

ANNUAL REPORT

FISCAL YEAR 2019 (JULY 1, 2018 - JUNE 30, 2019)

Celebrating 25 years as a State Agency!



Making South Carolina a Safe Place to Work and Live

110 CENTERVIEW DRIVE | COLUMBIA, SC 29211



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Introduction

This year marks 25 years since the South Carolina Legislature created the South Carolina Department of Labor, Licensing and Regulation (LLR) by combining 41 separate state agencies, including the Department of Labor, the State Fire Academy, the State Fire Marshal's Office, and 38 professional and occupational licensing boards. Legislators envisioned an organization that would promote efficiency and build accountability while delivering the highest level of customer service. The February 1, 1994, legislation (Act 181) empowered the Governor to appoint a director of LLR with the advice and consent of the Senate.

In 2010, the South Carolina Legislature transferred two more boards to LLR - the Soil Classifiers Advisory Council and the Board of Landscape Architectural Examiners - from the Department of Natural Resources, bringing the total number of LLR boards to 40.

Currently, LLR administers more than 70 programs, from Occupational Safety and Health to professional and occupational licensing to the State Fire Academy and Office of State Fire Marshal, which make up the Division of Fire and Life Safety.

LLR Locations

LLR's Office of the Director, Office of Communications and Governmental Affairs, Administration offices, Office of General Counsel, Department of Technology and Security, Division of Professional and Occupational Licensing (POL), Division of Elevators and Amusement Rides, and Division of Immigration Compliance, are located at Agency headquarters in the Kingstree Building, 110 Centerview Drive, Columbia.

State Fire, which is LLR's Division of Fire and Life Safety, is located at the SC Fire Academy campus, 141 Monticello Trail, Columbia.

The Division of SC OSHA is located at 121 Executive Center Drive, Suite 230, Columbia.

Agency Mission

The mission of the Department of Labor, Licensing and Regulation is to promote the health, safety and economic well-being of the public through regulation, licensing, enforcement, training and education.

Agency Vision

LLR will provide responsible regulatory oversight. We will work with licensees, boards, associations, and citizens to achieve the shared goals and interests of our state. LLR will cultivate an atmosphere of trust, integrity, innovation, compliance and accountability with our partners, leading to a better future for citizens. Through the Agency's work, LLR will reduce injuries in the workplace, fire-related injuries and fatalities, and licensee misconduct through education and enforcement.



Governor Henry McMaster, LLR Director Emily Farr, Deputy Director Dean Grigg, and Lt. Governor Pamela Evette, at LLR's 25th Anniversary celebration on February 1, 2019. As part of the celebration, McMaster unveiled the Agency's new logo, which was created in conjunction with the newly redesigned website. The new site provides a more user-friendly and cohesive online platform. The new logo embraces the three main program areas of the Agency (POL, State Fire, and Labor) and their connection of making South Carolina a safe place to work and live.

Office of the Director

Director:

Emily Farr

The Office of the Director is comprised of the Director and the Office of Communications and Governmental Affairs.

The Governor, with the advice and consent of the Senate, appoints the Director of the Agency. Governor Nikki R. Haley appointed Emily Farr as Interim Director on August 8, 2016, and she was confirmed by the Senate on March 8, 2017.

Office of Communications and Governmental Affairs

Counsel to Office of Communications and Governmental Affairs: Holly Beeson

Communications Director: Lesia Kudelka

The Office of Communications promotes and explains to the public the Agency's goals, activities, and services using a variety of media, including Twitter and Facebook. The director serves as the Agency spokesperson to the media for all programs and manages requests from the public for information requested under the South Carolina Freedom of Information Act to assure compliance with the law. The director also serves as the Agency's Ombudsman.

Requests for Information	
FOIAs	1,417
Subpoenas	84
Total	1,501

**Includes requests for all areas.*

Director of Governmental Affairs: Katie Phillips

The Office of Governmental Affairs serves as a liaison between the Agency and the Governor's Office, legislators, legislative staff, and other state and federal agencies. The Office also is responsible for coordinating, monitoring, and reviewing proposed legislation, amendments, regulations, and approved bills that are initiated and/or affect boards, commissions, and divisions administered by LLR. This includes all relative legislation drafted and introduced by parties external to the department. Additionally, the office assists with training and educating LLR staff, boards, and commissions regarding the legislative process.

Governmental Affairs – Summary of Legislation Passed

The 2019 meeting of the SC General Assembly began the first half of a two-year legislative session.

Enacted Legislation Reflecting Statutory Changes (by Act #)

Act #	Bill #	SC Code Section	Subject and Summary	Board/ Commission	Effective Date
18	H.3732	40-69-255	Controlled Substance Continuing Education The Act requires a veterinarian authorized pursuant to state and federal law to prescribe controlled substances to obtain a DHEC controlled substance registration and complete at least two hours of continuing education every two years related to approved procedures of prescribing and monitoring controlled substances scheduled II, III, and IV.	Veterinary	4/3/19
31	S.109	40-79-20	Alarm System Business Act Amendment The Act adds the following definition of electric fence: 'Electric fence' means an electrified fence with a height not to exceed ten feet or two feet higher than the perimeter fence, whichever is higher, that is equipped with an energizer, driven by a commercial storage battery that does not exceed twelve volts DC. The electric charge produced by the fence upon contact must meet and may not exceed energizer characteristics that are tested against the International Electrotechnical Commission Standard. No electric fence shall be installed or used unless it is surrounded by a non-electrical fence or wall that is not less than five feet high. Electric fences shall be permitted on any property that is not zoned exclusively for residential use. Electric fences shall be clearly identified with warning signs that read: 'Warning - Electric Fence' at intervals of not more than sixty feet. 'Electric fence' does not mean an electrified fence erected for agricultural or wildlife habitat management purposes.	Contractor's	5/13/19
32	S.132	Title 40 Chapter 47	The Act also reorders and renumbers the remaining definitions. South Carolina Physician Assistant Practice Act Act 32 made a number of updates to the Physician Assistants Practice Act and corresponding changes to the Medical Practice	Medical, Pharmacy	8/11/19

34	S.277	Title 40 Chapter 67	<p>Act. The Board of Medical Examiners approved frequently asked questions and a summary of the Act. Click here to access the FAQ and click here to access the summary.</p> <p>Speech-Language Pathology and Audiology Practice Act Update The Act repeals Act 124 of 2015. The Act adds that a speech-language pathology assistant may adhere to the responsibilities within the scope for speech-language pathology assistants set forth by the American Speech-Language-Hearing Association. A speech-language pathologist supervising a speech-language pathology assistant may adhere to the guidelines for supervision of a speech-language pathology assistant set forth by the American Speech-Language-Hearing Association. The Act clarifies continuing education requirements. The Act adds that the chapter does not apply to an educator certified by the SC Board of Education, including an educator certified as a speech-language therapist who is not licensed as a speech-language pathologist and does not hold a certificate of clinical competence in speech-language pathology credential from the American Speech-Language-Hearing Association. The Act also clarifies that the chapter does not apply to a speech-language pathologist or audiologist employed by a state or federal agency or subdivision of the State before September 1, 2020. The Act also makes additional clarifications.</p>	Speech- Language Pathology and Audiology	5/13/19 unless otherwis e noted in the Act
38	S.463	40-43-86	<p>Pharmacists may dispense 90 day prescription refills The Act provides that unless a prescriber has specified on a prescription that dispensing the prescription for a maintenance medication in an initial amount followed by periodic refills is medically necessary, “a pharmacist may exercise his professional judgment, in consultation with the patient, to dispense up to a ninety-day supply of medication per refill up to the total number of dosage units as authorized by the prescriber on the original prescription.” This law does not apply to any scheduled medications, any psychotherapeutic drugs, or any medications requiring reporting to PMP. In consulting with the patient, the pharmacist must use readily available, existing mechanisms such as online claim adjudication and inform the patient of any cost changes of the proposed dispensing change. Additionally, if the pharmacist is presenting the patient with an option to not use an available benefit plan, then the pharmacist must inform the patient that any amounts paid would potentially not apply to the deductibles or other out-of-pocket calculations of his benefit plan. The Act shall not be construed to supersede or invalidate any third party payor agreement, in whole or in part, between a third party payor and a retail pharmacy.</p>	Medical, Nursing, Pharmacy	5/13/19
43	S.105	40-69-30, 47-1-145, 47-1-225, 47-3-10, 47-3-60, 47-3-470 to 47-3-490, 56-3-9600	<p>Veterinarian emergency limited license, animal shelter, and animal cruelty updates The Act specifies that during an emergency or natural disaster, a veterinarian or veterinary technician who is not licensed in SC, but is licensed and in good standing in another jurisdiction, may obtain an emergency limited license to practice veterinary medicine related to the emergency or natural disaster. To be eligible for this emergency limited license, the Governor must have declared an official state of emergency and the Governor must have extended an official invitation to the veterinarian or veterinary technician for a specified time. An applicant must also submit documentation acceptable to the Board to demonstrate</p>	Veterinary	5/16/19

			eligibility for the limited license. The Act also amends requirements related to animal cruelty situations, animal care and rescue organizations.		
46	S.359	38-2-10, 37-71-1810 38-71-2200 to 38-71-2260	Pharmacy Benefit Managers The Act provides that a person or organization may not establish or operate as a pharmacy benefits manager in this State for health benefits plans without obtaining a license from the Director of the Department of Insurance. The law provides additional guidance on the relationship between a pharmacy benefits manager and a pharmacist.	Pharmacy	38-71-1810 and 38-71-2220 effective 5/16/19. Remaining sections effective 1/1/21
55	H.3036	44-37-30 44-37-35	Neonatal testing The Act requires neonatal testing performed pursuant to SC Code Section 44-37-30 to include tests for Krabbe disease, Pompe disease and Hurler syndrome. The Act also requires DHEC to establish the Newborn Screening Advisory Committee to review the feasibility and advisability of including additional disorders in neonatal testing.	Medical, Nursing	5/16/19, but contingent on funding
56	H.3243	8-21-310	Updated fee schedule for specified filing fees and recording fees The Act amends the fee schedule for specified filing fees and recording fees including uniform filing fees for a deed to real estate, a mortgage, real estate sales contract, and many others.	Real Estate	8/1/19
64	H.3703	40-45-230, 40-45-260	Physical Therapy Exam The Act allows an applicant for licensure to take the physical therapy exam up to six times. If the applicant fails the exam the fifth time, he or she must take courses required by the board and furnish evidence of completing those courses before taking the exam the sixth time.	Physical Therapy	5/16/19
65	H.3728	44-53-360, 44-53-1640, 44-130-60, 44-130-88, 44-130-1645	Opioid Antidote Included in Prescription Monitoring Program and Mandatory Electronic Prescribing of Controlled Substances The Act requires DHEC's Bureau of Drug Control to include the administration of opioid antidotes within the Prescription Monitoring Program (PMP). A practitioner or the practitioner's authorized delegate who must review a patient's controlled substance prescription history, must also review the history of the administration of an opioid antidote to the patient. Pursuant to the Act, if a person is administered an opioid antidote in a hospital emergency department or other health care facility and the supervising physician diagnoses the patient as having experienced an opioid overdose, a health care facility must report the administration to the DHEC Bureau of Drug Control for inclusion in the PMP. Similarly, a first responder who administers an opioid antidote shall report to the DHEC Bureau of Emergency Medical Services information regarding the opioid antidote administration for inclusion in the PMP. The Act also requires a practitioner to electronically prescribe controlled substance prescriptions, with listed exceptions.	Medically Related Boards, Pharmacy	1/1/21
66	H.3754	27-30-120, 27-32-10, 27-32-410, 27-32-500 to	Vacation Time Share Plans The Act amends the timeshare closing requirements, and created the Vacation Time Share Plan Extension and Termination Act to Title 27 Chapter 32. The Act also revises the definition of homeowners association or association within Title	Real Estate	5/16/19

27-32-530, 27 Chapter 30.

67	H.3760	38-79-110 to 38-79-300, 38-79-400	Medical Malpractice Liability Joint Underwriting Association Effective on January 1, 2020, the Patients' Compensation Fund shall merge into the South Carolina Medical Malpractice Association. The surviving entity is the Joint Underwriting Association and referred to as the South Carolina Medical Malpractice Association. The board of directors for the South Carolina Medical Malpractice Association shall include four medical providers after consultation with the South Carolina Medical Association, South Carolina Hospital Association, the South Carolina Nurses Association and the South Carolina Dental Association. Any licensed health care provider is entitled to apply to the association for coverage. As of January 1, 2020, all insurers authorized to write on a direct basis bodily injury liability insurance, with exceptions, must pay an assessment equal to their proportional share of twenty percent of the accumulated deficit of the joint underwriting association. Beginning on January 1, 2020, a uniform assessment of not less than two percent and not more than six percent of the net-written premium must be assessed against each member of the association in order to eliminate the accumulated deficits of the association and the fund. Assessments must cease when both accumulated deficits have been fully eliminated or on December 31, 2035, or whichever occurs first. Also beginning on January 1, 2020, a surcharge on premiums shall be assessed on association policyholders equal to the assessment percentage amount on members. The Act provides additional details on these assessments and includes definitions.	Medically Related Boards, Pharmacy	5/16/19, with some provisions taking effect at a later date
68	H.3785	40-2-10 to 40-2-40, 40-2-80, 40-2-90, 40-2-240, 40-2-340	Accountancy practice updates The Act revises several provisions of the Accountancy Practice Act, including open and closed meetings and hearings, protection of confidential information, exam administration, continuing education for non-CPA firm owners, reciprocal licensure and financial statement disclaimers for APs and AP firms.	Accountancy	5/16/19
71	H.3973	16-3-2210 to 16-3-2240, 63-7-20	Female Genital Mutilation The Act prohibits genital mutilation of a female who is under the age of eighteen years or who is unable to consent, with few listed exceptions. A physician, physician-in-training, nurse, certified nurse-midwife, or any other medical professional who performs, participates in or facilitates a genital mutilation procedure that does not fall under one of the listed exceptions is subject to criminal penalties and shall have his professional license or certification permanently revoked.	Medically Related Boards	5/16/19
85	H.3602	44-26-40 to 44-26-60, 44-66-30	Persons Authorized to Make Health Care Decisions for a Patient Unable to Consent The Act provides that where a patient is unable to consent, decisions concerning his healthcare may be made by a list of persons in the order of priority appearing in the law. Previously, the third person in the priority order was "a person given priority to make healthcare decisions for the patient by another statutory provision." That line was moved to ninth in priority, and the word "priority" was replaced by "authority." A tenth individual was added and provides that, after good faith efforts, the hospital or other health care facility determines that the	Medically Related Boards	5/24/19

			persons listed in existing law are unavailable to consent on behalf of the patient, a person who has an established relationship with the patient, who is acting in good faith on behalf of the patient, and who can reliably convey the patient's wishes but who is not a paid caregiver or a provider of health care services to the patient, may make healthcare decision for the patient who is unable to consent.		
87	H.3821	40-33-34	2019 Advanced Practice Registered Nurse Act The 2019 Advanced Practice Registered Nurse Act (APRN) Act amends SC Code Section 40-33-34 to authorize an APRN, unless otherwise provided in the practice agreement, to certify the manner and cause of death, execute a do not resuscitate order and prescribe Schedule II narcotic substances for patients in long-term care facilities. This APRN 2019 Act supplements the legislative changes enacted in 2018.	Medically Related	7/23/19
89	H.4004	44-80-10 to 44-80-120	Physician Orders for Scope of Treatment Act The Physician Orders for Scope of Treatment (POST) Act adds Chapter 84 to Title 44. The POST Act allows an individual to execute a form for use as part of advance care planning, in situations where the patient has been diagnosed with a serious illness, or based on medical diagnosis, may be expected to lose capacity within twelve months, and consists of a set of medical orders signed by a patient's physician addressing key medical decisions consistent with patient goals of care concerning treatment at the end of life that is portable and valid across healthcare settings. DHEC oversees the POST form and its future iterations. DHEC must also create a statewide, uniform process for identifying a patient who has executed any advance directive, a POST form, or a combination of the two. The POST Act allows APRNs to create, execute and sign a POST form if authorized in his or practice agreement, and allows a Physician Assistant (PA) to create, execute and sign a POST form if authorized in his scope of practice guidelines.	Medical, Nursing	5/24/19

The above summary of enacted legislation is strictly for reference only and is not legal advice. LLR is providing this information to notify the public and licensees of recently enacted legislation that may impact his or her practice area or license. This legislative update provides only a high-level overview of enacted legislation and licensees and the public are urged to review the entire enacted legislation, which is available in the hyperlinks above. Neither the Department of Labor, Licensing and Regulation nor any of its employees make any warranty, express or implied, or assumes any legal liability or responsibility for the accuracy or completeness or usefulness of this information.

Department of Technology and Security

Chief Information Officer:

Matt Faile

The Department of Technology and Security provides expertise in development, implementation, security, and maintenance of computer-based information systems and coordinates all information technology activities for the Agency. This Office also manages the Agency's E-commerce presence.

Division of Administration

Director of Finance and Procurement

Abhijit "Abhi" Deshpande

The Budget Office is responsible for coordinating the Agency's budget and federal grants.

The Finance Office is responsible for directing fiscal functions of the Agency.

Finance Manager:

Patrick Jarvis

The Finance Manager supports the Director of Finance in managing and overseeing the administrative functions of the Agency's finance department including the monitoring of annual budget, accounts payable, accounts receivable, general ledger, payroll and annual audit process.

Procurement Manager:

Diane Parker

The Procurement Office is responsible for directing and providing expertise in Agency purchasing, property and vehicle management, employee driver training records, and mailroom services.

Human Resources Director:

Kathryn Britt

The Human Resources Office is responsible for providing services in the areas of consulting, policy development, employee relations, compensation, recruitment, employee training and development, and employee benefits.

Office of General Counsel

General Counsel:

Melina Mann

The General Counsel provides litigation and advice services to LLR programs and oversees the Agency's Office of Disciplinary Counsel and Office of Advice Counsel.

Disciplinary Counsel:

Pat Hanks

The Office of Disciplinary Counsel handled the following cases during FY 19:

- Division of POL cases opened 1,051
- Division of POL cases closed 1,186

Chief Advice Counsel:

Darra James Coleman

The Office of Advice Counsel provides legal advice to all boards, commissions and panels, and administrative staff. The Office essentially serves as the "in-house law firm" for these entities. In addition to assisting them with conducting meetings, Advice Counsel handles appeals on non-disciplinary issues, performs special research projects, offers training, and provides support to administrative staff with resolution of legal questions arising from the licensure process.

Labor Programs

Division of SC Occupational Safety and Health Administration (OSHA)

Office of Deputy Director

Deputy Director: Kristina Baker

Chief OSHA Counsel: Deidre D. Laws

The purpose of SC OSHA's Office of Legal Counsel is to provide litigation and legal advice to SC OSHA's compliance officers, managers, and other OSHA staff. The office essentially serves as the "in-house law firm" for OSHA, while also handling contested cases, performing special tasks, obtaining warrants and issuing subpoenas for compliance staff, offering legal training, and overseeing SC OSHA's Informal Hearing and 11(c) Whistleblower programs.

OSHA CONTESTED CASES

Manager Deidre D. Laws

Coordinator Sandra LaRue

When SC OSHA issues citations, the employer has 30 days after receipt of citations to formally contest the alleged violations, penalties, and/or abatement by sending a written notice to the South Carolina Administrative Law Court.

FY 19 Statistical Information:

- Total number of contested cases opened: 7
- Total number of contested cases closed: 10*

*includes cases carried forward from FY 18

11(c) WHISTLEBLOWER INVESTIGATIONS

Manager: Deidre D. Laws

Investigator: Sierrah L. Oates

SC OSHA has jurisdiction over matters involving any private sector employee believing that he/she has been discharged or otherwise retaliated against by any person because the employee engaged in protected activity related to health and/or safety issues in the work environment. Valid complaints are investigated thoroughly, and the Agency has the authority to dismiss the complaint if it is determined that there is no merit, or if there is merit, facilitate a settlement or initiate litigation against the employer.

FY 19 Statistical Information:

- Total number of whistleblower cases opened: 84
- Total number of whistleblower cases closed: 95*

*includes cases carried forward from FY 16-18

South Carolina and federal laws are the source of various rights employers and employees have in their employer/employee relationships. LLR's SC is one of several state and federal agencies that administers these laws.

Compliance Manager: Anthony Wilks

The purpose of the state Occupational Safety and Health Act is to ensure working people a safe and healthful working environment. SC OSHA is committed to strong, fair, and effective enforcement of safety and health requirements in the workplace. South Carolina OSHA compliance officers are experienced, well-trained safety and health professionals who work to assure compliance with occupational safety and health requirements, and to help employers and workers reduce on-the-job hazards and prevent injuries, illnesses, and deaths in the workplace.

Inspections are initiated without advance notice and are based on the following priorities:

- Imminent Danger
- Fatalities or Catastrophes
- Worker Complaints and Referrals

- Follow-up Inspections
- Target Inspections – Particular Hazards, High Injury/Illness Rates

South Carolina OSHA is required by law to issue a citation and proposed penalty within six months of a violation’s occurrence. Citations describe the alleged violation, list any proposed penalties, and provide a deadline for correcting the alleged hazards. Violations are categorized as other-than-serious, serious, willful, repeat, and failure to abate. Penalties may range up to \$7,000 for each serious violation and up to \$70,000 for each willful or repeated violation. Penalties may be reduced based on an employer’s good faith, inspection history, and business size.

When citations are issued, the employer has an opportunity to request an informal conference to discuss the citations, penalties, abatement dates, or any other information pertinent to the inspection. The Agency and the employer may work out a settlement agreement to resolve the matter and to eliminate the hazard. SC OSHA’s primary goal is to get hazards corrected and maintain compliance rather than issuing citations or collecting penalties.

If a settlement cannot be reached, employers have 30 working days after receipt of citations and proposed penalties to formally contest the alleged violations and/or penalties by sending a written notice to the South Carolina Administrative Law Court. Alternatively, citations, penalties, and abatement dates not challenged by the employer or settled, become a final order of the Agency.

Statistical Information FY 19		
OSHA Inspections:	Number	Percentage
Total	417	100%
Safety Inspections	325	77.9%
Health Inspections	92	22.1%
Inspections by Type		
Planned	166	39.8 %
Complaints	113	27.1 %
Accidents and Fatalities	25	6.0 %
Referrals	28	6.7 %
Follow-up	22	5.3 %
Programmed-Related	13	13.1 %
Unprogrammed-Related	20	4.8 %
Monitoring	0	0.0 %
Employer Reported Referrals	30	7.2 %
Number of Violations:		
Total	559	100 %
Serious	448	80.1%
Other-than-Serious	110	19.7 %
Repeat	1	0.2 %
Willful	0	0.0 %
Inspections resulting in findings of in-compliance	222	53.2 %

Information Technology System

State Plan Manager:

Gwendolyn Thomas

South Carolina, in accordance with federal standards and regulations, administers its own occupational safety and health program. The Program’s objective is to help insure South Carolina workplaces are safe and healthful places for all workers. The OSHA Information Technology System (ITS) department provides statewide inspection data to Federal OSHA as required by law. SC OSHA’s Information Technology System also compiles and publishes safety data and statistics to state and local governments, which, in part, helps guide policy deliberation and decisions. It is the responsibility of the ITS department to collect, analyze, and transmit accurate inspection data to federal OSHA on a daily basis. Internally, that same data is analyzed with an eye towards helping SC OSHA continuously improve both its safety inspection and consultation programs.

For the past 10 years, South Carolina has utilized an in-house data collection and information management system. The South Carolina OSHA Redesign and Enhancement (SCORE) Information System, running on the OSHA Express™ software platform, was built and implemented in 2009. In addition to a “real time” data analysis capability, the system provides significant cost avoidance through the reduction of paper files. In fiscal year 2019, SCORE obviated the need to maintain paper inspection reports for 417 inspections and 497 consultation visits. SCORE not only provides an efficient means of data entry and secure storage, it also allows South Carolina OSHA to retrieve and analyze that data instantaneously.

Standards Office

State Plan Manager:

Gwendolyn Thomas

Safety Standards Officer
Health Standards Officer

LaTashi Jones
Justin Marshall

The purpose of SC OSHA’s Standards Office is to review all OSHA documents and recommend to the SC OSHA State Plan Manager actions such as adoption of new standards promulgated by Federal OSHA, amendments to existing standards, review of Federal OSHA Compliance Directives for state implementation, and coordination of all public hearings for the adoption of new or amended standards and regulations.

This area also evaluates the validity of temporary and permanent variances. An employer may apply for a variance from a standard based on the following reasons:

- the employer’s practices do not follow the letter of the standard but do afford employees protection equal or superior to that specified by the standard;
- unavailability of personnel, materials or equipment; or
- construction is needed that cannot be completed by the effective date of the standard.

The Standards Office also evaluates situations to insure alternative protections are being afforded to employees, and submits recommendations regarding the variance application to the SC OSHA State Plan Manager.

The SC OSHA Standards Area assists many employers, employees and compliance personnel who desire to eliminate safety and health workplace hazards. Electrical hazards, machine guarding problems, bloodborne pathogens, injury and illness recordkeeping, and matters regarding fall protection are examples of conditions for which information and assistance is frequently requested.

SC OSHA Standards Office performed the following activities during the FY 19:

South Carolina OSHA promulgated revisions to three existing SC OSHA Standards. The following standard amendments were adopted during two public standard adoption hearings held on September 6, 2018, and February 5, 2019:

- General Industry Subpart Z, Toxic and Hazardous Substances – Beryllium (§ 1910.1024)
- Construction Subpart CC, Cranes and derricks in construction – Operator training, certification, and evaluation (§1926.1427)
- Construction Subpart CC, Cranes and derricks in construction – Training (§1926.1430)

Additionally, on May 7, 2019, SC OSHA held a variance hearing for Just Aircraft LLC, which was seeking a permanent variance from full compliance with 29 CFR 1910.107(c)(6).

Inquiries Answered by the Standards Office by Type	
Standards Information	292
Technical Information/ Advice	200
Standards Interpretation	154
General Information	408
Referrals	439
Total	1,493

Office of Occupational Safety and Health Statistics (OSH)

BUREAU OF LABOR STATISTICS

State Plan Manager:

Gwendolyn Thomas

Research and Planning Administrator:

Felecia G. Busby

The OSH Statistics Section, in cooperation with the [U.S. Department of Labor, Bureau of Labor Statistics](#), conducts the annual Bureau of Labor Statistics (BLS) Survey of Occupational Injuries and Illnesses and the [Census of Fatal Occupational Injuries \(CFOI\) Program](#). The survey measures non-fatal injuries and illnesses only and excludes the self-employed, farms with fewer than 11 employees, private households, and Federal government agencies. The CFOI program compiles detailed information on all work-related fatal injuries in South Carolina.

A relatively small percentage of the total private sector employers and local government agencies, are selected to report on the annual BLS survey. Data collected in the survey is based on uniform record-keeping requirements, which are mandatory under provisions of both the 1970 Occupational Safety and Health Act and corresponding state laws.

The data compiled in the Survey of Occupational Injuries and Illnesses and the CFOI Program are used to provide a management tool for safety engineers and persons interested in measurements of work injuries and illnesses. They use the data to develop strategies aimed at reducing fatal and non-fatal injuries and illnesses on the job.

*2017 Occupational Injuries and Illnesses Statistics	
Number of employees in SC private sector workforce	1,685,996
Number of employees in SC public sector workforce	313,637
Number of reported private sector injuries/illnesses	34,800
Injury and Illness rate per 100 employees – private sector	2.5
Number of reported public sector injuries/illnesses	10,600
Injury and Illness rate per 100 employees – public sector	4.2
*2017 CFOI Statistics	
Number of fatal occupational injuries	88
- Private sector	76
- Public sector	12

*2017 Data represents the most current year available from the BLS.

Compliance Officer Training

State Plan Manager:

Gwendolyn Thomas

Training Director

Kristal Davis

South Carolina OSHA had eight new Compliance Safety and Health Officers (CSHOs) trained and released to conduct field inspections in FY 19. In addition to the new officer training program, many other training classes were scheduled and attended. There were Agency classes, in-house topic specific training, OSHA web-based training, webinars and formal training at the OSHA Training Institute (OTI) in Chicago. SC OSHA hosted formal training classes by inviting training staff from OTI to Columbia to teach Permit Required Confined Spaces to 37 OSHA employees. SC OSHA also utilized the educational services of the SC State Fire Academy to train 15 CSHOs as Hazardous Materials Technicians. In FY 19, more

than 253 SC OSHA employees trained for more than 3,500 hours. This is approximately three times the number of annual hours of formal training required for each CSHO. SC OSHA will continue to host classes in FY 20 with instructors returning from the OSHA Training Institute for Accident Investigations and Evaluation of Safety & Health Management Systems. Training also will be conducted by North Carolina State OSHA Outreach on electrical hazards and BMW of South Carolina will provide guidelines on Automation and Simple Ergonomics.

Office of Outreach and Education

Outreach and Education Manager: Sharon Dumit

The Office of Outreach and Education provides safety and health courtesy inspections, technical assistance, and safety and health training to aid the business community in voluntary compliance with all areas of the Occupational Safety and Health Act. In addition, this area also provides recognition and outreach programs such as the Palmetto Star, SHARP, Alliances and Partnerships. These services are free to both public and private sector employers. Safety and health consultations are confidential. Training resource materials, brochures, booklets, audio-visual programs, seminars, lectures and extended courses have been developed to assist employers in providing employees a safe and healthful work environment.

The Voluntary Protection Program (VPP), or Palmetto Star Program, and the Safety and Health Achievement Recognition Program (SHARP) recognize manufacturing facilities with exemplary safety and health records and reduced injury and illness rates.

CONSULTATION SERVICES

Outreach and Education Manager: Sharon Dumit

Coordinator: Kenyarda Edwards

The goal of this program is to make worksites safer. Free consultations by safety and health professionals with expertise in safety and health workplace issues are provided to businesses and public sector employers. Consultants help employers identify and correct specific hazards, provide guidance in establishing or improving an effective safety and health program, and offer training and education for employers, supervisors, and employees. The primary target of the program is smaller businesses in higher hazard industries or with especially hazardous operations. Consultations are independent of SC OSHA’s enforcement activity, and records are kept confidential and separate from OSHA’s enforcement program. The only obligation of the businesses using these services is to correct, in a timely manner, any job safety and health hazards found during the consultation visit.

Consultation Activity for FY 19	
Number of Consultation requests	556
Number of Employees helped	10,561
Number of Workplaces visited	497
Number of Workplaces achieving compliance	497
Number of Workplaces referred to compliance	0

Amount saved in OSHA fines by businesses achieving compliance										
FY09	FY10	FY11	FY12	FY13	FY14	FY 15	FY 16	FY17	FY18	FY19
2.5M	2.1M	1.4M	1.5M	1.5M	1.6M	1.8 M	1.7M	1.4M	1.9M	1.3M

EDUCATION AND TRAINING

Outreach and Education Manager: Sharon Dumit

Coordinator: Kelli Bennett

Training classes are provided for employees and employers covering key safety issues facing workplaces today, such as SC OSHA’s Rights and Responsibilities, Lockout/Tagout, Fall Protection in Construction and Violence in the Workplace. This service within the Office of Outreach and Education provides a variety of training programs and presentations designed to reduce or eliminate safety and health hazards in the workplace. Upon request, training is available to employers and employees in the public and private sector and may take place on-site (requiring participation of 12 or more employees). In FY 19, more than 353 training programs were

delivered to employees throughout the state, resulting in more than 9,947 employees trained on various SC OSHA regulations and other safety and health issues.

Education and Training Provided for FY 19	
Number of training programs:	353
Number of contact hours:	11,449
Number of trainees:	9,947

General industry, health, and construction areas are covered in the training curriculum. Examples of training programs offered include, but are not limited to:

- OSHA Inspection Process
- Bloodborne Pathogens
- Lockout/Tagout (LOTO)
- Trenching/Excavation
- Hazard Communication
- SC SMART- Safety Management & Accident Reduction Training
- Organizational Safety Culture
- Fall Protection (Construction)
- Personal Protective Equipment
- Violence in the Workplace
- Scaffolding (Construction)
- Permit Required Confined Spaces
- Industrial Trucks (Forklifts)
- OSHA Recordkeeping
- Electrical Safety

Recognition and Outreach

Outreach and Education Manager:

Sharon Dumit

Coordinator:

Kenny Fernandez

This area is responsible for Palmetto Star (VPP) and the Safety and Health Achievement Recognition Program (SHARP). It is also responsible for alliances and partnerships with South Carolina businesses and associations.

PALMETTO STAR

The Palmetto Star Program recognizes qualified employers who exceed the requirements of the Occupational Safety and Health Act of 1970 in providing its workers a safe and healthy worksite. Any employer in North American Industry Classification System (NAICS) Codes 31-33 may apply.

Palmetto Star sites are not expected to be perfect. However, they are expected to effectively protect their workers from workplace hazards through safety and health systems. A Palmetto Star site is one that has proven it is able to function independently of OSHA and is self-sufficient in its ability to control hazards at the worksite.

To qualify, an applicant must demonstrate management's commitment to safety, assess hazards that may be present within the workplace, maintain a system for hazard correction and control, provide employees safety and health training, and assure employee participation in safety and health programs. Finally, the company must have a total injury/illness incident rate and a total lost workday incident rate that is 50 percent or below the state average for the applicant's industry for each of the last three years.

Palmetto Star Program	
Number of active approved Palmetto Star sites	39
Number of initial evaluations conducted	0
Number of initial approvals for FY 19	0
Number of three-year re-evaluations conducted	5

Approved Palmetto Star Sites by Year											
FY08	FY09	FY10	FY011	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
58	45	44	44	41	40	40	41	39	41	39	39

Palmetto Star Site	Location	Approval Date
Milliken and Company Gilliland Plant	Laurens, SC	05/31/94
Milliken and Company Dewey Plant	Inman, SC	07/29/94
BAE Systems	Aiken, SC	09/30/94
Milliken and Company Cushman Plant	Williamston, SC	05/31/95
Milliken and Company Gerrish Plant	Pendleton, SC	11/30/95
SAGE Gayley Plant	Marietta, SC	08/30/96
Milliken and Company Gillespie Plant	Union, SC	12/05/96
Milliken and Company Cedar Hill Plant	Jonesville, SC	02/10/97
SAGE Abbeville Plant	Abbeville, SC	06/12/97
Milliken and Company Allen Plant	Blacksburg, SC	07/07/97
SAGE Sharon Plant	Abbeville, SC	02/26/98
Milliken and Company Johnston Plant	Johnston, SC	04/10/98
Milliken and Company McCormick Plant	McCormick, SC	04/30/98
Honeywell	Greer, SC	07/15/98
Milliken and Company Pendleton Plant	Pendleton, SC	09/30/98
Milliken and Company Magnolia Plant	Blacksburg, SC	03/10/99
International Paper Log/Fiber	Georgetown, SC	03/12/99
Milliken and Company Roger Milliken Research and Customer Center	Spartanburg, SC	05/31/00
Ascend, Inc.	Greenwood, SC	07/31/00
Milliken and Company Whitestone Plant	Whitestone, SC	02/23/00

GE Medical Systems	Florence, SC	10/22/01
Milliken and Company Enterprise Plant	Marietta, SC	11/15/01
Bridgestone	Graniteville, SC	01/08/02
Milliken and Company Sycamore Transportation/Distribution Center	Clinton, SC	01/08/02
Graphic Packaging International	Prosperity, SC	12/29/03
Milliken and Company Hillcrest Plant	Simpsonville, SC	05/08/04
Performance Pipe	Startex, SC	05/07/15
Anmed	Anderson, SC	12/19/05
SAGE Cotton Blossom Plant	Spartanburg, SC	08/14/06
Koppers Performance Chemicals	Rock Hill, SC	10/11/06
GE Aviation	Greenville, SC	06/25/09
Nucor Building Systems	Swansea, SC	11/16/09
CompX	Mauldin, SC	08/10/10
Nucor Steel Berkeley	Huger, SC	04/25/11
Glen Raven Custom Fabrics	Anderson, SC	07/08/13
Robert Bosch , Anderson Plant	Anderson, SC	04/23/15
Robert Bosch, Charleston Plant	Charleston, SC	09/01/16
SIGroup	Orangeburg, SC	07/29/16
Solvay Specialty Polymers	Greenville, SC	12/17/17

SAFETY AND HEALTH ACHIEVEMENT RECOGNITION PROGRAM (SHARP)

The SHARP program is designed to provide incentives and support to employers that implement and continuously improve their safety and health management systems at their worksites. The standards required to get into SHARP are less stringent than that of the Palmetto Star program. It is a good alternative for a smaller company that may not have the resources to become a Star site or as a stepping-stone to becoming a Star. Acceptance into SHARP by SC OSHA is an achievement of status that makes companies stand out among their peers as models for worksite safety and health. SHARP participants are exempted from SC OSHA programmed inspections.

Requirements for participation in the SHARP program are:

- Receive a full-service safety and health consultation visit and a comprehensive review of safety and health management systems. In addition, all hazards found by the consultant(s) must be corrected.
- Receive a score of at least two on all 50 basic attributes of the Form 33. Additionally, all “stretch items” of the Form 33 must be scored. “Stretch items” are those safety and health attributes above the basic attributes of a foundational safety and health management system, such as employee participation in hazard prevention and control activities within the worksite.
- Agree to notify the Office of OSHA Voluntary Programs and request a subsequent on-site consultation visit when changes in working conditions or work processes occur that may introduce new hazards into the workplace.
- Have a total injury/illness incident rate and a total lost workday incident rate that is below the state average for the applicant's industry for the previous year.
- Submit a request for SHARP participation.

Office of OSHA Voluntary Programs: SHARP Sites

SHARP Site	Location	Approval Date
Cintas Corporation #216	Greenville, SC	6/10/14
Shred-It	Roebuck , SC	07/02/14
Ply Gem Siding Group	Gaffney , SC	08/23/08
Cherokee County Cogeneration	Gaffney, SC	12/10/09
AECOM N&E (Formerly URS Professional Solutions)	Aiken, SC	06/12/13
Sonoco Recycling	Spartanburg, SC	03/05/15
CDC Berkeley	Berkeley, SC	08/09/12

ALLIANCES AND PARTNERSHIPS

The Alliance Program works with groups committed to safety and health, including businesses, trade or professional organizations, unions, and educational institutions. The purpose is to leverage resources and expertise, to develop compliance assistance tools and resources, and share information with employers and employees to help prevent injuries, illnesses, and fatalities in the workplace.

There are many benefits to participating in an Alliance. The agreements, which are signed for two years, help organizations to:

- Build trusting, cooperative relationships with OSHA.
- Network with others committed to workplace safety and health.
- Leverage resources to maximize worker safety and health protection.
- Gain recognition as proactive leaders in safety and health.

Organizations may be cooperating with OSHA for the first time, or they may be continuing their existing relationships, which the Agency established through other cooperative programs.

OFFICE OF OUTREACH AND EDUCATION: CURRENT ALLIANCES

Currently, there are no active alliances.

OFFICE OF OUTREACH AND EDUCATION: CURRENT PARTNERSHIPS

Outreach and Education has a partnership agreements with the following companies:

- BE&K Building Group and its subcontractors working on the Greenville JHM Hotels-Residence Inn/SpringHill Suites Project site in Greenville. The partnership agreement was signed on March 22, 2018.
- Brasfield and Gorrie and its subcontractors working on the Camperdown Project in Greenville. This partnership agreement was signed November 27, 2018.
- Whiting-Turner Contracting Company and its subcontractors working on the MNK Project in Monks Corner. This partnership agreement was signed November 27, 2018.

OFFICE OF OUTREACH AND EDUCATION: CURRENT YOUTH SAFETY OUTREACH PROGRAM

To promote a culture of safety and health in the youth of South Carolina, the Office of Outreach and Education has a youth outreach. The objective is to provide South Carolina high school students, who are attending career centers, with OSHA General Industry Safety Training. From August 2018 through April 2019, the Outreach program provided safety training to more than 754

students at four high school career centers in Greenville and Spartanburg. Approximately 612 students were trained and certified in the OSHA 10-hour class. This certification gives students an advantage when entering the workforce. General Safety Awareness Training was provided for students on career paths that do not require an OSHA 10 certification. This training helps students working at manufacturing facilities, in vocational education pathways, and for students seeking general safety knowledge that will benefit students as well as potential employers. With safety awareness training, students can enter the workforce with safety knowledge that will empower them to assist employers in building a safety culture that will lower the injury and illness rates and in turn, lower worker compensation rates and increase productivity. In addition, this will also assist the schools fulfilling the South Carolina Department of Education requirement for OSHA Awareness Training, OSHA 10 and OSHA 30 training requirements as stated in the *Career and Technology Education Manufacturing Course Standards for Introduction to Manufacturing, Welding, Mechatronics, Machine Technology, and Electronics*.

Division of Elevators and Amusement Rides

Counsel to the Division of Elevators and Amusement Rides

Melina Mann

Administrator:

Duane Scott

Created in 1986, the Office administers the South Carolina Elevator Code and the South Carolina Amusement Ride Safety Code. To ensure compliance with both codes, licensed inspectors conducted inspections of new and existing elevator facilities and amusement rides in FY 19.

Elevator and amusement ride annual inspections are outsourced to certified special inspectors licensed by LLR. LLR employs a team of auditors who travel the state to randomly review the work done by the special inspectors.

Elevator Safety Inspections

Per Chapter 16 of Title 41 of the South Carolina Code of Laws, 1976 (as amended), the Office of Elevators and Amusement Rides administers regulations governing construction, alteration, and installation of new elevators, escalators, dumbwaiters, handicapped lifts, and moving walks. It also administers safety standards for existing facilities. All safety standards are national consensus standards in accordance with the American National Standards Institute. The office, and the private inspectors it licenses, inspects elevator facilities and issues operating certificates.

The highest numbers of registered facilities are in Richland, Charleston, Greenville, and Horry counties.

Fees for the inspections performed by the Office of Elevators and Amusement Rides are based on the contract price for new elevators under construction or the number of floors served by existing elevators.

FY 19 Statistical Information

Total number of elevators registered in the state: 14,023

Total number of elevators inspected: 10,740*

**By statute, some elevators are not required to be inspected annually.*

Amusement Ride Safety Inspections

Per Chapter 18 of Title 41 of the South Carolina Code of Laws 1976 (as amended), the Office of Elevators and Amusement Rides administers regulations to guard against injuries in the assembly, disassembly, and use of amusement devices at carnivals, fairs, amusement parks and other places open to the public. The office, and any special inspector it licenses, inspects amusement devices and issues operating permits.

Inspection fees are based on the type of device being inspected and are set by regulation.

FY 19 Statistical Information

Total number of amusement rides inspected in the state: 678

Total number of amusement rides permitted in the state: 667

Bungee Jumping Inspections

The Office began regulating the practice of bungee jumping in July 1994. In FY 19, there were no applications for bungee jump permits.

Division of Immigration Compliance

Deputy Director:

Kristina Baker

South Carolina Illegal Immigration Reform Act

Following a U.S Supreme Court decision in May 2011 (Whiting v. US Chamber of Commerce) that brought into question the constitutionality of the 2008 South Carolina immigration law, the LLR suspended enforcement of the Illegal Aliens and Private Employers Act effective May 31, 2011.

In June 2011, the state legislature amended the 2008 law in conformance with the U.S. Supreme Court decision.

Effective January 1, 2012, every private employer of one or more workers must verify new employees through the U.S. Department of Homeland Security's E-Verify work authorization program within three business days of hiring.

A private employer may not knowingly or intentionally employ an unauthorized alien. Failure of an employer to

comply with the law results in either probation for the employer, suspension of the employer's business licenses, or revocation of the employer's business licenses.

For a first occurrence by a private employer, prior to July 1, 2012, of failure to verify a new hire through the E-Verify federal work authorization program, the penalty was waived where the employer swears or affirms in writing to the South Carolina Department of Labor, Licensing and Regulation that the employer has complied with the provisions of the federal law covering employment of unauthorized aliens (8 U.S.C. Section 1324a) from January 1, 2012 until notification by the Department of LLR of a violation, and upon compliance with the state law on verification of new hires within three business days.

For a first occurrence by a private employer, after July 1, 2012, of failure to verify a new hire through E-Verify, the Department of LLR must place the employer on probation for a period of one year, during which time the private employer must submit quarterly reports to the Agency demonstrating compliance with the law. A subsequent violation within three years of the law's verification requirements must result in the suspension of the private employer's license(s) for at least 10 days, but not more than 30 days.

Office of Investigations and Enforcement(OIE)

Deputy Director:

Dean Grigg

Assistant Deputy Director:

Christa Bell

The Office of Investigations and Enforcement (OIE) has the responsibility to investigate all complaints received within the Division of Professional and Occupational Licensing Boards (POL), to include the Office of Wages and Child Labor, and to enforce Board orders. OIE was created to allow for better utilization, training, and efficiency of the investigative staff.

OFFICE OF WAGES AND CHILD LABOR

Chief Investigator David Love

The Office of Wages and Child Labor enforces the South Carolina Labor Laws regarding Payment of Wages and Child Labor. In 1986, the Office was given new responsibilities and authority by passage of Act 380, a complete revision of the Payment of Wages Law. This Act requires employers to give written notice to employees of certain key terms and conditions of its wages, to pay according to this notice, and to keep records of the payments. LLR is authorized to make inspections, issue warnings and citations, and assess civil penalties for violations of the Act.

In 1989, the Office was given new responsibilities by passage of Act 135, which is an amendment to state child labor laws. The amendment allows the Agency to make findings concerning employers who engage in any oppressive child labor actions, to issue warnings and citations and to assess civil penalties for violations of the Act.

This Office was reorganized and placed under LLR's Office of Investigations and Enforcement, effective Sept. 19, 2005.

FY 19 Statistical Information	
Audits conducted	3,022
Employers with no new hires during audit period	1,234
Employers who E-Verified new hires	1,251
Employers who did not E-Verify new hires	247
Percentage of employers in compliance	92%
Employees E-Verified	96,071
Employees not E-Verified	6,507
Percentage of employers in compliance	94%

Statistical Information FY2019

Wages	
Complaints Investigated	1,543
Violations Cited	1,207
Number of Warnings Issued	445
Number of Citations Issued	473
Wages Paid in Violations to	\$883,613
Child Labor	
Child Labor Complaints	8
Child Labor Violations Cited	6
Number of Warnings Issued	2
Number of Citations Issued	1

Division of Professional and Occupational Licensing (POL)

Deputy Director:	Dean Grigg
Assistant Deputy Director	Robbie Boland
Assistant Deputy Director	Jack Beasley

Board of Accountancy

The Board examines applicants and issues certificates and licenses to certified public accountants, public accountants, and accounting practitioners. The Board may discipline certificate and license holders, prescribe rules and regulations, investigate complaints, and, in general, regulate the practice of accounting in South Carolina.

Mailing Address:	110 Centerview Drive, Kingstree Bldg, Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4770
Fax:	(803) 896-4554
Website:	www.llr.sc.gov/acct/
Administrator:	Susanna Sharpe, CPA susanna.sharpe@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1915
SC Code of Laws:	40-2-5, et seq.
Regulation:	1-01, et seq.
Board Member Slots:	11
How appointed:	By the Governor, recommendation profession association
Board Meetings:	6 annually
Number of states and jurisdictions that license same profession:	50 states, 5 jurisdictions
Licensing Period	Annually, Expires January 31 st
Endorsement Accepted:	Endorsement
Total:	7,849
Certified Public Accountants:	6,082
Public Accountants:	4
Accounting Practitioners:	68
Accounting Firms In-State Registration:	1,333
Accounting Firms Out-of-State Registration:	362
Complaints Received:	60
Investigations:	92
Dispositions:	61

Board of Architectural Examiners

The Board's mission is to safeguard the health, safety and welfare of the citizens of South Carolina by registering and regulating architects to ensure competent practitioners in the profession. The Board establishes standards of conduct, investigates complaints, and engages in disciplinary action when necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4408
Fax:	(803) 896-4427
Website:	www.llr.sc.gov/arch/
Administrator	Lenora Addison-Miles lenora.miles@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1917
SC Code of Laws:	40-3-5, et. seq.
Regulation:	11-1, et. seq.
Board Member Slots:	6
How appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and territories that license same profession:	50 states, 4 territories
Licensing Period	
Individual	Biennially, Expires June 30 th (odd years)
Firm	Biennially, Expires August 31 st (odd years)
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	5,862
Architect:	4,300
Business Corporation Firm:	133
Firm:	1,332
Partnership Firm:	10
Professional Association Firm:	67
Sole Proprietor Firm:	20
Complaints Received:	46
Investigations:	53
Dispositions:	17

Athletic Commission

The Commission directs, manages and controls professional boxing, wrestling, sparring events, exhibitions and performances occurring in South Carolina. The Commission stresses protection of the participants of permitted events. The Commission inspects events and applies disciplinary actions whenever necessary in accordance with state and federal laws.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4571
Fax:	(803) 896-4427
Website:	www.llr.sc.gov/ath/
Administrator:	Eric Thompson Eric.Thompson@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Commission Established:	1984
SC Code of Laws:	40-81-10, et. seq.
Regulation:	20-1.1, et. seq.
Commission Member Slots:	8
How appointed:	By the Governor
Commission Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	42 states, 0 jurisdictions
Licensing Period:	Annually, Expires December 31 st
Endorsement/Reciprocity Accepted:	No
Total:	853
Amateur Mixed Martial Arts:	40
Announcer:	7
Judge:	12
Manager:	3
Match Maker:	1
Muay Thai	0
Off The Street Boxer:	0
Professional Boxer:	49
Professional Mixed Martial Arts:	51
Promoter:	32
Promoter's Representative:	1
Referee:	6
Second:	164
Trainer:	40
Wrestler:	393
Wrestling Announcer:	22
Wrestling Referee:	32
Complaints Received:	7
Investigations:	9
Dispositions:	7

Auctioneers Commission

The Commission is responsible for the administration and enforcement of the Auctioneers' Law, which establishes specific standards of conduct for practitioners to protect the public. Auctioneers, apprentice auctioneers and auction firms are licensed and regulated.

Mailing Address:	110 Centerview Drive, Kingtree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4670
Fax:	(803) 896-4554
Website:	www.llr.sc.gov/auc/
Administrator:	Amy Holleman amy.holleman@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Commission Established:	1977
SC Code of Laws:	40-6-05 et. seq.
Regulation:	14-1, et. seq.
Commission Member Slots:	5
How appointed:	By the Governor
Commission Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	17 states, 0 jurisdictions
Licensing Period:	Biennially, Expires June 30 th
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	1,125
Auctioneers:	920
Auction firms:	201
Auctioneer Apprentice:	4
Complaints Received:	21
Investigations:	17
Dispositions:	8

Board of Barber Examiners

The Board is responsible for licensing all barbers, barbershops, barber colleges, and instructors, and for conducting examinations of barbers and instructors. Regular inspections are made in all barbershops and barber schools. In addition, the Board investigates complaints and provides discipline when necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4588
Fax:	(803) 896-4484
Website:	www.llr.sc.gov/bar/
Administrator:	Theresa Brown theresa.brown@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1937
SC Code of Laws:	40-7-5, et. seq.
Regulation:	17-1, et. seq.
Board Member Slots:	5
How appointed:	By the Governor
Board Meetings:	Bi-Monthly
Number of states and jurisdictions that license same profession:	44 states, 0 jurisdictions
Licensing Period:	
Barbers:	Biennially, Expires June 30 th (odd years)
Registered Hair Braiders:	Biennially, Expires June 30 th (even years)
Endorsement Accepted:	Yes
Total:	8292
Registered Barbers:	1,850
Registered Barber Apprentices:	59
Master Hair Care:	2,155
Shampoo Barber Assistants:	2
Barber Assistant Manicurists:	6
Barber Shops:	1,571
Barber Colleges:	34
Barber Instructors:	495
Student Barbers:	442
Barber On-the-job Training:	137
Hair Braiders Registration:	1,420
Master Hair Care Apprentices:	74
90-Day Work Permit:	47
Complaints Received:	118
Investigations:	169
Inspections:	2,080
Dispositions:	143

Boiler Safety Program

The Boiler Safety Program (2005 Act 59) was enacted by the South Carolina General Assembly on May 18, 2005, requiring the SC Department of Labor, Licensing and Regulation (LLR) to promulgate regulations for safe installation and inspection of boilers. The legislation establishes certification requirements for boiler inspectors and provides for boiler inspection timeframes, criteria and reporting requirements. Beginning June 1, 2006, each boiler used, or proposed to be used in South Carolina, must be registered with LLR and inspected annually or biennially.

Mailing Address:	110 Centerview Drive, Kingstree Bldg. , Suite 306 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-5171
Fax:	(803) 896-4814
Website:	http://www.llr.sc.gov/boil/
Administrator:	Roger Lowe roger.lowe@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Program Established:	2005
SC Code of Laws:	Title 41, Chapter 14
Regulation:	SC Regulation 71, Article 9
Program Member Slots:	0
How appointed:	Program overseen by Contractors Licensing Board
Program Meetings:	
Number of states and territories that license same profession:	50 states
Licensure Period:	Annually
Endorsement/Reciprocity Accepted:	No
Total:	177
Boiler Inspector:	156
Boiler Insurance Company	21
Complaints Received:	0
Investigations:	0
Dispositions:	0

Building Codes Council

The Building Codes Council approves modifications to codes submitted for use by municipalities and counties. The Council assures statewide consistency by adopting nationally recognized building codes. The Council also monitors the design, construction and sale of modular buildings offered for sale within South Carolina. In addition, the Council registers building code enforcement officers and administers the state accessibility statute and regulations.

Mailing Address:	110 Centerview Drive, Kingtree Bldg., Suite 306 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4688
Fax:	(803) 896-4814
Website:	www.llr.sc.gov/bcc/
Administrator:	Roger K. Lowe roger.lowe@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Council Established:	1972 – Building Codes Program 1974 – Accessibility Program 1984 – Modular Buildings Program 1997 – Code Enforcement Officers Program
SC Code of Laws:	6-8-10, et. seq. (Bldg. Code Enforcement Officers) 6-9-5, et. seq. (Building Codes) 10-5-210, et. seq. (Const. & Renov. of Pub. Bldgs.) 23-43-10, et. seq. (Modular Bldgs. Const. Act)
Regulation:	8-100, et. seq. (BBC Regis., Fees & Disciplinary Procedures) 8-205, et. seq. (BCC Administration) 8-700, et. seq. (Barrier Free Design Standard) 8-600, et. seq. (Modular Bldg. Const. Act) 8-1200 et.seq. (Statewide Modifications)
Council Member Slots:	Code Enforcement Officers Registration Program and the Modular Building Program are represented by the same 16 members
How appointed:	Code Enforcement Officers Registration Program and the Modular Building Program are appointed by the Governor
Council Meetings:	Quarterly and at the call of the Chair
Number of states and territories that license same profession:	36 states, jurisdictions
Licensure Period:	Biennially
Endorsement/Reciprocity Accepted:	None
Total:	1,307
Building Inspector:	20
Building Official:	207
Commercial Inspector:	160
Electrical Inspector:	4
Limited Building Official:	6
Limited Commercial Inspector:	1
Limited Plans Examiners:	1
Limited Residential Inspector:	0
Mechanical Inspector:	3
Modular Manufacturer:	106
Modular Manufacturer Representative:	177
Modular Third Party:	14
Plans Examiner:	6
Plumbing Inspector:	5

Provisional Building Inspector:	1
Provisional Building Official:	4
Provisional Commercial Inspector:	41
Provisional Electrical Inspector:	0
Provisional Mechanical Inspector:	0
Provisional Plans Examiner:	10
Provisional Residential Inspector:	65
Residential Inspector:	108
Special Inspector:	346
Provisional Residential Plans Examiner:	2
Residential Building Inspector:	13
Residential Plans Examiner:	4
Residential Plumbing Inspector:	3
Complaints Received:	20
Investigations:	22
Dispositions:	12

SC Perpetual Care Cemetery Board

Perpetual Care Cemeteries are regulated to assure that the trust funds held for the cemetery are administered with sound business practice and that funds are available in perpetuity for the care and maintenance of the cemetery.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4497
Fax:	(803) 896-4554
Website:	www.llr.sc.gov/cem/
Administrator:	Amy Holleman amy.holleman@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	2003
SC Code of Laws:	40-8-10, et. seq.
Regulation:	21-1 et. seq. (State Register Vol. 37, Issue No. 6, eff 6/28/13)
Board Member Slots:	7
How appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	40 states, 0 jurisdictions
Licensing Period:	Biennial, Expires December 1 st
Endorsement Accepted:	None
Total:	112
Perpetual Care Cemetery:	112
Complaints Received:	20
Investigations:	40
Inspections:	126
Dispositions:	36

Board of Chiropractic Examiners

The Board was created to protect the health and safety of the public by establishing qualifications for entry into the profession and by disciplining those chiropractic practitioners who violate South Carolina laws governing their profession.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4587
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/chiro/
Administrator:	Mack Williams Mack.Williams@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1932
SC Code of Laws:	40-9-10, et. seq.
Regulation:	25-1, et. seq.
Board Member Slots:	9
How appointed:	Election by district; top two candidates submitted to Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 States
Endorsement/Reciprocity Accepted:	Yes
Licensure Period:	Biennially, Expires September 30 th
Total:	1,630
Doctor of Chiropractic:	1,630
Complaints Received:	59
Investigations:	685
Dispositions:	34

Contractors Licensing Board

The Board's mission is to regulate the practice of general and mechanical contracting, burglar and fire alarm system businesses and fire protection sprinkler contractors. The Board investigates complaints and disciplines contractors as necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 306 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4686
Fax:	(803) 896-4814
Website:	www.llr.sc.gov/clb/
Administrator:	Roger K. Lowe roger.lowe@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1936
SC Code of Laws:	40-11-5 et. seq. (Gen. and mech. contractors) 40-79-5 et. seq. (Burglar and fire alarm contractors) 40-10-5 et. seq. (Fire sprinkler system contractors)
Regulation:	29-1 thru 10 et. seq. (Gen. and mech. contractors) 29-70 thru 110 (Fire sprinkler system contractors)
Board Member Slots:	9
How appointed:	By Governor
Board Meetings:	Quarterly and at the call of the Chair
Number of states and jurisdictions that license same profession:	50 states, D.C. and Guam
Licensure Period:	
General Contractor:	Biennially, even years
Mechanical Contractor:	Biennially, odd years
Burglar Alarm:	Biennially
Fire Alarm:	Biennially
Fire Sprinkler:	Biennially
Endorsement/Reciprocity Accepted:	AL, GA, LA, MS, NC, OH, PA, TN, TX, UT (Limited number of classifications)
Total:	45,910
Architect Construction Manager:	25
Architect Qualifying Party:	0
Engineer Construction Manager:	64
Engineer Qualifying Party:	0
General Construction Manager:	459
General Contractor:	9,989
General Qualifying Party:	10,770
Mechanical Construction Manager:	41
Mechanical Contractor:	7,108
Mechanical Qualifying Party:	7,948
Alarm Registered Employee:	6,870
Burglar Alarm Company:	532
Burglar Alarm Branch Company:	31
Burglar Alarm Primary Qualifying Party:	597
Burglar Alarm Extra Qualifying Party:	68
Fire Alarm Company:	390
Fire Alarm Branch Company:	23
Fire Alarm Primary Qualifying Party:	434
Fire Alarm Extra Qualifying Party :	41

Fire Sprinkler Company:	211
Fire Sprinkler Branch Company:	19
Fire Sprinkler Primary Qualifying Party:	247
Fire Sprinkler Extra Qualifying Party:	43
Complaints Received:	443
Investigations:	498
Dispositions:	258

Board of Cosmetology

The Board licenses and regulates cosmetologists, cosmetology instructors, cosmetology schools, salons, booth renters, nail technicians, and estheticians. The Board investigates complaints and disciplines when appropriate.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4588
Fax:	(803) 896-4484
Website:	www.llr.sc.gov/cosmo/
Administrator:	Theresa Brown theresa.brown@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1934
SC Code of Laws:	40-13-5, et. seq.
Regulation:	35-1, et. seq.
Board Member Slots:	7
How appointed:	By the Governor
Board Meetings:	Bi-Monthly
Number of states and jurisdictions that license same profession:	50 states, 2 jurisdictions
Licensing Period:	
Practitioners:	Biennially, Expires March 10 th (odd years)
Salons, Schools, and Renters:	Biennially, Expires June 30 th (even years)
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	43,588
Booth Renters:	2,974
Esthetician:	3,009
Instructor Esthetician:	75
Nail Technician:	5,413
Instructor Nail Technician:	54
Registered Cosmetologist:	24,230
Instructor Registered Cosmetologist:	1,325
Registered Cosmetologist Student:	2
Registered Esthetician Student:	1
Registered Nail Technician Student:	54
CEU Association:	80
Salons:	6,272
Schools:	99
Complaints Received:	390
Investigations:	381
Inspections:	7,275
Dispositions:	166

Board of Examiners for Licensure of Professional Counselors, Marriage and Family Therapists, Addiction Counselors, and Psycho-Educational Specialists

The Board maintains quality counseling and therapeutic services in South Carolina by licensing qualified professionals. The Board provides examinations and licenses for professional counselors, marriage and family therapists, and psycho-educational specialists who have received appropriate education, experience, and have passed the required examination. The Board investigates complaints and disciplines when necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4658
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/cou/
Administrator:	Marlo Thomas-Koger marlo.thomas-koger@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1985
SC Code of Laws:	40-75-5, et. seq.
Regulation:	36-01, et. seq.
Board Member Slots:	11
How appointed:	By the Governor
Board Meetings:	At Least Two (2) Times a Year
Number of states and jurisdictions that license same profession:	50 States
Licensure Period:	Biennially, Expires August 31 st (odd years)
Endorsement Accepted:	Endorsement
Total:	5,481
Licensed Addiction Counselor	768
Licensed Marriage & Family Therapist (LMFT):	354
Licensed Marriage & Family Therapist - Interns (LMFT-I):	47
Licensed Marriage & Family Therapist – Supervisor (LMFT-S):	48
Licensed Professional Counselor (LPC):	2,906
Licensed Professional Counselor – Intern (LPC-I):	564
Licensed Professional Counselor – Supervisor (LPC-S):	421
Licensed Psycho-Educational Specialist (LPES):	234
Official Sponsor:	22
Permanent Sponsor:	107
Temporary Sponsor:	10
Complaints Received:	82
Investigations:	79
Dispositions:	27

Board of Dentistry

The Board oversees the examination, licensing, certification, and regulation of dentists, dental hygienists, dental technicians, and orthodontic technicians in South Carolina. The Board investigates complaints, conducts disciplinary hearing, and maintains data for the public, state and federal agencies.

Mailing Address:	110 Centerview Drive, Kingtree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4599
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/bod/
Administrator:	Rita A. Melton, DMD, BSN, RN rita.melton@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1875
SC Code of Laws:	40-15-10, et. seq.
Regulation:	39-1, et. seq.
Board Member Slots:	11
How appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 states, 3 jurisdictions
Licensing Period:	Biennially, Expires March 1 st (odd years)
Endorsement Accepted:	Endorsement
Total:	12,941
Dental Assistant:	5,048
Dental Hygienist:	1,821
Dental Hygienist (with IA):	2,221
Dental Instructor:	22
Dental Instructor Specialist:	6
Dental Specialist:	660
Dental Technician:	193
Dental Volunteer:	21
Dentist:	2,688
Dentistry Sedation Site:	195
Instructor Hygienist:	1
Orthodontic Technician:	7
Volunteer Hygienist:	0
Volunteer Specialist:	1
Portable Dental Operation:	44
Mobile Dental Facilities:	13
Complaints Received:	148
Investigations:	173
Inspections:	140
Dispositions:	69

Panel for Dietetics

The mission of the Panel is to protect the health and safety of the public by regulating dietetic practice in South Carolina. The Panel licenses qualified dietitians, requires licensees to meet renewal requirements, and disciplines licensees if necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4651
Fax:	(803) 896-4515
Website:	www.llr.sc.gov/diet/
Administrator:	Meredith Buttler meredith.buttler@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Panel Established:	2006
SC Code of Laws:	40-20-5, et. seq.
Regulation:	40-1, et. seq.
Panel Member Slots:	7
How appointed:	Appointed by the Governor
Panel Meetings:	Biannually
Number of states and jurisdictions that license same profession:	46
Licensure Period:	Biennially, Expires May 31 st (odd years)
Endorsement/Reciprocity Accepted:	No
Total:	1,398
Dietitian:	1,398
Complaints Received:	4
Investigations:	6
Dispositions:	4

Board of Engineers and Surveyors

The Board administers laws and regulations governing the practice of engineering and surveying in the state. The Board's primary goals are to ensure that only properly qualified and competent engineers and surveyors are licensed to practice; to promote technical competency and ethical standards consistent with the Rules of Professional Conduct applicable to engineers and surveyors; and to appropriately discipline practitioners who are found guilty of violating laws governing engineering and surveying.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11597 Columbia, SC 29211-1597
Telephone:	(803) 896-4422
Fax:	(803) 896-4427
Website:	www.llr.sc.gov/eng/
Administrator:	Lenora Addison-Miles lenora.Miles@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1922
SC Code of Laws:	40-22-2, et. seq.
Regulation:	49-100, et. seq.
Board Member Slots:	8
How appointed:	By the Governor
Board Meetings:	5 Annually
Number of states and territories that license same profession:	50 states, 5 territories
Licensure Period:	
Engineering and Land Surveying:	Biennially, Expires June 30 th (even years)
Certificate of Authorization:	Biennially, Expires May 31 st (odd years)
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	32,394
Engineering:	17,703
Engineering (Associate Professional):	11
Engineering (in Training):	8,944
Engineering (Temporary):	25
GIS Surveyor (in Training):	1
Land Surveying:	977
Land Surveying (in Training):	191
Engineering and Land Surveying:	125
Certificate of Authorization:	3,365
Certificate of Authorization (Branch):	1,036
Certificate of Authorization (Temporary):	16
Complaints Received:	105
Investigations:	138
Dispositions:	133

Environmental Certification Board

The purpose of the Board is to license qualified individuals to protect the environment for the citizens of South Carolina. These licensees include operators of water treatment plants, water distribution systems, wastewater treatment plants, well drillers and bottled water machines. If necessary, the Board will discipline individuals who do not comply with requirements.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11409 Columbia, SC 29211-1409
Telephone:	(803) 896-4430
Fax:	(803) 896-4424
Website:	www.llr.sc.gov/env/
Administrator:	Molly F. Price molly.price@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1966
SC Code of Laws:	40-23-5, et. seq.
Regulation:	51-1, et. seq.
Board Member Slots:	9
How appointed:	By Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 states, 5 territories
Licensure Period:	Annually, Expires June 30 th
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	9,455
Biological Wastewater Operator:	2,298
Biological Wastewater Operator Trainee:	393
Bottled Water Operator:	32
Physical/Chemical Wastewater Operator:	1,500
Physical/Chemical Wastewater Operator Trainee:	395
Water Distribution Operator:	1,812
Water Distribution Operator Trainee:	489
Water Treatment Operator:	1,713
Water Treatment Operator Trainee:	234
Well Driller:	589
Complaints Received:	9
Investigations:	12
Dispositions:	9

Board of Registration for Foresters

The Board administers and enforces South Carolina law governing the conduct of foresters. It evaluates qualifications, receives complaints, provides discipline to licensees and supervises applicant examinations for licensure.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4800
Fax:	(803) 896-4424
Website:	www.llr.sc.gov/for/
Administrator:	Molly F. Price molly.price@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1986
SC Code of Laws:	48-27-10, et. seq.
Regulation:	53-1 et.seq.
Board Member Slots:	7
How appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	31 states, 0 jurisdictions
Licensing Period:	Biennially, Expires June 30 th (odd years)
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	714
Forester:	714
Complaints Received:	5
Investigations:	1
Dispositions:	0

Board of Funeral Service

The Board of Funeral Service regulates standards for funeral service, including embalmers and funeral directors. The Board issues funeral home permits and licenses, provides regular inspections for funeral homes, and keeps records of apprentices. The Board maintains a file of public complaints concerning licensees and the disposition of complaints.

Mailing Address:	110 Centerview Drive, Kingtree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4497
Fax:	(803) 896-4554
Website:	www.llr.sc.gov/fs/
Administrator:	Amy Holleman amy.holleman@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1955
SC Code of Laws:	40-19-5, et.seq.
Regulation:	57-01, et. seq.
Board Member Slots:	11
How appointed:	By the Governor
Board Meetings:	6 Annually
Number of states and jurisdictions that license same profession:	50 states, 0 jurisdictions
Licensing Period:	Biennially, Expires June 30 th (even years)
Endorsement/Reciprocity Accepted:	Endorsement
Total:	2,496
Funeral Chapel:	18
Funeral Crematory:	79
Funeral Director:	488
Funeral Director Apprentice:	92
Funeral Director Student:	8
Funeral Director and Embalmer (Dual License):	927
Funeral Director and Embalmer Apprentice:	100
Funeral Director and Embalmer Student:	58
Funeral Embalmer:	6
Funeral Embalmer Apprentice:	12
Funeral Embalmer Student:	224
Funeral Establishments:	379
Funeral Home Additional Facility:	99
Retail Sales Outlet (Casket Store):	6
Complaints Received:	83
Investigations:	124
Inspections:	698
Dispositions:	73

Board of Registration for Geologists

The Board administers and enforces South Carolina law governing the conduct of geologists. It evaluates qualifications, receives complaints, provides discipline to licensees and supervises applicant examinations for licensure.

Mailing Address:	110 Centerview Drive, Kingtree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4575
Fax:	(803) 896-4554
Website:	www.llr.sc.gov/geo/
Administrator:	Susanna Sharpe Susanna.sharpe@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1986
SC Code of Laws:	40-77-5, et. seq.
Regulation:	131-01 et.seq.
Board Member Slots:	5
How appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	31 states, 0 jurisdictions
Licensing Period:	Biennially, Expires June 30 th (odd years)
Endorsement/Reciprocity Accepted:	Both
Total:	662
Professional Geologist:	622
Geologist In Training:	40
Complaints:	0
Investigations:	3
Dispositions:	2

Board of Landscape Architectural Examiners

The Board's mission is to safeguard the health, safety and welfare of the citizens of South Carolina by registering and regulating landscape architects to ensure competent practitioners in the profession. The Board establishes standards of conduct, investigates complaints, and engages in disciplinary action when necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11419 Columbia, SC 29211-1419
Telephone:	(803) 896-4580
Fax:	(803) 896-9651
Website:	www.llr.sc.gov/land/
Administrator:	Molly Price molly.price@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1975
SC Code of Laws:	40-28-5, et. seq.
Regulation:	76-1 et. seq.
Board Member Slots:	7
How appointed:	By Governor
Board Meetings:	Quarterly
Number of states and territories that license same profession:	50 states, 1 territory
Licensure Period:	
Individual:	Biennially, Expires January 31 st (odd years)
Firms:	Biennially, Expires January 31 st (odd years)
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	795
Landscape Architect:	626
Landscape Firm:	169
Complaints Received:	8
Investigations:	4
Dispositions:	2

Board of Long Term Health Care Administrators

To develop and enforce standards for individuals who practice as nursing home administrators and community residential care facility administrators. The Board licenses qualified individuals, oversees continuing education for the profession, offers an administrator-in-training program, and investigates complaints and takes disciplinary action when required.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 306 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4544
Fax:	(803) 896-4515
Website:	www.llr.sc.gov/lthc
Administrator:	Meredith Buttler Meredith.Buttler@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1971
SC Code of Laws:	40-35-5, et. sq.
Regulation:	93-50, et. seq.
Board Member Slots:	10
How Appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 states, 0 jurisdictions
Licensing Period:	Annually, Expires June 30 th
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	1,234
Community Residential Care Facility Administrator (CRCFA):	613
CRCFA-in-Training:	0
CRCFA Provisional License:	11
Dual (NHA + CRCFA):	174
Dual Provisional License:	0
Nursing Home Administrator (NHA):	336
NHA-in-Training:	57
NHA-in-Training Preceptor:	42
NHA Provisional License:	1
Complaints Received:	59
Investigation:	94
Dispositions:	89

Board of Manufactured Housing

The Board enforces and coordinates federal and state laws governing the manufactured housing (mobile home) industry. The Board licenses manufacturers, retail dealerships, sales persons, contractors, installers and repairpersons. The Board investigates consumer complaints against licensees. The Board is the administrative agency for the U.S. Department of Housing and Urban Development and is required to investigate and enforce federal manufactured housing construction and safety standards.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 306 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4682
Fax:	(803) 896-4814
Website:	www.llr.sc.gov/manu/
Administrator:	Roger Lowe roger.lowe@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1976
SC Code of Laws:	40-29-5, et. seq.
Regulation:	79-1, et. seq.
Board Member Slots:	10 members and 1 ex-officio member
How appointed:	By Governor
Board Meetings:	Quarterly and at the call of the Chair
Number of states and jurisdictions that license same profession:	36 states, jurisdictions
Licensure Period:	Biennially, Expires June 30 th (even years)
Endorsement/Reciprocity Accepted:	No
Total:	1,128
Manufactured Housing Apprentice Salesperson License:	10
Manufactured Housing Contractor:	122
Manufactured Housing Installer:	22
Manufactured Housing Repairer:	2
Manufacturer:	37
Manufacturer Main Office:	78
Retail Dealer:	166
Retail Dealer Main Office:	324
Salesperson (Multi-Lot):	185
Salesperson (Retail):	182
Complaints Received:	113
Investigations:	116
Inspections:	99
Dispositions:	31

Massage / Bodywork Panel

Administrative licensure is provided for qualified massage / bodywork therapists. This is LLR's first administrative licensure program with an appointed advisory panel to develop standards and regulations, and to review and determine appropriate actions for those who may be in violation of the law.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4588
Fax:	(803) 896-4484
Website:	www.llr.sc.gov/mas/
Administrator:	Theresa Brown theresa.brown@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Panel Established:	1997
SC Code of Laws:	40-30-10, et. seq.
Regulation:	77-100 et. seq.
Panel Member Slots:	7
How appointed:	By the Governor
Panel Meetings:	At the call of LLR
Number of states and jurisdictions that license same profession:	48 states, 0 jurisdictions
Licensing Period:	Biennially, Expires June 30 th (even years)
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	5,012
Massage/Body Work Therapist:	4,852
Massage/Body Work Therapist (Provisional):	139
Massage Education Provider:	21
Complaints Received:	53
Investigations:	74
Dispositions:	42

Board of Medical Examiners

The primary mission of the Board is to protect the public and to fulfill two major functions: (1) Licensing physicians, physician assistants, respiratory care practitioners, anesthesiologist's assistants, acupuncturists and CIS; and (2) Investigating and disciplining licensees found to be engaged in misconduct as defined in the Medical Practice Act, the Physician Assistant Practice Act, the Respiratory Care Practice Act and the Anesthesiologist's Assistant Practice Act. This includes illegal, unethical or incompetent conduct.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11289 Columbia, SC 29211-1289
Telephone:	(803) 896-4500
Fax:	(803) 896-4515
Website:	www.llr.sc.gov/med/
Administrator:	Sheridon Spoon sheridon.spoon@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1920
SC Code of Laws:	40-47-5 et. seq.
Regulation:	81-12 et.seq.
Board Members:	13 total members
How appointed:	7 elected members with advice and consent of Governor and Senate; 4 Governor-appointed members with advice and consent of Senate; 1 Doctor of Osteopathic Medicine elected member with advice and consent of Senate; 3 lay members - 1 appointed with advice and consent of Senate, and 2 appointed w/ advice and consent of Senate with 1 Pro tem and 1 Speaker recommendation; 1 at large - appointed by the Governor with the advice and consent of Senate; 1 at large-elected member then appointed by Governor.
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 states, 11 jurisdictions
Licensing Period:	
Physician:	Biennially, Expires June 30 th
Physician Assistant:	Biennially, Expires December 31 st
Respiratory Care Practitioner:	Biennially, Expires May 31 st
Anesthesiologist Assistant:	Biennially, Expires December 31 st
Endorsement/Reciprocity Accepted:	No
Total:	28,366
Medical Physician (MD):	19,693
Osteopathic Physician (DO):	1,668
Academic License:	22
Limited License:	1,608
Limited License (14 days):	3
Physician Assistant:	2,008
Physician Assistant Temporary License:	32
Respiratory Care Practitioner:	2,681
Acupuncturists:	178
Acupuncturist Temporary License:	2
Anesthesiologist's Assistant:	41

Auricular Detoxification Therapist:	10
Auricular Therapist:	5
Cardiovascular Invasive Specialist:	52
Registered Polysomnography Technologists:	192
Temporary License:	52
Training:	6
Training Permanent with Supervision:	12
Volunteer Limited License:	101
Complaints Received:	646
Investigations:	1043
Dispositions:	500

Board of Nursing

The purpose of the Board is to assure the safe and effective practice of nursing in South Carolina. The Board licenses qualified individuals as advance practice registered nurses, registered nurses or licensed practical nurses. Complaints are investigated and disciplinary action is taken whenever necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 12367 Columbia, SC 29211-2367
Telephone:	(803) 896-4550
Fax:	(803) 896-4515
Website:	www.llr.sc.gov/nurse/
Administrator:	Carol Moody, RN, MAS, NEA-BC Carol.Moody@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1935
SC Code of Laws:	40-33-5, et. seq.
Regulation:	91-1, et. seq.
Board Member Slots:	11
How appointed:	By the Governor with advice and consent of the SC State Senate
Board Meetings:	Every 2 months
Number of states and jurisdictions that license same profession:	50 states, 11 jurisdictions
Licensure Period:	Biennially, Expires April 30 th (even years)
Endorsement/Reciprocity Accepted:	Yes
Total:	81,134
Advanced Practice Registered Nurse (APRN):	7,258
APRN Temporary Permit:	8
Licensed Practical Nurse (LPN):	11,784
LPN Temporary License:	14
Registered Nurse (RN):	62,003
RN Temporary License:	64
RN Volunteer License:	3
Complaints Received:	660
Investigations:	1,401
Dispositions:	1,206

Board of Occupational Therapy

The Board examines and issues licenses to qualified occupational therapists and their assistants. The Board also investigates complaints involving occupational therapists and disciplines practitioners when necessary.

Mailing Address:	110 Centerview Drive, Kingtree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4683
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/ot/
Administrator:	Mack Williams Mack.Williams@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1977
SC Code of Laws:	40-36-5, et. seq.
Regulation:	94-02, et. seq.
Board Member Slots:	7
How appointed:	By the Governor with advice and consent of the SC Senate
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 States
Licensure Period:	Biennially, Expires March 15 th
Endorsement/Reciprocity Accepted:	Endorsement
Total:	3,517
Occupational Therapist:	2,292
Occupational Therapy Assistants:	1,224
Occupational Therapy Temporary License:	1
Complaints Received:	9
Investigations:	14
Dispositions:	7

Board of Examiners in Opticianry

The mission of the Board is to protect the health and safety of the public by regulating the practice of opticianry in South Carolina. The Board requires passing a practical examination for all opticianry applicants, issues licenses to qualified opticians and contact lens dispensers, registers apprentices, and disciplines opticians and apprentices if necessary. Licensees and apprentices are required to attend continuing education classes.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4681
Fax:	(803) 896-4515
Website:	www.llr.sc.gov/opti/
Administrator:	Meredith Buttler Meredith.Buttler@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1978
SC Code of Laws:	40-38-5, et. seq.
Regulation:	96-101, et. seq.
Board Member Slots:	7
How appointed:	Election conducted by Board, Appointed by the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	22 States
Licensure Period:	
Optician:	Biennially, Expires October 1 st (odd years)
Registered Apprentices:	Annually, Expires October 1st
Endorsement/Reciprocity Accepted:	No
Total:	984
Opticians:	867 (293) are dual licensed as Contact Lens Dispensers)
Registered Apprentices:	117
Complaints Received:	9
Investigations:	12
Dispositions:	11

Board of Examiners in Optometry

The mission of the Board is to protect the health and safety of the public by regulating the practice of optometry in South Carolina. The Board issues licenses to qualified optometrists and disciplines if necessary. Licensees are required to attend continuing education classes.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4679
Fax:	(803) 896-4515
Website:	www.llr.sc.gov/optp/
Administrator:	Meredith Buttler Meredith.Buttler@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1917
SC Code of Laws:	40-37-5, et. seq.
Regulation:	95-1, et. seq.
Board Member Slots:	7
How appointed:	Election conducted by Board, Appointed by Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	54
Licensure Period:	Biennially, Expires December 31 st (even years)
Endorsement/Reciprocity Accepted:	Endorsement
Total:	918
Optometrist:	918
Complaints Received:	19
Investigations:	17
Dispositions:	11

Board of Pharmacy

The Board protects the health and safety of the public by: Enforcing laws and regulations governing pharmacies; Performing routine biennial inspections of drug outlets and pharmacies; Issuing licenses to pharmacists, permits to drug outlets and pharmacies, registrations to technicians and certifications of pharmacy technicians and pharmacy interns, and administering the reciprocity process to qualified pharmacists from other states; Receiving and investigating complaints; Conducting administrative hearings against pharmacists, permit holders, technicians and interns; and Developing laws and regulations necessary in the regulation of the pharmacy profession.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4700
Fax:	(803) 896-4596
Website:	www.llr.sc.gov/bop/
Administrator:	Traci Collier, Pharm D Traci.Collier@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1876
SC Code of Laws:	40-43-10, et. seq.
Regulation:	99-15, 99-43, 99-45, 99-46
Board Member Slots:	9
How appointed:	By the Governor
Board Meetings:	5 Annually
Number of states and jurisdictions that license same profession:	50 states, 0 jurisdictions
Licensing Period:	Annually
Pharmacist:	Expires April 30 th
Permits:	Expires June 30 th
Technician Registration :	Expires June 30 th
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	28,513
Pharmacist:	7,426
Pharmacist-in-Charge (PIC):	1,515
Pharmacy Intern:	2,086
Pharmacy Technician:	8,298
State Certified Pharmacy Technician:	3,951
Pharmacy:	1,333
Electronic Prescribing Routing Company:	4
EMS Non-Dispensing Drugs:	328
Medical Gas/Legend Device:	177
Outsourcing Facility:	3
Non-Dispensing Drug Outlet:	1,155
Non-Resident Medical Gas/DME:	331
Non-Resident Outsourcing Facility:	33
Non-Resident Pharmacy:	746
Non-Resident Pharmacy (Non-Dispensing):	23
Non-Resident Third Party Logistics Provider:	158
Non-Resident Wholesaler/Distributor/Manufacturer:	946
Complaints Received:	192
Investigations:	338
Inspections:	1,364
Dispositions:	208

Board of Physical Therapy

The Board administers, coordinates and enforces regulations relating to physical therapy in South Carolina. This involves the registration of all physical therapists and physical therapist assistants. The Board evaluates qualifications of applicants and investigates persons engaged in the practice of physical therapy in order to protect the public from unauthorized and unqualified practitioners.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4655
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/pt/
Administrator:	Mack Williams Mack.Williams@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1952
SC Code of Laws:	40-45-5, et. seq.
Regulation:	101-01, et. seq.
Board Member Slots:	11
How appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 states, 3 jurisdictions
Licensure Period:	Biennially, Expires December 31 st
Endorsement/Reciprocity Accepted:	Endorsement
Total:	6,904
Physical Therapist:	4,491
Physical Therapist Assistant:	2,413
Complaints Received:	21
Investigations:	31
Dispositions:	11

Pilotage Commission

The Commission licenses qualified harbor pilots for the ports of Charleston, Georgetown and/or Little River. The Commission approves all applicants and places them into the apprenticeship program for training and qualification for licensure. The Commission takes appropriate disciplinary action when necessary. No licenses are issued through LLR.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803)896-4598
Fax:	(803)896-4719
Website:	www.llr.sc.gov/pilo/
Administrator:	Rita A. Melton, DMD, BSN, RN rita.melton@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Commission Established:	1872
SC Code of Laws:	54-15-10, et.seq.
Regulation:	136-001, et.seq.
Commission Member Slots:	16
How appointed:	By the Governor
Commission Meetings:	Monthly
Number of states and jurisdictions that license same profession:	26 states, 0 jurisdictions
Licensing Period:	N/A
Endorsement/Reciprocity Accepted:	No
Total:	19
Pilotage:	19
Complaints Received:	0
Investigations:	0
Dispositions:	0

Board of Podiatry

This Board issues licenses to qualified practitioners in podiatric medicine who have received proper training and education in the field. The Board investigates consumer complaints and provides discipline if necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11289 Columbia, SC 29211-1289
Telephone:	803-896-4500
Fax:	(803) 896-4515
Website:	www.llr.sc.gov/pod/
Administrator:	Sheridon Spoon sheridon.spoon@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1935
SC Code of Laws:	40-51-10, et. seq.
Regulation:	134-10, et. seq.
Board Member Slots:	5
How appointed:	Appointed by the Governor with the advice and consent of the Senate, one of whom must be a lay member from the State at large, one of whom must be a podiatrist from the State at large who shall serve as chairman, and three of whom must be podiatrists, one from each of the three districts elections
Board Meetings:	Biannually
Number of states and jurisdictions that license same profession:	50 States
Licensure Period:	Biennially, Expires December 31 st (odd years)
Endorsement/Reciprocity Accepted:	No
Total:	219
Podiatrist:	219
Complaints Received:	9
Investigations:	13
Dispositions:	9

Board of Psychology

The Board regulates practitioners of psychology, accepts applications and conducts examinations for candidates to practice psychology in South Carolina. The Board has adopted a code of ethics governing licensed psychologists. The Board investigates complaints and provides discipline.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4664
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/psych/
Administrator:	Marlo Thomas-Koger marlo.thomas-koger@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1968
SC Code of Laws:	40-55-20, et. seq.
Regulation:	Chapter 100
Board Member Slots:	8
How appointed:	By the Governor
Board Meetings:	At least biannually
Number of states and jurisdictions that license same profession:	50 States
Licensure Period:	Biennially, Expires November 30 th (odd years)
Endorsement/Reciprocity Accepted:	Endorsement
Total:	911
Psychologist:	869
Temporary Permit:	42
Complaints Received:	24
Investigations:	17
Dispositions:	5

Real Estate Appraisers Board

The Board establishes qualifications for appraiser certification and licensure, administers examinations, investigates complaints, provides discipline, and regulates all other matters pertaining to the conduct and activities of real estate appraisers.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4630
Fax:	(803) 896-4427
Website:	www.llr.sc.gov/appr/
Administrator:	Laura Smith laura.smith@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1991
SC Code of Laws:	40-60-5, et. seq.
Regulation:	137-100, et. seq.
Board Member Slots:	8 (4 appraiser members, 1 real estate member, 1 financial member, 1 AMC member, and 1 public member)
How appointed:	By the Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 states, 5 jurisdictions
Licensure Period:	Biennially, Expires June 30 th (even years)
Endorsement/Reciprocity Accepted:	Endorsement
Total:	2,873
Apprentice Appraiser:	290
Certified General Appraiser:	1,099
Certified General Mass Appraiser:	31
Certified Residential Appraiser:	1,050
Certified Residential Mass Appraiser:	70
Licensed Appraiser:	143
Licensed Mass Appraiser:	50
Appraisal Management Company	140
Complaints Received:	61
Investigations:	101
Dispositions:	86

Real Estate Commission

As a regulatory office, the Commission establishes qualifications for licensure to practice real estate, ensures licensee compliance, disciplines licensees for violations of the law, and recommends legislation, which protects the public without stifling innovation and growth within the real estate industry.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11847 Columbia, SC 29211-1847
Telephone:	(803) 896-4400
Fax:	(803) 896-4427
Website:	www.llr.sc.gov/re/
Administrator:	Roderick Atkinson roderick.atkinson@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Commission Established:	1956
SC Code of Laws:	40-57-5, et. seq.
Regulation:	105-2, et. seq.
Commission Member Slots:	10
How appointed:	House and Senate members elect one person from each congressional district; Governor appoints two public members; Commission elects one at-large member.
Commission Meetings:	10 Annually
Number of states and jurisdictions that license same profession:	50 states
Real Estate Licensure Period:	Biennially, Expires June 30 th
Endorsement/Reciprocity Accepted:	Endorsement or Reciprocity Accepted: (GA): Other states must take SC licensing exam.
Total:	58,622
Broker:	5,191
Broker In Charge:	7,711
Property Manager:	1,692
Property Manager In Charge:	1,296
Salesman:	28,713
Inactive Broker	325
Inactive Property Manager	206
Inactive Salesman	1,940
Timeshare Registrant:	328
Office (Real Estate or Property Management):	11,220
Complaints Received:	573
Investigations:	596
Inspections:	68
Dispositions:	336

Residential Builders Commission

The Commission licenses all residential builders and registers all specialty contractors in residential construction doing business in the state. Additionally, the Commission receives and investigates complaints from homeowners who are having problems with builders or specialty contractors.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 306 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4696
Fax:	(803) 896-4814
Website:	www.llr.sc.gov/res/
Administrator:	Janet Baumberger janet.baumberger@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Commission Established:	1974
SC Code of Laws:	40-59-5, et. seq.
Regulation:	106-1, et. seq.
Commission Member Slots:	8
How appointed:	By the Governor
Commission Meetings:	Monthly
Number of states and jurisdictions that license same profession:	42 states
Licensure Period:	Biennially, Expires June 30 th
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	22,598
Certificate of Authorization:	287
Electrical:	1,331
Emergency License and Registration:	1
Home Builders:	7,280
Home Builders Inspector:	1,534
HVAC Heating and Air:	769
Non-Mechanical:	31
Non-Mechanical (Exam Waiver):	480
Plumbing:	908
Specialty (Handyman):	9,975
Volunteer Registration:	2
Complaints Received:	820
Investigations:	1058
Dispositions:	672

Board of Social Work Examiners

The Board reviews applicant credentials and licenses social workers that practice in the state. The Board currently licenses five levels of social workers. The Board investigates complaints against licensees and disciplines licensees when it is determined to be necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4664
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/sw/
Administrator:	Marlo Thomas-Koger marlo.thomas-koger@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1968
SC Code of Laws:	40-63-5, et. seq.
Regulation:	Chapter 110
Board Member Slots:	7
How appointed:	By the Governor with SC Senate confirmation
Board Meetings:	At least quarterly
Number of states and jurisdictions that license same profession:	50 States
Licensure Period:	Biennially, Expires December 31 st (even years)
Endorsement/Reciprocity Accepted:	Reciprocity
Total:	5,640
Licensed Baccalaureate Social Worker (LBSW):	691
Licensed Independent Social Worker – Advanced Practice (LISW-AP):	16
Licensed Independent Social Worker – Clinical Practice (LISW-CP):	1,987
Licensed Independent Social Worker - CP & AP (Dual):	66
Licensed Masters Social Worker (LMSW):	2,849
Approved Continuing Education Sponsor:	31
Complaints Received:	45
Investigations:	36
Dispositions:	16

Soil Classifiers Advisory Council

The Council's mission is to safeguard the health, safety and welfare of the citizens of South Carolina by registering and regulating soil classifiers to ensure competent practitioners in the profession. The Council establishes standards of conduct, investigates complaints, and engages in disciplinary action when necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 201 PO Box 11419 Columbia, SC 29211-1419
Telephone:	(803) 896-4580
Fax:	(803) 896-9651
Website:	www.llr.sc.gov/soil/
Administrator:	Molly Price molly.price@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Council Established:	1976
SC Code of Laws:	40-65-5, et. seq.
Regulation:	108-1 et. seq.
Council Member Slots:	5
How appointed:	By Agency
Council Meetings:	Biannually
Number of states and territories that license same profession:	35 states
Licensure Period:	Biennially, Expires January 31 st
Endorsement/Reciprocity Accepted:	No
Total:	43
Professional Soil Classifier:	43
Complaints Received:	0
Investigations:	0
Dispositions:	0

Board of Speech-Language Pathology and Audiology

This Board's primary responsibility is to protect the public through the regulation of professionals who practice Speech-Language Pathology or Audiology. The Board investigates complaints and disciplines when necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4655
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/aud/
Administrator:	Mack Williams Mack.Williams@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1974
SC Code of Laws:	40-67-5, et. seq.
Regulation:	115-1, et. seq.
Board Member Slots:	5
How appointed:	By the Governor with advice and consent of the SC Senate
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 States
Licensure Period:	Biennially, Expires March 31 st
Endorsement/Reciprocity Accepted:	Endorsement
Total:	3,086
Audiologist:	257
Speech-Language Pathologist:	2,630
Speech-Language Pathologist – Assistant:	99
Speech-Language Pathologist – Intern:	100
Complaints Received:	55
Investigations:	70
Dispositions:	11

Board of Veterinary Examiners

The Board of Veterinary Examiners aims to protect citizens by ensuring that only qualified and competent veterinarians, veterinary technicians, and animal health technicians operate in South Carolina. The Board establishes requirements for practitioners and enforces those requirements. The Board investigates complaints and disciplines when necessary.

Mailing Address:	110 Centerview Drive, Kingstree Bldg., Suite 202 PO Box 11329 Columbia, SC 29211-1329
Telephone:	(803) 896-4598
Fax:	(803) 896-4719
Website:	www.llr.sc.gov/vet/
Administrator:	Rita A. Melton, DMD, BSN, RN rita.melton@llr.sc.gov
Assistant Deputy Director:	Robbie Boland
Board Established:	1920
SC Code of Laws:	40-69-5, et. seq.
Regulation:	120-1, et. seq.
Board Member Slots:	10
How appointed:	Election by district; Top two candidates submitted to Governor
Board Meetings:	Quarterly
Number of states and jurisdictions that license same profession:	50 States
Licensure Period:	Biennially, Expires March 31 st
Endorsement/Reciprocity Accepted:	Endorsement
Total:	2,800
Mobile Clinics:	93
Veterinarian:	2,092
Veterinary Intern:	24
Veterinary Technician:	591
Complaints Received:	65
Investigations:	105
Inspections:	67
Dispositions:	60

State Fire (LLR's Division of Fire and Life Safety)

State Fire Marshal/ LLR Deputy Director:

Chief Jonathan Jones

The mission of the South Carolina Department of Labor, Licensing and Regulation (LLR) Division of Fire and Life Safety (DFLS) is to be the State's focal point for service and support to save life and property. The Division consists of the Office of the State Fire Marshal (OSFM), the Fire Academy, Emergency Response, and Division-wide Operations.

Chief Jonathan Jones, the State Fire Marshal, was appointed by Gov.

Henry McMaster effective March 8, 2017. Chief Jones also is appointed by the Governor to serve on the State Emergency

Response Commission. By SC Code of Laws, the State Fire Marshal

also serves as the following: chairman of the Firefighters Mobilization Oversight Committee, ex-officio member on the SC Manufactured Housing Board and SC Fire Academy Advisory Committee, and a consultant to the Board of Pyrotechnic Safety and Liquefied Petroleum Gas Board. Additionally, he serves on the V-SAFE Grant Peer Review Panel, SC Department of Insurance (First Responders Advisory Committee, Loss Mitigation Grant Program, SC Comprehensive Hurricane Damage Mitigation Program), Governor's Opioid Emergency Response Team, South Carolina School Facilities Planning and Construction Guide Committee, and SLED's State Homeland Security Advisory Council.



The Office of State Fire Marshal is comprised of Community Risk Reduction, Code Enforcement, and Engineering Services. Chief Nathan Ellis serves as assistant state fire marshal and manages these three sections.

The Fire Academy, per SC Code of Laws (23-10-10), is operated for the express purpose of educating and training the state's paid, volunteer, and industrial fire service personnel. The Academy also provides leadership, guidance, and services to help the fire service carry out its responsibilities at the local level. Chief Dennis Ray serves as its superintendent.

The role of Emergency Response is to assist local, regional, and state governments in times of need by providing subject matter experts, guidance, and on-scene professional resources during disasters or emergencies that overwhelm local resources. In addition, it supports LLR's role in emergency support functions within the State Emergency Response Plans and day-to-day operations. Lastly, South Carolina Firefighter Mobilization serves as a statewide mutual aid assistance agreement utilizing the state's 46 counties. The system allows for firefighting and rescue resources to be effectively and efficiently moved throughout the state to assist during local, regional, and statewide disasters and emergencies. Chief Ken Kerber manages Emergency Response.

In June 2019, a new Division-wide Operations section was established. The section continues to serve as the liaison between LLR's Finance/Procurement and State Fire; and now includes the full-time staff responsible for Risk and Emergency Management and the newly created Palmetto Incident Support Team (IST). This section also handles procurement, finance, grants, and other related administrative matters, insurance, capital projects and fleet management activities for the Division. This section is managed by Chief George Stapleton.



Lastly, this fiscal year marks the 25th anniversary of State Fire becoming LLR's Division of Fire and Life Safety. To commemorate the occasion, challenge coins were produced and provided to each Division employee. Throughout this report, when possible for a longer-term perspective, comparisons to 25 years ago will be highlighted.

Social Media: To increase exposure, showcase multiple accounts, and share real-time news, the Division utilizes two types of social media platforms - Twitter and Facebook. To build a community of dedicated followers, these accounts highlight job openings, current events, course offerings, and safety tips. During the eight-week recruit school, they also showcase weekly training photographs and videos.

Twitter

The @SCStateFire Twitter account provides informative updates about all areas of State Fire to interested followers. The account currently has 2,803 followers, which is a 24 percent increase from the previous fiscal year. The majority of followers are fire departments, chiefs, firefighters, media outlets, concerned citizens, and other state agencies. The Twitter account also allows the Division to follow more than 275 Twitter accounts consisting of fire departments, state, and federal agencies as well as media outlets.

Its most popular tweet (June 10, 2019) was in reference to a statewide Communications exercise hosted by South Carolina Emergency Management Division.

A related Twitter account, @FireSafeSC, experienced a 36 percent increase in followers. Its most popular tweet (Feb. 20, 2019) was in reference to a smoke alarm blitz held in Laurens in conjunction with the American Red Cross and the Clinton Fire Department.

The official Twitter account of the State Fire Marshal is @SCStateFM. It was created Sept. 24, 2018, and is specifically utilized by the State Fire Marshal to promote Emergency Response rescue efforts, agency news and events, Academy training, and fire safety tips. It has 261 followers. Its most popular tweet (Sept. 27) was a video posted about the Division's response to Hurricane Florence.

Facebook

The @SCStateFire Facebook page has 7,094 followers (35 percent increase). The most popular SC State Fire Facebook post was published Sept. 14, 2018. It was a one-minute video highlighting the Division's assistance prior to Hurricane Florence. It was viewed more than 16,000 times, and the post reached more than 30,000 users.

The most popular @SCFireAcademy Facebook post was published Aug. 17, 2018. It showcased the August 2018 Recruit Class Video of the Week and reached 13,244 users.

The most popular @FireSafeSC Facebook post was posted Feb. 22, 2019, and reached 7,343 users. It recognized Chief Billy Dillon and the Howe Springs Fire Rescue for installing two smoke alarms in a home after a fire was contained to the kitchen stove area.

The Division also posts on the SC Firefighter Mobilization (@SCfiremob) and South Carolina Helicopter Aquatic Rescue Team (SC-HART) @SouthCarolinaHART Facebook pages. The most popular post for Firefighter Mobilization was a survey regarding mobilizing resources for Hurricane Florence (Sept. 14, 2018), which reached 3,309 people with 19 shares. The most popular post for SC-HART was published Sept. 13, 2018, in regards to final preparations and well wishes to first responders prior to Hurricane Florence. It reached 24,719 users and was shared 185 times.



Social Media Platform	Year Created	Current Number of Followers	FY19 Percentage Increase	Most Popular Post Topic	Post Reached
Twitter @SCStateFire	2015	2,803	24%	Communications exercise hosted by SCEMD. They set up amateur radio, satellite radio, satellite phone, VHF, & UHF capabilities. This was to simulate radio towers/communication networks being inoperable/destroyed.	9,432 impressions
Twitter @FireSafeSC	2017	427	36%	"278 smoke alarms installed today @RedCrossSC"	2,661 impressions
Twitter @SCStateFM	2018	261	N/A	Video highlighting Division's response to Hurricane Florence	16,483 impressions
Facebook @SCStateFire	2016	7,094	35%	Video highlighting Division's assistance prior to Hurricane Florence	30,159 reached 16,000 views
Facebook @SCFireAcademy	2017	1,649	94%	Recruit Class Video of the Week	13,244 reached 4,320 views
Facebook @FireSafeSC	2017	973	47%	"Shout out to Chief Billy Dillon and Howe Springs Fire Rescue! After a recent home fire that was contained to the kitchen stove area, the crew noticed there were no smoke alarms in the home. Before the crew left, two new alarms were installed."	7,343 reached 31 shares
Facebook @SCFireMob	2016	1,431	N/A	Survey regarding mobilizing resources for Hurricane Florence.	3,309 reached 20 shares
Facebook @SouthCarolinaHART	2013	2,692	N/A	Final preparations and well wishes to all first responders prior to Hurricane Florence.	24,719 reached 185 shares

FIRE PORTAL

Fire Portal: In order to provide fire department personnel with a streamlined registration system, a user-friendly online database known as the "Fire Portal" currently houses more than 19,400 firefighters in the system (compared to 18,900 firefighters in FY 18) a three percent increase from last fiscal year. This "one stop shop" allows fire chiefs (and assigned administrators) to electronically submit SLED background checks, file mandatory reports (quarterly inspections and annual fire equipment certificate), update rosters, and revise Firefighter Mobilization records.

The Fire Portal also is a tool for fire department training officers as they are able to approve/register firefighters for classes, run selected performance reports, and view a complete training schedule. Once an email is provided for login access, an individual firefighter is able to view available courses, sign up for a class, and view a current Academy transcript.

This chart shows, since its 2015 launch, the number of users has nearly tripled. In the past, the number of fire departments decreased due to fire departments consolidating and utilizing one Fire Department Identification (FDID) number.

Fire Portal Usage		
FY	Individual Users	Number of Fire Depts.
19	13,507	474
18	11,548	469
17	9,703	473
16	7,500	470
15	5,100	469



Division Logo: Several years ago, to boost recognition and present a fresh image, the Division was rebranded as “State Fire.” An updated logo was designed in-house and placed on uniforms, Division vehicles, campus signs, as well as Academy trailers as they travel the state. The Division’s mission statement, created in FY 18, is “To be the State’s focal point for service and support to save life and property.”

Firefighter Registration: SC State Fire, per SC Code of Laws (40-80-50), is also responsible for the registration of South Carolina firefighters. By law, firefighters employed on or after July 1, 2001, must register and complete a name-based criminal records check. To accomplish this task, fire department personnel utilize the online Fire Portal.

Number of Criminal Background Checks	
FY 19	2,642
FY 18	3,114
FY 17	2,837
FY 16	2,959

In FY 19, the Office requested and processed 2,642 State Law Enforcement Division background checks. In comparison, 3,114 background checks were performed in FY 18 (15 percent decrease). Additionally, 73 other requests were submitted but they were either a duplicate request or the firefighter was younger than 18.

One Percent Fund: This fund, which is commonly referred to as “One-Percent Money,” is a one-percent tax collected on fire insurance premiums written in the state. To obtain these funds, fire departments must submit quarterly inspection reports and annual fire equipment certificates to this Office. In 1907, the SC General Assembly passed the Firemen’s Insurance and Inspection Fund Act (see SC Code of Laws 23-9-410) for “the betterment and maintenance of skilled and efficient fire departments within the county.” After reports are received and verified, the qualifying information is provided to applicable county treasurers. The money is then distributed by each county treasurer to qualified fire departments based on the percentage of the total assessed value of the county that constitutes the fire department’s response or coverage area. By law, fire departments must spend one-percent money in one of three categories: retirement and insurance, training and education, or recruitment and retention.

Local Inspection Types	Number of Inspections
Assembly	11,368
Business	30,893
Educational	1,426
Hazardous	467
Industrial	1,702
Institutional	1,090
Mercantile	12,252
Residential	16,365
Storage	4,293
TOTAL	79,856

Reporting Local Inspections: In order to receive One Percent funding, a qualified fire department must submit quarterly inspections. These inspections are conducted by local fire departments and the total numbers are reported using the online Fire Portal. These quarterly reports, per SC Code of Laws (23-9-360), are due Dec. 31 (of previous year), March 31, June 30, and September 30 of current year. During the 2018 reporting period, the total number of occupancies inspected was 79,586 (compared to 114,405 in FY 18). Local inspectors also indicated 84,734 violations were discovered and 63,834 (75 percent) were corrected. This chart shows the specific types and number of local inspections.

Annual Fire Equipment Report Statistics: Per SC Code of Laws (23-9-380), in order to receive One Percent funding, a qualified fire department must also submit an annual fire equipment certificate. This information is submitted using the online Fire Portal and has four separate categories: Fire department information (address, population coverage, water source, etc.), SC Firefighters’ Association membership verification and other data (fund balance), firefighter information (updated roster), and apparatus information.

In FY 19, more than \$849 million (estimated) in equipment was reported. This is in comparison to \$807 million (estimated) in FY 18. This reflects a five percent increase.

Specifically, the types of equipment reported include:

Equipment Type	Total Number	Total Estimated Value
Aerial/Ladder/Platform	261	\$152,064,736.28
Ambulance	94	\$11,372,000.00
ATV/UTV	101	\$1,399,666.00
Boat	139	\$4,429,753.92
Breathing Air Truck	55	\$6,332,392.00
Brush Truck	599	\$24,144,011.12
Engine (Structural)	1901	\$460,153,187.17
Rescue	384	\$62,113,724.28
Staff Vehicle 4WD	407	\$12,772,713.56
Crew Transport	58	\$1,278,185.72
Tanker/Tender	624	\$87,381,051.62
Rehab Truck	29	\$1,771,107.00
Mobile Command/ Communications Post	71	\$3,407,402.00
Other	357	\$20,377,126.82
TOTAL ESTIMATED:		\$848,997,057.49

V-SAFE: In 2007, the Volunteer Strategic Assistance and Fire Equipment (V-SAFE) program was established by the General Assembly (23-9-25) to assist volunteer and combination fire departments with firefighting and safety-related equipment purchases for the purpose of protecting local communities and regional response areas from incidents of fire, hazardous materials and terrorism, and to provide for the safety of volunteer firefighters. The program allows chartered volunteer fire departments (with a staffing level that is at least 50 percent volunteer) to apply for grants of not more than \$30,000. Funds may be spent on, among other items, fire suppression equipment, protective clothing and equipment, new and used fire apparatus, and training.



After the initial \$3 million appropriation in 2007, the V-SAFE program was not funded again until 11 years later. Act 285 of 2016 allocated \$500,000 for the program for FY 17. A permanent source of funding was established by Act 273 of 2016. Effective July 1, 2017, through June 30, 2030, a dedicated stream of revenue from insurance premium taxes will be used to fund the program at a conservative estimate of \$750,000 per year.

The V-SAFE peer review panel, consisting of nine voting members established by statute, reviews grant applications and determines awards. Grants may not be awarded to a department more than once every three years. Recipients must submit a performance report every six months until the grant is closed and provide how the funds were used and the benefits realized from the award.

FY	Number of Requests	V-SAFE GRANT		
		Total Amount Requested	Number of Awards	Total Amount Awarded
2019	151	\$3.9M	50	\$1,346,113.42
2018	210	\$5M	33	\$882,644.34

In FY 19, the Panel received 151 grant requests totaling more than \$3.9 million. Panel members awarded 50 fire departments from 20 counties a total of \$1,346,113.42. The average amount requested was \$26,025.26.

The majority of grants awarded were for personal protective equipment (\$456,405), followed by rescue equipment (\$330,420), fire suppression equipment (\$259,399), self-contained breathing apparatus (\$182,653) and safety equipment (\$62,234). Grants were also awarded for portable air refilling systems (\$30,000) and decontamination equipment (\$25,000).

Volunteer Incentive Program (VIP): Per SC Code of Laws (23-9-190), this Office compiles Volunteer Incentive Program (VIP) certification team reports for “Qualified Rescue Squads” and “HazMat Teams” and submits them to the SC Department of Revenue. See chart for the number of members in tax years 2016-2018.

Tax Year	Qualified Members	
	Rescue	HazMat
2018	413	79
2017	678	57
2016	471	81

State Agency Partnerships: To provide needed assistance, the Division also partners with other state agencies. These include:

State Agency Partnerships	
Department of Administration	Inspection of existing state buildings
Department of Commerce	Consultation with new business enterprises
Department of Corrections	Assistance to inspect prisons/detention centers; provides inmate labor. Conduct sprinkler plan reviews.
Department of Disabilities and Special Needs	Conduct sprinkler plan reviews and inspection of licensed facilities. Creation of home fire safety training for its employees.
South Carolina Educational Television	Home fire and life safety program project for third-grade teachers
Department of Education’s Office of School Facilities	Provide inspections for new construction and public school renovations. Conduct sprinkler plan reviews.
State Engineer’s Office	Conduct sprinkler plan reviews
EdVenture Museum	Provide personnel and program support
Emergency Management Division	Assist with development of State Emergency Operation Plan
Department of Health and Environmental Control	Collaborate with HazMat mitigation and a pediatric disaster management project. Conduct sprinkler plan reviews.
Revenue and Fiscal Affairs Office	Creation of a GIS-layer which will assist statewide emergency efforts
Department of Social Services	Inspection of foster homes. Conduct sprinkler plan reviews.

State Fire Division-wide Operations:

Operations Manager:

Chief George M. Stapleton

In June 2019, a new State Fire Division-wide Operations Section was established. The section continues to serve as the liaison between LLR Finance/Procurement and State Fire; and now includes the full-time staff responsible for Risk and Emergency Management and the newly created Palmetto Incident Support Team (IST). This section also handles procurement, finance, grants, and other related administrative matters, insurance, capital projects and fleet management activities for the Division. This section is currently coordinating more than \$4.6 million dollars of capital improvements for the fire station and dormitory renovation projects.



A review and revision cycle of State Fire policies and procedures is currently underway. The State Fire Site Safety and Compliance Task Force is being revitalized to ensure compliance with

Number and Types of Employees	
Full-Time	Part-Time
5	0

applicable OSHA regulations and workplace safety best practices to limit the risk of harm to employees, students, and visitors. Training of staff to function with the campus Emergency Response Team has been initiated.

State Emergency Operations Center operational policies and guidelines, as they relate to Emergency Support Function (ESF 4 and 9), are being rewritten to better reflect State Fire’s interactions with the Emergency Response Task Force and the new Palmetto IST.

State Fire’s IST manager produces Incident Action Plans for routine, special events, and emergency responses. These track activities, inform staff, and provide a common operating picture during steady-state and emergency operations.

The Palmetto IST is comprised of State Fire employees (specialists) who are readily available for rapid assembly and deployment in support of any initial or long-term response to natural or manmade incidents. The IST can furnish federal, state, and local officials with technical assistance in acquiring and using Urban Search and Rescue (US&R) resources. It provides advice, incident command assistance, management, and coordination of US&R resources along with US&R logistical support. Created after Hurricane Florence (2018), the IST’s first deployment was an Advance Team working with the Louisiana State Fire Marshal’s Office in Baton Rouge, LA for Hurricane Barry (July 2019). As the team roster continues to expand, the Palmetto IST will primarily support SC Emergency Response Task Force (ERTF), Firefighter Mobilization, and SC Helicopter Aquatic Rescue Team (HART) mission requests.



Office of State Fire Marshal

Assistant State Fire Marshal: Chief Nathan Ellis

The Office of State Fire Marshal, per SC Code of Laws 23-9-10, has regulatory responsibility to ensure compliance with state fire safety regulations. This is accomplished through inspection and code consultation activities by deputy state fire marshals and plan review services provided by the Engineering Services section.



The logo for the State Fire Marshal’s office supports the Division’s mission statement, “To be the State’s focal point for service and support to save life and property.” The top point of the star represents the mission to the “focal point” and the remaining four points on the star represent how the Division accomplishes this mission, “Protect,” “Prevent,” “Train,” and “Respond.”

Office of the State Fire Marshal

Code Enforcement - Section Chief: Deputy State Fire Marshal Shawn Stickle

This section performs fire and life safety inspections for state buildings, fire equipment dealers, outdoor and indoor firework displays, consumer retail firework sales, liquefied petroleum gas, explosive magazines, contractual obligations, and local requests for assistance. It also provides fire marshal training and certification to employees of local and state governments who perform fire inspection duties certified in accordance with SC Code of Laws 23-9-30.

In February 2019, the Licensing and Permitting Section was reorganized, and its duties and responsibilities were absorbed by the Code Enforcement section. Licensing and permitting responsibilities include: permits for public fireworks displays; proximate audience fireworks displays; individual pyrotechnic operators and trainees; the storage, use, sale, and manufacturing of explosives; individual blaster licenses; and fire equipment dealers and employees. The Section also evaluates cigarette manufacturers’ certifications and issues approvals. For efficiency and customer service, licensing and permitting processes are in development for online submittal and review.

Fire and Life Safety Inspection Statistical Information

Inspection Statistic	FY 15	FY 16	FY 17	FY 18	FY 19
Inspections Per Deputy SFM (average)	873	855	766*	764*	705*
Inspections Completed by Deputy SFMs	11,355	11,118	10,728	10,697	10,578**
Total Violations Cited	7,875	8,521	7,253	8,049	6,128

*Full/Near-full staffing was achieved in FY 17-FY 19, reducing the number of inspections performed per Deputy SFM.
 **Inspection numbers do not capture the large volume of local requests for assistance State Fire delivers.

During FY 19, fire marshal-related courses were delivered to 2,113 students, composed of design professionals, and fire, and building officials. These courses are delivered at the Academy and regionally throughout the state, and provide required continuing education hours and a mechanism to improve statewide consistency of code interpretation and enforcement. There are 600 active certified fire marshals performing inspections in their local jurisdictions.

FY 19 Fire Marshal Training and Certification

Fire Marshal Training and Certification	FY 15	FY 16	FY 17	FY 18	FY 19
ICC Fire Marshal Training Attendees	76	44	66	116	126
State Fire Code of Regulations Class Attendees	N/A	N/A	N/A	127	245
Fire Marshal Quarterly Training Courses	33	32	34	24	20
Quarterly Fire Marshal Training Attendees	1,375	1,347	1,031	1,200	1,258
Number of Certified Fire Marshals	655	666	698	718	600

FY 19 Statistical Staff-Related Information

Staff Positions	Number of Personnel (16)
Chief Deputy State Fire Marshal	1
Senior Deputy State Fire Marshals	4
Deputy State Fire Marshals	11
Deputy State Fire Marshal – Licensing and Permitting	1

For a longer-term perspective (25 years), the number of certified fire marshals has remained about the same. The number of inspections only represents inspections conducted by OSFM and has fluctuated as the State Fire Marshal’s office inspection numbers no longer capture the large volume of local requests for assistance State Fire delivers.

Engineering Services

Section Chief:

David Blackwell, P.E.

This section provides technical assistance and consultation services to design professionals, state officials, local building and fire officials, contractors, builders, building owners, and the public. Staff is responsible for plan reviews of: buildings, fire sprinkler systems, fire alarm systems, aboveground storage tank (AST) motor vehicle fuel storage and dispensing systems at retail service stations, Liquefied Petroleum Gas (LP Gas) storage tank installations, and other reviews, as necessary, to assist design professionals, other state and local Authorities Having Jurisdiction (AHJs), and resident fire marshals. Staff also assists other Agency divisions with special projects, research, and development of future regulations and state statutes.

25-Year Comparison		
	1994	2019
Number of Certified Fire Marshals	660	600
Number of Inspections	18,972	10,578

FY 19 Staff Related Information

Staff Positions:	Number of Personnel (6)
Chief Engineer	1
Engineers	2
Engineering Associates	2
Administrative Assistant	1

FY 10 – FY 19 Statistical Information

TYPE OF PLAN REVIEW	Fiscal Year/Number of Plan Review Projects*									
	FY10	FY11	FY12	FY13	FY14	FY15	FY16	FY17	FY18	FY19
Building fire and life safety	14	12	6	6	6	7	10	11	2	5
Fire alarm system	2	6	5	4	1	1	0	2	0	0
AST fuel storage/dispensing systems	0	1	3	3	0	1	1	0	0	0
Alternate extinguishing system	0	0	4	2	0	0	0	0	0	0
LP-gas system	5	30	35	12	11	9	7	4	4	11
Fire protection sprinkler system – aboveground	492	574	641	646	602	648	699	791	868	999
Fire protection sprinkler system – underground	128	121	144	172	149	128	258	290	281	213
Hydrogen facility	0	2	0	0	3	1	3	5	2	0
Total number of plan review projects	641	746	838	845	772	795	978	1,103	1,157	1,228

Workload Trends and Analysis:

The long-term upward trend in the overall number of plan review projects continues. An additional 71 plan review projects were received in FY 19 (a six percent increase from FY 18).

Plan review projects have increased 92 percent since FY 10. For a longer-term perspective (25 years) on the growth of the plan review services workload, the FY 1994 Annual Report reported 474 project plans were reviewed. The FY 19 workload of 1,228 projects is 754 projects more. This demonstrates the workload has almost tripled and is 159 percent greater.

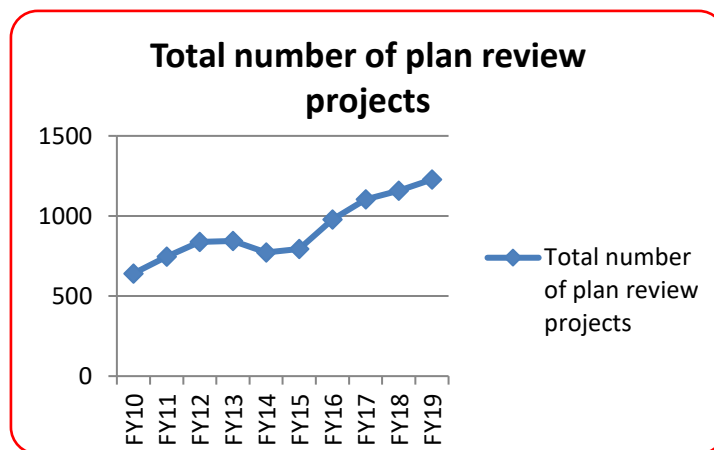
25-Year Comparison			
	1994	2019	Increase
Number of Plan Reviews	474	1,228	159%

To accommodate this increased workload, new equipment, process refinements, and other methods have been implemented. Efforts to improve continue with multiple initiatives, including development of a new Records Management System and improved computer hardware. The long-term trend in the number of projects and state population is expected to keep growing.

Developments, Activities, and Select Accomplishments:

In FY 19, efficiency improvements were implemented involving new forms and electronic processing requirements.

Procurement of a software company for a new comprehensive electronic Records Management System was completed and the process of working with the software company to pilot the software has begun.



The Chief Engineer: continues to serve on the SC Building Codes Council and participate in Building Officials Association of SC meetings and annual conference; participates in the Building Codes Council and International Code Council code development processes; continues working with various LLR and OSFM employees to improve electronic submission forms and communications; continues to participate in a State Design Professionals Group and discuss matters of common interest to State employees in the design and construction industry, including legislation, laws, regulations, codes, standards, and interpretations; continues to provide specific Boards with relevant information and address matters of concern; and continues to assist the State Department of Education on various matters related to fire and life safety in public schools.

Staff members participate in meetings and annual conferences of state- and local-level fire marshal and engineering associations. Staff members continue to grow and develop in their positions benefitting from multiple formal training and educational opportunities, as well as efficient training opportunities via select webinars.

Lastly, to improve plan review services, staff continue to communicate with stakeholders, identify and investigate multiple technology, process, policy, communication, and educational solutions. Some of these technological solutions are being purchased, researched, developed, and/or implemented in FY 20 to improve: electronic plan review productivity and security, the electronic storage and communication of plan review documentation and results; data collection, analysis, and reporting; and instructional/educational services for customers.

Community Risk Reduction

Section Chief:

Josh Fulbright

The Office of State Fire Marshal is responsible for programs designed to educate and enhance public awareness of fire safety and community risk reduction efforts. The Community Risk Reduction (CRR) team manages the Fire Marshal’s initiatives surrounding community risk reduction data, education, and outreach. This section also continues to coordinate the Community Loss Education and Response (CLEAR) Team.

Major program areas include:

- Public Fire and Life Safety Education Delivery
- Data Collection and Management
- Fire Incident Research and Analysis
- Major Incident Support
- Fire Safe South Carolina: A Community Risk Reduction Program
- Fire Safe South Carolina Smoke Alarm Program
- Quarterly Fire and Life Safety Educator Training

To provide fire and life safety programs for school and family audiences, the Division and EdVenture Children's Museum continue their partnership. This arrangement allows LLR to provide personnel and program support for Dalmatian Station and Home Safe Home (a fire safety exhibit) within EdVenture. State Fire staff members are responsible for program development, delivery, and outreach activities.

In FY 19, risk reduction messages were shared with 9,169 adults and 7,144 children during direct delivery of Community Risk Reduction programs. To maximize learning opportunities, CRR staff members were scheduled on dates the museum expected high levels of traffic, largely consisting of scheduled school groups and annual camps. This combined total reflects a 19.7 percent increase since last fiscal year.

EdVenture Children’s Museum Number Educated	
FY 19	16,313
FY 18	13,624
FY 17	7,605

Fire and Life Safety Educator Quarterly Training

To provide ongoing, high-quality training to community risk reduction and fire and life safety educators, CRR conducts Fire and Life Safety Educator Quarterly training sessions. These six-hour sessions are interactive and include subject matter experts from other disciplines. Each session provides attendees with continuing education credits that meet the job performance requirements of NFPA 1035 that, in turn, assists their fire departments with earning maximum ISO scale credit in the CRR category. In FY 19, CRR trained 205 quarterly attendees, representing a 40 percent increase in student attendance since last fiscal year and resulted in greater partnership opportunities with the fire service.

Fire Fatalities

First, for a longer-term perspective (25 years), the number of fire deaths in South Carolina has decreased. However, according to the National Fire Protection Association, South Carolina continues to rank nationally in the Top 10 for fire deaths (per million population). Researchers also found Southern states have had the highest fire death rates for the

	25-Year Comparison		
	1994	2019	Decrease
Number of Fire Fatalities	125	81	35%

last three decades. These higher death rates are statistically correlated with several socioeconomic or behavioral characteristics of the states.

To better understand the death rate, State law requires the State Fire Marshal’s Office to collect and analyze data on fire fatalities. In FY 19 (next chart), there was a 10 percent decrease in the number of fire deaths (81) compared to the previous fiscal year (90). The average age of a fire fatality victim was 55 years, and the majority of the fire victims (68 percent) were older than 50. Additionally, November 2018 was the deadliest fire fatality month with 16 victims, compared to one fire fatality in July 2018.

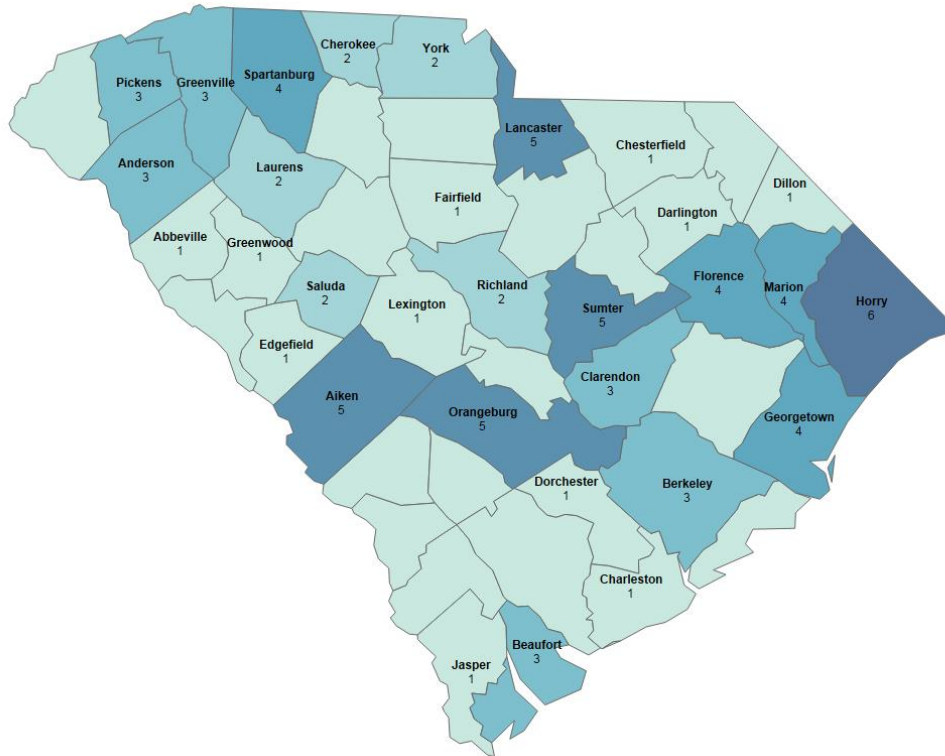
South Carolina Fire Fatalities				
	FY 19	FY 18	FY 17	FY 16
Number of Fire Fatalities	81	90	106	67
Average Age	55 years	53 years	55 years	55 years
Percent older than 50 years	68 percent (55 victims)	67 percent (60 victims)	66 percent (70 victims)	67 percent (45 victims)
Percent between 20-50 years	26 percent (21 victims)	20 percent (23 victims)	22 percent (23 victims)	21 percent (14 victims)
Percent younger than 20	6 percent (5 victims)	13 percent (12 victims)	12 percent (13 victims)	12 percent (8 victims)
Percent Male	65 percent	56 percent	66 percent	60 percent
Number of Fatal Fire Incidents	71	77	89	60
Number of Multiple Fire Fatalities	8 incidents	9 incidents	13 incidents	7 incidents
Highest Fire Fatalities by Month	November 2018 (16 victim)	January 2018 (23 victims)	January 2017 (13 victims)	October 2015 (13 victims)
Lowest Fire Fatalities by Month	July 2018 (1 victim)	June 2018 (2 victims)	November 2016 (2 victims)	September 2015 (2 victims)
Number of Residential Fires	53	67	78	55

CLEAR Team

Every reported fatal fire in South Carolina is researched by a State Fire CLEAR team member. The CLEAR team is comprised of several duty chiefs (weekly rotation), community risk reduction staff, volunteer researchers, and the State Fire Marshal. The team trains bi-monthly to ensure they receive the most up-to-date research techniques in order to professionally, cooperatively, and compassionately respond to scenes.

Data collection is accomplished by researchers using a detailed data collector. These statistics are analyzed by county, most probable cause, and type of structure, vehicle, or open area.

The following map of South Carolina reflects FY 19 fire fatalities by county. Horry County had the highest number of fire fatalities at six. Additionally, 31 counties had at least one fire fatality.



South Carolina State NFIRS Program

First, for a longer-term perspective (25 years), the number of fire departments reporting to the National Fire Incident Reporting System (NFIRS) has increased by 197 percent.

In FY 19, 85 percent of departments used NFIRS to report calls to which they responded. This percentage accounts for those departments who reported at least one incident during the year. These incidents range from structure fires to lift assists, false alarms, and severe weather. A separate annual report provides more in-depth information from the 422 participating fire departments. There is an ongoing goal of increasing the number of fire departments reporting annually and monthly.

	25-Year Comparison (Reporting Only)		
	1994	2019	Increase
Number of Fire Departments Reporting	142	422	197%
Number of Fires	10,637	376,724	3,442%
Estimated Dollar Loss	\$27M	\$114M	322%

Data management programs continue to expand beyond simple maintenance of National Fire Incident Reporting Systems (NFIRS). Data management also is instrumental in fire service-related research. CRR is assisting fire departments with data analysis, GIS mapping, and quality control.

Incident by Type	Percent
EMS and Rescue	58.78
Good Intent	13.68
False Alarm	9.86
Service	8.25
Fires	5.56
Other	3.87

There were 376,724 incidents reported in FY 19. This chart reflects a percentage of total incidents by call type. For example, EMS (medical) incidents are almost 60 percent of the calls and another 10 percent are false alarms. Almost six percent of incidents were fires, and these accounted for more than \$114 million in damages to property and contents. Of this amount, nearly \$3.4 million is attributed to intentionally ignited fires. Significant fires with property loss estimates greater than \$1 million have an impact on communities and local economies. The next chart reflects the significant FY 19 fires

listed by the date of the incident, city, property type, and dollar loss.

Date	City	Property Type	Dollar Loss in Millions
August 14, 2018	Yemassee	Food/beverage sales, grocery store	1.0
September 1, 2018	Pawley's Island	1 or 2 family dwelling	1.0
September 5, 2018	Green Pond	1 or 2 family dwelling	1.6
September 7, 2018	Greenville	Multifamily dwelling	2.0
September 15, 2018	Columbia	Residential or self-storage units	1.0
October 18, 2018	North Myrtle Beach	Multifamily dwelling	2.0
February 24, 2019	Hardeeville	Hotel/motel, commercial.	1.0
February 24, 2019	Myrtle Beach	Restaurant or cafeteria	1.9
March 17, 2019	Union	Undetermined	1.0
May 29, 2019	Hartsville	Open land or field	2.0
June 23, 2019	Greenville	Construction site	2.0
August 14, 2018	Yemassee	Food/beverage sales, grocery store	1.0
September 1, 2018	Pawley's Island	1 or 2 family dwelling	1.0
September 5, 2018	Green Pond	1 or 2 family dwelling	1.6
September 7, 2018	Greenville	Multifamily dwelling	2.0
September 15, 2018	Columbia	Residential or self-storage units	1.0
October 18, 2018	North Myrtle Beach	Multifamily dwelling	2.0
February 24, 2019	Hardeeville	Hotel/motel, commercial	1.0
February 24, 2019	Myrtle Beach	Restaurant or cafeteria	1.9
March 17, 2019	Union	Undetermined	1.0
May 29, 2019	Hartsville	Open land or field	2.0
June 23, 2019	Greenville	Construction site	2.0

Research Analysis Projects

The Revenue and Fiscal Affairs (RFA) Office is partnering with SC State Fire to create a GIS-layer which will assist statewide emergency efforts as well as State Fire's community risk reduction section. In FY 19, a memorandum of understanding was signed with RFA, whereas RFA is constructing the physical layer for usage by the Agency. LLR is assisting by confirming current fire department response boundaries and physical locations. Expected to be completed in FY 20, this map will allow fire district boundaries to be layered over county boundaries and address points to create dynamic maps that, for years, can assist emergency response considerations, preplanning, and risk reduction efforts.

With the availability of some fire district layers through RFA, risk maps created last fiscal year based on human, socioeconomic, and housing factors were updated in FY 19 for usage by the Fire Safe SC program. This was done in an effort to assist fire departments in determining the highest-risk areas in their respective counties. These maps were created in ArcGIS using an innovative matrix that reflects what is known about high-fatality count areas and high-response areas, despite not using either data set in the algorithm.

Two research projects were initiated during FY 19. First, policy research was conducted to expand the functions of the CLEAR Team (mentioned above). Since community significant fires do not always have a large property loss or a fatality, there is a lack of research in how fires impact a community's social, economic, and environmental aspects in the long-term. Suggested rewriting of the CLEAR Team's response policy would allow for more fires to be researched. Statistics gathered could be used to extend current CRR programming. Ten communities were provided a risk assessment in exchange for their insight into what community significant fires mean to their respective districts.

Second, a project was initiated in conjunction with the EMS Education Section of the Academy. Continuing in FY 20, CRR and EMS Education are researching the frequency of reporting firefighter injuries with several partnerships to help guide the findings, including: State Accident Fund, SC OSHA, Myrtle Beach Fire Department, and South Carolina Workers Compensation Fund. The research intends to identify mechanisms for cultural change to encourage injury reporting and promote safer workplace practices amongst the fire service.

Fire Prevention Grants and Partnerships

Continued partnerships within the Agency, with other state agencies, community groups, grants, and others have promoted life-saving initiatives.

- The South Carolina Department of Disabilities and Special Needs (DDSN) contracts with State Fire to deliver annual home fire safety training to its employees across the state. This training has been revised and a project is underway to move this training to the Fire Academy's Online Training platform. This is expected to be complete in FY 20.
- State Fire, in partnership with South Carolina Educational Television (ETV), has provided access to a fire and life safety program to all third-grade teachers through a repository of lesson plans stored on the ETV website. Teachers from across the state regularly access this database to deliver health and safety programming for school-aged children based on the 2017 South Carolina Standards for Health and Safety Education. State Fire CRR intends to participate in coming years to introduce fire and life safety messaging standards further than the current first- and third-grade levels. This guiding standard is produced by the State Department of Education. Currently, a first-grade version of the program is under development and is expected to be available to teachers in FY 20.
- ETV met with State Fire in FY 19 and opened a door to providing fire and life safety continuing education for teachers. Development of a 10-hour course, good for 20 renewal credits, is underway and intended for release in FY 20.
- State Fire is a partner with the Home Fire Preparedness Campaign - an American Red Cross program. One of the major goals of this relationship was to install 50,000 smoke alarms in homes across South Carolina from 2015-2017. Records show that 51,714 smoke alarms were installed during this period. State Fire is a partner with Red Cross professionals in our region and continue to provide technical expertise in the area of education and logistics. Since the initial push, there has been an annual increase in the number of homes made safer and the number of alarms installed. In FY 19, there were 3,808 homes documented as made safer as a result of this partnership with 13,236 smoke alarms and 103 deaf/hard of hearing alarms installed, and 454 smoke alarm batteries replaced.
- State Fire continues to partner with Vision 20/20, its national community risk reduction partner. Through grant funds, Vision 20/20 has provided thousands of alarm resources to South Carolina residents. Further, the CRR chief was asked to pilot a CRR course for the volunteer fire service through the role of technical advisor. With the assistance of the local Fire Safe SC representative, the course was piloted on June 10 and 12 at Howe Springs Fire Department (Florence County). Course feedback was given, revisions were made, and an invitation was received from Vision 20/20 to be part of nationwide cadre of instructors to teach the course (upon request).
- State Fire was invited to participate in a two-day CRR Leadership Symposium (May 2019) in partnership with the Congressional Fire Services Institute to discuss the future priorities for nationwide CRR efforts. Feedback and suggestions are being compiled for distribution. Following the event, the Michigan State Fire Marshal's Office requested and will be facilitating a presentation highlighting CRR efforts in South Carolina and resources for national Vision 20/20.
- State Fire was invited to participate in the State CRR Team Development meeting (March 2019) in Chicago. Assistant State Fire Marshal Nathan Ellis and Section Chief Fulbright shared the framework of CRR activities. As a result, a guide was published and distributed nationwide with South Carolina, Tennessee, and Illinois highlighted as model states for statewide CRR efforts.
- State Fire was invited to participate in the Sound Off with Home Fire Safety Patrol grant-funded program for second- and third-grade classrooms. Fire service and school representatives from five counties met at the State Fire campus for initial training, discussion pre/post testing, and coordination of home safety visits to install provided alarm technology. The program is slated to be completed in FY 20, with consideration for statewide distribution dependent on further grant funding.
- State Fire was invited by the National Fire Protection Association to host the first SC Fire and Community Risk Reduction Summit at the State Fire Academy, sponsored by State Farm, on Feb. 7, 2019. More than 280 attendees and 15 vendors along with several national speakers, interacted in a day of training on CRR tools and technology. Plans are underway for a similar event in FY 20.

Fire Safe South Carolina: A Community Risk Reduction Program

Increasing industry concerns and unique demands require innovative responses. Fire Safe South Carolina seeks to reduce fire-related injuries, promote consistent messaging, increase data quality, and provide valuable resources. The mission of

Fire Safe South Carolina is to unite fire service organizations to engage influential community stakeholders; together, we will support local fire departments to serve their citizens through strategic community risk reduction programs. Organizational partners include the SC Firefighters' Association, the SC Fire Chiefs' Association, and the SC State Fire Marshals' Association. During FY 19, Quarterly Partnership Meetings were initiated between the organizational partners and will continue with annual leadership changes in FY 20.

Launched in June 2017, Fire Safe South Carolina and associated efforts continue to be presented at various fire service association conferences and other venues across the state. Phase I of Fire Safe SC was initiated (last fiscal year) with 30 county meetings (out of 46 counties) held with more than 800 in attendance.

In FY 19, 11 additional counties were visited with more than 200 collectively in attendance. Two of the remaining five counties are being scheduled for FY 20. During these meetings, staff continue to review current efforts, forge new relationships, and establish focus for that area. Phase II of the program, which is a survey of local fire department activities and community risk reduction goals, was issued statewide. In FY 20, staff will continue to focus on collecting these surveys and work toward recognizing invested fire departments.



In FY 19, two full-time, temporary staff members were converted to full-time, permanent staff and remained tasked as lead contacts for the program. Each staff member is responsible for 23 counties and serves as point of contact for approximately 260 districts. Staff will engage, facilitate, and track the progress of districts on their journey in becoming designated as a Fire Safe South Carolina Fire District.

In maintaining relationships and supporting the South Carolina fire service, other state and national organizations have partnered with Fire Safe South Carolina in new and unique ways to promote common goals. Since FY 18, these groups have included: American Red Cross, Department of Education, SC Baptist Convention, Department of Health and Environmental Control, Vision 20/20, SCETV, Children's Trust of South Carolina, and the SC Lieutenant Governor's Office on Aging. In FY 19, the groups expanded to include: Safe Kids of SC, National Fire Protection Association (NFPA), Salkehatchie Camps, and The Pet Oxygen Kit Project.

Continuing in FY 19, the Office on Aging partnership resulted in 312 referrals for home safety visits following assessment by local area agencies on aging. Completed in FY 19, in partnership with the American Red Cross, installation was completed over nine months of 4,500 smoke alarms purchased the previous fiscal year was completed over nine months. This was funded by the Department of Health and Environmental Health for 17 counties.

Increased interest across the state has resulted in additional requests and welcomed demands for resources. These partnerships continue to be maintained and new ones fostered, with groups continuing to come forward who have the ability to influence the fire problem.

- The Fire Safe South Carolina Alarm Program has partnered with multiple entities to bring smoke, carbon monoxide, and deaf/hard of hearing specialty smoke alarm resources into South Carolina. These resources are provided to local fire departments where firefighters visit the homes they protect to educate residents about reducing the impact of fires while ensuring the residents have adequate alarm technology in their home.
 - During FY 19, the Fire Safe South Carolina Alarm program received 3,934 smoke alarms, 606 carbon monoxide alarms, and 74 deaf/hard of hearing specialty smoke alarms. During the same period, 4,859 smoke alarms, 274 carbon monoxide alarms, and 208 deaf/hard of hearing specialty smoke alarms were disbursed to local fire departments. (These dispersals for the year include alarms which may have been received in the year prior.)
 - Of note, in FY 19, the program distributed to 132 different fire department partners, compared to 65 in FY 18, marking a 103 percent increase.

- To ensure access of our joint efforts statewide, tracking of alarm installations continued within the American Red Cross database. This partnership continued to allow both organizations the ability to see progress, avoid duplication, and plan for alarm replacements in the decades to come. The partnership also provides local fire departments the ability to track and account for their personal resources, facilitating a framework for statewide installation information should all departments transfer their tracking to this platform.
- State Fire was contacted by a graduate student seeking a summer internship opportunity with desire to promote the Fire Safe SC Deaf/Hard of Hearing Smoke Alarm program. The intern prepared a promotional flier for medical providers caring for our deaf/hard of hearing community. Also, a script for a short public service announcement and longer informational video was created with production planned in early FY 20.
- Fire Safe SC Alarm program received two grants:
 - **FM Global Grant** (June 2019) - \$2,754 for the procurement of 200 photoelectric smoke alarms. Alarms will be installed into homes of South Carolina residents by the local fire service or members of the CRR Team during alarm blitz operations.
 - **SC Physicians Care Charity** (April 2019) - \$34,180.48 for the procurement of 256 Deaf/Hard of Hearing Smoke Alarms. Alarms will be distributed to qualified South Carolina residents with installation by the local fire service.

With state-wide and national support, Fire Safe South Carolina stands to be a sustainable community risk reduction venture. A web presence continues to grow around Fire Safe South Carolina, with a website, www.firesafe.sc.gov, and social media (@FireSafeSC) platforms.

FY 19 Staff Related Information

Staff Positions	Number of Personnel (8)
Community Risk Reduction Program Manager	1
Statistical Research Analyst	1
Instructor/Training Coordinator	1
Community Risk Reduction Program Assistants	2
Community Risk Reduction Program Assistants (Temp/PT)	3

South Carolina Fire Academy (SCFA or “Academy”)

Superintendent: Chief Dennis Ray

The Academy’s mission, per SC Code of Laws 23-10-10, is to provide statewide training for South Carolina’s fire service personnel (paid, volunteer, airport crash rescue firefighters, industrial fire brigade, rescue, and other emergency response personnel). Through more than 200 different courses, and the ability to customize programs, the SCFA provides basic and advanced training for firefighters, fire officers, instructors, and fire department support functions, which include public fire education, fire prevention, inspections, and fire investigations.



The Academy’s logo includes the Maltese Cross, a well-known symbol in the fire service associated with the qualities of loyalty and bravery. The four points represent “Protect,” “Prevent,” “Train,” and “Respond.”

Located on Academy grounds is the SC Fallen Firefighters Memorial. Each spring, the South Carolina State Association of Fire Chiefs holds a memorial service. The Fallen Firefighter Memorial Garden was constructed by the SC State Association of Fire Chiefs and the SC State Firefighters' Association in conjunction with the SC Department of Labor, Licensing and Regulation.

The dedication ceremony was held Aug. 28, 1999. The names of South Carolina fallen firefighters have been placed on the memorial wall to honor their dedication, service, and sacrifice to the citizens of South Carolina, their communities, and departments. Currently, along with an eternal flame, there are 117 names on the wall dating back to 1868.



To address emotional, spiritual, and behavioral health needs of employees, recruits, students, and guests, a chaplain has been assigned to the Academy. As a Master Chaplain, Chris Wade works with the three divisions of State Fire. He is also tasked with organizing and teaching chaplains across the state the particulars of fire chaplaincy. This last year, 53 chaplain students attended the Essentials of Fire Chaplaincy course through the Academy.

The Academy offers training to in-state firefighters, out-of-state firefighters, non-member “Open Enrollment” students, Boy Scouts of America “Explorer, Learning for Life,” and Junior Firefighter programs for students 16 and 17 years old. The Academy also provides training to local EMS, police, emergency management, and rescue squad personnel.

SCFA training is based upon National Fire Protection Association (NFPA) standards and SC OSHA regulations. The Academy also focuses its programs on the Fallen Firefighters Foundation’s 16 Life Safety initiatives and its “Everyone Goes Home” program. The “Everyone Goes Home” program focuses on firefighter safety and reducing the number of line-of-duty deaths and injuries.



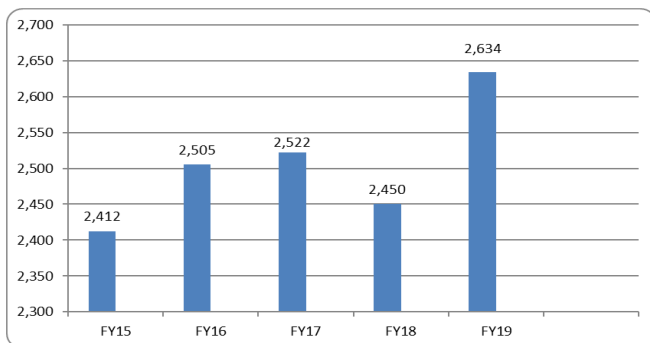
The SCFA is accredited by the International Fire Service Accreditation Congress (IFSAC) in 20 fire service occupational levels, and by the National Board on Fire Service Professional Qualifications (Pro Board) in 19 levels of Fire Service Professional Qualifications.

Accreditation to these professional levels reinforces the diligence of Academy staff, training programs, and testing process that represents the learning and mastery of each successfully completed student in any of the program levels. Accreditation ensures uniformity of statewide fire education, and also allows students trained and tested at the Academy more mobility to/from other accredited states.

Throughout the year, the SCFA provides a minimum of four on-site firefighter recruit programs. The number of programs conducted are based on department and student demand. The eight-week program requires each recruit to reside at the Academy by lodging in an on-site fire station and adhere to a strict instruction schedule. If successful, each recruit achieves nine Academy certificates, including the accredited levels of Firefighter I and II. Weekly training and a graduation video are shared via social media.



South Carolina has nearly 500 fire departments with more than 19,000 firefighters. In FY 19, the Academy operated and provided 351 days of training. The Columbia site was open 269 days during this same time period (compared to the state employee work year of 248 days).



The charts listed reflect a five-year perspective of the total number of training programs (courses) provided and students attending and completing the courses. The following two charts show, for FY 19, the Academy provided 2,634 requested training programs to 28,313 students registered, and 27,687 were successfully completed by students.

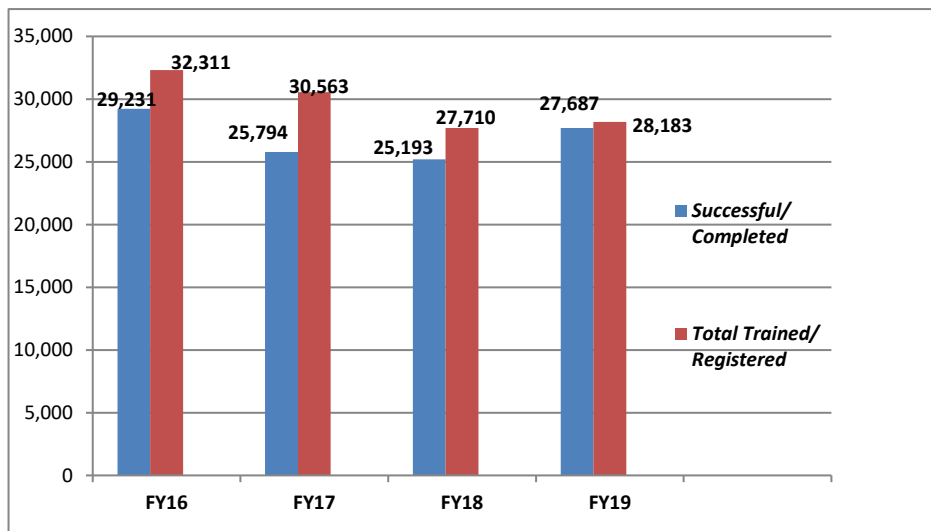
This is an almost eight percent increase in the number of students from previous years. Additionally, hurricanes Florence and Michael closed state offices Tuesday, Sept. 11, 2018, in 18 counties along the coast and inland. As such, the Academy’s Columbia office (and several regional offices) were

unable to provide scheduled training. The Academy, dorms, cafeteria, fire station, US&R, and administrative buildings were utilized by state and federal US&R resources for several weeks.

Since the Academy has provided training on its Monticello Road campus, the 25-year comparison chart shows a large increase in the number of courses and students. The amount of courses has increased 46 percent. The number of students has increased 72 percent. This increase is based on having a dedicated facility and an increase in training props.

25-Year Comparison			
	1994	2019	Increase
Number of Courses	1,800	2,634	46%
Number of Students	16,500	28,313	72%

The next table represents a four-year perspective for the total number of registered (total trained) and completed (successful) students during FY 19.



To meet the needs of those unable to commit to a traditional classroom environment, and to provide an alternative training environment, almost 9,000 students (completed) online independent learning, hybrid, and blended learning programs. Open enrollment “seminar” online program numbers are not captured as “completed students.” As such, many of these students are not counted in the associated chart.

This chart reflects the percentage of types of training courses provided to the state’s fire service members. For

example, in FY 19, “firefighting” related training totaled 17.79 percent and “officer” related training totaled 11.86 percent of classes requested.



The Academy is comprised of the following areas of operations and support:

Marketing and Special Projects

Program Coordinator:

Amy Williamson

Regional Training Courses						
Courses	Region 1 Greenville	Region 2 York	Region 4 Florence	Region 5 Charleston	Region 6 Midlands	Totals
Catalog	166	121	60	6	63	416
Request	191	74	123	208	72	668
In House	131	52	168	284	75	710
CTC	57	42	10	0	35	144
Total	545	289	361	498	245	1,767

The Marketing Projects in May 2019, marketing industrial planning, and coordination. Assignments include various on-going and one-time projects, event coordination, customer outreach and site visits, internal/external marketing, association meeting attendance, and coordination of policy updates.

and Special section, created assists with municipal and courses, event special project

Since its inception, staff coordinated and attended 16 industrial and six municipal site visits. Staff also attended eight association, six partner agency, and 23 other fire-related meetings. Six policies have been updated including: Open Enrollment, Resident Recruit School, Resident Instructor Safety, CTC/High School Program, Student Conduct, and Curriculum Development.

One-time projects include producing an industry training catalog, creating EMS promotional material, as well as creating a master vendor list and promotion slides for Academy classrooms and the Denny Auditorium.

Ongoing projects include:

- Database workflow project
- Charleston Regional Training Facility Project (State Fire designee)
- Regional service projects ARFF training newsletter
- Industry section newsletter

Regional Training **Section Chief: Lenny Busby**

Regional training is the key to the delivery of Academy courses to fire service customers. A majority of courses are conducted in the regions at local fire departments. Six regional offices are located throughout the state, and staff work continuously to promote and provide training programs and services to fire service customers. In FY 19, staff attended 419 fire department meetings while driving 160,935 miles.

Number/Types of Employees	
FT/PT staff	Instructors
8 Full-time 2 Part-time	122 Part-time

Additionally, these offices:

- Trained 20,854 successful students in 2,022 programs (nine percent increase in the number of students and nine percent decrease in the programs from last fiscal year).
- Produced 260 new Certified Academy Instructors in a variety of classes
- Continued to promote courses to reduce the number of canceled programs through marketing, communication, and the addition of in-house instructors to meet customer needs.
- Provided an estimated 1,344 retests.
- Continued to work in support of online, alternative delivery programs and high school programs to increase student occupancy and customer support.
- Trained 418 high school students in 28 schools to increase student occupancy and attract new fire service members.

Regions - Completed Students						
Students	Region 1 Greenville	Region 2 York	Region 4 Florence	Region 5 Charleston	Region 6 Midlands	Totals
Catalog	2,131	1,118	680	209	571	4,709
Request	1,963	855	986	1,597	1,034	6,435
In-House	1,267	605	2,356	3,338	859	8,425
CTC	500	220	136	0	178	1,034
Total	5,861	2,798	4,158	5,144	2,642	20,603

Resident Training

Section Chief: Lenny Busby

Resident training is responsible for training activity on the Academy’s main campus, as well as industrial marketing, industrial programs, technical level hazardous material, rescue programs, and aircraft rescue firefighting (ARFF) courses. This year, resident staff provided 423 programs for 6,979 students. Since last fiscal year, this is an eight percent decrease in the number of programs and nine percent increase in students.

Specifically, in FY 19, the Academy:

- Continued support of the State Industry Emergency Brigade Working Group.
- Purchased a new Inventory System to track personal protective equipment (PPE), ladders, hoses, and other equipment.
- Trained personnel and purchased equipment allowing staff to make necessary PPE repairs.
- Received a \$500,000 grant allowing for the purchase of 82 Scott G1 SCBA’s, 30 additional cylinders, 122 face-pieces and four respirator fit test machines, allowing the Academy to conduct its own tests.
- Continued training for large industrial customers.
- Hosted Fire Escape 2019 and Explorer’s Competition.
- Purchased firefighting protective clothing for students and instructors.
- Secured a \$13,570 Hazardous Materials Emergency Preparedness (HMEP) grant for equipment for HazMat and rescue courses.
- Continued to be involved with an active shooter program known as Advanced Law Enforcement Rapid Response Training (ALERTT).
- Created an “industry newsletter,” which is distributed to industries (in and out-of-state) to promote additional course advertisement.
- Devised a plan to share used PPE by issuing them to Career Technology Center (CTC) programs.
- Assisted the SC Firefighters’ Association with its annual Fire-Rescue conference, held in Columbia, by providing audio-visual equipment and hosting two H.O.T classes at the Academy.
- Hosted the Preventative Radiological Nuclear Detection stakeholder’s meeting and the Southeastern HazMat conference with nearly 200 attendees
- Received delivery of the Striker, a new ARFF apparatus through an FAA grant (approximately \$900,000).
- Hosted an emergency response competition for one of the world’s largest fertilizer companies (PotashCorp).
- Supported field programs by delivering support trailers and equipment 252 times across the state totaling 47,460 truck miles.

Number and Types of Employees		
Full-Time	Part-Time	Instructors
6	2	54

Resident Training: Courses Held					Resident Training: Students Trained			
Courses	Municipal	Grant	Industry	TOTAL	Municipal	Grant	Industry	TOTAL
Catalog	173	0	0	173	3074	0	0	3,074
Industry	3	0	79	82	54	0	980	1,034
Request	160	3	0	163	2,793	0	0	2,793
In- House	20	0	0	20	151	0	0	151
TOTALS	356	3	79	438	6,072	0	980	7,052

Curriculum Section Chief:

Bonita Watters

Curriculum encompasses Development and Production. The section develops accredited and non-accredited curriculum to include instructor and student materials, audio-visual materials, and online training required for statewide delivery. In addition, the section provides technical support to students, instructors, on-site classrooms and auditorium, as well as, in-house print materials and acquires and distributes purchased text.

Development

The Development unit of Curriculum provides the development and revisions of materials for Academy courses. Other projects include:

- Revising courses: *Firefighter Series* courses (based on newest edition NFPA 1001) and *3350 Surface Water* (based on current edition NFPA 1006).
- Developing new courses: *3331 Auto Extrication Operations* course (based NFPA 1006) and *1158 Engine Operations* in cooperation with Charleston Fire Department, *1124 Introduction to Performing Pre-Incident Plans and Surveys* in cooperation with the Fire Marshal's Office.
- Continuing revision of *2155 Fire Ground Simulation*.
- Completion of pilots for *1123 Building Construction Awareness* (replaces NFA courses for Combustible and Non Combustible Building Construction), *2133 Building Construction for Company Officers* based on the Fire and Emergency Services Higher Education approved text, *2103 Fire Officer III*.
- Revising the *3203 Fire Investigation* class to the newest edition of Jones & Bartlett text, which updated to the current edition of NFPA 921. Expanding inclusion of stakeholders from around the state and delivering an IOW to train additional instructors.
- Delivering the *1955 Firefighter Survival* IOW and *2925 Pipeline Emergency Response* IOW to support the newest revision.

National Fire Academy (NFA)

- Successful attendance of the NFA State Weekend in Emmitsburg, Maryland (July 2018).
- Delivering three NFA two-day and one six-day Direct Delivery course on the Columbia campus.
- Offering the first NFA handoff six-day course in Hilton Head (*2152 Command and General Staff Functions for Local Incident Management Teams*).
- Adopting and delivering the NFA's new Leadership in Supervision series including three two-day courses and one six-day course utilizing the Socratic Method. Also delivered the Instructor Orientation Workshop (IOW) 2991 for instructors.
- Adopting and customizing *Training Operation Small Departments* to include SC specific information.

Other

- Assisting in coordination and delivery of 2019 Fire Escape-High School Competition.
- Working with Clemson Extension and delivering a Chainsaw Awareness class at the Academy.
- Hosting/presenting SC Department of Education's training session for high school Firefighter I and II instructors.

Production

The Production unit includes media and print shop services as well as online training.

Media Specialists deliver weekly videos for each of the onsite recruit schools as well as a graduation video for each class covering the eight weeks. They provide photo, video, and technical support to the Curriculum Developers as well as work with the State Fire Marshal's Office, Emergency Response, and LLR to provide videos, photos, and online training support for numerous events and projects.

The Print Shop provides print material for Academy courses and supports other areas of State Fire as well as LLR, when requested. The next chart shows the number of books printed by SCFA Print Shop with cost and savings compared to SC Department of Corrections print shop.

Month/Year	Books Printed	Cost	Savings
July 2018	1712	\$3,508.37	\$3,597.39
August 2018	2098	\$5,699.06	\$7,003.66
September 2018	863	\$2,273.11	\$2,667.93
October 2018	829	\$2,666.71	\$3,514.1
November 2018	858	\$3,540.72	\$4,774.88
December 2018	0	0	0
January 2019	2522	\$6,328.21	\$6710.47
February 2019	1567	\$3,579.08	\$3,974.16
March 2019	927	\$2,461.94	\$3,421.50
April 2019	1803	\$4272.66	\$4608.70.
May 2019	1005	\$2402.92	\$2717.05
June 2019	3225	\$7816.80	\$8574.34
Totals	17,409	\$44,549.58	\$51,564.18

Online training is a popular, self-paced, and convenient option for Academy students. Several courses were created specifically for the South Carolina fire service. The online course website is <http://scfaonlinetraining.org>.

Staff members continue to work toward implementation of Blackboard to replace Moodle as the Academy’s online Learning Management System. Implementation is scheduled for first quarter FY 20.

Staff provided almost 9,000 students (chart below) with open, hybrid, or blended-learning training using the online format. This is a three percent increase in students from last fiscal year.

Month/Year	Open	Hybrid	Total
July 2018	384	17	401
August 2018	271	287	558
September 2018	246	413	659
October 2018	420	415	835
November 2018	346	456	802
December 2018	286	435	721
January 2019	439	430	869
February 2019	440	430	870
March 2019	444	494	938
April 2019	259	430	689
May 2019	191	458	649
June 2019	255	440	695
Totals	3,9821	4,705	8,686
<i>HazMat Awareness, Hybrid courses are reflected in training courses and student numbers.</i>			

Accreditation, Testing, and Certification

Section Chief: Doug Spinks

Accreditation and Testing is responsible for managing the Fire Academy’s IFSAC (International Fire Service and Accreditation Congress) and Pro Board (National Board on Fire Service Professional Qualifications) certification and accreditation programs for the 20 areas of curriculum offered for national certification. In FY 19, there was a 67 percent pass rate on IFSAC exams. This Section also manages the Equivalency and Reciprocity Review Program.

Other projects include:

- Issuing 2,126 IFSAC seals (19 percent decrease from previous fiscal year).
- Issuing 326 Pro Board certificates (37 percent increase from previous fiscal year).
- Awarding 291 students with 977 levels of reciprocity and 139 students with 509 levels of equivalency.
- Utilizing \$17,626.07 from the NFA State Training Grant.
- Adding part-time Accreditation specialist to staff.

Number/Types of Employees	
Full-Time	Part-Time
1	1

Emergency Medical Services Training (EMS)

Section Chief:

Julie McCabe

In FY 19, the EMS Training Section underwent reorganization to support the growth in EMS and Emergency Management (EM) needs at the Academy. Julie McCabe was promoted to program manager in April while Tim Wojcik was relocated to the State Fire Marshal’s Office to oversee additional EM and risk management responsibilities.

The EMS Section completed two EMT courses in FY 19. Hartsville Fire Department hosted a traditional initial EMT course held once a week (June-November) with two of the five students eligible for National Registry of EMT (NREMT) testing. Bluffton Township Fire District held a recruit-style initial EMT course under an “ACI” model of instruction in November and December with nine students eligible to test the NREMT. To date, nine of the eligible 11 students have obtained NREMT certification and are eligible for SC DHEC EMT certification.

Number/Types of Employees	
Full-Time	Part-Time
2	13

During FY 19, the EMS Section worked with the Sumter Fire Department to begin its first 60-hour ASHI EMR “ACI” model course. This course begins in July 2020. The EMS Section has been working with SC DHEC to train more than 1,400 firefighters across the State in Reducing Opioid Loss of Life (ROLL). These training numbers continue to grow. In addition, the EMS Section continues to coordinate ASHI EMS programs such as ASHI BLS and ASHI Basic First Aid classes for the Academy fire recruit program, industrial partners, and various stakeholders. In FY 19, the Academy began offering the Stop the Bleed™ training under 1823 Bleeding Control Basic. The EMS Section continues to strive to incorporate ROLL and Stop the Bleed™ into the Academy fire recruit program and expand the availability of EMR and EMT courses to align with fire recruit training opportunities.

Despite the restructuring of the EM section, the EMS Section played a vital role in State Fire operations during Hurricane Florence. The EMT course at Hartsville was canceled for two weeks while responders from across the state assisted with emergency operations in the Pee Dee region. The EMS Section will continue to serve under various EM functions, as needed, during declared emergencies.

The availability of EMS-related courses continues to be marketed to various stakeholders including emergency service providers across the state. More than 40 municipal-based emergency medical providers were given information on obtaining an FDID to allow their personnel to take Academy classes. The EMS Section strives to meet the needs of the emergency services community to enhance the ability to provide quality EMS care.

Administration

Program Supervisor:

Sherri Bush

This section administers the Fire Portal, processes registrations, confirmations and transcript updates, and issues certificates (except IFSAC certifications). The next chart is a monthly breakdown of administrative tasks.

<i>Month</i>	<i>Packages</i>	<i>Students</i>	<i>Certs</i>	<i>Letters</i>	<i>No Show</i>	<i>Retest</i>	<i>Trans.</i>	<i>Regs. Proc.</i>	<i>Bill Reas</i>
July	122	1,372	1,266	317	21	60	7	2,102	356
August	120	1,506	1,329	281	31	69	8	1,895	529
September	45	559	681	217	13	49	13	1,690	231
October	150	1,775	1,639	360	20	65	6	826	114
November	92	1,137	1,030	242	30	43	7	725	98
December	79	1,119	921	269	26	37	11	337	47
January	98	1,168	964	195	7	34	5	1,287	161
February	87	1,135	1,052	249	22	32	8	1,190	121
March	150	2,181	2,106	414	35	36	9	1,386	264
April	183	2,511	2,264	458	49	33	2	976	96
May	138	1,768	1,641	282	29	42	12	866	167
June	263	3,070	2,703	460	51	39	11	491	141
Total	1,527	19,301	17,596	3,744	334	539	99	13,771	2,325

Other projects include:

- Cross-training administrative staff.
- Assisting Accreditation during staffing shortages by processing course packages and requests for transcript equivalencies.
- Working in the State Fire booth during the annual Fire Rescue Conference.
- Working with CRR to host the “Community Risk Reduction for a Fire Safe South Carolina Summit.”
- Ordering, distributing, and maintaining Academy supplies.
- Working on the Database Reconstruction Project.
- Scheduling more than 50 meetings and events for the Academy, Fire Marshal, and various state agencies.

Number/Types of Employees	
Full-Time	Part-Time
3	0

Facilities Maintenance

Manager: Greg Bass

The facilities maintenance team provides maintenance, landscaping, and janitorial services for the 208-acre training site. This includes buildings, grounds, systems, props, support equipment, trailers, and vehicles. An online Fire Academy Maintenance Request System is utilized to provide better accountability and cost tracking. During FY 19, there were 362 requests submitted and 348 were completed. The Division spent \$22,413 on the completed requests. Additionally, fire station and dormitory renovations are underway.

Other projects include:

- Installing 17 new training hydrants, improving training capabilities and eliminating on-going issues.
- Performing a hydro-scrub on the cafeteria drain lines.
- Installing SAFT prop regulator.
- Replacing HVAC unit in Fire Marshal’s building.
- Repairing manhole and lift-station leaks (eliminates Guard building flooding issue).
- Replacing the US&R building re-circulating pump.
- Replacing the Piercing Prop motor.
- Completing fire sprinkler and water back flow tests (no issues reported).
- Completing quarterly air tests on SCBA filling compressors (no issues reported).
- Repairing propane leak at the ARFF pit (eliminating potential safety hazard).
- Supporting bed-down of approximately 750 rescuers from 15 different states during Hurricane Florence.
- Maintaining lift-stations, generators, and responding to maintenance needs.
- Fabricating hydrant show-piece display case utilized at EdVenture.

Number/Types of Employees	
Full-Time	Part-Time
5	1

- Designing, fabricating, and installing new racking system for US&R mobilization truck, allowing for easier transport of equipment.

**Cafeteria, Dormitory, and Retail Store
Hospitality Manager:**

Stanley Williams

Feeding and lodging is part of the package the Academy provides to on-site customers. The cafeteria staff furnishes meals and dormitory rooms to support site operations and operates the Academy’s retail store. Revenue sales totaled \$46,172.03.

The SCFA dormitory rooms are semi-private with two students assigned to each room. Each room has bathroom facilities, a television, and alarm clock radios. Single-occupancy rooms may be offered on a space available basis for an additional fee. Weight, laundry, and break rooms are available for students. Staff members also assists with booth/store management during the annual SC Firefighters’ Fire Rescue convention in Columbia. Dormitory renovations started in May 2019.

Cafeteria projects include:

- Providing a six-week cycle menu.
- Redesigning retail store and creating a T-shirt and hoodie design.
- Serving 23,420 meals to students, staff, inmate laborers, and walk-in customers.
- Preparing and serving approximately 2,838 meals in support of Hurricane Florence.
- Providing healthy food options with expanded salad bar.
- Providing catering services to agencies using facilities.
- Selling new items to meet customer demands.

Dormitory projects include:

- Issuing approximately 3,900 dormitory rooms for students.
- Providing lodging in support of Hurricane Florence.
- Issuing and cleaning 450 double rooms and 131 single rooms.

**Emergency Response
Program Manager:**

Chief Ken Kerber



As previously stated, the role of Emergency Response is to assist local, regional, and state governments in times of need. Emergency Response provides subject matter experts, guidance, and on-scene professional resources during disasters or emergencies that overwhelm local resources. They provide responses to all phases of firefighting, structural collapse, helicopter rescue, water rescue, and hazardous materials incidents. This response can range from sending subject matter experts to providing hundreds of firefighters to assist in a large-scale disaster. In addition, it supports LLR’s role in emergency support functions within the State Emergency Response Plans and day-to-day operations.

Additionally, per SC Code of Laws (23-49-10), South Carolina Firefighter Mobilization serves as a statewide mutual aid assistance agreement utilizing the state’s 46 counties. The system allows for firefighting and rescue resources to be effectively and efficiently moved throughout the state to assist during local, regional, and statewide disasters or emergencies.

Number/Types of Employees	
Full-Time	Part-Time
3	3

The SC Emergency Response Task Force (ERTF) continues to provide initial and long-term responses to natural and man-made disasters. The program’s primary focus is to provide immediate resources to local and regional fire service agencies. ERTF continues to partner with the SC National Guard to offer a statewide helicopter aquatic rescue program (SC-HART).

Hurricane Florence: September 7-30, 2018

In September 2018, Hurricane Florence was a powerful storm and the wettest tropical cyclone on record in the Carolinas. As a result of swollen rivers, the slow-moving disaster allowed forecasters to pinpoint exactly which areas would be flooded. Specifically, the Waccamaw River, which floods at 11 feet, crested at 21.7 feet. All of that water made its way to Georgetown – where five different rivers converge to reach the Atlantic Ocean.



In response to Hurricane Florence and the flooding, SC-TF1 was deployed and SC-HART and Firefighter Mobilization were activated. It was the longest deployment (23 days) in the history of the Task Force. Along with assistance from firefighters across South Carolina, multiple states (Louisiana and Tennessee), and FEMA assisted by bringing in Incident Support Teams, which included members from across the United States as well as four FEMA Type 1 US&R Teams.



Harvey (2017). The exercise was to re-play and practice missions from Harvey using lessons learned during the actual event.

SC-Task Force

The US&R Task Force continues to grow and maintain its proficiency in the many disciplines within its capabilities. Every other month, there is a three-day logistic/training event. In addition, throughout the year, specialized training is held to include boat operator classes, swift/flood water training, and the FEMA 80-hour Structural Collapse class.

In June 2019, HART leadership traveled to Texas and attended a Search and Rescue Exercise (SAREX) in Galveston with many of the same agency personnel who participated in the missions during Hurricane



SC-Helicopter Aquatic Rescue Team (HART)

There were a number of HART training scenarios in the Upstate, Columbia area, and at the Academy. In May of 2019, the HART Team traveled to North Carolina and trained alongside NC-HART to standardize many of the procedures utilized during a HART rescue. This training helped solidify the standards and procedures for the upcoming inaugural HART Academy (August 2019) at the Academy and McEntire Joint Base. HART leadership also traveled to Lincoln, Nebraska to discuss the HART Academy with its civilian and military leadership.

Firefighter Mobilization (FFMOB)

Per SC Code of Laws (23-49-10), this statewide mutual aid assistance agreement can be utilized by the state's 46 counties. The system allows for firefighting and rescue resources to be effectively and efficiently moved throughout the state to assist during local, regional, and statewide disasters or emergencies.



FFMOB continues to prove to be a valuable resource during times of need for the state's fire service. During FY19, FFMOB was requested six times. One request, Hurricane Florence, became one of the largest and longest sustained deployments in the history of the program as the hurricane significantly impacted the SC coast and a few inland counties. Over all, FFMOB was deployed for nearly 30 days, sending more than 75 departments and more than 200 firefighters. Swift water rescue teams, firefighter man-power, tanker strike teams, and engine strike teams were sent during Hurricane Florence.

FFMOB also responded to: Greenville County for a winter storm, Lancaster County for line of duty death funeral coverage, Greenville County for a large area search, and Union County after insulation caught fire between an inner tank (and the outer shell) holding 2.1 million gallons of liquid asphalt (see photograph).

