



*WEST VIRGINIA
STATE FIRE MARSHAL
&
STATE FIRE COMMISSION
FY 2022 ANNUAL REPORT
KENNETH E TYREE JR
STATE FIRE MARSHAL*

www.FireMarshal.wv.gov



1207 Quarrier Street

2nd Floor

Charleston, WV 25301

Phone (304) 558 – 2191

Fax (304) 558 – 2537

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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, 2022

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 2022.

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 inquiries in the future.

Sincerely,

A handwritten signature in blue ink, appearing to read "Grant Gunnoe", is written over a light blue horizontal line.

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

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October 1, 2022

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 2022 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 "KE Tyree".

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





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
 - Disciplinary Committee
- Legislative and Codes Committee
- Training Committee
- VFD Equipment and Training Grant Fund 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



Steven Byers

Steven was appointed to the State Fire Commission by Governor Justice in November of 2020. He began his career in the fire service in June of 1988 when he joined the Jackson's Mill VFD as a junior member. Since 2006 he has held the position of Chief at that same department.



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.



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 (22yrs), Secretary & Treasurer of the Professional Fire Fighters of West Virginia (12yrs) and President of Tri-State District Labor Council (8yrs). 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.



Edward J. George

Edward was appointed to the State Fire Commission by Governor Jim Justice in June of 2018 and reappointed in June of 2022. He was appointed to represent Business and Industry interests. 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, energy generation, and beverage alcohol regulation. Edward's career also includes past service as a metro-Philadelphia firefighter. Edward also serves as a reserve police officer.



Grant Gunnoe

Grant represents the Paid Firefighters in West Virginia and was appointed to 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.



Brian Jones

Brian represents the Paid Firefighters and was appointed to the Fire Commission by Governor Justice on July 15th, 2021. He retired as a Lieutenant from the North Side Fire Station in Morgantown after 24 years of service. He served as Vice President of IAFF Local 313 and as President of the Professional Fire Fighters of West Virginia from 2006 to 2021.



Phil Hart

Phil was appointed to the Fire Commission by Governor Tomblin in 2016, representing 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 Justice in 2020. Jim is a 42-year member of the International Brotherhood of Electrical Workers, Local 466, Charleston, WV, AFL/CIO. Jim is a 45-year member of the Alum Creek Volunteer Fire Department and has served 38 years in the position of Fire Chief. Jim is a Certified Fire Officer and Fire Instructor. Currently he 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. In addition, Commissioner Keefer is the Administrator for the Kanawha-Putnam Emergency Planning Committee.



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 24 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 currently Chairman of the local LEPC 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 36-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 29 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 34 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 24 years of service as a Fire Service Instructor.



Personnel Listed by Division

Administration Division

State Fire Marshal	Kenneth E. Tyree
Chief Deputy State Fire Marshal	Robert D. Bailey IV
Administrative Secretary	Kathryn Burns
Administrative Services Assistant I	Courtney Aston
Office Assistant III	Janice Patton
Public Information Specialist I	Timothy Rock

Fire Services Division

Deputy State Fire Marshal	Dave Blaylock
Administrative Service Assistant 2	Kayla Burns
Assistant Fire Marshal II	Bradley Scott
Administrative Services Assistant I	Dawn Owens
Data Analyst I	Alice Morrison
Regulatory and Licensing Support Specialist II	Rachel Gates
Regulatory and Licensing Support Specialist II	Kathleen Boggess
Regulatory and Licensing Support Specialist II	Mary Smith

Fire Inspection & Plans Review Division

Deputy State Fire Marshal	Vacant
Assistant State Fire Marshal III	Jeff Armentrout
	John Oliver
	Vacant
Assistant State Fire Marshal II	Everett Chapman
	John Holben
	Nevin Kilmer
	Timothy Mouse
	Bobby Palmer
	Shawn Petry
	Timothy Provaznik
	Mark Stewart
	Ronald Williams
Assistant State Fire Marshal I	Lonnie Cogar
	Richard Hacker
	Lemarr Maynard
	James Owens
Assistant Fire Marshal In-Training	Cody Foutty
	Joseph Jackson
	Stephen Seminsky
Fire Safety Plans Examiner Supervisor	Jennifer Price
Fire Safety Plans Examiner II	Lucas Lett
Fire Safety Plans Examiner I	Vacant
Secretary I	Caylee Slack
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

Justin England

Larry Hamrick

James Lewis

Rick Sovastion

Joseph Vacchio

Paul Alloway

Valerie J. Carpenter



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 D. Bailey IV
Administrative Secretary	Kathryn Burns
Administrative Services Assistant I	Courtney Aston
Office Assistant III	Janice Patton
Public Information Specialist I	Tim Rock

Administration Section

In Fiscal Year 22 the Administration Division has been operating with full staffing and continues to work with other agency staff on needs as they arrive.

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, overseeing worker's compensation claims and the co-ordination of WV State Fire Commission Meetings. 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 one hundred and ninety-two (192) 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 disbursement of 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. A return to in-person training in Fiscal Year 22 has been welcomed and informative.

Public Education Division Annual Report FY 2022

Work to lower the fire death rates in the state while being an ambassador for the WV State Fire Marshal's Office

Public Education Staff:

**Division Director: Chief Deputy
Robert D. Bailey IV**

**Public Information Specialist:
Timothy Rock**

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 WV Public Education Network; Fire and Life Safety School; fire safety resources and public information; and the administration of the Fire Safe Cigarettes certification for tobacco manufacturers.

The Public Education Division works to build strong relationships and implement action plans around the state with agencies and organizations who will assist in helping spread fire prevention safety.

Partnering with local fire departments ensures that we can provide smoke alarms to all state households that need one.

Using newer and better forms of data-gathering and evaluation we can use this data to identify high-risk populations and areas.

Objectives:

Fire and injury prevention for all groups, including high risk individuals such as seniors, those with disabilities and young children.

Train-the-trainer instruction in public fire and safety education for firefighters and other emergency responders.

Fireworks safety and laws for the public.

Smoke alarm education and distribution.

Public seminars and speaking for various civilian and first responders.

Participation in health and safety fairs, festivals, seminars, and career days.

Active membership in area health and safety organizations.

Media relations with local and state TV, newspaper, radio, and web organizations including press conferences, press releases, interviews.

Daily contact with public on social media (Facebook and Twitter) on topics related to fire safety, topical news and press releases concerning this office.

Public Education Continued

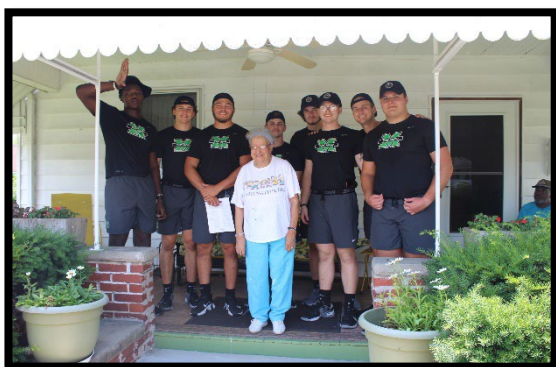
The WV SFMO Twitter page had over 4,000 followers and the Facebook page had over 15,000 followers. Both fire safety messaging and news releases were posted using these pages and citizens and journalists used them to keep up to date on the happenings at the WV SFMO.

Fire Prevention Week was still going strong in 2021, with the theme of “Learn the Sounds of Fire Safety”. The WV SFMO partnered with agencies across the state to share the message of the importance of fire safety.

The big event during the FY of 2021-22 occurred on June 22, when the WV SFMO partnered with the Marshall University Football team, the Huntington Fire Department, and the American Red Cross to install smoke alarms in the Fairfield community of the city of Huntington. Football players broke up in to 12 different groups and spread across the neighborhood to not only install smoke alarms, but to meet the citizens within the community and have important discussions on fire safety. Nearly 100 alarms were installed, making the event a huge success.

The WV SFMO acquired hundreds of smoke alarms earlier in the 2022 year and was able to share these alarms with Fire Departments across the state to distribute and install these them. The WV SFMO maintains a database of all the smoke alarm installations that have occurred since 2015. The purpose of this database is to not only track the installations, but to also track the lifespan of the alarms themselves, since replacement is recommended after 10 years.

The WV SFMO also began another partnership with the National Fire Protection Association (NFPA) on the Community Risk Assessment Insight Generator (CRAIG) 1300 project. This project works to merge data that is supplied through our local fire departments via the National Fire Incident Reporting System (NFIRS), along with other demographic information, to help paint a picture of how we can better serve our communities in the field of fire prevention.



Marshall University Football, Huntington FD, American Red Cross, and the WV SFMO working together for Community Safety.



Fire Services Division

The Fire Services Division consists of two divisions, Regulatory and Licensing Division and Fire Department Services Division. Both are vital to the operations of the Fire Marshal's Office.

Staff

Deputy State Fire Marshal	David A. Blaylock
Assistant Fire Marshal II	Bradley "Sparky" Scott
Administrative Services Assistant II	Kayla Burns
Data Analyst I	Alice Morrison
Administrative Services Assistant I	Dawn Owens
Regulatory and Licensing Support Specialist II	Rachel Gates
Regulatory and Licensing Support Specialist II	Kathleen Boggess
Regulatory and Licensing Support Specialist II	Mary Smith
Regulatory and Licensing Support Specialist II	Malena Boggess

Regulatory and Licensing Division

The mission of the Regulatory and Licensing Division is to ensure that all West Virginians have a safer standard of living through the administration of the 7 main Licensing programs supervised by the Office of the State Marshal, which include Electricians, Electrical Inspectors, Home Inspectors, Building Code Officials, Pyrotechnicians, Blasters, and Fire Protection Workers.

Fiscal Year End Summary

During the Fiscal year 2021-2022 the Regulatory and Licensing division issued licenses to over 13,000 Electricians, processed approximately 3400 Fireworks and Blasting permits, certified nearly 1000 Fire Protection Workers, Home Inspectors, Electrical Inspectors, and Building Code Officials. The Regulatory and Licensing Division is responsible for proctoring over 2100 Electricians, Pyrotechnicians, and Fire Protection Workers Exams at 5 different locations throughout the state and has processed and/or investigated 74 complaints related to license and permit holders.

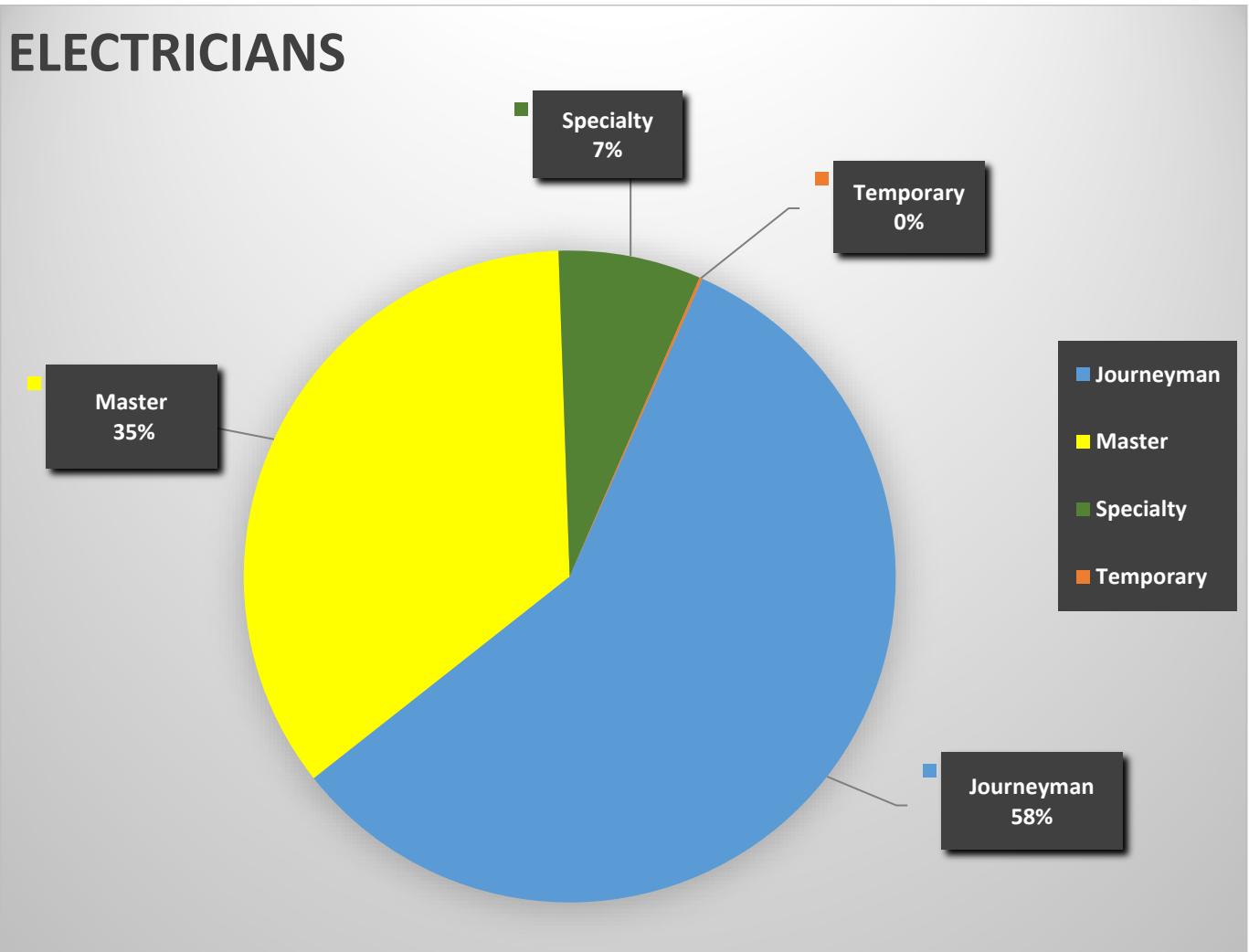
David A. Blaylock, DSFM

Fire Services Division Director

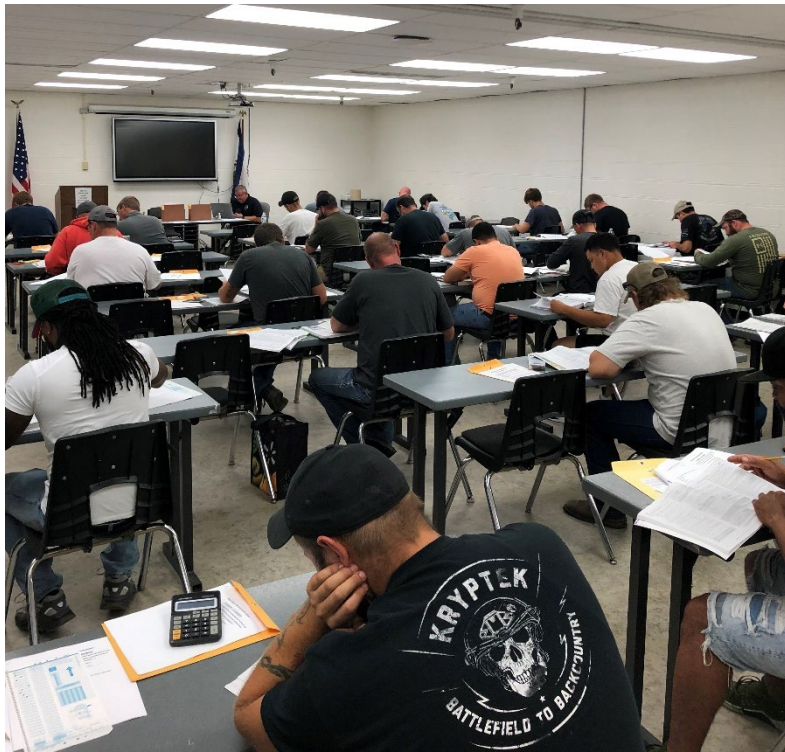
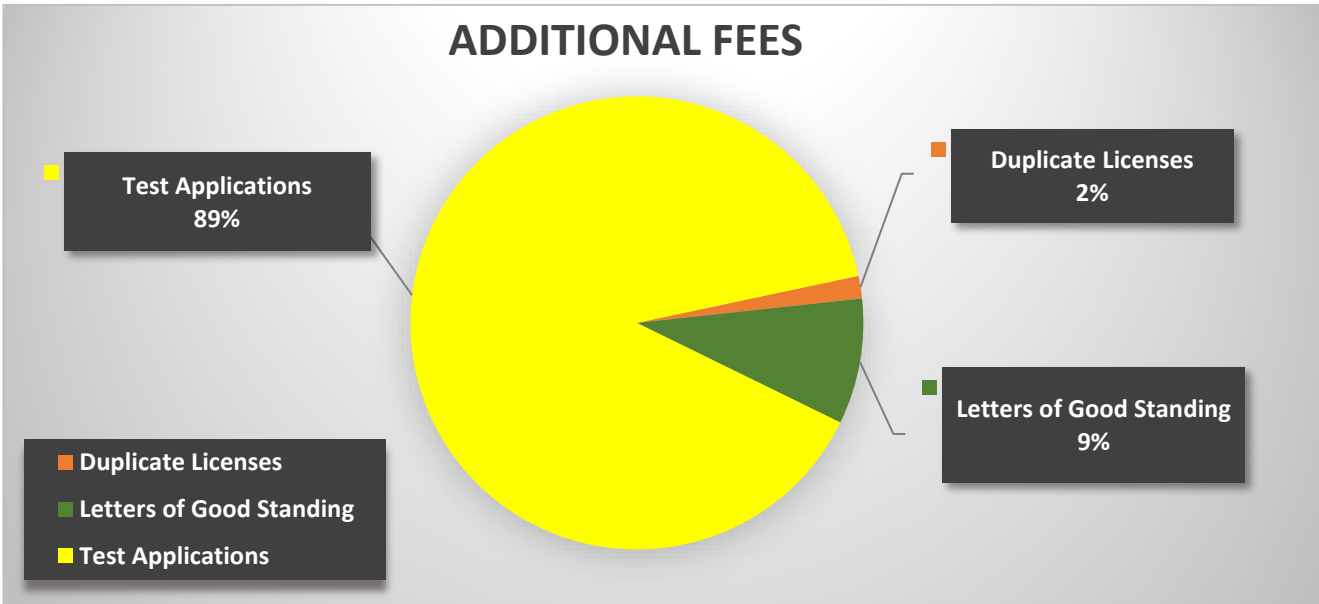


Services Staff (left to right) – David Blaylock, Mary Smith, Dawn Owens, Rachel Gates, Alice Morrison, Malena Boggess, Kathleen Boggess and Bradley Scott.

ELECTRICIANS		
License Type	Number Issued	Total Fees Collected
Journeyman	7,688	\$408,930.00
Master	4,673	\$241,465.00
Specialty	943	\$49,485.00
Temporary	18	\$900.00
TOTAL	13,322	\$700,780.00

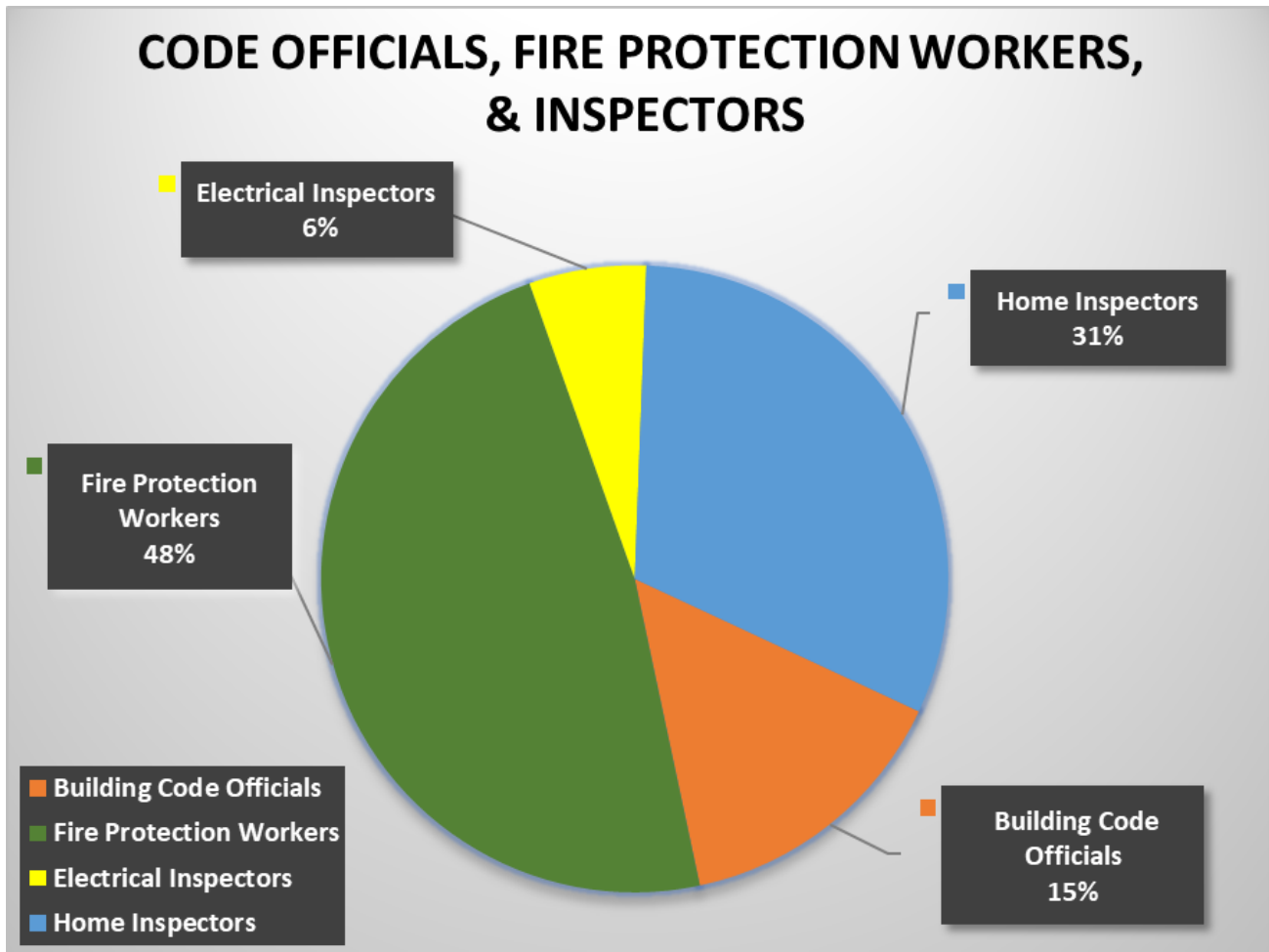


ADDITIONAL FEES		
Type	Total Number	Total Fees Collected
Duplicate Licenses	38	\$390.00
Letters of Good Standing	212	\$5,380.00
Test Applications	2,113	\$44,875.00
Total	2363	\$50,645.00

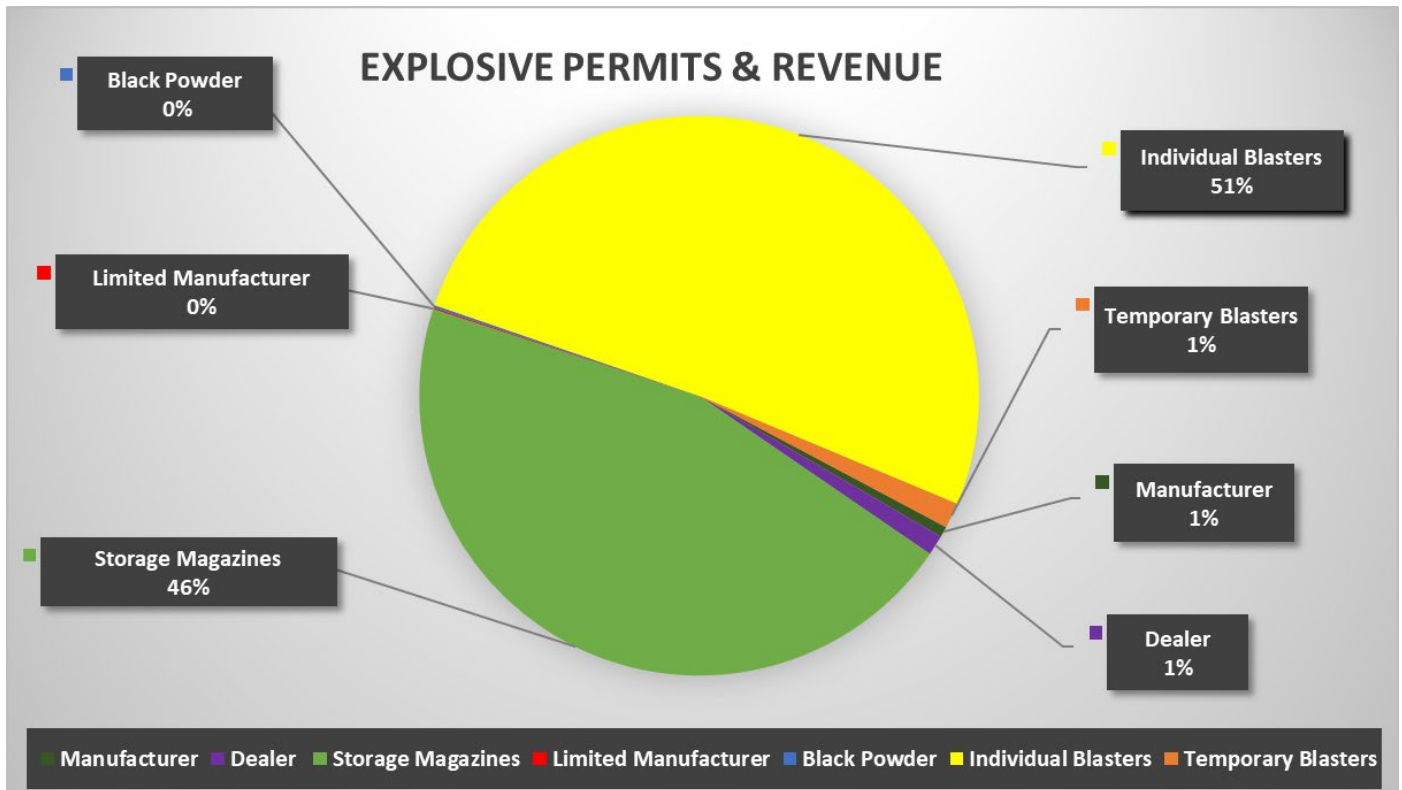


Regulatory and Licensing Test Proctor

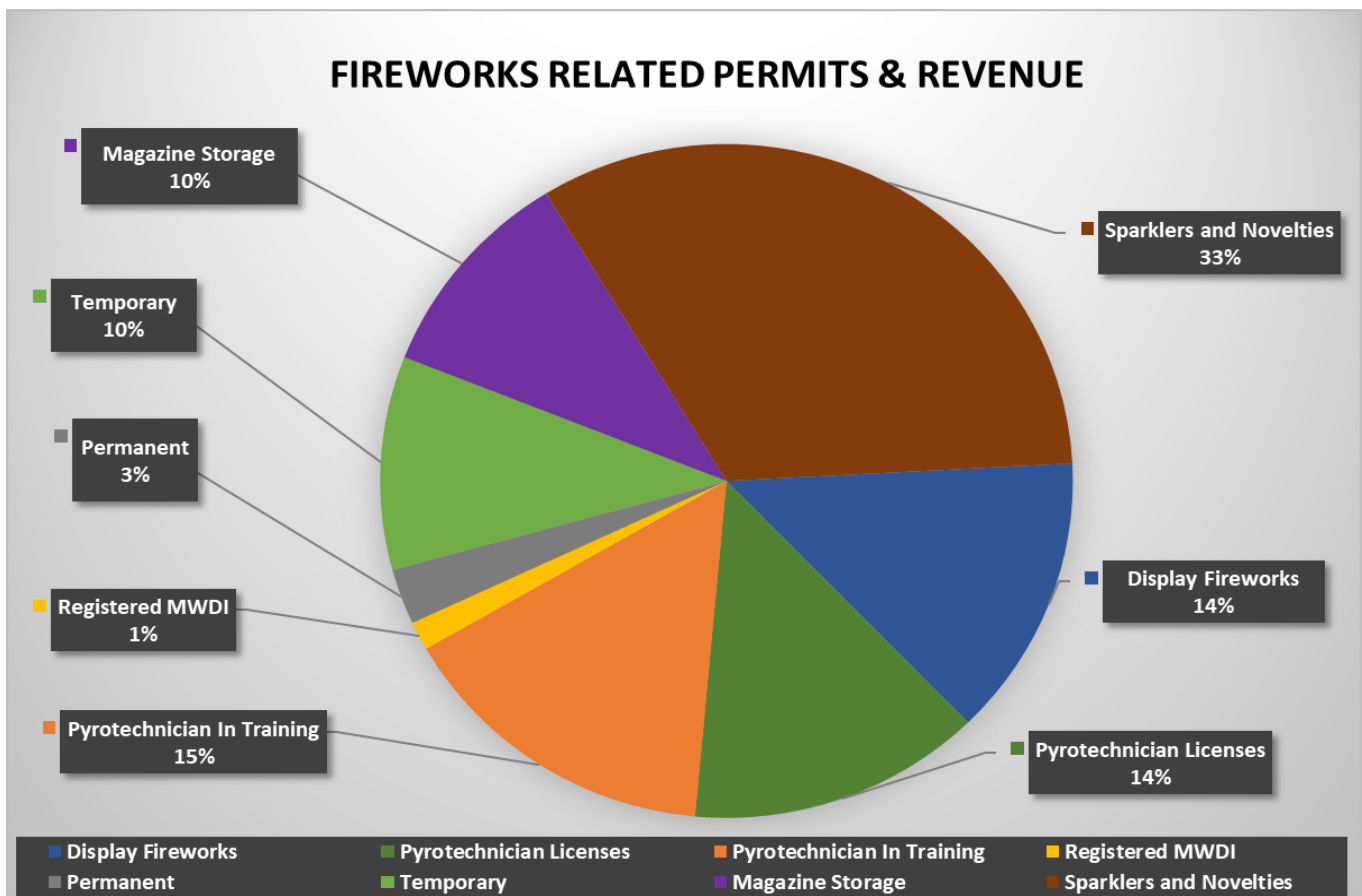
CODE OFFICIALS, FIRE PROTECTION WORKERS, & INSPECTORS		
License Type	Number Issued	Total Fees Collected
Building Code Officials	139	\$10,800.00
Fire Protection Workers	452	\$60,100.00
Electrical Inspectors	57	\$5,900.00
Home Inspectors	296	\$34,650.00
Total	944	\$111,450.00



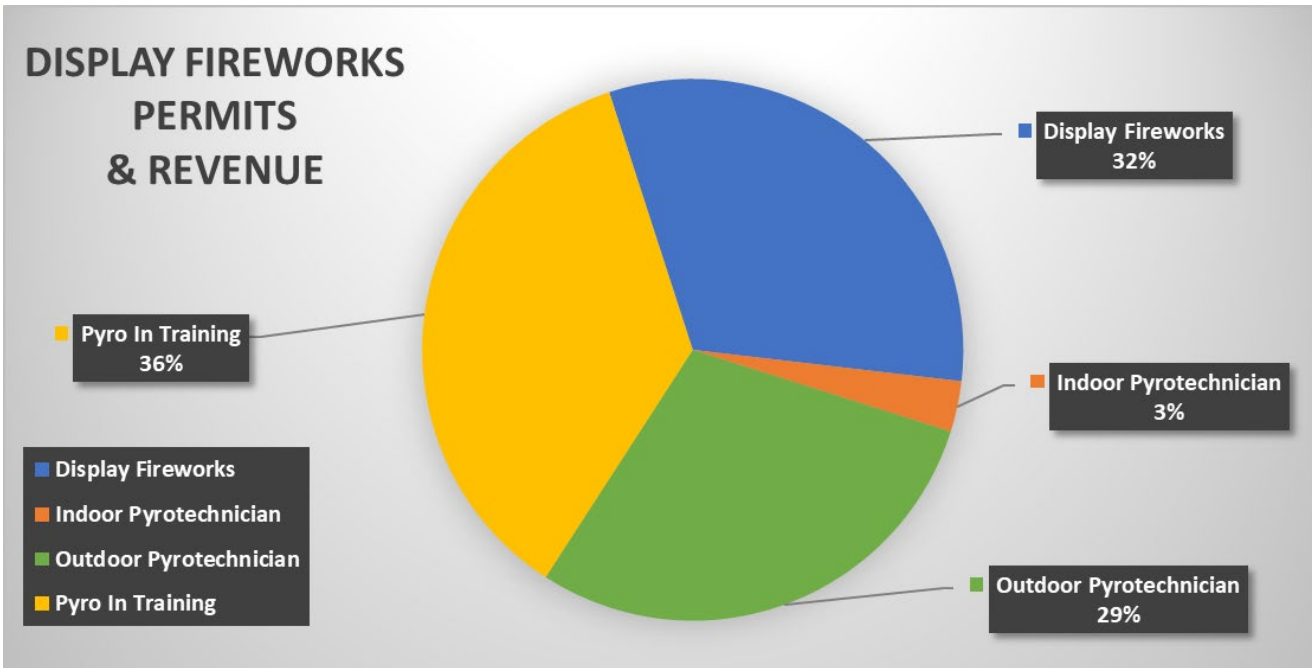
EXPLOSIVE PERMITS & REVENUE		
Type of Permit	Number Issued	Total Fees Collected
Manufacturer	8	\$8,000.00
Dealer	15	\$7,580.00
Storage Magazines	588	\$59,280.00
Limited Manufacturer	1	\$250.00
Black Powder	2	\$100.00
Individual Blasters	660	\$43,375.00
Temporary Blasters	19	\$1,625.00
Total	1293	\$120,210.00



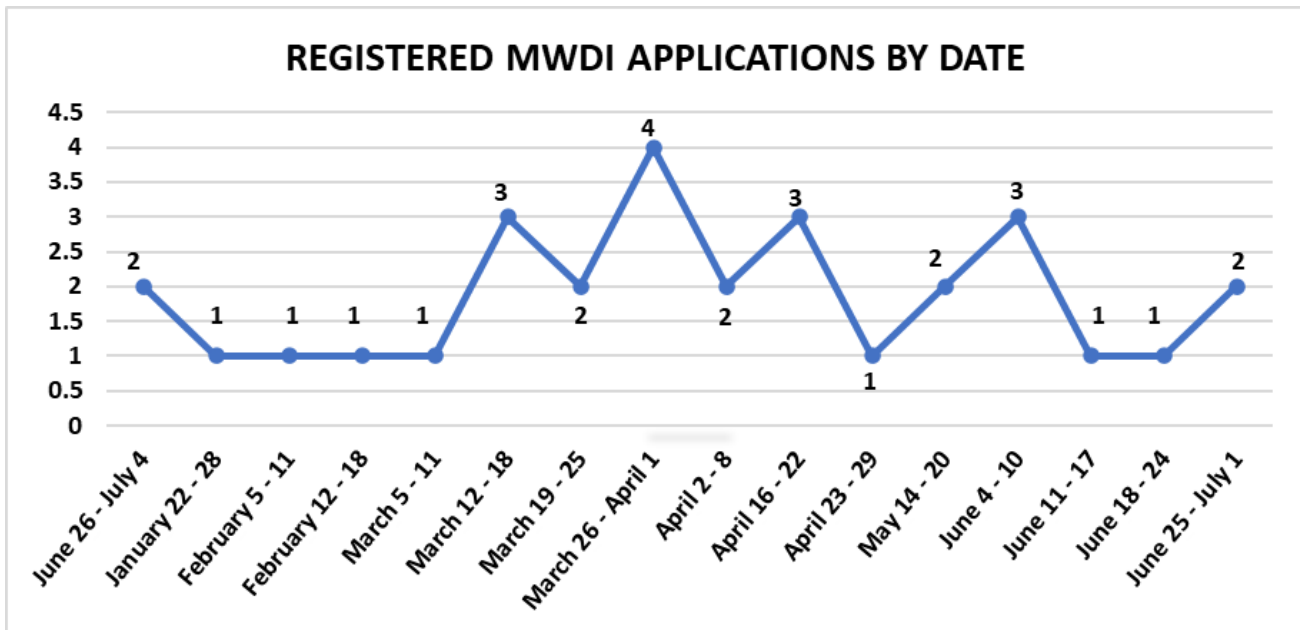
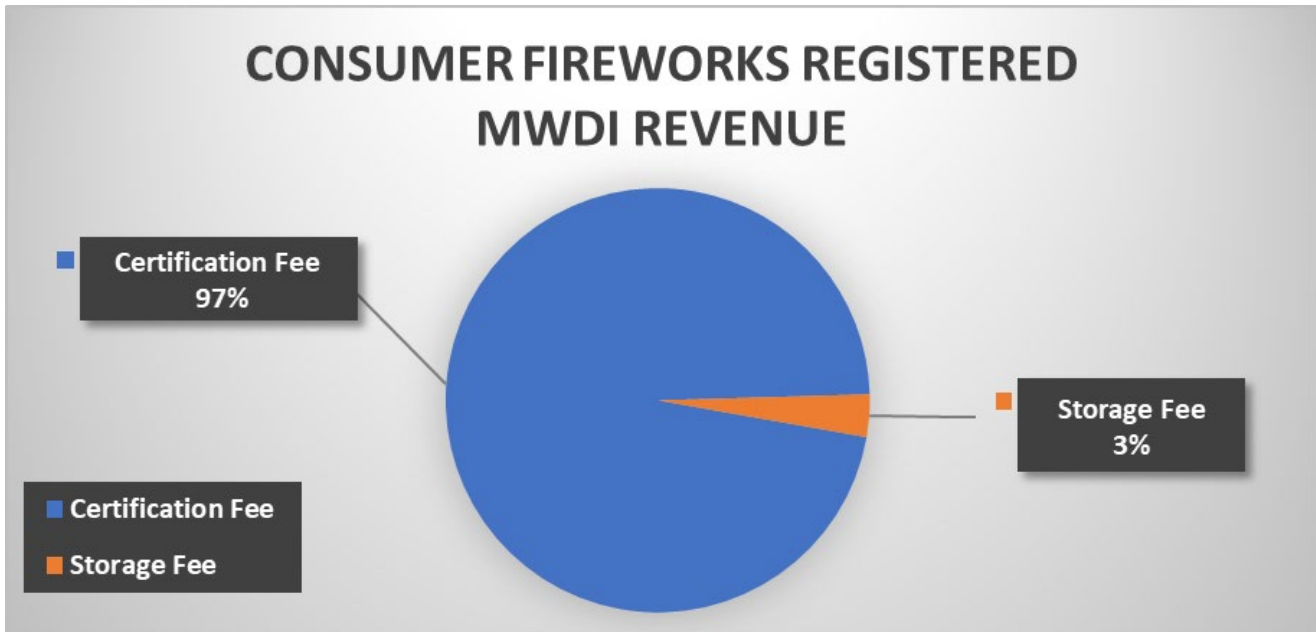
FIREWORKS RELATED PERMITS & REVENUE		
Type of Permit	Number Issued	Total Fees Collected
Display Fireworks	295	\$23,955.00
Pyrotechnician Licenses	299	\$6,360.00
Pyrotechnician In Training	332	\$6,720.00
Registered MWDI	30	\$27,000.00
Permanent	58	\$60,320.00
Temporary	223	\$120,420.00
Magazine Storage	224	\$22,400.00
Sparklers and Novelties	716	\$10,740.00
Total	2177	\$277,915.00



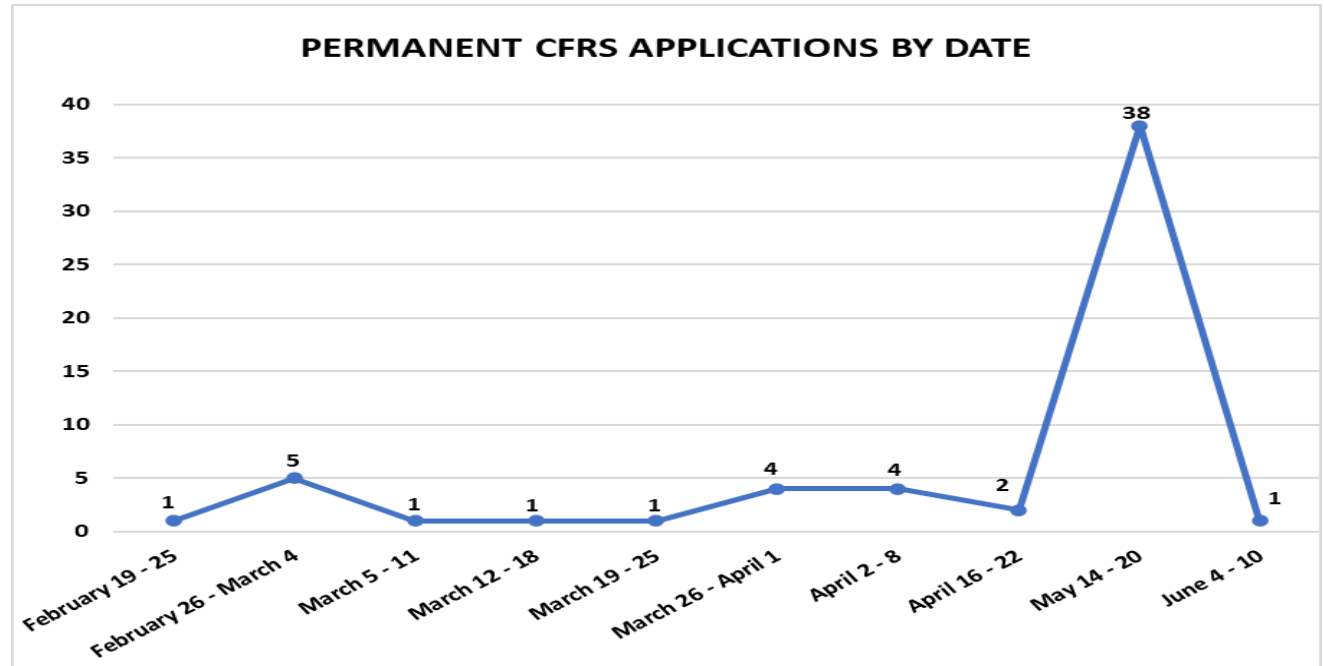
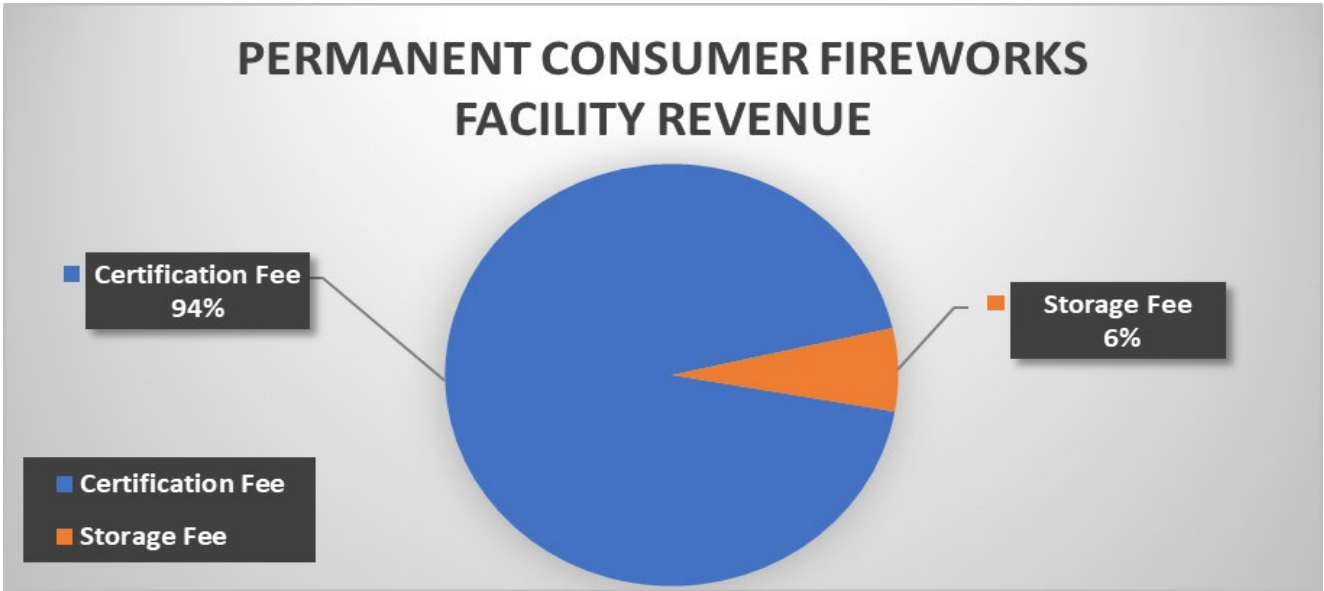
DISPLAY FIREWORKS PERMITS REVENUE		
Type of Permit	Number Issued	Total Fees Collected
Display Fireworks	295	\$23,955.00
Indoor Pyrotechnician	28	\$600.00
Outdoor Pyrotechnician	271	\$5,760.00
Pyro In Training	332	\$6,720.00
Total	926	\$37,035.00



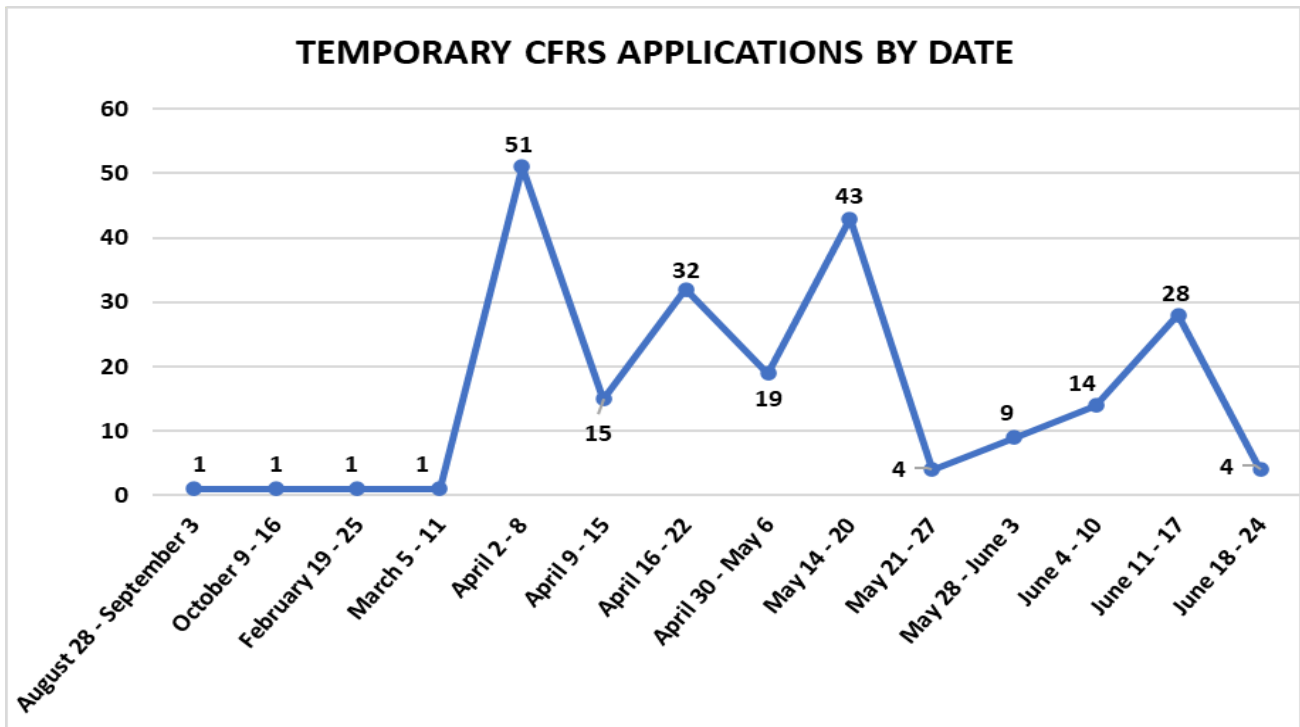
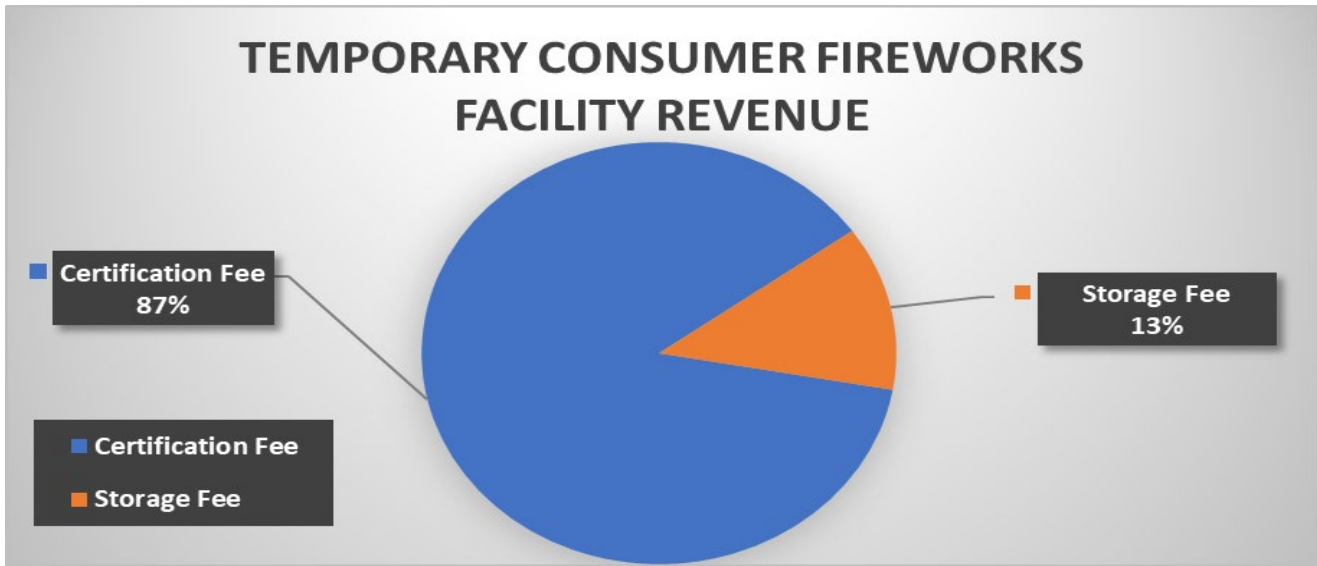
CONSUMER FIREWORKS REGISTERED MWDI REVENUE	
Type of Fee	Total Fees Collected
Certification Fee	\$27,000.00
Storage Fee	\$900.00
Total	\$27,900.00



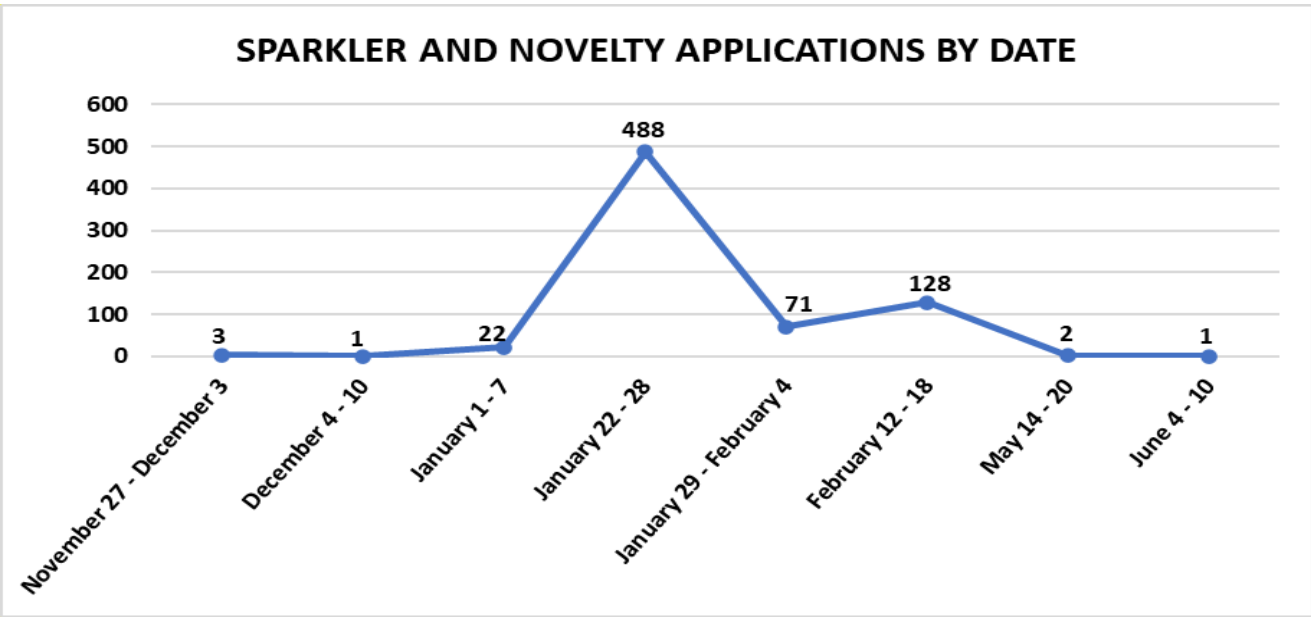
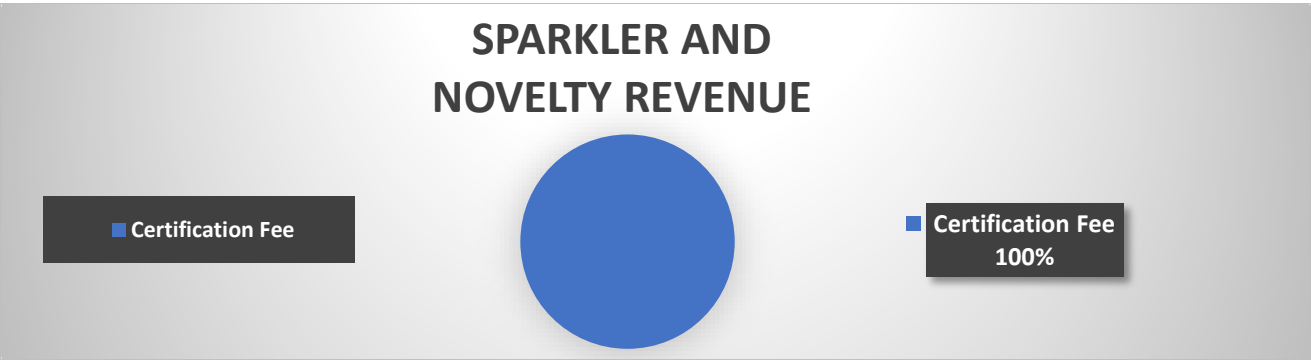
PERMANENT CONSUMER FIREWORKS FACILITY REVENUE	
Type of Fee	Total Fees Collected
Certification Fee	\$60,320.00
Storage Fee	\$4,100.00
Total	\$64,420.00



TEMPORARY CONSUMER FIREWORKS FACILITY REVENUE	
Type of Fee	Total Fees Collected
Certification Fee	\$120,420.00
Storage Fee	\$17,400.00
Total	\$137,820.00



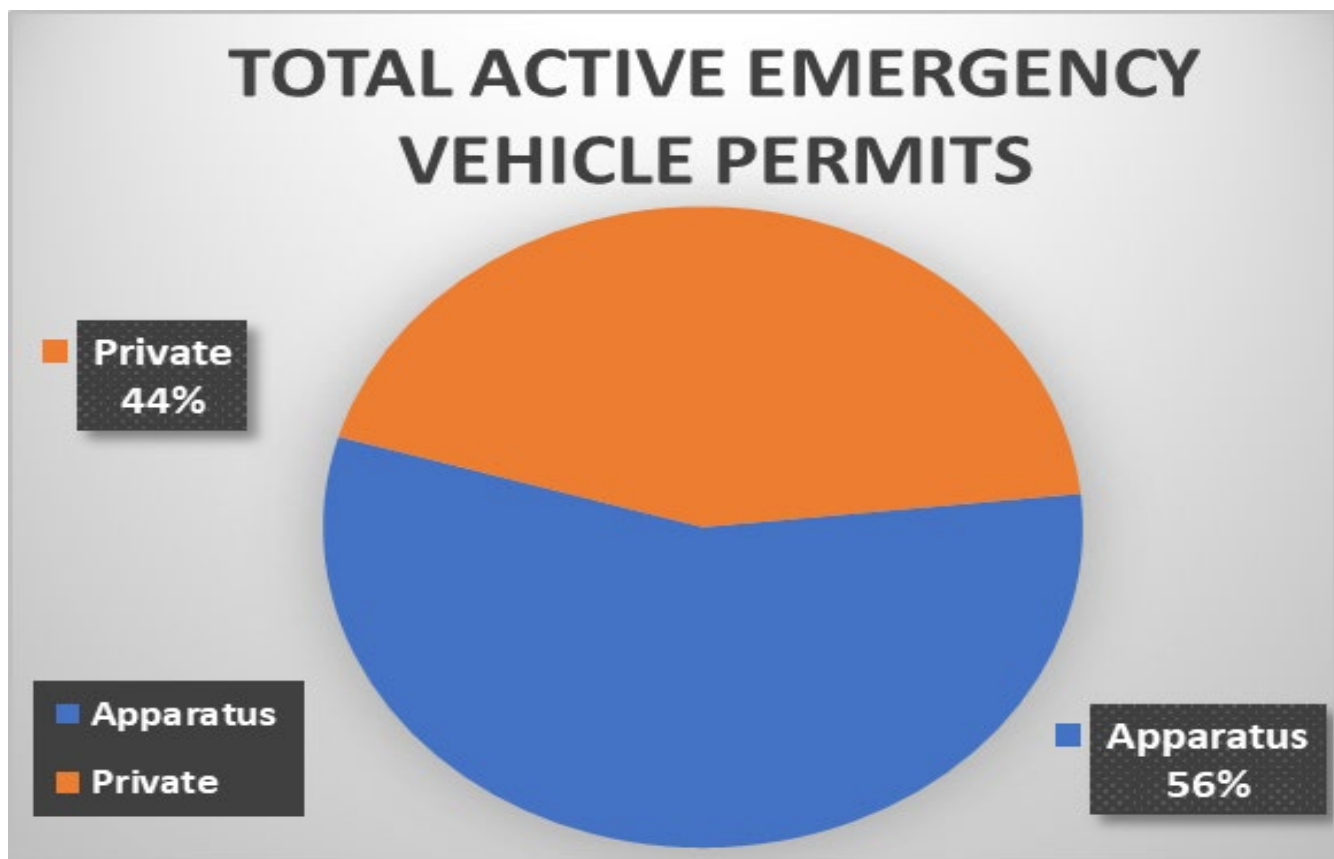
SPARKLER AND NOVELTY REVENUE	
Certification Fee	\$10,740.00



EMERGENCY VEHICLE PERMITS ISSUED	
Type of Permit	Number Issued
Apparatus	186
Private	384
Total	570

Deactivated Emergency Vehicle Permits	
Type of Permit	Number Deactivated
Apparatus	358
Private	929
Total	1287

TOTAL ACTIVE EMERGENCY VEHICLE PERMITS	
Apparatus	3,111
Private	2,423
Total	5,534



Additional Breakdown of Licenses and Permits Issued FY 2022

Electrician Licenses

	Total #	Total Fees
Electrician License Issued:	13322	\$692,680.00
Journeyman	7671	\$408,080.00
Master	4493	\$232,465.00
Electric Sign	22	\$1,200.00
HVAC	150	\$8,080.00
Low Voltage	576	\$30,270.00
Single Family Dwelling	191	\$9,735.00
Reciprocal Journeyman	17	\$850.00
Reciprocal Master	180	\$900.00
Reciprocal Low Voltage	4	\$200.00
Temporary Journeyman	10	\$500.00
Temporary Master	8	\$400.00

Fire Protection Worker Licenses

	Total #	Total Fees
Fire Protection Worker Licenses Issued:	452	\$60,100.00
Design Layout Technician	18	\$3,300.00
Engineered Fire Suppression System Installer	17	\$1,750.00
Engineered Fire Suppression System Technician	6	\$300.00
Pre-Engineered Fire Suppression System Installer	86	\$9,100.00
Pre-Engineered Fire Suppression System Technician	20	\$1,450.00
Fire Extinguisher Technician	140	\$13,400.00
Sprinkler Fitter Journeyman	165	\$30,800.00

Individual Blaster Licenses

	Total #	Total Fees
Individual Blaster Licenses Issued:	660	\$43,375.00
Class A Unlimited	211	\$16,865.00
Class B Aboveground	84	\$6,815.00
Class C Underground	0	\$0.00
Class D Demolition	16	\$1,200.00
Class E Seismic	7	\$350.00
Class F Agriculture	2	\$30.00
Class G Coal	79	\$5,125.00
Class G Helper	95	\$4,755.00
Class G Helper - Limited	6	\$360.00
Class G Special	160	\$7,875.00

Temporary Individual Blaster Licenses

	Total #	Total Fees
Individual Blaster Licenses Issued:	19	\$1,625.00
Class A Unlimited	1	\$115.00
Class B Aboveground	2	\$230.00
Class C Underground	0	\$0.00
Class D Demolition	0	\$0.00
Class E Seismic	0	\$0.00
Class F Agriculture	0	\$0.00
Class G Coal	4	\$320.00
Class G Helper	7	\$560.00
Class G Helper - Limited	0	\$0.00
Class G Special	5	\$400.00

Pyrotechnician Licenses

	Total #	Total Fees
Pyrotechnician Licenses Issued:	631	\$13,080.00
Indoor Pyrotechnician	28	\$600.00
Outdoor Pyrotechnician	271	\$5,760.00
Pyrotechnician In Training	332	\$6,720.00

Building Code Official Certifications

	Total #	Total Fees
Building Code Certifications Issued:	139	\$10,800.00
Code Official	21	\$1,900.00
Code Inspector	66	\$4,950.00
Code Plans Examiner	25	\$1,925.00
Provisional Code Official/Inspector/Plans Examiner	27	\$2,025.00

Electrical Inspector Certifications

	Total #	Total Fees
Electrical Inspector Certifications Issued:	57	\$5,900.00
Class A - One and Two Family Dwellings	17	\$1,750.00
Class B - All Structures	34	\$3,550.00
Class C - All Structures and Plans Review	6	\$600.00

Home Inspector Certifications

	Total #	Total Fees
Home Inspector Certifications Issued:	296	34,650

Company Explosive Permits

	Total #	Total Fees
Total Company Explosive Permits Issued:	614	\$75,210.00
Dealer	15	\$7,580.00
Manufacturer	8	\$8,000.00
Storage	588	\$59,280.00
Limited Manufacturer	1	\$250.00
Black Powder	2	\$100.00

Public Display Fireworks Permits

	Total #	Total Fees
Total Public Display Fireworks Permits Issued:	295	\$23,955.00

Exam Applications

	Total #	Total Fees
Exam Applications Processed:	2113	\$44,875.00
Journeyman	1341	\$29,055.00
Master	631	\$12,445.00
Electric Sign	3	\$75.00
HVAC	9	\$225.00
Low Voltage	95	\$2,195.00
Single Family Dwelling	26	\$560.00
Indoor Pyrotechnician	0	\$0.00
Outdoor Pyrotechnician	8	\$320.00

	Total #
Graded Exams:	1456

Miscellaneous

	Total #	Total Fees
Letters of Good Standing Issued:	212	\$5,380.00
Duplicate Licenses Issued and Misc:	38	\$390.00

Summary:

Licenses Issued & Total License Fees:	15084	\$810,860.00
Certifications Issued & Total Certification Fees:	492	\$51,350.00
Permits Issued & Total Permit Fees:	909	\$99,165.00
Exam Applications Processed & Total Exam Fees:	2113	\$44,875.00
Misc Issued & Total Misc Fees:	250	\$5,770.00

Consumer Fireworks

	Total #	Total Fees
Permanent	58	\$60,320.00
Temporary	223	\$120,420.00
Wholesaler	30	\$27,000.00
Outdoor Storage	224	\$22,400.00
Sparklers and Novelties	716	\$10,740.00

Summary:

CFRS Certificates Issued & Total CFRS Fees:	1251	\$240,880.00
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EVP'S

	Total #
EVP'S Issued:	570
EVP'S Deactivated	1287
Total Active EVP'S	5,534

Fire Department Services

The mission of the Fire Department Services Division is to ensure that all West Virginians have a safer standard of living through the oversight and regulation of all 439 certified fire departments in West Virginia. Fire Department Services Staff members accomplish by the evaluation of fire departments and the enforcement of training and safety compliance standards promulgated by the West Virginia Legislature and the West Virginia Fire Commission.

Ongoing statewide Community Risk Reduction efforts are enhanced by Fire Department Services management and analysis of all fire and non-fire related data collected through the National Fire Incident Reporting System (NFIRS) and Craig 1300 program.

Fire Department Services continues to strive for efficiencies through the implementing and upgrading of on-line applications, forms, and services relating to Fire Department inspections, evaluations, and complaints, Firefighter, Fire Officer, and Fire Chief certifications, Emergency Vehicle Permitting, and the Quarterly State Funding Program for Fire Departments.

The following is a short list of accomplishments during the fiscal year 2021-2022:

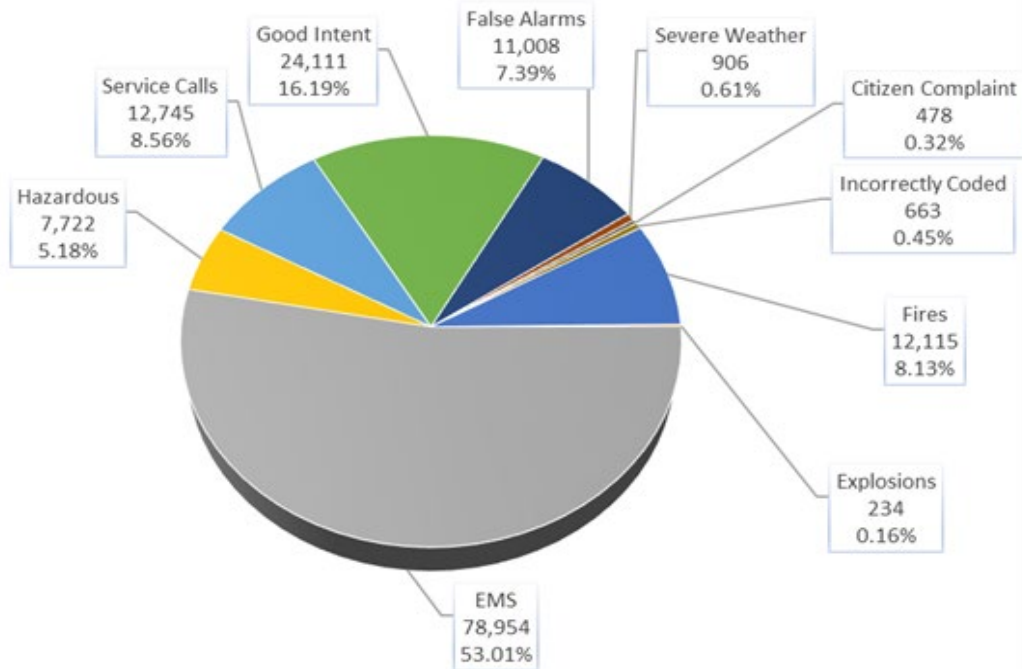
- Completed 121 evaluations of Fire Departments. 87 Fire Departments were Re-Certified.
- Received and investigated 12 complaints on fire departments.
- Fielded approximately 1,200 calls by office personnel, with the majority of those asking for assistance with the National Fire Incident Reporting System (NFIRS).
- Fielded approximately 4,000 calls by field personnel, relating to evaluations, training, worker's comp issues, boundary disputes, and complaints.
- Assisted 83 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.
- A total of 12 virtual NFIRS technical support and training sessions were held.
- Processed and evaluated 41 Fire Officer Equivalencies (21 Fire Officer 1, 20 Fire Officer 2). A total of 41 (21 FO1, 20 FO2) were approved.
- Processed 155 Freedom of Information Act requests.
- Assisted with 1 Firefighter Line of Duty Death in Braxton County.
- Processed 124 WV Volunteer Fire Department Equipment and Training Grant applications. Of that number, 123 were approved, 1 was disqualified. The total amount requested was \$843,727.00, and the total amount granted was \$708,861.00.
- 148,937 fire related emergency response data collected (up 15,840 from last year).

Due to Legislation allowing for a grace period for submission of fire loss data, Fiscal year 2021-2022 will not be available until after January 01, 2023. The following data is from Calendar year 2021 (January 01-December 31).

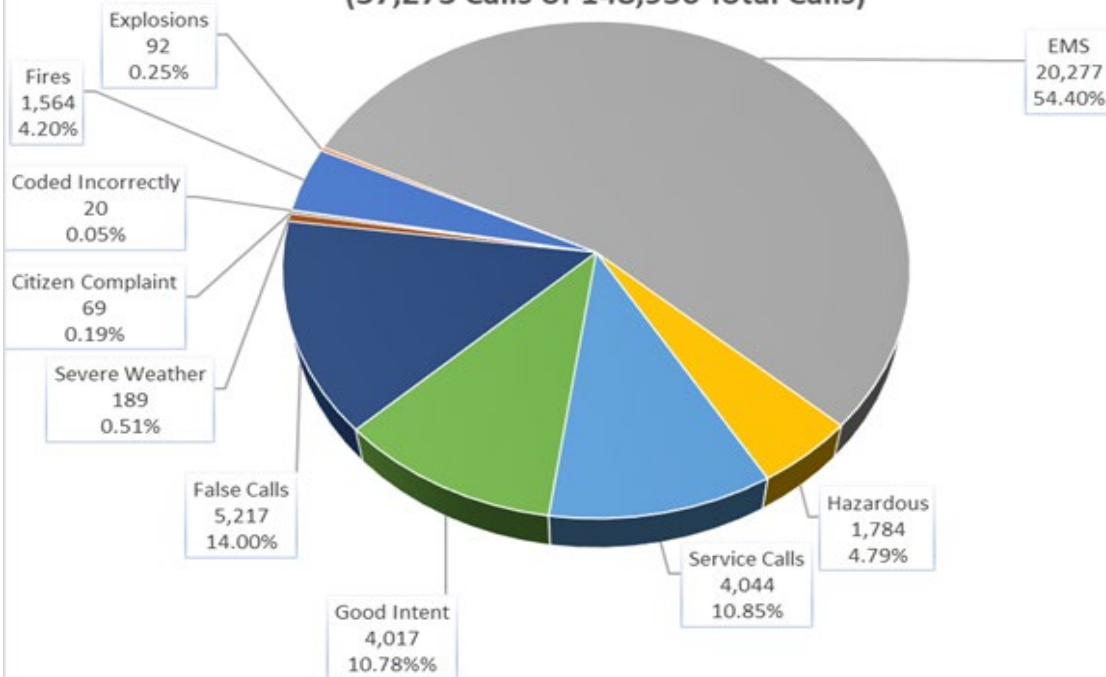
David A. Blaylock, DSFM

Fire Services Division Director

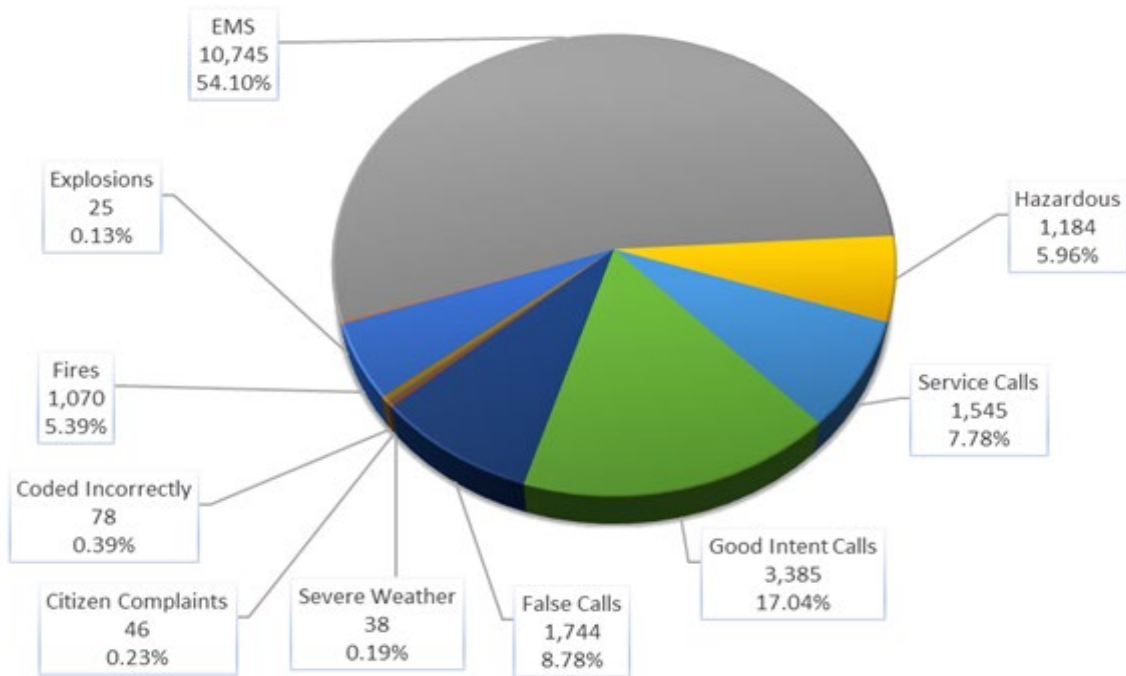
CY2021 All Call Types All Departments (148,936 Total Calls)



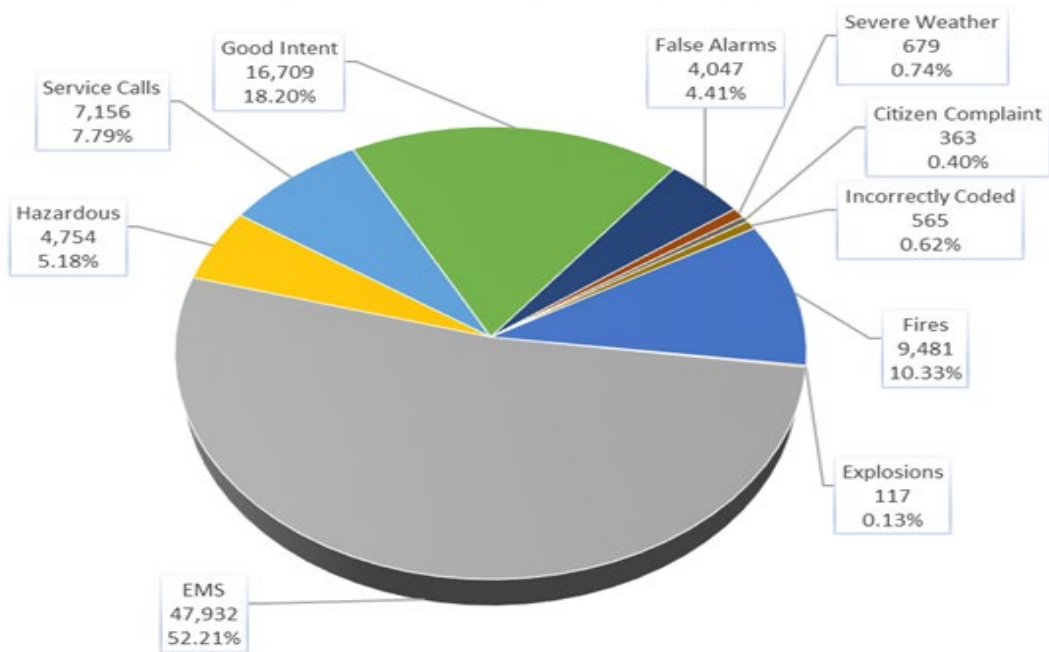
CY2021 All Call Types Paid Departments (37,273 Calls of 148,936 Total Calls)



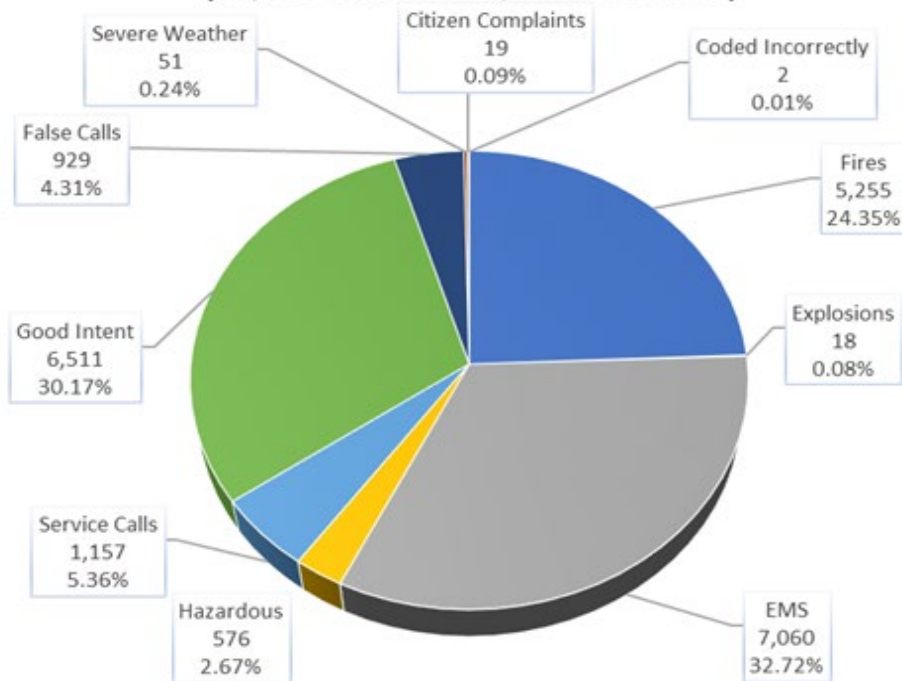
CY2021 All Call Types
Part-Paid Department
(19,860 Calls of 148,936 Total Calls)



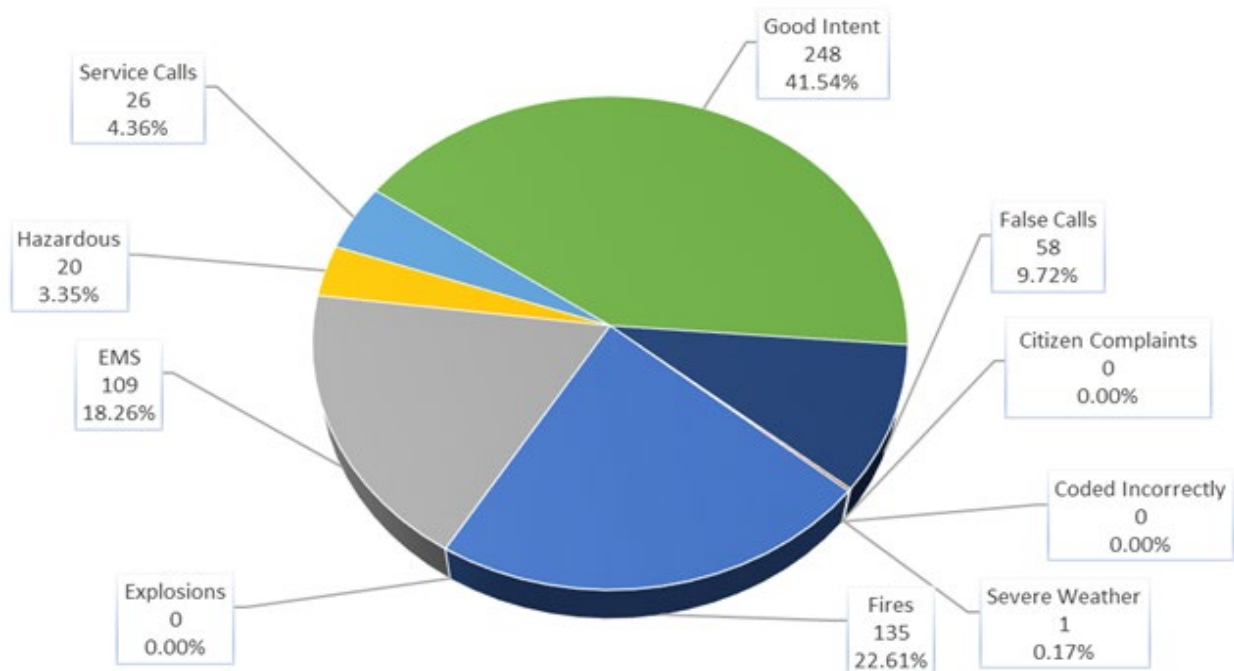
CY2021 All Call Types
Volunteer Department
(91,803 Calls of 148,936 Total Calls)



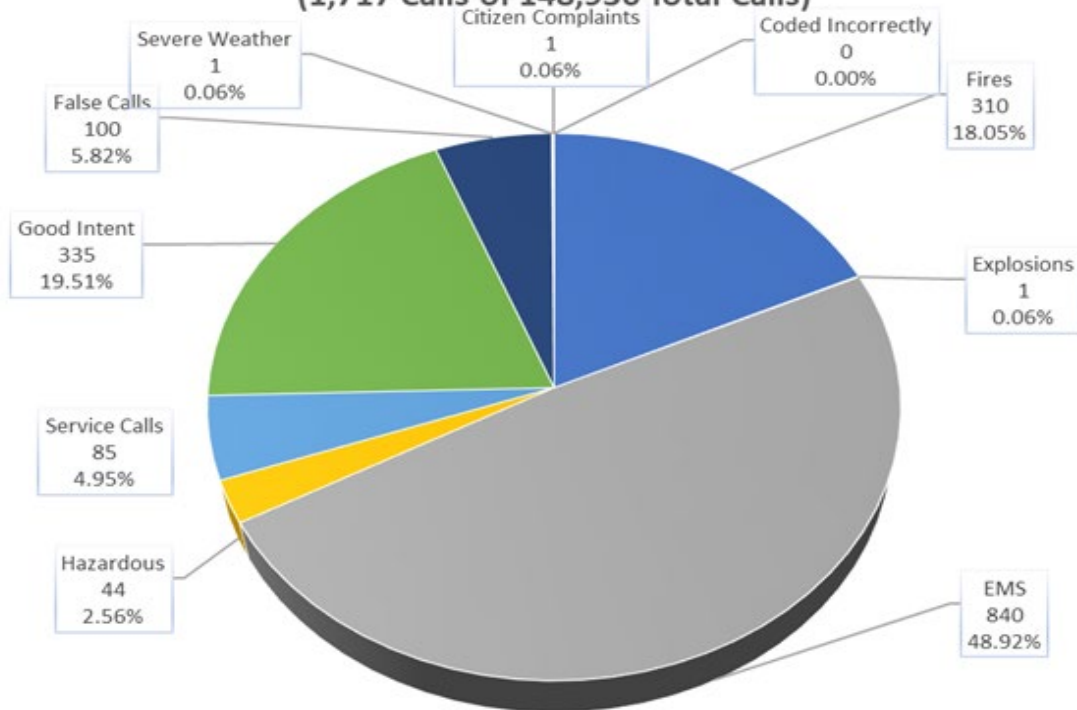
Mutual Aid Given All Departments (21,578 Calls of 148,936 Total Calls)



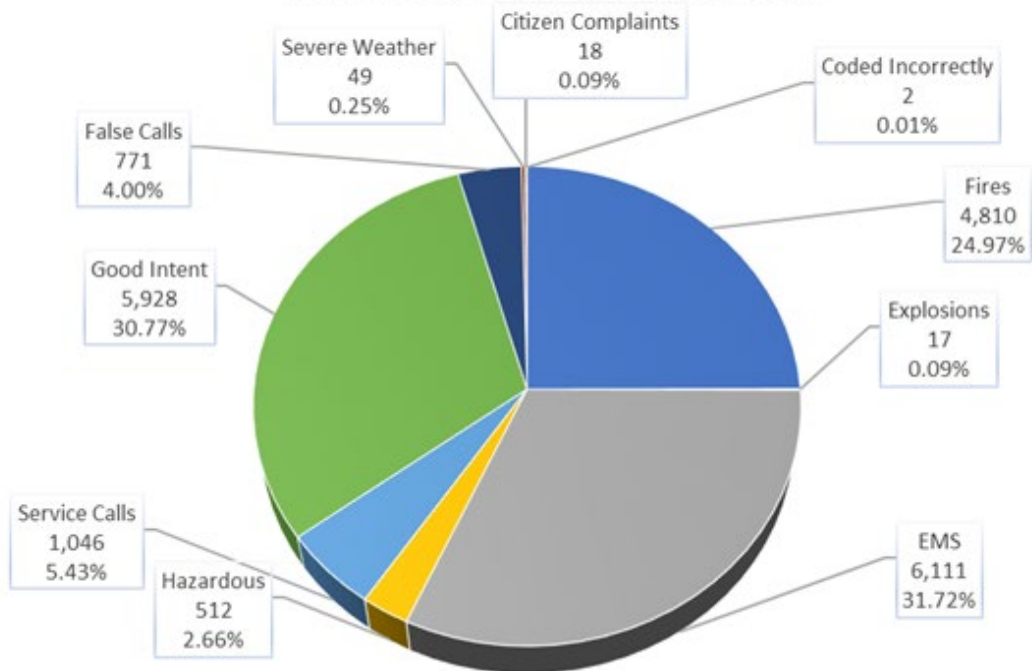
Mutual Aid Given Paid Departments (597 Calls out of 148,936 Total Calls)



Mutual Aid Given Part-Paid Departments (1,717 Calls of 148,936 Total Calls)



Mutual Aid Given Volunteer Departments (19,264 Calls of 148,936 Total Calls)



NFIRS Dashboard Summary Report (All Incidents)

Report Period: 1/1/21 to 12/31/21

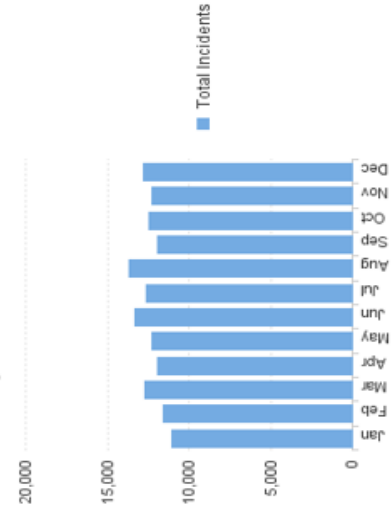
Summary By Incident Type Category

Incident Type Category	Total Incidents	Percent	Aid Given	Exposures	Grand Total
Fires (100-173)	6,764	5.3%	5,255	99	12,118
Overpressure Rupture, Explosion, Overheat Calls (200-251)	216	0.2%	18	0	234
Rescue and EMS Calls (300-381)	71,895	56.7%	7,060	1	78,956
Hazardous Condition Calls (400-482)	7,146	5.6%	576	0	7,722
Service Calls (500-571)	11,588	9.1%	1,157	0	12,745
Good Intent Calls (600-672)	17,600	13.9%	6,511	0	24,111
False Alarm and False Calls (700-751)	10,079	7.9%	929	0	11,008
Severe Weather and Natural Disaster Calls (800-815)	855	0.7%	51	0	906
Special Incident Type Calls (900-911)	459	0.4%	19	0	478
Unknown or Not Reported	253	0.2%	2	11	266
Grand Total	126,855	100.0%	21,578	111	148,544

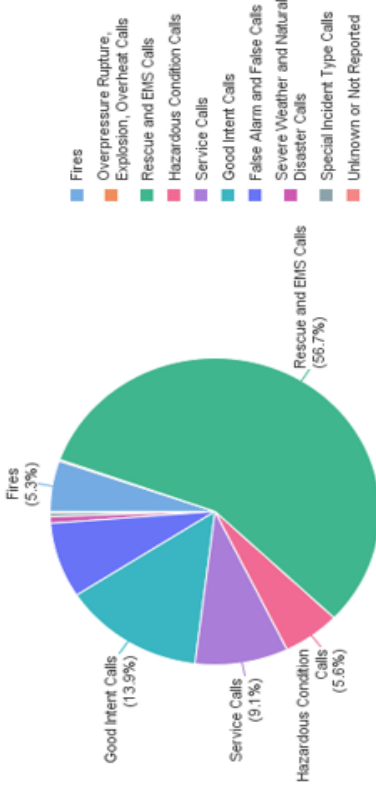
Monthly Incident Counts

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
	11052	11554	12726	11919	12300	13292	12630	13656	11951	12427	12227	12810	148544

Incident Counts By Month of Year



Incident Type Category Summary



Percent Valid
99.0%

Percent Released
99.0%

Incident Valid Status Summary

Incident Valid Status	Total	Percent
Valid	147,084	99.0%
Invalid	1,456	1.0%
No Activity	0	0.0%
Grand Total	148,540	100.0%

Incident Release Status Summary

Incident Release Status	Total	Percent
Released	147,080	99.0%
Unreleased	1,460	1.0%
Grand Total	148,540	100.0%

Fire Service Injuries
58

Fire Service Deaths
1

Fire Service Casualty Summary

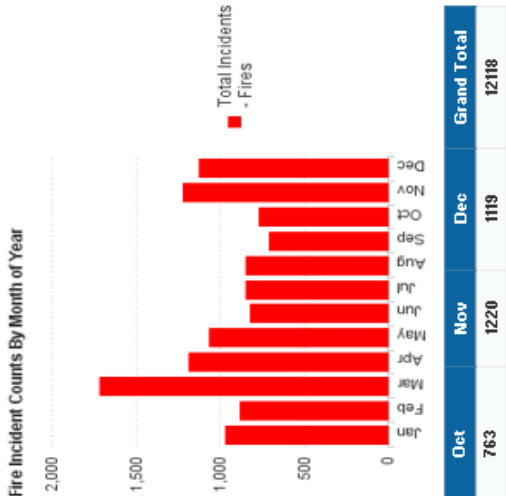
Fire Service Casualties	Fire-Related	Non-Fire	Grand Total
Fire Service Injuries	50	8	58
Fire Service Deaths	1	0	1
Total Fire Service Casualties	51	8	59

NFIRS Dashboard Summary Report (Fire Incidents)

Report Period: 1/1/21 to 12/31/21

Summary By Incident Type Category

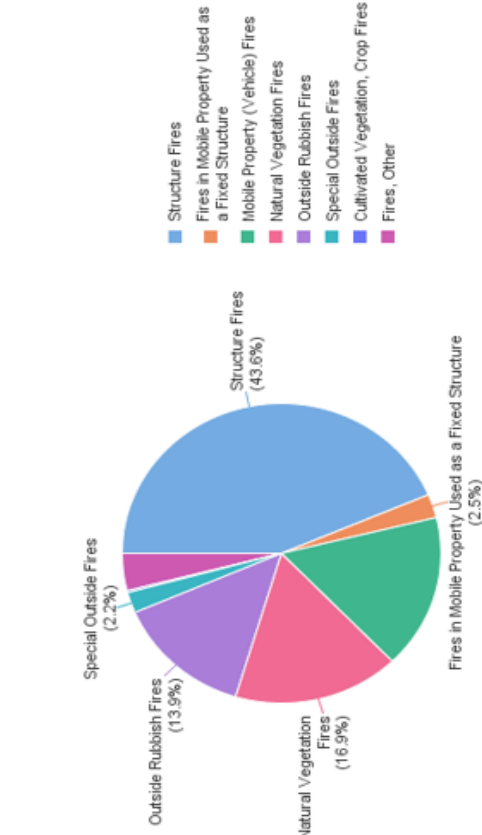
Incident Type Group	Total Incidents	Percent	Aid Given	Exposures	Grand Total
Structure Fires (111-118)	2,950	43.6%	3,452	56	6,458
Fires in Mobile Property Used as a Fixed Structure (120-123)	172	2.5%	167	6	345
Mobile Property (Vehicle) Fires (130-138)	1,124	16.6%	436	19	1,579
Natural Vegetation Fires (140-143)	1,142	16.9%	864	9	2,015
Outside Rubbish Fires (150-155)	939	13.9%	86	1	1,026
Special Outside Fires (160-164)	151	2.2%	64	5	220
Cultivated Vegetation, Crop Fires (170-173)	14	0.2%	2	0	16
Fires, Other (100)	272	4.0%	184	3	459
Grand Total	6,764	100.0%	5,255	93	12,118



Monthly Incident Counts

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Grand Total
963	882	1715	1181	1062	817	843	847	706	763	1220	1119	12118

Fire Incident Type Category Summary



Fire Dollar Loss Summary

Dollar Loss	Grand Total
Total Fire Property Loss	\$61,084,273
Total Fire Contents Loss	\$28,600,508
Total Fire Dollar Loss	\$89,684,781

Total Fire Dollar Loss
\$89,684,781

Civilian Fire Injuries
66

Civilian Fire Deaths
36

Civilian Fire Casualty Summary

Civilian Fire Casualties	Grand Total
Civilian Fire Injuries	66
Civilian Fire Deaths	36
Total Civilian Fire Casualties	102

	100	200	300	400	500	600	700	800	900		
County	Fire	Over- pressure, Rupture, Explosion, Overheat (No Fire)	Rescue & EMS	Hazardous Conditions (No Fire)	Service Calls	Good Intent Calls	False Alarm & False Calls	Severe Weather & Natural Disasters	Special Incident Type	Coded Incorrectly	Total
Barbour Co. (01)	150	0	292	20	54	122	18	0	1	3	660
Berkeley Co. (02)	529	17	1,933	514	264	1,547	878	35	11	1	5,729
Boone (03)	315	15	612	106	94	365	31	14	28	1	1,581
Braxton (04)	165	1	871	60	113	219	26	5	1	0	1,461
Brooke (05)	115	0	1,161	91	194	450	90	14	0	10	2,125
Cabell (06)	569	17	2,171	543	519	1,205	1,350	118	39	0	6,531
Calhoun (07)	33	0	55	16	2	6	0	0	0	8	120
Clay (08)	72	0	444	19	8	48	2	10	0	4	607
Doddridge (09)	59	1	117	12	32	11	6	1	0	7	246
Fayette (10)	329	5	627	288	196	307	95	26	1	15	1,889
Gilmer (11)	19	0	66	13	16	1	4	0	1	2	122
Grant (12)	101	0	334	33	23	86	13	0	1	5	596
Greenbrier (13)	275	1	1,639	171	302	344	276	5	15	18	3,046
Hampshire (14)	315	0	473	95	87	319	21	2	0	0	1,312
Hancock (15)	154	10	1,433	170	66	273	209	2	2	3	2,322
Hardy (16)	98	1	182	80	16	99	24	0	1	0	501
Harrison (17)	499	1	7,390	299	901	1,705	401	49	15	58	11,318
Jackson (18)	137	4	663	75	28	222	46	0	3	1	1,179
Jefferson (19)	342	4	6,518	131	224	1,150	300	12	13	0	8,694
Kanawha (20)	1,782	34	8,009	711	1,880	3,330	1,965	15	52	40	17,818
Lewis (21)	107	1	1,133	103	95	435	33	11	1	4	1,923
Lincoln (22)	121	0	328	54	45	48	24	25	2	6	653
Logan (23)	222	2	788	183	871	344	96	21	3	12	2,542
Marion (24)	307	3	2,551	351	851	888	278	91	8	8	5,336
Marshall (25)	223	5	1,523	184	151	227	129	5	1	11	2,459
Mason (26)	120	1	342	77	87	127	56	17	6	9	842
McDowell (27)	193	1	453	62	112	154	15	22	51	30	1,093
Mercer (28)	290	1	2,283	230	292	692	299	20	21	1	4,129
Mineral (30)	398	2	2,595	81	324	1,164	139	6	3	165	4,877
Mingo (29)	147	1	596	51	134	62	77	20	1	13	1,102
Monongalia (31)	378	10	2,397	318	636	1,722	927	97	19	15	6,519
Monroe (32)	86	0	129	60	28	42	16	0	1	1	363
Morgan (33)	177	1	403	79	48	466	46	2	1	5	1,228
Nicholas (34)	253	2	1,216	76	166	223	80	22	2	15	2,055
Ohio (35)	158	37	7,261	267	1,201	1,310	1,020	9	4	19	11,286
Pendleton (36)	114	0	182	28	48	76	4	0	1	1	454
Pleasants (37)	25	1	185	37	40	43	9	1	1	0	342
Pocahontas (38)	62	1	937	118	47	224	114	1	0	4	1,508
Preston (39)	183	0	692	110	110	275	30	16	35	10	1,461
Putnam (40)	315	4	2,231	88	260	598	361	49	10	0	3,916
Raleigh (41)	440	14	4,995	290	497	913	453	24	48	5	7,679
Randolph (42)	208	2	646	150	160	201	58	14	7	8	1,454
Ritchie (43)	93	6	344	59	62	190	26	16	1	12	809
Roane (44)	108	3	216	35	49	52	13	0	7	3	486
Summers (45)	73	0	258	82	41	95	40	3	3	2	597
Taylor (46)	76	1	286	64	114	62	39	1	5	0	648
Tucker (47)	39	0	295	35	74	40	21	1	3	1	509
Tyler (48)	70	0	294	51	93	40	14	0	0	0	562
Upshur (49)	246	5	1,549	115	130	400	82	23	7	14	2,571
Wayne (50)	172	1	1,587	41	19	218	87	34	11	10	2,180
Webster (51)	51	0	103	12	9	24	5	1	0	6	211
Wetzel (52)	81	0	749	88	153	45	56	21	1	21	1,215
Wirt (53)	38	0	64	13	9	7	8	0	0	0	139
Wood (54)	353	17	3,619	613	721	762	553	24	4	72	6,738
Wyoming (55)	130	1	734	70	49	133	45	1	26	4	1,193
Grand Totals	12,115	234	78,954	7,722	12,745	24,111	11,008	906	478	663	148,936

FIRE SAFETY INSPECTION & PLANS REVIEW DIVISION



Aerial view of the new Raleigh County Sheriff's Office

I. INTRODUCTION

The Fire Safety Inspection/Plans Review Division is mandated by Chapter 15A, Article 10 "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, but are not limited to:

- 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
- Conducting fire investigations in buildings that are normally inspected by the Fire Inspection division
- 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 law
- Assistance to the Fire Investigation Division on large loss fires or fatalities
- Assistance to law enforcement agencies when requested
- Assistance to local fire departments when requested
- Assistance to federal government in the implementation of the Federal Hotel/Motel Fire Safety Act
- Providing aid and assistance in disasters
- Regulation of aboveground storage tanks containing flammable liquids
- Assistance to the Licensing & Regulatory Division in the enforcement of the licensing programs, electrician, fire protection worker, fireworks, blasters, etc.
- Administering licensing tests
- Assistance with conducting fire department evaluations/follow-ups
- Conducting fire safety training educational seminars and public fire education

The Division consists of one (1) Field Deputy Fire Marshal, three (2) Assistant Fire Marshal III (Field Supervisors), seventeen (17) Assistant Fire Marshals, one (1) Fire Safety Plans Examiner Supervisor, and one (1) Fire Safety Plans Examiner. The Division also consists of 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. Five (5) Divisional personnel are trained and certified to assist with the review of plans, when necessary, in addition to their inspection duties. 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 six hundred and ninety-nine (5,699) fire safety inspections, consultations, and complaints were conducted by the Division. A spreadsheet and pie chart are provided within this report to show which types of inspections were conducted by occupancy type. Educational occupancy, which includes all inspections for day cares, colleges, and universities, as well as public and private schools, continues to dominate the largest number of inspections completed within the Division. Also included in this report are two charts which demonstrate the number of complaints and system inspections that were conducted, by occupancy, and a spreadsheet that presents the number of licensing checks completed by each Assistant Fire Marshal within the Division by each type of license (electrician, fire protection worker, low voltage, and pyrotechnician).

The professional development of our divisional staff continues to be a high priority. Our focus for a large portion of this past fiscal year has been on providing a few technological and software improvements. Several of our divisional personnel have been working diligently together with a company called Image Trend, to develop a software program, Elite, in hopes to enhance the efficiency of workflow and make our services more accessible to our customers. We also constantly strive to expand our skills and knowledge by attending advanced educational programs as well, when available.

In addition to fire safety inspections, a significant number of hours were invested in fire safety training and educational programs, administering licensing tests, assisting the Fire Investigation Division, as well as other agencies, and department-specific training. Additional educational programs include in-service training given to county school system maintenance personnel and educational staff(s), presentations given to various organizations and associations, upon request, to provide detailed information pertaining to fire and life safety, office meetings with Building Code Officials, construction teams, etc.

MORE PROJECTS ...

Below are a few more of the larger projects that were under construction in West Virginia over the past fiscal year.



Grand Patrician Golf Resort – Cabell County



AEP – Putnam County



Baker Heights VFD – Berkeley County



Shepherdstown Public Library – Jefferson County



Harrison County General Services Building

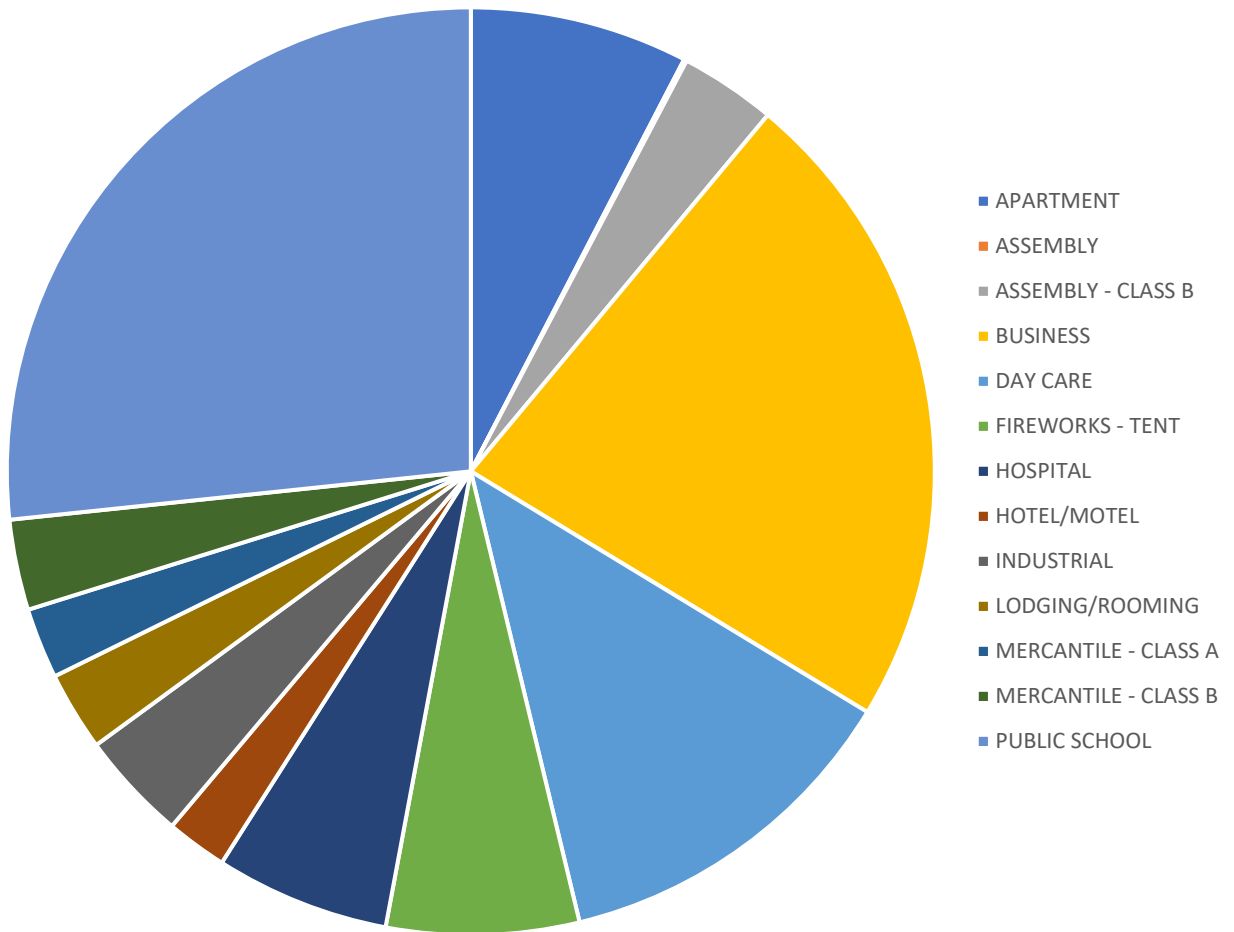


WVU Medicine Children's Hospital – Monongalia County

FIRE SAFETY INSPECTIONS BY OCCUPANCY - FY 2022

	INITIAL	CONST INSP	SYSTEM	ANNUAL	FOLLOW UP	FINAL	FINAL W/ CO	COMPLAINTS	CONSULT	DIVISION TOTALS
ASSEMBLY	59	132	82	14	41	44	25	11	11	419
Class A	5	5	21	6	3	4	6	0	5	55
Class B	14	65	31	2	9	21	5	2	6	155
Class C	40	62	30	6	29	19	14	9	5	214
BUSINESS	97	347	75	341	44	73	52	23	9	1061
DETENTION	0	1	0	47	0	0	0	0	2	50
EDUCATIONAL	103	209	64	1605	68	37	16	9	38	2149
Day Cares	86	29	8	460	43	17	4	2	11	660
Schools	17	174	53	1093	22	20	12	6	24	1421
Colleges & Universities	0	6	3	52	3	0	0	1	3	68
HEALTH CARE	0	139	14	249	6	36	15	2	4	465
Hospitals	0	88	8	151	2	24	12	1	3	289
Nursing Homes	0	44	6	92	4	10	2	1	1	160
Ambulatory Care	0	7	0	6	0	2	1	0	0	16
INDUSTRIAL	7	75	26	0	5	9	14	0	12	148
MERCANTILE	39	210	54	1	18	39	43	10	8	422
Class A	1	69	7	1	2	13	8	4	0	105
Class B	6	79	26	0	8	12	18	1	3	153
Class C	32	62	21	0	8	14	17	5	5	164
RESIDENTIAL	35	313	49	297	19	35	42	66	15	871
Hotel/Motel	5	37	8	0	4	5	6	16	3	84
Apartments	5	213	8	6	6	21	31	28	7	325
Dormitory	1	8	0	67	3	2	1	0	1	83
Rooming/Lodging	12	36	20	58	2	0	0	2	1	131
Dwellings	2	0	2	11	0	0	0	18	1	34
Board & Care	10	19	11	155	4	7	4	2	2	214
STORAGE	4	60	13	0	4	13	18	1	1	114
TOTALS	344	1486	377	2554	205	286	225	122	100	5,699

LIFE SAFETY INSPECTIONS BY OCCUPANCY - FY 2022



COMPLAINT INSPECTIONS						
FY 2022	TYPE OF COMPLAINT					
OCCUPANCY	BLASTING	ELECTRICAL	FIRE CODE	LICENSING	FIREWORKS	TOTALS
ASSEMBLY	0	0	11	0	0	11
BUSINESS	1	3	19	0	0	23
DETENTION	0	0	0	0	0	0
EDUCATIONAL	0	2	4	0	0	6
HAZARDOUS MATERIALS	0	0	0	0	0	0
HEALTH CARE	0	0	5	0	0	5
INDUSTRIAL	0	0	0	0	0	0
MERCANTILE	0	0	10	0	0	10
MISCELLANEOUS	13	4	31	0	0	48
RESIDENTIAL	13	8	23	2	0	46
STORAGE	1	0	0	0	0	1
TOTAL BY TYPE	28	17	103	2	0	150

SYSTEM INSPECTIONS									
FY 2021	TYPE OF SYSTEM								
OCCUPANCY	AES	FAS	FM200	FIRE PUMP	GENERATOR	HVAC	SMOKE MGMT	SPKR	TOTALS
ASSEMBLY	43	13	0	0	1	4	0	7	68
BUSINESS	6	34	1	1	2	8	2	12	66
DETENTION	0	1	0	0	0	0	0	0	1
EDUCATIONAL	32	32	0	0	0	13	0	5	82
HAZARDOUS MATERIALS	0	0	0	0	0	0	0	0	0
HEALTH CARE	3	5	0	0	2	1	0	3	14
INDUSTRIAL	4	11	2	3	0	2	0	4	26
MERCANTILE	13	24	0	0	0	3	0	14	54
MISCELLANEOUS	0	0	0	0	0	0	0	0	0
RESIDENTIAL	10	24	0	0	5	0	0	10	49
STORAGE	2	5	2	1	0	0	0	3	13
TOTAL BY TYPE	113	149	5	5	10	31	2	58	373

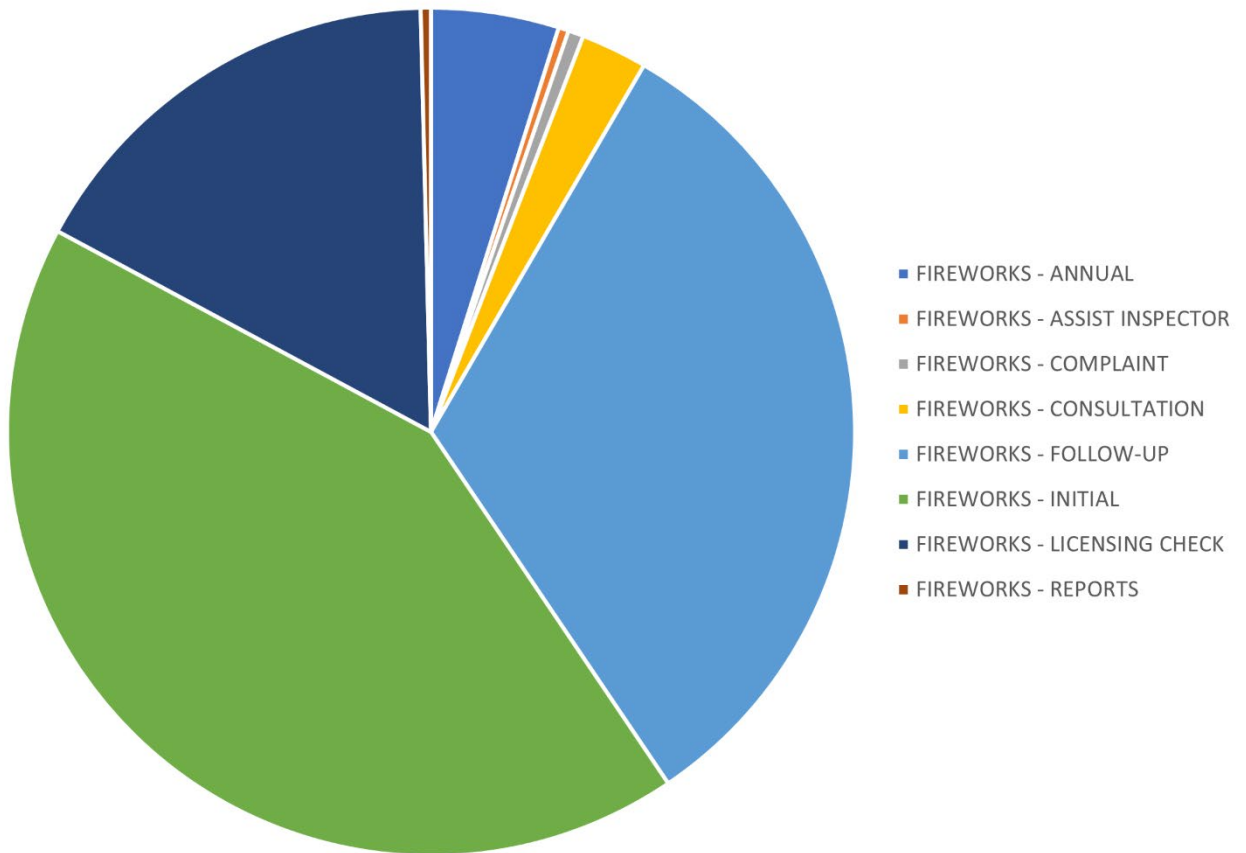
LICENSE CHECKS BY LICENSE TYPE FY 2022

	ELECTRICIAN	FPW	LOW VOLTAGE	PYROTECH	TOTAL
ARMENTROUT	55	22	11	55	143
CASTO, A	0	0	0	0	0
CHAPMAN	34	23	0	6	63
COGAR	43	28	26	1	98
FOUTTY	0	0	0	0	0
HACKER	9	0	0	17	0
HOLBEN	0	0	0	0	0
JACKSON	0	0	0	0	0
KILMER	9	0	2	43	54
MAYNARD	70	20	22	0	112
MOUSE	119	20	14	65	218
OLIVER	18	10	6	0	34
OWENS	29	18	34	71	152
PALMER	37	13	0	41	91
PETRY	9	14	8	11	42
PROVAZNIK	12	13	3	27	55
SEMINSKY	0	0	0	0	0
STEWART	14	20	3	24	61
WILLIAMS	31	9	8	35	83
TOTAL BY TYPE	489	210	137	396	1232



Grand Total of Hours of Training for the Inspection Division FY 2022 was **1267.5** hours.

FIREWORKS INSPECTIONS - FY 22



III. PLANS AND REVIEW SECTION

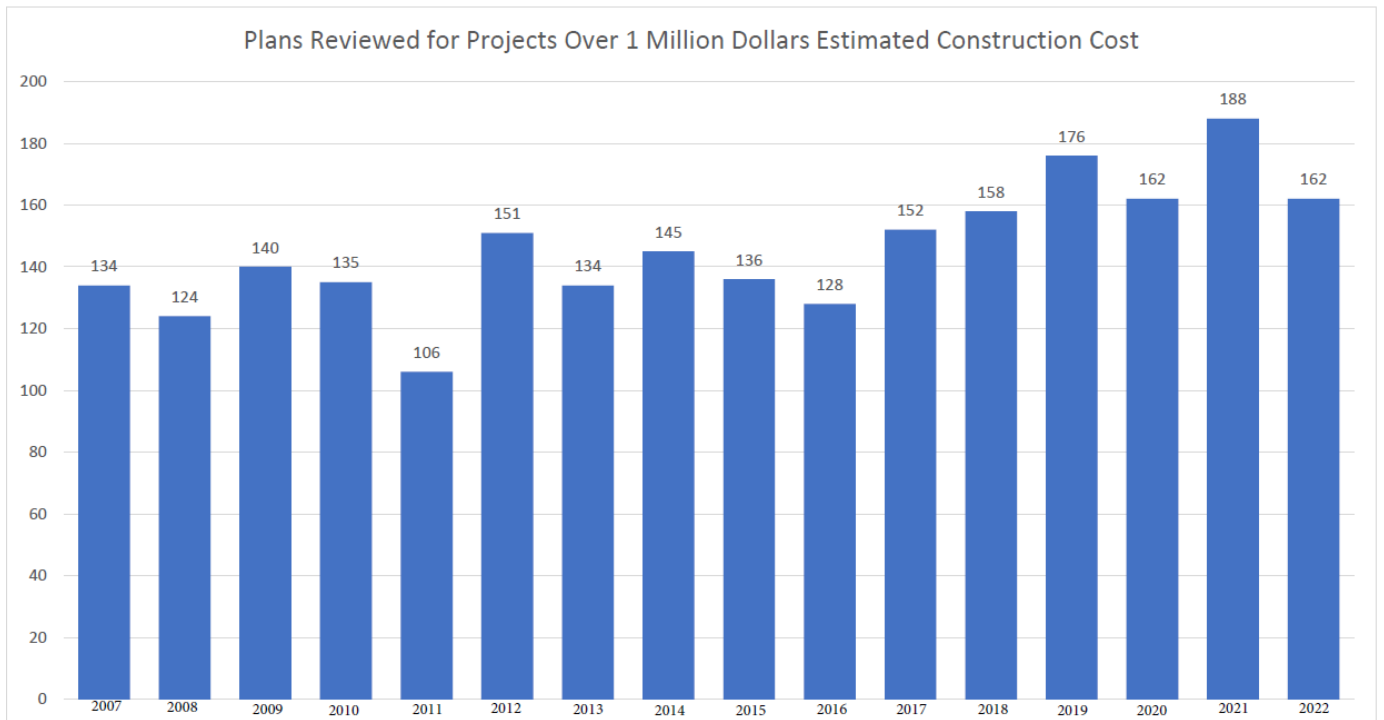
This fiscal year, the Plans and Review section reviewed, one thousand two hundred and ninety-five (1,295) sets of plans, as shown in the spreadsheet which displays the amount of plans reviewed per occupancy. In the past five years, we have reviewed and provided construction inspections for occupancy over five and a half billion dollars of revenue for the agency.

The Plans and Review 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 other types of plans that may be submitted to our office for review.

The Fire Safety Plans Examiners dedicate a significant amount of time and research to telephone calls, email correspondence, and walk-in consultations with architects, engineers, contractors, and owners to assist with code interpretations, as well as assisting the public in answering general fire code-related questions. Through these opportunities of consultations and correspondence, the Plans Examiners can assist designers and owners with proper code requirements during the early developmental stages of the project. Although these consultations and points of contact are not a formal review of plans, this process has proven to eliminate costly and time-consuming changes during the design and construction phase of the project and bridges the gap to prevent lack of knowledge due to poor communication between our office and the public.

The professional development of our divisional staff continues to be a high priority. The Fire Safety Plans Examiners have joined forces with the Inspection team currently working to assist in the development of the new software, Elite, for the Inspections and Plans Review Division. Additionally, we have added 40" flat screen, smart televisions on swivel mounts to each of the four Plan Review tables to allow for a more precise review of larger-scaled, digital plans. Our divisional personnel are constantly striving to improve their skills and knowledge by attending advanced educational programs.





Above is a graph showing an overview of the number of projects that have been reviewed by the Plan Review Division over the past fifteen (15) years with an estimated construction cost over one million dollars per project.

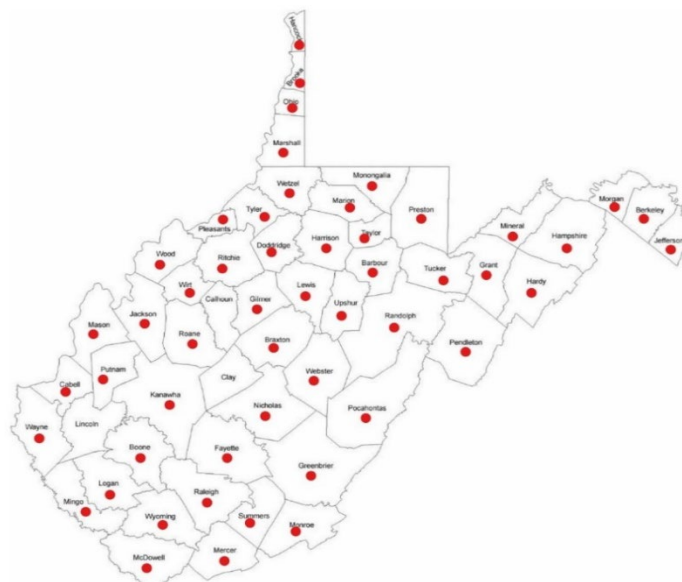
PLANS REVIEWED BY OCCUPANCY FY2017 - FY2022

OCCUPANCY	2017	2018	2019	2020	2021	2022
ASSEMBLY	144	131	119	125	216	228
BUSINESS	264	218	311	305	312	323
DAY CARE	118	131	109	103	25	28
DETENTION	5	6	7	5	5	20
EDUCATIONAL	213	198	154	110	116	184
HEALTH CARE	314	229	230	261	91	96
INDUSTRIAL	344	310	296	305	73	100
MERCANTILE	62	132	99	53	266	305
RB&C	70	88	61	53	40	22
RESIDENTIAL	15	9	20	23	114	125
STORAGE	16	34	40	219	55	109
TOTAL BY TYPE	1565	1486	1446	1562	1313	1540

PLANS REVIEWED BY TYPE FY2017 - FY2022

TYPE OF PLAN	2017	2018	2019	2020	2021	2022
ARCHITECTURAL	643	549	617	726	758	703
FIRE ALARM SYSTEM	294	308	256	234	412	412
SPRINKLER SYSTEM	141	165	134	169	310	249
HOOD SUPPRESSION SYS	439	406	374	412	155	135
AGST	6	2	0	0	22	18
FM 200	27	37	36	6	16	5
CARPET	15	16	19	8	20	31
UNCLASSIFIED	0	3	10	7	1	0
TOTAL BY TYPE	1565	1486	1446	1562	1694	1553

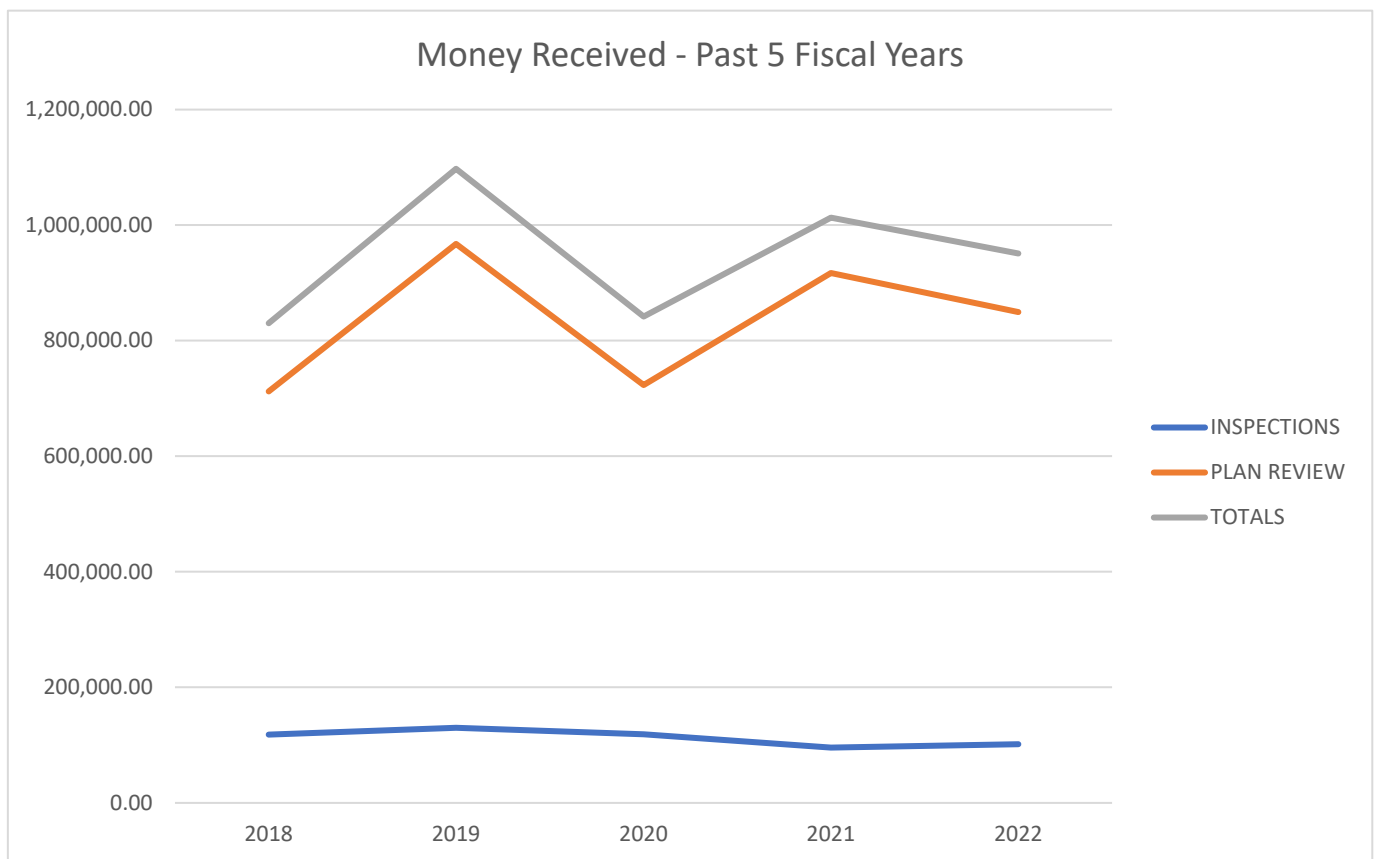
SAMPLING OF PROJECTS FY2021-2022



BARBOUR	MYERS CLINIC	JEFFERSON	84 LUMBER	POCAHONTAS	THE WOODS APARTMENTS
BERKELEY	PROCTER & GAMBLE	KANAWHA	THURSTON LANDING	PRESTON	CAMP DAWSON RENOVATIONS
BOONE	FAMILY DOLLAR	LEWIS	TRULIEVE	PUTNAM	FRITO LAY
BRAXTON	ELK RIVER HOTEL & CAFE	LINCOLN	BACK STAGE CAFE	RALEIGH	VERANO
BROOKE	TRAUBERTS PHARMACY	LOGAN	CHASE BANK	RANDOLPH	TRACTOR SUPPLY
CABELL	GRAND PATRICIAN RESORT	MARION	NORTH PEAK PERFORMANCE	RITCHIE	NORTH BEND LODGE
CALHOUN	MINNIE HAMILTON	MARSHALL	MOUNDSVILLE MUNICIPAL BUILDING	ROANE	RITCHIE CO. RECYCLING CENTER
CLAY	PRIMARY CARE SYSTEMS	MASON	DOLLAR GENERAL	SUMMERS	PIPESTEM STATE PARK
DODDRIDGE	DODDRIDGE CO. COURT HOUSE	MCDOWELL	MCDOWELL ATV	TAYLOR	TAYLOR HEALTH CARE
FAYETTE	RANGER SCIENTIFIC	MERCER	RIVERFRONT ATV RESORT	TUCKER	MOUNTAIN TOP DENTAL
GILMER	GLENVILLE STATE COLLEGE	MINERAL	MINERAL COUNTY COMMISSION RENOVATIONS	TYLER	COUNTY 911 CENTER
GRANT	DOLLAR GENERAL	MINGO	GILBERT HEIGHTS APARTMENTS	UPSHUR	BATTLE GREEN HOLDINGS GROW FACILITY
GREENBRIER	GREENBRIER VALLEY AQUATIC CENTER	MONONGALIA	CRUMBLE COOKIES	WAYNE	WAYNE SENIOR CENTER
HAMPSHIRE	HAMPSHIRE MEMORIAL HOSPITAL	MONROE	BALLARD CHRISTIAN SCHOOL	WEBSTER	WEBSTER DOT HEADQUARTERS
HANCOCK	THE FOUNDRY	MORGAN	NEW LEAF DISPENSARY	WETZEL	BAYER HERITAGE FCU
HARDY	HARDY COUNTY PSD	NICHOLAS	NICHOLAS CO. 911 CALL CENTER	WIRT	MIDDLE SCHOOL HVAC RENOVATIONS
HARRISON	DAN CAVA GMC	PENDLETON	GENNAROS	WOOD	FEDEX DISTRIBUTION CENTER
JACKSON	JACKSON CO. ANIMAL SHELTER	PLEASANTS OHIO	MID OHIO VALLEY TECH INS RETINA VITREOUS	WYOMING	CABINS ON THE GUYANDOTTE

MONEY RECEIVED FY2017 - FY2021

SECTION	2018	2019	2020	2021	2022
INSPECTIONS	118,024.00	130,016.00	118,751.00	95,742.00	101,336.00
PLAN REVIEW	712,194.00	967,511.00	723,015.00	917,177.00	849,648.00
TOTALS	830,218.00	1,097,527.00	841,766.00	1,012,919.00	950,984.00



Investigation Division



West Virginia School for the Deaf and Blind, Hampshire County

2022 Annual Report



Fire Investigation Division

STAFF

Division Director:

DSFM Jason D. Baltic, CFI, CFEI

Field Personnel:

Northern Regional Supervisor: ASFM George Harms, CFI, CFEI, CVFI

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

ASFM Shawn Alderman, CFI, CFEI

ASFM Ronald Ayersman, CFI, CFEI

ASFM Timothy Chastain, CFEI, CVFI

ASFM Justin England, FIT, CFEI

ASFM Larry T. Hamrick, FIT, CFEI

ASFM James Lewis, FIT

ASFM Rick Sovastion, CFI, CVFI

ASFM Joseph Vacchio, CFEI, CVFI

ASFM In-Training (Vacant)

Secretary: Valerie Lacy



DSFM Baltic



ASFM Rodes



Ms. Valerie Lacy



ASFM Harms



ASFM Alderman



ASFM Ayersman



ASFM Chastain



ASFM England



ASFM Hamrick



ASFM Lewis



ASFM Sovastion



ASFM Vacchio



Grant County, ASFM Harms

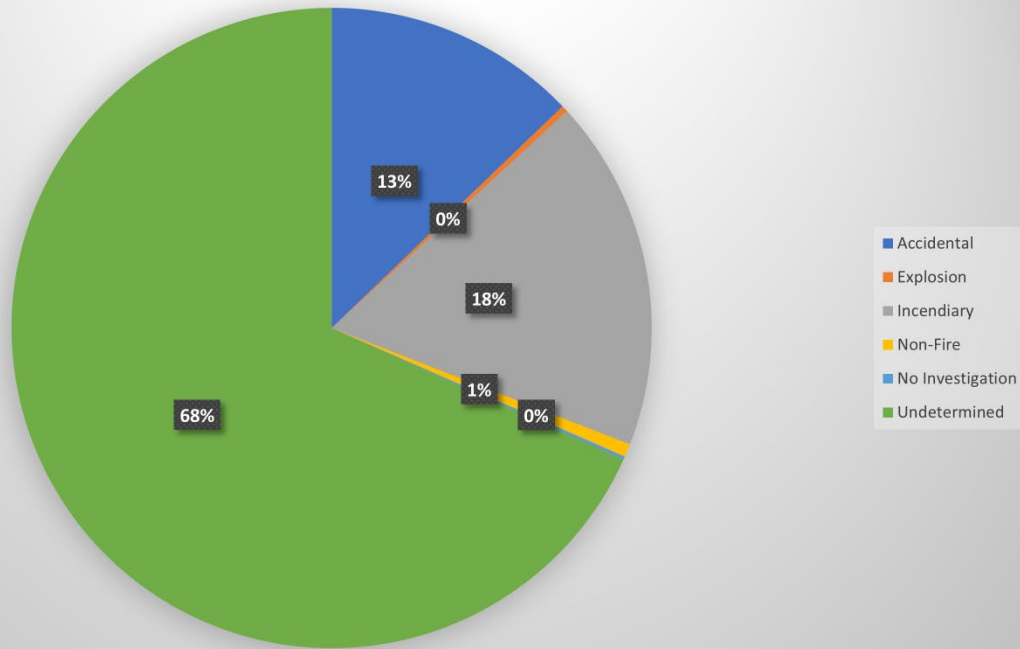
INTRODUCTION

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.

Investigation Cases FY21-22



INVESTIGATIONS CASES WORKED

There was a total of six hundred eight (608) incidents called in to the Arson Hotline requesting an investigation in the fiscal year 2022.

Out of the six hundred eight (608) cases worked by State Fire Marshal investigators, one hundred eight (108) of those were determined to be Incendiary, seventy-eight (78) were classified as Accidental, two (2) were classified as Explosion, and four hundred fifteen (415) were of Undetermined cause. In addition, there were four (4) non-fire incidents and one (1) that did not require an investigation.

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.



Lewis County, DSFM Baltic

FIRE FATALITIES

There were forty-eight (48) fatalities during the 2022 fiscal year, the result of forty-five (45) fires. Three (3) of these fires resulted in multiple fatalities. Out of the forty-five (45), thirty-two (32) were classified as Undetermined, eight (8) as Accidental, and five (5) as Incendiary.

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.

2022 FATAL FIRE STATISTICS

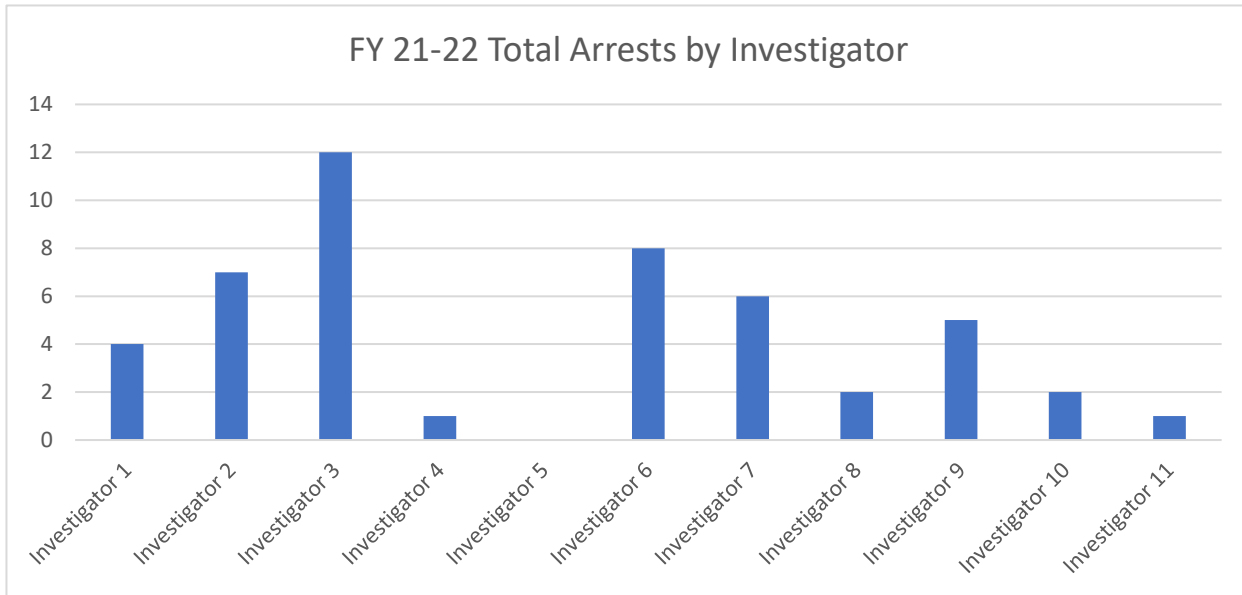
#	COUNTY	SMOKE ALARM	CAUSE	AGE SEX
1	Logan	Unknown	Undetermined	73/F
2	Logan	Unknown	Undetermined	79/M
3	McDowell	Unknown	Undetermined	50M
4	Raleigh	Unknown	Accidental	76/F
5	Raleigh	Unknown	Undetermined	58/M
6	Gilmer	Yes	Accidental	83/M
7	Fayette	Unknown	Accidental	63/M
8	McDowell	N/A	Incendiary	33/M
9	Preston	No	Undetermined	30/M
10	Kanawha	Unknown	Undetermined	44/F
11	Greenbrier	Unknown	Undetermined	75/F
12	Kanawha	No	Accidental	67/M
13	Preston	Unknown	Undetermined	62/F
14	Kanawha	Unknown	Undetermined	71/M
15	Kanawha	Unknown	Accidental	74/F
16	Lincoln	N/A	Undetermined	71/M
17	Raleigh	Unknown	Undetermined	38/F
18	Wood	Yes	Undetermined	61/M
19	Randolph	Unknown	Incendiary	35/M
20	Berkeley	Unknown	Undetermined	55/M
21	Raleigh	Unknown	Undetermined	61/M
22	Marshall	Yes	Undetermined	61/M
23	Grant	Unknown	Undetermined	83/M
24	Logan	Unknown	Undetermined	50/M
25	Kanawha	No	Incendiary	52/M
26	Wayne	Unknown	Undetermined	81/F
27	Wyoming	Unknown	Undetermined	55/M
28	Roane	Yes	Undetermined	61/F
29	Kanawha	Unknown	Undetermined	57/F
30	Mercer	Unknown	Undetermined	76/M
31	Wayne	Unknown	Accidental	57/M
32	Marion	Unknown	Undetermined	66/M
33	Randolph	Unknown	Undetermined	48M
34	Lincoln	No	Undetermined	51/F
35	Monongalia	No	Undetermined	58/M
36	Cabell	Unknown	Undetermined	71/F
37	Jackson	Unknown	Undetermined	68/M
38	Monongalia	Unknown	Undetermined	76/F
39	Monongalia	Unknown	Undetermined	55/F

40	Grant	N/A	Undetermined	81/M
41	Clay	N/A	Incendiary	65/F
42	Cabell	Unknown	Undetermined	64/M
43	Mason	No	Accidental	72/M
44	Brooke	Unknown	Undetermined	34/M
45	Brooke	Unknown	Undetermined	46/M
46	Brooke	Unknown	Undetermined	74/M
47	Harrison	Unknown	Incendiary	44/M
48	Harrison	Unknown	Incendiary	33/F



Logan County, ASFM Hamrick

ARRESTS



During the 2022 Fiscal Year, the Investigation Division handled one hundred eight (108) incidents classified as Incendiary. As a result, forty-eight (48) individuals were arrested on several different criminal charges or warrants for their arrest.

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.



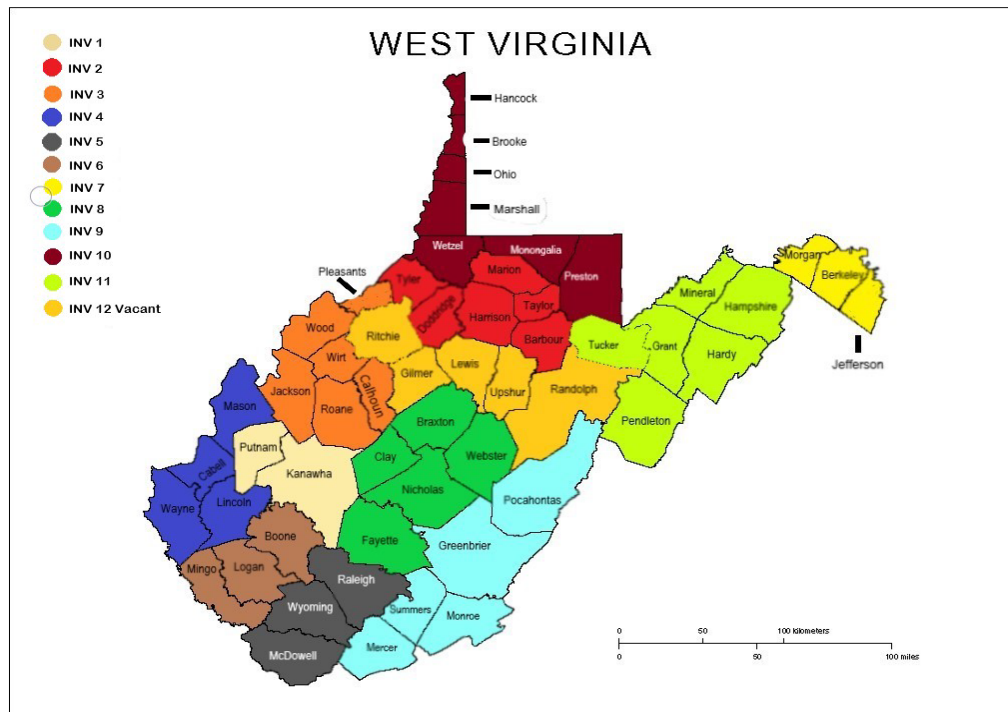
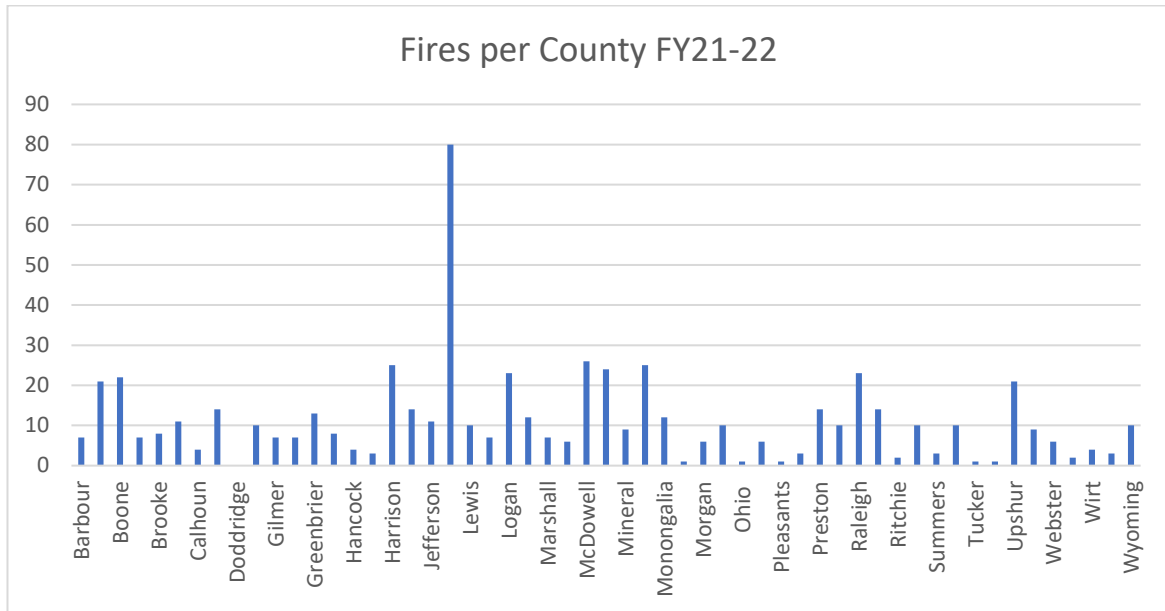
Greenbrier County, ASFM Rodes

CONVICTIONS

During the 2022 Fiscal Year there were several notable convictions of cases that were obtained. Some of these convictions were from cases in previous years.

County	Charges	Conviction	Sentence
Wood	1 st Deg Murder X2 Attempted Murder 1 st Deg Arson Animal Cruelty	Convicted by jury trial of all charges	Life with the possibility of parole (was a juvenile when the crime occurred)
Roane	1 st Deg Arson	Pled to same charge	5 years DOC
Roane	1 st Deg Arson	Pled to same charge	5 years DOC
Mason	1 st Deg Murder 1 st Deg Arson	Pled to 1 st Deg Arson	5 years DOC
Kanawha	1 st Deg Arson Animal Cruelty	Pled 1 st Deg Arson	2-20 years DOC
Tyler	1 st Deg Arson	Pled to 3 rd Deg Arson	1-5 years DOC
Preston	Criminal Use of a Destructive Device	Pled to lesser charge	Awaiting sentence
Preston	Criminal Use of a Destructive Device	Pled to lesser charge	Awaiting sentence
Jefferson	2 nd Deg Arson	Guilty by trial	Awaiting Sentence
Upshur	1 st Deg Arson	Dismissed to work for drug task force	
Monongalia	1 st Deg Arson	Pled to 4 th Deg Arson	5 years Probation
Harrison	1 st Deg Arson	Pled to 3 rd Deg Arson	5 Years Probation
Wayne	1 st Deg Arson	Pled to Felony Destruction of Prop.	Awaiting Sentence
Cabell	4 th Deg Arson	Pled 4 th Deg Arson	Awaiting sentence
Cabell	3 rd Deg Arson x2 Arson causing injury	Pled to Misdemeanor destruction of prop.	Awaiting sentence
Boone	Federal Court Civil Rights Violation Sexual Assault/Rape	Plea deal	14 Years Federal Penitentiary
Mingo	1 st Deg Arson 1 st Deg Murder	Pled Attempted Robbery	15 years DOC
Mingo	1 st Deg Arson 1 st Deg Murder	Pled 1 st Deg Murder	Life w/ chance for parole
Mingo	1 st Deg Arson 1 st Deg Murder	Pled 1 st Deg Murder	Life w/ chance for parole
Summers	1 st Deg Arson	Pled 1 st Deg Arson	20 years DOC

Fires per County and Investigator



NAME	ASSIGNED COUNTIES	FIRES
Investigator 1	Kanawha Putnam	53
Investigator 2	Barbour Doddridge Harrison Marion Taylor Tyler	68
Investigator 3	Calhoun, Jackson Pleasants Roane Wirt Wood	72
Investigator 4	Cabell Lincoln Mason Wayne	48
Investigator 5	McDowell Raleigh Wyoming	37
Investigator 6	Boone Logan Mingo	72
Investigator 7	Berkeley Jefferson Morgan	40
Investigator 8	Braxton Clay Fayette Nicholas Webster	47
Investigator 9	Greenbrier Mercer Monroe Pocahontas Summers	52
Investigator 10	Brooke Hancock Marshall Monongalia Ohio Preston Wetzel	55
Investigator 11	Grant Hampshire Hardy Mineral Randolph Tucker	52
Investigator 12	Gilmer Lewis Randolph Ritchie Upshur	0
Charleston FD	City of Charleston	6
Huntington FD	City of Huntington	2
Saint Albans FD	City of Saint Albans	1
Division of Forestry	Wildland fire investigations called into the hotline	1
No-Inv	No Investigation Conducted	1
Total		608



Roane County DSFM Baltic

Fire Investigation Training For First Responders



Wood County Fire School, DSFM Baltic

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



Mingo County, ASFM Hamrick



Kanawha County, ASFM Alderman



Jackson County, DSFM Baltic



ASFM Rodes in UAS training



WV School for the Deaf and Blind, Hampshire County

Fire Investigation at the West Virginia School for the Deaf and Blind

On February 26th, shortly after 6:00 a.m., a fire broke out at the Administration Building on the campus of the West Virginia Schools for the Deaf and the Blind. The building was unoccupied at the time of the fire and no injuries were reported. "No students were on campus at the time of the fire.

The West Virginia State Fire Marshal's office conducted a preliminary investigation on the morning of the 26th. DSFM Baltic contacted the Alcohol Tobacco and Firearms (ATF) Washington field office and requested a response from the National Response Team (NRT). The ATF soon arrived with their National Response Team, which consisted of more than 30 agents.

For four days a detailed joint investigation, including interviews, scene analysis and checking of video surveillance, was conducted by both agencies. The fire cause was ruled as undetermined.

State Fire Marshal Firearms Training



Huttonsville Correctional Center Range

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. Marshal's of the Investigation Division also carry Remington 870, 12 Gauge shotguns which are also securely stored in their vehicles.

There were five Marshals that were Firearms Instructors in the agency:

DSFM Jason D. Baltic

ASFM Robert S. Rodes II

ASFM Timothy Mouse

ASFM Larry T. Hamrick

ASFM Joseph Vacchio

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



WV State Fire Marshal



@WVfiremarshal

West Virginia
State Fire Marshal's Office
1207 Quarrier Street
Charleston, WV 25307
(304) 558-2191

www.firemarshal.wv.gov