

*WEST VIRGINIA
STATE FIRE COMMISSION
FY 2020 ANNUAL REPORT
KENNETH E TYREE JR
STATE FIRE MARSHAL*



www.FireMarshal.wv.gov



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From the State Fire Commission Chairman



WV STATE FIRE COMMISSION
Grant Gunnoe-Chairman
Doug Mongold-Vice Chairman
Ted Shriver- Secretary

Phone: (304) 558-2191

Fax: (304) 558-2537

OFFICE OF THE STATE FIRE MARSHAL
1207 Quarrier St, 2nd Floor
Charleston, WV 25301
www.firemarshal.wv.gov

October 1, 2020

The Honorable Jim Justice
Governor of West Virginia
State Capitol Building
Charleston, WV 25305

Dear Governor Justice,

On behalf of the members of the West Virginia State Fire Commission and in accordance with the West Virginia Code, I am pleased to submit to you the Annual Report of the WV State Fire Commission for FY 2020.

The support you have shown for the entire Fire Service of West Virginia, the State Fire Commission and the Office of the Fire Marshal is greatly appreciated.

Please do not hesitate to contact the Fire Commission if you have any inquires in the future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Grant Gunnoe", written over a white background.

Grant Gunnoe
Chairman



From the WV State Fire Marshal



Department of Homeland Security
Cabinet Secretary Jeff S. Sandy, CFE, CAMS
State Fire Marshal Kenneth E. Tyree, Jr.

Phone: (304) 558-2191

Fax: (304) 558-2537

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October 1, 2020

The Honorable Jim Justice
Governor of West Virginia
State Capitol Building
Charleston, WV 25305

Dear Governor Justice,

In compliance with the West Virginia Code, Chapter 5, Article 1, Section 20, the Annual Report for Fiscal Year 2020 of the West Virginia State Fire Marshal's office is hereby submitted for your review.

This report is a representative, but by no means complete, look at the myriad services provided to the citizens of West Virginia by the dedicated personnel of the West Virginia State Fire Marshal's Office.

Since 1909 the State Fire Marshal's Office has consistently increased its level of public service to the State of West Virginia through code inspections and enforcement, licensing and regulatory services, public fire education, fire investigations and many other duties.

This report in part reflects the efforts of West Virginia's fire departments and fire service organizations that represent full time career, volunteer and part-paid combination departments. It should not be forgotten that daily, these brave men and women are ready to give their lives protecting their communities from fire and other emergency incidents.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "K. Tyree, Jr.", written over a white background.

Kenneth E. Tyree, Jr.
West Virginia State Fire Marshal





WV STATE FIRE COMMISSION

Mission Statement

To provide, through leadership, the best possible fire prevention and life safety for our citizens by legislation, education, training, standards, and resource allocation.

Commission Representation

- 3 Members Full-Time Paid Firefighters
- 1 Member Full-Time Paid Fire Chief
- 3 Members Volunteer Firefighters
- 2 Members Volunteer Fire Chiefs
- 2 Members Business & Industry
- 1 Member Fire Insurance Industry
- 1 Member Registered Architects

Standing Committees

- Fire Department Services Committee
- Recruitment and Retention Committee
- Legislative, Codes, and Regulatory Committee
- Training Committee, Disciplinary Committee
- Operations Committee

Fire Commission Officers

Chairman: Grant Gunnoe
Represents: Paid Firefighters
Term Expires: June 30, 2024

Vice-Chairman: Doug Mongold
Represents: Volunteer Firefighters
Term Expires: June 30, 2023

Secretary: Ted Shriver
Represents: Architects
Term Expires: June 30, 2022

Fire Commission Members



Dave Camp

Dave represents the Fire Insurance industry in West Virginia and was appointed on the Fire Commission by Governor Earl Ray Tomblin in 2014. He is an insurance agent with Bill Bailey Insurance Agency / VFIS of WV. Mr. Camp has more than a decade of experience in the Fire Service specializing in Safety, Education, Training, Risk Analysis and Loss Control Practices. He holds the Certified Professional Insurance Agent (CPIA) designation and a Bachelor of Science degree in Marketing and Management from Davis & Elkins College.



Edward J. George

Edward was appointed to the State Fire Commission by Governor Jim Justice in June of 2018. He was appointed to represent Business and Industry. Edward is a partner in the law firm of Dinsmore & Shohl LLP where his practice is extensive and involves matters affecting manufacturing, waste transportation and disposal, and the pyrotechnics industry. Edward's career also includes past service as a metro-Philadelphia firefighter.



Carl Eastham

Carl was appointed to the State Fire Commission by Governor Tomblin in 2015 to represent the Paid Fire Chiefs. Carl started his service with the City of Huntington, in July 1985 where he rose through the ranks until retiring February 2017 as Fire Chief. He has served as President of the Huntington Professional Fire Fighters (20yrs), Secretary & Treasurer of the Professional Fire Fighters of West Virginia (10yrs) and President of Tri-State District Labor Council (6yrs). He also has served as the Emergency Services Director for the City of Huntington, a fire service instructor and was a founding member, then team leader of WV Region 3 Haz/Mat Response Unit. He currently holds an Associate degree in Occupational Development from MCTC with an emphasis in Firefighting and Fire Safety.



Doug Estep

Doug was appointed to the State Fire Commission by Governor Tomblin in 2015. Doug was sworn in as Fire Chief of the Morrisvale Volunteer Fire Department in August of 1982. Chief Estep has served as Chief of the department while also maintaining a career as a Heavy Equipment Mechanic at Hobet Mining. He retired from mining in 2013 with 38 years of service. Chief Estep is a certified Fire Officer along with being a certified Fire Instructor 2 for WVU Fire Service Extension. He specializes in teaching rural firefighting tactics.



Grant Gunnoe

Grant represents the Paid Firefighters in West Virginia and was appointed on the Fire Commission by Governor Earl Ray Tomblin in 2010. After graduation from High School Grant worked in the Communications Center for the Charleston Police Department and then as a Paramedic for the Charleston Emergency Ambulance Service until beginning a 28-year career with the Charleston Fire Department. In 2002 he was promoted to Chief of the Department. Grant retired in May of 2006 to assume the position of Director of Emergency Management and Homeland Security for the City of Charleston until he retired in April of 2019.



Phil Hart

Phil was appointed by Governor Tomblin in 2016 to the Fire Commission to replace the late Gary Bonnett. Phil represents the volunteer Fire Chiefs. Phil has been a member of the Belington Volunteer Fire Department since 1978 and has been the Fire Chief since 2010. Since 1989 Phil has been employed with the City of Bridgeport Fire Department as a Firefighter/Paramedic and he has held many offices throughout his career. June of 2016 he was appointed Fire Chief of the combination department.



Jim Oldaker

Jim was reappointed to the State Fire Commission by Governor Tomblin in 2015. Jim is a 40-year member of the International Brotherhood of Electrical Workers, Local 466, Charleston, WV, AFL/CIO. He is currently employed by The Summit Electric Group as a Foreman. Jim is a 43-year member of the Alum Creek Volunteer Fire Department and has served 36 years in the position of Fire Chief. Jim is involved with and serves on many associations. Jim represents the Volunteer Firefighters.



Thomas Keefer

Tom was appointed to the State Fire Commission by Governor Manchin in 2009. He represents the Business and Industry interests for the Commission. Tom began his career at the DuPont, Belle, WV facility in the Project Engineering Group in May 1974. Tom was a DuPont / Chemours HAZMAT responder since 1976 with extensive experience in process safety, safety, security, hazardous material distribution, emergency response, and incident command.



Doug Mongold

Doug was appointed to the State Fire Commission by Governor Manchin in 2010. Chief Mongold represents the volunteer firefighters. He currently serves as Fire Chief of the Moorefield Volunteer Fire Company a position he has held for 22 years. Chief Mongold is past President of the WV State Firemen's Association and is currently serving on the executive committee. Chief Mongold is also is currently Vice-chair of the local LECP board.



Ted Shriver

Ted was appointed to the State Fire Commission by Governor Manchin in 2009 and represents the West Virginia Society of Architects. While the position is stated as the representative of the architects, he represents all design professionals. As Chairman of the Commission's Code and Regulatory Committee, he has been a part of updating the rules for the State Fire Code, the State Building Code, the Code Officials, and the Certification of Home Inspectors.

He earned an Engineering Technology Degree from Fairmont State College in 1979 and obtained licensure in 1995 to practice architecture.



Virgil 'P-nut' White

Virgil "P-nut" White is a 33-year veteran of the Fire Service and was appointed by Governor Machin to the State Fire Commission in 2009. Virgil began his career in 1986 with the Lewisburg Fire Department and in 1993 became employed by the South Charleston Fire Department. In his 27 years of service, he has risen through the ranks up to his current rank of Fire Chief. Virgil has always had a strong passion for the fire service and other public safety. He has 32 years' experience as a paramedic and as a 911 telecommunicator. He currently holds an Associate and a bachelor's degree in Fire Science from West Virginia State University and a master's degree in Emergency Management from Anna Maria College. He also has over 22 years of service as a Fire Service Instructor.



Mark Stroop

Mark was appointed by the Governor in 2018. He has served the City of Martinsburg as a career fire fighter since 1995 and like many fire fighters he started as a volunteer. He served in the West Virginia Air National Guard which included a Dessert Storm deployment. He has been a certified Emergency Medical Technician for over 31 years and has attained and maintained his DOD and NFPA fire service inspector, instructor, and fire officer. It is his pleasure to be involved with the education of our youth in the public-school system for over 21 years thru the community education and outreach program that is designed to teach fire safety and prevention.

State Fire Marshal's Projects and Programs



West Virginia Fire Death Reduction and Public Education

Even with the impact that Covid-19 has placed on the agency; the public education section continues to develop and deliver public service announcements that are delivered around the state. We continue to educate the public about the many aspects of fire safety through various programs such as providing and supporting smoke alarm installations. We are also continuing our work on a statewide Community Risk Reduction program which is an integrated approach to balance emergency response capabilities with proactive measures that work together to reduce risk and loss in communities.

Technology and Efficiency

The State Fire Marshal along with staff is in the process of building the infrastructure and implementing a software management system to implement greater information technology (IT) enhancement within the agency for improved efficiency when it comes to every division's specific responsibilities for streamlining job performance, record keeping, invoicing and their accounts receivable system within the Fire Services Division and the Inspection Division.

Goals/Objectives/Performance Measures

Reduce the number of arson injuries, deaths, and property losses statewide by increasing attention to community risk reduction, public safety education, and arson awareness throughout West Virginia via state fire data reporting, increased public safety program offerings, the West Virginia Arson Hotline, and radio public service announcements. Also, increase process efficiencies to our License Management system, the Plans Review and Inspection programs, and statewide fire data collection.

- We continue the delivery of media messages referencing general fire safety practices, arson awareness, and other pertinent public safety information via television, public service announcements, radio interviews, billboards, social media and the agency's website.

Reduce the number of preventable unintentional fire-related injuries and deaths, as well as property loss, in the state.

- Restrict the number of fire deaths statewide to 50 or less.

Fiscal Year	Fire deaths in West Virginia
Actual 2017	70
Actual 2018	56
Estimated 2019	50
Actual 2019	43
Actual 2020	43
Estimated 2021	<40

- Inspect and issue certificate of occupancy to West Virginia health care facilities, educational facilities, detention facilities, and other licensed occupancies.*Covid-19 has caused negative impact on inspection rate percentages.

Fiscal Year	Facilities inspected annually
Actual 2017	65%
Actual 2018	70%
Estimated 2019	75%
Actual 2019	81%
Estimated 2020	75%*
Estimated 2021	75%*

- Enhance public outreach and networking with fire departments and other stakeholders with fire safety education through classroom and online resource training and by providing fire safety and prevention messaging via Facebook and Twitter.

Enhance efforts to assist outside agencies in promoting and sustaining smoke alarm programs for all West Virginians especially high-risk fire groups such as seniors and people with disabilities.

- Provide training assistance on smoke alarm installation, fall prevention, distribution and tracking programs to agencies offering home-based services to high-risk consumers, and to community organizations providing services to seniors and others with disabilities.

Promote and provide educational resources to the public pertaining to fire safety with an increased awareness in all areas, including water-based fire protection for residential and commercial use.

- Ensure the public is provided messages pertaining to fire safety and the use of passive- and active-fire protection systems via billboard, radio, television, the web, social media, and press releases.

Improve the efforts of the State Fire Marshal’s Office to support fire departments.

- Continue to develop online reporting tutorials and data analysis for the agency website in FY 2020.
- Continue the implementation of the fire data analysis class delivery to all West Virginia fire departments in need of training through FY 2020 via virtual and conference call delivery formats.
 - Evaluated and assisted on a limited basis, West Virginia fire departments in obtaining recertification during FY 2020.
- Continue the second five-year rotation for the evaluation of all fire departments to ensure compliance with the Fire Commission Legislative Rule in FY 2020.

Personnel Listed by Division

Administration Division

State Fire Marshal	Kenneth E. Tyree
Chief Deputy State Fire Marshal	Robert S. Sharp
Administrative Secretary	Kathryn Burns
Administrative Services Assistant I	Courtney Aston
Public Information Specialist II	Courtney Rosemond
Public Information Specialist I	Timothy Rock

Fire Services Division

Deputy State Fire Marshal	Dave Blaylock
Administrative Service Assistant I	Kathryn Wolfe
Assistant Fire Marshal I	Bradley Scott
Administrative Services Assistant I	Kayla Burns
Data Analyst I	Alice Morrison
Regulatory and Licensing Support Specialist II	David Cobb
Regulatory and Licensing Support Specialist II	Caylee Slack
Regulatory and Licensing Support Specialist II	Jody Zinn

Fire Inspection & Plans Review Division

Deputy State Fire Marshal

Allan Casto

Assistant State Fire Marshal III

Bryan Casto

Jeff Armentrout

John Oliver

Assistant State Fire Marshal II

Timothy Provaznik

Doug Gregory

Terry Rinehart

Nevin Kilmer

Mark Stewart

Bobby Palmer

Shawn Petry

John Holben

James Lewis

Ronald Williams

Assistant State Fire Marshal I

Timothy Mouse

Leonard Price

Everett Chapman

Stephen Morrison

James Owens

Assistant State Fire Marshal in Training

Richard Hacker

Lemarr Maynard

Fire Safety Plans Examiner Supervisor

Clyde Cummings

Fire Safety Plans Examiner II

Jennifer Price

Secretary I

Dawn D. Owens

Office Assistant II

Monica J. Ingram

Office Assistant II

Sarah Robinette

Fire Investigation Division

Deputy State Fire Marshal

Assistant State Fire Marshal III

Assistant State Fire Marshal II

Assistant State Fire Marshal I

Secretary I

Jason D. Baltic

George A. Harms

Robert S. Rodes, II

Shawn Alderman

Ronald Ayersman

Tim Chastain

Paul Alloway

Larry Hamrick

Justin England

Ryan P. McFarland

Rick Sovastion

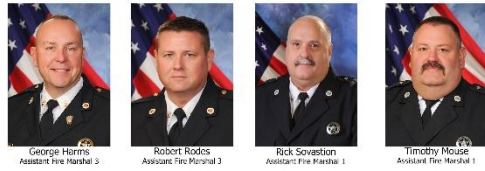
Joseph Vacchio

Valerie J. Carpenter





West Virginia State Fire Marshal 2019



Administration Division

Introduction

This Division is comprised of two sections. Administration and Public Education. Administration is responsible for day to day operations while Public Education keeps the public sector informed and educated regarding fire safety.

Staff

Chief Deputy Fire Marshal	Robert Sharp
Administrative Secretary	Kathryn Burns
Administrative Services Assistant I	Courtney Aston
Public Information Specialist II	Courtney Rosemond
Public Information Specialist I	Tim Rock

Administration Section

Fiscal Year 2020 certainly arrived with a new set of challenges and Administration had to adapt as necessary. As with so many State agencies Covid 19 has kept Administration busy as we traverse these new waters. We thank the Administrative Services staff (DAS) at Homeland Security for their help and guidance during this difficult time.

The Administration Division in conjunction with DAS is responsible for procurement, accounting, personnel, payroll, cash management, fringe benefits, personnel records management, FOIA requests, Fire Commission meetings, development of the annual report, website management, and fixed assets.

Procurement

The administrative staff along with DAS are responsible for the procurement of all goods and services integral to the day-to-day operations of the West Virginia State Fire Commission. In doing so, every effort is extended to ensure that equipment, supplies and services obtained are of the highest quality available. These items are obtained either by statewide contracts, internal resources, or by means of competitive bids solicited from reputable vendors who are registered to do business with the State of West Virginia.

Personnel

Daily activities for the office include working with DAS to ensure the completion of all personnel transactions for agency new hires, transfers, separations, reallocations, leave of absences, and promotions. Administration is also responsible for job postings, managing employee leave, and overseeing worker's compensation claims. This division strives to ensure that the agency is following all state and federal employment regulations.

Accounting

Administration is responsible for all revenue and expenditure transactions which includes payroll, travel, vendor payments, cash deposits and refunds, fringe benefits plan maintenance, and preparation of and expenditure monitoring of the annual operating budget.

Freedom of Information Act (FOIA) Requests

Administration receives, tracks, and monitors all agency Freedom of Information Act (FOIA) requests. The Administration Division received two hundred eighty-four (284) FOIA requests last year. Examples of common information requested include Investigation Reports, Inspection Reports and Incident reports from fire departments. Once a request is received, it is distributed to the appropriate internal and external employees for further processing. The Administrative personnel are responsible for invoicing and mailing responsive documents.



Training

Personnel must stay current on all agency, state, and federal policies. To do so the administrative staff attends many hours of training each year. Most recently training has been in the On-Line format due to Covid 19 restrictions.

Public Education Division

Introduction:

Public Education is responsible for duties that include, but are not limited to: the development and implementation of public fire and life safety programs and activities statewide; developing a community risk reduction program, smoke alarm initiative, and a West Virginia Public Education Network; Fire and Life Safety School; fire safety resources and public information; and the administration of the Fire-Safe Cigarette certification program for tobacco manufacturers.

The Public Education Division works to build strong partnerships and implement action plans around the state with agencies and organizations who will help spread fire prevention initiative and safety.

Through data evaluations we are identifying our high-risk geographic areas and population. Analyzing this information will better target the community risk reduction plan and allow for the best programs and practices.

Partnering with local fire departments, the goal is to provide resources to assure that all residential structures have working smoke alarms.

Staff

Divisional Director (Chief Deputy Fire Marshal)

Robert Sharp

Public Information Specialist II

Courtney Rosemond

Public Information Specialist I

Tim Rock

Objective:

The Public Education Division promotes programs that aim to reduce loss of life and property through education, including but not limited to, the following:

- Fire and injury prevention for all groups, including high-risk (seniors, people with disabilities, young children)
- Train-the-trainer instruction in public fire/life safety education for firefighters and other emergency responders
- Fireworks law and safety for general audiences
- Smoke alarm education and distribution programs
- Fire safety and emergency planning for public facilities
- Public speaking for civic, governmental and advocacy organizations
- Participation in health and public safety fairs/seminars, and career days
- Membership and active participation in health/safety organizations
- Press conferences, TV, radio interviews, media promotion of fire safety and related topics
- Coordinating loan and distribution of educational materials to fire departments, safety groups, schools, businesses, and the public

Special Projects:

WV State Fire Marshal's Office Anniversary: July 15th, 2019 marked the 110th anniversary of the WV Fire Marshal's Office as an agency. Leading up to the celebration of the agency's inception, a historical publication was researched, interviews were conducted, and data was gathered. The 120 plus page publication is a history of the office over the course of the last 110 years. The book includes biographies from each of the 19 fire marshals, past staff, programs and large-scale investigations as well as sections on duty weapons, uniforms and badges.

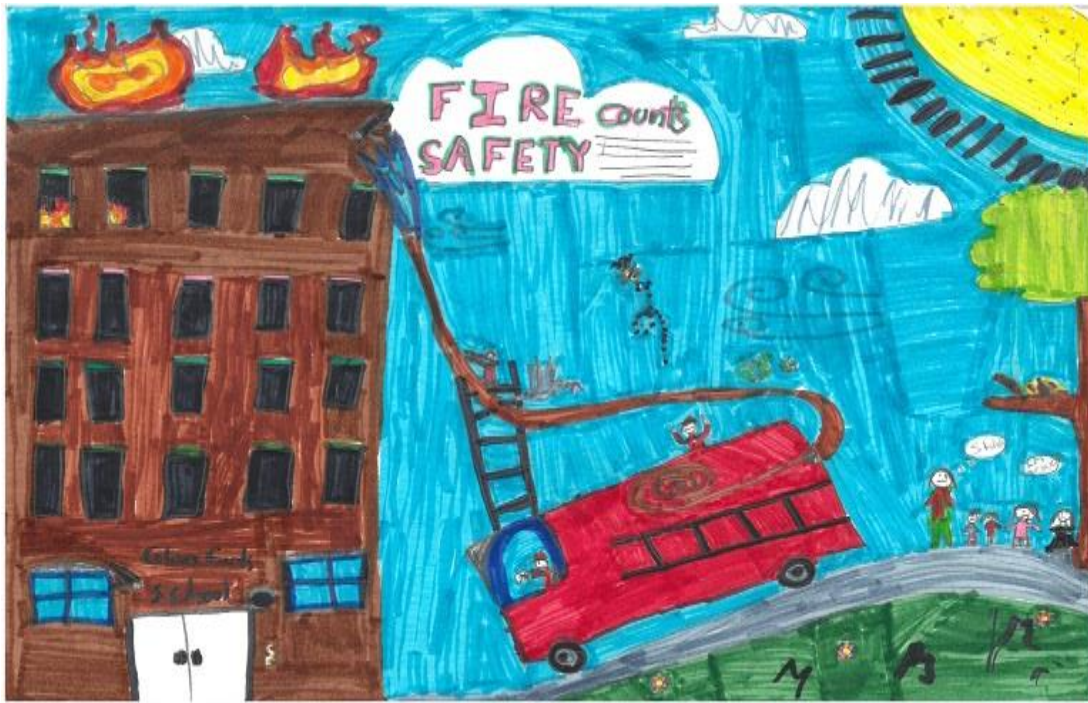
110th Anniversary Dinner: In October of 2019 the office held a dinner for all present and past employees and their families in honor of the 110th anniversary. Former marshal Walter Smittle was in attendance, as well as representatives from the Department of Military Affairs and Public Safety. A video history of the office was shown and memorabilia from the past was on view.

110th Anniversary Book: A book on the history of the WVSFMO, written and edited by Timothy Rock, Courtney Rosemond and Bob Sharp, was completed and sent to publisher Bill Clements at the West Virginia Book Company. The hardbound book is expected to arrive by fall of 2020 and be given to all past and present employees and sent to various libraries and universities across the state.



Fire Safety Poster Contest – The fourth annual State Fire Marshal Fire Safety Poster Contest took place during the 2019 school year. The contest is an opportunity for elementary school-age students to learn about fire safety education. The research undertaken by the students on fire prevention and fire safety will be of great benefit to the lives of the students, their families, and their communities. This contest recognizes students who demonstrate an understanding of the issues related to fire safety.

In 2019, the agency received a total of 75 submissions from all over the state. Students in grades K-5th designed fire safety messages judged by DMAPS Cabinet Secretary Jeff Sandy, Deputy Secretary Thom Kirk, Special Assistant to the First Lady Katie Speece and State Schools Communications Coordinator Christy Day. The poster submissions are made into safety calendars that are distributed to the winners, schools and fire departments. The winner of the contest and the 11 honorable mentions are visited by the Fire Marshal where they are recognized and given a plaque for their hard work.



2019 Safety Summit: Due to the Covid-19 virus restrictions, the 2019 Safety Summit was cancelled.

Social Media: Keeping in touch with the public and media outlets is vital in these times and the social media pages for the WV SFMO have continued to grow. In 2019/2020 the followers of the agency on Facebook numbered almost 11,000 and Twitter followers numbered 4,200. Some breaking news stories, such as arson fires and firefighter deaths, reached over 60,000 people on the Facebook page, while fire safety messaging such as the bi-annual “Change Your Clocks, Change Your Batteries” post reached over 53,000 Facebook viewers.

Length Of Service Appreciation Challenge Coins: For the past several years this agency has sent out challenge coins to our state’s volunteer firefighters upon their reaching specific levels of service to their departments. The levels of service coins are for firefighters marking their 5th, 10th, 15th and 20th and above years of service. This year the submissions for the coins to our office became easier, as an online portal and in-house database for tracking became available, thanks to Fire Services data expert Alice Morrison. It has enabled fire departments to easily and efficiently submit those eligible for coins and for the public education office to easily and efficiently send them out to the deserving recipients.

Jr. Firefighter Camp: The 2019 Annual Jr. Firefighter Camp was also cancelled this year because of the covid virus.

Miscellaneous Projects:

- State Representative for National Fire Protection Association (NFPA)
- State Representative for Vision 20/20 Fire Strategies for Fire Loss Prevention
- Administrator of all social media interactions.
- Implementation of smoke alarms in homes
- TV, Radio and Newspaper Interviews (taped and live)

- Press Releases to television and radio stations, newspapers, fire departments and State agencies
- Coordinated SFMO participation at safety/health fairs/expos.
- Taught at Paducah, KY Fire School
- Gave instruction in Community Risk Reduction at RESA's eSCAPE2019
- Coordinated smoke alarm installs with St. Albans Fire Department.
- Participated in WV Office of EMS Children's Advisory Board task force.
- Assisted in coordinating seminars for civilian fire wardens, fire service and code enforcement.
- Participated in Child Fatality Review Board meetings.
- Testing certifications issued to tobacco manufacturers under the Fire Safe Cigarette Certification program.

(Note: the Covid virus crisis has made much of the normal school visits, fire schools and other in-person education opportunities impossible from March of 2019 on; it is hoped that they may resume once the crisis has passed.)



Courtney Rosemond: In February of 2020 our Public Information Specialist II, Courtney Rosemond, moved on from this office to another job outside of state government. She had been with the WVSFMO since fall of 2015 and had been responsible for bringing the public information, education and community risk reduction aspects up-to-date.

Fire Services Division

The Fire Services Division consists of two sections, Licensing and Regulatory, and Fire Department Services. Both play an important role in the operation of the Fire Marshal's Office.

Staff

Deputy State Fire Marshal	Dave Blaylock
Assistant Fire Marshal I	Bradley Scott
Administrative Services Assistant II	Kathryn Wolfe
Data Analyst I	Alice Morrison
Administrative Services Assistant I	Kayla Burns
Regulatory and Licensing Support Specialist II	David Cobb
Regulatory and Licensing Support Specialist II	Caylee Slack
Regulatory and Licensing Support Specialist II	Jody Zinn

Regulatory and Licensing Section

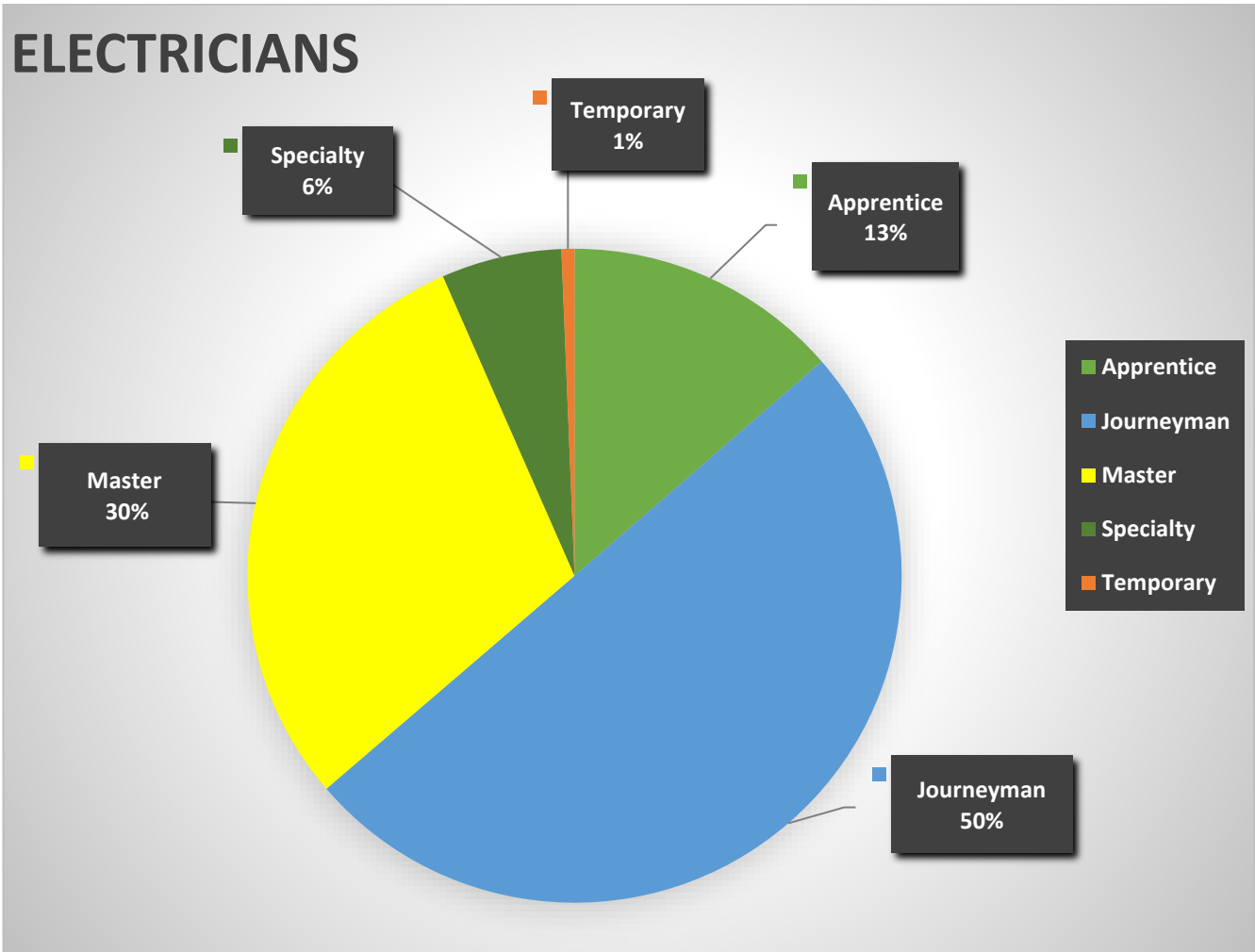
OBJECTIVE

Our mission as the Regulatory and Licensing Division is to ensure that the citizens of West Virginia have a safer standard of living. We provide the general public and our licensures with information concerning state laws and regulations as pertaining to the 7 programs and over 50 licenses/permits issued through the West Virginia State Fire Marshal's Office.

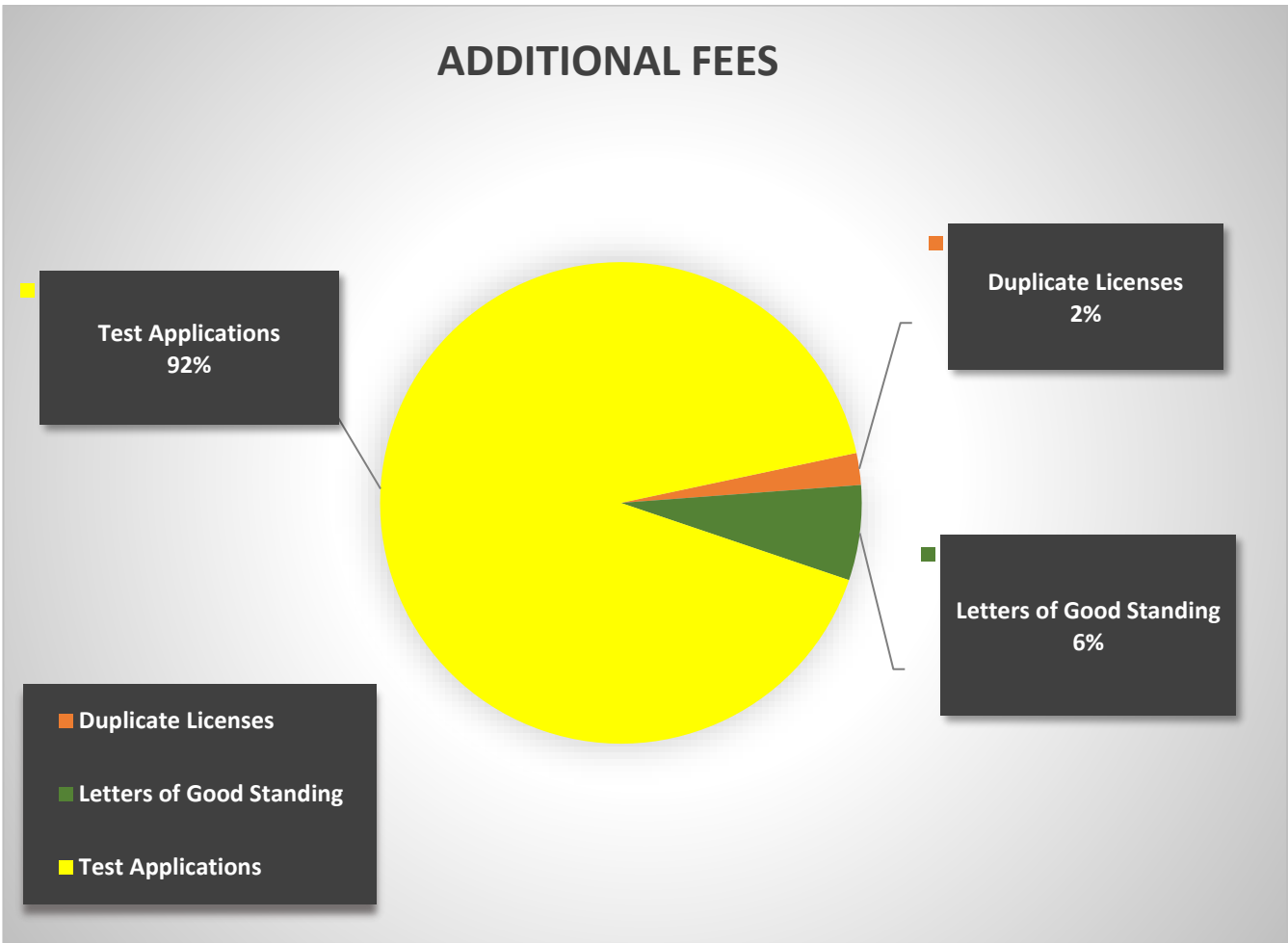
INTRODUCTION

The division regulates and issues licenses to over 18,500 individuals on a yearly basis. Our staff is committed to validating each individual applicant to ensure they meet the proper guidelines and background requirements as set forth by the state prior to securing a position to sit for testing and issuing a license or permit. Our office is responsible for the proctoring of Electrical Exams in various locations throughout the state. In addition to licensing, the office is responsible for the issuance of permits for the fireworks and explosives industry.

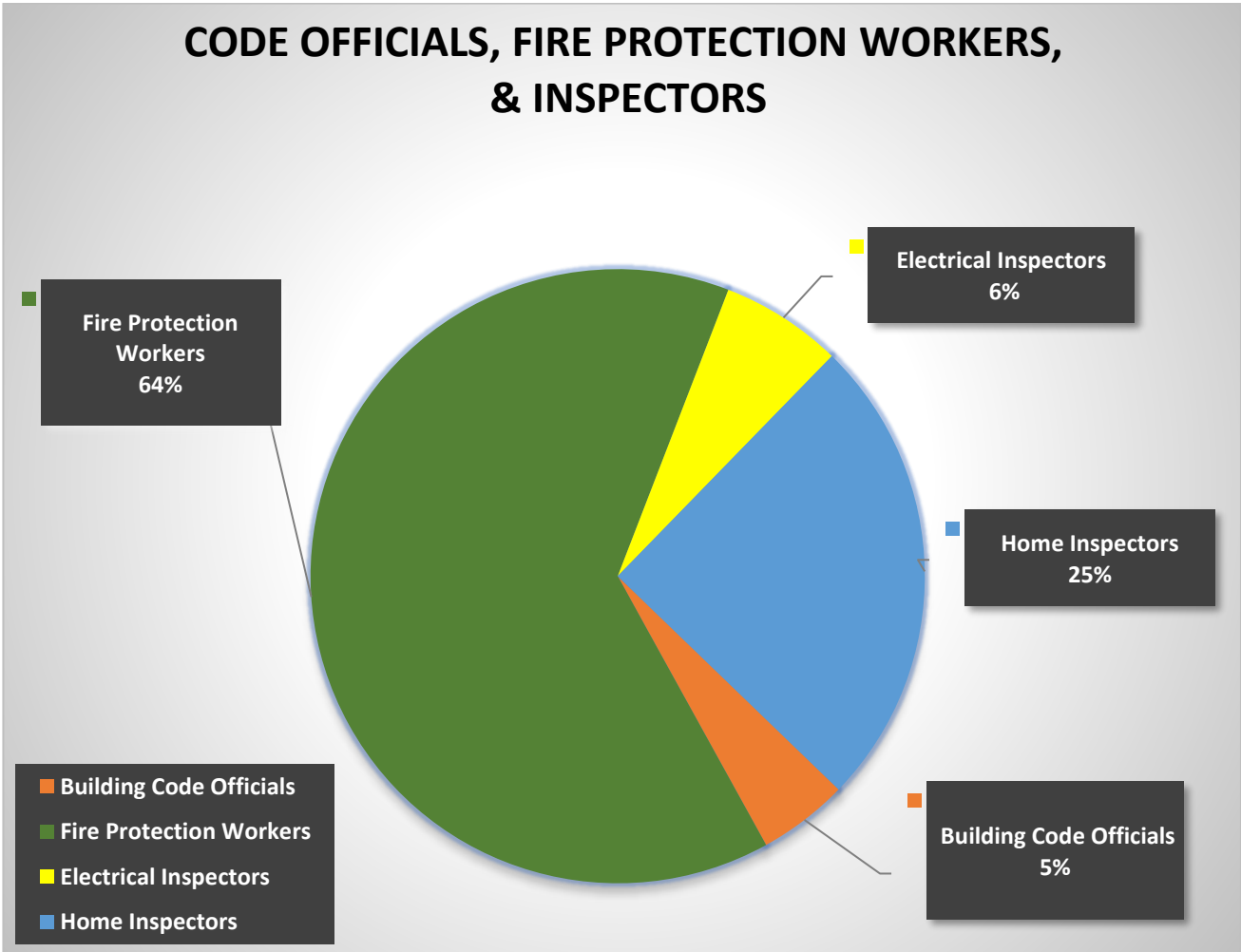
ELECTRICIANS		
License Type	Number Issued	Total Fees Collected
Apprentice	2,246	\$121,400.00
Journeyman	8,252	\$449,530.00
Master	4,895	\$256,375.00
Specialty	980	\$51,460.00
Temporary	106	\$3,100.00
TOTAL	16,479	\$881,865.00



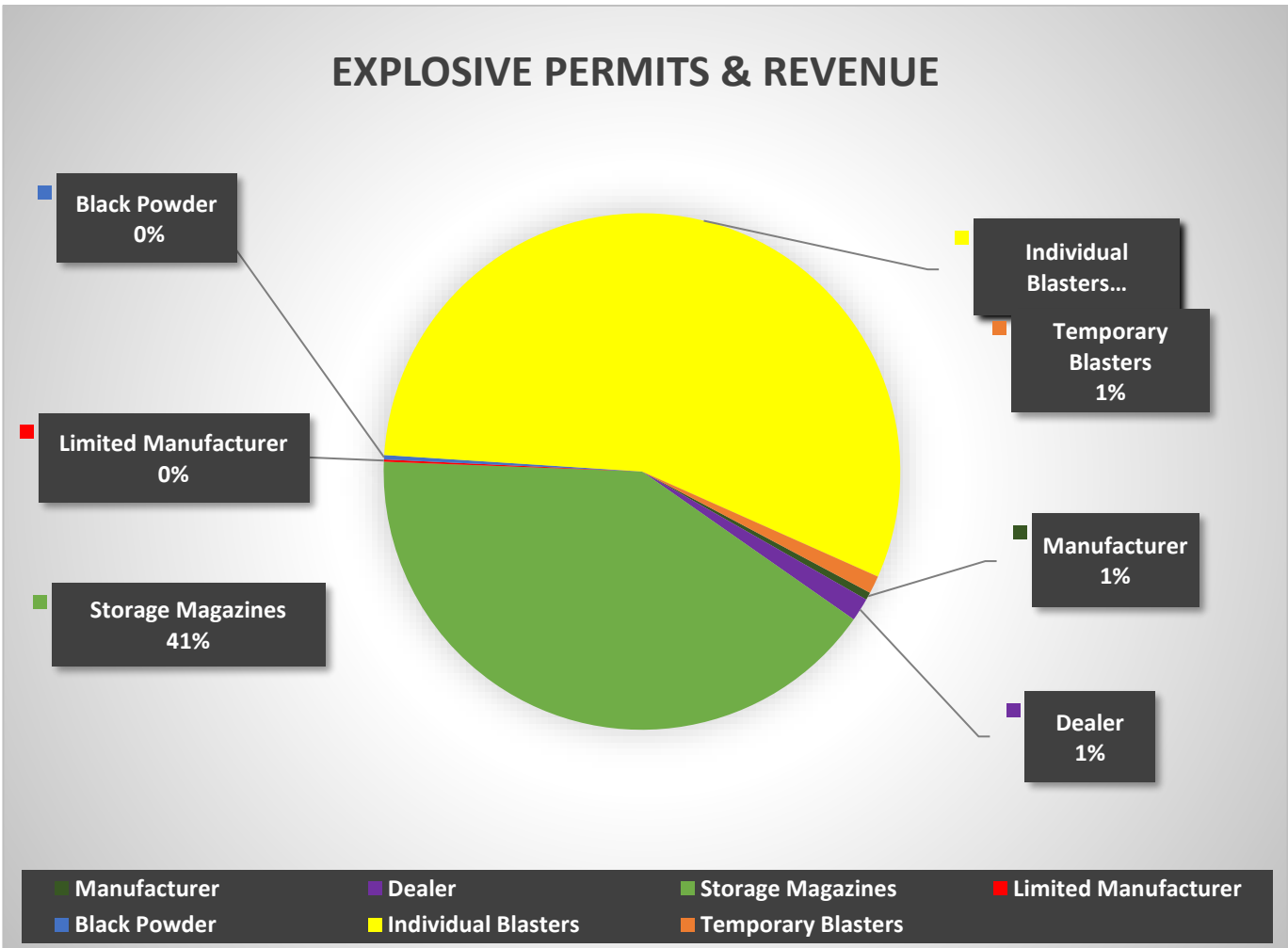
ADDITIONAL FEES		
Type	Total Number	Total Fees Collected
Duplicate Licenses	50	\$515.00
Letters of Good Standing	149	\$3,815.00
Test Applications	2134	\$34,485.00
Total	2333	\$38,815.00



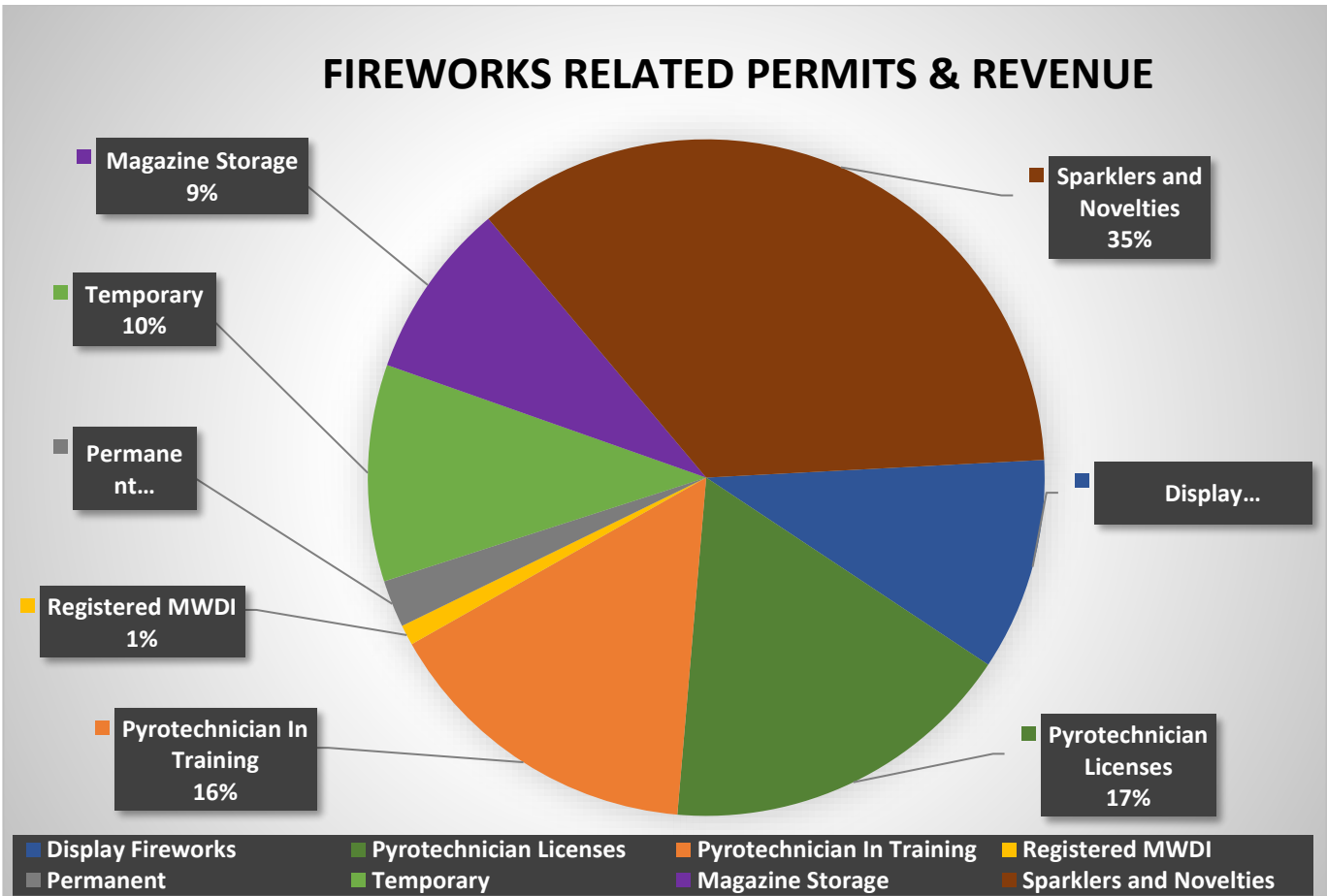
CODE OFFICIALS, FIRE PROTECTION WORKERS, & INSPECTORS		
License Type	Number Issued	Total Fees Collected
Building Code Officials	40	\$3,450.00
Fire Protection Workers	538	\$57,450.00
Electrical Inspectors	54	\$5,700.00
Home Inspectors	210	\$23,950.00
Total	842	\$90,550.00



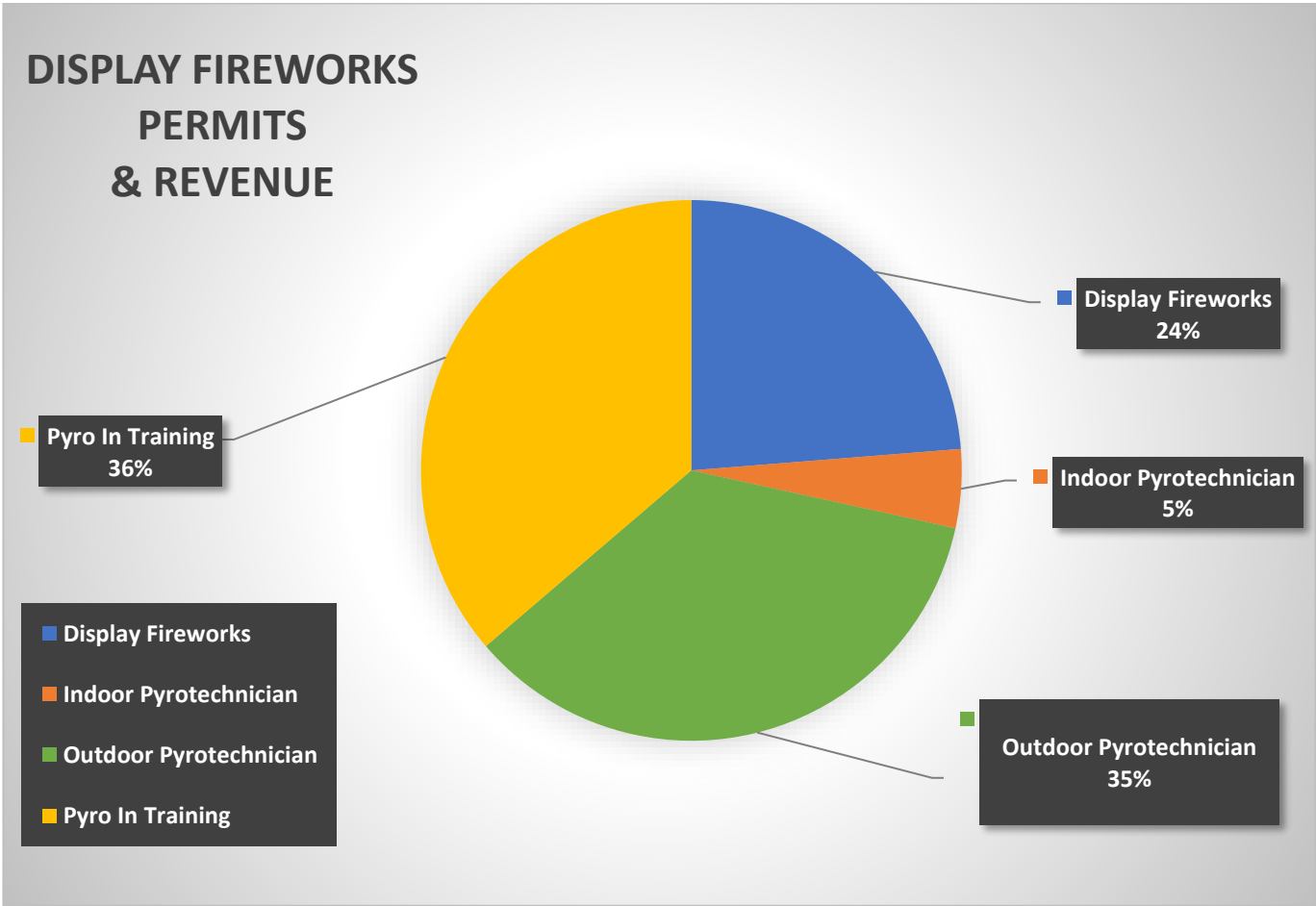
EXPLOSIVE PERMITS & REVENUE		
Type of Permit	Number Issued	Total Fees Collected
Manufacturer	7	\$7,040.00
Dealer	21	\$10,620.00
Storage Magazines	593	\$62,060.00
Limited Manufacturer	2	\$540.00
Black Powder	4	\$200.00
Individual Blasters	807	\$48,840.00
Temporary Blasters	16	\$1,385.00
Total	1450	\$130,685.00



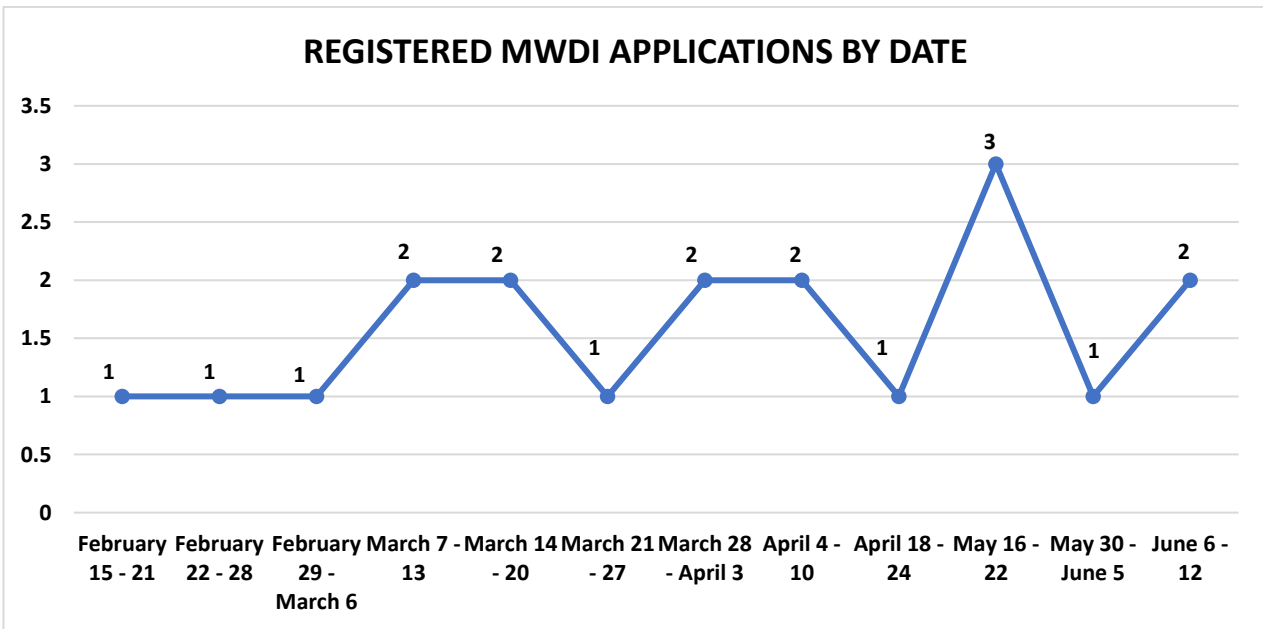
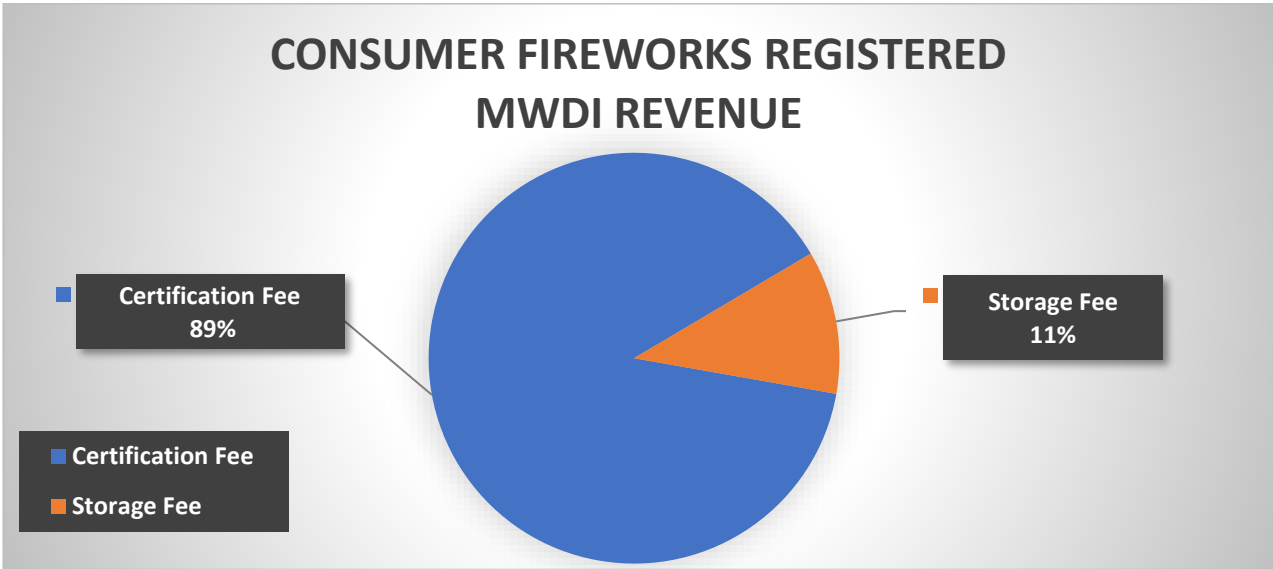
FIREWORKS RELATED PERMITS & REVENUE		
Type of Permit	Number Issued	Total Fees Collected
Display Fireworks	198	\$16,540.00
Pyrotechnician Licenses	332	\$6,740.00
Pyrotechnician In Training	301	\$6,050.00
Registered MWDI	19	\$10,220.00
Permanent	44	\$45,760.00
Temporary	202	\$109,080.00
Magazine Storage	165	\$16,500.00
Sparklers and Novelties	688	\$10,320.00
Total	1949	\$221,210.00



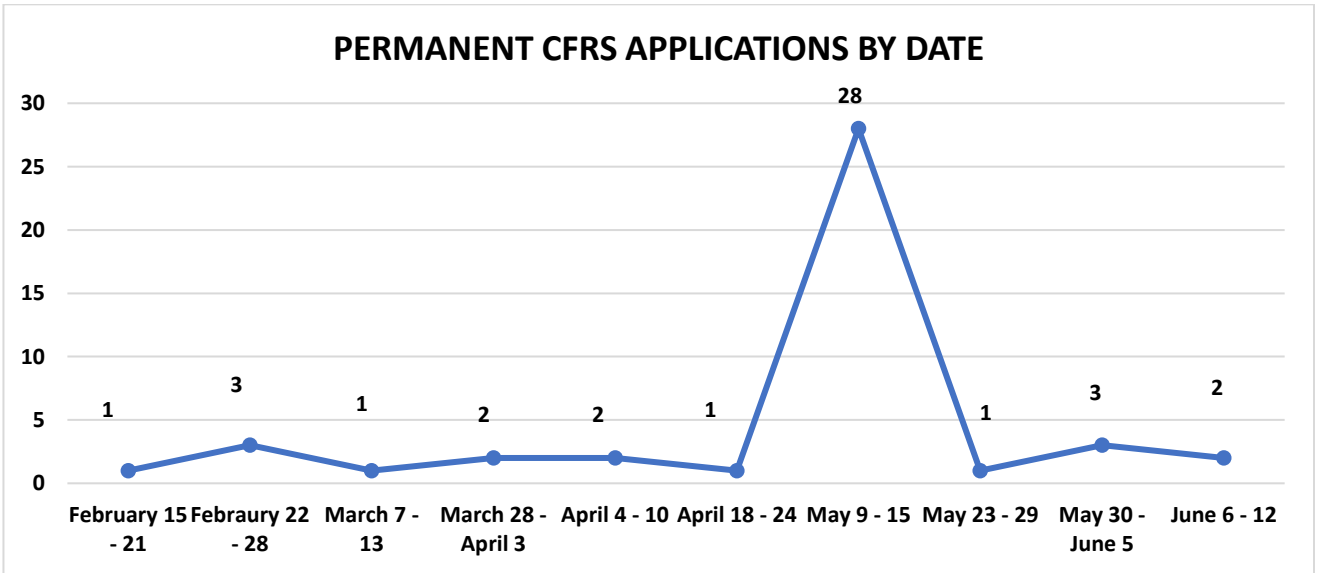
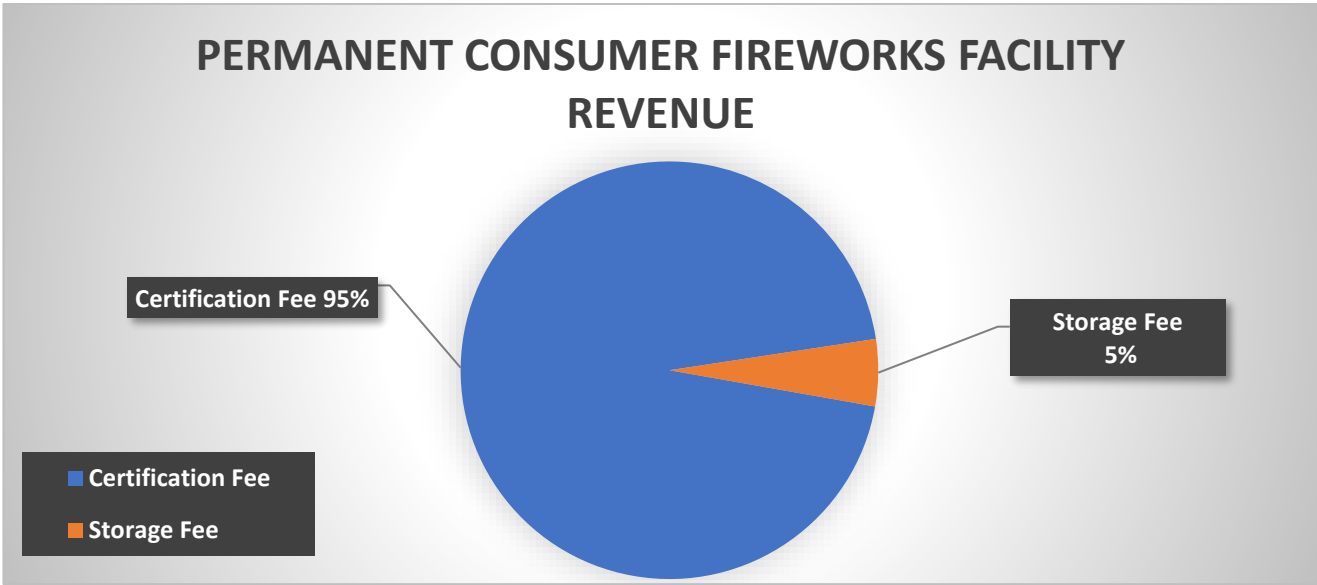
DISPLAY FIREWORKS PERMITS REVENUE		
Type of Permit	Number Issued	Total Fees Collected
Display Fireworks	197	\$16,450.00
Indoor Pyrotechnician	39	\$860.00
Outdoor Pyrotechnician	293	\$5,880.00
Pyro In Training	301	\$6,050.00
Total	830	\$29,240.00



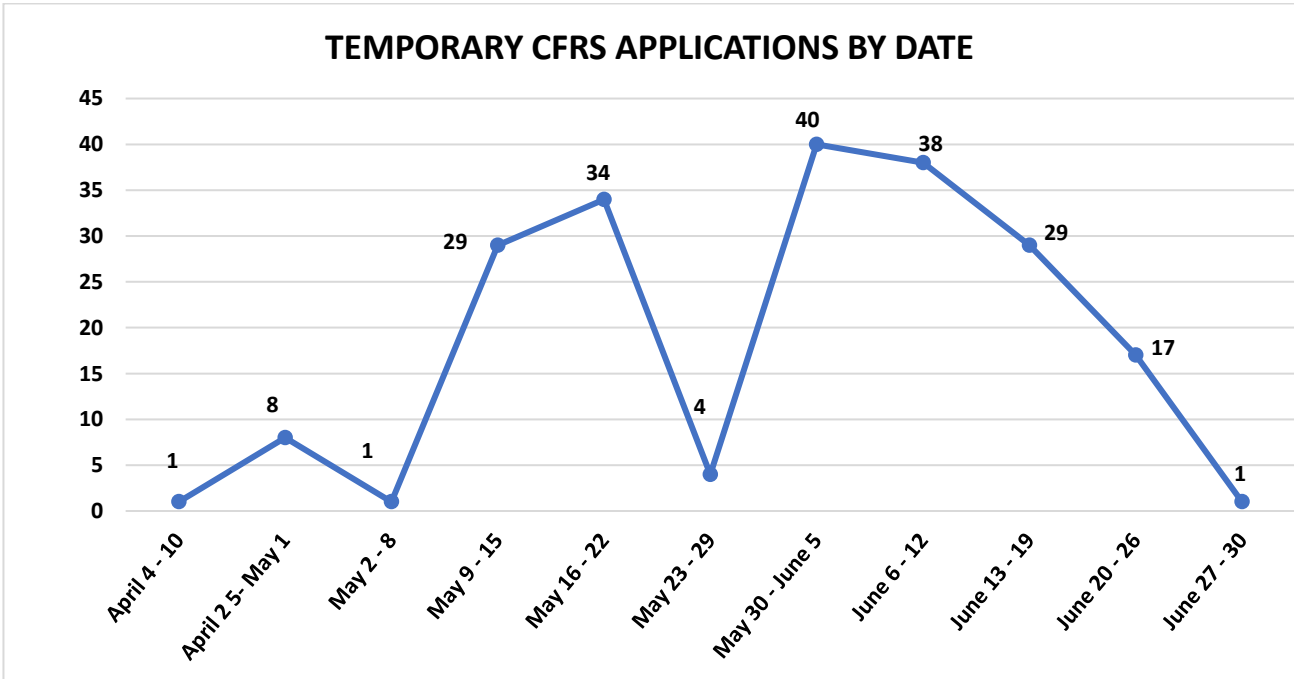
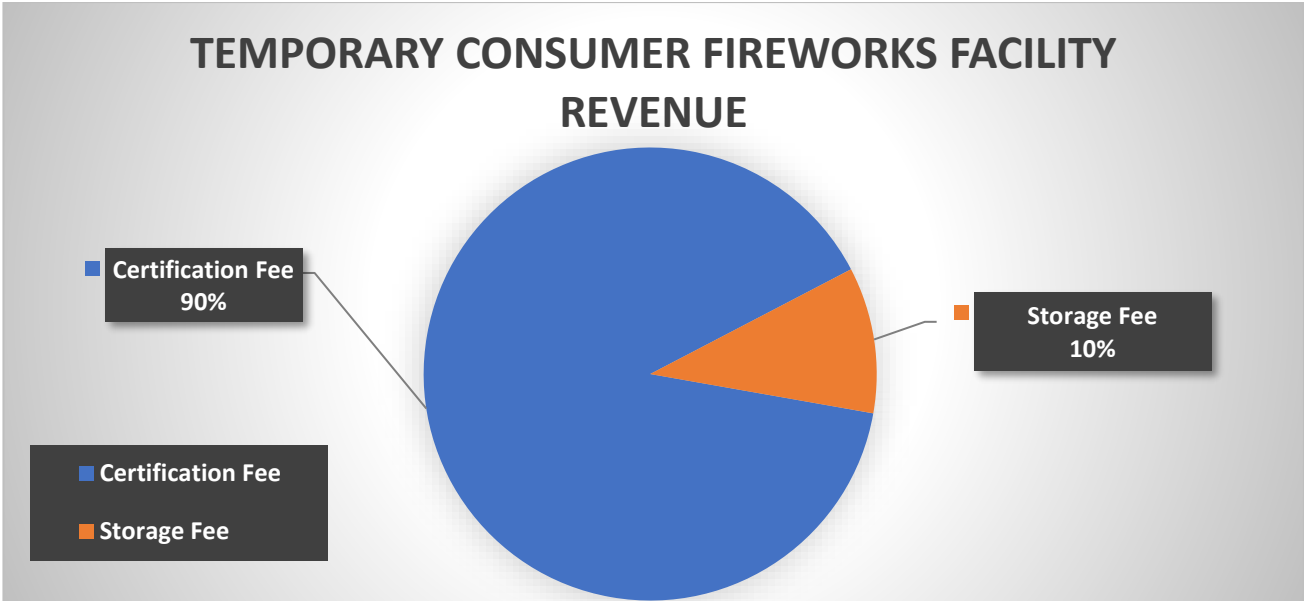
CONSUMER FIREWORKS REGISTERED MWDI REVENUE	
Type of Fee	Total Fees Collected
Certification Fee	\$10,220.00
Storage Fee	\$1,300.00
Total	\$11,520.00



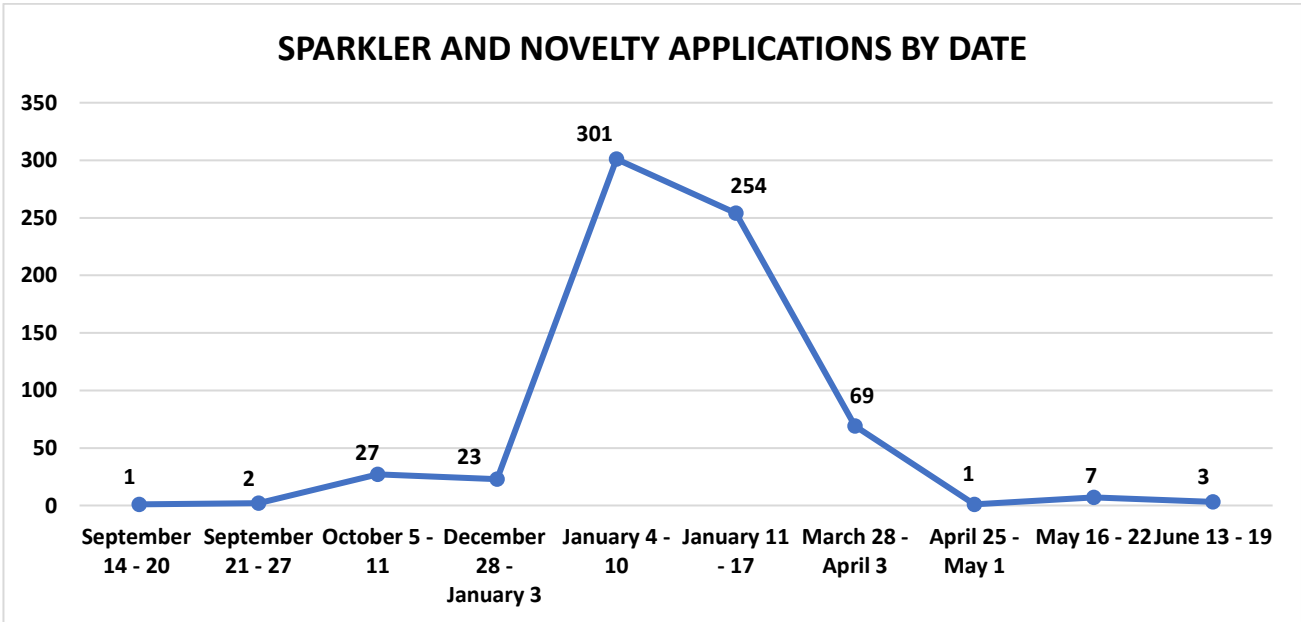
PERMANENT CONSUMER FIREWORKS FACILITY REVENUE	
Type of Fee	Total Fees Collected
Certification Fee	\$45,760.00
Storage Fee	\$2,500.00
Total	\$48,260.00



TEMPORARY CONSUMER FIREWORKS FACILITY REVENUE	
Type of Fee	Total Fees Collected
Certification Fee	\$109,080.00
Storage Fee	\$12,700.00
Total	\$121,780.00



SPARKLER AND NOVELTY REVENUE	
Certification Fee	\$10,320.00



Fire Department Services Section

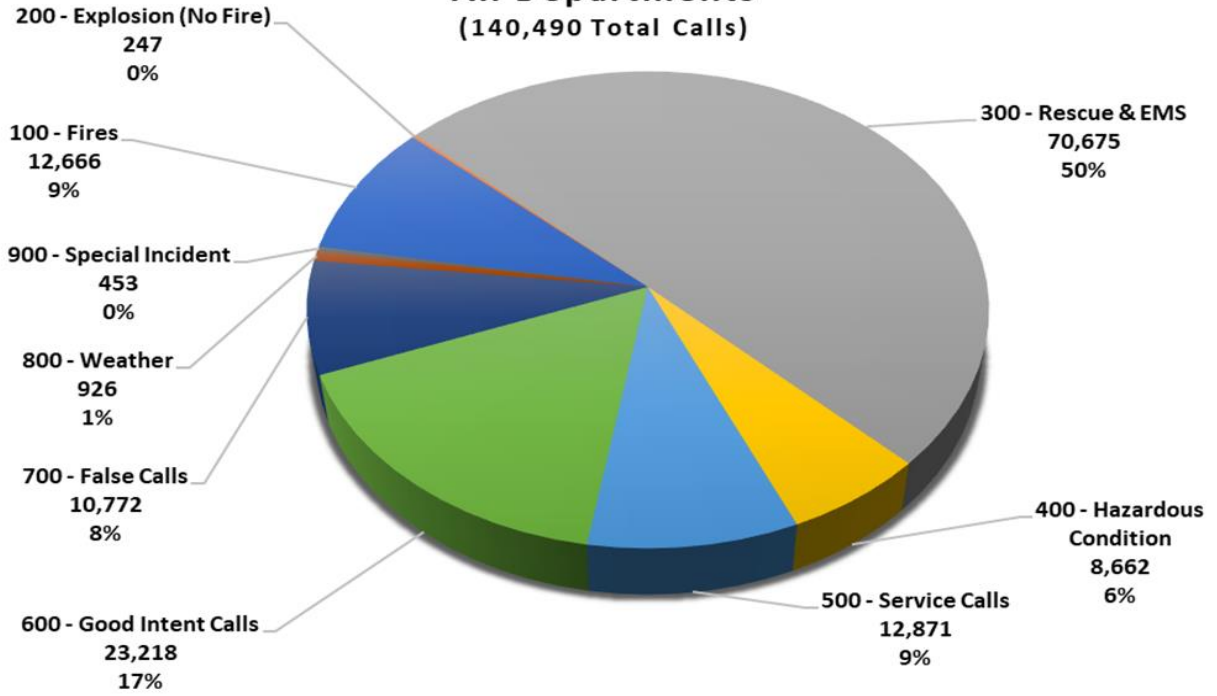
The Division oversees, consults, and assists all 438 certified fire departments in the State of West Virginia and provides information and guidance to new fire departments seeking certification.

During the fiscal year 2019-2020 the division has:

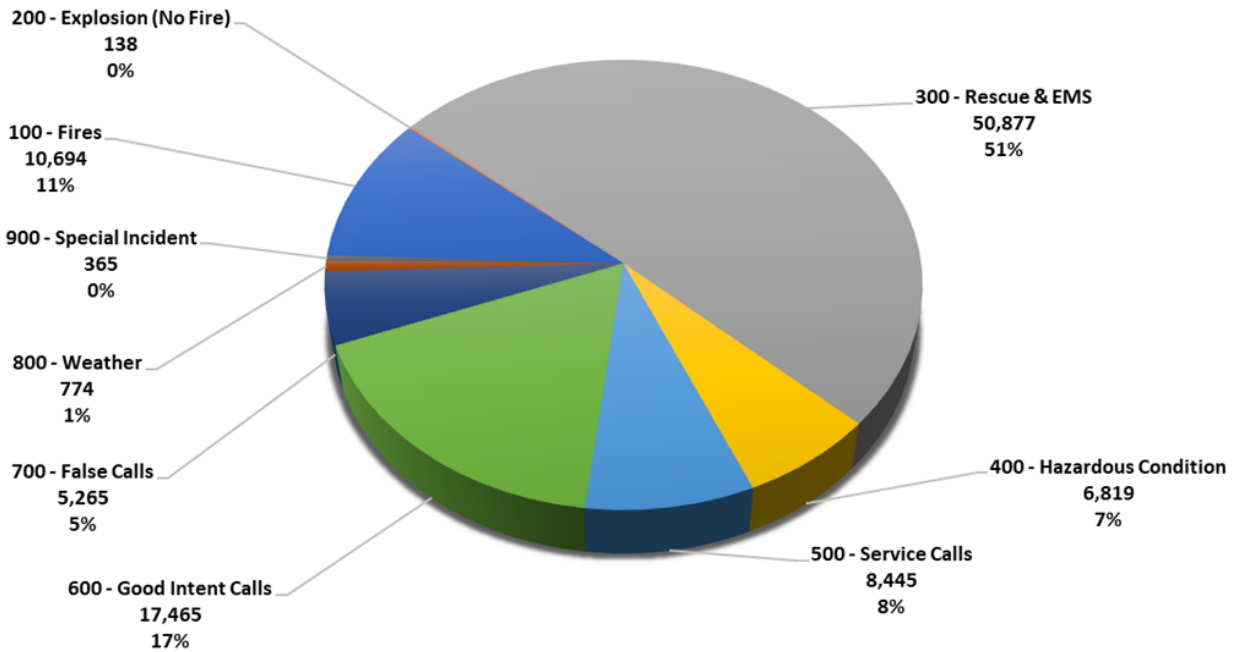
- Completed 75 evaluations of Fire Departments. 69 of the Fire Departments were Re-Certified. Out of a total of 69 Recertifications, 28 received perfect evaluations.
- Received 29 complaints on fire departments.
- Issued 387 Emergency Vehicle Permits (103 Apparatus and 284 Private).
- Deactivated 477 Emergency Vehicle permits (112 Apparatus and 365 Private).
- Denied 109 Emergency Vehicle Permit applications due to expired or missing documentation (22 Apparatus and 87 Private).
(Emergency Vehicle Permits were moved back to the Licensing & Regulatory Division in March 2020.)
- Fielded approximately 1,300 calls by officer personnel, with the majority of those asking for assistance with the National Fire Incident Reporting System (NFIRS).
- Fielded approximately 4,200 calls by field personnel, with the majority of those relating to evaluations, training, worker's comp issues, boundary disputes, and complaints.
- Assisted 25 Fire Departments with grant research using data from NFIRS.
- Assisted several outside agencies with research, varying in nature, using data from NFIRS or funding applications.
- Offered remote tech support for NFIRS related issues using the Bomgar Support Portal. A total of 21 remote tech support sessions were held.
- Processed 5,216 messages on the *WVFIRS – WV Fire Incident Reporting System* workspace on Slack.com, to better assist our departments with their incident reporting. Our members in FY2020 total 230 (up 138 from last year), representing 51 counties (up 13 from last year), and 180 fire departments (up 95 from last year) This tool has also been useful in notifying departments of COVID-19 information in a more timely manner, since the app can be installed on their phone, and notification can be done in real time.
- Processed and evaluated 14 Fire Officer Equivalencies (4 Fire Officer 1, 10 Fire Officer 2). A total of 14 (4 FO1, 10 FO2) were approved.
- Processed 139 FOIA requests (down 17 from last year) for incident reports which were compiled.
- Processed 2 requests for Naloxone for 2 departments in 2 counties, shipping a total of 500 doses. (Naloxone shipment expired March 2020.)
- Taught “New Fire Orientation/Fire Department Services” at McDowell County and Pipestem fire schools. Assisted with 5 LODDs in Kanawha, Logan, McDowell, Mercer, and Roane Counties.

Due to Legislation allowing for a grace period for submission of fire loss data, Fiscal year 201-2020 will not be available until after January 01, 2021. The following data is from Calendar year 2019 (January 01-December 31). A total of 140,490 responses (up 4,959 from last year) were reported by all West Virginia Fire Departments. Attached are charts and graphs depicting a limited breakdown of those responses.

CY2019 All Call Types All Departments (140,490 Total Calls)



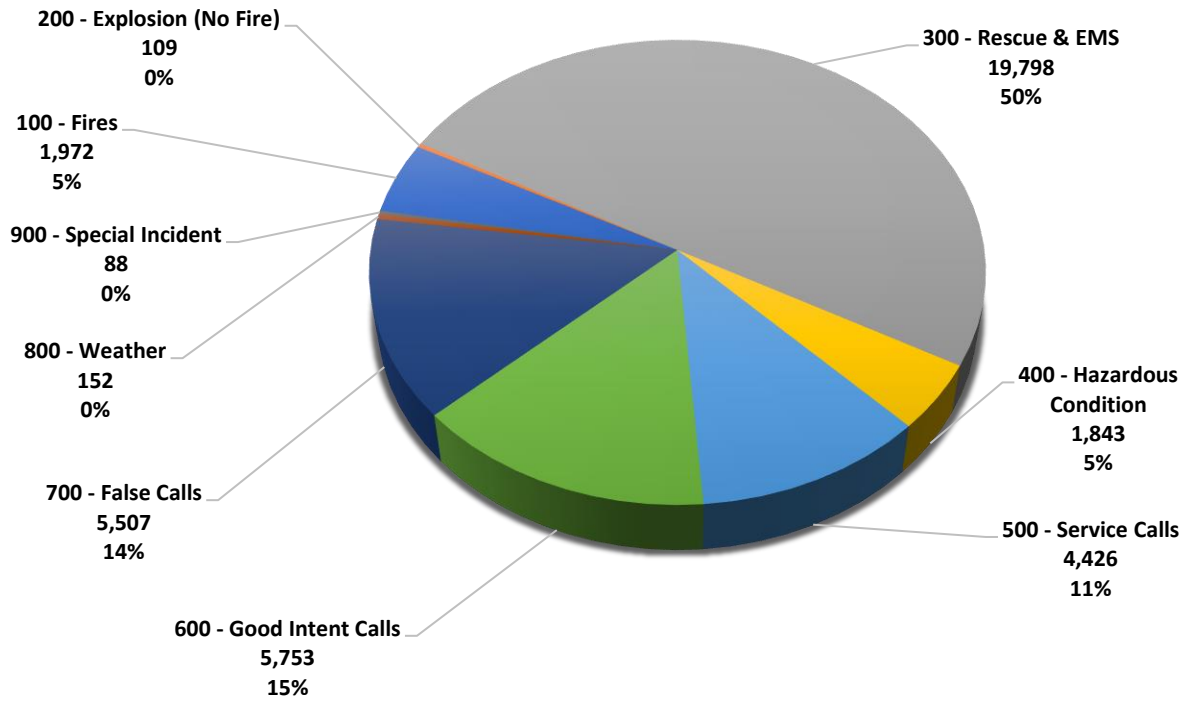
CY2019 All Call Types Volunteer & Part-Paid Departments (100,842 Calls out of 140,490 Total Calls)



CY2019 All Call Types

Paid Departments

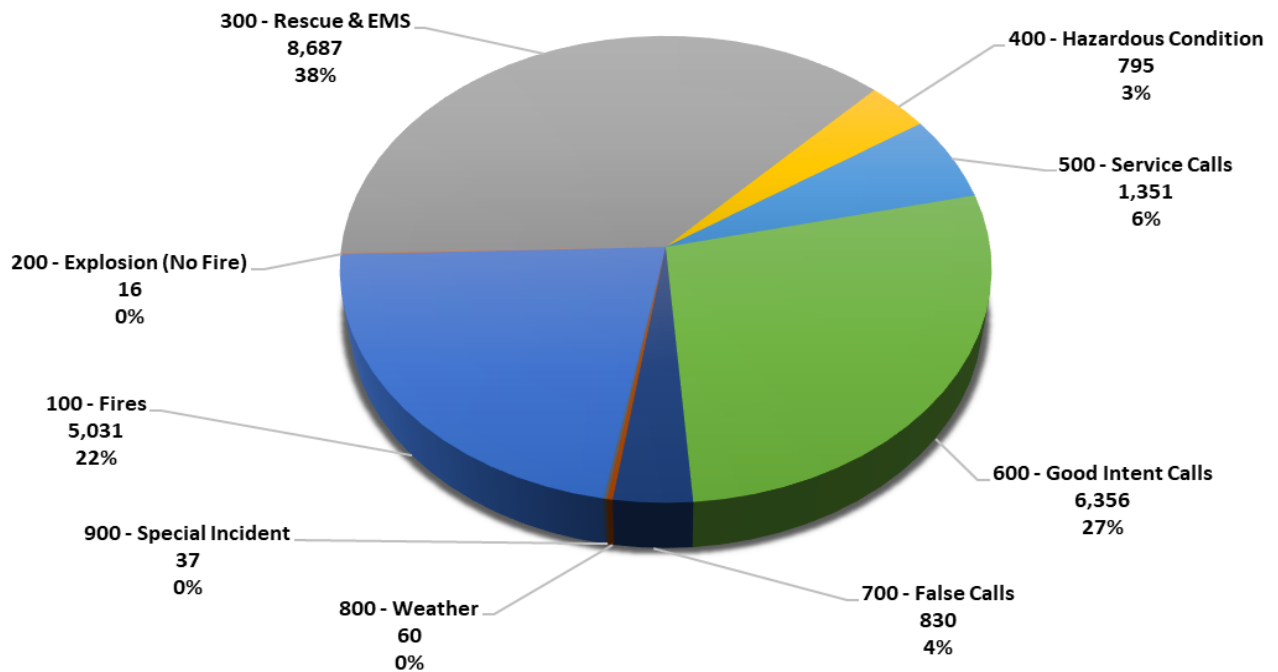
(39,648 Calls out of 140,490 Total Calls)



CY2019 Mutual Aid Given Calls

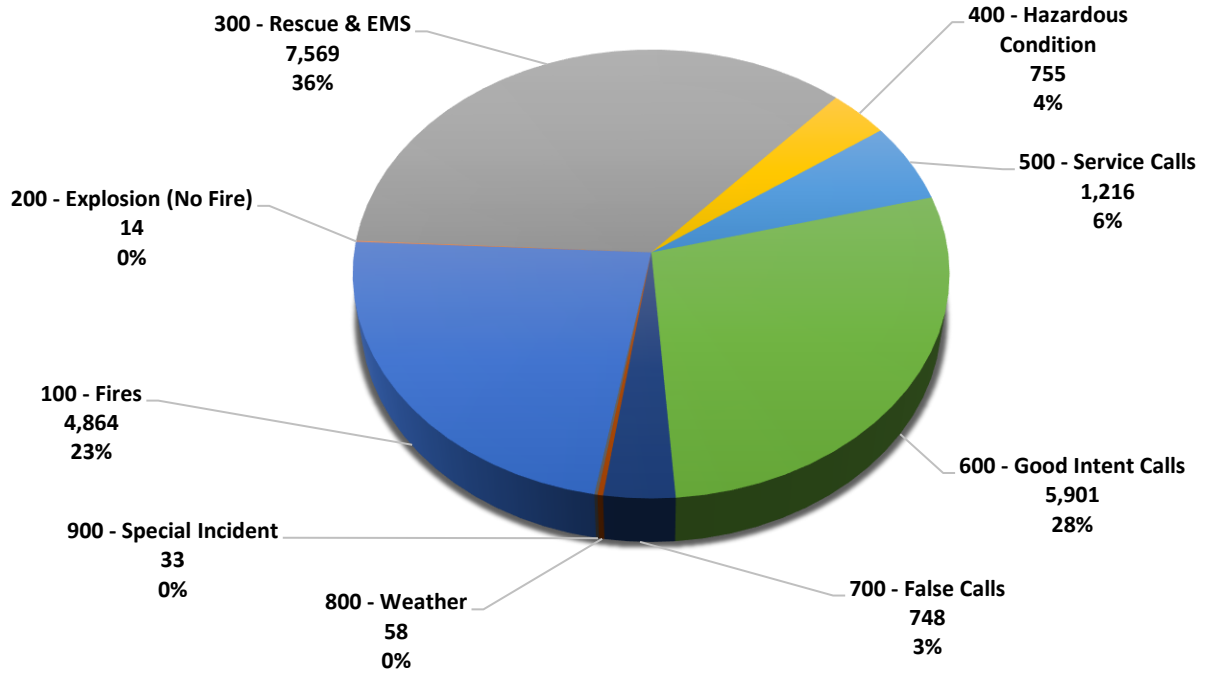
All Departments

(23,163 Calls out of 140,490 Total Calls)



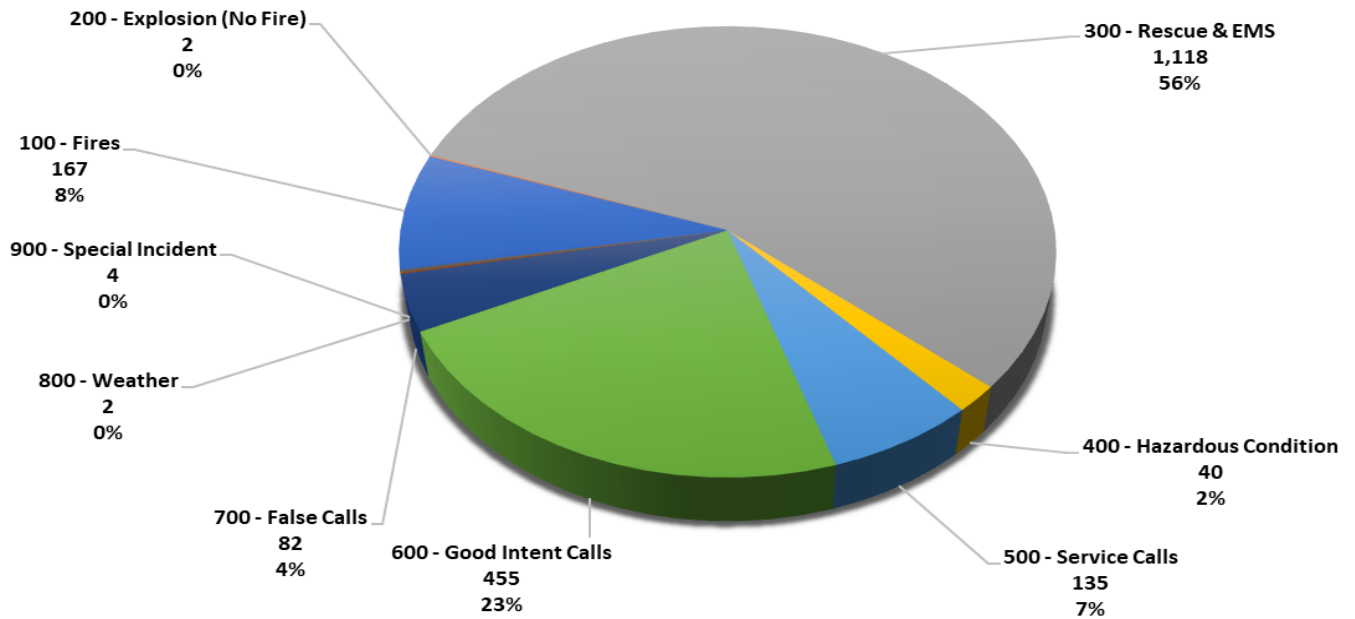
CY2019 Mutual Aid Given Calls Volunteer & Part-Paid Departments

(21,158 Calls out of 140,490 Total Calls)



CY2019 Mutual Aid Given Calls Paid Departments

(2,005 Calls out of 140,490 Total Calls)



County	100 Fire	200 Over- pressure, Rupture, Explosion, Overheat (No Fire)	300 Rescue & EMS	400 Hazardous Conditions (No Fire)	500 Service Calls	600 Good Intent Calls	700 False Alarm and False Calls	800 Severe Weather	900 Special Incident	Totals
Barbour Co. (01)	91	2	317	10	146	208	16	0	1	791
Berkeley Co. (02)	471	18	2,108	477	247	1,588	903	10	17	5,839
Boone (03)	374	6	609	119	66	318	63	15	16	1,586
Braxton (04)	135	1	635	104	39	205	16	4	0	1,139
Brooke (05)	113	2	1,627	91	250	322	104	77	5	2,591
Cabell (06)	686	10	1,934	472	531	1,042	1,176	22	24	5,897
Calhoun (07)	29	1	63	22	5	11	6	5	0	142
Clay (08)	64	0	411	38	6	27	1	8	0	555
Doddridge (09)	68	2	252	29	70	44	2	13	0	480
Fayette (10)	354	1	587	233	133	206	77	22	1	1,614
Gilmer (11)	20	0	59	19	40	4	8	2	2	154
Grant (12)	75	0	321	19	65	84	2	2	1	569
Greenbrier (13)	232	1	1,677	195	306	313	299	1	12	3,036
Hampshire (14)	262	2	491	109	160	219	21	0	1	1,265
Hancock (15)	130	11	1,444	214	70	253	222	6	3	2,353
Hardy (16)	59	0	108	56	38	66	10	2	1	340
Harrison (17)	486	7	7,187	360	872	1,445	438	79	9	10,883
Jackson (18)	193	1	801	88	25	215	55	7	6	1,391
Jefferson (19)	390	3	4,900	132	193	895	274	7	13	6,807
Kanawha (20)	1,865	26	7,209	747	1,807	3,318	1,959	37	52	17,020
Lewis (21)	116	1	889	160	52	444	44	3	1	1,710
Lincoln (22)	127	0	245	92	48	87	24	4	1	628
Logan (23)	265	2	756	227	894	261	126	58	11	2,600
Marion (24)	340	5	2,945	367	819	1,219	224	105	2	6,026
Marshall (25)	189	14	1,118	276	236	610	124	19	5	2,591
Mason (26)	141	2	195	51	56	64	35	61	2	607
McDowell (27)	271	5	404	111	86	119	35	8	41	1,080
Mercer (28)	391	4	1,111	294	354	726	460	29	22	3,391
Mineral (30)	450	3	2,890	156	396	951	182	26	5	5,059
Mingo (29)	208	2	507	37	138	53	134	15	41	1,135
Monongalia (31)	422	14	2,722	345	571	1,978	874	52	2	6,980
Monroe (32)	68	0	178	28	18	25	9	0	1	327
Morgan (33)	152	1	284	92	42	316	61	0	0	948
Nicholas (34)	212	5	1,180	114	178	248	66	13	3	2,019
Ohio (35)	210	34	5,358	318	771	924	793	1	4	8,413
Pendleton (36)	86	2	170	20	30	65	5	3	2	383
Pleasants (37)	31	0	274	46	47	32	11	0	2	443
Pocahontas (38)	85	0	834	102	40	140	91	0	4	1,296
Preston (39)	195	1	772	109	54	239	34	16	5	1,425
Putnam (40)	333	5	1,378	196	239	765	287	7	13	3,223
Raleigh (41)	489	5	2,964	367	514	587	486	35	36	5,483
Randolph (42)	226	1	741	148	180	216	66	28	4	1,610
Ritchie (43)	91	2	396	119	90	180	32	12	0	922
Roane (44)	97	2	339	42	53	49	10	5	5	602
Summers (45)	86	1	168	94	28	78	51	9	6	521
Taylor (46)	58	3	288	50	127	56	39	2	3	626
Tucker (47)	33	0	182	74	47	24	15	9	0	384
Tyler (48)	101	2	464	161	61	56	17	1	0	863
Upshur (49)	206	2	1,261	242	289	471	58	16	2	2,547
Wayne (50)	240	4	1,448	61	44	273	115	7	16	2,208
Webster (51)	76	0	108	27	15	32	9	1	0	268
Wetzel (52)	108	2	559	69	109	64	46	9	2	968
Wirt (53)	31	0	50	22	16	8	9	0	0	136
Wood (54)	380	28	4,135	446	1,119	934	520	36	9	7,607
Wyoming (55)	136	1	622	65	41	141	28	17	39	1,090
West Virginia Total	12,747	247	70,681	8,662	12,871	23,218	10,772	926	453	140,577

Summary By Incident Type

All Selected Fire Departments

Report Period: From 01/01/2019 to 12/31/2019

Call By Incident Type		Frequency	Percent of Total Calls	Mutual Aid None	Mutual Aid Given	Mutual Aid Received	Other Aid Given	Invalid Aid Flag	Exposures	Total Incidents
FIRE S	Building Fires (110-118, 120-123)	3,634	3.08%	1,803	3,745	1,824	7	0	85	7,464
	Vehicle Fires (130-138)	1,257	1.07%	905	405	339	13	0	33	1,695
	Other Fires (100, 140-173)	2,740	2.32%	2,142	840	578	20	0	5	3,586
	Total Fires	7,631	6.47%	4,850	4,990	2,741	40	0	123	12,745
Pressure Ruptures, Explosion, Overheat (200-251)		231	0.20%	201	16	30	0	0	0	247
RESCUE CALLS	Emergency Medical Treatment (300-324)	60,839	51.59%	53,094	7,870	7,372	373	0	0	68,724
	All Others (331-381)	1,525	1.29%	1,212	433	302	11	0	0	1,958
	Total Rescue Calls	62,364	52.88%	54,306	8,303	7,674	384	0	0	70,682
Hazardous Condition Calls (400-482)		7,899	6.70%	7,119	763	748	32	0	0	8,663
Service Calls (500-571)		11,580	9.82%	10,954	1,290	565	61	0	0	12,871
Good Intent Calls (600-671)		16,964	14.39%	14,563	6,252	2,297	104	0	0	23,218
Severe Weather or National Disaster Calls (800-815)		873	0.74%	809	53	57	7	0	0	926
Special Incident Calls (900-911)		430	0.36%	400	23	16	14	0	0	453
Unknown Incident Type (UUU)		0	0.00%	0	0	0	0	0	0	0
FALSE CALLS	Malicious Calls (710-715, 751)	490	0.42%	409	44	79	2	0	0	534
	Other False Calls (700, 721-746)	9,466	8.03%	8,348	770	1,104	14	0	0	10,238
	Total False Calls	9,956	8.44%	8,757	814	1,183	16	0	0	10,772
TOTAL CALLS		117,928	100.00%	101,959	22,504	15,311	658	0	123	140,577

Total Incidents With Exposure Fires	Total Exposure Fires	Total Fire Dollar Loss	Total Dollar Loss
72	123	\$114,394,312	\$116,307,109

Casualty Summary	Civilian	Fire Service
Fire Related Injuries	94	50
Non-Fire Injuries	178	16
Fire Related Deaths	37	0
Non-Fire Deaths	36	0

Fire Safety Inspection & Plans Review Division

Deputy State Fire Marshal Allan D. Casto



Bridgeport Rec Center – Harrison County

I. INTRODUCTION

The Fire Safety Inspection/Plans Review Division is mandated by Chapter 29, Article 3 "Fire Prevention and Control Act" to conduct fire and life safety inspections in all types of occupancies except one and two family dwellings. The division's duties and responsibilities also include:

- Issuance of citations for fire code violations, including but not limited to, locking or blocking of exits, tampering with fire protection equipment, and blocking fire lanes.
- Assists the Licensing & Regulatory Division in the enforcement of the licensing programs, electrician, fire protection worker, fireworks, blasters etc.
- Enforcement of fireworks regulations; monitoring of display sites, investigation of complaints, seizure of illegal fireworks.
- Enforcement of blasting regulations and inspection of explosives magazines, investigation of blasting complaints.
- Enforcement of forest fire burning laws
- Regulation of aboveground flammable liquid storage tanks.
- Conduct fire safety training educational seminars and public fire education.
- Provide assistance to the Fire Investigation Division on large loss fires or fatalities.
- Provide assistance to law enforcement agencies when requested.
- Provide assistance to local fire departments when requested.
- Assist federal government in the implementation of the Federal Hotel/Motel Fire Safety Act.
- Response to disasters
- Administers licensing tests
- Administers the Certified Fire Inspector Program for NFPA
- Assist with conducting fire department evaluations/follow-ups
- Conduct fire investigations in buildings that are normally inspected by the Fire Inspection division.

The Division consists of one (1) Field Deputy Fire Marshal, three (3) Assistant Fire Marshal III (Field Supervisors), sixteen (17) Assistant Fire Marshals, one (1) Fire Safety Plans Examiner Supervisor, one (1) Fire Safety Plans Examiner, one (1) Divisional Secretary and two (2) Office Assistants. The Assistant Fire Marshals are assigned to a designated geographical territory ranging from two (2) to six (6) counties. Four (4) Divisional personnel also assist with the review of plans when necessary in addition to their inspection duties. One (1) newly hired divisional member since July 1, 2019. This year was the second year of the Fire Marshal Academy, held at the WVU State Fire Training Center in Jacksons Mill, WV. Several members of the inspection division, two (2) members of the investigation division and members of municipal fire departments attended the academy. All Assistant Fire Marshals serve as liaisons for all Fire Marshal services with local fire departments, municipal governments and the general public.

II. FIRE SAFETY INSPECTIONS

This fiscal year, five thousand seven hundred eighty-three (5,783) fire safety inspections, consultations, and complaints were conducted by the division. Included in this report is a chart showing which types of inspections were conducted by each occupancy type, as well as a pie chart. Note that the educational occupancy continues to dominate the largest number of inspections conducted. Also included in this year's report are the number of complaint and system inspections in individual charts by occupancy. Also included in this year's report are the number of licensing checks that were conducted. Three thousand one hundred twenty-nine (3,129) checks were conducted and are broken down by the type of license that is required for each craft.

In addition to fire safety inspections, a significant number of man-hours were expended conducting fire safety training and educational programs, administering licensing tests, assisting the fire investigation division and department training. Additional educational programs include: in-service training to county school maintenance and educational staffs, presentations to the West Virginia Landlords Association, Department of Health and Human Services social workers and sanitarians, West Virginia Advocate, Day Care providers and Residential Board & Care providers, Building Code officials and the West Virginia Hospital Engineers Association.

Professional development of our divisional staff continues to be a high priority. Our focus on technology will continue to simplify our business processes, making our services more accessible to our customers. Our divisional personnel are constantly striving to improve their skills and knowledge by attending advanced educational programs.



Proctor & Gamble – Inwood

Two of our most significant projects that continue during this past fiscal year are the Proctor and Gamble complex and Rockwool, an insulation company located in the Eastern Panhandle.



Martinsburg Police Department & Municipal Court



Numerous citations were issued this past fiscal year for various fire code violations, ranging from locked exits, illegal storage of fireworks to improper licensing and illegal/improper explosives/blasting.



Cacapon State Park Lodge – Morgan County



Newberry Apartments – Wood County

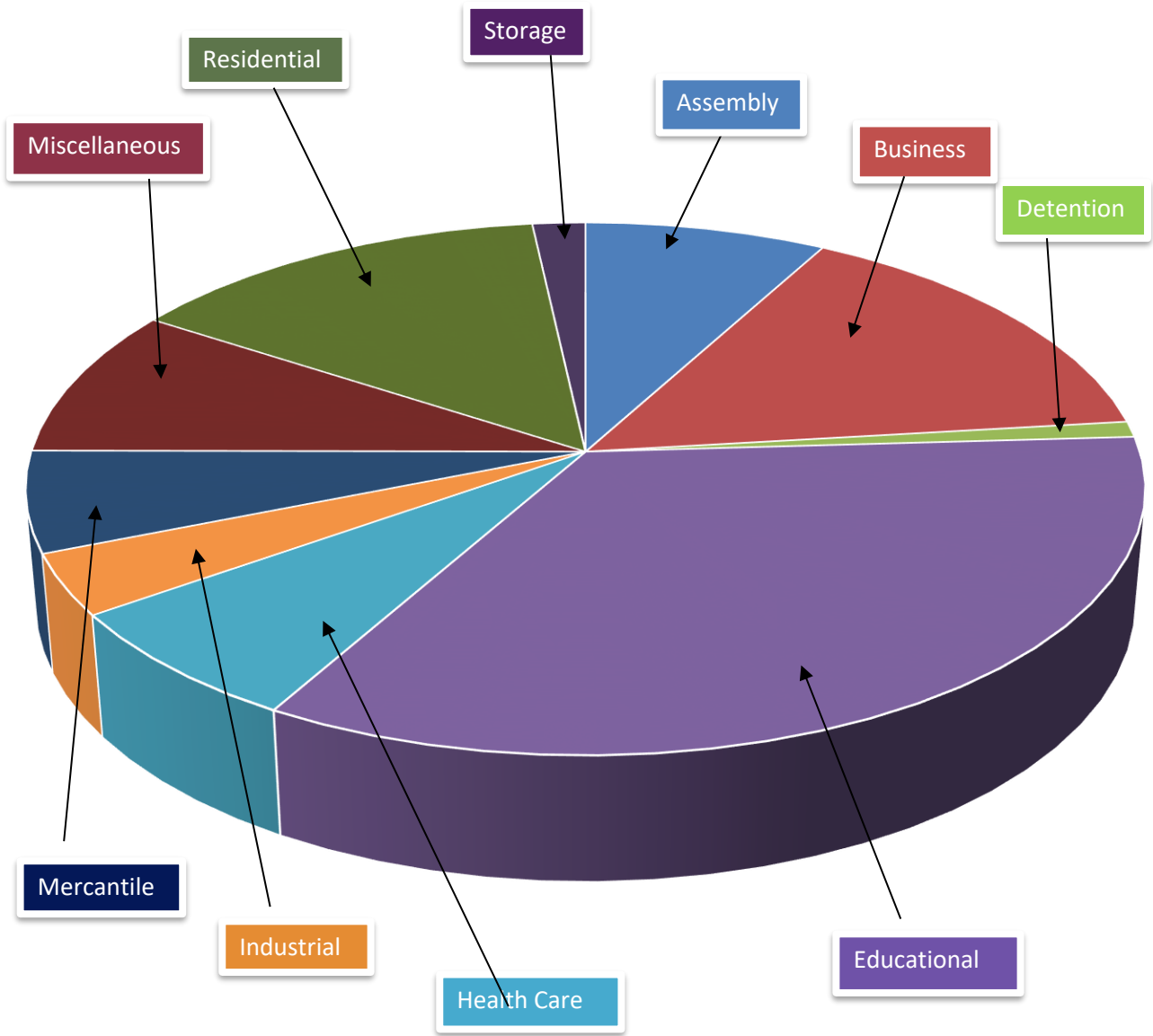


Berkeley Business Park – Martinsburg

FIRE SAFETY INSPECTIONS BY OCCUPANCY FY 2020

	INITIAL	CONSTR INSP	SYSTEM	ANNUAL	FOLLOW-UP	FINAL	FINAL W/CO	COMPLAINTS	CONSULT	DIVISION TOTALS
ASSEMBLY	52	176	85	16	24	34	32	26	16	461
Class A	3	36	22	4	4	4	2	3	2	80
Class B	8	64	13	3	9	11	5	5	0	118
Class C	41	76	50	9	11	19	25	18	14	263
BUSINESS	90	323	62	214	38	46	38	29	37	877
DETENTION	0	4	3	40	0	1	0	3	4	55
EDUCATIONAL	56	143	50	1587	63	15	13	16	31	1974
Day Cares	51	17	3	307	41	7	4	4	5	439
Schools	5	123	46	1259	20	8	8	10	20	1499
Colleges & Universities	0	3	1	21	2	0	1	2	6	36
HEALTH CARE	4	94	21	223	5	38	4	6	10	405
Hospitals	1	58	9	119	3	31	4	3	7	235
Nursing Homes	2	36	12	100	1	5	0	3	2	161
Ambulatory Care	1	0	0	4	1	2	0	0	1	9
INDUSTRIAL	3	141	22	4	2	9	23	8	3	215
MERCANTILE	26	162	39	12	17	40	27	22	9	354
Class A	3	43	16	10	0	13	4	11	6	106
Class B	3	73	9	1	6	9	11	9	2	123
Class C	20	46	14	1	11	18	12	2	1	125
MISCELLANEOUS	196	16	6	139	61	10	6	76	15	525
RESIDENTIAL	25	369	48	221	29	35	25	49	15	816
Hotel/Motel	5	94	8	2	8	1	3	7	5	133
Apartments	1	192	19	1	8	24	16	21	4	286
Dormitory	3	6	4	23	0	2	2	0	0	40
Rooming/Lodging	10	43	8	55	1	4	2	1	5	129
Dwellings	1	3	4	2	4	0	0	17	1	32
Board & Care	5	31	5	138	8	4	2	3	0	196
STORAGE	1	55	15	4	4	6	11	1	4	101
TOTALS	453	1483	351	2460	243	234	179	236	144	5783

LIFE SAFETY INSPECTIONS BY OCCUPANCY FY 2020



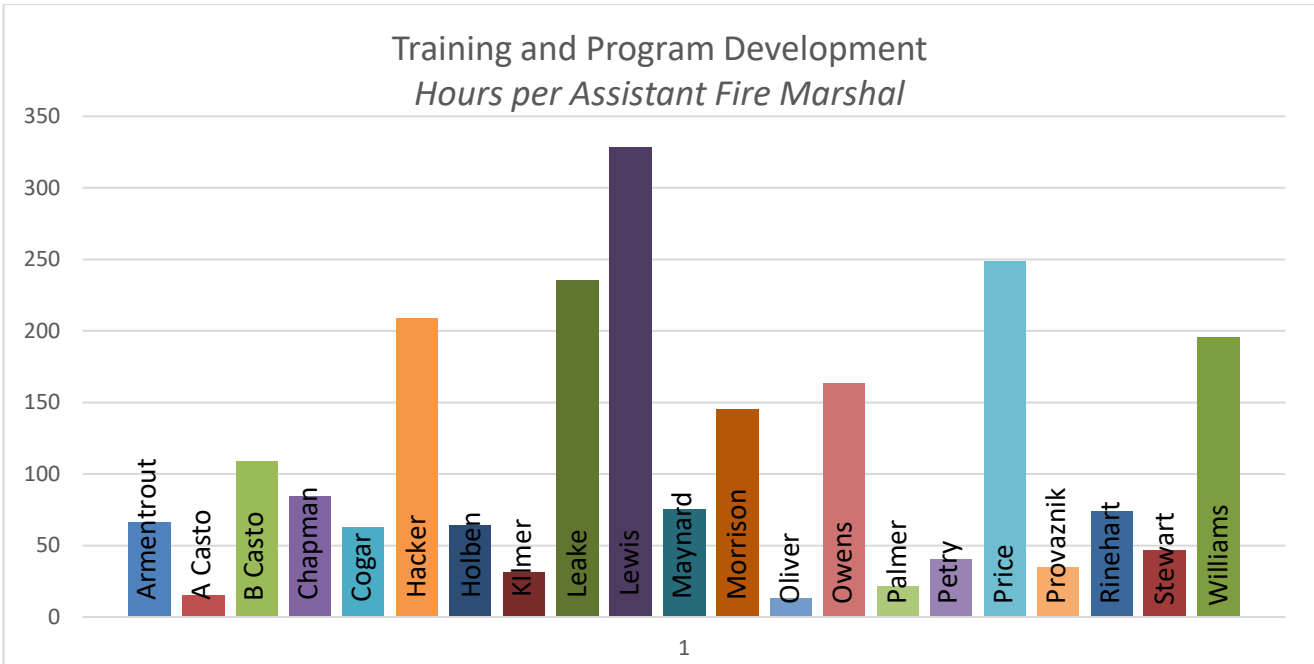
FY 2020 Complaints, Inspections and License Checks

FY2020	Type of Complaints					
OCCUPANCY	BLASTING	ELECTRICAL	FIRE CODE	LICENSING	FIREWORKS	TOTALS
ASSEMBLY	0	3	22	0	0	25
BUSINESS	3	8	17	0	1	29
DAY CARES	0	0	4	0	0	4
DETENTION	0	0	3	2	0	5
EDUCATIONAL	0	2	8	0	0	10
HAZARDOUS MATERIALS	0	0	0	0	0	0
HEALTH CARE	0	2	4	0	0	6
INDUSTRIAL	0	3	3	2	0	8
MERCANTILE	0	6	15	1	0	22
MISCELLANEOUS	12	24	32	2	4	74
RESIDENTIAL	10	16	24	0	0	50
STORAGE	0	0	1	0	0	1
TOTAL BY TYPE	25	64	129	7	5	230

SYSTEM INSPECTIONS

FY 2020	TYPE OF SYSTEM								
OCCUPANCY	FAS	AES	FIRE PUMP	FM200	GENERATOR	HVAC	SMOKE MGMT	SPKR	TOTALS
ASSEMBLY	19	56	1	1	1	2	0	5	85
BUSINESS	21	17	0	0	2	6	1	16	63
DETENTION	0	1	0	0	0	1	0	1	3
EDUCATIONAL	28	10	0	0	0	6	0	7	51
HAZARDOUS MATERIALS	0	0	0	0	0	0	0	0	0
HEALTH CARE	12	2	0	0	6	0	0	2	22
INDUSTRIAL	9	1	0	4	0	0	0	10	24
MERCANTILE	16	12	1	0	0	4	0	6	39
MISCELLANEOUS	2	3	0	0	0	0	0	1	6
RESIDENTIAL	19	7	0	0	0	2	1	24	53
STORAGE	4	0	3	1	1	0	0	6	15
TOTAL BY TYPE	224	196	7	7	17	35	3	122	611

FY 2020 LICENSE CHECKS BY LICENSE TYPE					
	<i>ELECTRICIAN</i>	<i>FIRE PROTECTION WORKER</i>	<i>LOW VOLTAGE</i>	<i>PROTECHNICIAN</i>	<i>TOTALS</i>
ARMENTROUT	155	53	26	18	252
CASTO, ALLAN	0	4	2	0	6
CASTO, BRYAN	37	7	10	1	55
CHAPMAN	116	42	25	0	183
COGAR	37	14	13	0	64
GREGORY	23	5	3	0	31
HOLBEN	11	4	6	0	21
KILMER	108	22	5	10	145
LEAKE	3	3	2	0	8
LEWIS	17	9	5	9	40
MAYNARD	5	0	0	0	5
MORRISON	0	6	0	2	8
MOUSE	202	37	9	9	257
OLIVER	118	26	6	0	150
OWENS	114	18	6	20	158
PALMER	50	20	7	14	91
PETRY	14	3	3	3	23
PRICE	59	18	2	21	100
PROVAZNIK	175	18	11	18	222
RINEHART	713	182	0	16	911
STEWART	46	27	5	26	104
WILLIAMS	148	48	36	63	295
TOTALS	2151	566	182	230	3129

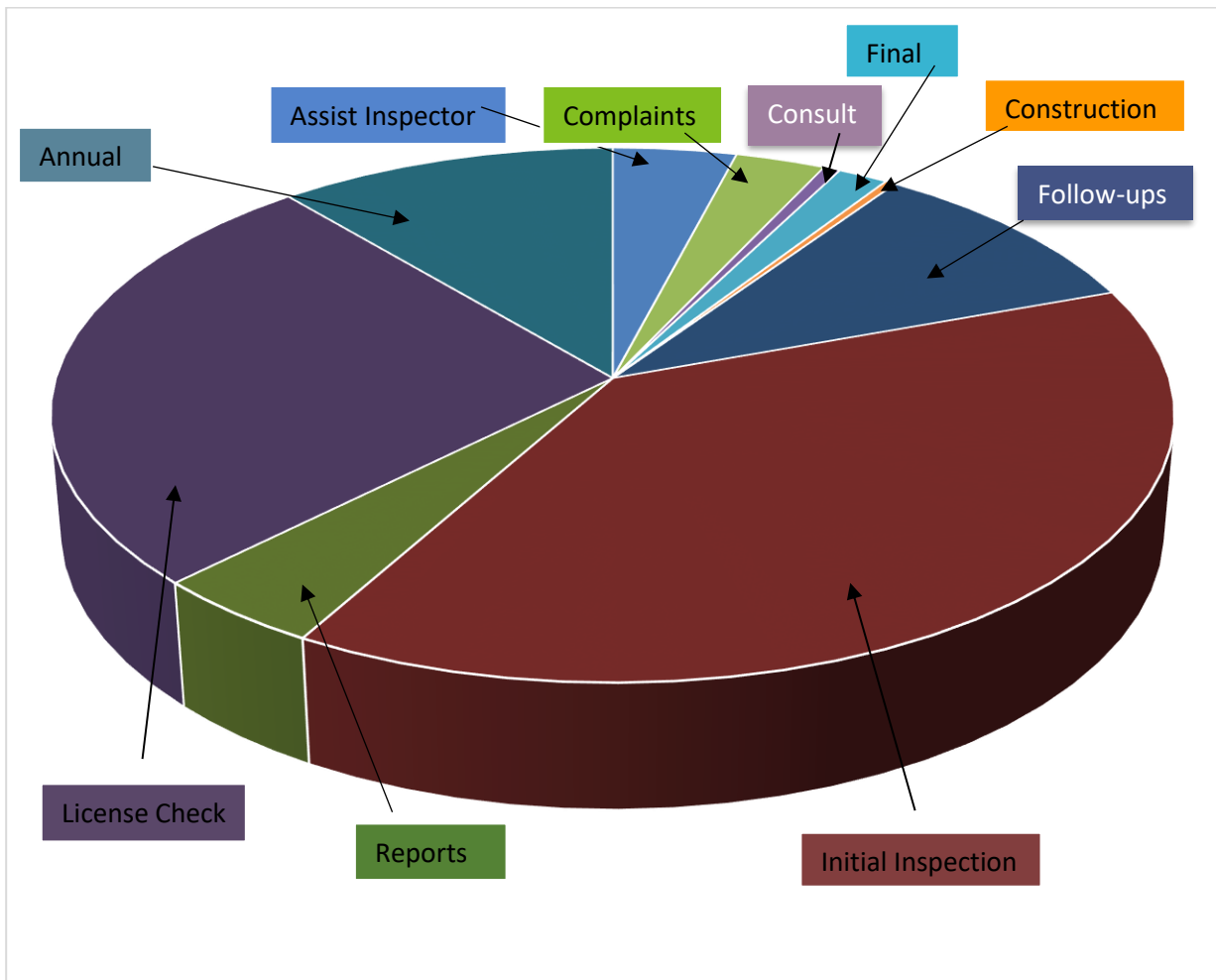


Rockwool Insulation Manufacturing Company - Ranson

FY 2020 FIREWORKS HOURS BY ASFM

	ASSET INSPECTOR	TRAINING RECEIVED	COMPLAINTS	CONSULTATION	FINAL	CONSTRUCTION	FOLLOW-UP	INITIAL	REPORTS	LICENSE CHECK	RE-INSPECTION	TOTALS
ARMENTROUT	0.00	0.00	0.00	0.00	0.00	0.00	4.00	28.50	3.00	8.00	0.00	43.50
CASTO, BRYAN	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00	1.00
CHAPMAN	0.00	0.00	0.00	1.00	0.00	0.00	5.50	2.00	0.00	3.50	0.00	12.00
COGAR	0.00	0.00	3.00	0.00	0.00	0.00	7.00	6.50	0.00	0.00	3.00	19.50
GREGORY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.00	0.00	0.00	2.00	9.00
HOLBEN	0.00	0.00	0.00	0.00	0.00	0.00	2.00	13.50	0.00	4.00	0.00	19.50
KILMER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	5.00	20.00	10.00	61.00
LEAKE	0.00	0.00	0.00	0.00	0.00	0.00	1.00	4.00	0.00	0.00	3.00	8.00
LEWIS	0.00	0.00	0.00	0.00	0.00	2.50	5.00	15.50	0.00	13.50	0.00	36.50
MAYNARD	1.00	0.00	0.00	0.00	0.00	0.00	1.00	15.00	2.00	0.00	0.00	19.00
MORRISON	0.00	0.00	0.00	0.00	0.00	0.00	6.00	18.00	0.00	2.00	3.00	29.00
MOUSE	3.00	0.00	5.00	3.00	0.00	0.00	0.00	16.00	0.00	6.00	0.00	33.00
OLIVER	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OWENS	4.50	0.00	0.00	0.00	0.00	0.00	7.50	25.50	0.00	18.50	0.00	56.00
PALMER	0.00	0.00	0.00	0.00	0.00	0.00	12.00	23.50	7.00	10.00	2.00	54.50
PETRY	16.00	0.00	11.50	0.00	0.50	0.00	8.50	4.50	7.00	0.00	0.00	48.00
PRICE	0.00	0.00	0.00	0.00	1.00	0.00	4.00	26.50	0.00	13.50	8.50	53.50
PROVAZNIK	5.00	0.00	0.00	0.00	2.00	0.00	5.00	13.00	0.00	20.00	0.00	45.00
RINEHART	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	25.00	30.50	56.50
STEWART	0.00	0.00	2.00	0.00	8.50	0.00	2.50	20.00	8.00	19.00	0.00	60.00
WILLIAMS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.50	0.00	28.50	19.00	63.00
TOTALS	29.50	0.00	21.50	4.00	12.00	2.50	72.00	281.50	32.00	191.50	81.00	727.50

FIREWORK RELATED HOURS FY 2020



III. PLANS REVIEW DIVISION

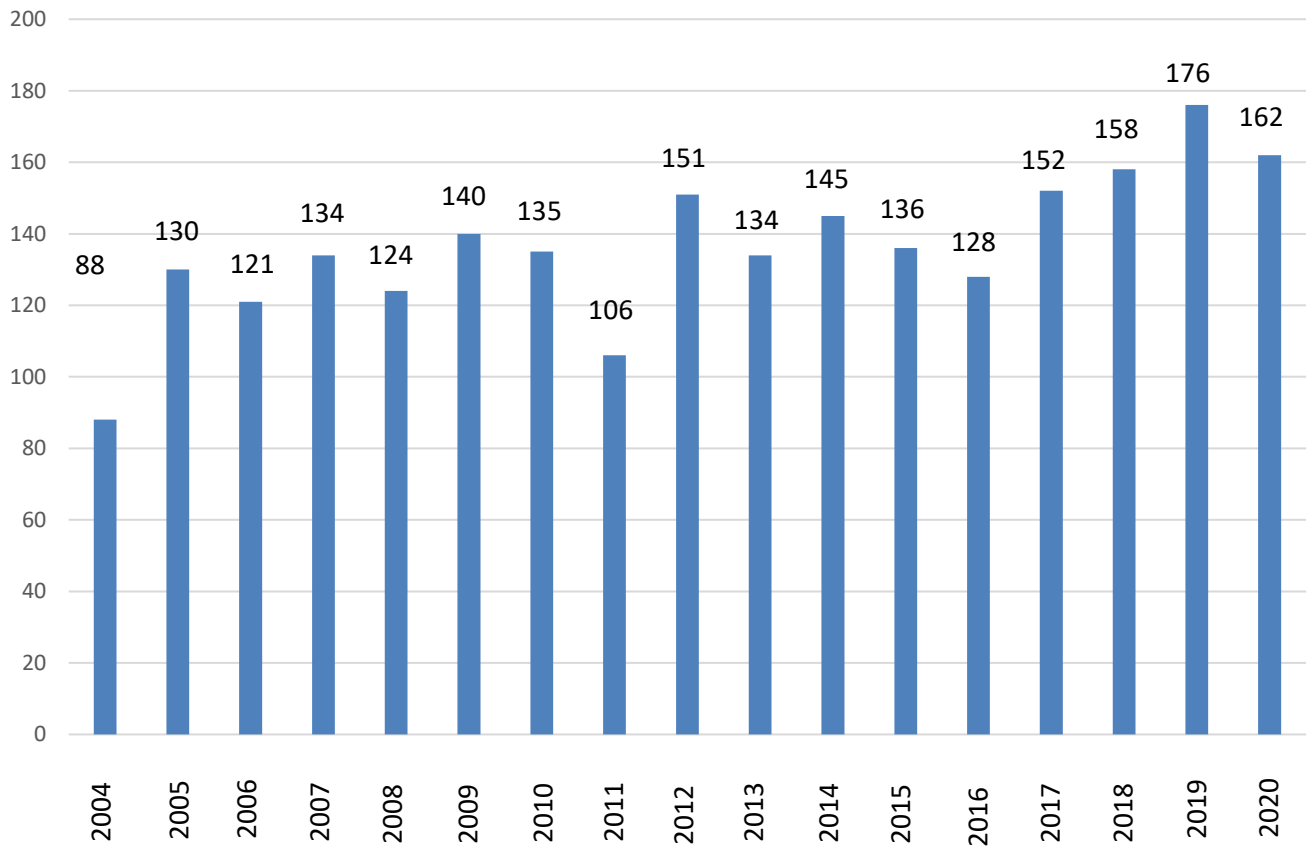
The Plans Review Section dedicates a significant amount of time and research to telephone calls and walk-in consultations with architects, engineers, contractors, and owners regarding code interpretations. These direct contacts assist designers and owners with proper code requirements during the early development of the project under consideration. These contacts are not a formal review of plans; however, this procedure has proven to eliminate costly and time-consuming changes during the design and construction phase of the project. In addition, this section assists the public and business owners in answering general fire code questions through telephone calls and various types of other correspondence.

This section accomplishes a formal review of the plans when construction documents are submitted. This is an in-depth review of all architectural, mechanical, electrical and plumbing plans for code compliance. Specialized systems such as fire alarms, automatic sprinkler systems, hood suppression and smoke management systems are reviewed at the time of submittal from the fire protection company.

This fiscal year one thousand five hundred sixty-two (1,562) plans were reviewed. In the past five years we have reviewed and provided construction inspections for occupancy for almost five billion dollars of construction. In an effort to become more efficient during the review, construction and final inspection for occupancy stages, on large projects both the reviewer and area fire marshal will conduct the review process and inspection stages until the building is occupied.



Plans Reviewed for Projects Over 1 Million Dollars Estimated Construction Cost

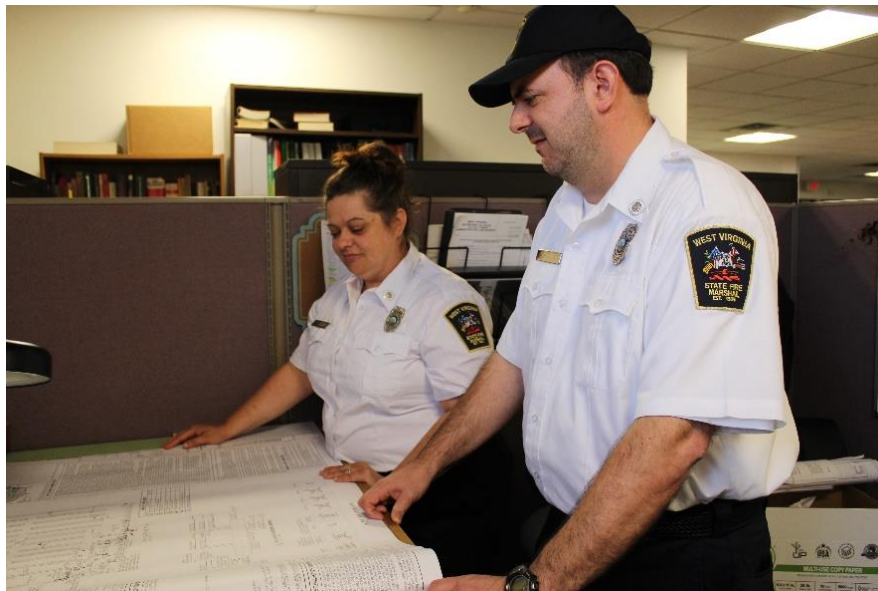


Plans Reviewed by Occupancy FY15-FY20

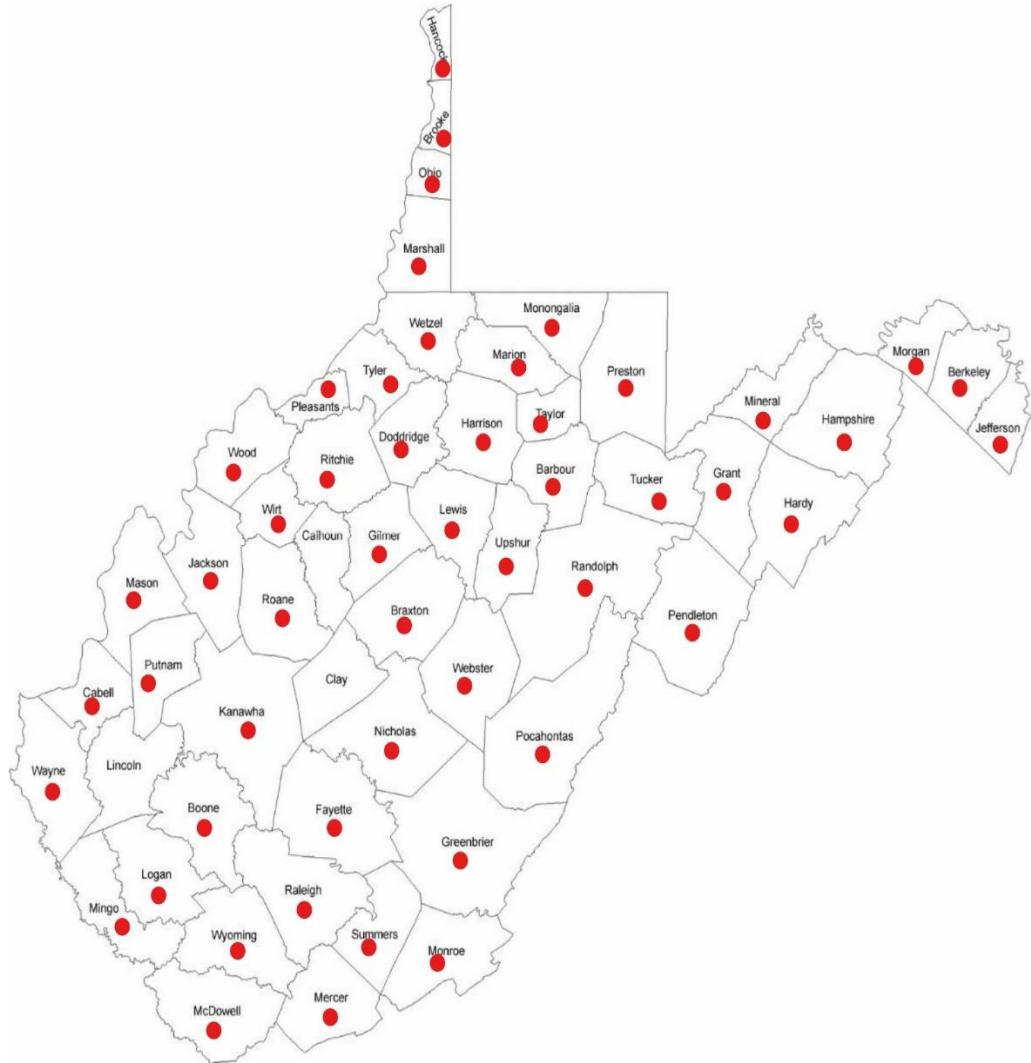
OCCUPANCY	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
EDUCATIONAL	126	151	144	131	119	125
ASSEMBLY	287	240	264	218	311	305
HEALTH CARE	107	140	118	131	109	103
DETENTION	6	4	5	6	7	5
RESIDENTIAL	258	252	213	198	154	110
MERCANTILE	278	250	314	229	230	261
BUSINESS	255	306	344	310	296	305
INDUSTRIAL	78	57	62	132	99	53
STORAGE	68	70	70	88	61	53
DAY CARE	21	15	15	9	20	23
RB&C	10	18	16	34	40	219
TOTALS	1494	1503	1565	1486	1446	1562

PLANS REVIEWED by TYPE FY 2015 – FY 2020

TYPE OF PLAN	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
ARCHITECTURAL	608	648	643	549	617	726
SPRINKLER SYSTEM	258	283	294	308	256	234
HOOD SUPP. SYSTEM	173	120	141	165	134	169
FIRE ALARM SYSTEM	392	410	439	406	374	412
FM 200 SYSTEM	9	4	6	2	0	0
AGST	29	21	27	37	36	6
CARPET	25	17	15	16	19	8
UNCLASSIFIED	0	0	0	3	10	7
TOTALS	1494	1503	1565	1486	1446	1562



SAMPLING OF PROJECTS FY 2019 – 2020



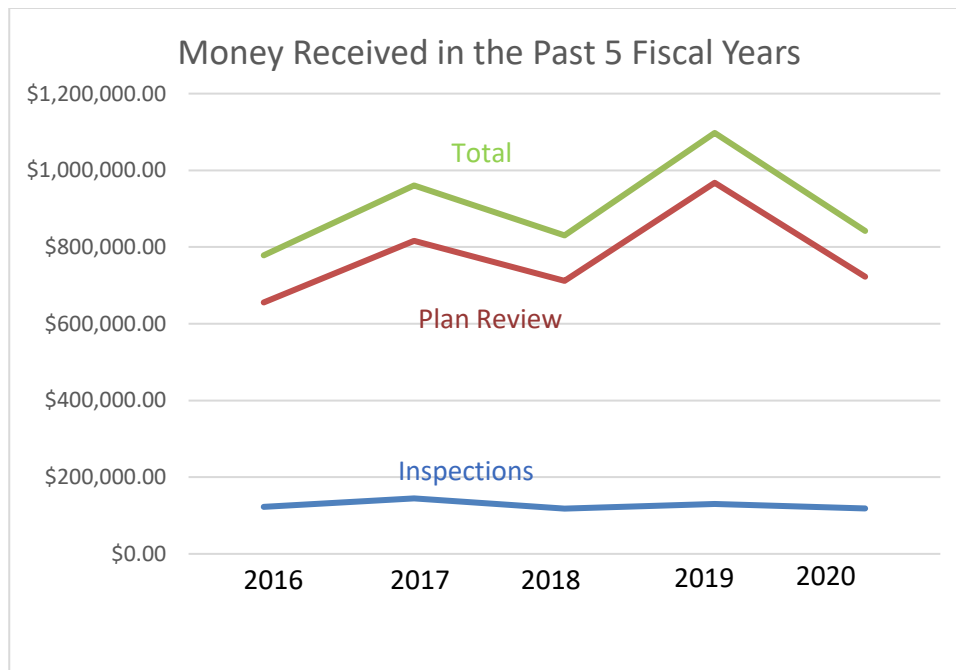
Barbour – Sentinel Complex – Office & Bath House
 Berkeley – Goldfinch Meadows
 Boone – Post Ridge Apartments
 Braxton – Braxton County Airport
 Brooke – Weirton Medical Center
 Cabell – Marshall University 15th Street Parking
 Doddridge – Sherwood Compressor Station
 Fayette – Coal Heritage Discovery Center
 Gilmer – Glenville State College
 Grant – Grant County Airport
 Greenbrier – Greenbrier Health Care Center
 Hampshire – Romney Children’s Shelter
 Hancock – Weirton Dialysis Center
 Hardy – Mullin Hotel
 Harrison – Clarksburg Audi Volkswagen
 Jackson – Ravenswood Middle School
 Jefferson – Rockwool Manufacturing
 Kanawha – The Crossings at Southridge

Lewis – Dominion Energy Transmission
 Logan – Dignity House
 Marion – First Exchange Bank Worldwide
 Marshall – Holiday Inn
 Mason – Mason County 4H
 McDowell – Miner’s City Clinic
 Mercer – Bluefield Regional Medical Center
 Mineral – Baltimore Gardens Townhomes
 Mingo – Logan Mingo Area Mental Health
 Monongalia – WVU Women & Children’s Hospital
 Monroe – Mountain Valley Pipeline
 Morgan – Morgan County EMS
 Nicholas – Seneca Health
 Ohio – Menards
 Pendleton – Pendleton Manor Nursing Home
 Pleasants – Solvey Tea Project

Pocahontas – Green Bank Elem/Middle School
 Preston – Appalachian Hotel
 Putnam – Raleigh – Walmart
 Randolph – Davis and Elkins College
 Ritchie – North Bend Lodge
 Roane – Roane General Hospital
 Summers – Summers County High School
 Taylor – Route 50 Storage
 Tucker – Canaan Village Inn
 Upshur – Fred Eberle Technical Center
 Wayne – VA Medical Center
 Webster – Webster Nursing & Rehabilitation Center
 Wetzel – Covestro Energy
 Wirt – Ashton Pointe
 Wood – Camden Clark Memorial Hospital
 Wyoming – Twin Falls State Park Lodge

Inspection and Plan Review Money Collected

<u>DEPARTMENT</u>	<u>FY2016</u>	<u>FY 2017</u>	<u>FY 2018</u>	<u>FY 2019</u>	<u>FY 2020</u>
INSPECTIONS	\$122,838.00	\$144,679.00	\$118,024.00	\$130,016.00	\$118,751.00
PLAN REVIEW	\$655,543.49	\$815,837.46	\$712,194.00	\$967,511.00	\$723,015.00
TOTALS	\$778,381.49	\$960,516.46	\$830,218.00	\$1,097,527.00	\$841,766.00



Investigation Division



McDowell County/Photo by ASFM Hamrick

2020 Annual Report



Fire Investigation Division

STAFF

Division Director:

DSFM Jason D. Baltic, CFI, CFEI

Field Personnel:

Northern Regional Supervisor: ASFM George Harms, CFEI, CVFI

Southern Regional Supervisor: ASFM Robert Rodes II, CFI, CFEI

ASFM Shawn Alderman, CFI, CFEI

ASFM Ronald Ayersman, CFI, CFEI

ASFM Paul Alloway, CVFI

ASFM Timothy Chastain, CFEI, CVFI

ASFM Justin England, FIT, CFEI

ASFM Larry T. Hamrick, FIT, CFEI

ASFM Ryan McFarland

ASFM Rick Sovastion, ECT, CVFI

ASFM Joseph Vacchio, CFEI, CVFI

Secretary: Valerie Lacy



DSFM Baltic



ASFM Rodes



Ms. Valerie Lacy



ASFM Harms



ASFM Alderman



ASFM Alloway



ASFM Ayersman



ASFM Chastain



ASFM England



ASFM Hamrick



ASFM McFarland



ASFM Sovastion



ASFM Vacchio

INTRODUCTION

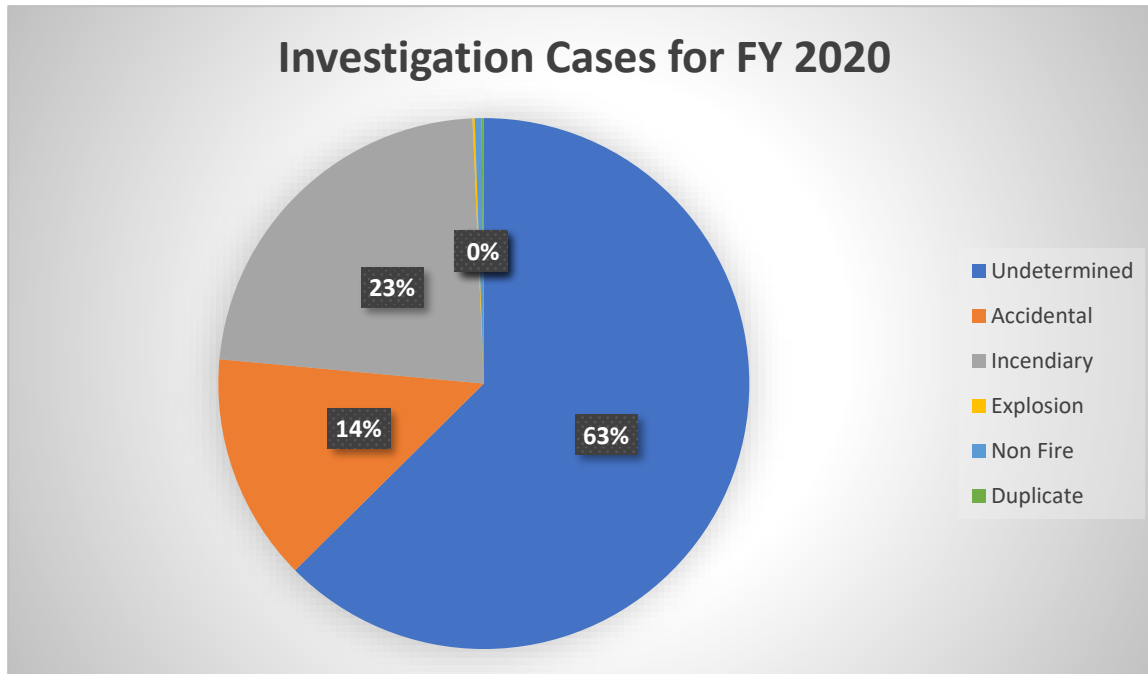
The Investigation Division current authorized staffing level is one (1) Field Deputy State Fire Marshal, two (2) Field Supervisors, nine (9) Assistant State Fire Marshals, and one (1) Secretary, when fully staffed.

Each Fire Marshal has a designated geographical territory ranging in size from two (2) to eight (8) counties, depending on their size and population. The Fire Marshal's primary duties encompass all aspects of fire/arson identification and enforcement including determining fire origin and cause, fire death investigations, executing state or federal search/arrest warrants and subsequently providing expert testimony in criminal and civil trials. In addition, each Fire Marshal is responsible for explosives related investigation/enforcement in their respective areas.

Many non-arson related violations are identified during an arson investigation, and are generally referred to other federal, state, or local law enforcement agencies for investigation/prosecution.



Berkeley County/Photo by ASFM Harms

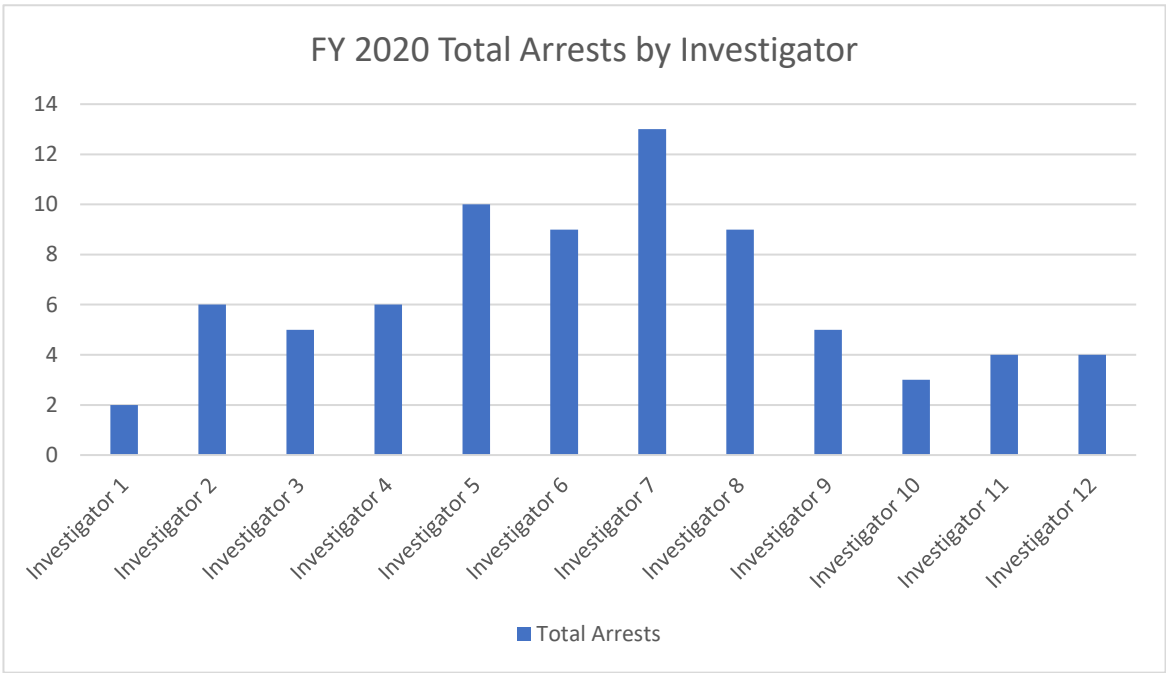


INVESTIGATIONS CASES WORKED

There was a total of seven hundred, thirty-five (735) incidents called in to the Arson Hotline requesting an investigation in the fiscal year 2020.

Out of the seven hundred, thirty-five (735) cases worked by State Fire Marshal investigators, one hundred, sixty-eight (168) of those were determined to be Incendiary, one hundred, two (102) were classified as Accidental, one (1) was classified as Explosion, and four hundred, sixty (460) were of Undetermined cause. In addition, there were three (3) Non-fire incidents and one duplicate incident.

Incidents are called into the West Virginia Fire Marshal Hotline (1-800-233-3473, FIRE) and are, from there, sent to the Deputy State Fire Marshal for the Investigation Division as well as Southern and Northern Regional Supervisors. Cases are assigned based on geographical area and by the investigator's case load. Each Investigator has a primary area assigned to them for emergency response.



ARRESTS

During the 2020 Fiscal Year, the Investigation Division handled One hundred, sixty-eight incidents classified as Incendiary. As a result, seventy-six (76) individuals were arrested on several different criminal charges or warrants for their arrest. State Fire Marshal Investigators had a twenty-four per cent (24%) arrest rate for the 2020 fiscal year.

Each year, investigators hone their skills through continuing education and training in law enforcement, arson investigation and criminal procedure and law in order to perform their jobs as West Virginia State Fire Marshals to prevent arson in the state of West Virginia.



Mason County/Photo by ASFM Chastain



Harrison County/Photo by ASFM Ayersman

FIRE FATALITIES

There were forty-three (43) fatalities during the 2020 fiscal year, the result of thirty-nine (39) fires. Two (2) of these fires resulted in multiple fatalities. Out of the forty-three (43), twenty-three (23) were classified as Undetermined, twelve (12) as Accidental, and six (6) as Incendiary. Five (5) fatalities, investigated by other agencies, have been included for statistical purposes.

The State of West Virginia is still above the national average by population for fire fatalities. However, through public education and assistance programs, the WV SFMO is working toward lowering those numbers.



Boone County/Photo by ASFM Alderman

Fire Fatality Statistical Data FY2020

7/14/19	Brooke	63/F	Undetermined
8/12/19	Logan	44/M	Undetermined
8/22/19	Harrison	27/M	Undetermined
8/22/19	Tyler	24/M	Undetermined
8/26/19	Wood	86/F, 84/M	Accidental
9/6/19	Monongalia	81/F	Undetermined
10/1/19	Monongalia	48/M	Accidental
10/4/19	Monongalia	63/F	Undetermined
10/7/19	Kanawha	54/F	Accidental
10/11/19	Kanawha	61/M	Accidental
10/30/19	Boone	59/F	Incendiary
11/4/19	Wood	56/M	Incendiary
11/4/19	Harrison	73/M	Undetermined
11/7/19	Tyler	63/M	Accidental
12/20/19	Wood	73/M	Undetermined
12/24/19	Kanawha	44/M	Incendiary
12/31/19	Cabell	82/M	Undetermined
1/10/2020	Harrison	89/F	Undetermined
1/11/2020	Wetzel	62/M	Accidental
2/5/2020	Wood	67/F	Accidental
2/7/2020	Taylor	61/M	Undetermined
2/10/2020	Summers	74/M	Undetermined
2/17/2020	Cabell	70/F	Undetermined
2/22/2020	Wyoming	51/M	Undetermined
3/1/2020	Summers	75/M	Undetermined
3/9/2020	Harrison	61/F	Undetermined
3/26/2020	Preston	14/M	Accidental
4/3/2020	Kanawha	82/F	Undetermined
4/11/2020	Kanawha	37/M	Incendiary
4/18/2020	Berkeley	54/M	Accidental
4/20/2020	Cabell	30/M, 8/F, 3/M, 2/M	Undetermined
4/22/2020	Wood	70/M	Undetermined
5/8/2020	Greenbrier	43/M	Undetermined
5/16/2020	Mingo	44/M	Incendiary
5/16/2020	Kanawha	50/F	Undetermined
5/21/2020	Monroe	93/M	Accidental
6/10/2020	Harrison	67/M	Accidental
6/21/2020	McDowell	42/M	Incendiary
6/29/2020	McDowell	62/M	Accidental

West Virginia State Fire Marshal Accident Injury Review Team FY2020



Mineral County/Photo obtained by ASFM Vacchio through social media

The West Virginia State Fire Marshal Accident Injury Review Team (WVSFM ART) responsibility is to determine the cause of an accident involving death or serious injury of agency personnel and any West Virginia Fire Service personnel while on duty. The accident investigation is a methodical collection of evidence, facts, and reasons of an incident. The goal of the analysis and interpretation of the collected evidence is to: 1) identify cause(s) of an incident, and 2) recommend corrective action(s) to prevent or minimize reoccurrence. Below is the annual report of this past year's incidents that the team was notified of. The State Fire Marshal continually works with the fire service in the state to report these incidents so they can be investigated and learn from them.

August 5, 2019 – Jefferson County

During a swift water rescue training exercise on the Potomac River, a boat collided with a rock causing two firefighters to be thrown into the water. Those firefighters were able to self-rescue and climb onto rocks in the river. A "Mayday" was called, and rescue efforts began. Once all crews were off the water, four firefighters were treated for hyperthermia and one of which also a knee injury. All refused EMS transport to a medical facility.

August 23, 2019 – Mingo County

There were four firefighters who complained of breathing problems and believed they were exposed to some type of chemical agent during a structure fire. All four were transported to a medical facility. The investigation did not locate anything that was believed to cause the breathing issues. All four were treated and released from the medical facility the same day.

September 30, 2019 – Mingo County

One firefighter was transported to a medical facility due to heat exhaustion and over-exertion from a structure fire. The firefighter was treated and released the same day.

October 4, 2019 – Monroe County

Firefighters were injured due to an Engine crash while responding to an incident. All were treated and released.

November 25, 2019 – Roane County

A “Mayday” was called at a structure fire when two firefighters became separated while making an interior fire attack in an apartment building fire. One firefighter was able to escape the same place they first entered. The second firefighter located a wall and followed it until finding a window as his SCBA low air alarm began to sound. Both escaped without injury.

January 11, 2020 – Roane County

While responding for mutual aid to a structure fire, a Tanker crashed and rolled over the embankment. The lone firefighter in the apparatus died before they could be extricated from the wreckage.

March 11, 2020 – Wood County

One firefighter was injured during search operations at a residential structure fire. The firefighter entered the structure alone and with additional air the fire grew quickly and blocked the doorway. The firefighter went through the fire to get to the only exit he knew of without searching for another. He received second-degree burns to his shoulders. His PPE was damaged beyond repair including his SCBA. The firefighter was treated and released the same day and returned to duty thereafter. The investigation determined that the fire was incendiary in cause. An adult male was arrested and charged with First-Degree Arson and Arson Causing Injury.

April 1, 2020 – Logan County

During overhaul operations at a structure fire, a firefighter was struck in the mouth with a pike pole. He was transported to a medical facility where he was treated and released the same day.

April 22, 2020 – Marion County

Three firefighters were injured while conducting fire suppression activities at a residential structure fire. While inside the residence the floor collapsed under the firefighters and fell into the basement, a “Mayday” was called. No one was transported to a medical facility from the scene.

June 20, 2020 – McDowell County

A firefighter collapsed at the scene of a structure fire after assisting a subject from a mobile home that the fire from the neighboring residence had extended to. The firefighter was transported to the nearest medical facility where they were pronounced dead. The firefighter’s cause of death was listed as inhalation of combustible materials from a fire and over exertion. The original fire was determined to be incendiary and a subject was arrested and charged with First-Degree Arson and First-Degree Murder due to the firefighter’s death.



Roane County/Photo by DSFM Baltic



Preston County/Photo by ASFM Sovastion



Harrison County/Photo by ASFM Alloway



Photo by ASFM McFarland



Morgan County/Photo by ASFM Harms

Fire Investigation Training For First Responders



Summers County/Photo by ASFM Rodes

Every year Fire Marshals from the Investigation Division are requested to teach fire investigation classes throughout the state. Fire departments and local law enforcement are at the scene of a fire prior to our investigators and they need to know what to look for in a possible case of Arson. Classes are taught at County fire schools, E.S.C.A.P.E. week at Pipestem Resort, and at requesting fire departments or law enforcement agencies.

Multiple classes during the year were offered in conjunction with the State Fire Commission, West Virginia University – Fire Service Extension, and the West Virginia Department of Education. Only Certified Fire Investigators from our agency may teach fire investigation classes, with the exception of Fire Investigation 1 and 3. Fire Investigation 1 may be taught by a Certified Fire Investigator from outside the agency with our approval. Two attorneys within the State assist with Fire Investigation 3 which is mainly concerning laws and courtroom testimony.

Classes Provided:

- Fire Investigation 1
- Fire Investigation 2
- Fire Investigation 3
- Evidence Collection for Fire Investigators
- Evidence Preservation

State Fire Marshal Firearms Training



Barboursville City Police Department Firing Range/Fall 2019

All sworn employees of the State Fire Marshal's Office carry firearms on duty and train with them frequently. There are two qualification trainings that occur each year for daytime and low-light weapons training. Fire Marshals must pass each qualification session in order to carry their firearms. Each Fire Marshal is issued a Glock 21, .45 Caliber handgun and will soon be issued AR rifles to be securely stored in their vehicles. In addition, Marshals of the Investigation Division carry Remington 870, 12 Gauge shotguns which are likewise securely stored in their vehicles.

There were five Fire Marshals that acted as Firearms Instructors within the agency:

DSFM Jason D. Baltic
ASFM Robert S. Rodes II
ASFM Timothy Mouse
ASFM Larry T. Hamrick
CDSFM Robert Sharp

All firearms instructors are State Certified Instructors that train for several hours to acquire and retain their certification.



WV State Fire Marshal



@WVfiremarshal

West Virginia
State Fire Marshal's Office
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Charleston, WV 25307
(304) 558-2191

www.firemarshal.wv.gov