DOE), the National Fire Academy (NFA) and existing articulation agreements with the public and private colleges and universities, the Bureau plays an integral role in the administration and coordination of college level fire and emergency services programs. These programs, supported by the Fire and Emergency Services Higher Education (FESHE) structure, provides nationally recognized curricula, which contains developed frameworks for college degrees at the associates, bachelors, and graduate degree levels.

Another important function of BFST's Higher Education Program is to provide counseling to students wishing to pursue an associates or bachelors degree in a fire service related degree program. Many of the courses taken in pursuit of Florida fire certifications can be applied to accredited degree programs, saving time and money

for firefighters as they pursue higher education. The BFST academic instructor visits Florida State Fire College classrooms each week to offer students the opportunity for individual academic counseling.

Florida's present certification process for Fire Officer I and Fire Officer II allows supervisory fire officers to obtain national certification and college credit for courses at the associate degree level. As part of our continuing effort to assist Florida's fire service with succession planning and developing the next generation of mid-level and administrative fire officers, the Bureau has developed a Fire Code Administrator certification and is in the rulemaking process on both the Fire Officer III and Fire Officer IV certifications. The courses associated with these certifications are at the bachelor degree level. These courses will help fill an educational void that is present for mid-management and administrative level fire officers, and will allow them to obtain national and international certification while earning the appropriate college credits.

Additionally, recognizing the need for higher level critical thinking, analytical skills and executive leadership training for chief fire officers, the need for formalized senior executive development becomes paramount. The bureau is actively developing an executive level series of classes for fire chiefs in partnership with the NFA. The program is envisioned as being a nationally recognized model being delivered at the state level beginning at the Florida State Fire College. The bureau is proud of its position of developing and positioning itself to provide needed leadership skills within the national higher education framework for Florida's fire service.

URBAN SEARCH AND RESCUE/ HAZARDOUS MATERIALS

– Scott Chappell, Program Coordinator

Florida's Urban Search and Rescue (USAR) Teams and Hazardous Materials (HazMat) Teams continue to train and prepare for large scale or out-of-the ordinary events that may affect Florida and its citizens. These specially trained and equipped response teams are located throughout the state and are prepared to respond to both "no notice" events (tornadoes or terrorism) and "noticed" events (hurricanes and large events). While Florida's USAR and HazMat teams are hosted in area fire departments, these teams are coordinated by the State Fire Marshal's Office.

The need for additional instructors for hazardous materials training was identified and an International Association of Fire Fighters (IAFF) Train-the-Trainer class was provided. An instructor approval process for USAR instructors was implemented. These two initiatives increased the number of instructors. This in turn, increased the availability of course offerings throughout the state.

The coordination of Florida's USAR and HazMat Teams is accomplished through communication, partnerships and team work between the various agencies as well as the Florida Association of Search and Rescue (FASAR), the Florida Association of HazMat Responders (FLAHR), and the Florida State Emergency Response Commission (SERC). These entities work together to establish equipment cache lists, response protocols, regional training solutions, mobilization exercises and other necessary functions that come with maintaining a specialty response team. While hurricane season lasts from June through November, these teams prepare and stand ready all year long.



STANDARDS SECTION

- Dennis Hackett,
Standards Supervisor

The Standards Section has eight full-time employees who manage the Florida Fire Service Certification Programs. The full-time positions are supplemented with five Other Personal Services (OPS) personnel who assist with testing and inspections of certified training centers.

The Standards Section has responsibility for the oversight and maintenance of the Florida Fire Service Certification Programs as defined in Florida Statute and Administrative Code. A Certificate of Compliance is awarded to applicants who complete the required training, achieve a passing score on a comprehensive examination, and meet all statutory requirements for certification. The chart below reflects the number of certifications issued during the calendar year.

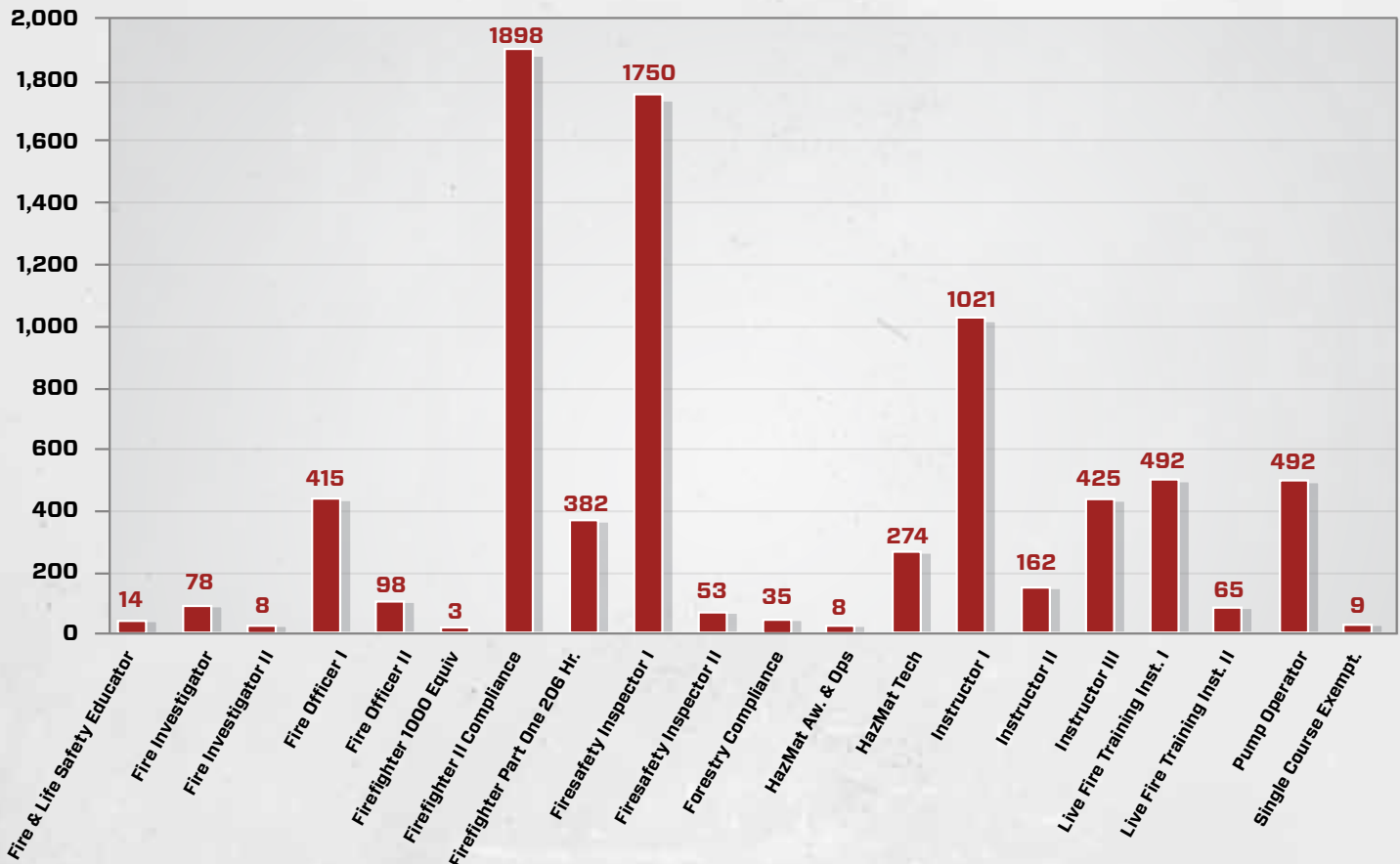
Firefighter certifications are valid as long as the individual maintains an active status with a fire department as a career employee or volunteer, with greater than six months of continuous service before their certification expiration date. A period of separation from firefighting activities that exceeds statute limitations requires that the firefighter must pass the Practical Retention Examination.

The Practical Retention Examination evaluates an applicant's ability to maintain currency with the education and skills required of a firefighter. In 2012, retention exams increased from 267 applicants to 311 applicants. Of the 311 applicants, 179 passed on their first attempt. Seventy-four of the 109 candidates who retested passed the exam. The Standards Section also manages the Firefighter Supplemental Compensation Program that awards an education incentive to the 246 fire department personnel

with qualifying degrees. In 2012, the office processed a total of \$8,175,610.72 of disbursement to participants in the program.

ProBoard accredits organizations using the National Fire Protection Association's (NFPA) professional qualifications standards and the Bureau of Fire Standards and Training is the ProBoard-accredited organization in Florida. The Board of Directors administers the system and consists of a member from the International Association of Fire Chiefs (IAFC), National Association of State Fire Marshals (NASFM), International Association of Arson Investigators (IAAI), National Fire Protection Association (NFPA), North American Fire Training Directors (NAFTD), an at-large member and the Chair of the ProBoard Advisor Committee. In 2012, Florida met ProBoard's professional qualifications for the following certifications: Incipient Industrial Fire Brigade Member, Interior Structural Fire Brigade

NUMBER OF TESTS - 01/01 - 12/31/2012



Member, Hazardous Materials Incident Commander and Marine Firefighter II.

SAFETY SECTION

– Rick Rochford,
Safety Programs Manager

The Safety Section within the Bureau of Fire Standards and Training has the responsibility of improving fire employer/employee safety relationships with the goal of reducing the incidences of firefighter accidents, occupational diseases and job-related fatalities.

The staff works cooperatively with fire departments, firefighters and insurance underwriters toward a common goal of protecting the citizens of their communities by applying the recognized state statutes and administrative codes.

The Safety Section has four field representatives and one administrative assistant who diligently respond to the needs and concerns of fire departments, firefighters and concerned citizens within the State of Florida. The field representatives offer informal safety presentations throughout the state to help provide education on Florida Statute 633.801-821, and Florida Administrative Code 69A-62.0001-.050. The goal of these informal presentations is to create an atmosphere with little intimidation while providing the main focus on keeping Florida's firefighters safe.

In 2012, the Safety Section conducted a variety of services from investigations to safety presentations. Some of the statistics of this past year included:

Inspections – An inspection is to determine compliance with the FAC Rule 69A-62 establishing safety procedures and requirements. An inspection is based upon the results of an investigation indicating possible non-compliance with the rule at the request of the department and/or complainant. Our safety representatives continue to work

with departments to improve a safety posture among its department leaders and to create an open atmosphere where they can freely contact us to answer any questions they may have. Thirty-five inspections were completed in 2012.

Investigations- If an incident involves the severe injury or fatality of a firefighter or the injuries of three or more firefighters at one incident a formal investigation is conducted that generates a report, which receives a signature of the Director of the Division State Fire Marshal and the designated bureau chief. If the injuries mentioned above do not meet the requirements, then an informal investigation or inquiry will take place to determine: (1) the cause or causes that contributed to the occurrence, (2) how to avoid injuries of that particular type, and (3) determination whether a compliance inspection is warranted. These informal investigations/inquiries continue to be our foundation toward a safety approach to assist every fire department in the State of Florida to reduce injuries and potential line-of-duty deaths. Two formal investigations and 14 informal investigations were conducted in 2012.

Safety Committee Visits/Safety Presentations - Occasionally, our safety representatives are invited to attend fire department safety committee meetings to speak about safety concerns and to host question and answer sessions. According to Florida Administrative Code 69A-62.043, these meetings should be conducted at least once each quarter and should recommend safety improvements and promote safety and health in the workplace. Another customer safety approach to fire departments across the state is the proactive safety presentations addressing Florida Statute 633.801. and 821 and Florida Administration Code 69A-62. These presentations have been very well accepted to help all department members with their responsibilities toward safety. In 2013, these safety presentations will become a mission-driven approach on a much wider

scale to help reduce occupational illness, injuries and line of duty deaths. The Safety Section made 10 safety committee visits and four safety presentations in 2012.

LINE OF DUTY DEATHS - Sadly, during 2012, the State of Florida experienced two line of duty deaths.

Pompano Beach Fire-Rescue
FIRE FIGHTER WILLIAM ELLIOT
(JANUARY 8, 2012)

Port St. Lucie Fire Protection
LIEUTENANT MARK MORRISON
(MARCH 4, 2012)

Our hearts and respect go to the departments and the families of these fallen brethren.

Lastly, our staff has attended many hours of training programs to keep abreast of current events that have affected firefighter injuries and have been able to share that information with departments that they visited.

The Safety Section is dedicated to working closely with the Florida Firefighter Cancer Support Network by bringing awareness and focus to rapidly rising cancer risks within the fire service. We are always eager to provide prevention information as well as early detection resources to the fire service personnel in hopes of preventing this dreadful disease.



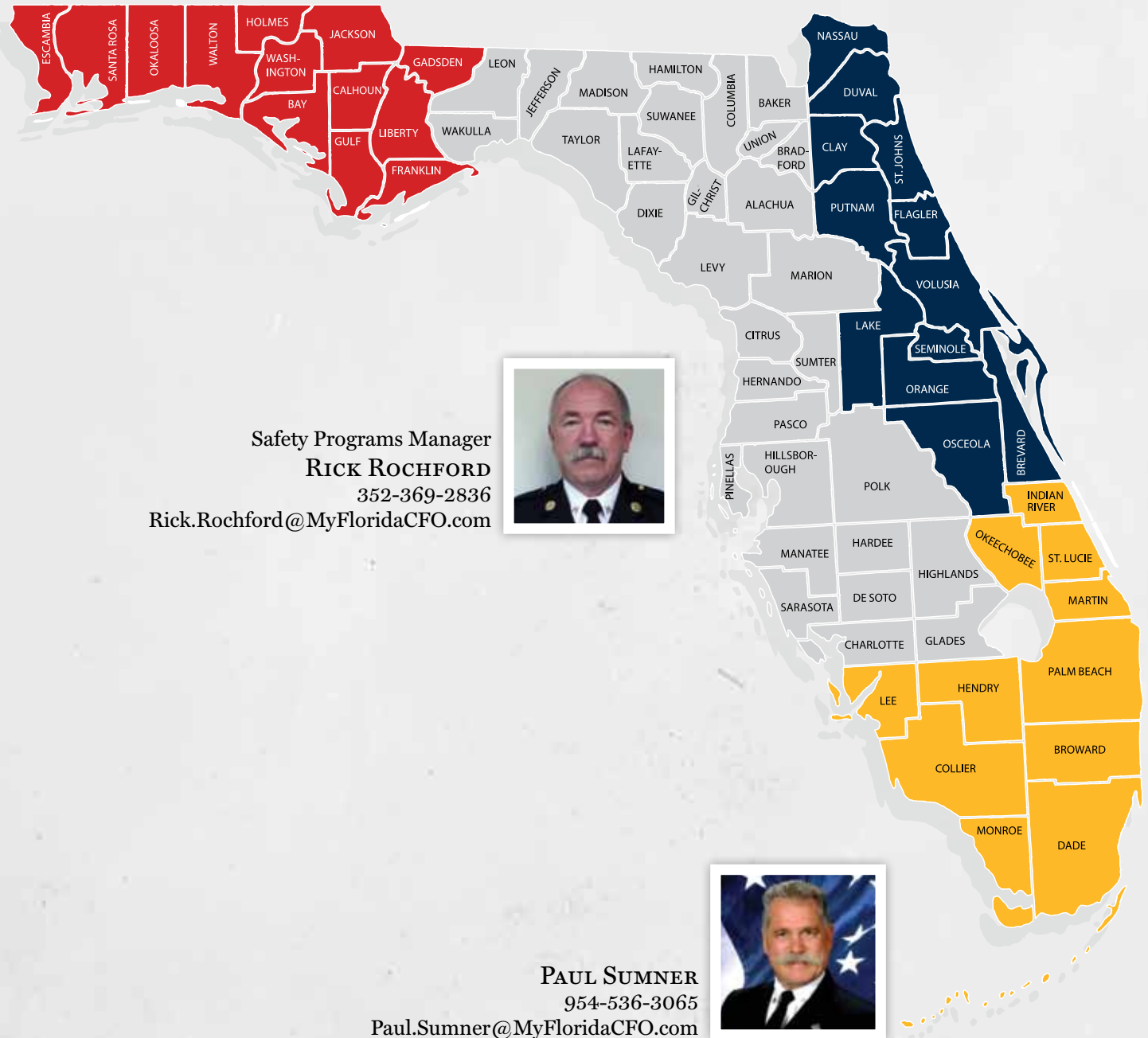
SAFETY SECTION TEAM'S GEOGRAPHICAL AREAS OF RESPONSIBILITY



TUFFY DIXON
850-585-9020
Tuffy.Dixon@MyFloridaCFO.com



CHARLES CHAPMAN
407-448-0480
Charles.Chapman@MyFloridaCFO.com



Safety Programs Manager
RICK ROCHFORD
352-369-2836
Rick.Rochford@MyFloridaCFO.com



PAUL SUMNER
954-536-3065
Paul.Sumner@MyFloridaCFO.com

STUDENT SERVICES SECTION

- Regina Saueracker, Operations Manager
- Angela Cain, Registrar

The Bureau of Fire Standards and Training, Student Services Section at the Florida State Fire College reaches out to members of fire and emergency service organizations throughout Florida. As the first line of communication, we are proud to assist students through both telephone and internet support to answer questions related to fire certifications, registration and dormitories. In addition, we provide guidance to guests on campus.

Exceptional customer service is our

main focus to ensure the learning experience at the Florida State Fire College exceeds the expectations of our students and their respective organizations. We encourage feedback from all of our students through weekly surveys to let us know if students were satisfied with their stay on campus as well as solicit information on areas we can improve. Improvements are made to the dormitory and campus as funding permits. Upcoming improvements include a remodel of the Learning Resource Center to include more work stations, webinar capability and a more comfortable environment for studying. Upgrading classroom technology is also an anticipated improvement.

In addition to serving as Registrar for the Florida State Fire College, the Student Services Section operates the

Fire College bookstore and coordinates dormitory reservations and facility availability for on-campus providers and specialty groups utilizing the Fire College for training.

The section provides administrative support to groups as needed and coordinates events with our maintenance and housekeeping teams to ensure our on campus classes and training programs are always a positive experience. Our goal is to exceed your expectations. Let us know how we are doing at: FSFC.comments@myfloridacfo.com.

In addition, please visit our website to find transcript request forms, book order forms and the most recent training schedule at: <http://www.myfloridacfo.com/division/sfm/bfst/>.





BUREAU OF FIRE PREVENTION

The Bureau of Fire Prevention (BFP) continues to center its core mission on the reduction of life loss and property damage due to fire. Compliance and enforcement programs include boiler inspections, licensure of fire-related industries, and explosives and fire code development. These are constantly updated to improve efficiency, ensure customer service and safety, and remain current with statutorily mandated changes. Our programs are managed through four functional areas: plans review, inspections, regulatory licensing and boiler safety.

Accreditation

The Bureau of Fire Prevention continues to maintain its accreditation through the International Accreditation Service, Inc., in partnership with the Center for Public Safety Excellence. All sections and the full complement of services were accredited, encompassing code enforcement (plans review and inspection), regulatory licensing (permitting), and boiler safety (inspection). This accreditation allows for outside scrutiny and review of the bureau by an

objective, qualified and standard-based organization. It helps to ensure we continue to achieve high levels of performance in delivery of all our services to the citizens of Florida. In order to assist in these goals, the bureau has initiated a number of quality assurance and quality control measures, including the initiation of a customer service survey which can be found at <http://BFP.questionpro.com>.

Efficiency Measures

We have continued our efforts to improve efficiency. Most prevalent among them is the effort to increase the mobility of our field inspectors through the use of mobile technology. The bureau has initiated a pilot program within the Boiler Safety Section to explore the use of electronic tablets in field inspections. We hope to expand the use of mobile technology to all field inspectors within the next few years.

Public Safety

We also continue to seek avenues to expand our public safety education efforts. The bureau offers fire extinguisher training to state



CASIA SINCO
Bureau Chief

employees and members of the public and is exploring methods to expand our delivery of this training. Staff have also conducted public education in the area of boiler safety as well. The bureau continues to deliver fire safety education to audiences and venues throughout the state including the Florida State Fair, Fire Prevention Week and Campus Fire Safety Week.



Staff Development and Training

The professional and administrative staff continue to complete hundreds of hours of continuing education annually to maintain concurrency with the changing conditions in the regulated industries. The bureau has continued to support initiatives by the National Fire Academy and federal assistance programs aimed at fire and life safety improvement. Newly assigned responsibilities are molded into the fabric of the bureau's diverse functional areas. Our staff continues to work with key fire service leaders in code development and interpretation in addition to serving on technical and regional code development committees, including the Florida Building Commission. In conjunction with other division personnel, the bureau's staff performs in administrative and field operational roles in support of ESF 4&9 (Firefighting and Search and Rescue) during periods of natural or man-made disasters. Although their newly learned skills may never be used, the section remains confident that the trained state employees are within their knowledge and level of expertise if ever confronted by a fire in its incipient phase.

State Fire Marshal - Compliance and Enforcement Bureau of Fire Prevention FY 2011/2012	FY 11/12
Number of boiler inspections completed by Division inspectors	1,344
Number of construction plans reviewed	570
Number of entity requests for licenses, permits and certifications processed within statutorily mandated timeframes	6,505
Number of recurring inspections completed	7,324
Number of high hazard inspections completed	7,812
Number of construction inspections completed	1,919
Number of regulatory inspections completed	1,093

BOILER SAFETY PROGRAM

- Mike Burns, Chief Boiler Inspector

The Boiler Safety Program is charged with the enforcement of the Boiler Safety Act as outlined in Chapter 554 of the Florida Statutes. The Department of Financial Services adopts by rule a State Boiler Code for the safe construction, installation, inspection, maintenance and repair of boilers installed throughout the state. The program issues annual certificates of competency to qualified applicants who work for licensed boiler insurance companies and are called special inspectors. Examinations are given on a quarterly basis to qualified individuals desiring to inspect boilers.

Mike Burns, chief boiler inspector, administers the state boiler inspection program. Boiler safety staff consist of the chief, four deputy boiler inspectors and two administrative support staff. Boiler insurance companies employ

about 140 special inspectors who conduct inspections and submit inspection reports to the Program.

Operations

At the end of 2012, there were 14,452 registered boilers in active service in various public assembly locations. For the 2012 calendar year, the program's deputy inspectors conducted 1,344 and the insurance companies' special inspectors conducted 7,443 boiler inspections, respectively, for a total of 8,787 inspections.

Code violation identification remains the top priority of our inspection efforts. There were 3,182 violations identified, many of which were related to boiler installation. Public outreach materials that address the needs of individual stakeholders such as boiler owners, maintenance personnel and contractors related to the State Boiler Code requirements have been developed and presented both in person and online.

Web Site and Public Portal

The department has revamped the MyFloridaCFO.com website and the Boiler Safety Program's landing page has improved dramatically. Any visitor to the site can easily access the Boiler Safety Act and Chapter 69A-51, FAC, which contains the Boiler Safety Rules. A section called "Meetings, Declaratory Statements, Variances and Waivers" contains documents that specifically relate to the program.

The most impactful feature is the new public portal that allows anyone interested to find the status, certificate expiration date, most recent reports and other documents related to the queried boiler. By connecting to the portal, searches may be made using up to seven specific criteria, such as address, location, jurisdiction or county. General information about the boiler can then be accessed by clicking on the file number. Tabs within the frame can then be

selected to provide further detailed information related to inspection activities, open violations, contact information, fees and documents. Certificates and invoices created since July 15, 2011, are also available for reprint as desired. Boiler owners who manage more than five boilers are encouraged to register on the site. Registration will provide them a customized list of boilers associated with their contact record and the ability to upload documents. This tool allows boiler owners to see when an inspection is due and if an inspection report has been received and processed by the division. Invoice balances are displayed as well as any open violations related to the specific boiler being reviewed. Messages and inspection requests can also be submitted online. Initial feedback from users of the system has been overwhelmingly positive. Further enhancements including online payment are on the horizon!

PLANS REVIEW SECTION

- Karl K. Thompson, Engineer IV

During 2012, the Plans Review Section reviewed over 500 projects for code compliance in new building construction alterations and renovations to existing buildings. The construction plans reviewed involved 9,817,640 square feet and cost more than \$467 million. Some of the larger projects reviewed this past year include:

- Miami Dade Tunnel
- Parkview Student Housing at Florida International University
- Fort Lauderdale Airport Runway Tunnel
- Florida Polytechnic University Science & Technology Building
- Florida International University Stadium expansion
- Johnston Annex renovation at Florida State University
- University of Florida East Campus Data Center
- Florida State University Indoor Football Practice Field
- Academic Health Center at Florida International University

Construction plans, documents and specifications reviews determine that the building conforms to a life safety plan. These plans include the means of egress and evacuation systems as well as the features of fire protection, detection, smoke management and fire suppression systems. Prescriptive and performance-based codes are applied to enable the user the opportunity to meet their specific needs while not restricting the design professional's creativity. Alternative application to prescriptive codes requires sound engineering principles, equivalency concepts, and redundancy to maintain a desirable level of life safety.

Plans review is a cost-effective, value-added engineering tool providing guidance while buildings are in the design phase to ensure life and fire safety meets the expectations of the citizens and visitors of Florida. The early identification of potential code problems results in the reduction of construction costs and delays, providing a direct benefit to the taxpayer.

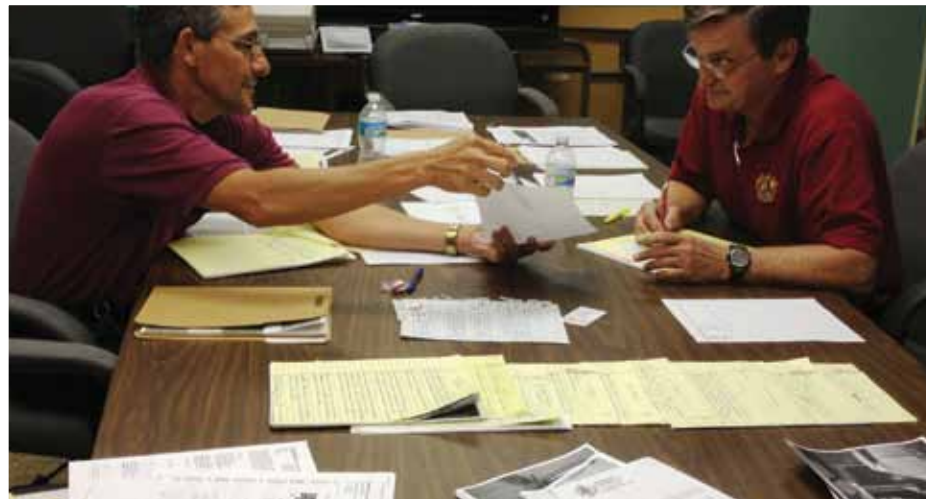
The Plans Review Section of the Bureau of Fire Prevention works with agencies, owners, designers, engineers, contractors and other code enforcement officials to ensure all state-owned and state-leased buildings are compliant with the Florida Fire Prevention Code during design, construction, alterations or renovations. Certified fire safety

inspectors examine building plans for occupant safety and the preservation of property and function. Each year this section reviews hundreds of plans submitted by state agencies providing services to Florida, from simple office renovations to complex new construction projects.

INSPECTIONS SECTION

- George Cooper,
Senior Management Analyst
Supervisor

The Inspections Section is the largest of four code compliance sections within the Bureau of Fire Prevention. It is a customer oriented, multi-faceted unit with statutory authority to conduct fire safety inspections in state-owned properties and applicable regulated industries throughout the state. There are nine field offices located within six multi-county regions. The section assists with the development of the Florida Administrative Code which includes regulations for occupancies classified by law as "uniform" buildings and structures. These occupancies include, but are not limited to, hospitals, nursing homes, restaurants, public lodging establishments and childcare facilities. The section's personnel also respond to calls for code interpretation and assistance while other personnel continue to participate with the Florida Building Commission and the administration



of the Department's Loss Control and Safety Program.

The section's mission is to strive to improve fire safety for Florida's citizens and visitors through gathering, storing and the retrieval of related critical data. Another important part of our mission is preventing fires, not only through the inspection process, but through public education regarding fire safety and fire hazards.

Special events such as the Florida State Fair, with an estimated annual attendance of over 480,000 visitors, and university stadium events routinely receive special inspections for code compliance.

Inspections Required by Law

Statutory inspections required of the section are divided into two types: annual and recurring. The inspections are designed to identify and ensure the correction of any identified fire code violations to reduce the propensity for the start or spread of any uncontrolled fire through prescriptive and performance-based code application.

Properties inspected include, but are not limited to, all state office buildings, universities, prisons, hospitals, and specific public and charter schools. All state-owned properties that are classified by statute as "high-hazard occupancies" are required to be inspected annually. By working in conjunction with other state agencies, we are able to ensure that, as space requirements change, we are not leaving uninspected spaces and thus providing the best fire safety possible for the workers and citizens of Florida. Fire Protection Specialists from the section also inspect other life safety systems and processes including storage locations for explosives, fire protection systems, licensing activities for fire equipment dealers, investigations of construction mining sites and of citizen complaints. The Section also conducts follow-up inspections of fire incidents to identify

associated damage from fires which may have been caused or impacted by fire safety code violations.

REGULATORY LICENSING SECTION

- Keith McCarthy, Safety Program Manager

The Regulatory Licensing Section is responsible for the enforcement of all laws relating to the licensing, certification and regulatory enforcement for the Fire Equipment Industry (portable extinguishers and pre-engineered systems), the Engineered Fire Protection System Industry, the Explosives Industry (manufacture, distribution and use), the Construction Mining Industry, and the Sparkler Industry (manufacture, distribution, wholesale and retail sales) pursuant to Chapters 552, 633, and 791, Florida Statutes.

The section is located in Tallahassee and staffed by a safety program manager and an administrative staff of five support personnel (see photo on page 17). In addition, six fire protection specialists serve statewide performing regulatory inspections and investigations.

Licensing of Regulated Industries

This section is the first point of contact for members of the public wishing to lodge a complaint regarding any of the regulated industries, including the construction materials and mining activities in their area. The staff is responsible for handling telephone calls, noting all relevant information, and passing the complaints to the appropriate personnel for review and inspection. This Section also continues its ongoing role in developing and monitoring the Florida Administrative Code related to the industries regulated, and works jointly with the Inspection Section to ensure the proper inspection and regulation of the licensed entities.

Fire Equipment Dealers & Fire Prevention Contractors Industries

This Section is the first point of contact for individuals who wish to gain the certification necessary to service and maintain portable fire extinguishers, pre-engineered fire systems and engineered fire sprinkler systems. This Section maintains the database of all current licensed entities, including 1,097 Fire Protection System Contractors and 709 Fire Equipment Dealers. The staff is also responsible for producing photo identification cards for 2,229 Fire Equipment Permittees and 439 Water-Based Inspectors employed by certified Fire Protection System Contractors I and II.

LICENSE/PERMIT TYPE	2012
Class A Fire Equipment Dealer	130
Class B Fire Equipment Dealer	41
Class C Fire Equipment Dealer	182
Class D Fire Equipment Dealer	237
Portable Extinguisher Permits	1,556
Pre-Engineered System Permits	673
TOTAL	2,819

**Total figures represent New Licenses/Permits only during 2012*

LICENSE/PERMIT TYPE	2012
Fire Protection System Contractor I	150
Fire Protection System Contractor II	365
Fire Protection System Contractor III	24
Fire Protection System Contractor IV	3
Fire Protection System Contractor V	320
Inactive Contractors	0
Water-Based Protection System Inspectors	439
TOTAL	1,301

** Total figures represent New Contractors/Inspectors only during 2012*

Construction Mining and Explosives Industries

The Regulatory Licensing Section is responsible for the issuance of permits to firms engaged in the mining of road base material for the building of roads statewide, as well as to individuals and firms who wish to manufacture, distribute, purchase, use and store explosives in the State of Florida. Construction mining permits are issued for ten years and holders are subject to annual inspections of records and the mine sites. Explosives licenses and permits expire annually on September 30th and their holders are subject to annual inspections of records and explosive storage facilities.

Sparkler Industry

This section issues registrations for individuals or companies wishing to sell sparklers at retail to the general public. These registrations expire annually on January 31st.

Staff, in conjunction with the Bureau of Forensic Fire and Explosives Analysis, receive and process products from licensed wholesalers and distributors of sparkler products nationwide. The staff jointly document and maintain a database of the products submitted, review chemical analysis reports, and weigh and perform a functional test on each item to ensure compliance with Chapter 791.013, Florida Statutes. There were 76 new products approved during the 2012 product testing period. The list of approved products was updated and is available on the Division's website at www.myfloridacfo.com/Division/SFM/.

LICENSE TYPE	2012
Manufacturer-Distributor of Explosives	21
Dealer of Explosives	4
User of Explosives	146
Blaster Permits	271
*Construction Mining Permits Issued	67
TOTAL	509

** Total figures represent New Construction Mining Permits only during 2012*

REGISTRATION TYPE	2012
Seasonal Retailers	3,963
Retailers and their Locations	493
Wholesaler of Sparklers	24
Distributor of Sparklers	3
TOTAL	4,483

PRODUCT SUBMISSION	2012
Sparkler Products Submitted	80



Florida Fire Safety Board

Pursuant to Chapter 633.302, Florida Statutes, the Florida Fire Safety Board was created, consisting of seven members who are citizens and residents of the state. This board, appointed by the Chief Financial Officer and State Fire Marshal, serve in an advisory capacity to the State Fire Marshal on matters related to the Fire Equipment and Fire Protection Industries. In addition to receiving and processing continuing education courses for the Fire Equipment Industry and the Fire Protection System Contractor Industry, the Section also provides technical staff support to the Florida Fire Safety

Board in tracking and maintaining approvals of those courses attended by industry members. During 2012, the board reviewed and approved 161 continuing education courses in addition to its normal responsibilities. Continuing education coursework for both industries is available by mail or via the division's website at www.myfloridacfo.com/division/SFM/.

Enforcement Actions

Personnel assigned to the regulatory investigation activities of this section are well versed in the requirements of Chapters 522, 633, and 791, Florida Statutes, as

well as the Florida Administrative Codes and federal regulations on numerous types of manufactured fire suppression equipment and materials. Investigation activities include reviewing technical equipment, investigating blasting scenes and storage facilities of explosives for compliance with statutes, and reviewing codes and manufacturers' specifications. Sketching diagrams, photographing the scene, taking statements and interviewing witnesses are other activities which assist the investigators in determining if a violation of the statute exists, and what corrective action should be taken.



*From Left to Right:
Donald Rollins,
Sheila Thomas,
Deanna Tiernan,
Georgia Dowell,
Nickie Stricker,
Keith McCarthy*





BUREAU OF FORENSIC FIRE AND EXPLOSIVES ANALYSIS



CARL CHASTEEN
Bureau Chief

The Bureau of Forensic Fire and Explosives Analysis (BFFEA) processes forensic evidence and images related to crime scenes. The Bureau's mission continues to be to provide the highest quality of relevant forensic services with the resources available. Daily it seems that there is a news story about the failure of a forensic scientist or laboratory analyst to do their jobs properly. Our mission, accreditation and audit processes seek to ensure that we avoid any issue like the ones we see reported. Public agencies, the courts, and the people demand that forensic laboratories provide quality analyses that can be relied on to assist with investigations and lay a foundation for prosecutions.

In the forensic discipline of fire debris analysis, the results of our analyses are often used, after the criminal investigations are closed, by insurance providers to investigate and determine fraudulent claims. The prosecution and conviction of criminals removes them from the street and makes our citizens and visitors safer. Helping to reveal possible insurance fraud helps to reduce the costs of insurance paid by the citizens and businesses of this state. The bureau is committed to providing credible high quality services for our customers.

The bureau is located outside of Tallahassee, Florida, on the grounds of the Florida Institute for Public Safety, off of Route 90 West between Midway and Quincy, Florida. The State Fire Marshal of Florida is one of only three State Fire Marshals in the United States to have their own dedicated forensic laboratory analyzing evidence from fires or explosions.



The Florida Institute for Public Safety BFFEA Facility

Our Services

Fire debris analysis, identification of unknown chemicals and explosives analysis are exclusive to the Chemistry Section. The Imaging Section is where forensic video analysis, photographic/image archiving and reproduction of records for public or investigatory requests are housed. Our staff consists of the Chief of Forensic Services, three senior crime laboratory analysts, two crime laboratory analysts, two forensic technologists, one maintenance mechanic and one part-time receptionist.

Evidence from fires and explosions can be some of the most difficult types of forensic evidence to examine. This is due to the fact that our analysts are attempting to extract and identify a post-burn or post-explosion mixture of chemical residues from a background substrate (carpet, soil, cloth, etc...) after it has burned or been affected by an explosion. The background substrate often contains a mixture of many of the same compounds that are found in ignitable liquids or other chemical residues of interest. The difficulty lies in determining what is extraneous (or added by the criminal) and what is inherent to the substrate. Our analysts must have the correct combination of skill, equipment and knowledge to be able to characterize ignitable liquids or explosive residues.

The key tool in performing all of

our analyses is the expertise of our laboratory personnel. All analysts in the Chemistry Section have a minimum of a bachelor's degree in chemistry or other natural sciences, with a heavy emphasis on chemistry. Most have completed additional graduate level studies. All have additional training from several of the following: the National Center for Forensic Science; the Federal Bureau of Investigation; the Bureau of Alcohol, Tobacco, Firearms, and Explosives; the American Academy of Forensic Science; the National Fire Academy, and others.

Various analytical instruments are required for the variety of chemical tests we need to perform. Our key

instrument for fire debris analysis is the Gas Chromatograph with Mass Spectrometric Detector (GC/MS). For explosives and unknown chemical analysis, rarely will only one analytical test tell the whole story. While we may use the GC/MS on some items, we also need to perform testing using our other instruments such as our Ion Chromatograph with Mass Spectrometric Detector (IC/MS), X-Ray Fluorescence Spectrometer (XRF), Fourier Transform Infrared Spectrometer (FTIR), Raman Spectrometer (Raman), and Ion Mobility Spectrometer (IMS). In addition, various classical wet chemical techniques may be employed.



*Gas Chromatograph
with Mass Detector*



*Chief Chasteen with FTIR Microscope
and Ion Mobility Spectrometer*



The presence of an ignitable liquid from the area of origin of a fire aids investigators in determining the origin or cause of a fire. The identity of chemicals in explosive scenes aids investigators by characterizing the type and source of the explosives. Identification of chemicals from clandestine laboratories allows investigators to charge perpetrators with the operation of an illegal laboratory. In the calendar year 2012, the bureau analyzed 2,023 cases with 3,876 fire debris sample analyses and 3,910 explosives/unidentified chemical analyses. To ensure quality assurance, an additional 3,391 quality control samples were also analyzed. These test the efficiency and quality of the laboratory's extraction, analysis and interpretation procedures.

When a fire debris or explosives sample was submitted to the bureau, the average turnaround time to complete the analysis in 2012 was 6.8 days. All laboratory services are provided to all law enforcement, fire department or public investigative agencies without charge. Analysts provided expert testimony at depositions or trials a total of 33 times in 2012. This number is low as often our report will be stipulated by all parties or sometimes used in plea negotiations.

In our Imaging Section, digital images of crime scenes are processed and archived. We can also scan conventionally developed photographs into a digital format for archival and processing purposes. The Imaging Section processed 4,221 cases in the calendar year 2012, containing 238,849 separate images.

The bureau has equipment to import, analyze, manage and archive video from most video media. The placement of closed circuit security cameras has grown significantly. It is estimated that each of us is caught on film eight to twelve times each day. These cameras are in ATM machines, businesses, government

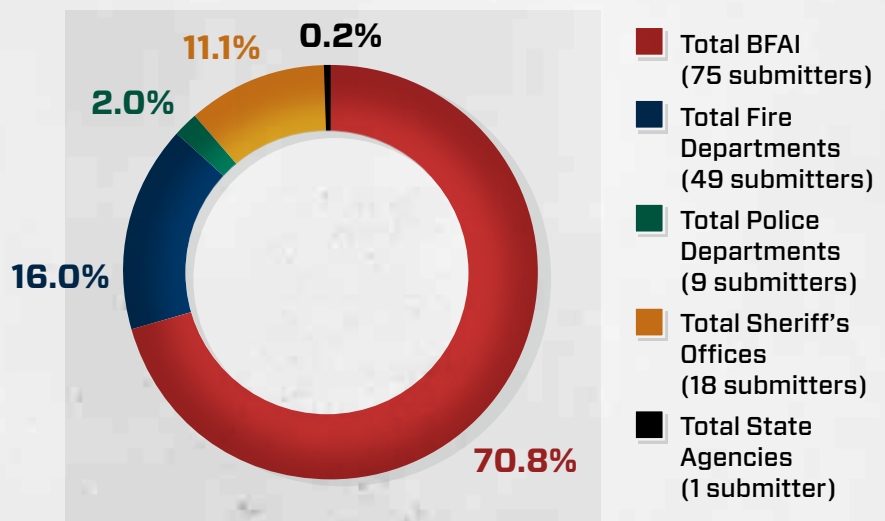
buildings, private residences, etc. As these cameras capture images, they often will capture video of either individuals committing a crime or individuals associated with a crime. It is logical then that these images have become an important piece of the investigative puzzle. In some cases, the bureau has been able to aid in the physical recovery and restoration of damaged video capture devices and media.

Our Customers

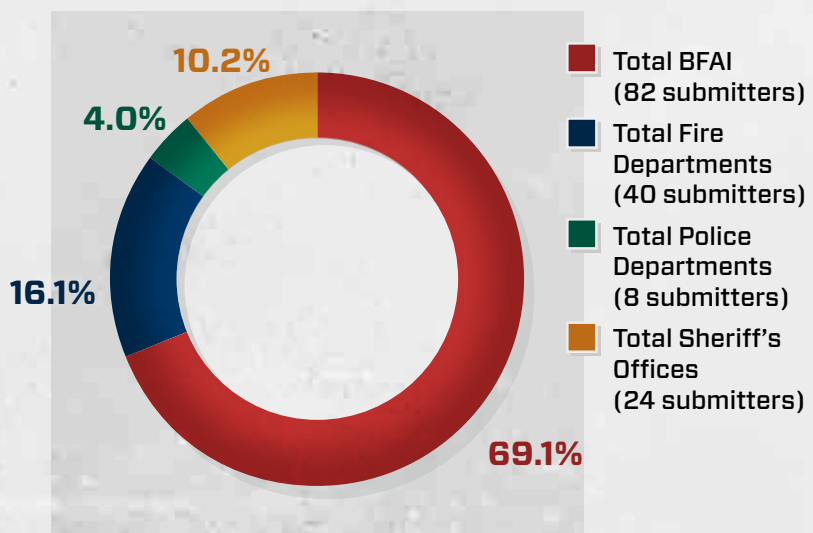
Our customer satisfaction survey is conducted twice each year in October (for submitters during the

period of January 1, 2012 to June 30, 2012) and April (for submitters during the period of July 1, 2012 to December 31, 2012). This instrument provides statistics on who submitted samples to the bureau during the survey periods. Most evidence requiring chemical analysis was submitted by the bureau of Fire and Arson Investigations. The bureau additionally received evidence for chemical analysis from police departments, fire departments, sheriff's offices, other State of Florida agencies and one federal agency. Please see the break-outs for the two periods below:

**PERCENT OF SUBMISSIONS
January 1, 2012 to June 30, 2012**



**PERCENT OF SUBMISSIONS
July 1, 2012 to December 31, 2012**



The submissions from sheriff's offices are almost exclusively for the identification of non-drug chemicals seized during investigations of clandestine drug (methamphetamine) laboratories. The Bureau will not perform drug analyses, but will use its expertise and instrumentation to identify the hazardous, flammable, and potentially energetic materials found in clandestine laboratories. Often the identification of these chemicals is as important in obtaining a conviction as finding the drugs themselves.

The processing and archiving of digital still images is performed exclusively for the Bureau of Fire and Arson Investigations (BFAI) while forensic video processing is approximately one-third from BFAI and the other two-thirds from other law enforcement agencies.

Results from our Survey of Customers who submitted samples for analysis or processing from January 1, 2012 to June 30, 2012, is reported below. As of this writing, the survey for the period for July 1, 2012, to December 2012, is in process and is not reported. The January 1, 2012, to June 30, 2012, survey was sent to 152 customers. A total of 91 (59.9%) responded to portions of the survey relevant to the services they used. A review of the survey responses will be posted to the Bureau's portion of the State Fire Marshal's website. The responses were very positive and the results of the surveys of all Bureau services were combined and reported below:

Condensing the results to comparing only the responses that ranked "High" plus "Very High" against all that ranked "Neutral" or lower clearly shows that the Bureau is meeting the needs of its customers and is providing them with a valuable and useful resource.

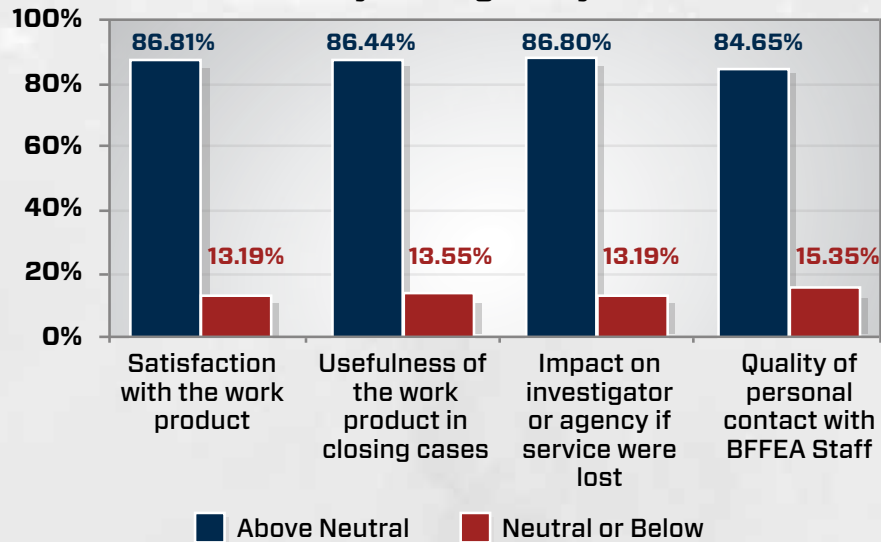
Submitting Samples

Forensic evidence must be submitted to the Bureau either by hand delivery or via a certified courier (United States Postal Service – registered/certified mail only, Federal Express, United Parcel Service, etc.) Please use our submission form available through our portion of the State Fire Marshal's website: http://www.myfloridacfo.com/SFM/lab/BFEA_index.htm. Please be aware that there are federal as well as courier specific restrictions regarding the shipment of materials.

Specifically, you must also be aware that certain items must be listed as "dangerous goods" and thus have special labeling requirements or may even be prohibited from being shipped. Other items may have an "excepted quantities" variation. The Bureau has a "guide" on its website that provides more details on the submission of samples to the Bureau.

BFFEA will not store evidence after the samples are tested and a report is mailed or emailed. Bureau of Fire and Arson Investigations evidence will either be transferred to a BFAI representative for secure storage or, if requested, returned to the submitter. If BFAI evidence is needed for court, the BFAI representative should be contacted. All other evidence from non-BFAI agencies is returned to the submitting agent.

ALL SERVICES COMBINED CUSTOMER RATINGS January through July 2012



ALL SERVICES MERGED	Percent	Percent	Percent	Percent	Percent
RANKING	V. High	High	Neutral	Low	V. Low
Satisfaction with product	57.38%	33.61%	8.20%	0.82%	0.00%
Usefulness of the work product in closing cases	59.02%	29.92%	9.84%	1.23%	0.00%
Impact on investigator or agency if service were lost	61.26%	24.90%	12.65%	0.40%	0.79%
Quality of personal contact with BFFEA Staff	57.27%	33.48%	9.25%	0.00%	0.00%

Training & Professional Representation

Bureau staff is available to train personnel from other agencies in various aspects of forensic science, digital imaging and evidence preservation. We are also a training ground for new forensic scientists. Since 1995, we have offered and provided internships to students from various universities to learn forensic science and be exposed to the work and instrumentation required. These internships also help us by providing additional workers at no cost to the state to assist in many projects at the Bureau while they are here. While many of our former interns have chosen to work in forensic science laboratories, many have chosen to go on to graduate programs in forensic science and chemistry, medical school or law school. We have hosted students from:

- Florida State University
- Florida Agricultural and Mechanical University
- University of Central Florida
- Eastern Kentucky University
- University of Wisconsin at Platteville

In 2012, we also provided training in fire debris analysis to the Chief of the Chemistry Section of the Royal Bahamas Police Department Crime Laboratory.

Our employees are also involved with various professional organizations. Often we have been chosen for leadership positions; these include:

- The International Association of Arson Investigators (IAAI) - Former Chair of the Forensic Science Committee
- The American Society of Crime Laboratory Directors (ASCLD)
- The American Society for Testing and Materials (ASTM) - E30 Criminalistics Sub-committee
- The Technical Working Group on Fire and Explosions (TWGFEX) - Former Facilitator, Chair, and current Vice-Chair
- The American Board of Criminalistics (ABC) - Fellow
- Property and Evidence Association of Florida (PEAF)



AN ASCLD/LAB-*International* ACCREDITED LABORATORY
(SINCE July 20, 2010 in the sub-disciplines of Explosives, Analysis of Unknowns, and Fire Debris)

Accreditation

The bureau received its initial accreditation in 2010 from the American Society of Crime Laboratory Director's Laboratory Accrediting Board International (ASCLD/LAB-*International*). In 2011 and 2012, we were assessed by a surveillance visit from the accrediting body as well. Our accreditation is under the ASCLD/LAB-*International* standard as well as the International Organization for Standardization's (ISO) Standard for Testing and Calibration Laboratories #17025 in the forensic sub-disciplines of fire debris analysis, explosives analysis and analysis of unknowns. The process to maintain accreditation is detailed and time-consuming as it requires continual observance and review of all laboratory quality documents: quality manual, standard operating procedures, test methods, compliance manual, training programs, forms, etc. In addition, the Bureau regularly completes an internal audit of one to two laboratory sections or processes each month. Two laboratory staff, Chief Carl Chasteen, and Senior Analyst Perry Michael Koussiafes are also qualified ASCLD/LAB-*International* assessors and may be called upon by ASCLD/LAB-*International* to be on teams that inspect and audit other ASCLD/LAB-*International* accredited laboratories.



BUREAU OF FIRE AND ARSON INVESTIGATIONS



The Bureau of Fire and Arson Investigations (BFAI) is the law enforcement branch of the Division of State Fire Marshal. The core mission of the bureau is:

“To effectively prevent, discourage, investigate and prosecute arson and arson-related crimes for the protection of Florida citizens and their property.”

This year, members of the Bureau of Fire and Arson Investigations have worked harder than ever to take arson investigation to the next level. Detectives not only responded to individual calls for service, but uncovered major arson rings and held the suspects responsible through detailed case development. *Operation Candlelight* was one of the most significant mass arrest events in the history of the bureau. In the early morning hours of May 16, 2012, 20 people were apprehended without incident in Dade and Broward counties for their involvement in a home rental scheme that resulted in more than \$1.4 million in payouts by insurance companies. This scheme affected three families who unknowingly rented their homes to arsonists then lost them to foreclosure due to the irreparable fire damage sustained. We understand that behind every arson-for-profit scheme there are innocent individuals who pay the price. This is why it is so critically important that we continue to take on major crime initiatives and find those responsible for these violent crimes.

We are fully aware that the crime of arson results in rising insurance costs that are passed along to the many Floridians who choose to make this state their home. We are committed to keeping these hard-earned dollars in their pockets. As you read these words, detectives and crime intelligence analysts are actively

engaged in case identification and development to unravel these schemes before more innocent homeowners are victimized, and insurance rates are forced to go up in response to these fraudulent criminal activities. Bureau detectives are highly trained experts in the field of arson investigation and this undertaking is solidly supported by a team of skilled criminal intelligence analysts and dedicated support staff who ensure that we continue to meet our mission. The result is a combination of experience and conscientious attention to duty driven by the desire to reduce victimization and arson incidents in Florida.

During 2012, we received 3,720 new requests for investigations. This year, the bureau conducted investigations on properties that resulted in estimated losses of nearly \$166 million. Of this estimated property loss, approximately \$69 million was attributed to the crime of arson. Sworn personnel of the Bureau made arrests in 434 investigative cases in 2012, resulting in the arrest of 552 defendants. This was a tremendous year for the bureau and it is the men and women of the organization who deserve the recognition for our success. The lead detective on the Operation Candlelight Task Force, Detective Charles Toledo, was honored with both the Florida Advisory Committee on Arson Prevention “Investigator of the Year” Award and was also nominated for the State Law Enforcement Chiefs Association “Investigator of the Year.” This level of dedication can be found within all of the members of the Bureau of Fire and Arson Investigations. We will continue to do all we can to reduce the crime of arson while continuing to foster and develop relationships with our partners in the public and private sectors. The major accomplishments



Joseph Steadman
Bureau Chief

of this agency working together with our partners in law enforcement, fire service and private entities, also committed to the reduction of arson. We continue to strive to meet and exceed the parameters of our mission, in gratitude for the diligence of our bureau members and our partners in service.

The bureau is staffed statewide by 126 members, including: one Chief, two Majors, six Regional Captains, one Special Operations Captain, 17 Lieutenants, 76 Detectives, eight Crime Intelligence Analysts and 15 civilian support personnel. The bureau is under the direction of Chief Joseph Steadman.

SPECIAL OPERATIONS SECTION

The Special Operations Section supports field operations and coordinates the following specialty teams:

- Hazardous Device/Explosive Ordnance Disposal Teams (EOD)
- Accelerant Detection K-9 Teams (ADC)
- Explosive Detection K-9 Team (EDC)
- Forensic Investigative Support Team (FIST)
- Computer Voice Stress Analysis Operators (CVSA)
- State Fire Marshal Honor Guard

The Special Operations Section assists in the coordination of Emergency Support Functions (ESF) for 4 (Firefighting), 9 (Search and Rescue) and 16 (Law Enforcement). The BFAI Training Section, the Crime Intelligence Analyst Unit, regional domestic security funding, wireless communications, logistics, public information, accreditation policy and planning. The Special Operations Section is under the direction of Captain Janet Hartman. Captain Hartman can be reached by calling (850) 413-3720.

Training Section

The bureau's sworn law enforcement members are highly trained and qualified in the field of arson detection. Detectives regularly complete investigative processing of fire scenes, determine the origin and cause of fires and explosions, conduct latent investigations, make arrests, execute searches, complete seizures and provide expert testimony in judicial proceedings. The Training Section is dedicated to developing the skills, knowledge and service of sworn members. In-service training programs are provided to members to enhance investigative abilities and high liability law enforcement training is provided to ensure safety in these interactions.



Computerized Voice Stress Analysis Unit

The Computerized Voice Stress Analyzer (CVSA) with a specially trained operator is thought to be one of the most acceptable, less intimidating and less intrusive means to verify truthfulness. These units are utilized as a tool to assist with determining truthfulness in criminal investigations performed by the bureau. The bureau has 10 CVSA units and certified operators.

Forensic Investigative Support Team and Statewide Arson Task Forces

Since the early years of the bureau, the task force concept has been considered the most efficient and effective method of investigating large or complex fire or explosion scenes. In the past, a task force was composed of available investigators who worked in close proximity to the fire scene. In 2001, the bureau recognized the need to develop and train a specialized team to provide a complete and thorough investigation of large or complex fire and explosion scenes and established the Forensic Investigative Support Team (FIST). The primary objective of FIST is to reduce incendiary fires by effective investigation

and prosecution of those who commit arson. The FIST also provides the necessary personnel to conduct the preliminary investigation to determine the origin, cause and circumstances of a fire so the resources of the local bureau office are not significantly burdened. This is done by providing an immediate and sustained statewide response team to large or complex fires and explosions, where state-of-the-art equipment and the most qualified personnel are used to assist the citizens of Florida at the city, county or state level.

Hazardous Device/Explosive Ordnance Disposal Unit

The Florida State Fire Marshal's Bomb Squad is composed of four teams throughout the State of Florida, which provide rapid response to hazardous incidents. During 2012, the teams responded to 87 calls for service which included: rendering safe operations of suspicious items, disposing of hazardous materials and integrating SWAT responses. This year dignitary operations were provided, for foreign heads of state, the President of the United States and the Republican National Convention held in Tampa, Florida. Routinely, the teams provide bomb-related protection at large spectator venues such as NASCAR races, Air Shows, Grand Prix Races and other heavily attended events. The Bureau also works closely with the Florida Department of Environmental Protection (DEP) in their "Easy As One" initiative for the disposal of flares, fireworks and ammunition, utilizing thermal destruction units owned by the bureau. The teams perform these functions in addition to their primary jobs of fire and arson investigations. The teams work closely with local, state and federal partners in the safe resolution of hazardous devices for the citizens of this state.

EOD and SWAT Interoperability Saves Lives

In November of 2012, the Bureau of Fire and Arson Investigations Bomb Squad responded with the Polk

County Sheriff's Office SWAT Team regarding reports of a suicidal subject in a residence. When law enforcement arrived on scene, they immediately came under fire from the suspect who was shooting multiple firearms from inside the house. During the incident, a Polk County Sheriff's Office lieutenant was struck in the ankle by a bullet that was fired under his car. BFAI bomb technicians deployed a rapid response ICOR robot with another F6A robot in an attempt to gather intelligence for the SWAT team and communicate with the suspect. As the ICOR robot was attempting entry to the front of the property through a chain link fence it came under fire. Even after being struck multiple times, the robot never lost communication or operability. The Polk County Sheriff's Office deployed a chemical irritant inside the residence from their armored, all-purpose vehicle. The suspect surrendered without further incident. The Polk County lieutenant was treated and released from the hospital for a gunshot wound to his ankle. The robot incurred several thousand dollars in damage that day, but no lives were lost in the high risk situation.

Explosives Detection K-9

Explosives Detection K-9 Bella, a two year-old German Shepherd, is specially trained to detect and locate the presence of compounds containing nitrates and other materials used in the construction of explosive devices. She completed an extensive 13 week training program with assistance from the

Tampa Police Department's K-9 Unit. After the initial training, Bella and her handler, Detective Monty Taylor, completed the Explosives Detection Canine Team certification through the nationally recognized North American Police Work Dog Association (N.A.P.W.D.A.). Detective Taylor and EDC Bella work in partnership with the Hazardous Devices/Explosive Ordnance Disposal Unit and were instrumental in the response at the Republican National Convention in Tampa.



*Explosives Detection – Lake Wales
Detective Monty Taylor & Bella*



*HazMat and Weapons of
Mass Destruction Exercise*



*Captain Thomas Bosco suits
up to Conduct a Search of
a Suspected Device*



BUREAU OF FIRE AND ARSON INVESTIGATIONS K-9 UNIT

Accelerant Detection Canine Unit (K-9)

In 1998, the bureau implemented an Accelerant Detection K-9 program with financial and technical support from State Farm Insurance Company. The assistance provided by State Farm funds scholarships for training fees, canine acquisitions, lodging during training, chemist certification of canines and all transportation expenses related to training the teams in Alford, Maine. This mutually beneficial partnership was established in an effort to enhance the Detectives' abilities to identify evidence of liquid accelerants utilized by arsonists and has been functioning well since its inception. Each K-9 unit functions as a team with one trained Accelerant Detection Dog and one trained Law Enforcement Detective. Currently, the bureau has six Accelerant Detection K-9 teams located statewide. Bureau K-9 teams responded to 529 requests for assistance in 2012.



*Canine Commander
South - Plantation
Captain Ross Holt & Ember*



*South Central - Lake Wales
Detective Mike Douglas & Misty*



*Northeast - Ocala
Detective Garrett Carlisle & Misty*



*Northeast - Jacksonville
Detective Robert Redding & Molly*



*Northwest - Panama City
Lieutenant Thomas Barron & Amy*



*North Central - Daytona Beach
Detective Amelia Hitchcock & Penzy*

CRIME INTELLIGENCE ANALYSIS UNIT

The Bureau of Fire and Arson Investigations formed the Crime Intelligence Analyst Unit (CIA) in 1994. The Unit supports the enforcement efforts of the bureau and assists detectives with arson investigations. CIAs are trained to provide intelligence and investigative analysis.

- *Intelligence Analysis* - the study of criminal organizations and enterprises to support the investigation and prosecution.
- *Investigative Analysis* - crime scene, psychological, and forensic analysis used in arson cases. Three levels of analysis are provided on a daily basis to law enforcement agencies throughout the state:
- *Tactical Analysis* - searching for series, patterns, sprees and hot spots.
- *Operational Analysis* - designed to achieve a specific law enforcement outcome which may include arrests or the disruption of criminal activities.
- *Strategic Analysis* - provides information for decision making and operations over a longer term.

The CIA Unit is composed of a CIA Supervisor and seven certified Crime Intelligence Analysts. Analysts are located statewide with one analyst serving in each of the six regions and one analyst assigned to Headquarters. Analysts are carefully selected for their education, skills and ability to work effectively with a team.

The Bureau's Crime Intelligence Analysts are highly regarded for providing timely and reliable intelligence. This is critical for officer safety, and to support the identification of arson-related criminal activities and expeditious apprehension of identified arson-related criminals. The Unit's research and analytical skills have led to the identification of numerous arson subjects and suspects throughout the past 18 years. CIA involvement on significant task forces has helped to reduce arson-related crimes on major cases. CIAs demonstrate significant dedication to bring cases to fruition in support of successful prosecution.



SAMUEL VENZEIO

CRIME INTELLIGENCE ANALYST SUPERVISOR

Sam Venzeio has been employed with the Division of State Fire Marshal since 2003. He received a Bachelor's Degree in Operations Management from National Louis University and received his certification as a Law Enforcement Crime Analyst from the Florida Department of Law Enforcement in 2006. Prior to his employment with the State Fire Marshal, Sam served 20 years in the United States Army in the Intelligence field.



DEBORAH LAIRD

CRIME INTELLIGENCE ANALYST II, NORTHWEST REGION

Deborah Laird has been employed with the Division of State Fire Marshal since 1993. Deborah attended the University of Louisville, in Kentucky, and has completed continuing education at local community colleges. In 2001, she completed the Anacapa Science Criminal Intelligence Analysis training in Miami. She attended the Florida Department of Law Enforcement Analyst Academy and received her certification as a Law Enforcement Analyst in 2006.



AUDREY WOODY

CRIME INTELLIGENCE ANALYST II, NORTH REGION

Audrey Woody has been employed with the Division of State Fire Marshal since 1985. Audrey completed Initial Fire Investigations from the National Fire Academy in 2000, Anacapa Science Criminal Intelligence Analysis Law Enforcement Training in 2001, Information Security Officer Training in 2003, and received her certification as a Law Enforcement Crime Analyst from the Florida Department of Law Enforcement in 2006.



SYLVIA MATHIS

CRIME INTELLIGENCE ANALYST II, NORTHEAST REGION

Sylvia Mathis has been employed with the Division of State Fire Marshal since 1994. Sylvia received her Certified Public Manager designation in 2004 and certification as a Law Enforcement Crime Analyst from the Florida Department of Law Enforcement in 2005.



HEATHER DUFFIELD

CRIME INTELLIGENCE ANALYST II, NORTH CENTRAL REGION

Heather Duffield has been employed with the Division of State Fire Marshal since 2002. Heather received a Bachelor's Degree in Criminal Justice in 2002 from the University of Central Florida and received her certification as a Law Enforcement Crime Analyst from the Florida Department of Law Enforcement in 2006. Heather currently holds the position of Secretary for the Florida Fire Investigators Association.



JEANNE PARKER

CRIME INTELLIGENCE ANALYST II, SOUTH CENTRAL REGION

Jeanne Parker has been employed with the Division of State Fire Marshal since 2006. Jeanne received two Bachelor's Degrees, one in Criminal Justice Studies and the second in Criminal Forensic Studies, from Florida Gulf Coast University. She received her Law Enforcement Crime Analyst certification from the Florida Department of Law Enforcement in 2010. Prior to joining the bureau, she served nearly 20 years dispatching for several law enforcement agencies, including the Florida Highway Patrol, Florida Gulf Coast University Police Department, Sanibel Police Department and the Ohio State Highway Patrol.



SUMMER JERLA

CRIME INTELLIGENCE ANALYST II, SOUTH REGION

Summer Jerla has been employed with the Division of State Fire Marshal since 2000. Summer received a Bachelor's Degree in Criminology with a minor in Psychology from Florida State University in 1999, and a Master's in Criminal Justice with a specialty in Behavioral Science through the Center for Psychological Studies, Nova Southeastern University, in 2007. Summer received her certification as a Law Enforcement Crime Analyst from the Florida Department of Law Enforcement in 2006.



LUVENIA HILL

CRIME INTELLIGENCE ANALYST II, HEADQUARTERS

Luvenia Hill has been employed with the Division of State Fire Marshal since 1981 and has served as a CIA for Headquarters since 1994. Luvenia received her Certified Public Manager certification in 2004 and certification as a Law Enforcement Crime Analyst from the Florida Department of Law Enforcement in 2005. Luvenia serves as the Terminal Agency Coordinator for the Florida Crime Information Center (FCIC) and National Crime Information Center (NCIC) system, the point of contact for Digital Audio and Integration and Development (D.A.V.I.D.) and Vice-Chair for the Regional Workgroup with the Florida Department of Law Enforcement.

CASES OF INTEREST

North Region

Technical Expertise Results in a Guilty Verdict

On January 30, 2011, the Tallahassee Police Department received a missing person complaint. Investigators began looking for the missing person throughout Leon County and surrounding areas. On February 24, 2011, the victim was recovered from the Ochlockonee River in Gadsden County. Investigators began to piece together the victim's last days from friends and family members. Family members indicated that the victim had a troubled relationship with a boyfriend over the last few years. Investigators were able to obtain surveillance video footage from a local payday loan business in Tallahassee, which was believed to be the last known location of the victim.

In December of 2012, the Tallahassee Police Department and the State Attorney's Office requested the technical assistance of Bureau of Fire and Arson Investigations Detective Brock Dietz to examine the video. Due to his expertise with processing forensic video evidence, he was able to enhance the quality of the video. This resulted in a positive identification of the victim, victim's car and her boyfriend. The video also contained footage of the boyfriend wiping the vehicle down in an attempt to remove potential evidence. Detective Dietz testified at trial as an expert witness in video and audio analysis. With his assistance the homicide resulted in a guilty verdict. The State Attorney's Office indicated that the testimony Detective Dietz gave was instrumental in the successful prosecution of the case.



Caught Between a Rock and a Hard Place

On November 26, 2012, the Taylor County Sheriff's Department requested the assistance of the State Fire Marshal's Office, North Region, to investigate a vehicle fire located at a rock mine in Lamont, Florida. Earlier that day, a 911 call was received by an employee regarding a vehicle fire. The fire department responded to the scene and extinguished the fire with no incident or injury. Fire scene examination revealed that the vehicle fire was incendiary in nature and originated in the passenger compartment.

During the same timeframe, the Taylor County Sheriff's Department received a report of a vehicle theft from the same rock mine. Sheriff's deputies located the occupied stolen vehicle in the area and when they attempted to stop the vehicle, the suspect began to flee, initiating a vehicle pursuit. During the pursuit, a Sheriff's vehicle was rammed off the road, causing it to crash. The suspect fled to a local hotel and barricaded himself in one of the rooms. The Leon County Sheriff's Department SWAT Team was requested and the suspect surrendered several hours later. The subject later admitted to Taylor County investigators that he doused the inside of his 2000 Ford Explorer with gasoline, removed the fuel cap and placed a rag in the mouth of the fuel tank and set it on fire. He then stole a vehicle from the rock mine where he burned his vehicle and led Taylor County deputies on a high-speed chase. The suspect was charged with arson, grand theft auto and felony fleeing and eluding. Court adjudication is pending.



Northwest Region

Family Planning Clinic Destroyed by Fire

On January 1, 2012, the Pensacola Fire Department responded to a fire at the American Family Planning Clinic in Pensacola, and requested the assistance of BFAI to investigate the cause of the fire. The investigation determined the fire was intentionally set. The details surrounding this fire initiated the response of members of the Joint Terrorism Task Force (JTTF). The JTTF is composed of federal, state and local law enforcement agencies whose primary function is to identify and disrupt terrorist activity. The following agencies cooperated in this investigation and apprehension: the Florida State Fire Marshal Bureau of Fire and Arson Investigations, the Florida State Fire Marshal Bureau of Forensic Fire and Explosives Analysis, the Pensacola Fire Department, the Pensacola Police Department, Escambia County Sheriff's Office, the Florida Department of Law Enforcement (FDLE), the Federal Bureau of Investigations (FBI), the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF), Internal Revenue Service (IRS) and the U.S. Marshal's Office. It was determined the fire's origin was outside the rear of the structure which spread through the sub-floor and subsequently caused an extensive amount of fire damage, totally destroying the structure. Members of the community came forward with information that led to an arrest. The suspect was indicted and found guilty of arson and damaging a reproductive health facility, due to the exemplary prosecution efforts of the United States Attorney's Office, Northern District of Florida. The suspect is now serving 10 years in federal prison.



Explosion Injures One

On January 24, 2012, members of the State Fire Marshal's Office, Explosive Ordnance Disposal Team, responded to a reported explosion inside the rear containment area of a Waste Pro garbage truck in Santa Rosa County. A Waste Pro employee was standing at the rear of the truck using the compactor to crush the debris inside the containment area when he was knocked backwards by an explosion. After regaining consciousness, he stood up and fled a safe distance away from the rear of the truck. The BFAI EOD Team searched through debris and located the cause of the blast. The investigation determined that a local resident had thrown multiple aluminum oxygen bottles into a trash container for curb side collection. When the Waste Pro employee dumped the contents of the trash container into the truck and initiated the compactor the compression caused the release of the gas and subsequent explosion. Fortunately, the employee suffered only minor injuries.



Pellets Fuel a Fire Resulting in \$5 Million Loss

On May 2, 2012, a commercial structure fire occurred at the Port of Panama City in Bay County. The fire involved a wood pellet storage facility operated by Green Circle Bio Energy Company. The involved structure was a 90,000 square foot metal building approximately 40 feet in height. Due to the size of the fire scene, detectives from the State Fire Marshal's Office, Panama City and the Pensacola Field Offices, assisted with the investigation. The Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF) was also a member of the response team. Green Circle Bio Energy produces

the wood pellets as a cleaner fuel for power plants and stored the pellets in the warehouse awaiting shipment to various countries around the world. The investigation revealed the fire was accidentally sparked by a piece of machinery located on the overhead conveyer belt system inside the center of the warehouse. As a result of this fire and one other of a similar nature, new standards of fire suppression equipment are currently being developed to more effectively deal with this type of fire. The total loss was determined to be around \$5 million.

Murderer Receives Death

In February of 2012, BFAI detectives brought closure to a 2010 fire involving a homicide and vehicle fire in the Northwest Region. In December of 2010, the victim was abducted in the Bonifay area of Holmes County. Her body was discovered in the trunk of her burned out Toyota Avalon in a wooded area in Geneva County, Alabama. BFAI detectives were requested by Alabama authorities to take the lead role in the investigation since the incident originated in Florida. The joint investigation that included the Holmes County Sheriff's Office led investigators to the suspect. The investigation concluded that the suspect kidnapped the victim in Holmes County and drove in her car to the wooded area where the vehicle was discovered. The suspect then set fire to the vehicle while the victim was bound in the trunk, which resulted in her death. During the trial proceedings in the Holmes County Court House, BFAI detectives provided detailed testimony of the facts which ultimately helped convict the suspect of the charges. The suspect was found guilty and sentenced to the death penalty. He is currently serving a death sentence plus 100 years for kidnapping and murder.



Northeast Region

Multiple Arson Arrests and Convictions

On September 15, 2011, Jacksonville Fire Rescue Department responded to a fire at the Columns Apartment Complex. Five vehicles and two stairwells within the apartment building "I" were set on fire. The origin and cause of the fires were investigated by the Bureau of Fire and Arson Investigations, Jacksonville Fire Rescue Department and the Bureau of Alcohol, Tobacco, Firearms and Explosives (ATF). It was determined these fires were intentionally set. Follow-up investigations revealed that the occupant of apartment #454 intentionally set these fires for the purpose of collecting insurance money on the contents of his apartment.



On February 29, 2012, an arrest warrant was obtained charging the suspect with five counts of arson to a vehicle, one count of arson to a dwelling and one count of insurance fraud. He was arrested on March 6, 2012, and found guilty of all charges on August 23, 2012. He was later sentenced to 30 years concurrently for the charges of arson and insurance fraud. This was a joint arrest and conviction between the State Fire Marshal, ATF and the Division of Insurance Fraud (DIF).

Arson and Homicide Arrest

On March 26, 2012, the Jacksonville Sheriff's Office was dispatched to a reported human body. Upon arrival, they observed a burned body. The Jacksonville Sheriff's Office Homicide Unit requested the State Fire Marshal's Office to assist in the investigation. The body appeared to be that of a black female, located in a ditch along an isolated paved roadway. Accelerant Detection Canine "Molly" alerted at the scene and samples were taken. The homicide investigation was conducted by the Jacksonville Sheriff's Office.



On June 14, 2012, the Jacksonville Sheriff's Office arrested a suspect. The victim was the suspect's ex-girlfriend. The investigation revealed that the victim's body was found to have multiple gunshot wounds and her body set on fire. The suspect had been released from prison in 2010, after serving 18 years for murder. The victim had an active injunction against her ex-boyfriend for repeated violence. He is currently being held for first-degree murder in the Duval County Jail with no bond.

Fan takes Tennessee Football Loss Hard

On September 16, 2012, Orange Park Fire and Police responded to fire and smoke alarms at Island View Baptist Church. Upon arrival, they discovered five separate fires and major vandalism. There was fire damage inside an outbuilding adjacent to the main worship hall. The Orange Park Fire Department put out the fires with fire extinguishers.

While on scene, they noticed the impressions of bare feet in the fire extinguisher residue on the floor. Suspecting that someone was still on scene, they searched the premises and located the suspect hiding on the grounds. The suspect was covered from head to toe in fire extinguisher dust and green and purple paint similar in appearance to the paint which had been splashed over surfaces throughout the building. In addition to fire damage to chairs, interior wall coverings and paint damage, several windows and a television were broken during the incident. Damage and cleanup were estimated at approximately \$35,000, with \$1,000 in fire damage.

Upon locating the suspect, the BFAI and ATF were requested to assist in the investigation. The suspect was interviewed but claimed that he did not remember the incident. Preliminary information indicated that the suspect had been fighting with his girlfriend and was very upset that Tennessee had lost to Florida in football earlier that night. At some point after the incident, the suspect called his girlfriend and told her what he had done. The suspect was arrested by Orange Park Police with the assistance of the State Fire Marshal's Office. He was charged with arson, burglary and felony criminal mischief. There are no indications that the suspect targeted this church for any specific reason.



Explosion at Equine Rehabilitation Facility

On February 10, 2012, The Marion County Fire Rescue responded to Kesmarc Equine Rehabilitation in Marion County regarding a commercial explosion. The explosion resulted in one fatality and one severe injury. BFAI, ATF, the Marion County Sheriff's Office and the Marion County Fire Rescue responded to the scene to assist with conducting an investigation into the incident. The explosion originated in the southwest corner of a 100,000 square foot structure where a hyperbaric chamber was used for equine therapy. Preliminary investigation revealed that the chamber was in use at the time of the explosion. It appears that metal to metal friction may have caused a spark inside the chamber, igniting the oxygen-rich environment. Damages were estimated to be over \$1 million.



Arson and Suicide

On March 28, 2012, the Marion County Fire Department responded to a structure fire in Silver Springs, Florida. Upon arrival, they observed smoke coming from a double wide mobile home. During the fire suppression activities, they discovered an unconscious white male in the master bedroom. The State Fire Marshal's Office was requested to assist in the investigation. The Marion County Sheriff's Office Homicide Unit and the Medical Examiner's Office also responded.

The scene investigation determined the fire originated in the spare bedroom and was intentionally set. The rest of the home received extensive heat and smoke damage throughout. Information was received that the home was in foreclosure and was to be auctioned off the day of the fire. Also, the victim had removed some personal items from the home prior to the incident taking place. The Medical Examiner's Office determined that the cause of death was a gunshot wound to the head and ruled it a suicide.

North Central Region

Fire Debris Provide Significant Clue

In New Smyrna Beach four brush fires and a community clubhouse fire occurred within a small geographic area resulting in damages of approximately \$300,000. BFAI and the Volusia County Sheriff's Department conducted a joint investigation.

During the origin and cause investigation, a piece of burned paper found in the clubhouse fire proved to be the key to identifying the suspect. The evidence led investigators to a nearby home that was equipped with surveillance video. During a review of the video footage, an individual was observed removing items from the recycle bin. A suspect was identified from the video and interviewed. The suspect admitted to the brush fires and the clubhouse fire. The suspect was arrested and was convicted of arson at trial.



Vehicle Fire Uncovers a Chop Shop

On June 4, 2012, BFAI responded to a vehicle fire in Orlando. Investigators were able to piece this case together through video surveillance of a green van with a blue door arriving and leaving the fire scene. A neighborhood canvas was conducted and the van was located. Further investigation resulted in the identification of the owner of the van and other members of her household. A review of further information revealed that one of them had an extensive history of selling vehicle parts to a scrap yard. Detectives verified that parts found on the burned vehicle were stolen. Due to the volume of parts sold to the scrap yard, it was determined that the individuals were operating a "chop shop". Two adults and one juvenile were arrested and plead guilty to the charges.



GPS Device Leads Detectives to Suspect

On June 25, 2012, the BFAI was requested to investigate a vehicle fire on Old Daytona Road. The Volusia County Sheriff's Department advised that the van belonged to Brighthouse Networks and was stolen from their facility in Ormond Beach. The vehicle was driven to a property under foreclosure and burned. Unknown to the perpetrator, the van was equipped with a GPS tracking device, and he was being tracked by Brighthouse employees. Investigators were able to identify the suspect, and he was arrested for arson, vehicle theft, and other unrelated charges.

South Central Region

Ongoing Investigation of Anzio Ironworks Fire

On January 23, 2012, several unidentified individuals broke into the Anzio Ironworks facility located in Lacoochee. Perpetrators stole several guns, including two .50 caliber military-style sniper rifles and burned the facility to the ground. A multi-agency effort was launched in an attempt to locate and retrieve the guns and suspects. The two .50 caliber firearms were recovered and the individuals in possession of the rifles were arrested. The investigative leads have narrowed the search and several individuals are now under investigation for their part in the break-in and fire.

Combined Investigative Efforts Result in Arrest

In the early morning hours of September 18, 2012, a vehicle was stolen from the Meadow Point Community located in Wesley Chapel. The vehicle was found six days later, abandoned and burned in a wooded area just south of the Pasco and Hillsborough county line. The Pasco County Sheriff's Office began an investigation into the vehicle theft and Hillsborough County Fire Rescue was contacted to investigate the fire. Hillsborough County Fire Rescue personnel contacted BFAI for investigative assistance. Detective Hector Noyas responded to assist and was able to gather enough incriminating information to develop probable cause that led to the issuance of an arrest warrant for three suspects. All three are being held in jail with a \$50,000 bond each.

Accidental Fire Leads to Possible Environmental Violations

On April 3, 2012, the Lakeland Fire Department requested the assistance of the BFAI in reference to a high dollar loss at the Aqua Clean Environmental Company (a water-cleaning facility) in Lakeland, Florida. Detective Greg Bubb and Lieutenant Stacy McIntyre responded. The investigation revealed that a pumping system that transferred petroleum-contaminated water into a storage cleaning tank had recently become inoperable. The operators of the facility placed a non-tested (non-intrinsically safe) pump to transfer the fluids. A spark resulted igniting the vapors of the petroleum products which caused large explosion fire in the tank holding area. There were no injuries reported. The cause of the fire explosion was ruled accidental and the case was turned over to the Florida Department of Environmental Protection (DEP) for possible environmental violations and non-standard practices. The total damage was estimated at over \$1 million.



Six Marked Men Arrested



On May 22, 2012, the Auburndale Fire Department requested the assistance of BFAI at the scene of a commercial structure fire. Detective Miles Davis conducted the investigation which revealed an incendiary fire in a raised office area inside of a warehouse facility. The fire was extinguished by a sprinkler system that activated during the fire. During the course of the investigation, one of the rooms of the building was found to have copier toner dispersed across the floor with shoe prints throughout the dark powder. Prior to the response of the fire department, Auburndale police officers observed the smoke and a group of six young males running from the area of the fire. All six were later captured with toner stains found on their bodies and clothing and positive confirmation was made of their shoe impressions. They were all arrested for burglary, arson of an unoccupied structure and felony criminal mischief. The total damage was estimated at \$10,000.

South Region

Lightning Strike at Warehouse

On August 27, 2012, The Fort Lauderdale Fire Department requested the investigative assistance of the State Fire Marshal's Office regarding a warehouse fire that occurred late one night. Detective Bruce Hoffman responded to the 68,172 square-foot warehouse in Fort Lauderdale. State Fire Marshal equipment was requested and brought to the scene. The fire took place on the east side of the structure. There were approximately 48 vehicles located inside of the warehouse. The fire spread throughout the warehouse due to the weather conditions at the time of the fire. The fire was classified as accidental resulting from a lightning strike to the east side of the structure.



Teens get Teed Off and Burn Golf Course

On July 10, 2012, Detective Anthony Mozealous responded to a reported fire with multiple origins on a golf course in Cobblestone Stuart West Community. Later that month, Detective Greg Gilkey responded to a fire of a parked trailer and burglary to a vehicle at the maintenance building at the Cobblestone Golf Course. The fire was determined to be incendiary and connected with previous fires that occurred in the Cobblestone Stuart West Community. Through a joint effort with the Martin County Sheriff's Office, a follow-up investigation was conducted over a two-day period. While conducting the follow-up, two juveniles were observed loitering and prowling in a restricted area of the golf course. The juveniles were detained for questioning and during interviews admitted involvement with setting multiple fires and burglary. The juveniles were arrested and have been charged with four counts of arson, one count of burglary of a conveyance and four counts of criminal mischief. After being booked through the Martin County Jail, both juveniles were released to their parent/guardians.



Sawdust Results in \$2.5 Million Loss

On November 7, 2012, Boca Raton Fire Rescue received a fire alarm alert of a structure fire at a Craftline cabinet and woodworking manufacturer. Upon arrival, the commercial property was found to be fully involved. After a long period of fire suppression efforts, Boca Raton Fire Rescue requested the investigative assistance of the Bureau of Fire and Arson Investigations. Detective Joseph Pietrafesa arrived and after initial scene examination, consideration of physical evidence, interviews and supporting conditions, the fire was classified as accidental in nature. A possible malfunction in a CNC woodcutting machine may have ignited wood and sawdust during its programmed operation. The estimated loss for the building and contents was approximately \$2.5 million.

RECOGNITION AND AWARDS

In 2012, Detective Charles Toledo was recognized as Florida's Advisory Committee on Arson Prevention (FACAP) Investigator of the Year. The award was in recognition of the detective as a member of a team of investigators that worked together on a major joint investigation known as *Operation Candlelight*.



REQUESTS FOR INVESTIGATIVE ASSISTANCE CAN BE MADE 24 HOURS A DAY THROUGH THE FOLLOWING STATE LAW ENFORCEMENT RADIO SYSTEM (SLERS) COMMUNICATIONS CENTERS:

Dispatch Centers

Tallahassee (800) 459-6861
Jacksonville (800) 387-1290
Tampa (866) 369-4613
Orlando (800) 226-5350
Miami (305) 470-2500
FT. MYERS (866) 833-2715
Lake Worth (561) 357-4000

BFAI Region(s)

Northwest and North
Northeast and North
South Central
North Central
South
South and South Central
South

BUREAU STATISTICS

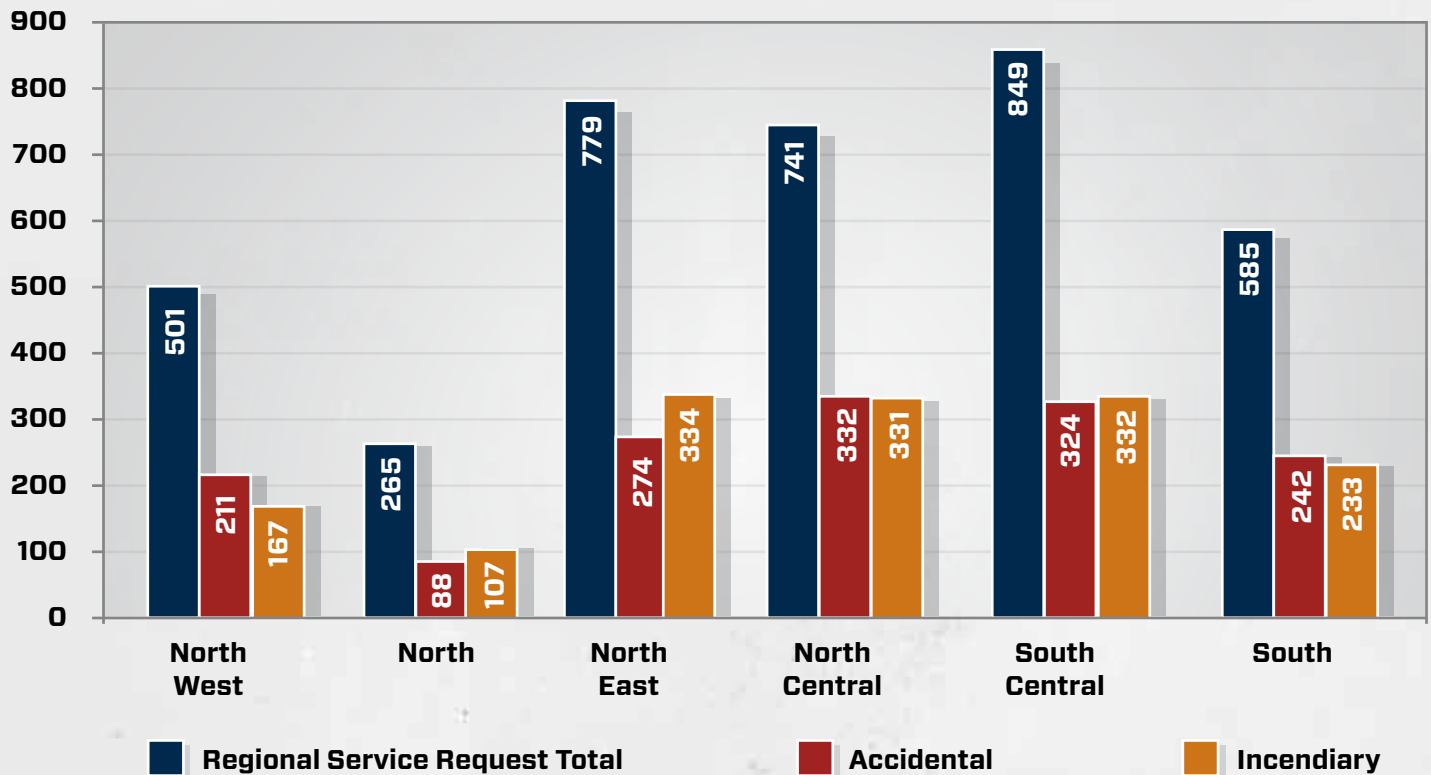
During the 2012 calendar year, the Bureau of Fire and Arson Investigations received 3,720 new requests for investigative assistance from fire departments, law enforcement agencies, federal and state agencies, individuals and insurance companies.

Investigative responses are classified according to type of incident:

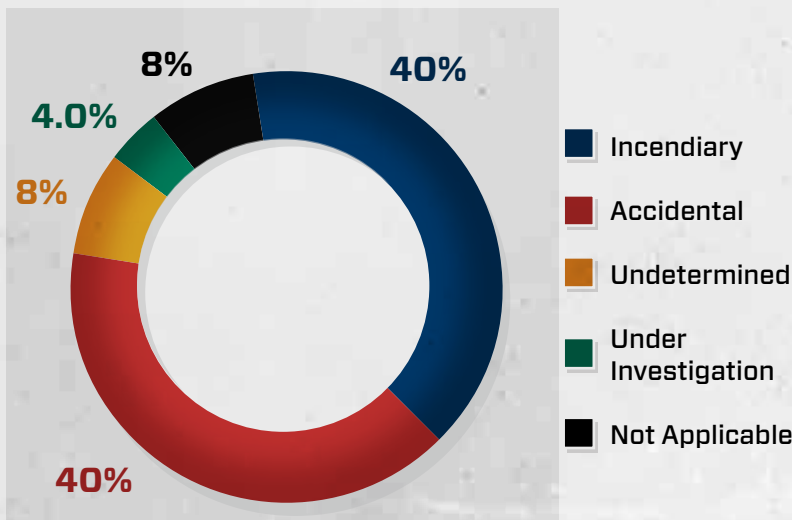
Attempted Fire	18	Miscellaneous – EOD	85
Explosion	36	Miscellaneous – Other	185
Fire	3,396		

This year, the bureau conducted investigations on properties that resulted in estimated losses of nearly \$166 million. Of this estimated property loss, approximately \$69 million was attributed to the crime of arson.

OVERVIEW OF 2012 BUREAU STATISTICS

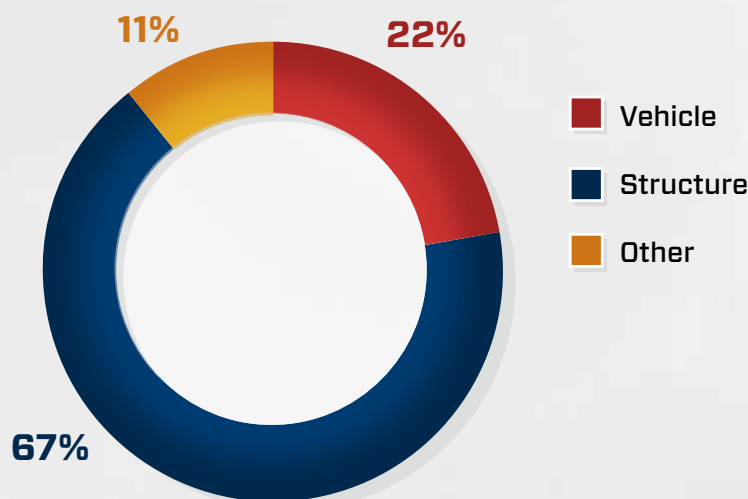


2012 INVESTIGATIONS - CAUSES REPORTED



The bureau classifies their investigative findings as – *incendiary, accidental, undetermined or not applicable*. An incendiary fire is defined as “a willfully and unlawfully set fire.” A **not applicable** finding is used when an investigation involves a non-fire related incident such as outstanding warrants, suspicious packages or other non-fire requests for assistance. In 2012, The bureau determined 1,504 cases to be incendiary.

2012 TYPE OF INCIDENTS INVESTIGATED



CLEARANCE RATES

Sworn personnel of the bureau cleared 434 investigative cases in 2012, resulting in the arrest of 552 defendants. This information is based on an arrest date occurring in 2012 and often includes on-going investigations from previous years, not just cases initiated in 2012. Of the 434 cases cleared, 370 of these investigations were classified as incendiary fires. This represents a clearance rate for incendiary fires of 24.6 percent, which is above the reported national arrest average of 16-18 percent. Charges against the perpetrator(s) included arson, burning to defraud the insurer, insurance fraud, murder, grand theft, criminal mischief, and possession/placement/discharge of a destructive device, along with other related crimes.

In addition to arrests made in association with incendiary fire cases, our sworn investigators will often encounter situations which are not associated with arson-related crimes (i.e. burglary, theft, fraud, assault, probation violation, drug/drug paraphernalia and wanted persons). Bureau detectives arrested 153 defendants for these types of criminal activities.

ARSON PENALTIES

Arson is a devastating crime and the penalties associated with arson reflect Florida's commitment to punish offenders. In Florida, the crime of arson is punishable by imprisonment, fines and restitution. Currently under Florida law, anyone who willfully starts a fire which damages a dwelling, a structure occupied by a person, or any structure where persons are normally present is guilty of a first-degree felony punishable by up to 30 years in prison. In cases where a juvenile is convicted of arson, state courts can order restitution to be paid by the parents of the juvenile arsonists. Florida law permits juvenile arsonists as young as 14 years of age to be prosecuted as adults.





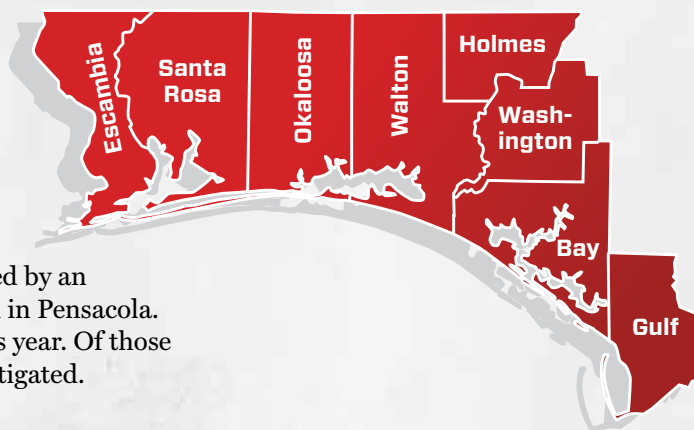
BUREAU OF FIRE AND ARSON INVESTIGATIONS FIELD OPERATIONS

DISTRICT 1

Major Mark Trammell is the Commander of Field Operations for District One which is composed of three geographic regions (Northwest, North and Northeast). Major Trammell is headquartered in Tallahassee and can be contacted by phone at (850) 413-3669.

Northwest Region

The Northwest Region has two field offices that service the eight western-most Florida counties, totaling 6,064 square miles. The Northwest Region is under the command of Captain Kevin Fiedor. Six law enforcement detectives cover calls for service in Escambia, Santa Rosa, Okaloosa, and north Walton counties. Lieutenant Thomas Barron coordinates the activities of four law enforcement detectives assigned to the Panama City Field Office. This office covers south Walton, Bay, Holmes, Washington, and Gulf counties. The Region is supported by an administrative secretary and a crime intelligence analyst located in Pensacola. The Northwest Region responded to 501 requests for service this year. Of those requests, 211 accidental fires and 167 incendiary fires were investigated.



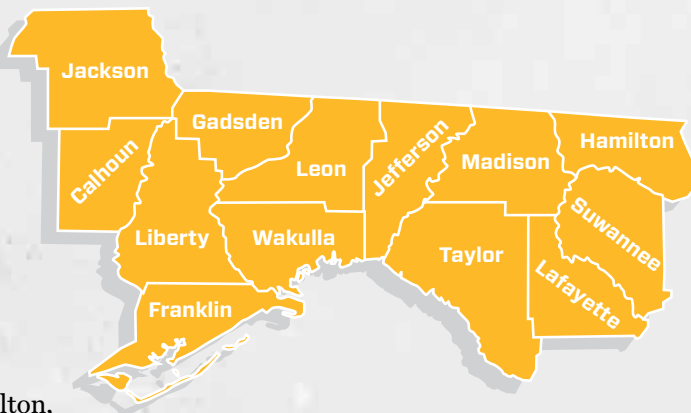
Pensacola Field Office: (850) 453-7803
 Panama City Field Office: (850) 747-5888

Counties of Assignment: Escambia, Santa Rosa, Okaloosa, Walton, Bay, Holmes, Washington and Gulf

Specialized Units: Explosive Ordnance Disposal (EOD) Team, Accelerant Detection Canine Team (ADC), Computer Voice Stress Analyzer (CVSA), and Crime Intelligence Analyst (CIA)

North Region

The North Region is under the command of Captain Thomas Bosco. The Region is composed of 13 counties covering 9,719 square miles. The field operations of the Region's six detectives are coordinated by Lieutenant Jason Roberts. The region has one administrative secretary and one crime intelligence analyst. The North Region responded to 265 requests for service this year. Of those requests, 88 accidental fires and 107 incendiary fires were investigated.



Tallahassee Field Office: (850) 413-3900
 Counties of Assignment: Calhoun, Franklin, Gadsden, Hamilton, Jefferson, Jackson, Lafayette, Leon, Liberty, Madison, Suwannee, Taylor and Wakulla

Specialized Units: Explosive Ordnance Disposal Unit (EOD), Computer Voice Stress Analyzer (CVSA), Accelerant Detection Canine Team (ADC), Crime Intelligence Analyst (CIA)

Northeast Region

The Northeast Region is under the command of Captain Phil Roman and consists of 14 counties in the northeast Florida area. The Region is divided into two field offices, Jacksonville and Ocala.

Both field offices are supported by administrative secretaries. The Region has one crime intelligence analyst. The Jacksonville Field Office is under the supervision of Lieutenant Robby Stephens and serves seven counties. There are seven law enforcement detectives assigned to the Jacksonville Field Office. The Ocala Field Office is under the supervision of Lieutenant Matt Legler and serves nine counties. There are five law enforcement detectives assigned to the Ocala Field Office. The Northeast Region responded to 779 requests for service this year. Of those requests, 274 accidental fires and 334 incendiary fires were investigated.

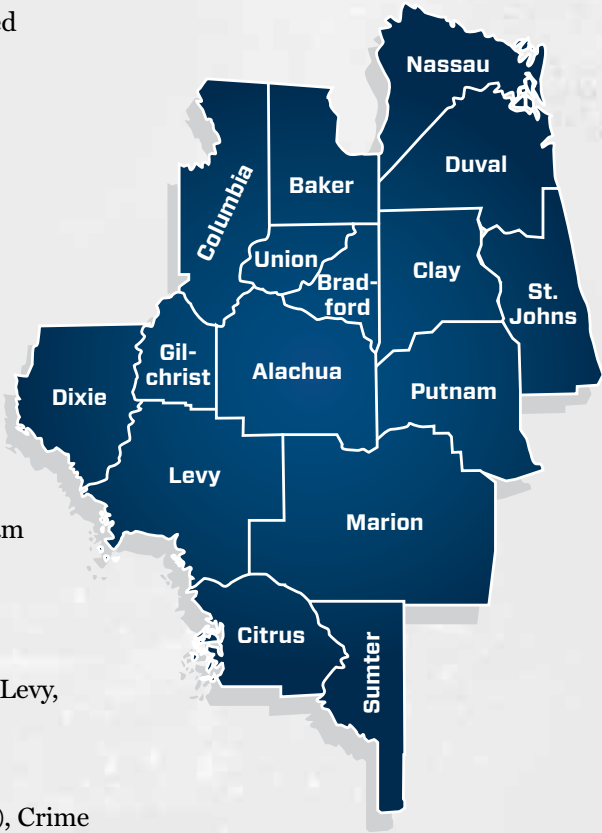
Jacksonville Field Office: (904) 798-5804

Counties of Assignment: Baker, Bradford, Clay, Duval, Nassau, Putnam and St. Johns

Ocala Field Office: (352) 369-2801

Counties of Assignment: Alachua, Citrus, Columbia, Dixie, Gilchrist, Levy, Marion, Sumter and Union

Specialized Units: Accelerant Detection Canine Team (ADC), Computerized Voice Stress Analyzer (CVSA), Crime Intelligence Analyst (CIA)



DISTRICT 2

Major Brandon Ball is the Commander of Field Operations for District Two, which is composed of three geographic regions (North Central, South Central and South). Major Ball is headquartered in Lake Wales and can be contacted by phone at (863) 679-4185.

North Central Region

The North Central Region is under the command of Captain Bernie Kleinschmidt and consists of seven counties. Lieutenants Cindy Campina and Jason Herrman lead the Orlando squad of detectives and Lieutenant Greg Kunkle leads the Daytona Beach Field Office. Both field offices are supported by administrative secretaries. The Orlando Field Office covers a three-county territory and is supported by nine law enforcement detectives. The Daytona Beach Field Office covers a four-county area and is supported by five law enforcement detectives. The North Central Region responded to 741 requests for service this year. Of those requests, 332 accidental fires and 331 incendiary fires were investigated.

Orlando Field Office: (407) 316-4790

Counties of Assignment: Orange, Osceola and Lake



Daytona Beach Field Office: (386) 323-0904

Counties of Assignment: Brevard, Seminole, Volusia and Flagler

Specialized Units: Computer Voice Stress Analyzer (CVSA), Crime Intelligence Analyst (CIA), Accelerant Detection Canine Team (ADC)

South Central Region

The South Central Region is under the command of Captain Tammy White and consists of 13 counties. The Region is composed of field offices in Tampa, Lake Wales and Ft. Myers.

The Tampa Field Office is under the supervision of Lieutenant Eric Saccasyn and is supported by seven law enforcement detectives, an administrative secretary and a crime intelligence analyst supervisor, with a service area of six counties. The Lake Wales Field Office is supervised by Lieutenant Stacy McIntyre and is supported by seven law enforcement detectives, with a coverage area of four counties. The Ft. Myers Field Office is supervised by Lieutenant Joseph Minervini and is supported by five law enforcement detectives and an administrative secretary, with a coverage area of three counties. The South Central Region responded to 849 requests for service in 2012. Of those requests, 324 fires were classified as accidental and 332 were classified as incendiary. The SC Region Bomb Squad (EOD Team) responded to nearly 62 requests for service. Members of Team South Central arrested over 85 suspects for a variety of crimes from arson to homicide.



Tampa Field Office: (813) 972-8604

Counties of Assignment: Hernando, Hillsborough, Manatee, Pasco, Pinellas and Sarasota

Lake Wales Field Office: (863) 679-4180

Counties of Assignment: Polk, Highlands, Hardee and DeSoto

Ft. Myers Field Office: (239) 278-7525

Counties of Assignment: Charlotte, Collier and Lee

Specialized Units: Computerized Voice Stress Analyzer (CVSA), Explosive Ordnance Disposal Team (EOD), Accelerant Detection Canine Team (ADC), Explosives Detection Canine Team (EDC), Criminal Intelligence Analyst Supervisor (CIAS)

South Region

The South Region is supervised by Captain Ross Holt and consists of 10 counties, with offices located in West Palm Beach and Plantation.

The Plantation Field Office is under the supervision of Lieutenant Greg Gilkey and consists of nine law enforcement detectives responsible for providing service to three counties. The West Palm Beach Field Office is under the direction of Lieutenant Anthony Stafford and consists of three law enforcement detectives responsible for providing service to seven counties. The South Region responded to 585 requests for service this year. Of those requests, 242 accidental fires and 233 incendiary fires were investigated.

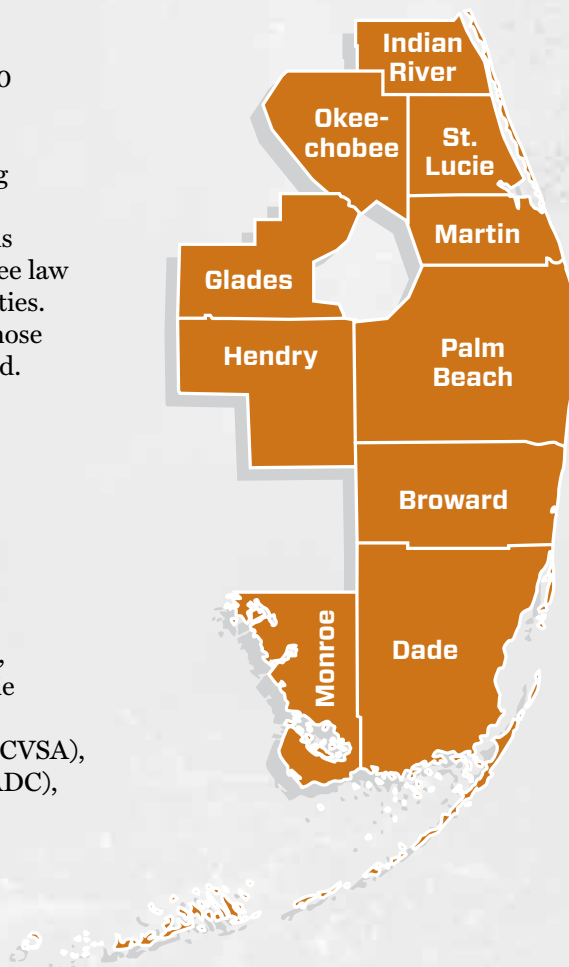
Plantation Field Office: (954) 321-3704

Counties of Assignment: Broward, Dade and Monroe

West Palm Beach Field Office: (561) 640-6704

Counties of Assignment: Glades, Hendry, Indian River, Martin, Okeechobee, Palm Beach and St. Lucie

Specialized Units: Computerized Voice Stress Analyzer (CVSA), Accelerant Detection Canine Team (ADC), Criminal Intelligence Analyst (CIA).





FLORIDA FIRE INCIDENT REPORTING SYSTEM

The Florida Fire Incident Reporting System (FFIRS) is charged with establishing and maintaining an electronic communication system; receiving fire and emergency incident information from fire departments; as well as preparing and disseminating annual reports to the Governor, President of the Senate, Speaker of the House of Representatives, fire protection agencies and the public. Established under Florida Statute 633.136 within the Division of State Fire Marshal, the Section also provides state and federal agencies with fire and emergency data, establishes procedures and a format for each fire protection agency, and establishes an electronic information database to protect the citizens of the State of Florida.

The Division of State Fire Marshal manages FFIRS in conjunction with the National Fire Incident Reporting System (NFIRS). The National Fire Information Council (NFIC) is committed to enhancing public safety through the collection and dissemination of timely, accurate and useable fire-related emergency response information. The council's vision is to be the leading subject matter expert for NFIRS and NFIC's goal is to encourage every fire service organization to institute the NFIRS program.

The information presented in this report is based primarily on data submitted from each bureau within the Division of State Fire Marshal. Professional and dedicated firefighters in the State of Florida are the original sources of the 2.6 million individual fire and EMS incident reports, submitted by local fire departments throughout Florida in 2012. The Division of State Fire Marshal also uses classified information obtained from the Florida Forest Service (FFS) and the Florida Department of Health (DOH). Their data provides FFIRS a collection of Florida county wildfire statistics and civilian fire-related deaths.

Although FFIRS is solely voluntary, the section has achieved a 94 percent reporting rate over the last five years, thanks to the support and efforts of the Division of State Fire Marshal (SFM), the Fire & Emergency Incident Information System Technical Advisory Panel (FEIISTAP) and fire service professionals at the state and local level. The FEIISTAP members are appointed by the State Fire Marshal to assist the division with administration of FFIRS. In making appointments, the State Fire Marshal considers geography, population and other factors to give representation to the state-at-large rather than to any particular area. Out of the 15 required members, one comes from DOH, one comes from FFS and 13 come from the Firefighters Employment, Standards, and Training Council. Their combined information is available for use in directing efforts in reducing the state's fire problem and helps make Florida a safer place.

The United States Fire Administration's (USFA) Data Entry Tool Software is available to *National Fire Incident Reporting System* users, and is accessible from the NFIRS website, www.nfirs.fema.gov/webtools. Access to the tools is still granted through user accounts, and the accounts are still created and managed by your state NFIRS program manager. Join the Division of State Fire Marshal and FFIRS in its endeavor to Fight Fires with Facts! If assistance is needed, please contact FFIRS at (850) 413-3698 or ffirs@myfloridacfo.com.



Matt Hinson
Statistician II



CIVILIAN DEATHS FROM FIRES

Department of Health, Vital Statistics Section

The following civilian fire death statistics are based on death certificates received from the 24 Regional Medical Examiner offices in the State of Florida, identifying the underlying or sub-causes of fire-related deaths. The Department of Health's (DOH) Office of Vital Statistics then applies the proper codes for the cause of death, using codes defined by the tenth revision of the International Classification of Disease (ICD).

Based on the National Fire Protection Association (NFPA), fire deaths and only fire deaths are primarily identified by the code range for accidental fire exposure X00-X09. The X00-X09 range includes most, but not all, fire deaths. The code refers to uncontrolled

vs. controlled building/structure or non-building/structure fires. Using these guidelines, the State of Florida had a total of 99 civilian fire deaths.

Deaths due to homicides (X97) and suicides (X76) involving smoke, fire or flames; pathological fire-setting (F63.1); discharge of fireworks (W39); and exposures to smoke, fire or flame with undetermined intent (Y26) are not included in the NFPA standards, but are included by the Consumer Product Safety Commission (CPSC), Tri-Data and the United States Fire Administration (USFA) when performing state-by-state analysis. Utilizing the five additional categories based on their methodology, the State of Florida civilian fire

fatalities would increase to 123 (an additional 19.5 %).

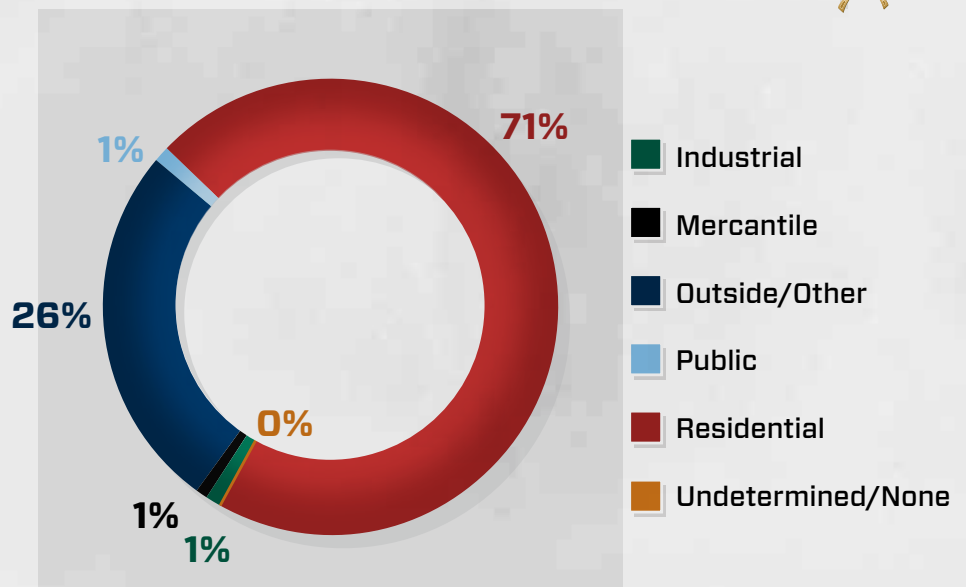
Excluded from NFPA, CPSC, Tri-Data and USFA analyses are fire deaths in vehicles, which would increase the civilian fire deaths in 2012 to 147 (an additional 16.3%). The State of Florida has included in its analysis deaths due to explosions (code range W35-W40), intentional self-harm by explosive materials (X75), assault by explosive materials (X96) and contact with explosive materials, undetermined intent (Y25). These deaths are not readily identifiable in the DOH Vital Statistics Database. The additional eight categories bring Florida civilian fire and explosion fatalities to 160 (a further increase of 8.3 %).

CIVILIAN DEATHS FROM FIRES BY PROPERTY USE



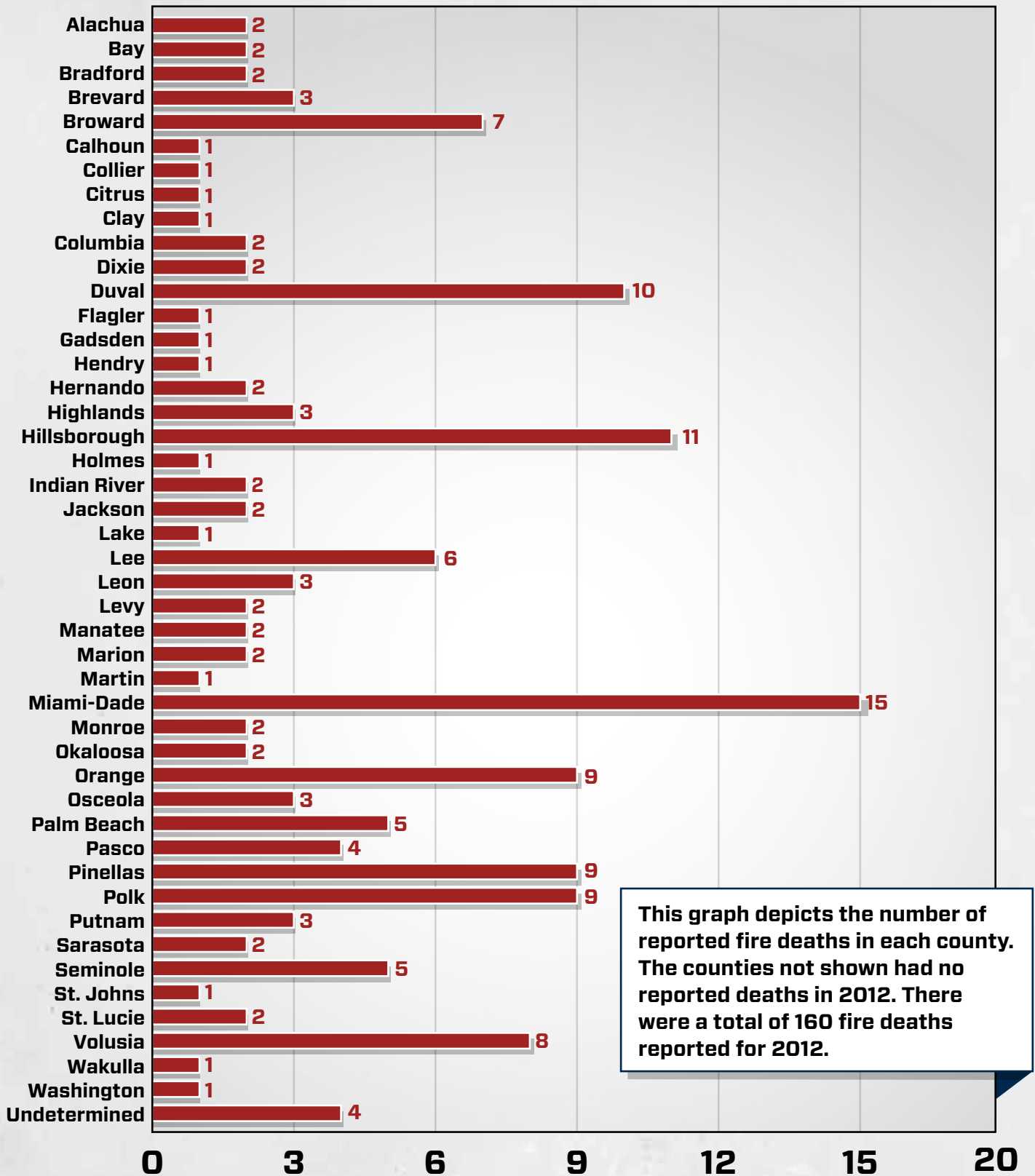
CIVILIAN DEATHS FROM FIRES BY PROPERTY USE

The following graph depicts 160 civilians that died from fire related incidents based on data received from the Department of Health, Vital Statistics Section. This represents a 17.5 percent increase in total fire related deaths compared to 2011.





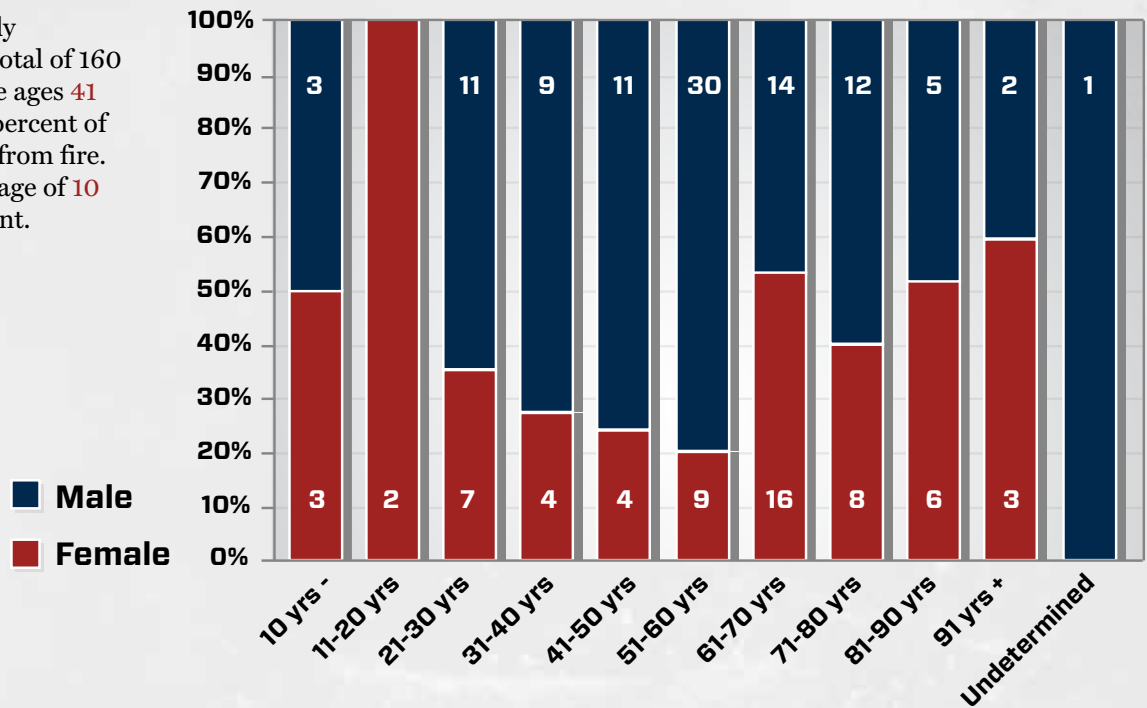
CIVILIAN DEATHS FROM FIRES BY COUNTY





CIVILIAN FIRE DEATHS BY AGE AND SEX

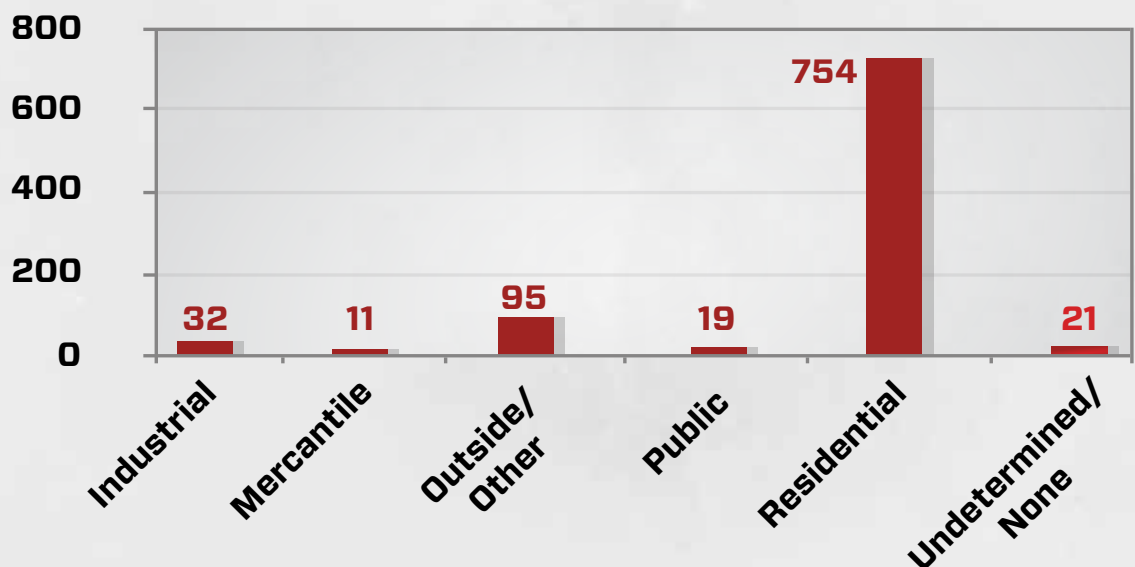
Fire education is extremely important. There were a total of 160 fire deaths in 2012. People ages 41 and older account for 75 percent of Florida's reported deaths from fire. Small children under the age of 10 make up almost 3.8 percent.



CIVILIAN INJURIES FROM FIRES BY PROPERTY USE



During 2012, 932 civilians were injured based on data received from fire departments. Residential properties continue to have the greatest number of fire injuries among structure fires. Each year, many factors contribute to the number of fire-related injuries, but cooking remains one of the most prominent factors with 45.2 percent of residential property fires originating in the kitchen.





FLORIDA COUNTIES FIRE

COUNTIES	STRUCTURE FIRES	VEHICLE FIRES	OTHER FIRES	EXPOSURES	TOTAL FIRES	RESCUE EMS	OTHER CALLS	FALSE ALARMS
ALACHUA	260	111	489	0	860	31,844	3,300	1,799
BAKER	43	26	92	0	161	1,325	313	48
BAY	246	92	333	7	678	10,342	5,275	1,661
BRADFORD	38	25	125	0	188	2,068	893	72
BREVARD	331	210	790	17	1,348	96,865	12,063	3,188
BROWARD	1,546	799	1,483	28	3,856	187,462	45,796	17,079
CALHOUN	15	19	45	0	79	207	125	11
CHARLOTTE	99	81	289	16	485	16,689	6,863	745
CITRUS	123	70	255	18	466	3,896	2,575	356
CLAY	85	60	229	4	378	14,707	3,790	367
COLLIER	206	140	551	19	916	27,301	9,125	3,168
COLUMBIA	99	66	216	3	384	2,699	1,106	166
DESOTO	33	27	132	4	196	2,510	351	142
DIXIE	44	17	74	0	135	609	263	25
DUVAL	701	486	1,344	15	2,546	91,263	22,988	5,648
ESCAMBIA	344	172	755	11	1,282	10,352	5,082	2,139
FLAGLER	89	38	194	1	322	14,152	4,122	675
FRANKLIN	1	6	30	0	37	127	50	2
GADSDEN	104	63	156	4	327	519	2,493	316
GILCHRIST	45	23	95	4	167	1,309	437	40
GLADES	12	8	41	0	61	359	168	4
GULF	11	6	39	0	56	113	86	21
HAMILTON	16	28	100	0	144	291	282	21
HARDEE	31	24	182	0	237	2,971	619	133
HENDRY	85	48	298	1	432	3,158	2,874	249
HERNANDO	109	96	244	10	459	22,818	4,801	832
HIGHLANDS	84	60	226	4	374	3,472	1,235	303
HILLSBOROUGH	1,046	651	1,569	25	3,291	104,945	21,308	7,014
HOLMES	14	9	33	0	56	86	149	26
INDIAN RIVER	92	57	270	2	421	20,658	1,497	915
JACKSON	73	37	124	0	234	4,650	240	104
JEFFERSON	18	17	63	0	98	114	243	52
LAFAYETTE	2	1	1	0	4	0	8	0
LAKE	215	153	691	9	1,068	29,818	8,210	1,701
LEE	517	280	1,121	26	1,944	63,593	20,032	5,199
LEON	410	179	776	29	1,394	11,842	7,443	2,065
LEVY	56	34	190	0	280	1,649	599	66
LIBERTY	7	0	4	0	11	5	8	0



AND NON-FIRE TOTALS

TOTAL INCIDENTS	ADD MUTUAL AID GIVEN	TOTAL RESPONSES	TOTAL DOLLAR LOSS	CIVILIAN INJURIES	FIREFIGHTER INJURIES
37,803	1,070	38,873	\$4,510,755.00	6	2
1,847	183	2,030	\$804,126.00	0	0
17,956	317	18,273	\$19,418,286.00	4	5
3,221	305	3,526	\$616,037.00	2	0
113,464	1,329	114,793	\$12,714,120.00	13	20
254,193	6,235	260,428	\$27,205,326.00	97	146
422	137	559	\$723,650.00	0	1
24,782	163	24,945	\$867,370.00	2	1
7,293	929	8,222	\$3,864,832.00	5	2
19,242	1,171	20,413	\$3,739,525.00	0	0
40,510	2,370	42,880	\$9,023,362.00	18	22
4,355	247	4,602	\$3,031,365.00	1	0
3,199	7	3,206	\$1,747,751.00	0	0
1,032	124	1,156	\$2,303,325.00	0	3
122,445	33	122,478	\$20,090,122.00	44	17
18,855	90	18,945	\$7,735,627.00	11	2
19,271	812	20,083	\$1,481,932.00	5	1
216	7	223	\$100.00	0	0
3,655	143	3,798	\$1,449,391.00	5	5
1,953	214	2,167	\$1,564,000.00	0	1
592	77	669	\$581,050.00	0	0
276	23	299	\$238,700.00	0	0
738	253	991	\$727,500.00	2	0
3,960	37	3,997	\$55,451.00	0	3
6,713	140	6,853	\$175,220.00	0	8
28,910	362	29,272	\$2,933,274.00	4	4
5,384	1,566	6,950	\$1,782,972.00	6	4
136,558	649	137,207	\$22,355,165.00	32	16
317	63	380	\$813,000.00	1	0
23,491	13	23,504	\$2,453,785.00	0	0
5,228	213	5,441	\$5,141,920.00	3	2
507	32	539	\$662,750.00	0	0
12	1	13	\$15,000.00	0	0
40,797	3,003	43,800	\$5,290,684.00	5	42
90,768	2,589	93,357	\$12,025,705.00	28	49
22,744	1,736	24,480	\$8,680,574.00	38	12
2,594	1,409	4,003	\$2,088,118.00	1	7
24	0	24	\$107,400.00	1	0



FLORIDA COUNTIES FIRE

COUNTIES	STRUCTURE FIRES	VEHICLE FIRES	OTHER FIRES	EXPOSURES	TOTAL FIRES	RESCUE EMS	OTHER CALLS	FALSE ALARMS
MADISON	35	30	76	0	141	266	243	45
MANATEE	265	140	538	20	963	15,893	3,336	2,506
MARION	292	199	555	0	1,046	67,004	9,022	1,774
MARTIN	72	57	193	1	323	15,222	3,202	714
MIAMI-DADE	1,970	1,135	2,258	99	5,462	261,933	30,232	21,503
MONROE	95	54	184	0	333	6,591	2,283	1,054
NASSAU	36	43	238	0	317	8,769	1,006	347
OKALOOSA	204	97	221	5	527	14,440	4,752	1,088
OKEECHOBEE	31	36	127	1	195	6,909	740	101
ORANGE	1,038	640	1,606	9	3,293	120,419	20,088	14,923
OSCEOLA	269	184	418	17	888	27,619	5,775	2,130
PALM BEACH	857	575	1,219	5	2,656	157,466	27,394	14,658
PASCO	343	229	533	62	1,167	29,817	8,416	2,208
PINELLAS	1,124	374	1,111	55	2,664	133,042	26,144	7,174
POLK	693	331	1,167	29	2,220	41,426	17,619	2,287
PUTNAM	105	70	267	0	442	12,940	1,891	247
SANTA ROSA	164	61	293	2	520	8,295	2,699	578
SARASOTA	245	171	814	1	1,231	51,787	4,101	3,181
SEMINOLE	252	134	412	2	800	32,223	8,926	2,825
ST. JOHNS	199	116	373	16	704	17,543	4,075	1,310
ST. LUCIE	120	115	426	0	661	29,710	1,678	1,854
SUMTER	86	72	201	2	361	12,229	6,340	600
SUWANNEE	48	39	167	0	254	4,519	671	125
TAYLOR	48	25	76	0	149	205	927	61
UNION	17	7	38	0	62	113	74	6
VOLUSIA	467	259	1,179	9	1,914	51,835	20,488	2,912
WAKULLA	31	7	44	0	82	460	361	55
WALTON	90	50	221	0	361	8,573	1,401	504
WASHINGTON	18	5	21	0	44	13	67	11
TOTAL INCIDENTS	16,464	9,474	28,625	592	55,155	1,924,049	410,763	143,133
MUTUAL AID	3,573	617	2,865	0	7,055	11,134	9,008	3,748
TOTAL RESPONSES	20,037	10,091	31,490	592	62,210	1,935,183	419,771	146,881

* No Data Received

The above statistics are based on the data submitted by 541 fire departments* that reported to the Florida Fire Incident Reporting System (FFIRS) in 2012. There are approximately 574 paid, volunteer and combination fire departments in the State of Florida. A list of the reporting fire departments for this year is located on pages 75-78.



AND NON-FIRE TOTALS (Continued)

TOTAL INCIDENTS	ADD MUTUAL AID GIVEN	TOTAL RESPONSES	TOTAL DOLLAR LOSS	CIVILIAN INJURIES	FIREFIGHTER INJURIES
695	88	783	\$1,538,475.00	0	0
22,698	552	23,250	\$4,743,328.00	23	7
78,846	365	79,211	\$5,433,384.00	10	6
19,461	223	19,684	\$924,266.00	1	3
319,130	260	319,390	\$41,567,666.00	77	12
10,261	474	10,735	\$3,151,650.00	0	0
10,439	1,365	11,804	\$1,695,803.00	0	3
20,807	3,039	23,846	\$4,625,453.00	18	25
7,945	105	8,050	\$1,535,426.00	7	3
158,723	3,978	162,701	\$18,939,971.00	33	151
36,412	1,303	37,715	\$5,524,663.00	15	84
202,174	2,408	204,582	\$22,908,757.00	96	149
41,608	353	41,961	\$11,178,251.00	30	12
169,024	7,816	176,840	\$18,178,503.00	168	157
63,552	1,120	64,672	\$13,804,118.00	24	17
15,520	463	15,983	\$1,506,032.00	2	0
12,092	1,046	13,138	\$3,034,631.00	8	2
60,300	668	60,968	\$7,297,544.00	5	4
44,774	11,754	56,528	\$4,445,531.00	21	75
23,632	461	24,093	\$2,849,684.00	6	1
33,903	6	33,909	\$2,370,755.00	0	0
19,530	1,049	20,579	\$2,703,235.00	4	6
5,569	27	5,596	\$1,810,971.00	1	0
1,342	43	1,385	\$1,776,900.00	0	0
255	50	305	\$229,300.00	0	0
77,149	6,116	83,265	\$8,563,686.00	43	41
958	335	1,293	\$536,800.00	3	0
10,839	1,194	12,033	\$11,239,476.00	3	4
135	14	149	\$1,313,100.00	0	0
2,533,100					
	74,727				
2,533,100		2,607,827	\$394,446,629.00	932	1,137

* Departments must be compliant under the Firefighter's Occupational Safety and Health Act, Rule Chapter 69A-62 and Florida Statutes 633.801 – 633.821, as well as other Florida Statutes and rules to be recognized as a fire department.



2012 FLORIDA WILDFIRES

COUNTY	TOTAL FIRES		0.1 - 0.2 ACRES		0.3 - 9 ACRES	
	# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES
ALL COUNTIES	3,014	67,816.90	767	81.5	1,714	3,957.60
ALACHUA	66	2,250.70	23	2.1	39	68.6
BAKER	34	381.90	9	0.8	21	38.5
BAY	68	860.70	22	2.3	41	83.4
BRADFORD	34	63.30	21	1.5	10	12.3
BREVARD	48	2,675.40	9	0.8	27	62.5
BROWARD	15	9,869.90	2	0.2	5	15.7
CALHOUN	29	372.80	3	0.4	17	44.4
CHARLOTTE	48	639.30	6	0.6	31	66.5
CITRUS	61	153.60	11	1.4	45	93.5
CLAY	61	765.50	19	1.9	33	84
COLLIER	72	1,571.20	6	0.6	39	80.6
COLUMBIA	52	3,339.30	23	2.3	27	59
DESOTO	25	233.30	3	0.3	18	27
DIXIE	42	142.40	20	2.3	18	44.2
DUVAL	35	1,034.20	8	1	24	58.7
ESCAMBIA	17	29.30	4	0.4	13	28.9
FLAGLER	53	198.60	23	2.3	24	60.7
FRANKLIN	16	71.80	8	0.8	4	3
GADSDEN	17	71.60	1	0.1	13	31
GILCHRIST	27	224.90	4	0.4	16	49.5
GLADES	41	926.30	15	1.7	19	28.6
GULF	14	771.30	3	0.3	8	21
HAMILTON	47	172.50	13	1.7	28	32.2
HARDEE	22	123.90	1	0.1	15	33.8
HENDRY	40	860.50	7	0.7	22	76.8
HERNANDO	27	353.80	5	0.8	21	53
HIGHLANDS	103	1,323.50	35	4.4	55	100.1
HILLSBOROUGH	52	1,175.80	4	0.5	32	85.3
HOLMES	21	74.80	5	0.5	13	26.3
INDIAN RIVER	17	931.60	2	0.3	8	16.3
JACKSON	32	323.10	8	1	20	37.1
JEFFERSON	14	102.10	2	0.1	7	11.4
LAFAYETTE	27	480.80	11	1.4	14	29.7
LAKE	61	2,008.60	3	0.2	40	96.9



BY COUNTY AND ACRES BURNED

10 - 99 ACRES		100 - 299 ACRES		300 - 999 ACRES		1,000 - 4,999 ACRES		5,000 ACRES & UP	
# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES
445	12,922.50	52	8,933.40	25	12,282.90	9	16,210.00	2	13,429.00
3	92	0	0	0	0	1	2,088.00	0	0
3	60.3	1	282.3	0	0	0	0	0	0
4	75	0	0	1	700	0	0	0	0
3	49.5	0	0	0	0	0	0	0	0
9	327.1	1	135	1	350	1	1,800.00	0	0
3	95	2	530	0	0	2	3,900.00	1	5,329.00
8	177	1	151	0	0	0	0	0	0
10	408.2	1	164	0	0	0	0	0	0
5	58.7	0	0	0	0	0	0	0	0
7	256.6	2	423	0	0	0	0	0	0
23	615	3	435	1	440	0	0	0	0
1	30	0	0	0	0	1	3,248.00	0	0
4	206	0	0	0	0	0	0	0	0
4	95.9	0	0	0	0	0	0	0	0
2	21.5	0	0	1	953	0	0	0	0
0	0	0	0	0	0	0	0	0	0
6	135.6	0	0	0	0	0	0	0	0
4	68	0	0	0	0	0	0	0	0
3	40.5	0	0	0	0	0	0	0	0
7	175	0	0	0	0	0	0	0	0
5	106	0	0	2	790	0	0	0	0
2	50	0	0	1	700	0	0	0	0
6	138.6	0	0	0	0	0	0	0	0
6	90	0	0	0	0	0	0	0	0
8	263	3	520	0	0	0	0	0	0
0	0	0	0	1	300	0	0	0	0
10	289	1	115	2	815	0	0	0	0
14	415	1	100	1	575	0	0	0	0
3	48	0	0	0	0	0	0	0	0
4	175.5	2	384.5	1	355	0	0	0	0
3	60	1	225	0	0	0	0	0	0
5	90.6	0	0	0	0	0	0	0	0
1	21.8	0	0	1	427.9	0	0	0	0
14	309.8	3	526.7	0	0	1	1,075.00	0	0



2012 FLORIDA WILDFIRES

COUNTY	TOTAL FIRES		0.1 - 0.2 ACRES		0.3 - 9 ACRES	
	# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES
LEE	100	531.80	5	0.5	83	149.3
LEON	24	403.70	7	0.5	12	38.9
LEVY	82	789.50	7	0.9	57	126.8
LIBERTY	14	84.30	2	0.1	10	29.2
MADISON	67	207.50	33	4.1	30	71.6
MANATEE	25	357.50	2	0.3	15	52.2
MARION	74	908.00	8	0.7	56	143.3
MARTIN	33	504.30	10	1.1	15	28.6
MIAMI-DADE	77	1,726.10	14	1.4	49	157.7
MONROE	1	0.10	1	0.1	0	0
NASSAU	65	220.20	28	3.3	33	66.7
OKALOOSA	22	155.00	6	0.7	12	24.5
OKEECHOBEE	38	748.70	10	1.1	18	35.6
ORANGE	55	1,061.00	12	1.6	30	67.8
OSCEOLA	33	1,246.70	4	0.4	18	41.3
PALM BEACH	26	8,686.50	5	0.6	14	46.9
PASCO	39	326.20	2	0.2	32	91.2
PINELLAS	4	53.00	0	0	2	6
POLK	144	5,386.10	13	0.9	84	226.6
PUTNAM	107	757.50	49	2.5	48	105
SANTA ROSA	49	907.10	16	1.5	21	46.1
SARASOTA	60	1,839.60	28	3.1	26	46.5
SEMINOLE	12	47.10	4	0.5	6	7.4
ST. JOHNS	76	510.90	29	3.6	42	86.5
ST. LUCIE	19	250.30	2	0.2	10	20.3
SUMTER	24	565.50	2	0.3	15	74.8
SUWANNEE	72	172.70	21	2.8	44	86.9
TAYLOR	50	221.00	26	3	19	53.4
UNION	19	55.10	5	0.5	12	20.6
VOLUSIA	208	3,832.40	63	7.2	100	245.8
WAKULLA	6	434.20	1	0	3	4.2
WALTON	35	125.00	11	1.3	22	61.7
WASHINGTON	16	124.00	2	0.3	9	33.7



BY COUNTY AND ACRES BURNED

(Continued)

10 - 99 ACRES		100 - 299 ACRES		300 - 999 ACRES		1,000 - 4,999 ACRES		5,000 ACRES & Up	
# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES	# FIRES	# ACRES
12	382	0	0	0	0	0	0	0	0
4	244.3	1	120	0	0	0	0	0	0
17	486.8	1	175	0	0	0	0	0	0
2	55	0	0	0	0	0	0	0	0
4	131.8	0	0	0	0	0	0	0	0
8	305	0	0	0	0	0	0	0	0
8	233	2	531	0	0	0	0	0	0
6	164	2	310.6	0	0	0	0	0	0
9	157	4	710	1	700	0	0	0	0
0	0	0	0	0	0	0	0	0	0
3	42.2	1	108	0	0	0	0	0	0
4	129.8	0	0	0	0	0	0	0	0
8	302	2	410	0	0	0	0	0	0
11	429.6	1	254	1	308	0	0	0	0
7	347	3	458	1	400	0	0	0	0
5	114	0	0	1	425	0	0	1	8,100.00
5	234.8	0	0	0	0	0	0	0	0
2	47	0	0	0	0	0	0	0	0
39	1,308.60	3	370	4	2,480.00	1	1,000.00	0	0
9	227	0	0	1	423	0	0	0	0
8	216.5	4	643	0	0	0	0	0	0
5	116	0	0	0	0	1	1,674.00	0	0
2	39.2	0	0	0	0	0	0	0	0
4	70.8	0	0	1	350	0	0	0	0
7	229.8	0	0	0	0	0	0	0	0
6	219.3	1	271.1	0	0	0	0	0	0
7	83	0	0	0	0	0	0	0	0
5	164.6	0	0	0	0	0	0	0	0
2	34	0	0	0	0	0	0	0	0
38	1,172.20	5	581.2	1	401	1	1,425.00	0	0
1	40	0	0	1	390	0	0	0	0
2	62	0	0	0	0	0	0	0	0
5	90	0	0	0	0	0	0	0	0



2012 SUMMARY STATISTICS

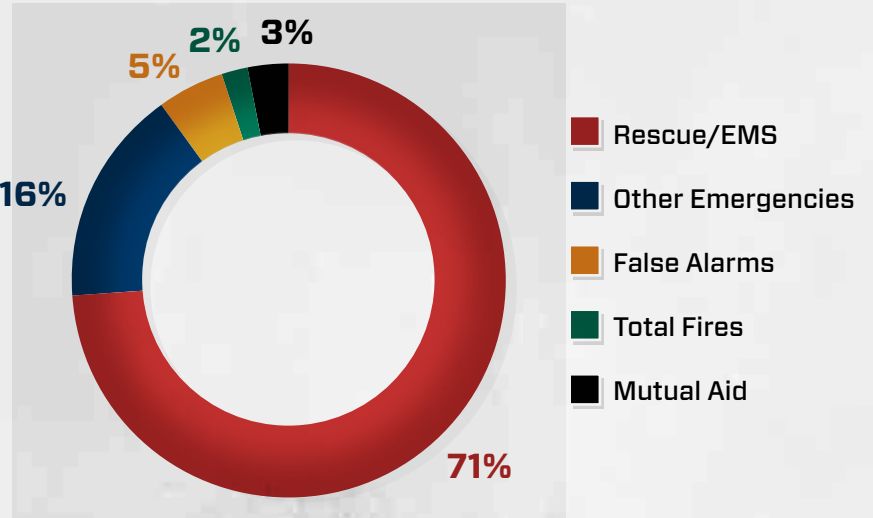
In 2012, fire departments responded to a total of **2,533,100** incidents. When mutual aid calls were added, the total number of reported responses increased to **2,607,827**, which generated more requests for fire department services than in 2011. Total fire response incidents increased by **3.7 percent** and total dollar loss decreased by **40.0 percent**. The number of fire departments that reported to the Florida Fire Incident Reporting System (FFIRS) was **541**, which is an increase of **1.4 percent** from the previous year.

SUMMARY STATISTICS 2012

2012 STATE INCIDENT SUMMARY

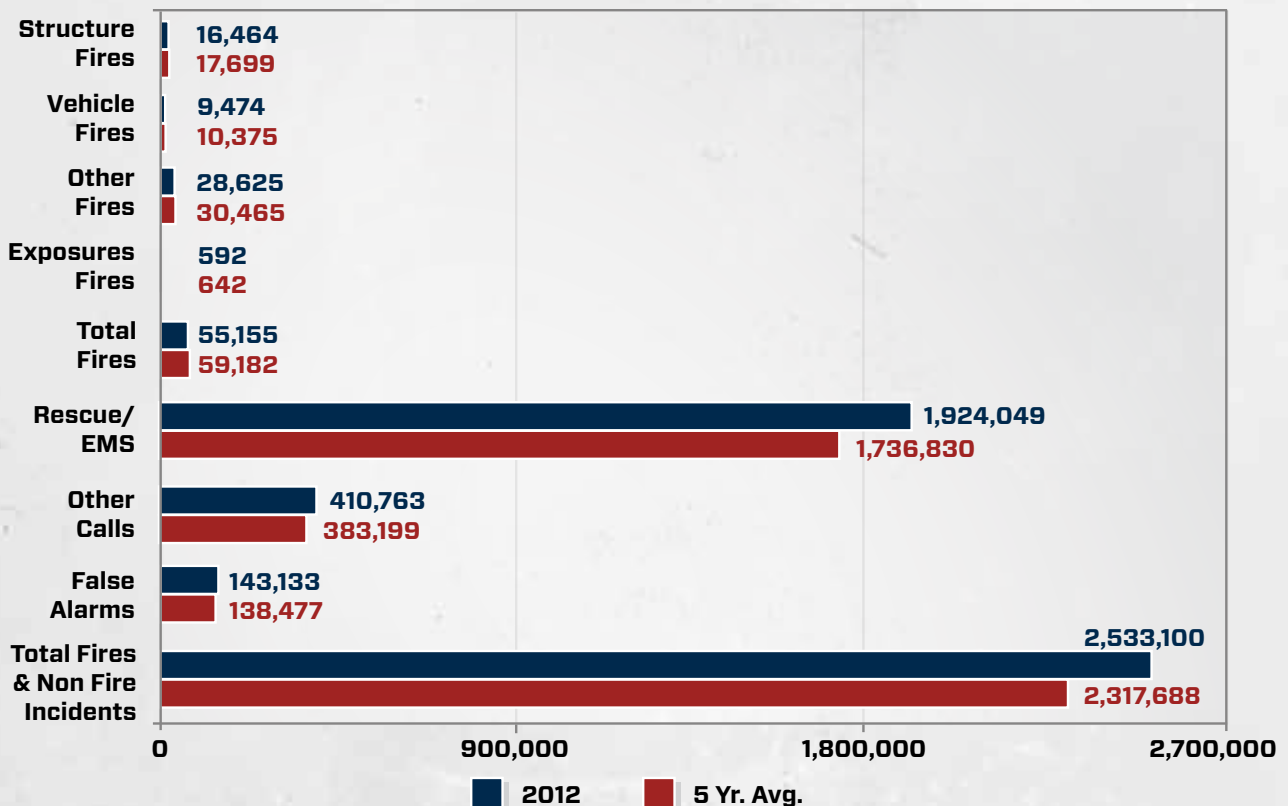
Structure Fires	16,464
Vehicle Fires	9,474
Other Fires	28,625
Exposures Fires	592
Total Fire Incidents	55,155
Rescue/EMS	1,924,049
Other Emergencies	410,763
False Alarms	143,133
Total Non Fire Incidents	2,533,100
Mutual Aid Given	74,727

***Total Incidents plus Mutual Aid Given 2,607,827**



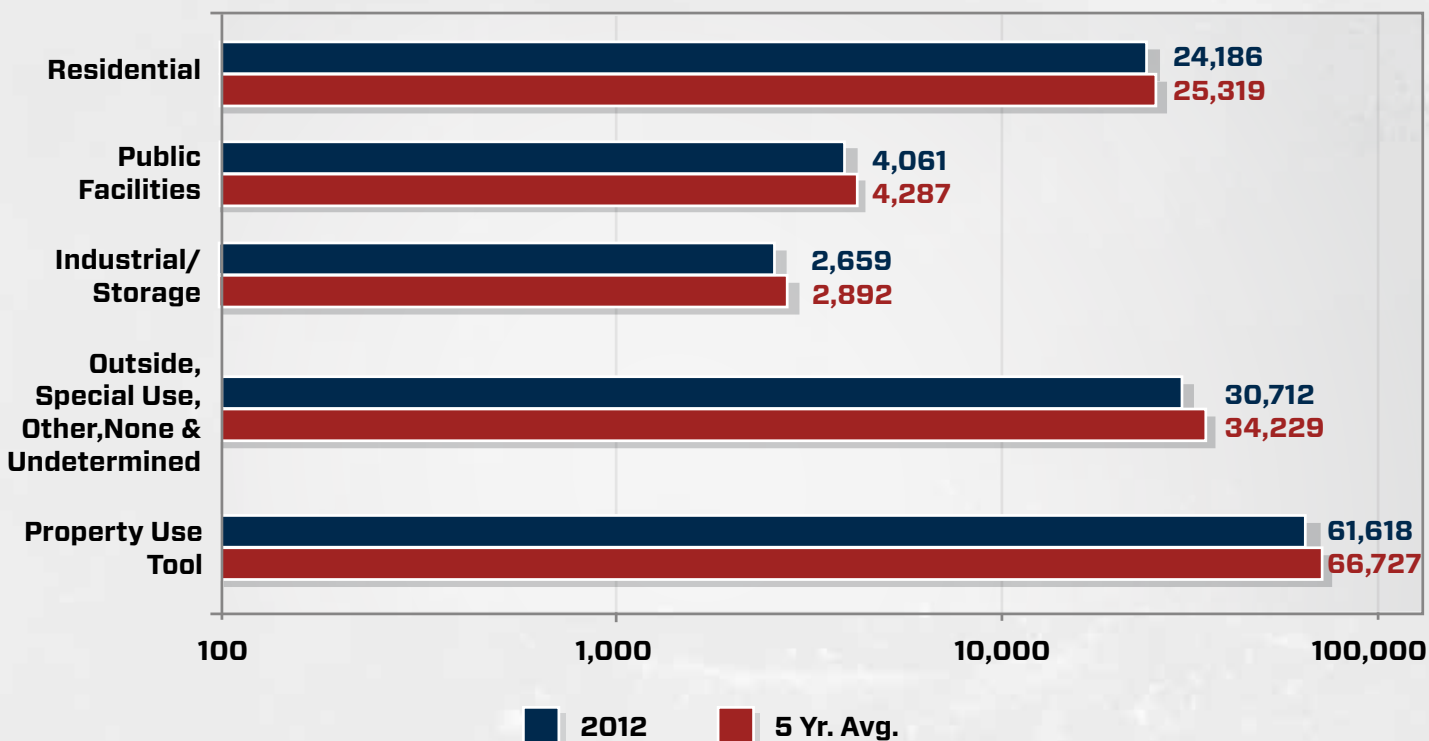
2012 STATE INCIDENT SUMMARY COMPARED TO (2008-2012) 5 YR. AVG.

2012 FIRES & NON-FIRE-RELATED INCIDENTS





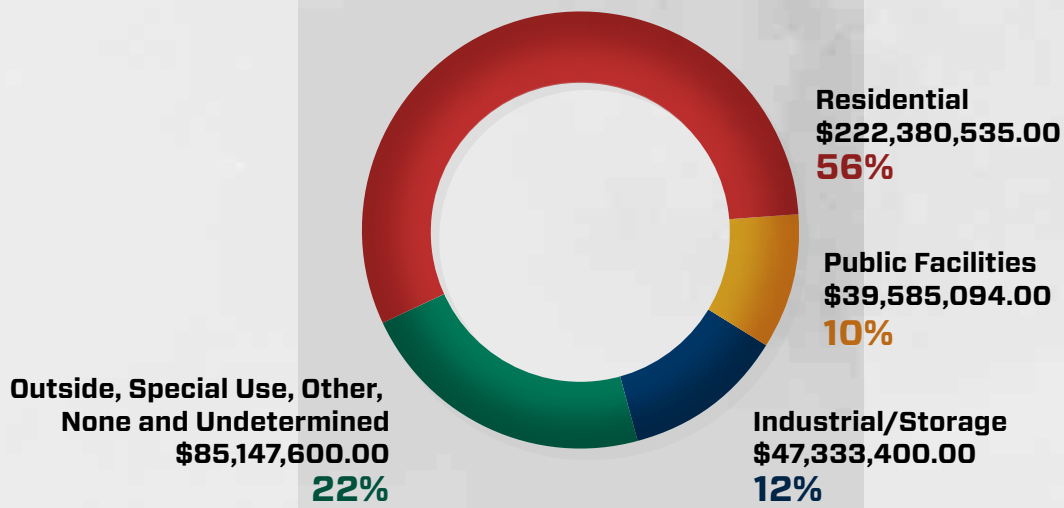
TOTAL BREAKDOWN OF FIRES BY PROPERTY USE



TOTAL STATE DOLLAR LOSS



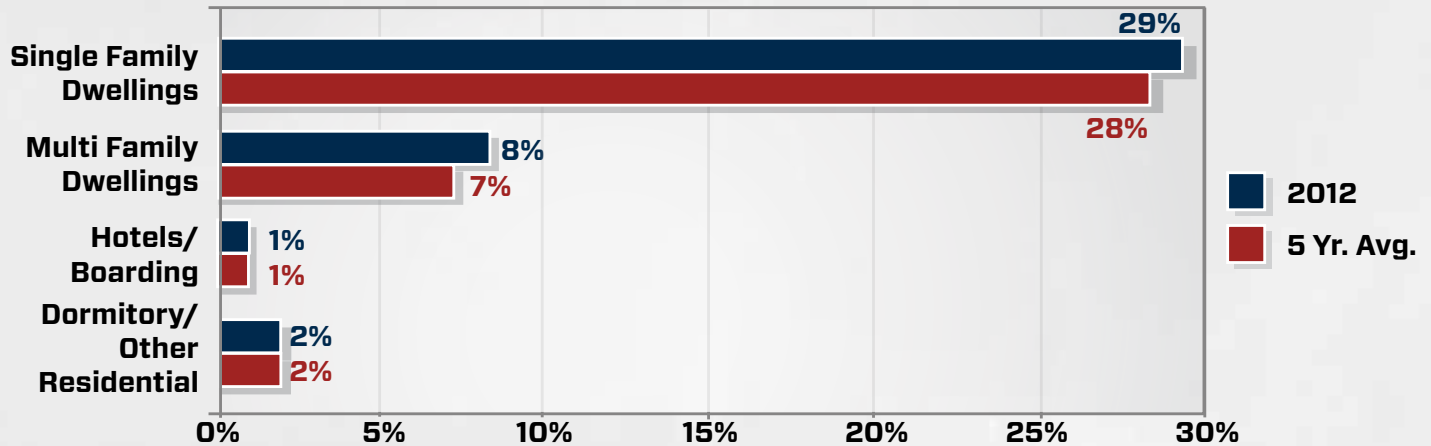
REPORTED VALUE OF PROPERTY LOSS FOR 2012: \$394,446,629.00





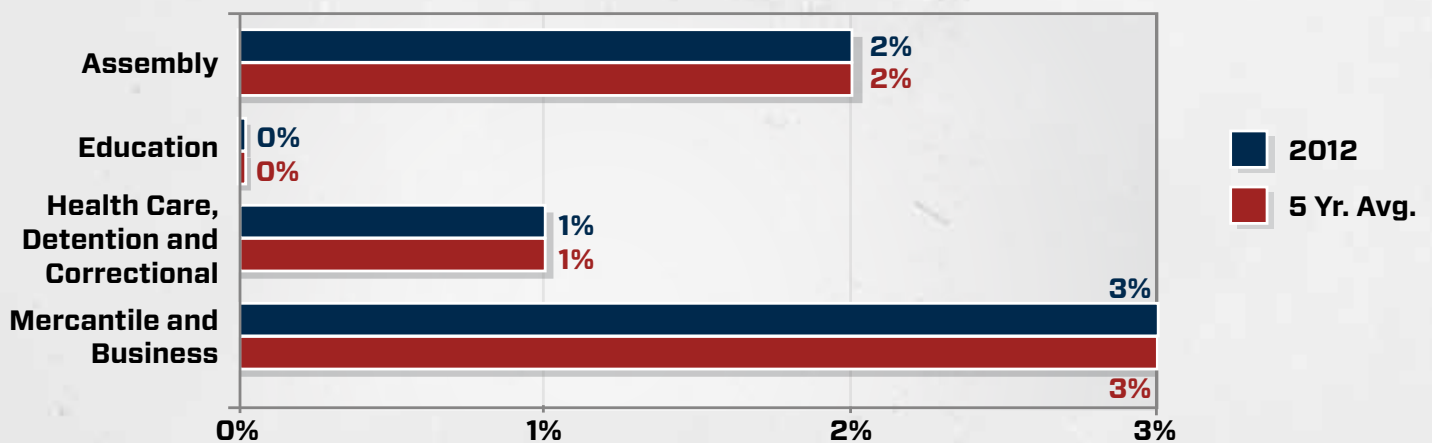
PERCENTAGE OF FIRES AND DOLLAR LOSS COMPARED TO FIVE YEAR AVERAGE BY PROPERTY USE

RESIDENTIAL



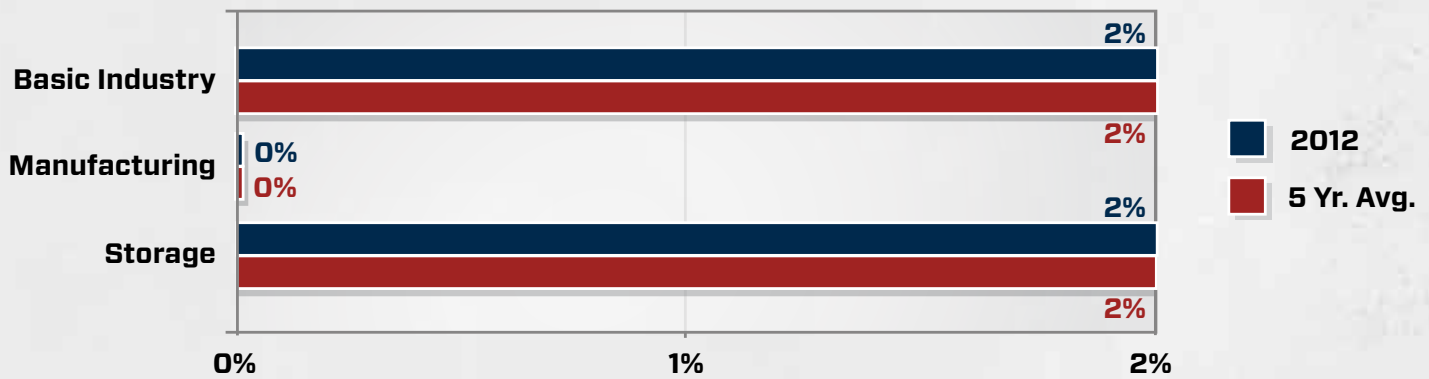
RESIDENTIAL PROPERTY TYPE	2012 # of Incidents	5 Yr. Avg. # Incidents	2012 Total Dollar Loss	5 Yr. Avg. Total Dollar Loss
Single Family Dwellings	17,739	18,894	\$178,977,761.00	\$208,416,890.00
Multi Family Dwellings	4,932	4,782	\$34,025,718.00	\$43,990,713.40
Hotels/Boarding	428	417	\$2,093,650.00	\$6,730,019.40
Dormitory/Other Residential	1,087	1,226	\$7,283,406.00	\$8,897,965.60
Total	24,186	25,319	\$222,380,535.00	\$268,035,588.40

PUBLIC FACILITIES



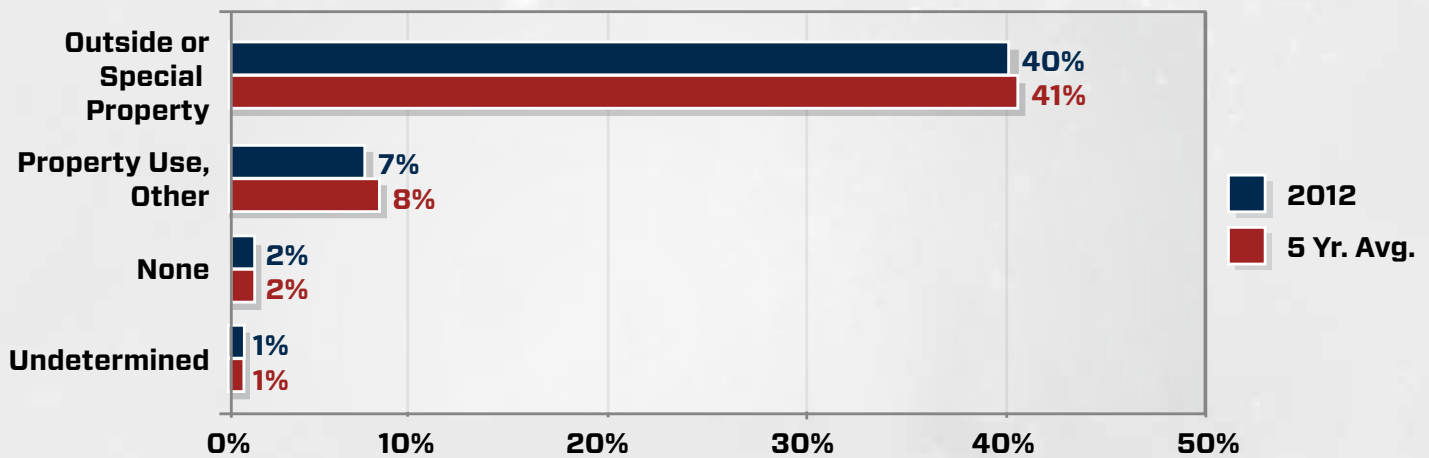
PUBLIC FACILITIES PROPERTY TYPE	2012 # of Incidents	5 Yr. Avg. # Incidents	2012 Total Dollar Loss	5 Yr. Avg. Total Dollar Loss
Assembly	1,395	1,422	\$11,429,535.00	\$17,025,278.40
Education	315	346	\$1,384,424.00	\$1,817,801.00
Health Care, Detention, and Correctional	365	403	\$2,325,780.00	\$1,267,823.80
Mercantile and Business	1,986	2,117	\$24,445,355.00	\$38,401,741.00
Total	4,061	4,287	\$39,585,094.00	\$58,512,644.20

INDUSTRIAL/STORAGE



INDUSTRIAL PROPERTY TYPE	2012 # of Incidents	5 Yr. Avg. # Incidents	2012 Total Dollar Loss	5 Yr. Avg. Total Dollar Loss
Basic Industry	1,389	1,516	\$18,679,309.00	\$53,731,591.60
Manufacturing	171	202	\$5,616,270.00	\$14,867,794.20
Storage	1,099	1,174	\$23,037,821.00	\$30,410,263.00
Total	2,659	2,892	\$47,333,400.00	\$99,009,648.80

OUTSIDE, SPECIAL USE, OTHER, NONE & UNDETERMINED

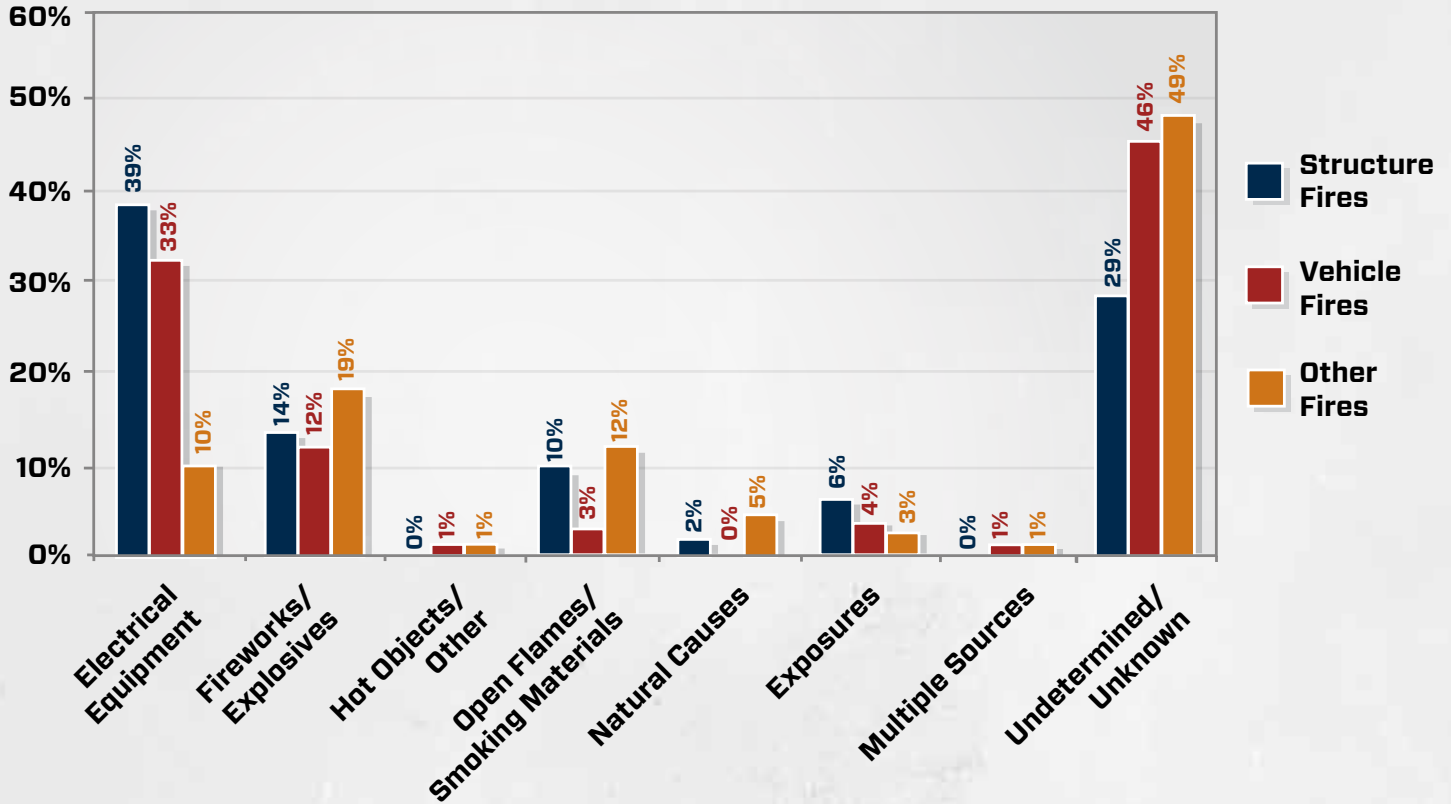


OUTSIDE, SPECIAL USE, OTHER, NONE AND UNDETERMINED PROPERTY TYPE	2012 # of Incidents	5 Yr. Avg. # Incidents	2012 Total Dollar Loss	5 Yr. Avg. Total Dollar Loss
Outside or Special Property	24,808	27,302	\$78,532,760.00	\$460,222,554.60
Property Use, Other	4,344	5,021	\$2,536,444.00	\$3,534,706.00
None	1,135	1,375	\$2,805,716.00	\$3,596,564.20
Undetermined	425	530	\$1,272,680.00	\$2,214,298.80
Total	30,712	34,229	\$85,147,600.00	\$469,568,123.60

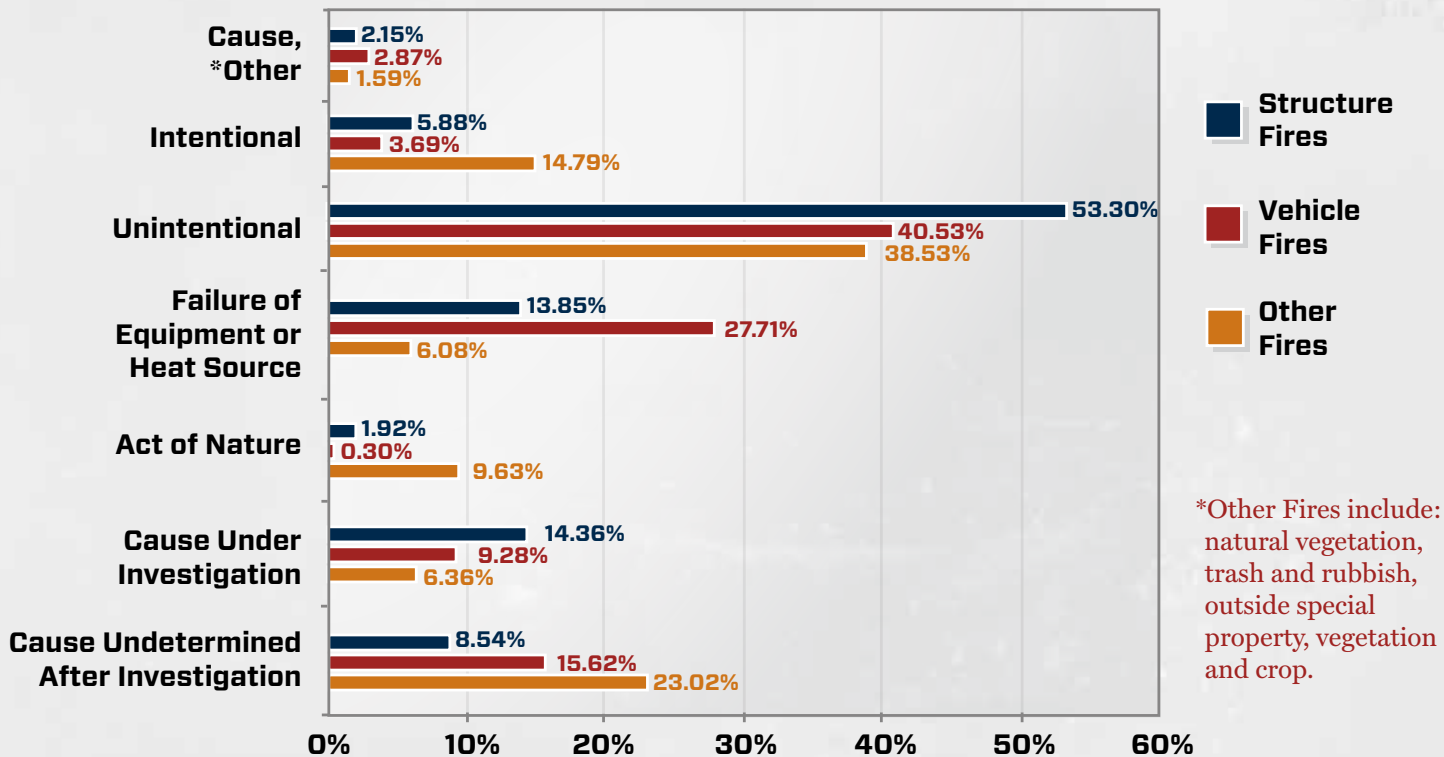


2012 HEAT SOURCE AND CAUSE OF IGNITION PERCENTAGES

STRUCTURE, VEHICLE, & OTHER FIRES HEAT SOURCE

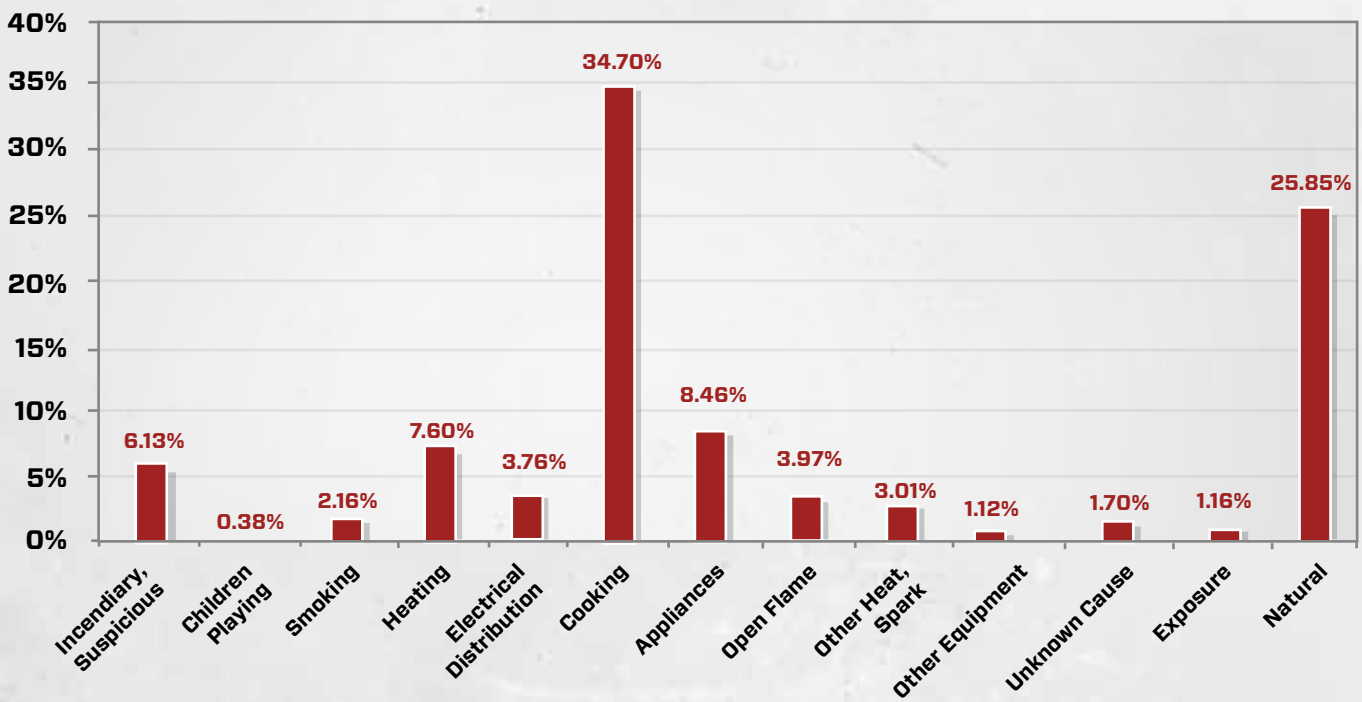
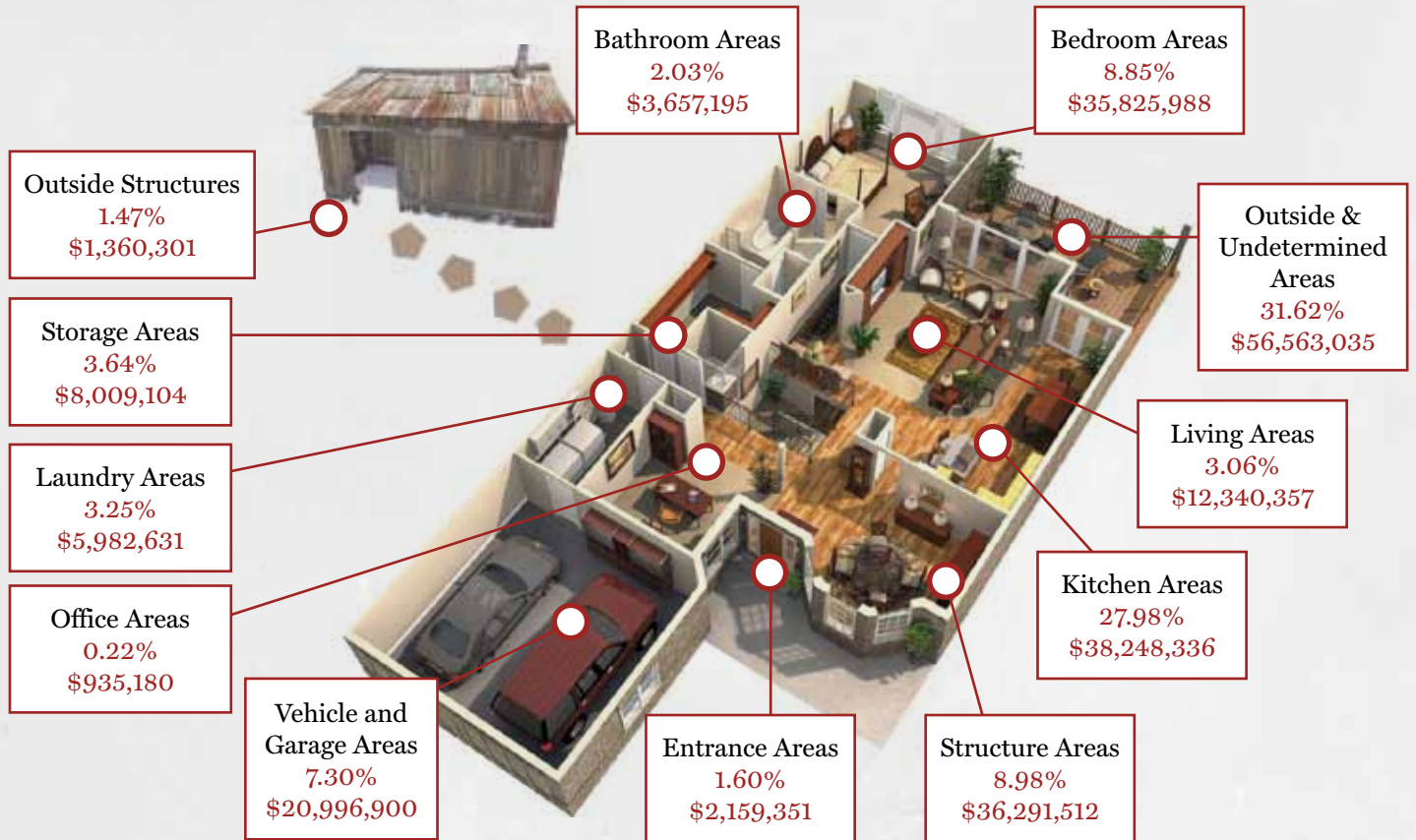


STRUCTURE, VEHICLE, & OTHER FIRES CAUSE OF IGNITION





TOTAL DOLLAR LOSS, AREA OF ORIGIN AND FIRE CAUSE PERCENTAGES FOR RESIDENTIAL STRUCTURES

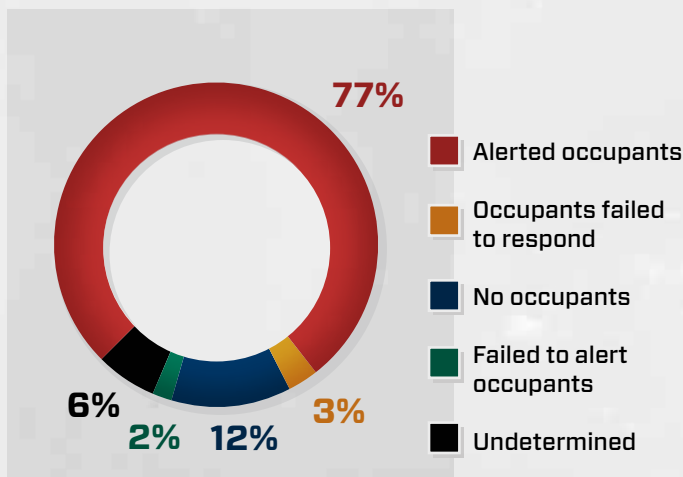




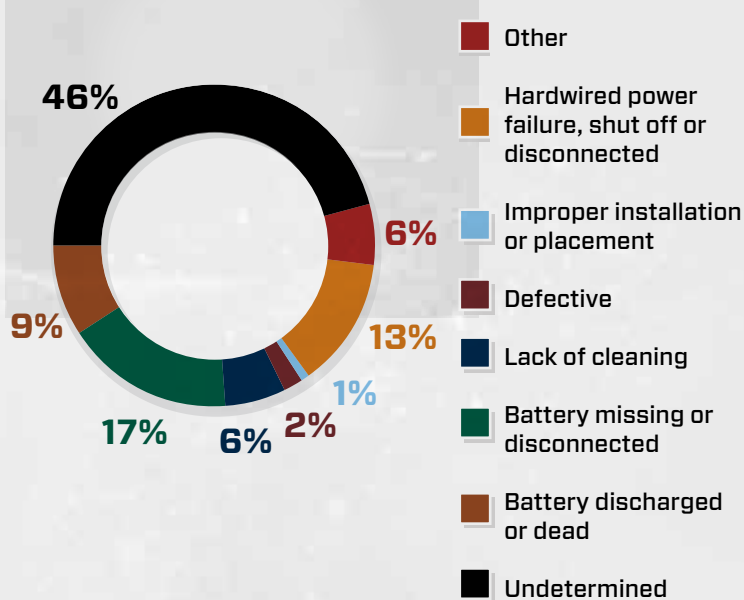
SMOKE DETECTOR USE DATA

Smoke detectors were present in **43** percent of reported structure fires, in which the presence or absence of detectors were reported, with **60** percent of those operational. **Twenty-one** percent were reported as undetermined and **10** 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, **36** percent of the structures did not have smoke detectors and **21** percent of the structures reported as undetermined.

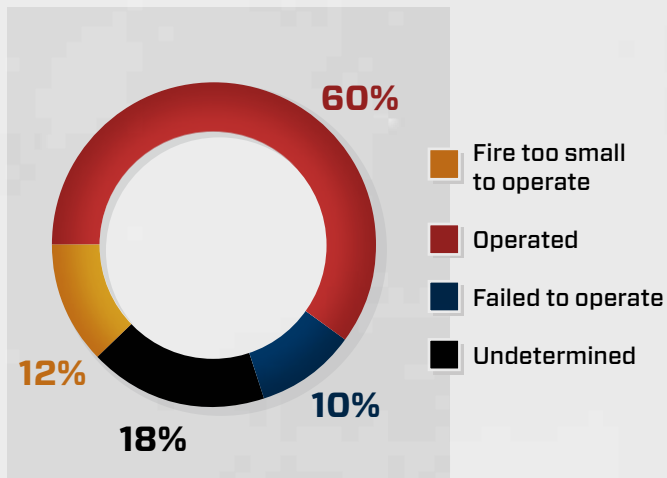
DETECTOR EFFECTIVENESS



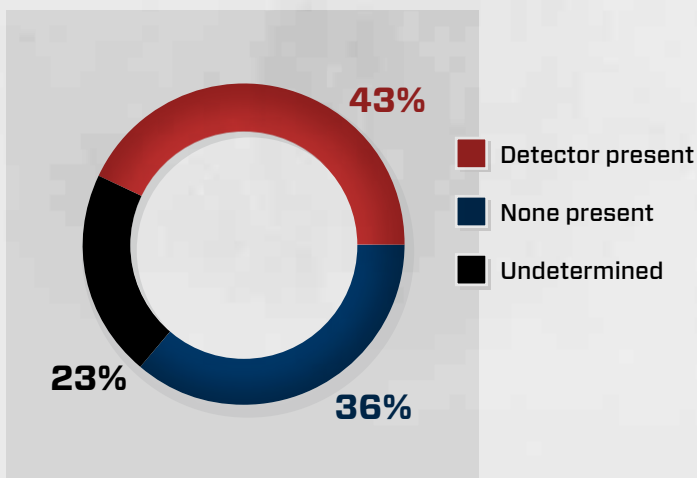
SMOKE DETECTOR FAILURE



DETECTOR OPERATION



DETECTOR OPERATION

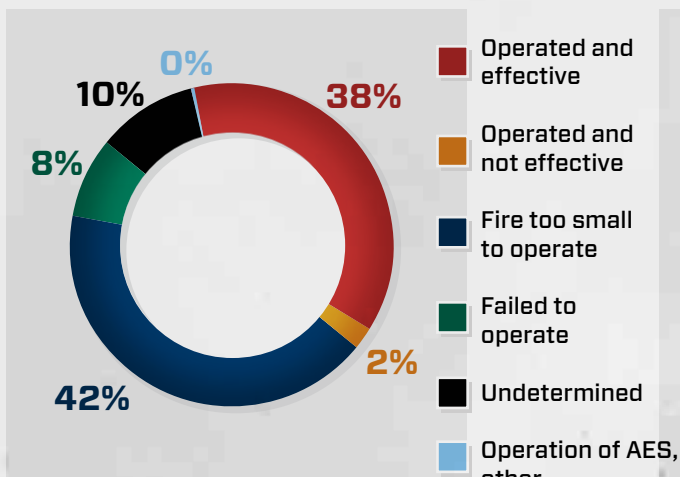




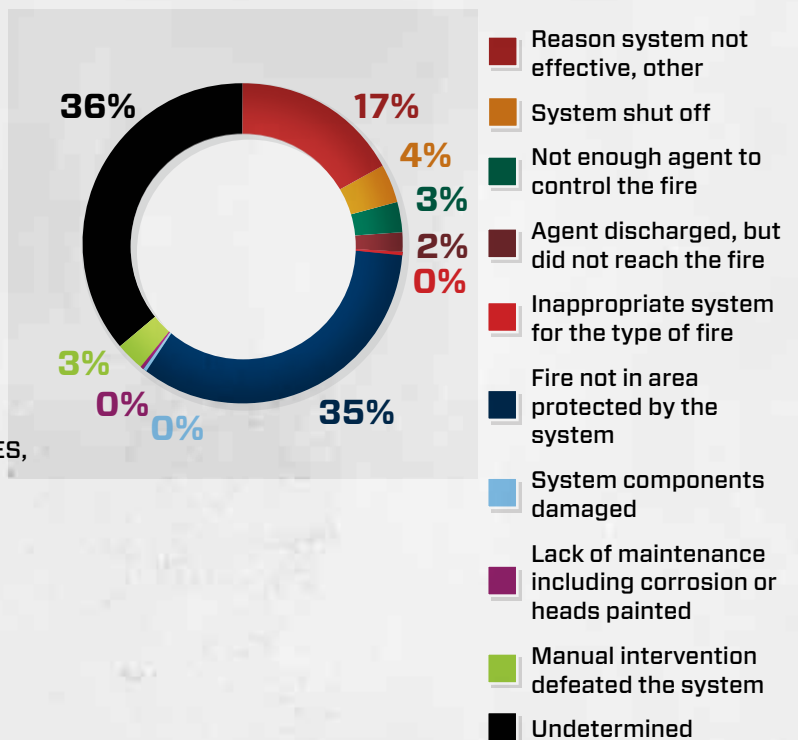
FIRE SPRINKLER USE DATA

Automatic Extinguishing Systems (AES) were present in **nine** percent of reported structure fires with **38** percent of those operational. **Eight** percent were reported as undetermined and **eight** percent did not operate due to a variety of reasons, such as manual intervention, agent discharged but did not reach the fire, etc. In **35** percent of structure fires, the fire was not in the vicinity of the AES for it to be effective. Unfortunately, in **85** percent of the structure fires there was not an AES present and **six** percent were reported as undetermined.

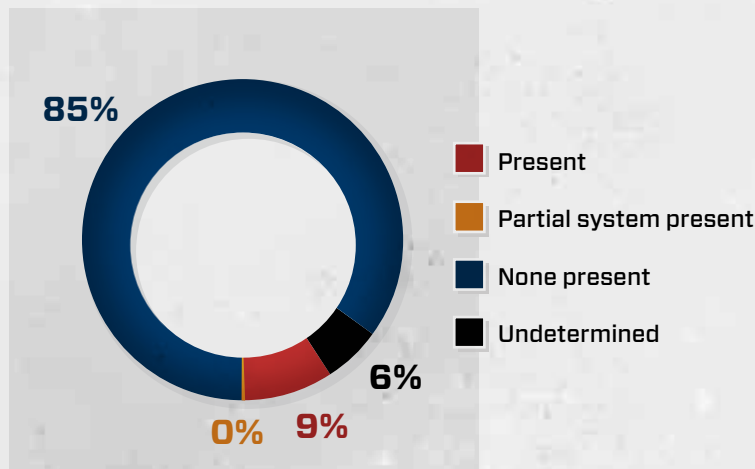
AES OPERATION



AES FAILURE



AES PRESENCE





AVERAGE RESPONSE FREQUENCIES REPORTED BY FLORIDA FIRE DEPARTMENTS



ONE FIRE DEPARTMENT RESPONDS EVERY 21 SECONDS



ONE STRUCTURE FIRE OCCURS EVERY 31 MINUTES AND 9 SECONDS



ONE ACTUAL FIRE OCCURS EVERY 9 MINUTES AND 5 SECONDS



ONE OTHER EMERGENCY CALL OCCURS EVERY 1 MINUTE AND 3 SECONDS



ONE FALSE ALARM OCCURS EVERY 3 MINUTES AND 7 SECONDS



ONE VEHICLE FIRE OCCURS EVERY 55 MINUTES AND 5 SECONDS



ONE EMS/RESCUE CALL OCCURS EVERY 27 SECONDS



ONE OUTSIDE/OTHER FIRE OCCURS EVERY 18 MINUTES AND 4 SECONDS

*These statistics do not include exposures or automatic/mutual aid given responses.



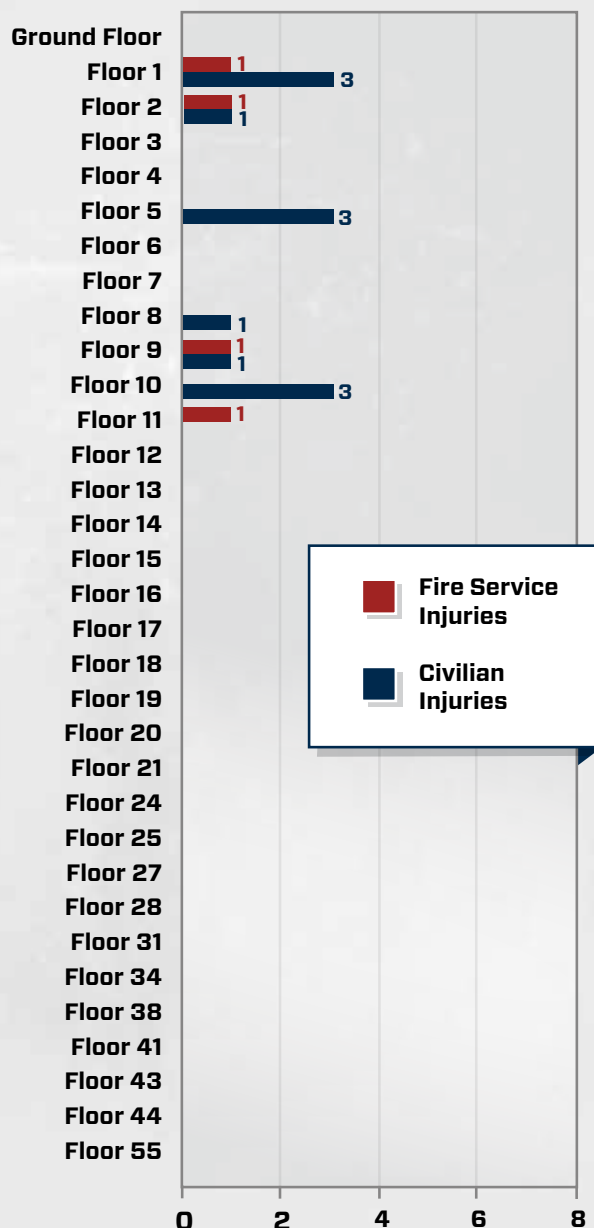
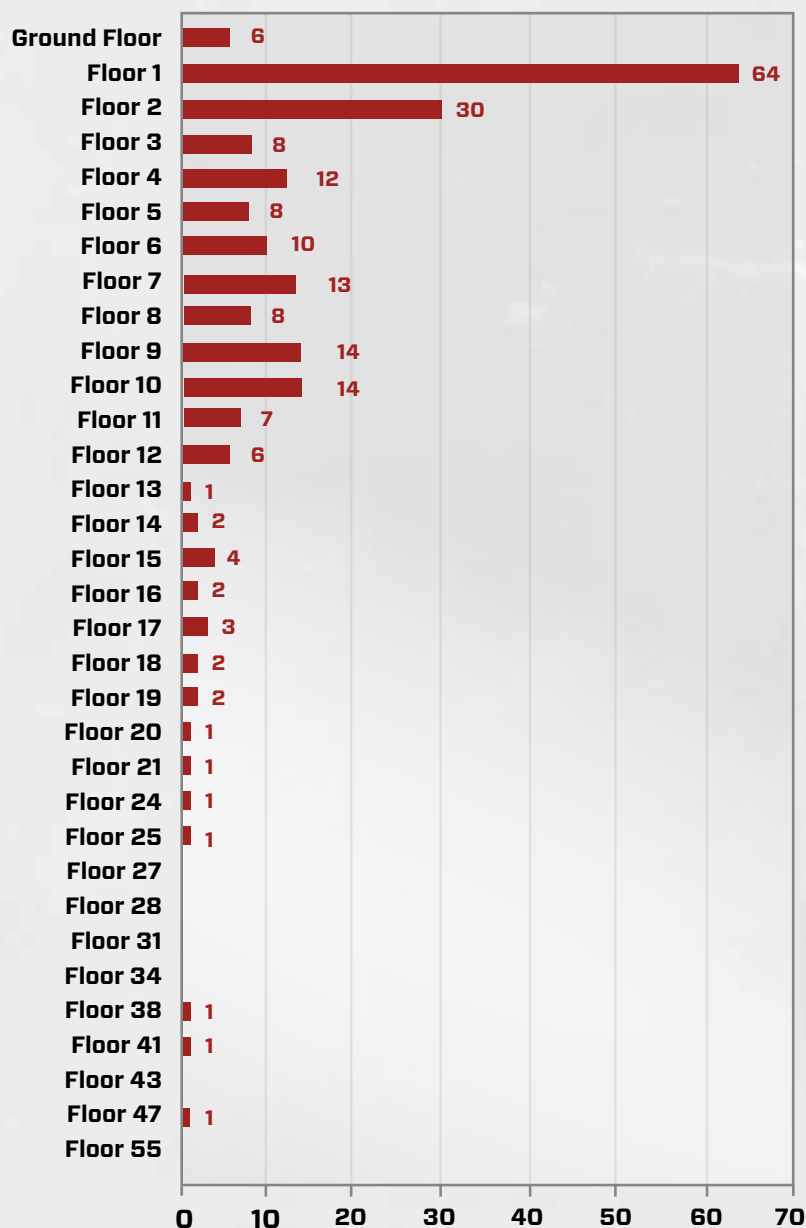
FREQUENCY & NUMBER OF CIVILIAN & FIRE SERVICE INJURIES IN HIGH RISE STRUCTURE FIRES

The National Fire Protection Association reports there are more than 13,000 structure fires in high rise buildings each year in the United States.

The State of Florida had a total of 223 structure fire incidents in high-rise structures with two fatalities, seven injuries and total property loss for the last five years totaling \$1,795,548. The average number of high-rise structure fires over the last five years was 92 structure fires each year in the United States.

HIGH RISE STRUCTURE FIRE INCIDENTS BY FREQUENCY

CIVILIAN & FIRE SERVICE INJURIES IN HIGH RISE STRUCTURE FIRES



- Fire Service Injuries
- Civilian Injuries



2012 FALLEN FIREFIGHTERS

More than 6,000 people, including members of Congress, administration officials and other dignitaries, members of the fire service, and families and friends of fallen firefighters attend the Annual National Fallen Firefighters Memorial Service event each year at the National Fire Academy in Emmitsburg, Maryland. Families receive flags that were flown over the United States Capitol and the National Memorial. Members of the fire service, honor guard units and pipe and drum units from across the U.S. participate in this national tribute. The Florida firefighters who died in the line of duty in 2012 were William Elliott and Mark W. Morrison. In addition to the National Fallen Firefighters Memorial Service, Florida firefighters are also honored at the Annual Florida Fallen Firefighter Memorial Service held at the Florida State Fire College in Ocala, Florida. Florida honors its own with more than 200 fire service honor guard and pipes and drums units that pay tribute to those who made the ultimate sacrifice. Families receive an honorary Florida Fallen Firefighter Memorial Flag that was flown over the memorial and a silver Florida Fallen Firefighter Medallion.



On January 6, 2012, veteran firefighter William Elliott, 50, of Pompano Beach Fire Department, died in the line of duty. He died after falling nearly 100 feet from the top of a ladder truck during a training exercise.

Lieutenant Mark W. Morrison, 53, a 25-year St. Lucie County Fire District veteran, died March 4, 2012, while on duty. During his shift, Morrison had responded to several emergency response calls. Fellow firefighters discovered him unconscious in the firehouse. They immediately rendered aid. Morrison was transported to the hospital where he succumbed to his illness.



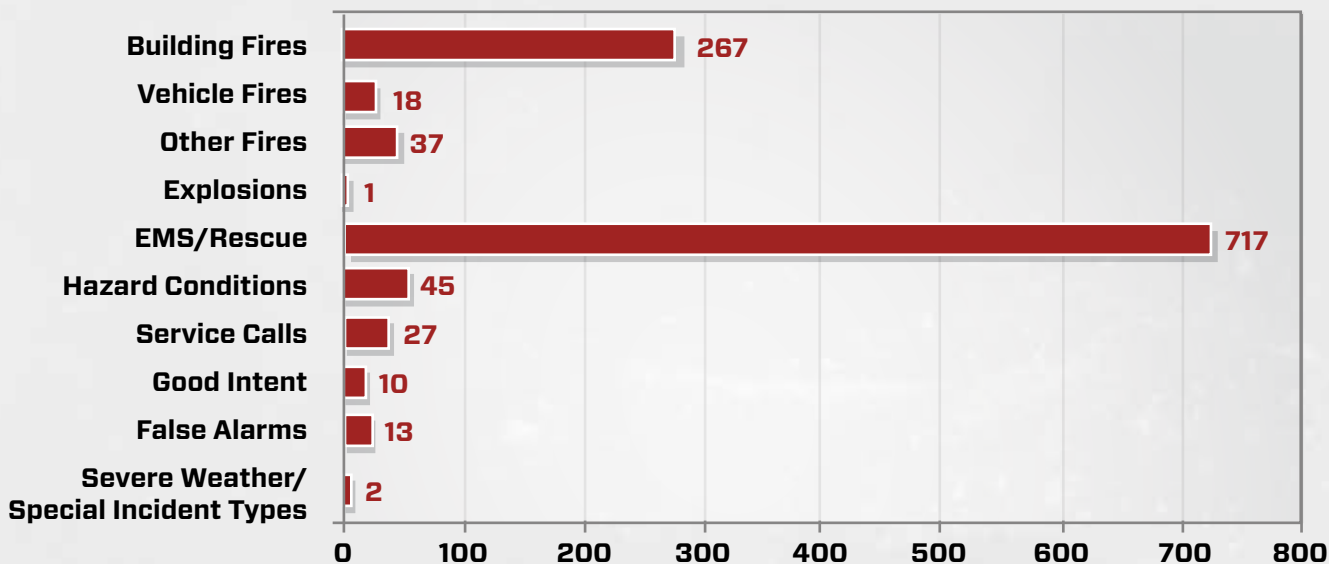
The Firefighter Safety and Health Program Section is charged with the implementation of the “Florida Firefighters Occupational Safety and Health Act (FFOSHA)” (Florida Statute 633.801-633.821) and “Firefighter Employment Standards” (Florida Administrative Code 69A-62).



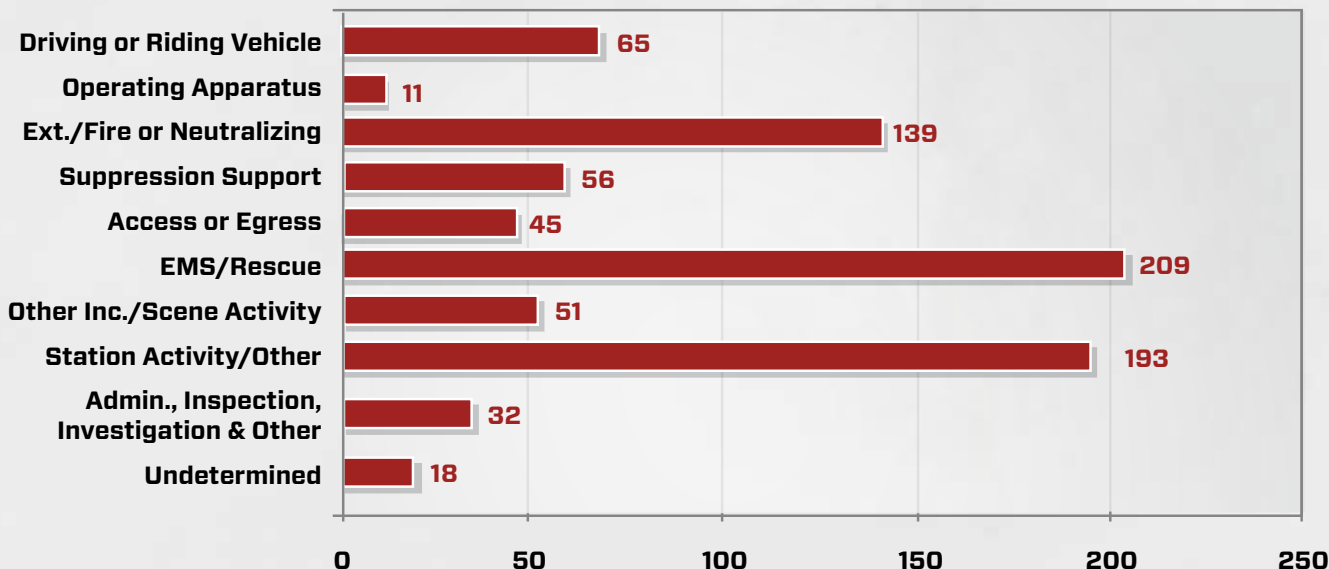
FIREFIGHTER INJURIES VS NUMBER OF FIRE INCIDENTS

Firefighters throughout Florida deal with a variety of hazards while performing their duties. These hazards include, but are not limited to, smoke inhalation, burns, straining of body parts, exposure to chemicals and stress. In 2012, there were **322** fire-related injuries to firefighters.

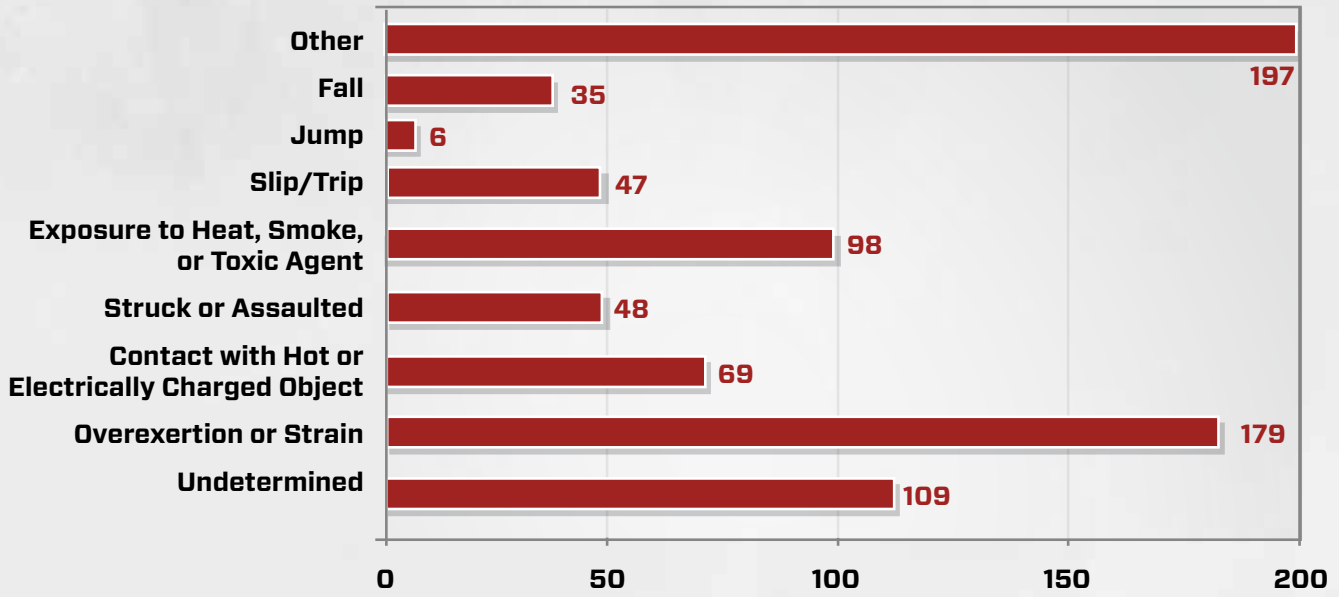
INCIDENT TYPES RESULTING IN INJURIES



ACTIVITY AT TIME OF INJURY



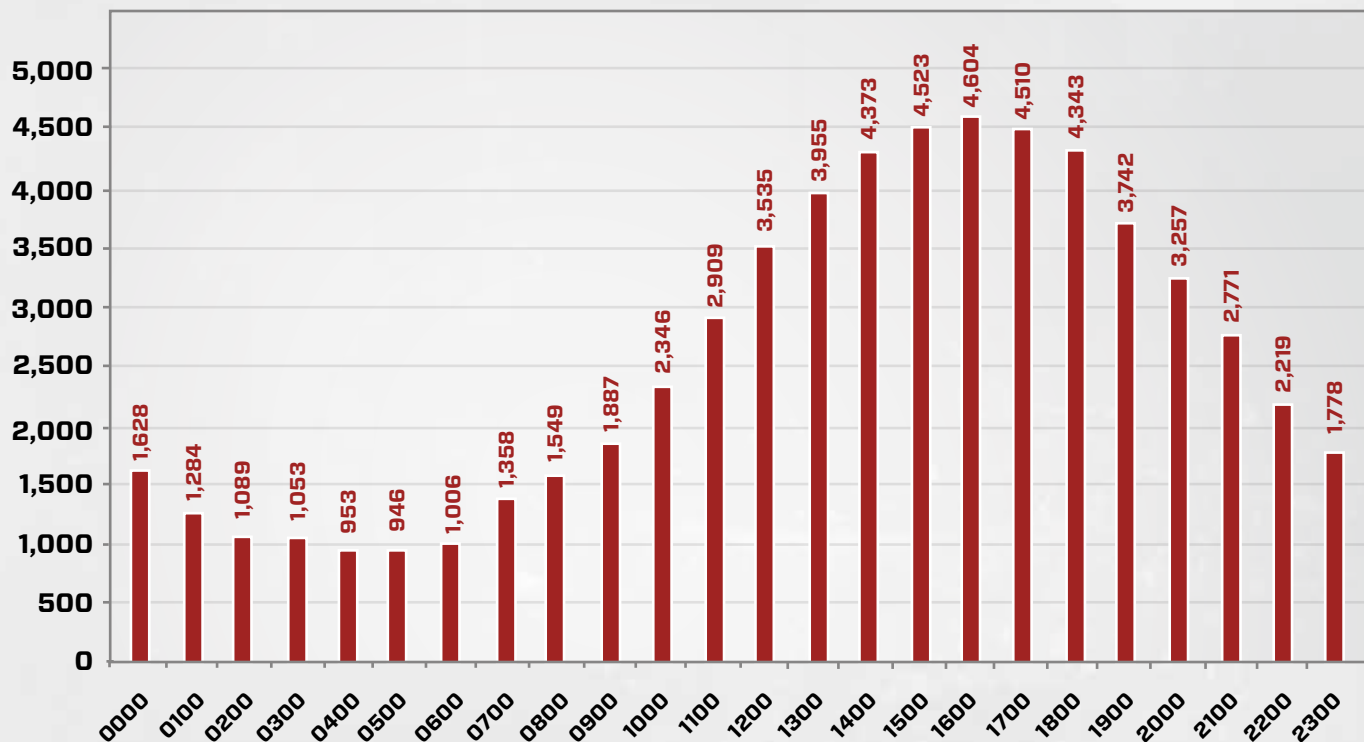
CAUSE OF FIRE RELATED INJURY



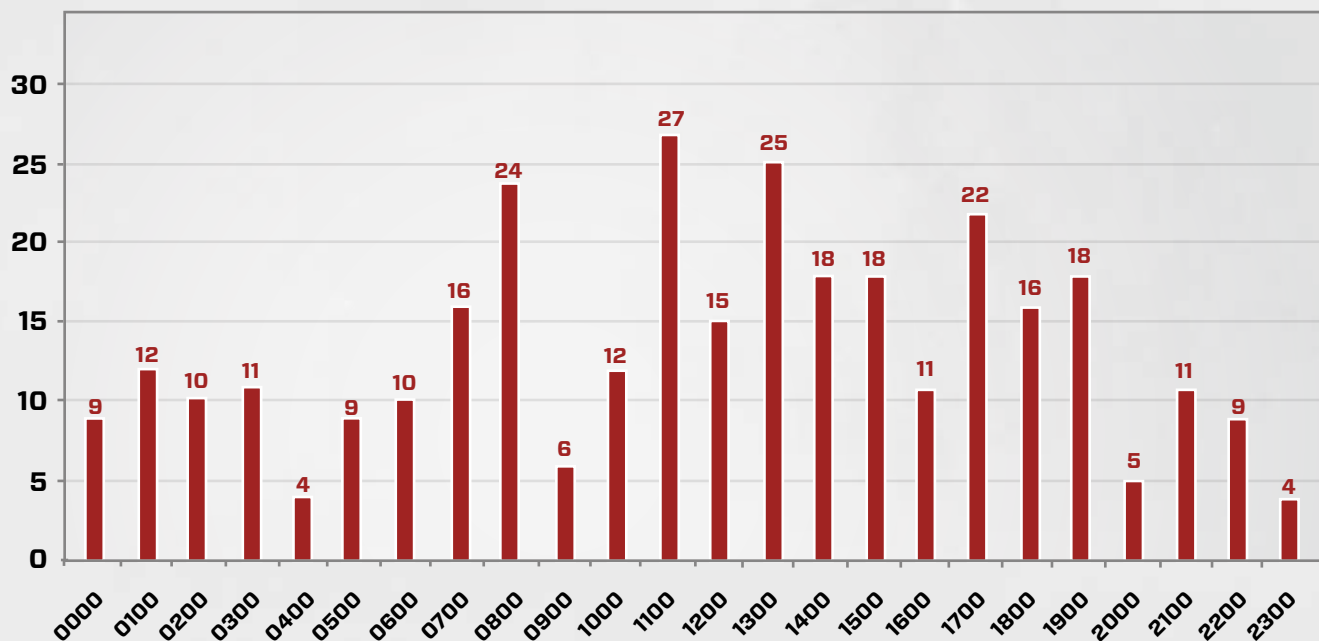


FIRE INCIDENTS AND FIREFIGHTER FIRE-RELATED INJURIES BY PEAK HOUR AND DAY OF THE WEEK

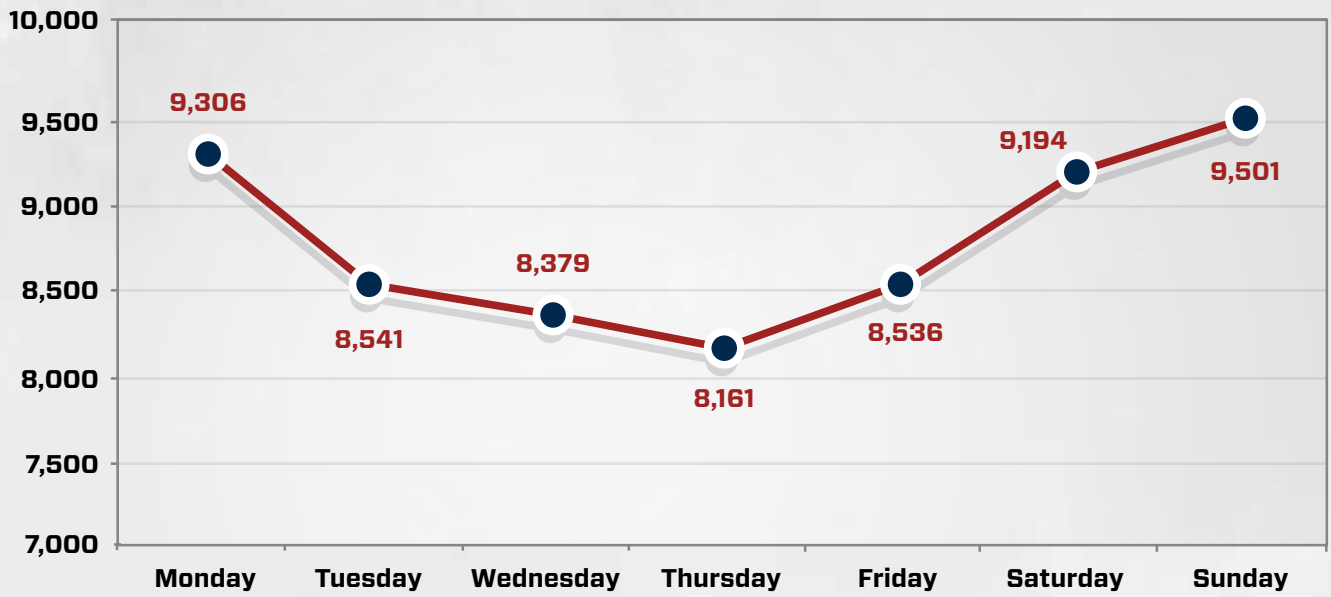
FIRE INCIDENTS BY HOUR OF THE DAY



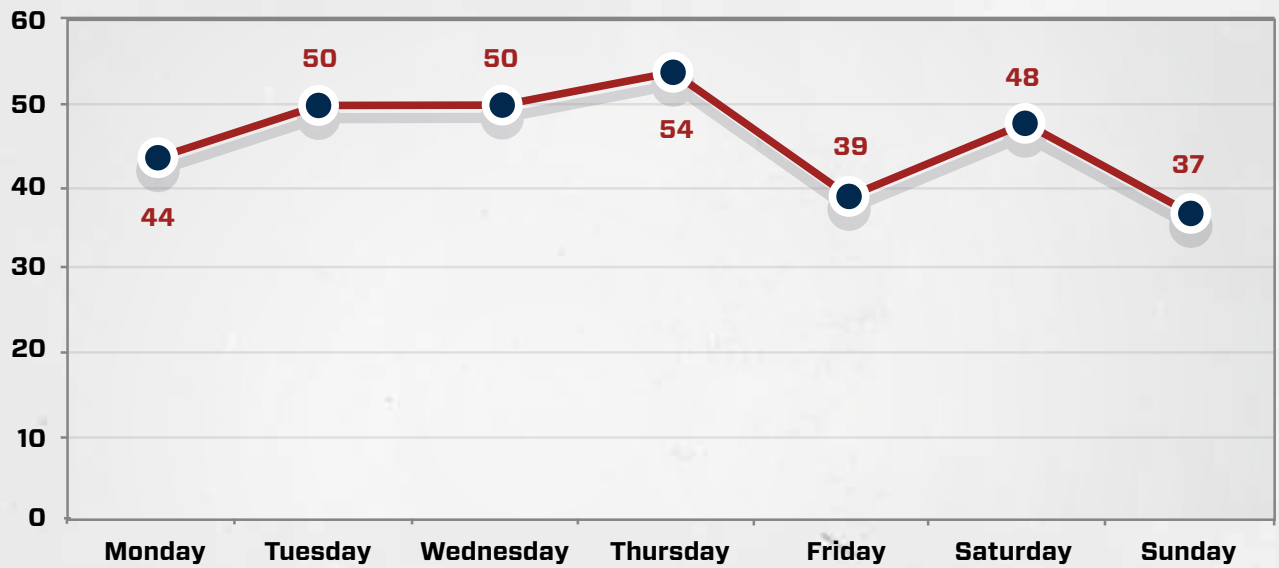
FIRE INJURIES BY HOUR OF THE DAY



FIRE BY DAY OF THE WEEK



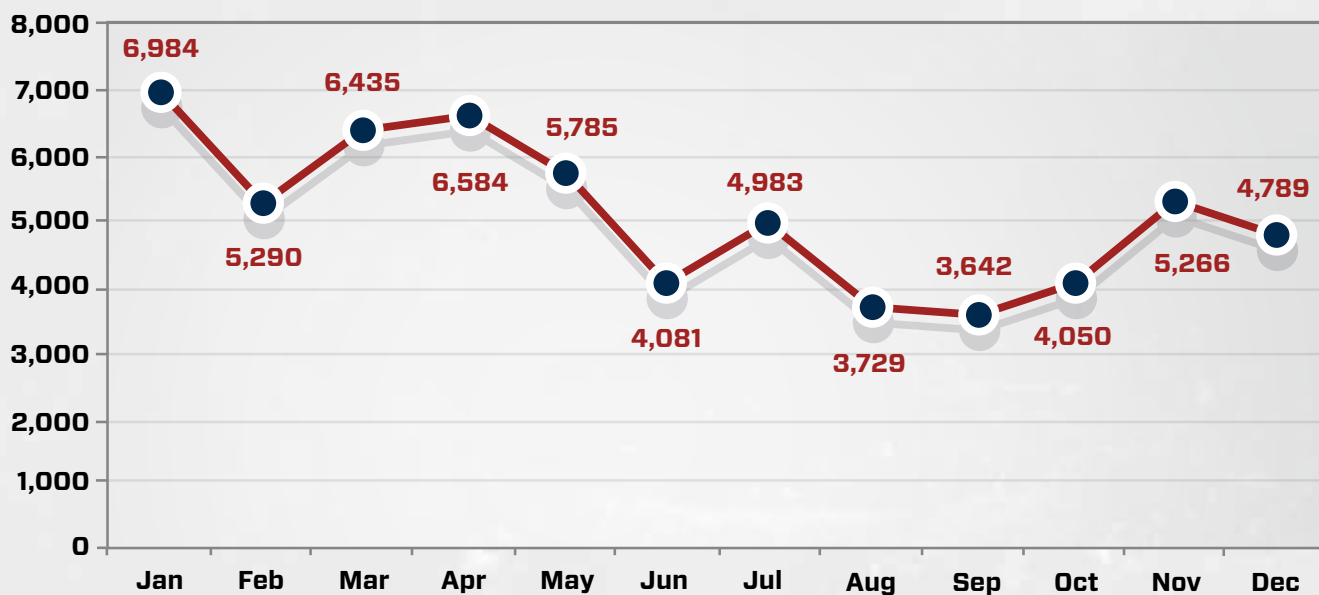
INJURIES BY DAY OF THE WEEK



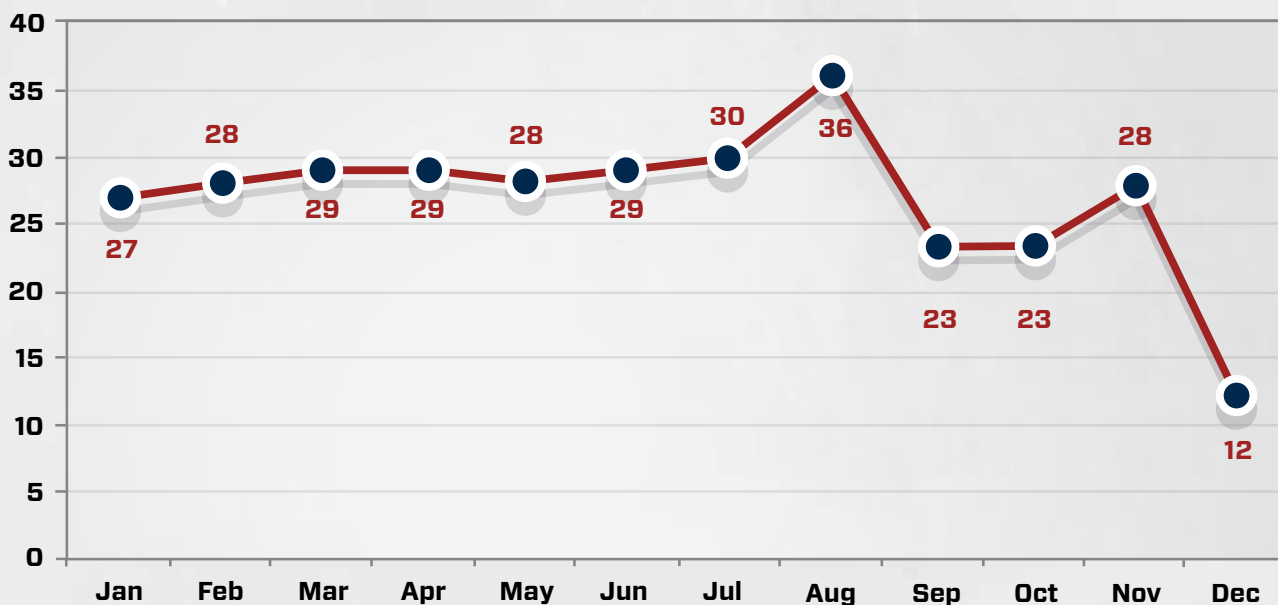


FIRE INCIDENTS AND FIREFIGHTER FIRE-RELATED INJURIES BY MONTH AND QUARTER OF THE YEAR

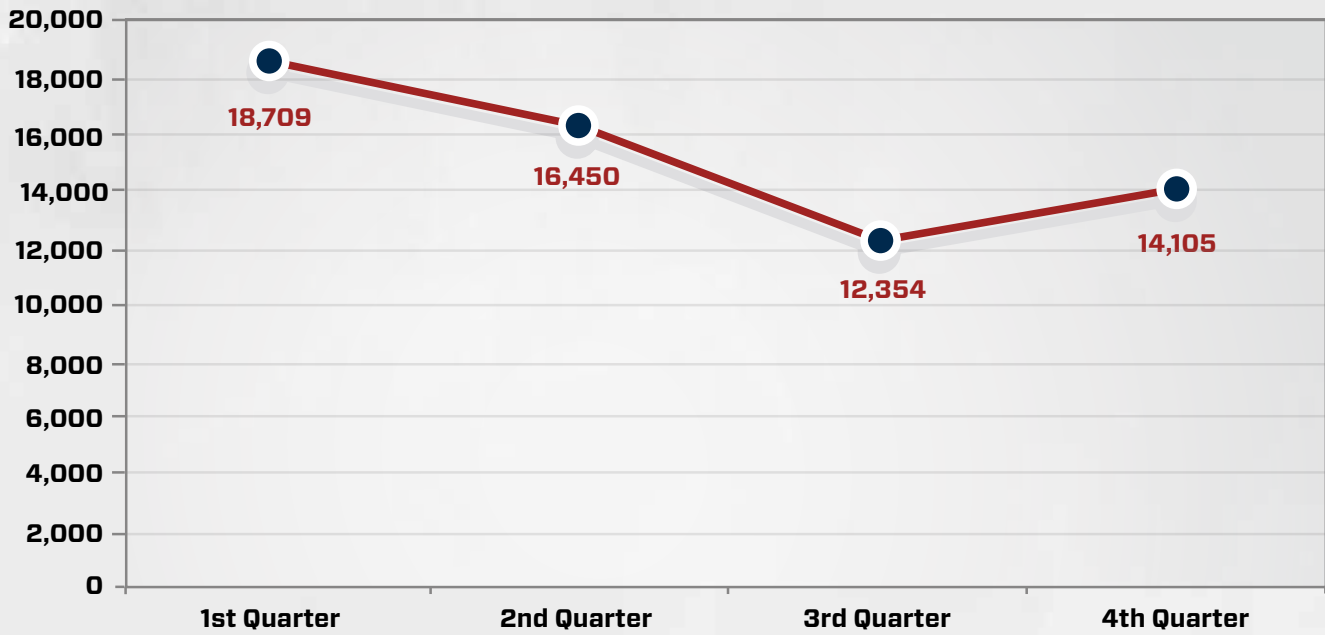
FIRES BY MONTH OF THE YEAR



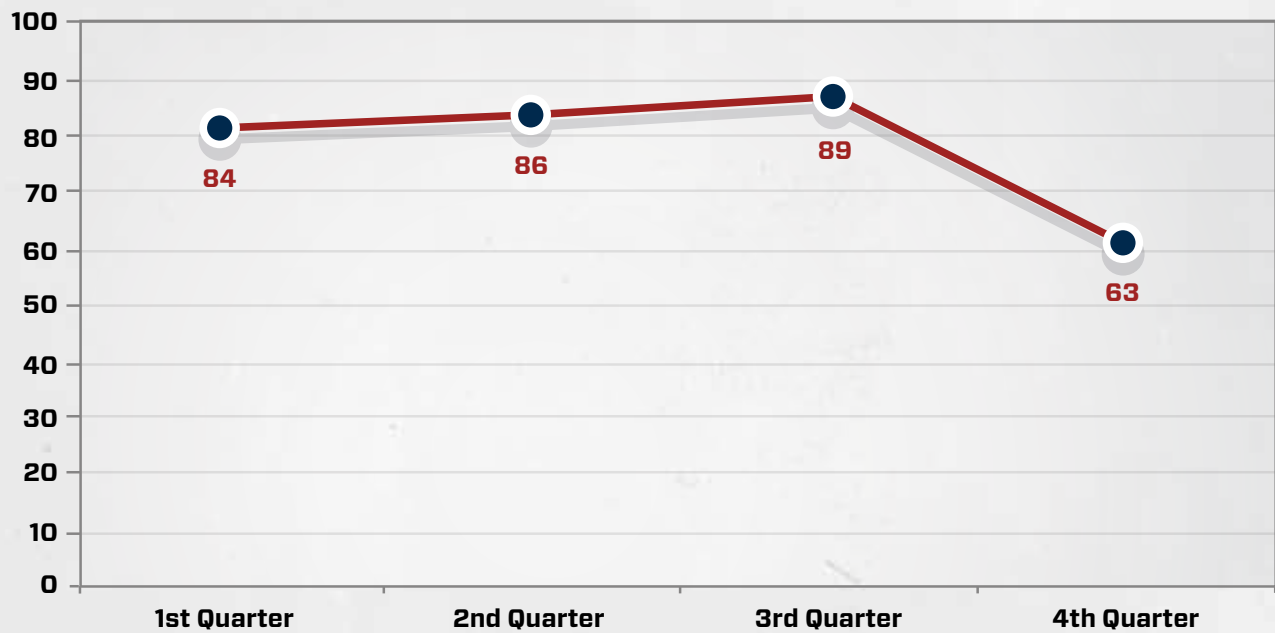
INJURIES BY MONTH OF THE YEAR



FIRES BY QUARTER OF THE YEAR



INJURIES BY QUARTER OF THE YEAR





2012 ASSISTANCE TO FIREFIGHTER GRANT AWARDS

The United States Fire Administration (USFA) has reported that the following departments received Assistance to Firefighter Grant (AFG) Awards for 2012. One of the requirements placed upon grantees under this award is that recipients agree to provide information, through established reporting channels, to the USFA's National Fire Incident Reporting System (NFIRS) for the period covered by the assistance if the grantee is a fire department. In Florida, the established reporting channel would be through the Florida Fire Incident Reporting System (FFIRS) Section of the Division of State Fire Marshal (SFM). Non-affiliated EMS organizations do not have to comply with the NFIRS

reporting requirement. If a fire department grantee does not currently participate in the incident reporting system and does not have the capacity to report at the time of the award, that grantee must agree to provide information to the NFIRS system for a twelve-month period commencing as soon as they develop the capacity to report. We expect non-reporting grantees to pursue the capacity to report immediately after notification of an award, and for these non-reporting grantees to be actively reporting to NFIRS within the approved period of performance. AFG program grantees from previous years will not be allowed to closeout their grants until they demonstrate that they are complying

with this requirement. Failure to close out your previous years' grants may affect the consideration of future awards. This requirement is included in the 2011 Program Guidance for the Assistance to Firefighters Grant program, as well as being included in the actual grant agreement. The award announcement dates for the 2012 recipients may be reviewed by entering the following link into your web browser: <http://www.fema.gov/firegrants/js/AFG2012.shtm>.

Please contact the FFIRS Section at (850) 413-3698 for assistance in helping your department comply with this reporting requirement.

AWARD DATE	FDID #	ORGANIZATION	CITY	PROGRAM	ACTIVITY LEVEL
9/28/2012	01042	City of Miami Department of Fire Rescue	Miami	Operations and Safety	WFP(\$167,720)
9/28/2012	01052	Coral Gables Fire Department	Coral Gables	Operations and Safety	E(\$180,844)
12/28/2012	19182	Brevard County Fire Rescue	Rockledge	Operations and Safety	E(\$922,983)
12/28/2012	43032	Fort Walton Beach Fire Department	Fort Walton Beach	Operations and Safety	MF(\$36,200); E(\$472,200)
1/4/2013	10151	Coral Springs Fire Department	Coral Springs	Operations and Safety	PPE(\$6,700); WFP(\$220,540)
1/11/2013	16012	Englewood Area Fire Control District	Englewood	Operations and Safety	PPE(\$147,000)
1/18/2013	26022	St. Cloud Fire Rescue	St. Cloud	Operations and Safety	E(\$91,305); T(\$44,226)
1/18/2013	54521	Dixie County Emergency Services	Cross City	Operations and Safety	PPE(\$46,000)
1/25/2013	12131	Mascotte Fire Department	Mascotte	Operations and Safety	PPE(\$22,400)
2/1/2013	43022	City of Crestview Fire Department	Crestview	Operations and Safety	E(\$35,000)
2/1/2013	14062	Ocala Fire Rescue	Ocala	Operations and Safety	E(\$86,100); WFP(\$49,780)
2/8/2013	24012	St. Lucie County Fire District	Port St. Lucie	Operations and Safety	PPE(\$772,000)
2/8/2013	06272	West Palm Beach Fire Department	West Palm Beach	Operations and Safety	T(\$115,916); WFP(\$44,220)

2012 Florida Fires APPENDIX

2/15/2013	64031	Big Corkscrew Island Fire Control and Rescue District	Naples	Operations and Safety	E(\$159,600)
2/15/2013	19052	City of Cocoa Fire Rescue	Cocoa	Operations and Safety	E(\$162,632)
2/15/2013	52011	City of Macclenny Fire Rescue	Macclenny	Operations and Safety	PPE(\$13,350)
2/15/2013	64032	North Naples Fire Control and Rescue District	Naples	Operations and Safety	E(\$244,915)
2/22/2013	05052	Lake Alfred Fire Department	Lake Alfred	Operations and Safety	PPE(\$63,000)
3/8/2013	64011	Ochopee Fire Control District	Everglades City	Operations and Safety	E(\$87,020)
3/15/2013	39022	Cedar Key Volunteer Fire & Rescue	Cedar Key	Operations and Safety	PPE(\$69,000)
3/15/2013	04082	Madeira Beach Fire Department	Madeira Beach	Operations and Safety	PPE(\$41,888)
3/29/2013	05081	Fort Meade Fire Department	Fort Meade	Operations and Safety	E(\$4,376); PPE(\$10,245)
3/29/2013	10232	Miramar Fire-Rescue Department	Miramar	Vehicle Acquisition	VA(\$290,000)
4/5/2013	05142	City of Winter Haven	Winter Haven	Operations and Safety	WFP(\$96,279)
4/5/2013	01022	Hialeah Fire Department	Hialeah	Operations and Safety	PPE(\$278,730)
4/5/2013	38041	Islamorada Fire Rescue	Islamorada	Operations and Safety	E(\$20,850)
4/5/2013	22012	Palatka Fire Department	Palatka	Operations and Safety	PPE(\$39,636)
4/5/2013	36011	South Walton Fire District	Santa Rosa Beach	Operations and Safety	E(\$300,003)
4/5/2013	04112	St. Petersburg Fire & Rescue	St. Petersburg	Operations and Safety	E(\$131,940)
4/12/2013	13081	Bradfordville Volunteer Fire & Rescue Department	Tallahassee	Operations and Safety	PPE(\$34,300)
4/12/2013	10132	City of North Lauderdale	North Lauderdale	Operations and Safety	E(\$124,477); T(\$10,469)
4/19/2013	11012	Gainesville Fire Rescue	Gainesville	Operations and Safety	E(\$610,465)
4/19/2013	17072	City of Longwood Fire Department	Longwood	Operations and Safety	WFP(\$25,045)
4/19/2013	07252	Orange County Fire Rescue Department	Winter Park	Operations and Safety	PPE(\$2,729,670)
4/19/2013	23042	Parker Volunteer Fire Department	Parker	Operations and Safety	PPE(\$37,570)
4/26/2013	25031	Grand Ridge Volunteer Fire Department	Grand Ridge	Operations and Safety	PPE(\$30,168)
4/26/2013	08092	Orange City Fire Department	Orange City	Operations and Safety	E(\$50,495)
4/26/2013	10172	Pompano Beach Fire Rescue	Pompano Beach	Operations and Safety	MF(\$221,308)
5/3/2013	10052	City of Hollywood	Hollywood	Operations and Safety	E(\$193,900)
5/10/2013	18011	San Carlos Park Fire Protection and Rescue Service	Fort Myers	Operations and Safety	PPE(\$27,500)
5/17/2013	23181	Bay County Fire Services	Panama City	Operations and Safety	T(\$168,427)
5/17/2013	19012	Indialantic Fire Rescue	Indialantic	Operations and Safety	T(\$21,090)

E Equipment **F** Facility **V** Vehicle **T** Training **PPE** Personal Protective Equipment
WFP Wellness & Fitness Program **MF** Modify Facility

A total of 541 fire departments throughout the State of Florida reported incidents to FFIRS for 2012 and of those departments, 42 received grants.



The Following is a Listing of the Fire Departments that Reported to the Florida Fire Incident Reporting System (FFIRS) Section During 2012

ALACHUA COUNTY

Gainesville Fire Rescue {5.0}
 Newberry Fire Rescue {5.0}
 Melrose VFD {5.0}
 Lacrosse Fire Dept. {5.0}
 Cross Creek VFD {5.0}
 High Springs VFD {5.0}
 Windsor VFD {5.0}
 Alachua County Dept. of Public Safety {5.0}

- Hawthorne Fire Dept.

 Micanopy Fire Rescue {5.0}

BAKER COUNTY

City of Macclenny Fire Dept. {5.0}
 Baker County VFD {5.0}

BAY COUNTY

Panama City Beach Fire Dept. {5.0}
 Lynn Haven Fire & EMS {5.0}
 Panama City Fire Dept. {5.0}
 Parker Fire Dept. {5.0}
 Springfield Fire Dept. {5.0}
 Callaway Fire Dept. {5.0}
 Mexico Beach Dept. of Public Safety {5.0}
 Bay County Fire Rescue {5.0}

BRADFORD COUNTY

Starke Fire Dept. {5.0}
 Brooker VFD {5.0}
 New River VFD {5.0}
 Heilbron Springs VFD {5.0}
 Lawtey VFD {5.0}
 Hampton VFD {5.0}
 Theresa VFD {5.0}
 Sampson City VFD {5.0}

BREVARD COUNTY

Cape Canaveral Fire Rescue {5.0}
 Indialantic Fire Rescue {5.0}
 CCAFS/KSC Fire Rescue {5.0}
 Palm Bay Fire Dept. {5.0}
 Cocoa Fire Dept. {5.0}
 Cocoa Beach Fire Dept. {5.0}
 Melbourne Fire Dept. {5.0}
 Indian Harbour Beach VFD {5.0}
 Malabar VFD {5.0}
 Satellite Beach Fire Dept. {5.0}
 Rockledge Fire & EMS {5.0}
 Titusville Fire & EMS {5.0}
 Brevard County Fire Rescue {5.0}

- Scottsmoor VFD
- South Melbourne Beach VFD
- Bellwood VFD
- Four Communities Fire Dept.
- Mims VFD
- South Beaches VFD
- Merritt Island VFD
- Canaveral Port Fire Dept.
- Canova Beach/Patrick Shores Fire Dept.
- District Four VFD Lake Washington VFD
- Micco VFD
- Suntree/Viera VFD

BROWARD COUNTY

Hallendale Beach Fire Rescue {5.0}
 Southwest Ranches VFR {5.0}
 Plantation Fire Dept. {5.0}
 Hollywood Fire Rescue {5.0}
 Lauderdale Fire Rescue {5.0}
 Pembroke Pines Fire Rescue {5.0}
 Margate Fire Rescue {5.0}
 Lauderdale by the Sea VFD {5.0}
 North Lauderdale Fire Rescue {5.0}
 Coral Springs Fire Dept. {5.0}

- Parkland Fire Dept.

 Sunrise Fire Rescue {5.0}
 Pompano Beach Fire Rescue {5.0}
 Oakland Park Fire Rescue {5.0}
 Fort Lauderdale Fire Dept. {5.0}
 Tamarac Fire Dept. {5.0}
 Miramar Fire Rescue {5.0}
 Davie Fire Rescue {5.0}
 Lighthouse Point Fire Rescue {5.0}
 Broward Sheriff's Office Dept. of Fire Rescue & EMS {5.0}

- Dania Beach Fire Dept.
- Deerfield Beach Fire Rescue
- Carver Ranches VFD
- Southwest Broward VFD
- Port Everglades Dept. of Public Safety

CALHOUN COUNTY

Magnolia VFD {5.0}
 Carr-Clarksville VFD {5.0}
 Kinard VFD {5.0}
 Scott's Ferry VFD {5.0}
 Mossy Pond VFD {5.0}
 Nettle Ridge VFD {5.0}

CHARLOTTE COUNTY

Punta Gorda Fire Dept. {5.0}
 Charlotte County Fire & EMS {5.0}
 Little Gasparilla Island Fire Rescue {5.0}

CITRUS COUNTY

Citrus County Fire Services {5.0}
 Crystal River Fire Dept. {5.0}

CLAY COUNTY

Orange Park Fire Dept. {5.0}
 Keystone Heights VFD {5.0}
 Clay County Public Safety & Fire Rescue {5.0}

- Middleburg VFD

COLLIER COUNTY

Ochopee FCD {5.0}
 East Naples FCD {5.0}
 Immokalee FCD {5.0}
 Golden Gate FCD {5.0}
 Big Corkscrew Island FCD {5.0}
 North Naples FCD {5.0}
 Isles of Capri Fire Rescue {5.0}
 Naples Police & EMS {5.0}
 Marco Island Fire Dept. {5.0}

COLUMBIA COUNTY

Lake City Fire Dept. {5.0}
 Columbia County Fire Dept. {5.0}

DESOTO COUNTY

Desoto County Fire Rescue {5.0}

DIXIE COUNTY

Cross City Fire Dept. {5.0}
 Horseshoe Beach Fire Dept. {5.0}
 Dixie County EMS {5.0}

- Suwannee VFD
- Old Town Fire Rescue
- Jena VFD

DUVAL COUNTY

Jacksonville Beach Fire Dept. {5.0}
 Jacksonville Fire Rescue {5.0}

- Jacksonville Intn'l Airport
- Neptune Beach Fire Dept.
- Baldwin Fire Dept.

ESCAMBIA COUNTY

Pensacola Fire Dept. {5.0}
 Escambia County Fire Rescue {5.0}

FLAGLER COUNTY

Flagler Beach Fire Dept. {5.0}
 Bunnell VFD {5.0}
 Palm Coast Fire Dept. {5.0}
 Flagler County Fire Rescue {5.0}

- Korona Fire Dept.
- St Johns Park VFD
- Hammock Community VFD
- Rima Ridge Fire Rescue
- Espanola VFD

FRANKLIN COUNTY

St. George Island VFD {5.0}
 Eastpoint VFD {5.0}

GADSDEN COUNTY

Florida State Hospital Fire Dept. {5.0}
 Greensboro VFD {5.0}
 Quincy Fire Dept. {5.0}
 Gadsden County Fire Service {5.0}
 Gretna VFD {5.0}
 Robertsville VFD {5.0}
 Havana Fire Dept. {5.0}
 Mt. Pleasant VFD {5.0}
 Wetumpka VFD {5.0}
 Concord VFD {5.0}
 Midway VFD {5.0}
 Sycamore VFD {5.0}

GILCHRIST COUNTY

Gilchrist County Fire Rescue {5.0}

- Bell Fire Dept.
- SE Gilchrist VFD
- North Gilchrist VFD
- Spring Ridge VFD

 Trenton Fire Rescue {5.0}
 Fanning Springs VFD {5.0}

GLADES COUNTY

Moore Haven VFD {5.0}
Glades County VFD {5.0}
Lake Port VFD {5.0}
Buckhead Ridge VFD {5.0}
Muse VFD {5.0}
Ortona VFD {5.0}

GULF COUNTY

South Gulf County Fire Dept. {5.0}
Highland View VFD {5.0}
Overstreet VFD {5.0}
Wawahitchka VFD {5.0}
Wetappo Creek VFD {5.0}
Port St. Joe VFD {5.0}
White City VFD {5.0}
Gulf County Beaches VFD {5.0}
Howards Creek VFD {5.0}
Dalkeith VFD {5.0}
Stone Mill Creek Fire Dept. {5.0}

HAMILTON COUNTY

Jennings VFD {5.0}
Jasper Fire Rescue {5.0}
Crossroads VFD {5.0}
White Springs Fire Dept. {5.0}
Genoa VFD {5.0}
Bellville Fire Dept. {5.0}

HARDEE COUNTY

Hardee County Fire Rescue {5.0}

HENDRY COUNTY

Clewiston VFD {5.0}
Labelle VFD {5.0}
Montura Fire Dept. {5.0}
Pioneer Plantation VFD {5.0}
Seminole Tribe's Fire Rescue {5.0}

HERNANDO COUNTY

Hernando Highpoint VFD {5.0}
Brooksville Fire Dept. {5.0}
Hernando County Fire Rescue {5.0}

- Springhill Fire Rescue
- Tri County VFD

Hernando Beach VFD {5.0}

HIGHLANDS COUNTY

Sebring Fire Dept. {5.0}
Highland Lakes VFD {5.0}
West Sebring VFD {5.0}
Lake Placid Fire Rescue {5.0}
Desoto VFD {5.0}
Avon Park Fire Dept. {5.0}
Highlands County Fire Admin. {5.0}
Leisure Lakes VFD {5.0}
Lorida VFD {5.0}
Sun 'N Lakes of Lake Placid VFD {5.0}
Sun 'N Lake Sebring Fire Dept. {5.0}

HILLSBOROUGH COUNTY

Plant City Fire Rescue {5.0}
Hillsborough County Fire Rescue {5.0}

- Dover-Creek VFD
- Cork-Knight VFD
- Lutz VFD
- Sun-Dance Fire Dept.
- Bloomingdale Fire Dept.

Tampa Fire Dept. {5.0}
Temple Terrace Fire Dept. {5.0}

HOLMES COUNTY

New Hope VFD {5.0}

Ponce de Leon VFD {5.0}

Pittman VFD {5.0}

Pinelog VFD {5.0}

Esto VFD {5.0}

INDIAN RIVER COUNTY

Indian River Shores Public Safety {5.0}
Indian River County Fire Rescue {5.0}

- Indian River County EMS
- Sebastian VFD

JACKSON COUNTY

Cottondale VFD {5.0}
Campbellton VFD {5.0}
Marianna Fire Rescue {5.0}
Grandridge Fire Dept. {5.0}
Graceville VFD {5.0}
Jackson County Fire Rescue {5.0}
Compass Lake VFD {5.0}

JEFFERSON COUNTY

Monticello VFD {5.0}
Jefferson County Fire Rescue {5.0}

LAFAYETTE COUNTY

Mayo VFD {5.0}
Lafayette County Fire Dept. {5.0}

LAKE COUNTY

Eustis Fire Dept. {5.0}
Leesburg Fire Dept. {5.0}
Groveland Fire Dept. {5.0}
Tavares Fire Dept. {5.0}
Clermont Fire Dept. {5.0}
Montverde Fire Dept. {5.0}
Mount Dora Fire Dept. {5.0}
Minneola Fire Rescue {5.0}
Fruitland Park Fire Rescue {5.0}
Mascotte Fire Rescue {5.0}
Umatilla Fire Dept. {5.0}
Lake County Fire Rescue {5.0}

LEE COUNTY

San Carlos Park FCD {5.0}
Tice Fire & Rescue District {5.0}
Bayshore Fire Rescue {5.0}
Cape Coral Fire Rescue {5.0}
Alva FCD {5.0}
Estero Fire Rescue {5.0}
Bonita Springs Fire Rescue {5.0}
Captiva Island FCD {5.0}
Lehigh Acres FCD {5.0}
Upper Captiva FRD {5.0}
North Ft Myers Fire District {5.0}
Sanibel Fire Rescue {5.0}
Lee County Port Authority ARFF Dept. {5.0}
Boca Grande FCD {5.0}
Fort Myers Fire Dept. {5.0}
Ft Myers Beach FCD {5.0}
Ft Myers Shores Fire District {5.0}
Matlacha-Pine Island FCD {5.0}
South Trail Fire Rescue {5.0}
Iona McGregor Fire District {5.0}
Useppa Island VFC {5.0}

LEON COUNTY

Chaires Capitola VFD {5.0}
Tallahassee Fire Dept. {5.0}
Miccosukee VFD {5.0}
Lake Jackson Fire Rescue {5.0}
Bradfordville Fire Rescue {5.0}

LEVY COUNTY

Inglis Fire Dept. {5.0}
Bronson VFD {5.0}
Yankeetown VFD {5.0}
Cedar Key VFR {5.0}
Chiefland Fire Rescue {5.0}
Williston VFD {5.0}
Morrison Montbrook VFD
(Levy County Fire Rescue) {5.0}
Fowlers Bluff VFD {5.0}
South Levy VFD {5.0}

LIBERTY COUNTY

Bristol VFD {5.0}
Rock Bluff VFD {5.0}

MADISON COUNTY

Lee Fire Dept. {5.0}
Greenville Fire Dept. {5.0}
Pinetta VFD {5.0}
Madison Fire Dept. {5.0}
Cherry Lake Vol Fire Rescue {5.0}
Hamburg VFD {5.0}
New Home Community VFD {5.0}
Sirmans VFD {5.0}
Madison County VFD {5.0}

MANATEE COUNTY

West Manatee Fire Rescue {5.0}
Trailer Estates Fire Dept. {5.0}
Southern Manatee Fire Rescue {5.0}
Bradenton Fire Rescue {5.0}
East Manatee Fire Rescue {5.0}
Myakka City Fire District {5.0}
Cedar Hammock Fire Rescue {5.0}
Parrish Fire District {5.0}
North River Fire District {5.0}

MARION COUNTY

Dunnellon Fire Rescue {5.0}
Rainbow Lakes Estates VFD {5.0}
Ocala Fire Dept. {5.0}
Marion County Fire Rescue {5.0}

MARTIN COUNTY

Jupiter Island Dept. of Public Safety {5.0}
Martin County Fire Rescue {5.0}
Stuart Fire Dept. {5.0}

MIAMI-DADE COUNTY

Miami Beach Fire Dept. {5.0}
Hialeah Fire Dept. {5.0}
Miami-Dade Fire Rescue {5.0}
City of Miami Fire Rescue {5.0}
Coral Gables Fire Dept. {5.0}
Village of Key Biscayne Fire Rescue {5.0}

MONROE COUNTY

Monroe County Fire Rescue {5.0}

- Big Coppitt VFD
- Big Pine Key VFD
- Layton VFD
- Tavernier VFD
- Sugarloaf Key Fire Rescue
- Key West Intl Airport Fire Dept

Key West Fire Dept. {5.0}
Ocean Reef Public Safety {5.0}
Islamorada Fire Rescue {5.0}
Key Largo Fire Dept. {5.0}
Marathon Fire Rescue {5.0}

NASSAU COUNTY

Hilliard VFD {5.0}
 Fernandina Beach Fire Dept. {5.0}
 Nassau Oaks VFD {5.0}
 Nassau County Fire Rescue {5.0}

- Bryceville VFD
- Nassauville VFD

 Callahan VFD {5.0}
 Yulee VFD 5.0}
 River Road Community VFD {5.0}
 Ratliff VFR {5.0}

OKALOOSA COUNTY

Destin FCD {5.0}
 Florosa FCD {5.0}
 Crestview Fire Dept. {5.0}
 Baker Fire Dist. {5.0}
 Fort Walton Beach Fire Dept. {5.0}
 Ocean City-Wright FCD {5.0}

- Sylvania Heights Fire District

 Valparaiso VFD {5.0}
 Mary Esther VFD {5.0}
 East Niceville Fire District {5.0}
 Niceville Fire Dept. {5.0}
 Dorcas VFD {5.0}
 Okaloosa Island Fire District {5.0}
 Holt VFD {5.0}
 North Bay Fire District {5.0}
 Almarante VFD {5.0}
 North Okaloosa Fire Dept. {5.0}

OKEECHOBEE COUNTY

Okeechobee County Fire Rescue {5.0}
 Okeechobee Fire Dept. {5.0}

ORANGE COUNTY

Winter Park Fire Dept. {5.0}
 Apopka Fire Dept. {5.0}
 Reedy Creek Improvement District {5.0}
 Maitland Fire Dept. {5.0}
 Ocoee Fire Dept. {5.0}
 Orlando Fire Dept. {5.0}
 Winter Garden Fire Dept. {5.0}
 Greater Orlando Aviation Authority {5.0}
 Orange County Fire Rescue {5.0}

OSCEOLA COUNTY

Kissimmee Fire Dept. {5.0}
 St Cloud Fire Rescue {5.0}
 Osceola County Fire Rescue {5.0}

PALM BEACH COUNTY

Boynton Beach Fire Rescue {5.0}
 Palm Beach Gardens Fire Dept. {5.0}
 Greenacres Dept. of Public Safety {5.0}
 North Palm Beach Public Safety {5.0}
 Boca Raton Fire Dept. {5.0}
 Delray Beach Fire Rescue {5.0}
 Town of Palm Beach Fire Rescue {5.0}
 Palm Beach Shores Fire Dept. {5.0}
 Riviera Beach Fire Rescue {5.0}
 West Palm Beach Fire Rescue {5.0}
 Tequesta Fire Rescue {5.0}
 Palm Beach County Fire Rescue {5.0}

- Pahokee Fire Rescue

PASCO COUNTY

New Port Richey Fire Dept. {5.0}
 Zephyrhills Fire Dept. {5.0}
 Port Richey Fire Dept. {5.0}
 Pasco County Fire Rescue {5.0}

- Land O'Lakes VFD

PINELLAS COUNTY

Pinellas Suncoast Fire Rescue {5.0}
 South Pasadena Fire Dept. {5.0}
 Clearwater Fire Dept. {5.0}
 Oldsmar Fire Rescue {5.0}
 Largo Fire Rescue {5.0}
 Lealman Fire Dept. {5.0}
 Tarpon Springs Fire Dept. {5.0}
 Pinellas Park Fire Dept. {5.0}
 Gulfport Fire Dept. {5.0}
 Dunedin Fire Dept. {5.0}
 East Lake Tarpon Special Fire Control {5.0}
 Madeira Beach Fire Dept. {5.0}
 Palm Harbor Special Fire Control {5.0}
 Safety Harbor Fire Dept. {5.0}
 St Petersburg Fire Rescue {5.0}
 St Petersburg Beach Fire Dept. {5.0}
 Seminole Fire Rescue {5.0}
 Treasure Island Fire Dept. {5.0}
 St Pete/Clearwater Airport Fire Dept. {5.0}

POLK COUNTY

Auburndale Fire Dept. {5.0}
 Lakeland Fire Dept. {5.0}
 Haines City Fire Rescue {5.0}
 Lake Alfred Fire Dept. {5.0}
 Bartow Fire Dept. {5.0}
 Fort Meade Fire Dept. {5.0}
 Lake Wales Fire Dept. {5.0}
 Polk County Fire Dept. {5.0}

- Fedhaven VFD
- Jan Phyl Village Fire Dept.
- Medulla VFD
- Rifle Range Fire Dept.
- Eagle Lake City Fire Dept.
- Indian Lake Estates VFD
- Polk City Fire Dept.
- Providence Fire Dept.
- Highland City VFD
- Mulberry Fire Rescue
- Willow Oaks Fire Dept.
- Loughman VFD
- Poinciana VFD
- Golfview Park Fire Dept.
- Caloosa Lake VFD
- Grape Hammock VFD

 Frostproof Fire Dept. {5.0}
 Winter Haven Fire Dept. {5.0}
 Dundee Fire Rescue {5.0}
 Davenport Fire Dept. {5.0}

PUTNAM COUNTY

Crescent City Fire Dept. {5.0}
 Palatka Fire Dept. {5.0}
 George's Lake VFD {5.0}
 Florahome-Grandin VFD {5.0}
 Francis VFD {5.0}
 Southwest VFD {5.0}
 Interlachen Lake Estates Fire Dept. {5.0}
 Pomona Park/Lake Como VFD {5.0}
 Interlachen Area VFD {5.0}
 East Palatka VFD {5.0}
 Satsuma VFD {5.0}
 Welaka VFD {5.0}
 West Putnam VFD {5.0}
 Georgetown-Fruitland VFD {5.0}
 Hollister VFD {5.0}
 Bostwick VFD {5.0}
 Riverside VFD {5.0}
 Putnam County EMS {5.0}
 Bardin VFD {5.0}

SANTA ROSA COUNTY

Allentown VFD {5.0}
 Milton Fire Dept. {5.0}
 Bagdad VFD {5.0}
 Munson VFD {5.0}
 Pace VFD {5.0}
 Avalon Beach Fire Dept. {5.0}
 Gulf Breeze VFD {5.0}
 Jay VFD {5.0}
 Midway Fire District {5.0}
 Skyline Fire Prot & Rescue District {5.0}
 Holley Navarre Fire Protection {5.0}
 Harold VFD {5.0}
 Navarre Beach Fire Dept. {5.0}

SARASOTA COUNTY

Nokomis VFD {5.0}
 Englewood Area FCD {5.0}
 North Port Fire Rescue {5.0}
 Venice Fire Dept. {5.0}
 Sarasota County Fire Dept. {5.0}

SEMINOLE COUNTY

Lake Mary Fire Dept. {5.0}
 Sanford Fire Dept. {5.0}
 Oviedo Fire Dept. {5.0}
 Seminole County Fire Dept. {5.0}
 Casselberry Fire Rescue {5.0}
 Longwood Fire Dept. {5.0}
 Orlando Sanford Airport Fire Rescue {5.0}

ST. JOHNS COUNTY

St. Augustine Fire Dept. {5.0}
 St. Johns County Fire Rescue {5.0}

ST. LUCIE COUNTY

St. Lucie County Fire District {5.0}

SUMTER COUNTY

Sumter County Fire Rescue {5.0}
 The Villages Public Safety Dept. {5.0}

SUWANNEE COUNTY

Live Oak Fire Dept. {5.0}
 Suwannee County Fire Rescue {5.0}

- Falmouth VFD
- Luraville VFD
- Wellborn VFD
- McAlpin VFD
- O'Brien VFD
- Ranchette VFD

TAYLOR COUNTY

Perry Fire Dept. {5.0}
 Taylor County Fire Rescue {5.0}

- Steinhatchee VFD
- Taylor Beach Fire Dept.
- West District VFD
- Athena VFD
- North District VFD
- Shady Grove VFD

UNION COUNTY

Lake Butler VFD {5.0}
 Union County VFR {5.0}

- Worthington Springs VFD

VOLUSIA COUNTY

Ormond Beach Fire Dept. {5.0}
 Deltona Fire Rescue {5.0}
 Daytona Beach Shores Public Safety {5.0}
 Deland Fire Dept. {5.0}
 Edgewater Fire Rescue {5.0}

2012 Florida Fires APPENDIX

New Smyrna Beach Fire Dept. {5.0}
Daytona Beach Fire Dept. {5.0}
Holly Hill Fire Rescue {5.0}
Orange City Fire Dept. {5.0}
South Daytona Fire Dept. {5.0}
Port Orange Fire Rescue {5.0}
Ponce Inlet Fire Rescue {5.0}
Volusia County Fire Services {5.0}

- Daytona Beach Int'l Airport Fire Dept.

WAKULLA COUNTY
Crawfordville VFR {5.0}
St. Marks VFD {5.0}

Panacea VFD {5.0}
Wakulla County Fire Rescue {5.0}
Sopchoppy VFD {5.0}
Apalachee Bay VFD {5.0}
Medart VFD {5.0}
Ochlochnee Bay VFD {5.0}
Smith Creek VFD {5.0}
Wakulla VFD {5.0}
Riversink VFD {5.0}

WALTON COUNTY
South Walton Fire Dept. {5.0}
Defuniak Springs Fire Dept. {5.0}

Freeport Fire Rescue {5.0}
Liberty Fire District {5.0}
Argyle VFD {5.0}
Walton County Fire Rescue {5.0}

WASHINGTON COUNTY
Chipley Fire Dept. {5.0}
Country Oaks VFD {5.0}
Hinson Crossroads VFD {5.0}
Orange Hill VFD {5.0}

The FFIRS Section would like to thank each of the fire departments responsible for making this report possible. In total, 541 fire departments reported incidents for 2012. This annual report is the product of the compilation of information received from those departments. We appreciate your support which is essential to the production of the annual report. It is our goal to have all fire departments utilizing the reporting system. If your department is not currently participating in FFIRS and would like to, please contact our office at (850) 413-3698 or ffirs@myfloridacfo.com.



OUTSTANDING FIRE AND RESCUE SERVICE PERSONNEL HONORED



Florida Chief Financial Officer Jeff Atwater Presents Fire Service Awards

TALLAHASSEE—Florida Chief Financial Officer and State Fire Marshal Jeff Atwater recognized the Lake Tech Fire Academy and honored 10 fire and rescue service personnel for exceptional dedication to fire and rescue services during the past year. CFO Atwater presented each honoree with an individual resolution signed by the Governor and members of the Cabinet at the Fire Service Awards ceremony. The honorees were also recognized jointly at a Cabinet meeting at the Capitol.

“These men and women are true leaders, role models and heroes who put their lives at risk every time they respond to a fire call,” CFO Atwater said. “I am proud to recognize the outstanding and courageous work that is done by our fire service professionals every single day to protect their fellow Floridians.”

CFO Atwater presented the following individuals with a Fire Service Award:

- Fire Inspector of the Year: Robert Salvaggio, Collier County Fire Control and Rescue District
- Fire Instructor of the Year: Thomas Sousa, West Manatee Fire Rescue
- Forestry Firefighter of the Year: Roy Cribbs, Florida Forest Service
- Fire Marshal of the Year: David Woodside, City of Boca Raton Fire Rescue
- Professional Firefighter of the Year: Dustin Seabolt, Palm Harbor
- Fire Rescue Career Firefighter of the Year: James Hamor, Palm Bay Fire

- Rescue Fire Chief of the Year: Cindy Dick, Tallahassee Fire Department
- Fire Investigator of the Year: Doug Keller, Miami-Dade Fire Rescue Department
- Chad Reed Emergency Manager of the Year: Rodney Andreasen, Jackson County Emergency Management
- Volunteer Firefighter of the Year: Douglas Ten Hoopen, Jacksonville Fire and Rescue Department
- Training Center of the Year: Lake Tech Fire Academy, accepted by Ron Williams, Lake Tech Fire Academy Program Director
- Firefighter Appreciation Week: Muscular Dystrophy Association

For more information about this year's Fire Service Award winners, please visit <http://www.myfloridacfo.com/Division/SFM/FireServiceAward.htm>.







FLORIDA FIRE INCIDENT REPORTING SYSTEM FIRE DEPARTMENT INFORMATION UPDATE

Please take a moment to complete the following survey and return it to the Florida Fire Incident Reporting System Section. We are dedicated to enhancing our training services, course information, and support to Florida fire departments.

Fire Chief: _____ Email: _____

Fire Department: _____ FDID: _____

Mailing Address: _____

Physical Address: _____

Phone Number () _____ - _____ Fax Number () _____ - _____

FFIRS Administrator: _____ Email: _____

Name of Reporting Software: _____

Users of the USFA/National Fire Incident Reporting System Software (Data Entry Tool) Only

What version is your fire department using: _____

Are you reporting On-Line or Off-Line: _____

If not currently reporting, please check the reason(s) below:

- No Computer
- Limited knowledge of software and/or reporting options
- No reporting software
- Other, please explain: _____

If not currently reporting to FFIRS, is your fire department providing incident data to a local or county department?:

- Yes, name of department: _____
- No

The FFIRS Section offers courses on the following:

Please check any that would be beneficial to your department.

- Guidelines to proper coding of incidents
- Data analysis
- Installation and use of the USFA/NFIRS Software

Contact Person (If different from above): _____

Phone Number: () _____ - _____

Additional Comments: _____

Please return this form by using the following fax or mailing address:

Mailing Address: Division of State Fire Marshal Fax: (850) 921-7525
 FFIRS Section
 200 East Gaines Street
 Tallahassee, FL 32399-0340



EVERYONE GOES HOME





FLORIDA FIRE INCIDENT REPORTING SYSTEM SECTION

“Fighting Fires with Facts”

