



HSAC

HOMELAND SECURITY ADVISORY COUNCIL



2022 ANNUAL REPORT



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MICHAEL L. PARSON
Governor

SANDRA K. KARSTEN
Director



Lewis & Clark State Office Bldg.
Mailing Address: P.O. Box 749
Jefferson City, MO 65101-0749
Telephone: 573-751-4905
Fax: 573-751-5399

STATE OF MISSOURI
DEPARTMENT OF PUBLIC SAFETY
OFFICE OF THE DIRECTOR

December 31, 2022

The Honorable Michael L. Parson
Governor
State Capitol, Room 216
Jefferson City, MO 65101

Dear Governor Parson:

On behalf of the Missouri Homeland Security Advisory Council (HSAC), I am pleased to present to you the 2022 Annual Report on Missouri Homeland Security. This report highlights 2022's accomplishments and summarizes the homeland security grant funding activities and is submitted pursuant to Executive Order 06-09.

2022 proved to be anything but a normal year, not only for first responders, but also for Missouri citizens with the challenges they have had to face. Over the last year, Missouri and its citizens confronted the threats and hazards of severe weather, snow, heavy rains and flooding in many counties and severe drought in others leading to widespread wildland fires. This year our first responders also responded to mass casualty events, a tragic school shooting and cybersecurity threats. These challenges leveraged the partnerships inherent to the HSAC and the citizens of the great state of Missouri.

This report provides an overview of new and continuing efforts the HSAC, state agencies, federal and local partners and private entities seek to maintain and improve. These efforts affect homeland security, public health and emergency management within the State of Missouri. HSAC member agencies remain committed to the process of continuous improvement, leveraging new technologies, processes and procedures to finding the most effective solutions to safeguard Missourians in 2023.

Sincerely,

A handwritten signature in black ink that reads "Sandra K. Karsten".

Sandra K. Karsten
Homeland Security Advisor
Director, Department of Public Safety

Alcohol & Tobacco Control • Capitol Police • Fire Safety • Gaming Commission • Highway Patrol
State Emergency Management Agency • Veterans Commission



MISSOURI HOMELAND SECURITY OVERVIEW

Missouri was the first state in the nation to create an Office of Homeland Security in response to the terrorist attacks of September 11, 2001. As part of the State of Missouri's ongoing effort to create a safe and secure environment for its citizens and visitors, the Missouri Office of Homeland Security (OHS) was established on September 26, 2001.

Executive Order 05-20 was signed on July 21, 2005, moving OHS to the Missouri Department of Public Safety (DPS). In the same executive order, the Homeland Security Advisory Council (HSAC) was established. The HSAC Chair is the Director of DPS and the Vice Chair is the Director of the Missouri Office of Homeland Security. The mission of the HSAC is to ensure local and state homeland security plans regarding terrorism and disaster preparedness are executed and coordinated efficiently to better protect Missourians.

Pursuant to Executive Order 06-09, the Director of the Department of Public Safety is the Homeland Security Advisor to the Governor. The Office of Homeland Security coordinates local, state, federal, private sector and citizen activities as they relate to homeland security and emergency preparedness efforts. OHS utilizes the HSAC, the Regional Homeland Security Oversight Committees (RHSOCs) and individual OHS initiatives to ensure a statewide focus and coordination of resources for homeland security. The HSAC and the RHSOCs work with OHS to bring engagement and ownership of Missouri's homeland security program to the local level. OHS coordinates federal homeland security grant funding to enhance Missouri's ability to prevent, protect, mitigate, respond and recover from potential attacks and other hazards.



Director Karsten addressing participants at the FEMA Region VII Regional Interagency Steering Committee (RISC) Meeting held at SEMA in November 2022.

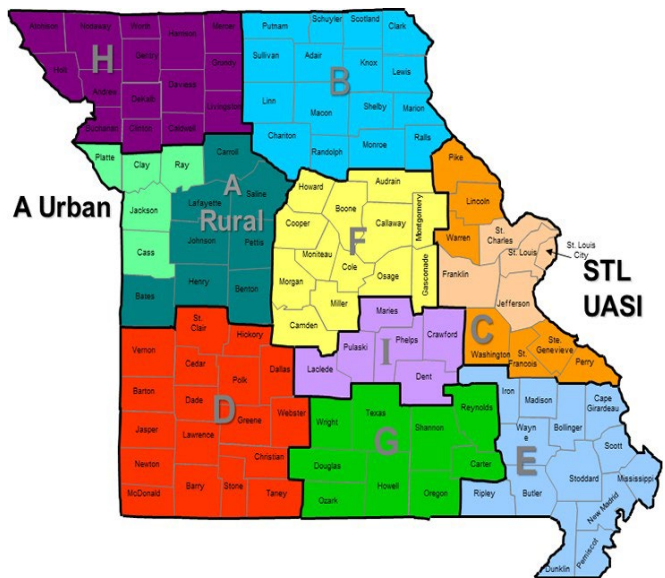
The Missouri Office of Homeland Security is the designated State Administrative Agency (SAA) for the United States Department of Homeland Security's Homeland Security Grant Program. The OHS Division of Grants is responsible for the administration, management, and oversight of the Homeland Security Grant Program (SHSP-Regionalization and LETPA, and the Urban Areas Security Initiative UASI).

REGIONALIZATION PLAN

Missouri’s “regionalization of homeland security” plan is focused on establishing a common sense, logical governance structure and process to facilitate local, community-level engagement in not only grant funding priorities and strategies, but other homeland security related decisions.

The RHSOC’s are an integral part of the Missouri Homeland Security Regionalization Program. Under this program, the state is divided into ten homeland security regions and one Urban Area Security Initiative (UASI).

Core disciplines at the local/county level have been identified as voting participants in these regional committees. While only one individual from each discipline in each specific region, will hold a voting seat on the committee, it is their responsibility to represent all segments of their core discipline within their region, including both local and county interests. This is accomplished through the establishment of discipline specific working groups within each geographic region. The RHSOCs meet quarterly, with additional meetings scheduled as needed to deal with specific issues. Each RHSOC has a Regional Planning Commission (RPC) or Council of Government (COG) responsible for the administration and fiscal operations of its homeland security grant program.



The following are the minimum required core disciplines that represent the RHSOC membership:

- Director of Emergency Management
- Chief of Police
- County Sheriff
- Chief of Fire
- County Health
- Homeland Security Response Team (HSRT)
- City or County Public Works

- Mayor or City Administrator
- County Commissioner
- Private Industry/Public Utility
- Emergency Medical Service
- 911
- Volunteer Sector
- Schools



HOMELAND SECURITY GRANT ALLOCATIONS

The Homeland Security Grant Program (HSGP) plays an important role in the implementation of the National Preparedness System by supporting the building, sustainment and delivery of core capabilities essential to achieving the National Preparedness Goal of a secure and resilient nation.

The objective of the HSGP is to provide funding to eligible entities to support efforts to prevent terrorism and other catastrophic events and to prepare for the threats and hazards that pose the greatest risk to the security of Missouri and the United States. HSGP supports the implementation of risk driven, capabilities-based approaches to address capability targets identified in the Threat and Hazard Identification and Risk Assessments (THIRA). The capability targets are established during the THIRA process, and assessed in the Stakeholder Preparedness Review (SPR). These targets are used to align planning, organization, equipment, training, and exercise needs to prevent, protect against, mitigate, respond to, and recover from acts of terrorism and other catastrophic events.

2020-2022

Grant Year	2020	2021	2022
SHSP - Non LETPA	\$3,215,625	\$3,451,875	\$3,393,250
SHSP - LETPA	\$1,071,875	\$1,150,625	\$1,454,250
UASI	\$3,500,000	\$3,800,000	\$5,300,000
NSGP	\$717,896	\$1,624,633	\$2,272,574
Total	\$8,505,396	\$10,027,133	\$12,420,074

State Homeland Security Program (SHSP)

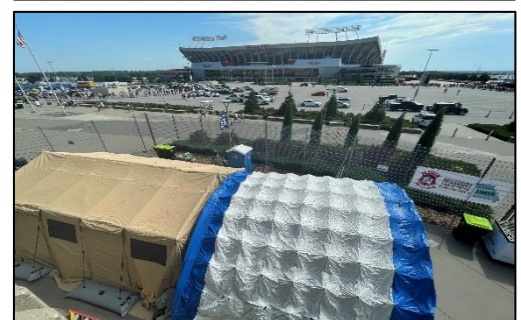
The SHSP supports state, and local preparedness activities that address high-priority preparedness gaps across all core capabilities that support terrorism preparedness through the Regionalization and law enforcement terrorism prevention activities.



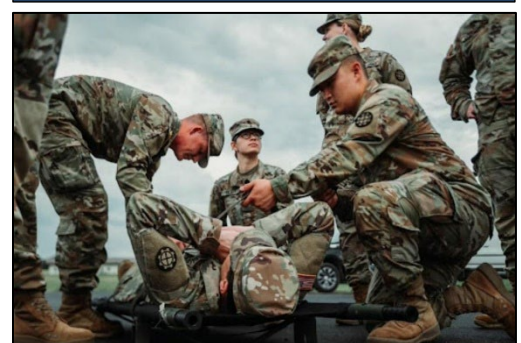
American Red Cross Response – St. Louis Flood Response



Naval Nuclear Laboratory Joint Transportation Accident Exercise in Moberly, MO on Sept 22



DMAT Response at Kauffman Stadium



35th Engineer Brigade applying skills during Advanced Training

Law Enforcement Terrorism Prevention Activities (LETPA)

The SHSP requires 30 percent of SHSP funds be allocated for law enforcement terrorism prevention activities (LETPA). The LETPA initiative must facilitate effective state and local law enforcement and investigative response to all threats or acts of terrorism within Missouri. Initiatives must sustain and enhance capabilities that provide a structure for systematic, coordinated, unified, timely and effective state law enforcement and investigative planning and response.



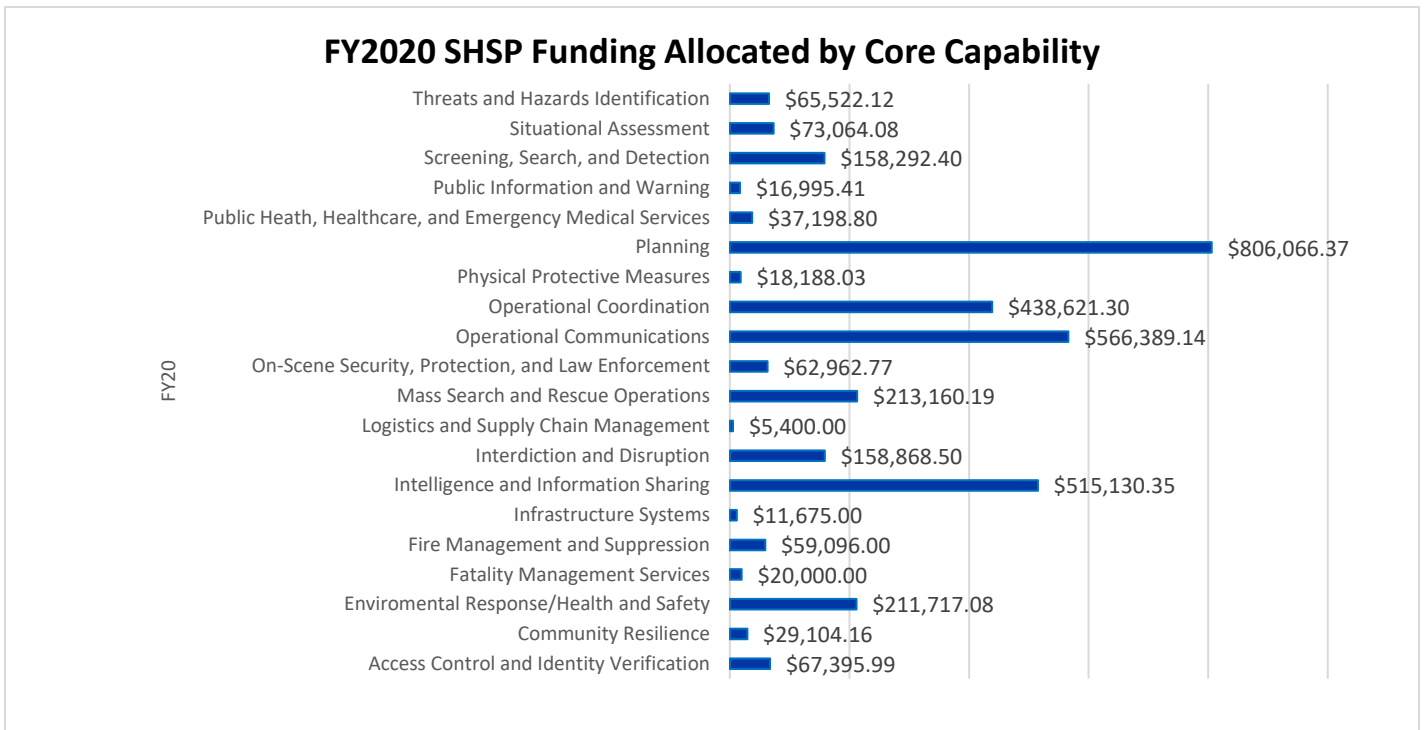
Urban Area Security Initiative (UASI)

The UASI Program assists high-threat, high-density Urban Areas in efforts to build, sustain, and deliver the capabilities necessary to prevent, protect against, mitigate, respond to, and recover from acts of terrorism.

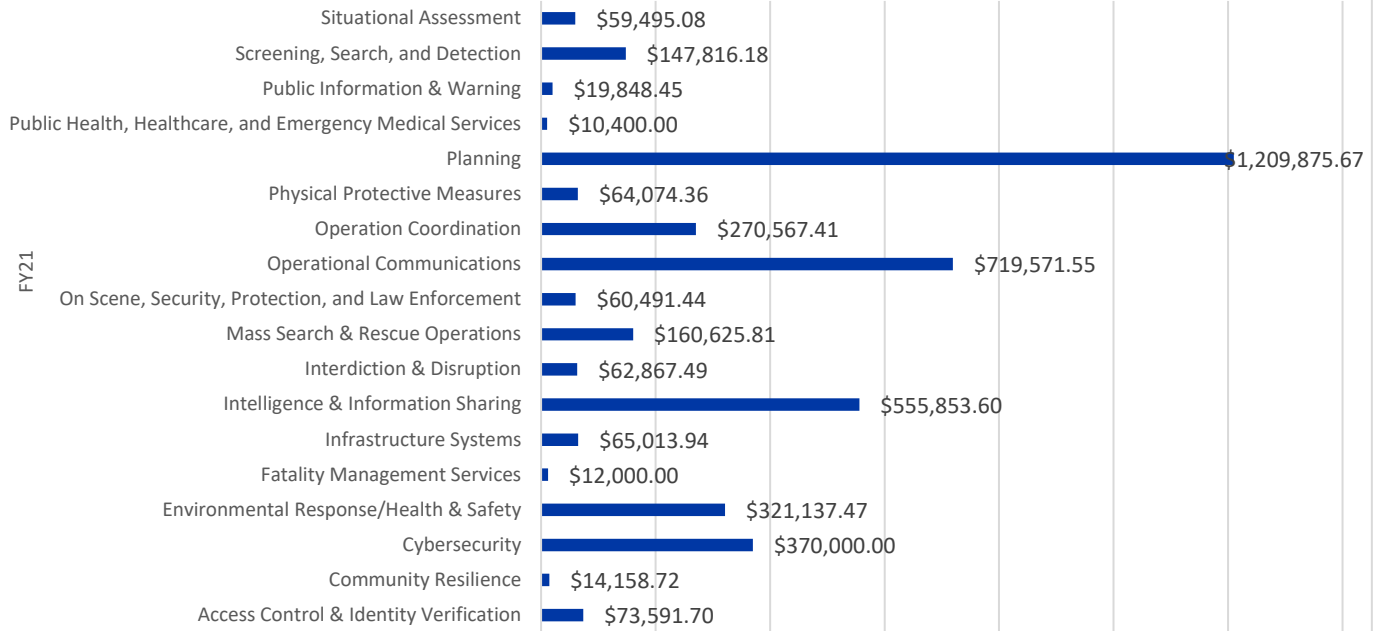


Core Capability Crosswalk

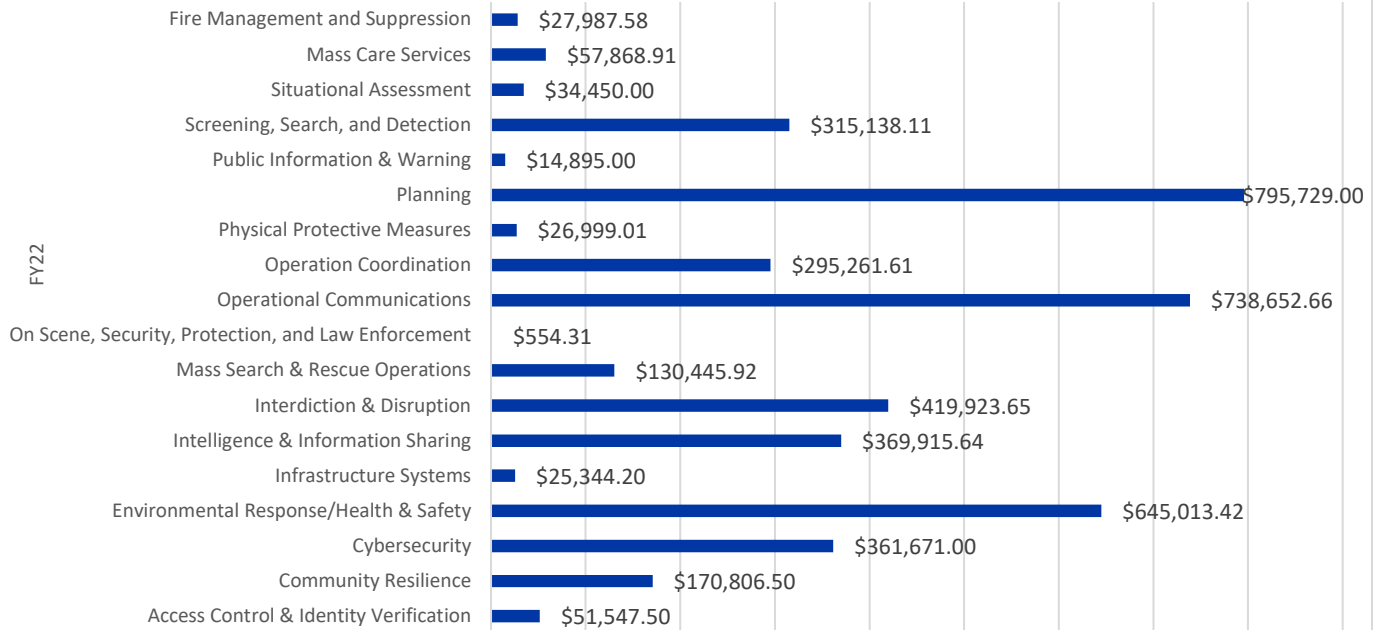
The charts shown below depict State Homeland Security Program (SHSP) funding broken out by the core capabilities as identified in the National Preparedness Goal for grant years 2020, 2021 and 2022.



FY2021 SHSP Funding Allocated by Core Capability



FY2022 SHSP Funding Allocated by Core Capability



RHSOC Funding - Grant Year 2022 - Projects by Region

Region A - \$119,686.81

- WorkPlan
- Bates County Emergency Management Agency Generator Load Testing
- Concordia Police Department Repeaters
- Johnson County Emergency Management Agency Badging
- Johnson County Emergency Management Agency Generator Load Testing
- Lexington Emergency Management Agency Generator Load Testing
- Marshall Police Department Radios and Repeaters
- Odessa Radios
- Saline County Emergency Management Agency Generator Loading Testing
- Saline County Emergency Management Agency Badging
- Sedalia-Pettis County Emergency Management Agency Badging
- Sedalia-Pettis County Emergency Management Agency Generator Load Testing

Region B - \$287,462.18

- WorkPlan
- Marion County Rapid Response Vehicle
- Adair County Health Department Badging
- Center Police Department Radios
- Hannibal Fire Department Technical Rescue Equipment
- Kirksville Emergency Management Agency Hazmat/Homeland Security Response Team Trailer
- Linn County Ambulance District Mass Casualty Incident Truck
- Macon Fire Department Radios
- Marion County 911 Rapid Rescue Response Vehicle
- Marion County Emergency Management Agency Radios
- Moberly Emergency Management Agency Turnout Gear
- Ralls County Sheriff License Plate Reader

Region C - \$237,767.82

- WorkPlan
- Elsberry Fire Protection District Radios
- Lincoln County Emergency Management Agency Radios
- Perry County Sheriff Radios
- Ste. Genevieve Fire Department Radios
- Wright City Fire Protection District UTV

Region D - \$443,068.64

- WorkPlan
- Branson Fire and Rescue Homeland Security Regional Response System Equipment
- Branson Fire and Rescue Homeland Security Regional Response System Trailer
- Greene County Emergency Management Agency Communication Vehicle
- Greene County Emergency Management Agency WebEOC
- Greene County Sheriff Mobile Command Vehicle
- Springfield Fire Department Bomb Squad X-ray
- Springfield Fire Department Bomb Squad Robot
- Springfield Fire Department HSRRS Response Vehicle
- Springfield Fire Department Hazmat Sustainment
- Springfield Fire Department Hazardous Materials Sustainment
- Springfield Fire Department Structure Collapse Training
- Taney County Emergency Management Agency Homeland Security Regional Response System
- Taney County Fire Protection District Homeland Security Regional Response System

Region E - \$205,391.91

- WorkPlan
- Cape Girardeau Community Emergency Response Team (CERT)
- Cape Girardeau Homeland Security Response Team (HSRT)
- Cape Girardeau Ballistic Personal Protective Equipment (PPE)
- Jackson Emergency Management Agency Homeland Security Response Team
- Sikeston DPS Mobile Command Vehicle
- Sikeston DPS Homeland Security Response Team

Region F - \$376,556.23

- WorkPlan
- Audrain County Emergency Management Agency Generator Load Testing
- Boone County Emergency Management Agency Generator Load Testing
- Boone County Emergency Management Agency Incident Support Trailer (IST) Satellite/Internet/Phone Service
- Callaway County Emergency Management Agency Generator Load Testing
- Camden County Emergency Management Agency Generator Load Testing
- Cole County Emergency Management Agency Generator Loading Testing
- Cole County Emergency Management Agency Mobile Emergency Operations Center (MEOC)
- Cole County Emergency Management Agency Homeland Security Response Team (HSRT)
- Cole County Emergency Management Agency Badging
- Columbia FD Hazmat Detection Equipment
- Cooper County Emergency Management Agency Generator Loading Testing
- Cooper County Emergency Management Agency Badging
- Cooper County Emergency Management Agency Radios
- Cooper County Emergency Management Agency Inverter Generators
- Miller County Sheriff Surveillance Trailer
- Montgomery County Emergency Management Agency Generator Load Testing
- Osage County Emergency Management Agency Generator Load Testing
- Osage County Emergency Management Agency Badging

Region G - \$95,498.63

- WorkPlan
- Lanton Volunteer Fire Department Water Rescue Equipment
- Lanton Volunteer Fire Department Fire Rescue Equipment
- Mountain View Police Department Radios
- Region G Canine Search Team Drone
- Region G Canine Search Team Canine Crate
- Region G Canine Search Team Thermal Imaging Cameras
- West Plains Police Department Radio

Region H - \$146,031.43

- WorkPlan
- Buchanan County Emergency Management Agency Communication Vehicle
- Buchanan County Emergency Management Agency Badging
- Gower Fire Protection District Watercraft
- Holt County Emergency Management Agency Radios
- Missouri Western State University Police Department Radios

Region I - \$100,985.11

- WorkPlan
- Planning and Training
- Rolla Emergency Management Agency Search and Rescue
- Rolla Emergency Management Agency Command Post and Communications
- Rolla Emergency Management Agency All Hazard Response Team

Kansas City UASI

- Regional Fusion Center Software & Training
- Sustain WebEOC & Information Sharing
- Soft Target Outreach
- Large Venue Soft Target Exercise
- Improving Interdiction & Disruption Capabilities
- Sustaining Regional Law Enforcement Capability Training
- Improve/Sustain Regional Hazmat Response Capability
- Combating Violent Extremism Partnership Building & Awareness Training
- Advancing Regional Cybersecurity
- Community Emergency Response Team (CERT) Training
- Sustaining & Enhancing the Capabilities of the Medical Reserve Corp of Greater Kansas City
- Build & Strengthen the Regional Community Disaster Resiliency Network
- Preserving Regional Training Capacity
- Sustaining Regional Exercise Capacity
- Sustaining Regional Badging & Accountability
- Sustaining Regional Collaboration & Planning
- Sustaining Regional Technical Rescue Capability
- Sustaining & Improving Regional Mass Fatality Capability

St. Louis UASI

- Fusion Center Sustainment
- Healthcare Coalition Multi-Agency Coordination Center
- Bomb Response Team Robot Sustainment
- Bomb Response Team X-Ray Sustainment
- Stop the Bleed Initiative
- Regional Recovery Planning & Exercise Series
- Domestic Violence Extremism Initiative
- Regional Cybersecurity Initiative
- Training & Exercise Sustainment
- Healthcare Emergency Management Academy
- US&R Rescue Boats
- PODs Replenishment
- Public Health & Hospital Satellite Phones
- US&R Initial Training
- Metro Air Support Fuel Truck
- US&R Search Cameras
- Incident Management Team Training
- STARRS Sustainment

Counter Terrorism Officer Equipment Grant

- Ballwin Police Department
- City of Cape Girardeau
- Clever Police Department
- Joplin Police Department
- City of Kimberling City
- Lake Saint Louis Police Department
- Liberty Police Department
- Malden Police Department
- Missouri Division of Fire Safety
- Nevada Police Department

- Nixa Police Department
- Osage County Sheriff's Office
- Perry County Sheriff's Office
- Sedalia Police Department
- St. Charles County Police Department
- Walnut Grove Police Department
- West Plains Police Department

Enhancing Cybersecurity Local Preparedness

- Andrew County Emergency Management Agency
- Bollinger County Health Center
- Greene County Emergency Management Agency
- Kennett Board of Public Works
- Saline County Emergency Management Agency
- Sedalia Police Department
- Southeast Missouri Regional Planning Commission

LETPA

- City of Cape Girardeau
- Gasconade County Sheriff's Office
- Higginsville Police Department
- Marshall Police Department
- Miller County Sheriff's Office
- Missouri Department of Public Safety-Missouri Interoperability Center Vehicles
- Missouri Department of Public Safety-Missouri Interoperability Center
- Missouri State Highway Patrol Drug and Crime Control Division
- Missouri State Highway Patrol Missouri Information Analysis Center
- Missouri State Highway Patrol Missouri Information Analysis Center P3
- Osage County Sheriff's Office
- Saline County Sheriff's Office

Protection of Soft Targets/Crowded Places

- Branson Police Department
- Cape Girardeau County Emergency Management Agency
- City of Cape Girardeau
- Cole County Emergency Management Agency
- Iberia Rural Fire Protection District
- Joplin Police Department
- Lincoln County Emergency Management Agency
- Linn Police Department
- Malden Police Department
- Missouri State University
- Sedalia Police Department
- St. Joseph Emergency Management Agency
- Waynesville Police Department
- Webb City Police Department

Enhancing Community Preparedness and Resilience (new in 2022)

- Andrew County Health Department
- Boone County Emergency Management Agency
- Callaway County Emergency Management Agency
- Cape Girardeau Fire Department
- Christian County Emergency Management Agency
- Cole County Emergency Management Agency
- Greene County Emergency Management Agency
- Grundy County Emergency Management Agency
- Warren County Emergency Management Agency

Homeland Security Advisory Council Agency Highlights



American Red Cross

- Agency Overall Updates
 - The Missouri and Arkansas Region of the American Red Cross is pleased to welcome our new Regional Chief Executive Officer, Barry Falke. Barry joined our region on October 1, 2022 – relocating to the St Louis area from California – and brings 8 years’ experience in key leadership roles with the Red Cross to the region.
 - New Executive Directors for Missouri-based chapters
 - April 25, 2022 – Rebecca Gordon assumed the ED role for the Central and Northern Missouri Chapter based out of the Jefferson City, MO chapter location.
 - September 3, 2022 – JoAnn Woody assumed the ED role for the Greater Kansas City-Northwest Missouri Chapter based out of the Kansas City, MO chapter location.
 - October 10, 2022 – Amanda Smith assumed the ED role for the Southeast Missouri-Northeast Arkansas Chapter based out of the Cape Girardeau, MO chapter location.
- Large-Scale Disaster Relief Response and Support
 - Amtrak Train Accident – Mendon, MO: Red Cross teams from across the state worked alongside Amtrak, NTSB, MOSEMA, MO DMH and other key state partners to provide comfort and assistance to those affected by this event. Red Cross maintains a “support” role in this type of response, but the partnership with our local and federal teams was instrumental in assuring those needing support or assistance were able to receive that support in a timely manner.
 - St Louis Area Flooding: Red Cross teams from this Red Cross Region worked alongside State, VOAD, and other Community Partners to provide comfort, care and assistance to the individuals and families impacted by flooding.
 - Immediate Assistance provided to 1,124 households serving 3,391 individuals; distributed nearly 3,700 clean up supply items and provided 423 overnight stays in Red Cross congregate care shelters.
 - Red Cross coordinated with state, federal and community partners to conduct multiple MARC events – providing community members needing assistance the opportunity to visit a location nearest their place of residence to meet with organizations/agencies providing assistance.
 - Beyond the Region Support: More than 100 Red Cross team members have deployed to Alaska, Puerto Rico, California and Florida since just this past summer to provide support to communities affected by disasters with several members still deployed to Florida to continue to support recovery efforts.
- Local Residential Fire Response
 - Between January 1 and November 30, 2022, Red Cross volunteers responded to a total of 1,613 residential fires in our Missouri communities (single family and multi-family events) providing assistance to 2,139 households through our Immediate Assistance program and additional referrals as appropriate providing much needed help and hope to 5,786 individuals.
- Home Fire Campaign
 - Through Red Cross and Partner installation efforts, Red Cross continues its commitment to helping to reduce the likelihood of fire-related fatalities/injuries through the Smoke Alarm Installation program.

- Between January 1 and November 30, 2022, Missouri Red Cross units and partners have installed 3,802 smoke alarms and assisted 1,541 households in the development of a home fire escape plan and providing additional safety information.
- As of October 31, 2022 – the National Red Cross Home Fire Campaign has documented 1,448 lives saved across the country through this life-saving program – with 32% (453) of those being children under the age of 18.
 - An additional 3 lives saved in Trenton, MO will be announced by the end of 2022, – bringing the total for Missouri Lives Saved to 35!
- The Missouri-Arkansas Region will once again be participating in the national “Sound the Alarm” campaign which highlights smoke alarm installations and home fire safety education during one month out of the year. For 2023, Red Cross teams and partners from each chapter area will coordinate special installation events during the time period of March 3-31, 2023 (also coinciding with Red Cross Month!). This special focus campaign is in addition to the ongoing smoke alarm installations that occur throughout the entire year across the entire region.
- Community Preparedness
 - 2,581 children in grades K-5 in Missouri have participated in Youth Preparedness programs (Prepare with Pedro and Pillowcase project).
 - 3,652 adults have participated in various Community Education Programs ([Be Red Cross Ready](#) and [Ready Rating](#))
- Blood Drives
 - Red Cross continues to focus on identifying opportunities for blood drives to help address the critical blood supply shortage in our communities. Scheduling and physical set up have been adjusted to provide a safe, physically distanced and attendance-controlled environment for blood donors and workers.
 - In the Missouri-Arkansas Region, the Red Cross has conducted 7,864 blood drives – collecting nearly 170,000 units of blood/blood products.
 - A key initiative across the country is the Sickle Cell Disease Initiative – with a focus on increasing the number of blood donors who identify as Black/African American as donations from these donors have a stronger likelihood of containing key proteins that increase the benefits of any blood transfusions provided.
 - Information about donating blood/blood products or locating an upcoming Blood Drive may be found [here](#).
- Exercises
 - New Madrid Seismic Zone Planning Efforts – Red Cross members currently serve on the Collaborative Community Partners workgroup with Federal, State and NGO partners.



Kansas City Regional Fusion Center (KCRFC)

Law Enforcement Terrorism Prevention Activities and newly awarded Urban Area Security Initiative grant funding have continued to play a crucial role for the Kansas City Regional Fusion Center (KCRFC) by sustaining key information and intelligence operating systems, providing training and education for KCRFC personnel, and providing needed equipment to collectively maintain regional capabilities for the receipt, analysis, and dissemination of potential terrorism, criminal activity, and threat information. As the restrictions and mandates from the COVID-19 pandemic continued to relax, KCRFC personnel began attending more meetings in person, conducted more special event threat assessments, and attended training opportunities and conferences that had previously been canceled or postponed. Furthermore, KCRFC personnel continued to focus their concerns and efforts on prevention, protection, mitigation, response, and recovery to threats posed to their area of responsibility in the greater Kansas City metropolitan area. Along with this effort, KCRFC personnel have additionally continued to focus their efforts on combating terrorism, protecting critical infrastructure and key resources, and enhancing cybersecurity.

The following are some of the highlights the KCRFC has completed during this past year:

- Between October 1, 2021 and September 30, 2022, the KCRFC received 310 tips and leads regarding suspicious activity and threats of school violence, workplace violence, and violence with the potential of mass casualties, compared to 270 tips and leads the previous year. After vetting this information, KCRFC personnel disseminated that information when applicable to their appropriate federal, state, and local partners for their mitigation. While many of these tips and leads were generated by law enforcement as well as public and private sector partners, many also came from Missouri's Courage2Report School Safety Initiative Program, the Missouri Fusion Centers SafeNation Suspicious Activity Reporting System, and the Greater Kansas City Crime Stoppers Tips Hotline. It should be noted that many of these tips and leads came in after normal fusion center hours and required KCRFC analysts and detectives to handle them after hours and on the weekends.
- Between October 1, 2021 and September 30, 2022, the KCRFC received and handled 484 requests for information (RFIs), compared to 359 RFIs the previous year. These RFIs came in from a variety of federal, state, and local partners nationwide and required KCRFC analysts and detectives to provide many man hours to conduct the proper database checks, searches, and responses to them.
- The KCRFC continued to partner with the Missouri Department of Public Safety's (DPS) Office of Homeland Security (OHS), the Missouri Information Analysis Center (MIAC), and the St. Louis Fusion Center to advance cybersecurity protection efforts and the sharing of cyber threat information not only in KCRFC's area of responsibility (AOR) but throughout the State of Missouri.
- The KCRFC participated in monthly calls with the MIAC and the St. Louis Fusion Center to share active trend and threat information.
- The KCRFC deputy director was appointed as a National Fusion Center Association (NFCA) Executive Board member and is currently the co-chair for the Central Region fusion centers. In this position, he assists in facilitating monthly calls with the Central Region fusion centers directors and deputy directors from the 16 fusion centers in the Midwest. Additionally, he participates in weekly calls with the NFCA Executive Board and their lobbyists in Washington DC to assist in the sharing of current trends and emerging threat information nationally and to help champion the fusion center network to our national lawmakers in the Senate and House of Representatives.
- The KCRFC continues to collaborate with the recruitment and training of participants in the Missouri Department of Public Safety, Office of Homeland Security's Counter Terrorism Officer (CTO) Program.

- The KCRFC again worked jointly with the MIAC and the St. Louis Fusion Center on updating the Missouri Fusion Center Coordination Plan and completing the Missouri Statewide Threat Assessment.
- The KCRFC worked with the Mid-America Regional Council's Regional Homeland Security Coordinating Committee as well as other regional and state partners in the completion of the Threat Hazard and Identification and Risk Assessment (THIRA).
- The KCRFC successfully hosted an Intelligence Liaison Officer (ILO) Program Training event with 49 attendees from law enforcement, Fire/EMS, emergency management, and other public and private sector stakeholders.
- KCRFC personnel presented or taught at a number of trainings or conferences on a variety of subjects. These presentations were conducted at the National Homeland Security Conference, the National Fusion Center Annual Training Event, the International Association of Crime Analysts Annual Conference, and the Tennessee Association of Law Enforcement Analysts Training Conference and for the Mid-America Regional Crime Analysis Network, Texas Law Enforcement Analyst Network, Wisconsin Law Enforcement Analyst Network, and Husson University as examples.
- The KCRFC continued to work with the Department of Homeland Security (DHS) on critical infrastructure outreach as well as continued to foster relationships with critical infrastructure, large event venues, schools, local emergency services agencies, hospitals, and many other community partners through ongoing outreach, tabletop exercise participation, and other forms of engagement. Much of this outreach was done with our existing ILOs.
- Utilizing the aforementioned grant funding, the KCRFC brought on two part-time community outreach coordinator positions. Under a contract through the Mid-America Regional Council, these coordinators work with special event organizers and stakeholders to provide special event threat assessments, outreach, and training to enhance security and help harden soft targets and crowded places.



Missouri 911 Service Board

The Board completed an NG911 readiness assessment for the State as well as NG911 recommendations from vendor Mission Critical Partners. Both the assessment and study are available on the Board's website: <https://www.missouri911.org/ng911>

The Board completed a GIS Gap analysis for the State. Both the final analysis report and presentation from the vendor GeoComm are available on the Board's website: <https://www.missouri911.org/gis>

The Board Secured \$18 Million in the State ARPA budget for GIS and NG911. The Board is currently working with State Partners in OA and DPS on the expenditure of the funds through Board grant projects and Solicitations for proposals of High-resolution Aerial Imagery for the entire State, Data remediation services for PSAPs across the state to assist in bringing local GIS data up to the NG911 GIS Data Standard also established by the Board last year. The last planned solicitation will be for a GIS data validation and aggregation portal to accept uploads of local GIS data and compare/analyze it against the standards and produce an aggregated statewide data for NG911 GIS layers like addresses, road centerlines, PSAP boundaries, etc.

The Board continues to review the progress of a total of \$4.8 million in grant projects that has been approved for 26 counties across the state to improve their 911 systems and capabilities. Some of these projects include adding text to 911, improving GIS accuracy, enhancing 911 phone equipment and promoting interoperability and consolidation (virtual, and physical) in Public Service Answering Points (PSAPs) across the state.

The Board has recently completed and is working on several other items including:

- Selected a Learning Management System provider (Virtual Academy) to provide easy access to online/virtual training to telecommunicators across the state.
- Approved PulsePoint to support the Board's statewide AED registration effort, at no cost. This is to aid PSAPs in quickly locating the location of an AED and ideally be able to describe to citizens how to access these lifesaving devices when needed most.
- Signed an agreement with the Missouri Behavioral Health Council to provide 911 consulting services related to 988.
- PR efforts to educate and inform about the 911 profession. The Board is working to establish a recruitment website to aid PSAPs across the state in recruiting personnel to apply for open telecommunicator positions.
- Conducted regional 911 meetings to share information as well as the status and progress on Board initiatives.
- Worked closely with the 911 associations, MO 911 Directors Association (MO911DA), MO National Emergency Number Association (MONENA), MO Association of Public Safety Communication Officials (MOAPCO) to coordinate information regarding Federal 911 funding and other Federal legislative initiatives related to 911.
- Regularly works with other 911 State and national partners such as the National Association of State 911 Administrators, to stay informed and ahead of federal efforts that could impact 911 at a state or local level.



Missouri Department of Agriculture (MDA)

Food Security: The Missouri Department of Agriculture Meat and Poultry Inspection Program continues to work with small- and medium-size meat processors around Missouri to allow for such establishments to meet the requirements to sell processed meat and poultry to the public. In 2019, Missouri had a total of 28 small- and medium-size meat processing establishments approved to sell meat to the public. As of November 2022, Missouri now has 61 small- and medium-size meat processing establishments approved to sell to the public.

Foreign Animal Disease (FAD) Preparedness and Response: African swine fever virus, foot & mouth disease virus and high pathogenic avian influenza virus are the three major viruses circulating in the world that could devastate the Missouri poultry and livestock industries. MDA is continuing to work with stakeholders to develop biosecurity plans and Secure Food Supply Plans (Secure Beef, Secure Pork, Secure Poultry, Secure Milk, and Secure Sheep and Wool) to help keep continuity of business in the event of a disease outbreak. MDA staff members are participating in national and regional FAD exercises, continually updating existing emergency plans to meet current policies and protocols. MDA staff members continue to attend and participate in poultry and livestock association events to educate producers about the importance of preparedness and response to a foreign animal disease incident. MDA hosted an Emergency Carcass Management Demonstration Day to show three composting techniques used for mass carcass mortality disposal on Sept. 22, 2022. A total of 102 people attended the event. MDA hosted a three-day Emergency Carcass Management Train the Trainer School Nov. 1 through Nov. 3, 2022. This Carcass Management training prepared industry, state, federal and academic responders to manage animal carcasses using composting and other management techniques in the event of a foreign animal disease outbreak or natural disaster. A total of 34 responders from seven states completed the three-day training.

High Pathogenic Avian Influenza (HPAI) 2022 Update: In 2022, Missouri has had a total of seven commercial poultry farms and five backyard flocks of mixed poultry and domestic waterfowl test positive for HPAI. These infections of HPAI resulted in the depopulation of 449,426 commercial poultry and 10,068 backyard poultry and domestic waterfowl in Missouri. International trade is impacted for more than six months due to HPAI, resulting in some countries temporarily banning poultry products from Missouri. Six commercial farms and three backyard flocks in Missouri completed disease mitigation and have been released from quarantine and are considered free of HPAI. One commercial poultry farm and two backyard poultry farms remain quarantined at this time.

African Swine Fever (ASF) was detected for the first time in more than 40 years in the western hemisphere. ASF was confirmed in the Dominican Republic (DR) on July 28, 2021 in backyard swine herds and on Sept. 20, 2021 in Haiti in backyard swine herds. USDA-APHIS continues to work diligently with partners, including the Department of Homeland Security's U.S. Customs and Border Protection (CBP) and U.S. swine industry, to prevent ASF from entering the United States. CBP has increased inspections of flights and cruise ships coming from Haiti and DR to ensure travelers do not bring prohibited products to the U.S. CBP is also ensuring garbage from airplanes and cruise ships is properly disposed of to prevent transmission of ASF.

Incident Command System Training: We have formed an Incident Management Team within MDA and continue to identify MDA staff to serve on the MDA Incident Management Team. We encourage team members to complete ICS Position Specific training in 2023.

Regional Homeland Security Oversight Committee and Regional State Emergency Management Agency Meetings: MDA staff members continue to participate in regional RHSOC and SEMA meetings, providing quarterly

MDA updates. Staff members continue to offer Foreign Animal Disease Preparedness and Response sessions at SEMA Regional quarterly meetings. MDA updated the Agriculture Emergency Response Annex P and ESF #11 Appendix in the County Emergency Operation Plans and made the updated plans available on SEMA's website to all counties in Missouri.



Missouri Department of Corrections (DOC)

The Missouri Department of Corrections have updated or completed many of their ongoing projects. Motion detection technology has been replaced at all MDOC facilities with WRDCC and CRCC having their final software updates being completed in August.

A vulnerability assessment was conducted at MDOC's Central Office and efforts are currently underway to further secure the site from any threat from an outside force. Active shooter emergency action plans have been created and a full-scale exercise is being planned.

Intercept full body scanners have been installed in all MDOC facilities.

Potosi Correctional Center's new power generator has been replaced and is currently online.

Full-scale emergency drills have been approved at all institutions and transition centers with tabletop exercises and drills are ongoing and will conclude with total institutional participation in December 2022.

A review of security audits is underway to identify institutions which will require an audit of their facilities in 2022. WRDCC, MTC, TCC and SECC audits have been completed with the required remaining facilities being scheduled through December.

Missouri Department of Corrections Probation and Parole Division is continuing its efforts in replacing and upgrading ballistic vests for all Probation and Parole officers throughout the state. Intercept full body scanners were installed at Transition Center St. Louis with an additional scanner scheduled to be installed at Transition Center Kansas City later in the year.



Missouri Department of Elementary & Secondary Education (DESE)

The Missouri Department of Elementary and Secondary Education (MO DESE) maintains updates on the agencies website with details related to COVID-19 and DESE and/or public school operations. LEA's are required to update the Safe Return and Continuity of Services Plan (SRCSP) no less than every six months. The SRCSP addresses how the LEA periodically reviews and revises, if necessary, its plan. The review and revision process should include the LEA's plan to consult with stakeholders as required by the statute, and remain posted on the LEA's website through December 2024.

MO DESE worked with Local Education Agencies (LEAs) to promote the use of Missouri's school violence tip line, Courage2Report. Through the use of Courage2Report, school staff and students are introduced to an overview of the importance of school violence tips lines as a tool to prevent and mitigate the potential acts of violence at schools. Courage2Report outlines roles and responsibilities for responding to tips and enhances communication among various state agencies. The training includes a description of what events to report, how to report, and how to respond to tips through Courage2Report. The platform offers several methods for submitting a report by phone, online, and through a mobile application.

Through grant funding, MO DESE continues to partner with the Missouri School Board Association's Center for Education Safety (MSBA CES) to train key school staff as School Safety Specialists. Schools create a unique environment during crisis that may put any administrator, teacher or staff person in a position that demands an effective response to mitigate or prevent violence and harm. Education and training, as part of a comprehensive school safety plan, are key to an effective crisis response. Missouri Revised Statute 160.660 requires every school district in Missouri to identify a School Safety Coordinator. The position requires a thorough knowledge of all federal, state, and local school violence prevention programs and resources. Coordinator responsibilities include the coordination of school safety related training, emergency planning, and other school safety related activity for school staff. This on-going no-cost training allows attendees from school districts and charter schools to earn a "School Safety Specialist" certification. Following certification, School Safety Specialists are required to complete additional training annually to maintain certification. Academy training is focused primarily around these school safety topics:

- Effective Communication/ Information Sharing
- Mental Health/Behavioral Risk
- School Climate and Culture
- Emergency Operations Plan
- Physical Security/Technology
- Safety Assessments/ Audits
- Training/ Drills
- Legal Issues
- Cyber Security

The partnership with the Missouri School Board Association also allowed for participation in a variety of other activities, which included:

- Creation of JRI: Reducing the School to Prison Pipeline Learning Series-self-paced online learning series about roles and responsibilities of School Resource Officers, Children's Division with Department of Social

Services, Trauma-Informed Schools, Juvenile Office, School Based Mental Health, Community Mental Health, Legal Issues, and examples of diversion programs (Ozark School District)

- Initiation of a suicide prevention survey, assessments, and support resources in rural school districts working with Therapylog
- Participation in state leadership tabletop exercise related to a school safety related incident. Attendees: State Emergency Management Agency, Department of Public Safety, Department of Mental Health, DESE, Department of Natural Resources, and MSBA CES
- School Resource Officer/School Administrator Training that defined the roles and responsibilities, MOU development, and relationship building
- Finalization of a drill guidance document for teachers and administrators. This includes requirements for drills, best practices, sample calendar for drills and resources
- Training in Cyber Dangers in Apps and Social Media



Missouri Department of Health & Senior Services (DHSS)

The Missouri Department of Health and Senior Services has continued to monitor, provide services for, and coordinate responses to several infectious diseases throughout 2022. The COVID-19 Pandemic surged during the winter of 2021/2022 requiring data tracking, vaccine distribution, and resource assistance for hospitals and other healthcare providers. Although DHSS moved to an endemic monitoring phase in April, those efforts continue as new COVID variants emerge and seasonal respiratory diseases experience early and strong surges. During the summer, DHSS responded to the national Monkeypox outbreak and monitored travelers from Africa for potential Ebola exposure. DHSS also monitored individuals exposed to avian influenza during summer months as affected bird populations were culled. DHSS continued radiological inspections and exercises, making up for lost time due to COVID restrictions in 2020 and 2021.

Office of Emergency Coordination

Radiological/Chemical Emergency Response Program

General Information

- The radiological/chemical emergency response program transitioned from the Section of Environmental Public Health to the Office of Emergency Coordination in April 2022.
- All vacancies within the program have been filled including the addition of an H&I program specialist position.
- DHSS Radiological Program staff has provided technical reviews of radiological sampling reports completed at Jana Elementary School.
- Radiological program staff continue to assist with the approval and distribution of PPE, test kits and vaccine supplies for COVID-19 response efforts.

Nuclear Power Plants

- DHSS Radiological Response Teams toured the Callaway Energy Center's field monitoring team vehicles on September 28th, 2022.
- MO DHSS and MO SEMA completed a plan review and walkthrough of the SSM St. Mary's Radiological Decontamination Process on September 15th, 2022.

- University of Missouri Hospital and Ambulance District completed a FEMA evaluated Medical Services exercise on October 11th, 2022. DHSS Radiological Response Program provided controllers and subject matter expertise for the exercise.

Radiological Shipments and training

- DHSS continues to inspect Highway Route Controlled Quantities of radioactive material that traverse through the state. 21 HRCQ shipments have been inspected in 2022. (3 additional HRCQ inspections are scheduled for December 2022)
- DHSS continues to review and track low level waste shipments throughout the state. 476 low level waste shipments were processed in 2022.
- The public demonstration of the Naval Nuclear Propulsion Program Transportation Accident Exercise was completed on September 14th, 2022.
- A radiological refresher training was provided to the Callaway County Medical Reserve Corps on November 22nd, 2022.
- A radiological refresher/Nuclear Power Plant training for Callaway, Montgomery, Gasconade, and Osage county EMDs is scheduled for December 14th, 2022.
- A Modular Emergency Response Radiological Transportation Training (MERRTT) was completed on November 10th, 2022.
- A RadResponder two day training/tabletop exercise is scheduled for December 8th and 9th in Jefferson City, MO. Agencies attending include: DHSS, MO SEMA, MO DNR and the 7th CST from the MO Natural Guard.

Hospital and Public Health Preparedness Programs

- The DHSS OEC maintains a 24/7 public health Emergency Operation Center (ERC) which monitors healthcare facilities, takes reports on public health incidents, and shares information on health alerts and healthcare incidents.

COVID-19 and Infectious Disease Response

- The OEC monitors COVID-19 hospitalizations, staffing levels, and other resource shortages at hospitals and other healthcare facilities. COVID hospital admissions decreased slightly during late summer and early fall months, but are beginning to rise. Pediatric hospitalizations due to Respiratory Syncytial Virus (RSV) infections saw a significant surge in the early fall and currently influenza hospitalizations are rising sharply. While most hospitals have been able to manage the increases, hospital capacity remains strained due to staffing shortages. Emergency department hold times are high at trauma centers and pediatric hospitals. And patient transfers over longer distances have increased.
- In collaboration with SEMA, DHSS OEC continues to maintain a warehouse of PPE supplies and provides them to healthcare providers through an online request and shipping system. PPE includes N95 masks, procedure masks, face shields, goggles, nitrile gloves, and isolation gowns. Since March of 2020, DHSS has received a total of 15,602 requests and shipped a total of 404,146 cases of PPE.
- DHSS also maintains a cache of 500 ventilators for use by hospitals during medical surge events. Seven ventilators are currently deployed to Missouri hospitals and EMS agencies for the COVID response. All ventilators are undergoing preventive maintenance.
- Vaccination ancillary supplies continue to be available including needles, syringes, alcohol pads, cotton balls, and sharps disposal containers.
- DHSS supplies ACON Flowflex and iHealth COVID antigen test kits to approved healthcare providers, schools, congregate care facilities and state agencies. A total of 567,020 of these test kits have been distributed since February 9th.
- The OEC also manages the distribution of COVID-19 therapeutics including oral antivirals and monoclonal antibodies. Since September of 2021, federal HHS has allocated therapeutics to states who make decisions on distribution. This information is fed back to HHS for shipping directly to facilities. Demand has

decreased and federal HHS has decreased allocations in order to extend the availability to states. Funding for additional federal purchases has not been approved by Congress.

Section for Disease Prevention

Influenza Monitoring

- Influenza activity for the 2022-2023 season began earlier than usual and increased rapidly resulting in a significant early increase in hospitalizations.
- Laboratory-positive influenza cases for the current season as of November 26 totaled 23,495, an increase of over 2,600% from last year at this time. The rate of patients hospitalized with Influenza is almost double that of last year.
- Reported laboratory-positive influenza cases for the 2021-2022 season totaled of 41,163 which was significantly below average.
- Deaths in Missouri associated with influenza so far this season total four. Twenty-nine influenza-associated deaths were reported in Missouri for the 2021-2022 season.

COVID-19 Monitoring

- DHSS continues to monitor COVID-19 cases, hospitalizations, deaths, test results, and variant sequencing. The State of Missouri Emergency Declaration expired in April 2022; however, DHSS continues to display COVID data on our [dashboard](#).
- DHSS works in collaboration with DNR and the University of Missouri on the [sewershed project](#) which collects and analyzes samples from sewage treatment facilities for genetic sequencing to monitor for COVID viral load and variant distribution.
- DHSS continues to host and support COVID community testing events around the state at a reduced level.

COVID-19 Vaccination

- The DHSS Bureau of Immunization manages the distribution of COVID and influenza vaccines throughout the state. Since the start of the pandemic, a total of 4,225,677 people have received one dose and 3,596,556 people have completed the primary series. 58.6% of Missourians have completed COVID vaccination (two primary doses). A total of 671,417 individuals over five years old have received the updated bivalent booster.

Monkeypox Response

- DHSS partnered with local public health agencies to distribute Jynneos vaccine and Tpoxx antiviral medications for Missouri citizens infected or exposed to the Monkeypox virus. There have been 189 confirmed Monkeypox cases in Missouri since the beginning of the outbreak in May 2022. A total of 6,902 vaccinations have been administered.

State Public Health Laboratory

The Missouri State Public Health Laboratory (MSPHL) is collaborating with several other state agencies to co-locate laboratories representing health, environment, animal health, wildlife health, and forensics into a multi-agency **One Health Laboratory Campus** that is anchored by the existing MSPHL facility. The centralized campus will provide a transformative benefit in sharing information and knowledge regarding overlaps in testing and pertinent health and environmental discoveries between state agencies. These partners will be able to share technology, equipment, expertise, and space where possible and share access to general laboratory supplies and similar laboratory support services. The laboratory campus is currently in the design phase and is planned to be completed by December 2026.

Laboratory Sample Testing:

COVID-19:

1. 9529 specimens run
2. 3954 were positive (A large percentage of our submissions for COVID-19 are known positives coming in for sequencing)
3. Based on data from only the MSPHL, we have lineage data on 2,908 samples. Of those:
 - 105 were a Delta lineage
 - 2,803 were an Omicron lineage
 - 1893 were BA.1 (or a sublineage of BA.1)
 - 365 were BA.2 (or a sublineage of BA.2)
 - 11 were BA.3 (or a sublineage of BA.3)
 - 86 were BA.4 (or a sublineage of BA.4)

Monkeypox:

1. For MPX testing, we collect multiple samples per patient. Because of that, data is broken down by number of samples and number of patients.
 - 225 samples tested
 - 58 samples were positive
 - 140 samples were negative
 - 27 samples were invalid and/or unsat
 - 105 patients tested
 - 29 patients were mpx positive
 - 7 patients were HSV I and/or HSV II positive
 - 1 patient was VZV positive
 - 448 were BA.5 (or a sublineage of BA.5)

Avian-flu:

- We tested a total of 5 samples but there were only 3 different individuals that were tested (we received 2 samples from two of the patients) All were negative.

Division of Regulation and Licensure

- The DHSS DRL has been working with hospitals to provide regulation variances where possible in order to address staffing shortages and other needs resulting from the COVID- 19 pandemic and the surge in pediatric patients at children’s hospitals due to RSV and other respiratory illnesses. This adjustment is ongoing and will likely continue through the federal PHE.
- DRL continues to monitor COVID outbreaks at regulated long term care facilities.
- DRL has also been working with DHSS OEC and the Missouri Hospital Association (MHA) to improve accuracy and automation of hospital capacity and communicable disease data collection in order to better inform healthcare response.
- DRL is working to implement guidance / rule promulgation regarding facilities impacted by the “Essential Caregiver Program Act” and the “Compassionate Care Visitation Act”, passed during the 2022 legislative session.



Missouri Department of Mental Health (DMH)

In 2022, the DMH Office of Disaster Services (ODS) continued to respond to disasters around the state. DMH staff are actively involved in planning, preparing, responding and recovery activities statewide with DMH facilities, community providers and agencies, and federal, state and community partners.

In early July 2022, ODS ended the FEMA Crisis Counseling Program (CCP) known as Show Me Hope in response to the pandemic. We reached over 4.7 Million Missourians through this program. Within a couple weeks of the program ending, the Show Me Hope CCP was stood back up in response to the flooding in St. Louis City, St. Louis County and St. Charles County. The DMH estimates that the FEMA CCP will run through the fall of 2023.

In addition to the pandemic and flood response, the DMH ODS coordinated behavioral health response in MO due to the Amtrak Train Derailment (July), Mendon wildfire (October), and the St Louis School Shooting (October).

DMH also continues maintaining and operating two PPE caches for the 28 DMH locations (facilities, hospitals, regional offices and central office) across the state. The two locations are in St. Louis and Higginsville.

Disaster Response State Grant (DRSG): DMH was awarded a SAMHSA-funded Disaster Response State Grant 10/1/2020 – 9/29/2022 for 26 Missouri counties impacted by severe storms, floods and tornados in 2019. This grant provided funds for behavioral health services for youth and adults, outreach, education and training. Overall, target goals were far exceeded as 6,335 Naloxone Kits, 10,225 Fentanyl Test Strip Kits were distributed, 11 different evidence-based trainings were provided to behavioral health professionals, helping professionals and the general public. In total, 18,166 people completed training, which included 10 college campuses, 13 school districts and 41 individual school buildings. Media outreach efforts through Learfield included billboards, email distribution, informative graphics and video ads, podcasts series and radio communication. Combined, these efforts reached 30.1 million impressions with Missourians.

Behavioral Health Strike Team: DMH ODS continues to recruit, expand and develop the State of Missouri Behavioral Health Strike Team (BHST). The BHST has responded to various events across the state including the Amtrak train derailment and the St. Louis CVPA school shooting. Information on the BHST can be found at: <https://dmh.mo.gov/disaster-services/behavioral-health-strike-team>

2022 Trainings given/Conferences attended or presented at/Exercises held and participated in:

- SEMA Spring tabletop exercise.
- DMH ODS trained DMH facilities on “How to Design and Deliver a Tabletop Exercise.”
- DMH in partnership with SEMA, DSS and DHSS help an ESF8 tabletop exercise on repatriation.
- DMH hosted several training opportunities for staff to become trained in Critical Incident Stress Management (CISM)
- National Organization for Victim Assistance (NOVA) basic and advanced training courses.
- Repatriation exercise
- New Madrid Seismic Zone exercise
- Published free trauma informed care trainings. There are three (3) courses available; Trauma Informed Care for Helping Professionals, Trauma Informed Care and Trauma Informed for Teens. You can find these free trainings here: <https://modmh.thinkific.com/>

- A 20 part series on helping First Responders
https://www.youtube.com/playlist?list=PLNLI6SAOm1yTObdgbNGT3_PJGCL9UaLij
- Published the Hero's That Help series with interviews from MO Dept. of Commerce and Insurance, SEMA, MODOT, DMH, and DNR)
https://m.Indg.page/Cc81ch?fbclid=IwAR10YQ_DsukdzOyAFDG9YYyJKt3k1Q9NtrvzYupllczablggRBXkG14uQrM
- Situational Awareness
- Active Threat
- Stop the Bleed
- CPR/First Aid
- Continuity of Operations (L1301)
- ALICE Train the Trainer
- FEMA Mitigation
- Psychological First Aid
- Psychological First Aid Train the Trainer
- AADD (Association on Aging with Developmental Disabilities) Conference
- MO Behavioral Health Council Conference
- National Preparedness Conference
- National Healthcare Coalition Conference

Other activities: DMH ODS serves on several committees and workgroups to address mitigation, preparedness, response and recovery. These include: Access and Functional Needs, Children and Youth in Disasters, State Mass Care Committee, State VOAD (Voluntary Organizations Active in Disaster), The Governor's Faith-based and Community Service Partnership for Disaster Recovery (the Partnership), State Continuity of Operations Planning, Victim Information Center (VIC) planning, Emergency Council Workgroup in partnership with the MO Behavioral Health Council, Recovery Support Function meetings, Health Coalition Leadership, DMH Children's Team, Healthcare Preparedness Planning (HPP) and Public Health Emergency Preparedness (PHEP), State Risk Management Team, Homeland Security Advisory Council, and Center for Education Safety.



Show Me Hope Crisis Counseling Program for survivors in St. Louis and St. Charles impacted by the floods.



Missouri Department of Natural Resources (DNR)

The Missouri Department of Natural Resources is an active partner in the state's Homeland Security Advisory Council, and presents this end-of-year report that summarizes the department's awareness, prevention, protection, mitigation, response and recovery activities in 2022. The actions detailed below were carried out as part of standard agency functions and did not utilize any dedicated homeland security grant funding. We do note that the department has received funding for critical equipment that is continually maintained in a state of readiness and used in environmental emergency response and monitoring. This equipment is also vital for use in radiological response training and/or incidents that could occur in the state.

A summary of 2022 events are listed below:

- The department is the lead agency for ESF3: Public Works and Engineering, ESF10: Oil and Hazardous Materials Response, and RSF6: Natural and Cultural Resources. Working with our partners at the Missouri Rural Water Association, the department was actively engaged in various spring and summer exercises related to extreme-weather responses. These activities included monitoring and response tasks during several flash-flood events that affected various community public works systems. Participation in SEMA exercises and events in 2022 included the following:
 - Spring Weather Drill March 29
 - Guardian Center SEOC Planning Exercise April 28
 - Cooper Nuclear Plant Graded Exercise May 24
 - New Madrid Impact Area Mass Care Exercise May 26
 - Alternate SEOC Drill June 14
 - Ameren Callaway Drill June 28
 - SEMA 2nd Annual Resiliency Summit July 12
 - SEMA Partnership Mass Care Workgroup July 21
 - SEMA Southeast Shake Up Exercise Sept. 7
 - SEMA Shake Up/Guardian Exercise Oct. 18-19
 - NMSZ Evacuation/Communications TTX Oct. 26
 - FEMA/SEMA Regional Interagency Steering Committee Nov. 15-17
- Department staff continued to coordinate with SEMA on various efforts in 2022, including reviewing the State Emergency Operations Plan (SEOP), Emergency Management Accreditation Plan (EMAP), Quarterly Continuity of Operations Plan development/updating, and developing the State Integrated Preparedness Planning Workshop (IPPW) documents. Together, these efforts help to ensure optimal operational understanding and efficient coordination, productive collaboration, clear situational awareness and, ultimately, effective responses launched by ESF agencies.
- The department coordinated six pesticide-collection events in calendar year 2022 using funds attained from a federal settlement. The collections were open to all Missouri farmers and households, and took unwanted pesticides including: herbicides, insecticides, fungicides, rodenticides, de-wormers, fly tags and fertilizers containing pesticide. The six collection events included:

- March 12 – Portageville 35 participants, 96,766 lbs.
- March 26 – Appleton City 31 participants, 8,839 lbs.
- April 9 – Washington 77 participants, 13,000 lbs.
- May 21 – Farmington 24 participants, 7,253 lbs.
- June 11 – Chillicothe 47 participants, 15,441 lbs.
- Oct. 15 – Versailles 32 participants, 15,859 lbs.

The Missouri Pesticide Collection program is a non-regulatory, consumer services program that is part of the department's Waste Management Program. The program began in 2012 as a way to provide Missouri farmers and households with a convenient, free opportunity to properly dispose unwanted waste pesticides. All pesticides collected during the event are categorized, sampled (if unknown), placed into proper shipping containers and transported off site by a licensed hazardous waste contractor to a permitted hazardous waste incineration facility for disposal. This was a successful year of waste pesticide collection operations and generated a total waste volume of approximately 157,050 pounds in 2022, exceeding 2021's collection volume of 99,266 pounds. Since 2012, the Missouri Pesticide Collection Program has collected more than 890,000 pounds of waste pesticide from 2,196 participants. Additional information about the Pesticide Collection Program may be viewed at dnr.mo.gov/env/hwp/pesticide/.



Missouri Pesticide Collection Program

- The department hosted meetings of the Drought Assessment Committee, which is a multi-agency drought response planning group for the State of Missouri. These meetings were held Aug. 4, Sept. 16 and Nov. 10, and allowed state and federal agencies to discuss drought response options. Actions included MoDOT streamlining hay movement for Missouri farmers and the formation of agriculture and river navigation impact teams to continue assessing the different effects the drought is having on the state. These efforts were in response to Governor Parson's July 21 drought alert for 53 Missouri counties. While those conditions at that time have improved, the department, as part of a partnership with several agencies and the Missouri State Climatologist, continue to monitor drought conditions throughout 2022 and into 2023.
- The department, in coordination with DHSS, DPS, MoDOT, MSHP and local first responders, worked jointly with the federal Naval Nuclear Propulsion Program (NNPP) to implement a series of emergency response exercises and field demonstrations at Norfolk Southern railroad locations in the Moberly area. These emergency response exercises focused on rail shipments of casks containing spent nuclear fuel from east coast naval ship and submarine reactors to the U.S. Department of Energy's Idaho National Laboratory for

long-term interim storage. A series of tabletop planning exercises were held in Columbia on May 25 and June 21, a field demonstration in the Moberly railyard on Aug. 2, and a final field demonstration on Sept. 14.

- The department, in partnership with DHSS and researchers at the University of Missouri-Columbia, continued to implement a wastewater sewershed sampling program that monitors for genetic indicators of the COVID virus and its variants. University virologists analyze for indicators of virus variants, and provide this information to assist public health officials in monitoring the virus's magnitude, mutation and spread. The sewershed program currently provides weekly sampling at 106 locations composed of municipalities, critical industrial operations, state corrections facilities, veteran's homes and state mental health facilities, with an estimated monitoring expanse of 3.6 million Missourians. State-run facilities have utilized data to trigger additional mitigation actions, and have been able to offer more timely responses than when using standard virus indicators. Grant funding received by DHSS will allow this sampling program to continue into mid-2023.
- Department staff coordinated with SEMA and other public safety counterparts throughout the year and participated in the following homeland security related workgroups:
 - Regional Homeland Security Oversight Committee Meetings
 - Biosecurity Working Group Meetings
 - St. Louis Area BioWatch Advisory Committee Meetings
 - State Risk Management Team Meetings
 - Mass Care Committee Meetings
 - FEMA Region7/SEMA NMSZ Evacuation Management Team Meetings
- One of the department's primary duties is responding to hazardous material spills, with our Environmental Services Program (ESP) operating a 24/7 spill hotline (573-634-2436) for reporting environmental incidents. The ESP's Environmental Emergency Response (EER) Section deploys staff to respond to these incidents as needed. Several higher-profile hazardous material events that occurred during 2022 are described below.



Jan. 5, 2022: Multiple-vessel fire at a marina in West Alton. Several large houseboats caught fire and released petroleum products to the marina bay. Local fire officials extinguished the fire. EER staff were deployed to assess the incident and provide technical assistance to the responsible party. The responsible party hired an environmental cleanup contractor to contain surface flow and use a vacuum-truck and oil-absorbent technologies to remove the released oil and applied floating fire-fighting foam from the marina bay.



Jan. 27, 2022: Commercial truck accident in Rolla on I-44. A truckload of Chevrolet Volt electric car batteries overturned. Local officials responded to the crash scene and requested technical guidance from EER, although no on-scene response was requested. Fire department and MoDOT officials moved the spilled batteries into the median for resolution at a later date. After a quick evaluation of the battery conditions and assembly, EER staff determined that no hazardous substance release was involved that would impact the highway work permit process. The batteries' owners requested expedited MoDOT highway work permit approval, and General Motors company officials made the request to senior state management for the removal of this load from the median. MSHP officers assisted with the lane closure for this removal action.



March 11, 2022: Marathon Pipeline reported a release of oil due to equipment failure, estimated at more than 3,000 barrels, from a 22-inch subsurface pipeline near Edwardsville, Madison County, Illinois. Oil had impacted Cahokia Creek, a tributary of the Mississippi River, and was reported to the National Response Center by a downstream facility and other neighboring locations complaining of odors. Environmental cleanup contractors, along with Marathon Pipeline response crews, deployed booms at strategic spots along the creek.

EER staff coordinated between the lead regulatory agencies, U.S. EPA and Illinois EPA, and notified downstream drinking water intakes along the Mississippi River to make them aware of the release and evaluate any potential threat to the river and their systems. Marathon recovered 17,765 barrels of oil/water mix and 5,320 cubic yards of suspected petroleum-contaminated soil/debris.

March 17, 2022: A large multi-vehicle pileup with fatalities occurred on Interstate 57 in the southbound lanes, near exit 12 in Charleston, Missouri. MSHP and MoDOT staff reported that several commercial and private vehicles involved in the wreck were on fire. Fuel and other commercial material was released as a result. Immediately following the event, MoDOT assembled a virtual state emergency operations center which displayed on-scene developments using real-time camera footage, greatly enhancing response effort effectiveness. Multiple EER staff responded to the crash scene, and contracted with Environmental Works Inc. (EWI), to conduct scene stabilization and remediation activities on both spilled materials and applied absorbents.



Multi-Vehicle Pileup on Interstate 57 in Charleston, MO

June 9, 2022: Hazelwood Asphalt Plant fire. The Hazelwood Fire Department requested EER assistance with a fire and explosion at an asphalt facility in Hazelwood. A large above-ground storage tank failed to relieve pressure and ruptured, causing a fire and a release of asphalt oil. Some of the release and firefighting liquids went to a nearby containment area, allowing the responsible party's contractor to remove it for disposal. Beyond firefighting liquids, much of the released asphalt hardened on the responsible party's facility before being collected for disposal.

June 24, 2022: Mercury release and public exposure. The Cape Girardeau Fire Department requested assistance with the investigation and cleanup of a mercury release in a convenience store from a customer's backpack. The store was evacuated, and EER responders conducted air monitoring and recovered mercury with a mercury vacuum. The individual with the backpack was ultimately detained by local law enforcement. As a result, a sheriff's department vehicle and two other convenience stores were evaluated, and all areas required cleanup for mercury contamination. EPA Region 7 provided cleanup assistance.

June 27, 2022: AMTRAK derailment in Mendon, Chariton County. An AMTRAK accident occurred near Mendon when a commercial dump truck and an AMTRAK train collided, causing multiple casualties. An EER responder was dispatched to the scene and assisted other state and local emergency management staff at the location. Minimal hazardous material was released. AMTRAK officials were notified of their responsibility to conduct a cleanup of released diesel fuel once all immediate public safety efforts were complete.



Flash Flooding – St. Louis, MO

July 26, 2022: Flash flooding in St. Louis. St. Louis County Fire Department reported that flood waters had carried off at least 50 chemical totes and several 55-gallon drums into the Des Peres River in St. Louis County. These 300-gallon totes were mostly empty, but released some amount of their contents to Deer Creek, the Des Peres River and the Mississippi River. EER responders secured the containers to bank structures and identified the responsible party, who agreed to take over recovery efforts.

Aug. 23, 2022: Safe security gas deployment system dismantling and disposal. The Poplar Bluff Fire Department reported that an older model safe was found to have a Badger Safe Protector gas countermeasure system attached to the inside of its door. EER staff deployed to the site and worked with local responders. The canister likely contained tear gas in glass tubes, with the potential for the canister to also contain an explosive compound like picric acid. The SEMO Bomb Squad was contacted and met with Poplar Bluff Fire Department and EER staff, where they transported the device to a local landfill and destroyed it via explosive charge.

Sept. 9, 2022: C-Mart gas tanker fire in Dexter. A petroleum fuel delivery truck overfilled the facility's aboveground storage tanks and released gasoline, which came in contact with the truck engine and ignited. Fire engulfed the gas spill and nearby area. EER staff were deployed to the scene to assist in mitigating the further spread of any remaining gasoline that had not combusted in the fire around the tank loading area, and ensured the gasoline release was completely addressed.



C-Mart Gas Tanker Fire – Dexter, MO

Nov. 3, 2022: State Technical College mercury cleanout. During laboratory drain clean out in the Electronic Technology Center, college staff discovered elemental mercury had collected in the drain system. EER staff were deployed to the site to conduct air monitoring and an environmental contractor was hired to conduct cleanup. Approximately 5 pounds of elemental mercury was collected from the drains. Classes in the laboratory were suspended until cleanup was complete. Classes were allowed to resume Nov. 8, following confirmation sampling.



State Technical College Mercury Cleanout

EER staff continue to share any potential homeland security-related information/reports received directly or through the National Response Center with the MIAC.

Finally, EER staff attended two EPA Region 7 Regional Response Team (RRT) meetings, one virtually March 23, 2022, and the other in-person in Kansas City on Sept. 21-22. During these efforts, EER staff coordinate and network with other member states and federal agency representatives of the RRT and receive briefings on recent response activities.



Missouri Department of Social Services (DSS)

The Department of Social Services (DSS) homeland security activities during 2022 were focused on the mission areas of response and recovery. DSS team members participated in the multi-agency resource centers conducted in the St. Louis Region to provide resources to assist citizens recover from flooding. DSS also participate in multiple exercises to test and improve response core capabilities of Planning, Operational Coordination, Mass Care Services, Health and Social Services, and Public Health and Medical Services.

DR-4665 Flash Flooding Recovery

Department of Social Services team members participated in the Multi Agency Resource Centers held August 2-August 11 in the communities impacted by DR-4665, St Louis area flash flooding. DSS team members provided information on all DSS programs and services. DSS processed 1,010 applications for replacement SNAP (Food Stamp) benefits and issued \$432,477.00 in replacement benefits for food destroyed by the disaster.

<u>Date</u>	<u>Location</u>	<u>Survivors Served</u>
8/2/2022	Element Church, 100 Mall Pkwy, Unit 500, Wentzville, MO	19
8/3/2022	JFK Community Center, 315 Howdershell Rd, Florissant, MO	28
8/4/2022	Centennial Commons, 7210 Olive, University City, MO	116
8/5/2022	Friendly Temple Baptist Church, 5515 Dr. Martin Luther King Drive, St. Louis MO	71
8/6/2022	Friendly Temple Baptist Church, 5515 Dr. Martin Luther King Drive, St. Louis MO	136
8/9/2022	Friendly Temple Baptist Church, 5515 Dr. Martin Luther King Drive, St. Louis MO	102
8/10/2022	Friendly Temple Baptist Church, 5515 Dr. Martin Luther King Drive, St. Louis MO	234
8/11/2022	Friendly Temple Baptist Church, 5515 Dr. Martin Luther King Drive, St. Louis MO	304

State Emergency Repatriation Plan

DSS with the assistance of SEMA Training conducted a functional exercise of the State Emergency Repatriation Plan September 12 -13, 2022, at the St. Charles Convention Center and the Lambert St. Louis International Airport.

The exercise focused on the first 48 hours after activation of the Missouri plan by the Department of Health and Human Services, Administration for Children and Families, and tested notification and deployment of resources to establish an Emergency Repatriation Center and the supporting functions. Department of Social Services team members also participated in the ESF#8 State Emergency Repatriation table top exercise May 25, 2022, conducted by DHSS, DMH, and SEMA Training.

New Madrid Seismic Zone Planning

Department of Social Service team members participated in the planning meetings conducted to draft field guides supporting mass care services during an evacuation of the impact zone following a major New Madrid Seismic Zone earthquake. DSS team members also participated in the NMSZ Mass Care TTX held on the SEOC floor 5/26/2022 and 10/26/2022.

Radiological Emergency Preparedness

The Department of Social Services is a primary state agency in the Reception, Care and Decontamination Center plans for both the Callaway Energy Center and the Cooper Nuclear station and the co-lead agency for ESF #6. DSS team members representing DSS and ESF#6 participated in dress rehearsal and graded exercises for both plants emergency plans conducted 4/5/2022, 5/24/2022, and 6/28/2022 on the SEOC floor.



DSS Team Members at the Child Care Area set up during the Emergency Repatriation Exercise in the St. Charles Convention Center.



DSS team members assisting survivors at the Multi-Agency Resource Center held at the Friendly Baptist Church, St. Louis, MO following the July flash floods.



Flood survivors waiting for assistance at Multi-Agency Resource Center held at the JFK Community Center, Florissant, MO following the July flash floods.



Missouri Department of Transportation (MoDOT)

The Missouri Department of Transportation (MoDOT) continues to be actively engaged in the emergency preparedness, prevention, mitigation, response, and recovery programs for Missouri. MoDOT leads the Emergency Support Function for Transportation (ESF-1) during State Emergency Operations Center (SEOC) exercises and activations and continues to be the lead agency for the State's Infrastructure Recovery Support Function (RSF). Recovery from damage to the state's transportation infrastructure is still underway from numerous years of flooding and tornadoes. Several resilience projects are currently being constructed in collaboration with Federal Highway Administration (FHWA) to help reduce future recovery timelines from impacts of flooding. MoDOT continues to explore mitigation opportunities related to hazards posed to the state's transportation system.

On November 8, 2021, several state agencies signed the Missouri Open Roads Agreement. This agreement is a first of its kind in Missouri – one that sets goals for responders to clear roadway accidents within 90 minutes of arrival. The agreement also sets expectations for coordination among response agencies and use of National Incident Management System (NIMS) principles. The overall goal of the agreement is to make crash scenes safer for Missouri's responders.

MoDOT is increasing its outreach to the response community to provide more information on Traffic Incident Management (TIM). We have developed a TIM Coordinator role in each of our seven districts. This position will help with coordination of TIM courses and developing TIM coalitions regionally. The coalitions will bring together responders to discuss issues and strategies to improve safety. MoDOT has also created an online process for Missouri agencies to request our TIM training. This course provides guidance to responders on how to implement traffic control measures and safely work a traffic incident. The training is free and agencies can request a course at: <https://www.modot.org/TIMTraining>.

MoDOT will delivered NIMS 300 and NIMS 400 courses in each of our seven districts in 2022. Several state agency partners also participated in this training. In 2023 we will deliver these courses again in the Kansas City, Jefferson City and St. Louis areas. We will also have a two-day training and exercise for each of 7 district Emergency Operations Center in 2023. The department participated in the following exercises:

- SEMA Alternate EOC Site
- Ameren Emergency Operations
- New Madrid Mass Care
- New Madrid Evacuation
- DSS Repatriation Plan exercise
- Naval Nuclear Propulsion Program
- Region E Communications Rodeo
- Great Central U.S. Shakeout
- Central States Communications
- MO Task Force 1/DMAT New Madrid Seismic Zone Response
- Jasper-Newton County Traffic Incident Management Coalition
- MoDOT Snow Drill
- MoDOT Emergency Communications and Accountability



MoDOT's two 30-foot Mobile Emergency Response Centers (MERO) in service since 2005.

MoDOT had two 30-foot Mobile Emergency Response Operations Centers (MERO) in service since 2005. The trailers and communications equipment were at the end of service life, so the MoDOT Safety and Emergency Management Unit used internal funding to replace the units. We chose to build trailers that were deployable with a half-ton vehicle.

Features of the two trailers include:

A 12kw diesel generator; HVAC in the electronics compartment; two 30-foot pneumatic masts with locations for as many as eight antennas; an infrared video camera capable of remote operation; four Missouri Statewide Interoperability Network- (MOSWIN) capable mobile radios with remote microphones and remote control heads that can be deployed in a building; FirstNet and US cellular data capability; satellite data capability; the ability to provide a local data connection at the trailer or by pulling a wired connection into a building; and a tent that connects to the rear of the trailer to provide a sheltered command post with HVAC.

This resource will help support MoDOT responses and in turn, we can support other state agencies' requests for assistance if we are not already deployed. MoDOT is open

to support other agencies' training and exercises in the future.

MoDOT has also implemented a plan to replace 12 radio towers over the next five years as well as upgrade existing radio equipment, generators, and tower lighting systems at all 47 of our tower sites over the next 10 years. Included in this project will be replacement of several of the buildings that house the equipment onsite, which will allow us to meet seismic standards where needed.

Internally, MoDOT has worked across our agency to update our Continuity of Operations Plan (COOP). This plan covers an organizational structure and processes used to recover from a disaster. It prioritizes tasks that are critical functions of the agency. In the past COOP focused on the loss of buildings and equipment that may impact our ability to provide services. After COVID-19 we have prioritized tasks that take into account the number of employees that may be affected by a pandemic.



Missouri Division of Fire Safety (DFS)

The Division of Fire Safety has received \$12,300.00 from various Homeland Security Grant opportunities made available to law enforcement agencies. These funds were used to purchase the following equipment: respirator masks and filters, flashlights, tactical light holders, and debris-sifting screens. The respirator masks and filters are used to protect our investigators from airborne particulates that are often encountered during the investigation of fire and post-blast scenes and can prevent future illnesses caused by the inhalation of these dangerous airborne particulates. The flashlights and sifting screens are assisting our investigators in locating and recovering fire and post-blast evidence, which is often found in the debris of these types of scenes.



Missouri Capitol dome glowed red in honor of fallen firefighters in the month of October 2022

Respirator Masks – \$4,600.00

Debris Sifters – \$2,700.00

Flashlight holders - \$273.52

Flashlights – \$4,726.48

The Division of Fire Safety currently has two applications pending for Homeland Security Grant Funds. The grant applications are for tools and equipment used in the excavation of debris along with the location and recovery of criminal evidence. We have also applied for the LETPA Grant for new radio communication equipment. This funding would replace our aging and outdated radio equipment that is vital to the state and federal interoperability plan and will ultimately improve our response to all types of investigations.

Grants applied for:

CTO: DeWalt Tools - \$5,000.00

LETPA:

Kenwood Portable Radio – \$71,720.00

Kenwood Mobile Radio – \$79,019.80

Vehicle Repeater – \$84,000.00

Labor/Install/Part/Fees – \$14,831.65

Total Cost of Radios: **\$249,571.45**

Total amount of Applied for Grants: **\$254,571.45**



Scene Lighting



Debris Sifters



Particulate Air Filter Mask



Missouri Emergency Medical Services Association (MEMSA)



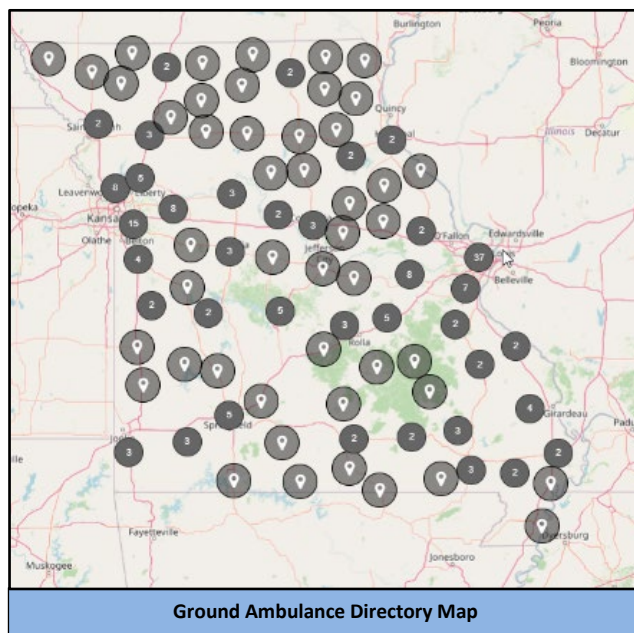
In 2022, The Missouri Emergency Medical Services Association, Inc. adopted a resolution to form a sub-division within the association that would focus on enhancing the EMS Mutual Aid Network. The Missouri Emergency Medical Task Force or MO-EMTF was formed and is currently being developed with plans to become more formalized in 2023.

The MOEMTF will be a network of resources and personnel that are connected to support local, regional, and statewide incidents where mutual aid may be needed.

MEMSA committed \$25,000 toward a proof-of-concept project to purchase a cloud-based disaster management software program that is customized to EMS. This is a Software as Service (SAS) agreement that can assist in the rapid notification and deployment of EMS resources to incidents. This software is in the development phase and once we can prove concept, we will be seeking financial backing from key stakeholders for maintenance and support of this important solution.

MEMSA has submitted a data sharing agreement with the Missouri Hospital Association to integrate with their software, EMResource, so EMS agencies can view live hospital statuses from within one software platform once fully implemented.

Another focus for 2023 will be to engage with agencies that have not historically participated in data and resource sharing and to provide an easy-to-use platform for them to engage with the mutual aid network and other public safety partners.





Missouri Information Analysis Center (MIAC)

The Missouri Information Analysis Center (MIAC) is recognized by the U.S. Department of Homeland Security as the primary fusion center for the state of Missouri. It is a hub of two-way intelligence and information sharing between the federal government and our state, local, tribal, territorial, and private sector partners for the state. The MIAC also offers our partners a unique perspective on threats to the state of Missouri. This is accomplished with the continued Law Enforcement Terrorism Prevention Activities funding. Some of the key achievements of the MIAC this past year are:

- The MIAC continues to vet tips and leads from the statewide Courage2Report, school violence hotline, the Missouri Fusion Center's SafeNation, suspicious activity reporting system, and the FBI's National Threat Operations Center (NTOC) hotline. From January 1, 2022 to October 1, 2022, Courage2Report received 588 tips, SafeNation received 414 tips (19 of those tips were cyber tips), and we received 59 threat to life tips from the NTOC.
- The MIAC worked with the KCRFC and STLFC to complete our fourth Missouri Statewide Threat Assessment.
- The MIAC continues to facilitate the sharing of information between our Missouri law enforcement agencies through our MOMIAC website and intel sharing meetings.
- The MIAC currently has a total of 1343 trained Terrorism Liaison Officers (TLOs). In 2022, there have been 133 newly trained TLOs. The role of a TLO is to serve as a principle point of contact in matters dealing with major criminal or terrorist activity, collect and receive local or regional terrorist or major criminal information to pass to the MIAC, and notify the MIAC of potential threats or emerging terrorist or major criminal trends.
- The MIAC operates as the missing persons clearinghouse for the state of Missouri. As the clearinghouse, we provide investigative assistance and disseminate information with the goal of helping locate missing individuals.
- The MIAC hosted its first Missouri Information Exchange (MIX). The training was offered to analysts across the state, and we had 62 attendees from 30 different agencies. The MIX provided the analysts with training and helped build relationships for which trust, and information sharing can thrive. The intelligence community is built on relationships, and it is of utmost importance for analysts across the state to engage and build these trusting relationships.



Missouri Interoperability Center (MIC)

Supporting interoperable public safety communications across jurisdictional and discipline lines on MOSWIN – the Missouri Statewide Interoperability Network - remains the priority of the Missouri Interoperability Center and is one of the top priorities of Missouri’s homeland security program. Ensuring that neighboring jurisdictions and multiple disciplines can communicate with each other leads to better emergency and disaster response and ultimately makes for safer communities. In support of this priority the MIC staff attended RHSOC meetings throughout 2022 to provide updates to the regions, conducted MOSWIN training for the jurisdictions, provided ESF-2 support for state and local stakeholders via developing communications plans for planned and emergency events (ICS- 205s), participated in communications training exercises, and development of a communications unit recognition process to recognize personnel qualified to serve in the NIMS COMU positions. Continuity of the MIC program was demonstrated as Director Bryan Courtney retired from state service on June 30 and Roger Strobe was appointed to succeed him at the MIC. MOSWIN continued to grow and expand in 2022 as six new radio locations were added at this writing with five more in the installation process. The number of radios on the system surpassed 50,000 in October.

	Agencies	Radios	LTE's	Lvl 1	Lvl 2	Control Station
Law Enforcement	463	23,719	78	189	274	182
- Airport Law Enforcement	2	830	0	1	1	2
- Campus Law Enforcement	13	348	0	3	10	7
- Municipal Law Enforcement	334	15,896	14	116	218	100
- County Sheriffs	109	6,552	64	69	40	73
- Railroad Law Enforcement	5	93	0	0	5	0
Fire Departments	357	9,118	15	33	324	52
EMS Departments	99	1,927	13	20	79	33
Dispatch	65	381	0	9	55	61
Public Safety	5	415	20	2	3	3
Emergency Management	116	837	5	1	115	13
Hospitals	93	253	0	3	90	79
Public Health	116	296	0	1	115	98
Public Works/Transportation	44	2,508	0	2	42	3
Governmental Entities	37	705	0	0	37	26
State Agencies	32	6,177	265	14	18	36
Federal Agencies	31	3,129	8	15	16	10
Other Responders	24	1,245	0	3	21	22
Outstate Partners	3	74	0	0	3	1
Totals	1,485	50,784	404	292	1,192	619



New radio equipment site being on-boarded.



Aerial view of Cape Girardeau Communications Exercise.

2022 ICS 205		
<u>Detail</u>	<u>Region</u>	<u>Dates of Operation</u>
Region A Healthcare Test	A	3rd Wednesday every month
Crane PD Funeral Detail	D	01/07/2022 - 01/08/2022
Miller Co SO Funeral Detail	F	01/12/2022 - 01/15/2022
Pike Co 911 Director Funeral	C	1/28/2022
Jefferson College PD Funeral	C	01/31/2022 - 02/02/2022
Statewide Snow Fight	ALL	2/2/2022
Joplin PD Officers Funeral Detail	D	03/10/2022-03/18/2022
Bonne Terre Funeral Detail	C	03/26/2022-03/27/2022
St Charles Co & SLCo Criminal Interdiction	C	03/15/2022-12/31/2022
Bass Pro Worlds Fishing Fair	D	03/30/2022-04/03/2022
MSHP Stop & Approach	F	04/05/2022 - 04/08-2022
Joplin PD Funeral Detail	D	4/11/2022
Region H Law Enforcement Op	H	04/13-04/14/2022
Lincoln University Spring Event	F	04/21-04/23/2022
MSHP Stop & Approach	F	05/02/2022 - 05/13/2022
Dignitary Escort Training	C	5/5/2022
Magic Dragon Car Show	F	05/06-05/07/2022
MHA Non-Urban Comm Drill	ALL	5/11/2022
Enduro Gravity Mountain Bike Race	E	05/12/2022 - 05/15/2022
Operation Saferide	D	05/14/2022-05/15/2022
Cox Health Comm Drill	D	5/18/2022
Grundy Co Comm Drill	H	5/18/2022
Earthquake Exercise	G	5/19/2022
Lake Race Street Party	F	06/03-06/04/2022

Lake Race	F	6/4/2022
MONG Comm Exercise	I/D	06/06-06/10/2022
Greene Co Operation Saferide	D	06/18-06/19/2022
St Louis Co Fugitive Apprehension Operation	C	06/21/2022-12/31/2022
Camp Quality	H	06/10/2022-06/17/2022
Cox Kid Fest	D	06/23-06/25/2022
Train Derailment	B	6/27/2022
Tom Sawyer Days	B	07/01-07/05/2022
Jeff City Salute to America	F	07/01-07/04/2022
Greene Co Operation Saferide	D	7/16/2022
Cole Co Fair	F	07/25-07/30/2022
KC PD Officer Funeral Detail	A	07/26-07/28/2022
Adair Co Manhunt	B	07/29/2022 - ???
MMAF - Grundy Co Festival	H	08/04-08/07/2022
MS Pancake Bike Ride	D	08/05-08/06/2022
MHA Non-Urban Comm Drill	Statewide	8/9/2022
Sikeston Bootheel Rodeo	E	08/10-08/14/2022
MO State Fair	A	08/10-08/22/2022
Bull Float	I	08/12-08/14/2022
Lake Ozark Shootout Street Party 2022	F	08/24-08/25/2022
Cape Girardeau Comm Rodeo	E	08/26-08/28/2022
Lake Ozark Shootout 2022	F	08/27-08/28/2022
MU Football Detail	F	09/01-11/25/2022
SEMO Fair	E	09/08/2022-09/18/2022
Central States	D	9/15/2022
Bike Fest	F	09/16-09/18/2022
Redemption Concert	F	9/17/2022
Lincoln University Homecoming	F	09/25-10/02/2022
Garth Brooks Concert	D	09/29-10-3/2022
MO HOPE	H	10/06-10/09/2022
Saferide	D	10/8-10/9/2022
MSHP Stop & Approach	F	10/10-10/14/2022
MO Days	H	10/14-10/16/2022
MO Civil Air Patrol Exercise	I	10/15/2022
Southeast MO Shake UP Exercise	E	10/17-10/20-2022
Dexter FD Exercise	E	10/22/2022
MSHP Career Expo	F	11/8/2022



Missouri National Guard (MONG)

Winter Storm Emergency Response

The Missouri National Guard (MONG) continued support to interagency partners in early 2022 through emergency response, training and command and control. The largest response came after Gov. Parson's Executive Order 22-02 on February 1st in anticipation of potential travel disruptions due to a winter storm encompassing Missouri. MONG responded with 627 Soldiers in State Emergency Duty Status in support of the Missouri State Highway Patrol.

COVID-19 Medical Support

MONG's Director of the Joint Staff served as the Dual Status Commander of a federally funded US Navy medical team in support of a Missouri Hospital in March. With the approval of Gov. Parson, Brigadier General Charles Hausman commanded the 44-member Large Medical Team (LMT) consisting primarily of physicians, nurses and respiratory therapists. The team contributed nearly 7,000 hours, treating COVID-19 and non-COVID patients at Christian Hospital in St. Louis. The Department of Defense, the Federal Emergency Management Agency and BJC Christian Hospital coordinated the LMT for the Public Health Response to COVID-19.

Cyber Protection Team

MONG's Cyber Protection Team participated in a national-level cyber exercise and cyber policy academy in March 2022. The Cyber Storm exercise, conducted biennially, evaluates and improves the capabilities of the cyber response community, promotes public-private partnerships, and strengthens relationships between the Federal Government and partners.

In June, members from the MONG's J6 (command, control, communications, and computers/cyber) and the Defensive Cyber Operations Element (DCOE) participated in the nation's largest cyber exercise, Cyber Shield 2022. Cyber Shield participants included multiple branches of the US military, governmental and civilian mission partners. Specifically, the MONG provided the exercise key leadership and threat emulation expertise.

MONG Cyber Mission Forces provided training for their civilian cyber counterparts from several Central American countries. Panama, the MONG state partner, hosted the event that included cyber defenders from seven neighboring countries. During the Southern Endeavor Conference, MONG members provided subject-matter-expert exchanges on topics ranging from Cyber Threat Intelligence and Cyber Risk Management.

7th Weapons of Mass Destruction - Civil Support Team (WMD-CST)

The 7th WMD-CST team continued support of civilian and interagency partners at multiple high-visibility events across Missouri. The team provided chemical monitoring at large-scale music concerts, college and professional sporting events, a professional golf tournament, and numerous other events throughout the year.

Counter Drug Program

The MONG Counter Drug Program (CDP) recognized two case analysts in January 2022 for their exemplary support to Missouri's law enforcement community. The Soldier's efforts resulted in the seizure of more than \$12 million in assets and more than 18 indictments for arrests made in the St. Louis and Kansas City areas.

The CDP will operate with reduced coverage of law enforcement agencies during fiscal year 2023 (FY23) due to a

reduction in federal funding. MONG is closely reviewing the program to determine the most effective ways to continue meeting our law enforcement partner needs during this period of reduced funding. The reduction in funding may be short-lived as there are positive indications of increased federal funding in FY24.

The MONG CDP will resume UH-72 helicopter support capabilities in April 2023 following the conclusion of the aviation unit's deployment to the Southwest Border.



Missouri Office of Administration (ITSD)

In 2022, Missouri OAITSD has worked diligently to implement initiatives that ensure that our state systems are and remain secure for years to come. As a preventative measure we trained 33 state employees in a week-long session to achieve CISSP certification. The CISSP certification is the industry gold standard for Cyber Security professionals to achieve. To date, one-third of the participants have received the certification by passing the required four-hour exam. In the mission area of protection, we have procured and architected an Identity and Access Management (IAM) framework to create a secure, single-sign-on capability for employees and citizens. For mitigation and response purposes, we have deployed a 24x7 security operations center. For protection, prevention and response, we have deployed an environment in which the state can launch applications and store sensitive data in the AWS and AZURE cloud environment. For recovery, we completed three significant projects to improve our disaster recovery posture; including disaster testing of 15 critical applications, the completion of a Continuity of Operations Plan and Continuity of Governance Plan, and a table top exercise to ensure the content of the plans are accurate and the improvements can be identified and executed.

The State of Missouri Office of Cyber Security has deployed a 24 x 7 Security Operation Center to support the more than 60,000 endpoint devices protected across the State of Missouri's network. This includes reviewing all events, triaging and mitigating priority incidents, and escalating to internal on-call State of Missouri cyber security resources as required.



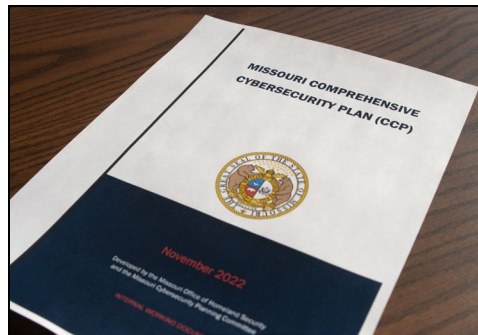
24 x 7 Operations Center

The Office of Cyber Security has deployed a security framework to our AWS and Azure cloud environments. This includes environment configuration security hardening, endpoint protect monitoring, configuration change alerting, advanced firewall stack protection, and web application firewall protection. All alerts from these cloud environments are sent to the ITSD OCS 24 x 7 Security Operations Center for review and mitigation.

The Office of Cyber Security has deployed a threat reconnaissance tool (Recon +) to scan the internet for active or implied threats against State of Missouri citizens, resources, and agencies. The Recon + tool crawls the internet 24x7 for threats; working with the local Office of Homeland Security, the threats are reviewed and escalated to State of Missouri leadership as required.

To ensure we are protected against ransomware and other cyber-attacks targeting our data, OAITSD has implemented immutable backup solutions across the state’s mainframe, open systems, and distributed storage environments. Immutable backups give us the ability to create cyber-resilient point-in-time copies of data that cannot be changed or deleted through malicious actions or ransomware attacks.

The Office of Cyber Security has partnered with the Missouri Department of Public Safety’s Office of Homeland Security to facilitate the distribution of \$3.8M in FEMA funding. This process included the creation of a state-wide Cybersecurity Plan based on NIST 800.53 standards and MS-ISAC NCSR cybersecurity annual assessments, creation of a Cybersecurity Committee, and activation of grant proposal processing resources to manage the review of the grant proposals. The State of Missouri CISO reviewed and approved the Cybersecurity Plan. At a minimum 80% of the \$3.8M funding will go to State of Missouri local governments and municipalities.



Missouri's Cybersecurity Plan



Members of the Cybersecurity Committee

The Office of Cyber Security facilitated the completion of the Information Technology portion of the State of Missouri Continuity of Operations (COOP) and Continuity of Governance (COG) documentation. This included identifying all critical people, processes, and technology resources required to support state agencies in the event of a disaster.

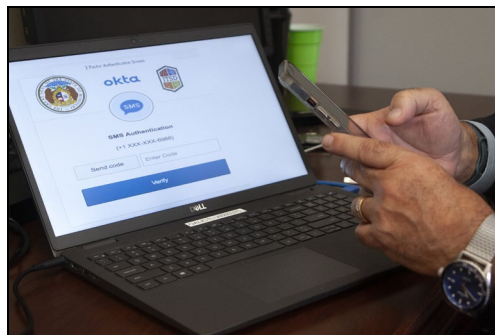


COOP Tabletop Exercise

The Office of Cyber Security has already worked with the Office of Homeland Security to facilitate a State Emergency Operations Center (SEOC) table top exercise. This particular event focused on the resiliency of the SEOC in the event of a natural disaster (earthquake). The exercise included live network outages at the SEOC, testing of call center escalation, testing of network outage recovery, and also review and discovery of malware on the network. The table-top was a resounding success.

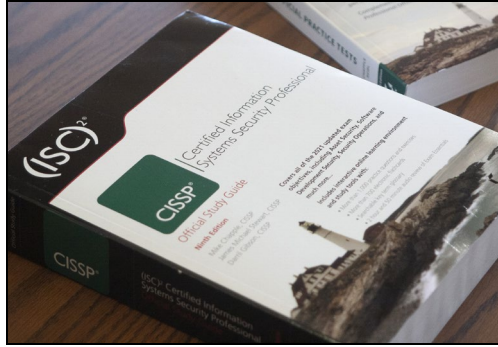
The Office of Cyber Security has initiated an application penetration testing project for all State of Missouri consolidated agencies. The plan is to thoroughly test agency external-facing citizen applications for common vulnerabilities using NIST and OWASP standards. The results will be presented to agency directors and mitigations will be addressed directly by OAITSD.

The Office of Cyber Security has begun an initiative to require 2-Factor Authentication for all remote access into State of Missouri Systems. The initiative will also include 2-Factor Authentication for internal system administrator access. This initiative is mitigating top attack vectors.



2-Factor Authentication

The Office of Cyber Security facilitated in the CISSP training of 30 state employees from both consolidated and non-consolidated agencies. This initiative provided security best practice education across multiple agencies. Many students have pursued certification to validate their training efforts.



CISSP Training Guide

The Office of Cyber Security has employed a trusted partner to facilitate a Cyber Exposure Workshop. This workshop utilizes a risk-based approach to identify gaps in our security posture. The workshop also provides a roadmap designed to mature our vulnerability management program and reviews our business practices to ensure alignment with best practices in regards to vulnerability management.

The Office of Cyber Security has created an Enterprise Business Continuity and Disaster Recovery team to identify mission critical applications, evaluate risks, and define a recovery process after a disruptive event through policy, procedures and standards across all consolidated agencies.



Missouri Office of Homeland Security (OHS)



Homeland Security Director Kylie Dickneite & OHS Planning Supervisor Kevin Virgin participating in the FEMA RVII Regional Interagency Steering Committee (RISC) Meeting.

The Missouri Office of Homeland Security (OHS), a unit within the Missouri Department of Public Safety Director’s Office, coordinates homeland security programs and state and federal grants that focus on terrorism prevention, public safety, protection of critical infrastructure, prevention of cyber-attacks and support for local emergency responders and law enforcement during catastrophic disasters, natural and man-made. Throughout 2022, the unit worked closely with local, state, federal and private partners to build and maintain an awareness on the threats facing our state. The office coordinated with homeland security partners on initiatives aimed at preventing and mitigating these threats.

In addition to the Homeland Security Grant Program (HSGP), which encompasses the State Homeland Security Program (SHSP) and the Urban Area Security Initiative (UASI), the DPS Grants Section administers many additional grant programs in support of public safety and homeland security initiatives across Missouri. As of December 6, 2022, the DPS Grants Section was responsible for the administration of 45 different grant programs supplying over \$200,000,000.00 to state and local entities.



DPS Grants Specialist Amelia Jaegers at the Missouri Sheriff’s Association Conference.

As required by the HSGP, OHS is responsible for the completion of the Threat and Hazard Identification and Risk Assessment (THIRA) and the Stakeholder Preparedness Review (SPR) to help the state and local communities understand their risks from those identified threats and hazards. The THIRA/SPR process assists the state and local communities in determining what the current capability is to meet those threats and hazards, should they arise. 2022 marked the end of the current THIRA/SPR and all regions were requested to submit a new THIRA/SPR to OHS for inclusion into the finalized THIRA/SPR.

OHS serves as the state Point of Contact (POC) on behalf of the HSA as the designated security clearance nomination approving authority for the U.S. Department of Homeland Security. This component facilitates the processing of security clearances for homeland security partners identified as needing access to classified information. As of December 2022, there are 80 clearance holders for Missouri state, local, tribal and territorial (SLTT) partners. An internal annual security clearance holder audit was completed.

OHS operates the Missouri Alert Network, which provides emergency messaging capabilities from DPS/OHS to homeland security partners. A total of 1,498 Missouri homeland security partners were connected to the alert network as of December 1, 2022. OHS utilizes the system to support DPS-DO COOP operations with a quarterly test/response.

In support of the information sharing core capability, the office manages the Missouri Data Exchange (MoDEX) process. MoDEX is a statewide information sharing process developed for use by Missouri criminal justice agencies and accessed through the FBI's National Data Exchange (N-DEX), a secure nationwide sharing system. In January of 2020, MoDEX initiated a multi-year improvement plan that has achieved major cost savings, data flow efficiencies and allowed for additional data fields to be collected and shared within Missouri. In March 2021, Missouri became one of only 11 states to share Jail Management data. In September 2021, Missouri became the first state in the nation to share inmate call log data. In May 2022, Missouri became the first state in the nation to develop a state wide License Plate Reader (LPR) integration process making Amber and Blue alerts update all connected LPR systems instantaneously. The new process also updates NCIC warrants every 4 hours and MULES warrants every 15 minutes. 71 agencies submit Records Management System (RMS) data, 21 agencies submit Jail Management System (JMS) data, and 26 agencies submit data for Victim Notification. In total, 118 Missouri law enforcement agencies actively contributed criminal justice information to the MoDEX data sharing process.



The Law Enforcement Mutual Aid Program served as a point of coordination for the Missouri Uniform Law Enforcement-Mutual Aid Plan (MULE-MAP), which is the law enforcement component of the overall state mutual aid response plan. In coordination with the Fire Mutual Aid Coordinator, virtual mutual aid town halls were held to update local agencies on changes and to provide situational awareness of the mutual aid system as a whole. OHS supported the state's emergency management response by providing direct support to the Emergency Support Function – Public Safety and Security (ESF-13). The program worked as a liaison to the State Emergency Management Agency (SEMA), for training, exercises and activations of the State Emergency Operations Center (SEOC). OHS supported the Emergency Management Assistance Compact (EMAC), which is a mutual aid agreement among U.S. states and territories.

In April 2020, the OHS established the Missouri Counter Terrorism Officer Program (CTO), in collaboration with law enforcement officers throughout the state. This program provides an advanced level of training in counter terrorism preparedness/response, large scale emergency preparedness, and intelligence gathering and sharing. The 2022 the program introduced a two day in-seat academy for new CTO's. There are 228 CTOs enrolled in the program from 159 agencies across the State of Missouri. LSU NCBRT was selected to offer a two day capstone training for the 2021 and 2022 CTOs in November 2022. The Office of Homeland Security CTO program offered webinars covering Agro-terrorism, cybersecurity, threat hazards pertaining to railroad operations, and UAS/UAV (Drone). Missouri Office of Homeland Security staff utilized a combination of grant funds to coordinate the delivery of 172 hours of training. This training was selected to address gaps identified in the THIRA and SPR. In total, approximately 700 law enforcement officers received training through this initiative. Recruitment for the 2023 CTO class began in the fourth quarter of 2022.

The office continues to serve as an administrator for the Homeland Security Information Network (HSIN), a secure network for homeland security mission operations to share sensitive but unclassified information. OHS maintains the HSIN Missouri Community of Interest (COI) with sub-sites of Counterterrorism, Critical Infrastructure and Cybersecurity. This network allows homeland security partners to manage operations, analyze data, send alerts and notices, and share the information needed to perform their jobs and help keep communities safe. There is a HSIN COI set up for the upcoming 2023 NFL Draft in Kansas City, Missouri to be utilized by state, local and federal partners to better coordinate with one another during this event.

OHS maintains the in-house developed Joint Situational Awareness Tool (JSAT) dashboard within the DHS geospatial information infrastructure (GII) portal. The JSAT is available to all approved HSIN users and participating

fusion centers. The tool is utilized in suspicious activity reporting, special events reporting for the annual Special Event Assessment Rating (SEAR) request for information data call, conflict dashboard, exercise submissions, infrastructure reporting, power outages, threat analysis and OHS inventory. The JSAT also includes a CTO dashboard and an RFI dashboard for the annual DHS risk & threat request for information data call. As of November 30, 2022, partners have utilized the JSAT 4266 times.

OHS, in partnership with the three Missouri fusion centers, Kansas City Regional Fusion Center (KCRFC), Missouri Information Analysis Center (MIAC), and the St. Louis Regional Fusion Center (STLFC), launched a unified suspicious activity reporting tool in 2020. SafeNation is a mobile, suspicious activity reporting application that allows citizens to submit anonymous reports that pertain to potentially suspicious activity observed, known or suspected. SafeNation is now available to the citizens of Missouri for download (free) in the Apple Store and Google Play. Submitted tips will be routed and addressed by the Missouri fusion centers within their area of responsibility. SafeNation received 451 tips in 2022.

OHS is designated by the U.S. Department of Homeland Security as the state administrator for the Infrastructure Protection Gateway Program. Access to the system allows homeland security and critical infrastructure partners the ability to identify, analyze and manage risk involving critical infrastructure to better protect Missouri. The OHS continues to work with federal, state and local partners regarding the collection of infrastructure data. In 2022, OHS staff coordinated with state and federal agencies along with regional partners to conduct an evaluation of Missouri's level 1 and level 2 critical infrastructure as part of the National Critical Infrastructure Protection Program, resulting in the nomination of several new pieces of critical infrastructure to the national list. In 2022, the OHS was granted the opportunity to use HSGP funds to hire a Critical Infrastructure Specialist. This Specialist has been busy identifying level 3/4/5 critical infrastructure around the state. In 2022 the OHS assisted the U.S. Department of Homeland Security with security and resiliency assessments at the Missouri State Capitol and the James Kirkpatrick State Information Center.

In 2019, the Missouri Department of Public Safety's Office of Homeland Security created the OHS Cybersecurity Program and to enhance it OHS partnered with the Missouri Information Analysis Center (MIAC). As the program grew and took on more responsibilities the OHS Cyber team became a three-person team in 2022. The OHS Cybersecurity Specialists serve as liaisons between local, state, and federal partners. The Cybersecurity Specialists share cybersecurity information from the federal and state governments to the locals; the program has 442 vetted cybersecurity recipients at the time of this report. Each recipient has received confidentiality and intelligence training to understand the need/right to know and re-dissemination of the cybersecurity information. The Cybersecurity Specialists continue to collaborate with the Missouri State Highway Patrol – Criminal Justice Information Services Division, the St. Louis Fusion Center, and the Kansas City Regional Fusion Center (KCRFC) to disseminate cyber information, collect reporting from the field, and produce and disseminate the Weekly Cyber Open-Source Intel Wrap-Up. The Cybersecurity Specialists also joined a team comprised of private, state, local, and federal sectors to protect election integrity in Missouri and mitigate cyber threats to Missouri's election infrastructure.

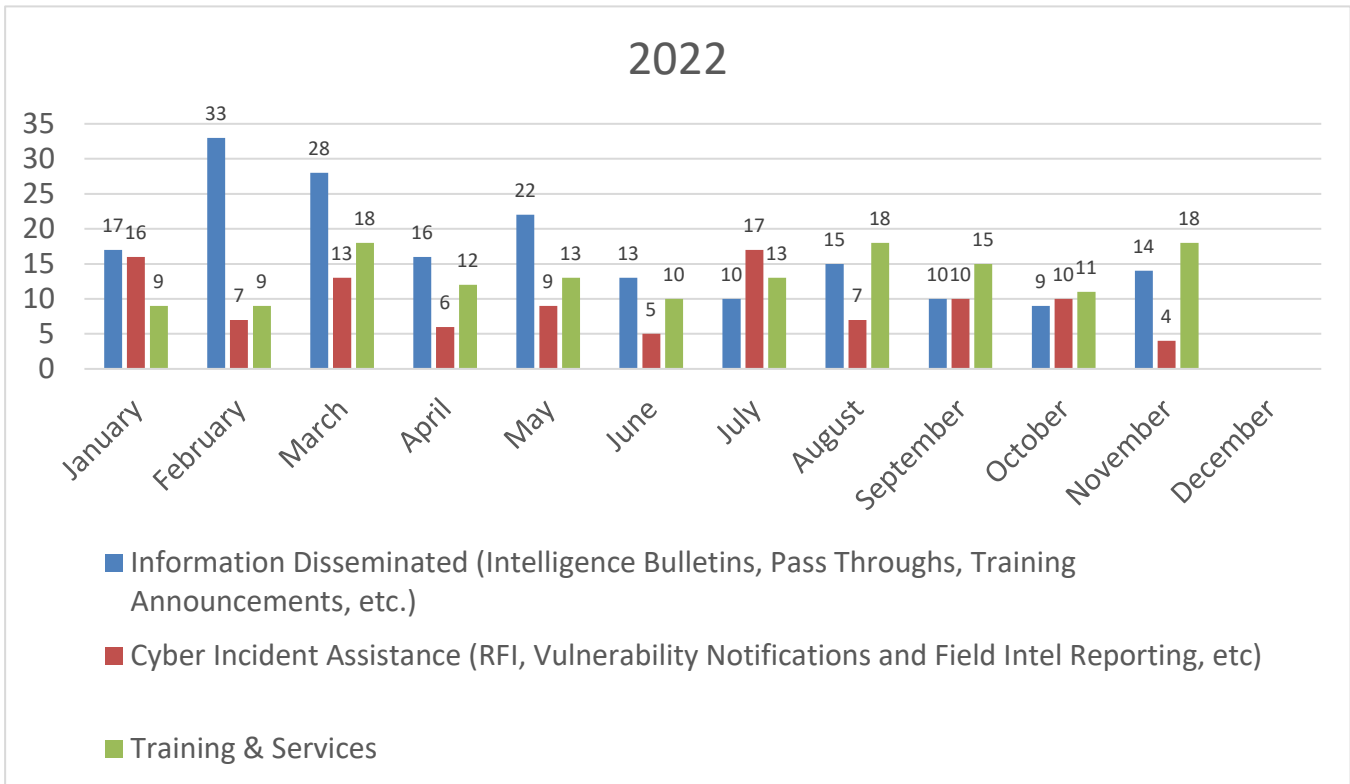


MOSERS Cyber TTX, 11/14/22, Jefferson City, Conducted by DPS OHS Cybersecurity Team.

Fall of this year, the cybersecurity team launched the Missouri Cybersecurity Intelligence Partner Program (CIPP), which will provide a liaison role between state, local and federal cybersecurity and intelligence professionals. The CIP's role will be to analyze and provide cybersecurity intelligence shared from the CIP with their network owners and staff, as well as reporting cybersecurity intelligence and incidents to the CIP through the Cyber SAR Form within SafeNation. The CIP's will also act as the point of contact for the Program.

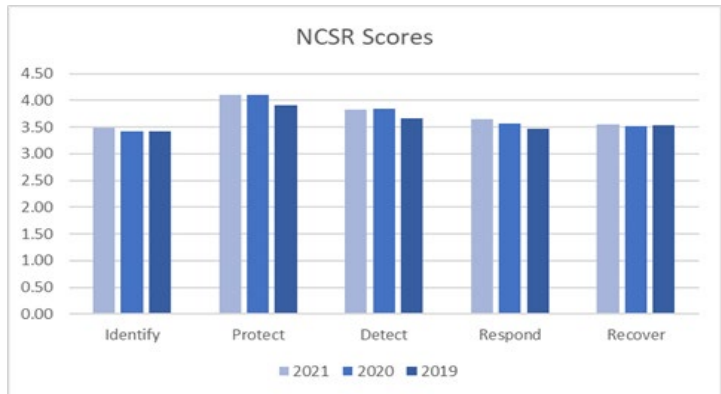
In 2022, the Cybersecurity Specialists has disseminated multiple cybersecurity awareness emails to RHSOC and cyber partners; as well as, assisting with a volume of cyber research for potential cyber incidents and vulnerabilities. Lastly, the cybersecurity specialists have participated in numerous outreach opportunities; virtual and in-person.

2022 Totals		
Information Disseminated	Cyber Incident Assistance	Training & Services
187	104	146



Since 2019, the Homeland Security Grant Program (HSGP) Notice of Funding Opportunities (NOFO), recipients and subrecipients for the State Homeland Security Program (SHSP) and Urban Area Security Initiative (UASI) awards, as well as the new State and Local Cybersecurity Grant Program (SLCGP) awardees are required to complete the Nationwide Cybersecurity Review (NCSR) by the end of the calendar year. The NCSR benchmarks and measures their progress of improving their cybersecurity posture. The NCSR is a no cost, anonymous, annual self-assessment

that is designed to measure gaps and capabilities of state, local, tribal, and territorial (SLTT) governments' cybersecurity programs. The NCSR results are used in the state threat assessments. The graph below will show the growth during the last two years that the NCSR has been completed. MO OHS anticipates the NCSR growth to continue in years to come, especially as additional cybersecurity grants are released, and the MO OHS cybersecurity program continues to coordinate and assist local entities with their cybersecurity posture.



In addition to the successes previously listed, throughout 2022 OHS team members contributed to the following:

- Facilitated the BioWatch Program to deploy on-site to support the 2023 National Football League (NFL) Draft that will take place April 27-29, 2023.
- Submission of Missouri special events for the 2023 Special Event Assessment Rating Data Call to the U.S. Department of Homeland Security in collaboration with the three fusion centers.
- Provided representation at regularly scheduled homeland security partner meetings to include:
 - National Governors Association – Governor’s Homeland Security Advisory Council
 - Missouri Biosecurity
 - St. Louis Area BioWatch Advisory Committee
 - FEMA RVII State & UASI Preparedness Call
 - Missouri Domestic Terrorism Working Group
 - FBI Joint Terrorism Task Force
 - Emergency response exercises
 - Fusion center collaboration calls
 - National School Safety Alliance Work Group
 - State Emergency Management Agency planning meetings
- OHS disseminated 251 homeland security specific awareness notifications to our homeland security partners and coordinated training opportunities in the fields of homegrown violent extremism, active shooter and threat awareness.



Missouri Public Service Commission (PSC)

Spire STL Pipeline Operation Certificate

United States Court of Appeals for the District of Columbia ruled on a case brought by the Environmental Defense Fund (EDF) against the Federal Energy Regulatory Commission (FERC). FERC had issued an order granting a certificate of public convenience and necessity (CCN) to Spire STL LLC (the ‘company’) for the construction of SpireSTL, a new natural gas pipeline serving the St. Louis area (the ‘pipeline’). The appeals court ruling vacated the order and remanded the case back to FERC putting the continued operation of SpireSTL in question.

Following the ruling, the company filed a request with FERC for the issuance of a Temporary Emergency Certificate, or, in the Alternative, Limited-Term Certificate under which the pipeline could continue to operate while the case is on remand. The Missouri Public Service Commission (MOPSC) filed a response with FERC requesting that FERC take expedited action to grant the company's request to allow continued operation of the pipeline. The continued operation of the pipeline will allow Spire Missouri Inc., the MOPSC regulated local distribution company, to continue to provide safe and adequate natural gas service to its retail customers as required by Missouri law as FERC proceeds with the matter of the certificate on remand. The following is a timeline of events surrounding the continued operation of the pipeline:

- **June 2021:** A federal court struck down the Federal Energy Regulatory Commission's (FERC) approval of a 66-mile natural gas pipeline and remanded back to the Commission, the 2018 certificate the Commission had issued. A three-judge panel of the U.S. Court of Appeals for the D.C. Circuit vacated FERC's approval of the SpireSTL pipeline, finding that the agency did not sufficiently analyze whether the pipeline was necessary.
- **July 2021:** Spire submitted an application for a temporary certificate seeking to continue operations to serve customers through the 2021-22 winter heating season.
- **August 2021:** SpireSTL LLC filed a request for rehearing with the U.S. Circuit Court of Appeals for the DC Circuit asking the court to reconsider its decision to vacate the FERC CCN order since it lacks resources to replace supply needed to serve the St. Louis area if the pipeline is shutdown.
- **September 2021:** The Commission issued a 90-day certificate to ensure that the pipeline could continue operating as the Commission considered the July application.
- **December 2021:** FERC Extended Temporary Operations for SpireSTL Pipeline as outlined in FERC Docket No. CP17-40-007.
- **July 2022:** Public reporting states "Spire is more hopeful about getting approval for pipeline citing recent state and federal developments as positive steps in the winding saga of its STL Pipeline, which is now operating on a temporary permit while awaiting regulators' decision on its future."
- **October 2022:** FERC issued the Final Environmental Impact Statement stating "FERC staff determined that [environmental] impacts from continued operation of the SpireSTL would be less than significant, with the exception of climate change impacts resulting from GHG emissions that are not characterized as significant or insignificant."
- **December 2022:** SpireSTL pipeline continues to operate on a temporary certificate pending the resolution of the issue on remand to FERC.

Cybersecurity Advisory Team for State Solar

PSC staff is participating in the Cybersecurity Advisory Team for State Solar (CATSS), a project organized by the National Association of State Energy Officials (NASEO) and the National Association of Regulatory Utility Commissioners (NARUC) to understand and mitigate cybersecurity risks and consequences in solar energy developments.

With support from the United States Department of Energy Solar Energy Technologies Office, the project leverages state, federal and private sector expertise on cybersecurity, the electric grid, and photovoltaic systems to identify model solar-cybersecurity programs and actions for states to take in partnership with utilities and the solar industry.

The project uses a state-led advisory group and dialogue with solar and cybersecurity experts to advance education, tools and access to technical assistance. The 3-year project seeks to develop actionable solar cybersecurity strategies and roadmaps, as well as create stronger public-private partnerships and intra-and interstate cooperation for greater consumer and utility solar cybersecurity.

Other Activities

- Engaged with Critical Infrastructure (CI) owners and received updates on the current state of cyber and physical security at their facilities. Distributed information and intelligence of interest to the CI owners as appropriate. Working with utilities on the appropriate response to a customer data breach.
- Continued participation on the NARUC Critical Infrastructure Staff Subcommittee.
- Provided updated Missouri utility information to Eagle-I, the national outage tracker system.
- Engaged with Missouri utilities on crypto-currencies developments and their relationship to future operations.



Missouri State Emergency Management Agency (SEMA)

The Missouri State Emergency Management Agency (SEMA), a division of the Department of Public Safety, is the state of Missouri's coordinating agency for disaster planning, response and recovery. SEMA works with other state departments and agencies, local governments, the federal government and volunteer and faith-based organizations to ensure coordinated and efficient management during large scale emergencies and disasters. When the Governor declares a state of emergency in Missouri, SEMA operates the State Emergency Operations Center (SEOC) to lead the disaster response effort.

SEMA's Preparedness Division supported all SEOC activations, including the Amtrak train derailment in Mendon, and multiple exercises by providing a Planning Section Chief, Situation Unit Leader, and/or Resource Unit Leader (as dictated by activation) to draft and disseminate situation reports, assist Operations with situational awareness, and support activated Essential Support Functions (ESF) and General Staff positions in the SEOC. Additionally, Preparedness has been working with all SEMA Divisions, as well as other State Departments and Agencies to prepare for Missouri's upcoming consecutive accreditation through the Emergency Management Accreditation Program (EMAP).

In response to the historic flooding in the St. Louis Region the last week of July, 2022, SEMA's Emergency Human Services (EHS) team members helped operate and coordinate eight Multi Agency Resource Centers (MARC) strategically located in the areas that were the most impacted by the flooding in the St. Louis Region. MARCs are one stop shops where disaster survivors can receive financial assistance, information and referrals and emergency supplies. MARCs were opened in Wentzville, Florissant, University City and St. Louis City. A total of 2,708 households were assisted at the MARCs helping 7,479 individuals who were impacted by the flooding.

The EHS unit facilitated the creation of a Community Emergency Response Team (CERT) Association in Missouri. The purpose of the Missouri CERT Association is to promote the establishment of CERT Teams across the state of Missouri to increase preparedness and resiliency of all citizens.



HSAC Meeting – Amtrak train derailment response brief by Jeff Alton, SEMA Region B Regional Coordinator, Eric McKenzie, Superintendent Chariton County Ambulance and Zach Jones, Assistant Chief, Salisbury Fire Department.

SEMA's Response Division was involved in a number of emergency activations, exercises, and other events during 2022. The SEOC was activated for six events during the year, including twice for winter storms in February and three times for severe storms in May and July. The July storm involved significant flash flooding in the St. Louis area and the Operations Section responded by deploying deputy chiefs and regional coordinators from around the state to the disaster area to support local efforts.

During 2022, the SEOC returned to a Level 4 (monitoring) status on July 8th after being activated for 843 days due to COVID-19 pandemic. Although there was no activation, the Response Division provided support both on-site and at the SEOC for the June Amtrak derailment near Mendon and for the October water main break in Cape Girardeau.

The Response Division also participated in, or provided support for, such as activities as the Missouri State Fair, the State Repatriation exercise in September, and the Southeast Shakeout Exercise in October, which involved participation from Georgia by the Missouri Disaster Medical Assistance Team (MO DMAT-1) and Missouri Task Force One.

SEMA also oversees the MO DMAT-1 to report rapid response medical care during emergencies. More than 350 members are on the team's roster. MO DMAT-1 supported the Missouri State Fair from August 10th to August 22nd. Team members assisted at Mardi Gras along with the Fair of St. Louis in July. MO DMAT-1 has assisted at multiple large scale concerts across Missouri and served a total of 840 patients during all events. MO DMAT-1 and Missouri Task Force One participated in a week long earthquake preparedness exercise in Atlanta, Georgia in October. Currently, MO DMAT-1 are making plans for future concerts and waiting for their next response mission.

SEMA's Strategic National Stockpile (SNS) Program continued to process shipments of Personal Protective Equipment (PPE) and vaccine supplies for healthcare providers, as approved through the Missouri Department of Health and Senior Services (DHSS) through June of 2022. As of June 2022 SEMA's SNS Program has returned to normal operations. These operations have included the completion of an After Action Report (AAR) concerning the COVID-19 Response, an update and review of the State's Strategic National Stockpile Plan with changes made based on the COVID AAR, and the completion of the Operational Readiness Review for the state.

SEMA's Radiological Emergency Preparedness Program team continues to be actively involved in planning, preparing, and exercising with Cooper Nuclear Station and Callaway Nuclear Plant in the event that a radiological incident would affect Missouri.

Jurisdictions across Missouri have found that the best way to respond to disasters is by preparing in advance with training activities and using the skills learned to build effective local teams and coalitions. SEMA utilized Homeland Security Grant Program funds to provide training to local first responders across the state. So far in 2022, 1,386 first responders have completed training in areas related to Homeland Security. SEMA's Exercise team provides support to local jurisdictions, regional and state agencies, and volunteer and community organizations to design, conduct and evaluate all levels of emergency exercises for threats ranging from local hazmat events to a major earthquake requiring a statewide response.

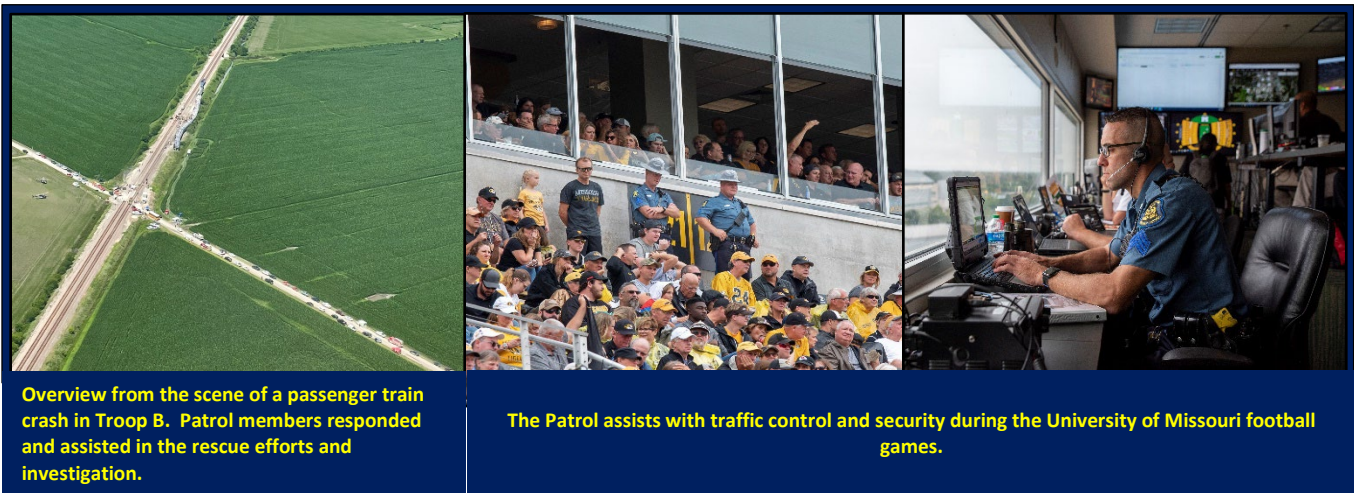
SEMA's Recovery section has processed more than 845 Requests for Public Assistance (RPAs) from local jurisdictions seeking assistance through FEMA Public Assistance Program under DR-4490. The Recovery section continues to assist local jurisdictions and other state agencies with disaster reimbursement. More than 550 projects have been obligated for a total of more than \$597 million which reflects the 100 percent federal cost share due to COVID-19. Joint preliminary damage assessments for severe storms and tornadoes that occurred on December 10, 2021 concluded on December 27, as part of the process to request a federal disaster declaration for Public Assistance. The disaster was declared on January 10, 2022. The disaster received 7 RPAs and has a total

obligation amount of \$15.9 million. The Recovery section has also received 54 RPAs under DR-4665, declared on August 8, 2022 for severe storms and flooding occurring July 25 through 28. The damage reimbursements for DR-4665 is currently estimated at over \$122 million.



Missouri State Highway Patrol (MSHP)

The Missouri State Highway Patrol enjoys a great relationship with the other members of the Homeland Security Advisory Council and continues to strive to improve in the areas of awareness, prevention, protection, mitigation, response, and recovery. In 2022, with the assistance of both federal and state funding sources, the Patrol was able to make great strides in the areas of response, protection, and prevention.



Overview from the scene of a passenger train crash in Troop B. Patrol members responded and assisted in the rescue efforts and investigation.

The Patrol assists with traffic control and security during the University of Missouri football games.

In 2022, the Patrol responded to a wide variety of incidents where resources were needed, including a fatal passenger-train crash in Troop B and wildfire in Wooldridge. The Patrol responded to an extended manhunt for a murder suspect in Troop B. Members from all four Special Weapons and Tactics (SWAT) teams and all the K-9 units responded throughout the manhunt to assist the Adair County Sheriff's Department and the United States Marshals Service in locating the suspect. Members of the Patrol assisted with additional security at the Missouri Capitol during the legislative session. The Patrol assisted with traffic control and security for the Garth Brooks concerts at Thunder Ridge Nature Arena and University of Missouri football games.

The Patrol participated in numerous training programs in 2022. With the assistance of the Department of Public Safety, the Patrol worked with Survival Edge Tactical Systems to export their Public Order - Level 1 course to Jefferson City. The four-day course was available for two weeks and resulted in four platoons (92 troopers) and alternates being trained in advanced crowd control techniques. In addition to the training, the Patrol was able to update personal protection equipment officers use during civil disobedience incidents. The new equipment includes shields, limb guards, and fire-retardant clothing which meet the NIJ standard. The Patrol continues to work with the Center for Domestic Preparedness (CDP) to have troopers attend their Field Force Operations (FFO) course for foundational training in public order response.



Patrol personnel receiving training for a Level 1 Public Order Unit, building confidence in the capabilities of newly acquired equipment.

In 2022, the Patrol obtained new training aids and safety equipment for active threat training. The Patrol worked with the Federal Law Enforcement Training Center to export their Instructor Techniques for Non-Lethal Training Ammunition course to Jefferson City. The four-day course provided training for 24 instructors on the safe use of non-lethal training ammunition. The new equipment and training were used during the troops in-service training. Troops have offered the training to local Police and Sheriff's Departments as well. This training provided quality training and strengthened our relationships with partner agencies at no cost to them.



Patrol Members receiving training for a Level 1 Public Order Unit.

The Patrol has purchased new unmanned aerial vehicles (UAV) and deployable robots. Two different styles of UAV's were purchased, one for outdoor use and one for interiors of buildings. The outdoor UAV's can be used in a variety of situations including search and rescue operations, manhunts, and civil unrest monitoring. The deployable robots and interior use UAV's will be utilized by SWAT teams during high-risk missions such as hostage situations, barricaded subjects, and high-risk warrants. The addition of this technology can improve officer safety as well as improve capabilities of personnel.

The Patrol continues to be on the frontline of Human Trafficking with many partners and has expanded our instructor core. With additional instructors, the Patrol hopes to provide additional training to state, county, and municipal law enforcement agencies in 2023.

St. Louis Regional Collaboration and Coordination

In 2022 the St. Louis region saw a transition away from the previous year's focus on the COVID-19 pandemic response and virtual collaboration as in person activities commenced, allowing for expanded collaborative efforts in planning, training and exercise capabilities. Amidst this transition a new war in Europe broke out and sent ripples of instability across the globe, notably heightening threat landscapes and increasing the need for collaboration and coordination.

The St. Louis region continues its ongoing multi-year process of collaboration and coordination in preparedness and response, providing the backbone and framework for regional information sharing, resource coordination, community preparedness, and strategic decision-making. This year's tumultuousness has heightened the drive within the St. Louis region to enhance and expand programs such as incident command and support teams, cybersecurity threat and response capabilities, and all-discipline training and exercise with the end-goal of improving regional response capacity and resiliency.

St. Louis Regional Training and Exercise

Regional responders, Fusion Center personnel and partners engaged in various training and educational opportunities to enhance capabilities and knowledge within their disciplines.

The St. Louis Fusion Center personnel broadened their skills and expanded their intelligence networks through attendance at the Association of Threat Assessment Professionals Conference, the Central Region Fusion Center Directors Meeting, Missouri Information Exchange, the NYPD Sentry Conference, the Major Cities Chiefs Intelligence Commanders Summit, and the National Fusion Center Association Conference.

The International Association of Bomb Technicians and Investigators In-Service Training and Expo provided several of the regional bomb and arson personnel with valuable information and enhanced knowledge through a series of workshops, presentations, and case studies on lessons learned and current trends, while also providing training on techniques with regard to explosive device mitigation and remediation.

Regional medical examiners and coroners attended the Masters Conference in Advanced Death Investigations. The conference is designed to provide education and training on the latest advances in forensic sciences to veteran, trained death investigators, and will allow the region to be better prepared in mass fatality incidents.

The Government Social Media Conference provided additional skills for managing public sector social media to regional public information officers engaged in government social media, as social media is an effective outreach tool to notify the public of disasters and providing important safety information and building situational awareness.

STARRS staff has worked extensively in 2022 with response teams to expand training across disciplines and provide additional opportunities to the region in 2023, including but not limited to All Hazards Incident Management Team, Urban Search and Rescue, Hostage Rescue, Communications Technician and other training courses.

The St. Louis Regional Cyber Security Initiative

Originating in 2018, the region's cybersecurity initiative has continued to expand under the leadership of the Regional Cybersecurity Coordinator. Operating from within the St. Louis Fusion Center (STLFC), the program focuses on enhancing the region's cybersecurity policy.

In 2022, depth was added to the program with the addition of the new Cybersecurity Analyst position. The Cybersecurity Analyst assists the Cybersecurity Coordinator in support collaboration and coordination programs across the St. Louis region intended to prevent, mitigate, and respond to cybersecurity-related incidents.

This year saw increased focus on advancing the program's investigative capabilities with blockchain and cryptocurrency analysis. Advanced training on these topics was provided to the Cybersecurity team, raising the St. Louis region's ability to analyze and respond to an investigation or incident. Additionally, new Geopolitical tools were made available to the team, increasing their capability to respond to nation-state, hacktivist, and other geo-political cyber-attacks.

The cyber program at the STLFC has continued to enjoy an established and collaborative relationship with the Cyber Squad of the FBI – St. Louis Field Office. Additionally, strong working relationships were developed with the USSS ECTF and the local USSS Field Office, as they sponsored the attendance of several members of the STLFC's cyber team at specialized courses delivered by their training division.

Over the course of the year, the cyber team has made countless vulnerability notifications, provided case support for cyber related investigations, and has relentlessly worked to improve the overall security posture for the St. Louis region. Moving forward, the focus will be on enhancing investigational capabilities, continued threat and vulnerability research, and providing cybersecurity education and training.

The St. Louis Fusion Center: Terrorism Early Warning Group

This important regional asset continues to leverage its position as a focal point for receiving information directly from Federal sources and sharing this information with the appropriate state, local and private sector partners. This information sharing varies from direct contact, electronic documents, video teleconferencing and education opportunities.

One example of the collaborative, informed work the STLFC performs is their central role in terrorism mitigation, working cooperatively with the Federal Bureau of Investigation and the U.S. Department of Homeland Security to prepare Special Event Threat Assessments (SETA) for multiple large scale, public events within the St. Louis region. These SETA's are inclusive of the event location, dates, times, event descriptions, threat reporting, crime trends, concerns and any information or intelligence that is appropriate for the planners, first responders and security staffing.

The data processed for each SETA is a combination of international, national, federal, state, and local information which is jointly analyzed by STLFC analysts and federal partners. The assessments allow the planners to have a complete picture to help organize a large-scale event and to be cognizant of any communicated threats to each event.

In 2022, the STLFC expanded with the addition of three (3) full-time and two (2) part-time professionals to the team. Two (2) positions are grant-funded, with one (1) focusing on furthering the regional cybersecurity initiative and the other building the intelligence liaison officer (ILO) program and promoting suspicious activity reporting (SAR).

St. Louis Regional Threat and Hazard Identification and Risk Assessment (THIRA) and Stakeholder Preparedness Review (SPR)

The St. Louis region, as part of the Homeland Security Grant Program, develops an annual THIRA-SPR that is shared with Missouri, Illinois, and Federal partners.

During the height of the COVID-19 pandemic, FEMA reduced the number of capabilities required for assessment to 12, but this year's review reflects a return to the 32 core capability assessment.

A series of facilitated discussions were held, each assessing specific core capabilities, where stakeholders confirmed information from prior years' THIRA-SPR and addressed new capability builds, sustainment activities, gaps, and areas for improvement. Participants were able to provide updates based on recent investments, training, exercises, and real-world incident responses. The discussion format provided the opportunity for evaluating core capabilities across disciplines, and this evaluation style led to an increased collaborative whole community approach. Regional THIRA and SPR workshops were held this year and included over 35 local, state, and federal partners and stakeholders to review our regional threats and hazards and to discuss highlights in capability builds, losses, and sustainment activities. Approximately 328 hours from 109 partners were dedicated to participation in this year's THIRA/SPR.

With a dozen threats and hazards identified as having the potential for exceeding the capabilities of the St. Louis region, it is important to identify specific strengths and challenges to inform higher level agencies (state and federal) of regional response needs. Multiple threats and hazards have additionally been identified as cascading incidents resulting from the primary incident. The complexity of two or more near simultaneous high impact threats or hazards taking place at the same time would quickly overwhelm local response capabilities.

Regional Catastrophic Preparedness Grant Program (RCPGP)

The Regional Catastrophic Preparedness Grant Program (2020) is a competitive preparedness grant awarded to the St. Louis Region to support planning, training, and exercise to improve the resiliency of health care supply chains during complex incidents. Initial roll out of this program was delayed due to COVID-19 response limiting stakeholder availability.

In 2022, staff developed a multi-discipline RCPG working group to assist in programmatic development, completed all stages of the procurement process, and secured a 12-month project extension from FEMA. Staff has been participating in ongoing outreach and engagement with federal partners and other RCPG recipients to share best practices and obtain project feedback.

St. Louis Regional Health Care Coalition (STL-HCC)

A Healthcare Coalition (HCC) is defined as a group of healthcare organizations and response agencies (e.g., hospitals, emergency medical services, public health agencies, and emergency management agencies, etc.) in a defined geographic location that work together to prepare for and respond to medical surge events. The STL-HCC comprises 10 Missouri counties (Franklin, Jefferson, Lincoln, Pike, St. Charles, St. Louis City, St. Louis, St. Francois, Warren, and Washington counties) while recognizing and appropriately partnering with three Illinois counties (Madison, Monroe, and St. Clair) that are part of the HOPE Coalition in Illinois and have traditionally been a part of St. Louis regional planning and resource efforts.

Through the ASPR Hospital Preparedness Program (HPP) grant, STARRS provides many support and response functions for the hospitals in the St. Louis region. The ASPR HPP grant enables the health care delivery system to save lives during emergencies and disaster events that exceed the day-to-day capacity and capability of

existing health and emergency response systems. HPP is designed to develop and improve the region's health care delivery system readiness, improve patient outcomes, minimize the need for federal and supplemental state resources during emergencies, and enable rapid recovery. HPP prepares the health care delivery system to save lives through the development of health care coalitions (HCCs) that incentivize diverse and often competitive health care organizations with differing priorities and objectives to work together. The support and response functions that STARRS provides and assists with include:

- Working closely with the STL Pandemic Task Force, focusing on COVID response, Monkeypox response, and Pediatric Surge. STARRS was also a driver for bringing the Department of Defense Hospital Staffing team to BJC Christian earlier this year.
- Continuing to be the primary information conduit to MO DHSS for healthcare preparedness and response.
- Weekly response calls for the St. Louis Medical Operations Center (SMOC) are to facilitate discussion and partnership for the region's healthcare agencies for ongoing response and emerging infectious diseases.
- The development and testing of surge plans for Pediatric Surge, Emerging Infectious Diseases, and Burn Surge. The planning process has been initiated for developing a Radiation Surge plan to be completed in 2023.
- Engaging with the hospital emergency preparedness staff in promoting training and exercise opportunities for our healthcare partners and assisting in securing funding from the 2022 Urban Area Security Initiative (UASI) grant for a healthcare-focused Emergency Management Academy to increase our regional capabilities, as well as a regional Stop the Bleed program that will partner hospitals and EMS agencies, and provide training in regional healthcare response structures.



St. Louis Fusion Center (STLFC)

The Saint Louis Fusion Center: Terrorism Early Warning Group (STLFC) is a public safety collaboration consisting of law enforcement, fire/emergency medical, public health, emergency management agencies, and organizations protecting critical infrastructure/key resources. As a regional asset serving five counties in Missouri and three in Illinois, the STLFC provides a multi-jurisdictional, multi-disciplinary approach to the collection, analysis and dissemination of information used to detect, defend against, or respond to acts of terrorism.

In 2022, the STLFC grew through the addition of three fulltime and two part-time professionals to the team. Two positions are grant funded, with one focusing on furthering the regional cybersecurity initiative and the other building the Intelligence Liaison Officer (ILO) program and promoting suspicious activity reporting (SAR). An intelligence officer (IO) from the Department of Homeland Security (DHS) has been embedded in the center, cementing a strong working relationship, and strengthening the direct accessibility of federal resources. The fourth position is a part-time presence of a veteran investigator from the St. Louis Metropolitan Police Department (SLMPD). The fifth is through an internship opportunity for a graduate student. The STLFC expanded into a vacancy in St. Louis County Police headquarters and nearly doubled in size as a result. The expansion relieved pressure from an overcrowded and cluttered workspace. It affords the space for the added personnel and provides a more effective environment to meet the unique needs of the Center.

Personnel serving in the STLFC proudly participate in many national, state, and local collaborative efforts. They include: Joint Terrorism Task Force (JTTF) of the Federal Bureau of Investigation (FBI), National Fusion Center Association (NFCA), Major Cities Chiefs Association (MCCA) Intelligence Commanders Group, International Association of Law Enforcement Intelligence Analysts (IALEIA), Law Enforcement Intelligence Units (LEIU), US Attorneys Hate Crime Task Force, Area Maritime Security Committee (AMSC), St. Louis Area Corporate Security Leadership Organization (SLACSLO), United States Secret Service (USSS) Electronic Crimes Task Force (ECTF), Missouri Governor's Homeland Security Advisory Council (HSAC), NFCA Cyber Intelligence Operation (CIO), National Cyber Intelligence Network (CIN), Operation Sentry, Association of Threat Assessment Professionals (ATAP), Central Region Integration and Coordination (RIC) Steering Committee, Midwest Cycle Intelligence Organization (MCIO), DHS Health Analyst Workgroup, FBI Biosecurity Workgroup, and the St. Louis Regional Healthcare Coalition (RHCC). Additionally, the STLFC has representation present at the regular meetings of the St. Louis Regional Criminal Exchange, Madison County Investigators, St. Clair County Investigative Professionals, St. Louis Transit Intelligence, and the St. Louis Medical Operations Center (SMOC).

The STLFC has, in partnership with the FBI, authored and disseminated numerous Joint Special Event Threat Assessments (JSETAs) for noteworthy events throughout the region. The JSETAs are intended to assist organizers, security staff, and first responders prepare for an event. They compile information through a combination of international, national, federal, state, and local mediums, and include the details of an event, the threat landscape as it is known, and other applicable information and trends.

Personnel from the STLFC have contributed in meaningful ways to ensure that steps are taken for prevention, protection, and mitigation throughout the planning and operational phases of significant events throughout its area of responsibility. This includes such events as the Enjoy Illinois 300 NASCAR Cup Series, the Spirit of St. Louis Airshow, Ascension Charity Classic of the PGA, and the Grand Opening Ribbon Cutting Ceremony at

the St. Louis Kaplan Feldman Holocaust Museum.

Personnel from the STLFC provided remarkable assistance to the SLMPD, the FBI, and other agencies that responded to the Central Visual and Performing Arts (CVPA) High School shooting that occurred on October 24, 2022. Five members of the STLFC responded to the scene and served varying roles to mitigate the threat, evacuate students and teachers, share information, and offer resources. The rest of the team provided support from the Fusion Center through collection, analysis, and dissemination of information and coordinating with partner agencies.

The STLFC, in partnership with the federal partners, leveraged assets to enhance security efforts around the General Municipal Election, the Primary Election, and the General [Midterm] Election. Together, they supported the Boards of Elections throughout the area of responsibility in advance of the elections and were present on site for the duration polls were open to the public.

The STLFC continues to work closely with regional public health departments, hospitals, long-term care facilities, urgent care centers, and mental health agencies to build upon the existing information-sharing structure. These relationships have been cultivated since 2018, when the STLFC partnered with the St. Louis County Department of Public Health (DPH) to retain a subject-matter expert that serves as a health intelligence analyst for the St. Louis Region. Challenges experienced since the onset of the COVID-19 pandemic continue to further complicate and exacerbate some of the consequences of newly emerging public health threats. Those threats include, but are not limited to, the recent monkeypox outbreak, re-emergence of vaccine-derived poliovirus in the US, surges of respiratory syncytial virus (RSV) among infants and children, and even seasonal influenza rates. As new and existing health threats continue to evolve, it is even more important now to leverage these partnerships within the public health and healthcare sectors to help build a more robust information sharing network. The early integration of public health within the STLFC continues to be a critical asset and further solidifies the integral role health plays in countering some of the significant challenges facing the overall threat landscape today.

The cyber program at the STLFC has continued to enjoy an established and collaborative relationship with the Cyber Squad of the FBI – St. Louis Field Office. Additionally, strong working relationships were developed with the USSS ECTF and the local USSS Field Office, as they sponsored the attendance of several members of the Fusion Center’s cyber team at specialized courses delivered by their training division.

Over the course of the year, the cyber team has made countless vulnerability notifications, provided case support for cyber related investigations, and has relentlessly worked to improve the overall security posture for the St. Louis region. Moving forward, the focus will be on enhancing investigational capabilities, continued threat and vulnerability research, and providing cybersecurity education and training.

The STLFC has directed more attention on the identification and reporting of special events occurring within its area of responsibility. The region is proud to host hundreds of public gatherings throughout the year. With a more robust reporting effort, the region could unlock additional support. To achieve this goal, the STLFC relies upon the Joint Situational Awareness Tool (JSAT) dashboard, created by the Office of Homeland Security (OHS), within the DHS geospatial information infrastructure (GII) portal to do this.

Looking toward the future, the STLFC will continue to expand its capabilities and services to the St. Louis region, the State of Missouri, and the National Network of Fusion Centers. A transformational opportunity for the creation of a new facility has presented itself through funding streams and support from elected officials. The opportunity would bring regional intelligence assets together in the same space, the cornerstone of which would be the Saint Louis Fusion Center.

Regional Homeland Security Oversight Committee Highlights



Region A

A (Rural)

RHSOC Chair: Teri Layton (417) 208-7280
RHSOC Vice Chair: Dr. Ray Patrick (660) 909-5118
Regional Planning Commission: Pioneer Trails RPC
802 S Gordon Street, Concordia, MO 64020

The Region A Rural covers eight counties centrally located in Missouri. The RHSOC continues to meet in person now that the pandemic is almost over.

RHSOC grant activities for the FY2021 included:

- Work Plan & M and A
- Marshall, Waverly, and Lake Lafayette Police Departments
Saline, Johnson, Pettis, and Bates County EMA Salamander

All funding for FY2021 funds went to purchase new MOSWIN radios, repeaters and antennas for local law enforcement support and emergency management agencies. Along with generator load testing and Salamander badging and licensing.

The Nationwide Cyber Security Review was completed by each of these subrecipients as well as Pioneer Trails RPC.

Quarterly Meetings--Chair and Vice-Chair Participation in Chair of Chairs Meetings.
Quarterly Update Calls with Office of Homeland Security Personnel.



Generator purchased by the City of Lexington used to heat their nursing home.

The new 80 KW generator was purchased for the City of Lexington and has been used to heat their nursing home facility.

A (Urban)

RHSOC Chair: Chief Donna Maize (816) 969-1010

RHSOC Vice Chair: Jim Connelly (816) 513-8601

Metropolitan Statistical Area: Mid-America Regional Council

600 Broadway Boulevard #200, Kansas City, MO 64105

During the 2022 calendar year Region A Urban continued collaborative efforts to increase readiness for a range of incidents while continued to respond to COVID-19 impacts across the region.

OVERARCHING:

- RHSCC conducted annual strategic planning process and approved Strategic Planning Report and the 2022 IPPW Report.
- Successfully completed the CCTA grant minimizing known gaps in preparedness through coordinated planning, training, exercise.
- Completed the Threat and Hazard Risk Identification and Assessment process.
- Recruited new RHSOC leadership and members with retirements.
- Convened stakeholders to outline Homeland Security federal fund investments. Worked with the state to adjust homeland security projects due to COVID-19 related impacts and carried out grant investments and reported to local stakeholders and state agencies. When notified of eligibility to apply for UASI funds quickly pivoted to prepare an application. Supported the NPSGP application process in conjunction with MO OHS.

PREVENTION/PROTECTION:

- Helped sustain and strengthen the bi-state regional fusion center operations with increased outreach capacity – a regional strategy to increase information sharing amongst all homeland security partners prior to and during an incident to receive, analyze and disseminate terrorism and related security information to avoid, prevent, or stop a threatened or actual act of terrorism. See fusion center report.
- Drafted Security Measures document and Checklist now available as a resource to local jurisdictions.
- Completed and made available a special event volunteer web based training available at: <https://www.marc.org/safety-security/emergency-management-and-homeland-security/emergency-services-training-and>
- Continued work on the Transportation Plan Corridor from Independence Missouri to the Legends Area of Wyandotte County, Kansas.
- Ongoing meetings with the NFL in preparation for the NFL Draft Event occurring in KCMO, April-2023.
- Met with the United States Department of Homeland Security, Assistant Secretary for Counterterrorism, Threat Prevention and Law Enforcement, Sam Vinograd in Jefferson City to learn about the CP3 Program – 07-08-2022.
- Law Enforcement and EMS worked together on updates to the Regional Hostile Event Plan (Formerly Active Shooter plan) to address multiple scenarios and finalized web-based training.
- Hosted multiple offerings of counterterrorism response training.
- Sent representatives from the enhanced tactical teams in Missouri to the National Tactical Officer's Association annual meeting who brought information back regarding tactics and best practices.
- Participated in the NWS Boot Camp on May 4th from 0730 to 1600.
- Participated in the Region A Coordinator meeting at Platte County Resource Center May 18th, 2022.

MITIGATION:

- Participated in a FEMA virtual conference on 07-28-2022 presenting information on the Kansas City Missouri Cold Weather Overflow Shelter which was operated this past winter by the KCMO OEM.
- Distributed PPE to Platte County, Jackson County, Johnson County, Bates County, Benton County, and Cass County.
- Completed the Cyber security exercise AARs for participating jurisdictions and convened the Regional Cyber Security Task Force to share cyber related information through a variety of networks in the region as appropriate.
- Convened the Community Disaster Resiliency Network to focus on supporting vulnerable populations in increasing disaster preparedness. Hosted second annual joint meeting with emergency managers.

RESPONSE:

- Regional HCC Threat Assessment Team activated to support information sharing related to train derailment, gas leak at an area hospital that could have resulted in evacuation but did not, temporary power outages, high volume pediatric surge concerns, etc.
- Continued to coordinate the region's COVID-19 response and recovery. Updated PrepareMetroKC.org with the latest COVID-19 data, information, and resources. Recognized members of the Multiagency Coordination Group. Continued ongoing coordination of the region's public information officers and issued regional public health news releases. Convene and coordinate organizations in response to the pandemic. Apply resources to mitigate the impact of COVID-19 and support recovery. Continue joint grant making to address urgent community needs.
- Continued work on the Regional Inter governmental Resource Sharing Agreement and completed updates to the Regional Coordination Guide base plan and several annexes including ESF 2 and finalizing the TIC Plan updates.
- Developed and launched a regional plans dashboard for quick access to regional plans.
- Continued to support the region's specialty response teams with training/exercises.
- Completed an evidence collection web-based training module.
- Invested in strategic deployment for "throw kits" available for special events.
- Supported six exercises with a focus on notification and family assistance, communications and coordination, community organizations-based exercise to test internal emergency plans, amateur radio exercise and HCC MRSE exercise and regional hospital med surge exercise and designed an exercise tool kit for CCTA events available to local jurisdictions for local exercises.
- Oriented seven new communications coordinators across the region.
- Platte County EM is completing the final reports regarding Disaster - DR 4490MO. Cass County Emergency Management, assisted JOCO, MO and SEMA regarding resources for the event that took place at Western Missouri Medical Center in Warrensburg on 7-8-22.
- Clay County CCPHC COVID Response Hotwash with Community Partners 05-2022.
- KCMO EOC Activated for Weather Related Activity (Tornado Warnings) in KCMO on 04-29-22.
- Platte County EOC open remotely monitoring 4th of July activities within Platte County.
- Platte County Fair July 20th to 23rd, EOC open and monitored from 1500 to 2400.
- Clay County Smithville Dam Firework Display – 07-01-22.
- Clay County WINforKC TRYathlon at Smithville Lake (Sailboat Cove) - 07-2022.
- Continued development of CCTA local planning guide and annex and FFRC/FAC guide, revisions to the Regional Coordination Guide Special Incident Annex to include CCTA elements.
- KCMO - EOC opened an Emergency Houseless Overflow Shelter at the Garrison Community Center on 01-15-22 to house persons during winter weather conditions when the NGO Shelters are full.

- Received 71 pallets of PPE from SEMA. (N95 masks, gloves, and hand sanitizer) 03-03-22.
- KCMO EOC activated for weather related activity (tornado warnings) in KCMO on 04-29-22.

RECOVERY:

- Continued to convene and coordinate organizations in response/recovery to the pandemic. Applied resources to mitigate the impact of COVID-19 and support recovery. Continue joint grantmaking to address urgent community needs. Supported public health agencies across the region in disease surveillance, testing, vaccination efforts and recovery to build back stronger for future public health emergencies.
- Completed a regional COVID-19 after action report and improvement plan.
- Convened the Regional Cybersecurity Task Force. Conducted a cybersecurity exercise and developed an after-action report for participating jurisdictions. Began work on a regional playbook.

INVESTMENTS AND DEPLOYMENT OF HOMELAND SECURITY PURCHASED EQUIPMENT OR INITIATIVES:

- Homeland security investments helped sustain the badging and accountability system, WebEOC, HazMat capability, Kansas City Mortuary Operational Response Group (KCRMORG) readiness, technical rescue training, and law enforcement support.
- Badging and Accountability – a new printer, laptop and associated software and licenses were put in place, additional supplies were purchased, and the mobile stations were moved around the region.
- Enhanced HazMat Team Support - a HazMat Elite (chemical identifier) was purchased for the KCMO Fire Department, to replace non-functional equipment.
- KCRMORG – Virtual training increased in 2022 replacing in-person training. Rental space was obtained for both supplies and the mobile morgue. In addition, a gurney cart was purchased to move remains from the mobile morgue.
- Regional Technical Rescue Teams - purchased and replaced expiring PPE, training, and training supplies.
- Law Enforcement/Tactical/EOD Support – a pole camera and monitor, a tactical disruptor, and recon robots were purchased to sustain capability along with training supplies.

CITY OF INDEPENDENCE, MISSOURI

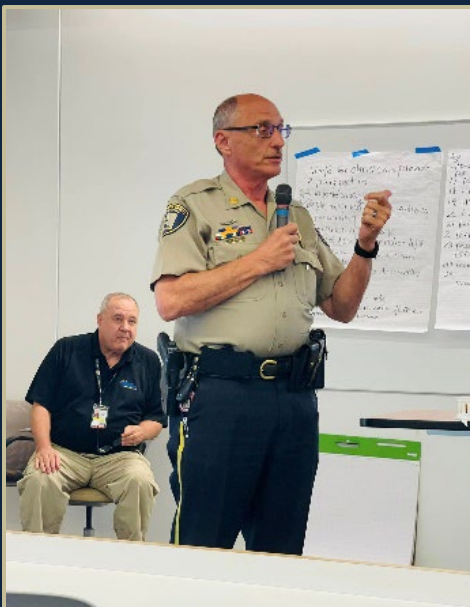


Santa Calgon Festival



Operational Coordination and Communications Exercise

CLAY COUNTY, MISSOURI



**PLATTE
COUNTY/
AREA
MARITIME
SECURITY
COMMITTEE
(AMSC)**





KANSAS CITY, MISSOURI





Region B

RHSOC Chair: Mike Kindle (660) 385-1911

RHSOC Vice Chair: Jon Cook (660) 665-3734

Regional Planning Commission: Mark Twain Regional Council of Governments
42494 Delaware Lane, Perry, MO 63462

Throughout the past year, Region B has purchased equipment, assisted communities with navigating the post-pandemic world, maintained an inventory of nearly 700 items throughout 16 counties, as well as various other activities to support the Region B RHSOC. Equipment purchased during the last year included mobile and portable radios and repeaters for emergency personnel, equipment to support and sustain the region wide ID badging system, satellite voice and data services and technical support items for one of the designated Rapid Response Vehicles, and a mobile generator. The primary focus of grant requests centered around radios and increasing interoperable communication capacities throughout the region.



Northeast Emergency Communications Center
Rapid Response Vehicle - Sustainment

On June 27, numerous agencies in Region B and throughout the State came together and swiftly responded to a traffic crash involving an Amtrak train and a dump truck southwest of Mendon in Chariton County. This resulted in multiple injuries and four fatalities. Region B came together with multiple disciplines and volunteers offering their resources and time. Office of Homeland Security funded equipment was deployed to the crash site, including an MCI Trailer owned by Linn County Ambulance District.

Mobile Generator located at the Ralls County Courthouse
in New London, MO



MCI Trailer located at Linn County
Ambulance District in Brookfield, MO



Region C

RHSOC Chair: Felix Meyer (573) 883-0263
RHSOC Vice Chair: Ron MacKnight (636) 745-2262
Regional Planning Commission: Boonslick RPC
111 Steinhagen, Warrenton, MO 63383

Over the last year, the Region C Homeland Security Oversight Committee (RHSOC), comprised of seven counties in Mid-Eastern Missouri, hosted four in-person/virtual quarterly meetings. In August, the RHSOC voted to approve five projects for funding that met the interoperability guidelines, and those that were critical to communication, response, and oversight needs in the Region at the October meeting, several new individuals representing disciplines from across the region were approved to serve on the committee in the coming year.

Approved projects for FY2022 included:

- Elsberry FPD- includes interoperable communication devices for three rural fire protection districts
- Lincoln County EMA- for the enhancement and advancement of coordinated communication equipment for the county-wide first responders
- Perry County Sheriff and Ste. Genevieve FPD- upgraded radios and repeaters
- Wright City FPD- response UTV and trailer for region-wide response efforts

Previous year projects continued to progress and include a UTV, a drone, and other communication projects.

A select committee of representatives for many disciplines, completed the Region C 2022 THIRA reviewing previous scenarios, updating scenarios, and developing new scenarios which included a cybersecurity scenario that was developed by a multi-disciplinary team for a large-scale response if needed.

Members participated in discipline specific, and collaborative efforts with ongoing drills, trainings, and readiness response to continue to be prepared to respond to a range of incidents, and continued support of COVID mitigation efforts across the region.



Region D

RHSOC Chair: David Pennington (417) 864-1500
RHSOC Vice Chair: Chris Berndt (417) 334-3440
Regional Planning Commission: Southwest MO COG
110 Park Central Square, Springfield, MO 65806

SOUTHWEST MISSOURI INCIDENT SUPPORT TEAM

In 2022, the Southwest Missouri Incident Support Team has been focused on the continuous improvement of our posture to support both emergency incidents as well as planned events. Coming out of the pandemic, the Admin Team recognized the need to reconnect with our human assets as well as spend time updating and organizing our physical assets. These two objectives have been our driving force this year.

With the aforementioned objectives in mind, the Admin Team facilitated two full-team meetings this year. Our meeting in April was the first time we had met in person as a Team since the beginning of the pandemic, and was spent highlighting Team deployments and accomplishments during the pandemic as well as laying out the vision for the future. During this meeting we rolled out new Team technology which included a new Member Management portal and process, as well as the rollout of Office 365 for the Team. These technology upgrades were implemented based on lessons learned from our deployment to support DMAT and SEMA in response to COVID-19.

Our second full-team meeting was held in October where our focus was on our physical assets and setting up the Team's new Base of Operations, located at Battlefield Fire Protection District Station 2. At this location we are able to store the IST trailer, our other deployable equipment, and have a meeting space for Team meetings. We also have been allowed to utilize an office that provides an excellent space to not only work, but also organize Team assets for easy deployment. We are extremely grateful for the partnership with the Battlefield Fire Protection District.

In addition to the two full-team meetings, the Admin Team has continued to meet routinely working on various Team-related projects. Two notable projects were the addition of a Situation Unit Leader and Liaison Officer to the Admin Team, and the approval of new decals for the IST trailer.

Notable deployments in 2022 have primarily been for communication assets. The IST was requested by Greene County OEM to assist with a Communication Leader, Communication Technicians, and Incident Tactical Dispatchers for the Bass Pro 50th Anniversary events that took place in Springfield. In addition to providing personnel during this deployment, the IST Com's staff developed the ICS 205 Communications Plan as well as did some beta testing on personnel tracking technology. Our Com's staff also supported Taney County OEM in a limited capacity for the bull rides and Garth Brook's concerts associated with the Bass Pro 50th Anniversary.

Lastly, and probably most notably, IST staff supported the Central States Communications Exercise with planning support and personnel. We provided Safety Officers, a Planning Section Chief, and logistics support. This multi day event was an excellent opportunity to test our trailer and new load plan, and provided an excellent opportunity for our staff to exercise their knowledge and skills.

The final project for 2022 is wrapping up the FY21 RHSOC grant. We have been working with Dorothy at the SMCOG to complete this project which will provide IT assets to assist during deployments. The assets requested through this grant were also a direct result of lessons learned from our deployment to support DMAT and SEMA during the pandemic. We look forward to implementing these resources in the coming months.

In the end, the IST is working hard to ensure we are prepared to respond when called upon. Whether it be an emergency incident, a planned event, or simply to assist with some element of the planning process...we are here for you. We want to thank the RHSOC for your continued support.

SPRINGFIELD BOMB SQUAD

Springfield Bomb Squad								
All Calls Inside and Outside City Limit								
Call Type	2017	2018	2019	2020	2021	2022	Total	
240	1				1		2	
Explosion (no fire), Other	1				1		2	
241		1	1	1			3	
Munitions or bomb explosion (no fire)		1	1	1			3	
243	1	1		2	3		7	
Fireworks explosion (no fire)	1	1		2	3		7	
471	5		1	2	1	5	14	
Explosive, bomb removal (for bomb scare, use 721)	5		1	2	1	5	14	
551						1	1	
Assist Police or Other Governmental Agency						1	1	
553			2	1	4	6	13	
Bomb Sweep			2				2	
Public service				1	4	6	11	
611				5	4	4	13	
Dispatched & cancelled en route				5	4	4	13	
622				2	8	2	12	
No incident found on arrival at dispatch address				2	8	2	12	
721	23	25	20	15	5	4	92	
Bomb scare - no bomb	23	25	20	15	5	4	92	
4711	8	18	10	9	10	3	58	
Actual Explosive Device	8	18	10	9	10	3	58	
4712	2	5	1	1	1	2	12	
Hoax Device	2	5	1	1	1	2	12	
4713	11	11	10	14	19	13	78	
Suspicious Package	11	11	10	14	19	13	78	
4714	18	19	14	8	5	1	65	
Unattended Package	18	19	14	8	5	1	65	
4715	8	7	7	7	1	8	38	
Commercial Explosives Pick Up	8	7	7	7	1	8	38	
4716		4	4	2	4	6	20	

Military Ordnance Recovery		4	4	2	4	6	20
7211	14	15	5	6	6	3	49
Bomb Threat	14	15	5	6	6	3	49
Total	91	106	75	75	72	58	477

Springfield Bomb Squad

All Calls Inside City Limit

Call Type	2017	2018	2019	2020	2021	2022	Total
240	1				1		2
Explosion (no fire), Other	1				1		2
241		1	1	1			3
Munitions or bomb explosion (no fire)		1	1	1			3
243	1			2	3		6
Fireworks explosion (no fire)	1			2	3		6
471	2			2	1	1	6
Explosive, bomb removal (for bomb scare, use 721)	2			2	1	1	6
551						1	1
Assist Police or Other Governmental Agency						1	1
553			2	1	4	6	13
Bomb Sweep			2				2
Public service				1	4	6	11
611				5	4	3	12
Dispatched & cancelled en route				5	4	3	12
622				2	7	2	11
No incident found on arrival at dispatch address				2	7	2	11
721	21	22	17	12	3	3	78
Bomb scare - no bomb	21	22	17	12	3	3	78
4711	3	10	9	4	4	2	32
Actual Explosive Device	3	10	9	4	4	2	32
4712	2	3		1		1	7
Hoax Device	2	3		1		1	7
4713	11	10	8	13	16	11	69
Suspicious Package	11	10	8	13	16	11	69
4714	18	18	14	8	5	1	64
Unattended Package	18	18	14	8	5	1	64
4715	3	3	3	4		3	16
Commercial Explosives Pick Up	3	3	3	4		3	16
4716		2	2	1	2	2	9
Military Ordnance Recovery		2	2	1	2	2	9
7211	14	14	5	6	5	3	47
Bomb Threat	14	14	5	6	5	3	47
Total	76	83	61	62	55	39	376

Springfield Bomb Squad

All Calls Outside City Limit

Call Type	2017	2018	2019	2020	2021	2022	Total
243		1					1
Fireworks explosion (no fire)		1					1
471	3		1			4	8
Explosive, bomb removal (for bomb scare, use 721)	3		1			4	8
611						1	1
Dispatched & cancelled en route						1	1
622					1		1
No Incident found on arrival at dispatch address					1		1
721	2	3	3	3	2	1	14
Bomb scare - no bomb	2	3	3	3	2	1	14
4711	5	8	1	5	6	1	26
Actual Explosive Device	5	8	1	5	6	1	26
4712		2	1		1	1	5
Hoax Device		2	1		1	1	5
4713		1	2	1	3	2	9
Suspicious Package		1	2	1	3	2	9
4714		1					1
Unattended Package		1					1
4715	5	4	4	3	1	5	22
Commercial Explosives Pick Up	5	4	4	3	1	5	22
4716		2	2	1	2	4	11
Military Ordnance Recovery		2	2	1	2	4	11
7211		1			1		2
Bomb Threat		1			1		2
Total	15	23	14	13	17	19	101

SWAT

Joplin PD

2022 has proven to be a challenging year for the Joplin Police Department. The Joplin Police Department lost two officers in the line of duty and a third to an off-duty-related medical issue earlier in the year. Additionally, the agency has witnessed an increase in critical incidents and calls of a violent nature, such as officer-involved shootings. So far this year the JPD SWAT Team has been activated 27 times with 5 of those activations being for high-risk or armed and barricaded situations. The team has served 15 high-risk search warrants and has provided supplemental security during 7 events in the Joplin area. Team members train one day per month and an additional week during the year. Due to staffing shortages, the annual SWAT school that the department hosts each year had to be canceled. The department hopes to bring back the school in FY 2023.

The equipment that the RHSOC has allowed the Joplin Police Department to obtain is critical to our mission capabilities and tactical planning for high-risk incidents. This equipment includes our ballistic blanket system, which is utilized on almost every high-risk deployment and is the most utilized piece of equipment. The department is currently waiting for the delivery of the new blanket system that was ordered from last year's RHSOC grant. The department also maintains our SCBA packs to ensure they are in a state of operational readiness and the laptops are currently utilized by command staff members of JPD. The team also uses the Robotex Avatar III robot during operations to gain visual intelligence and communicate with individuals from a safe distance. While the SWAT team maintains this equipment for operational needs, the items are also frequently

used by other divisions of the police department for incidents that may not rise to the level of a SWAT activation but help ensure officer and citizen safety during the response.

Branson PD

Since our last update in the 2021 HSAC Annual Report, we have had no major incidents requiring the use of the full SWAT team. Portions of the team have been deployed in various capacities for arrests and other incidents with an elevated assessed risk, but that did not lend themselves to full SWAT deployments.

Additionally, the SWAT team has been integrated into incident action plans for and deployed to major area events, such as the large Veterans Day parade and the Adoration parade, in an ongoing effort to harden these targets.

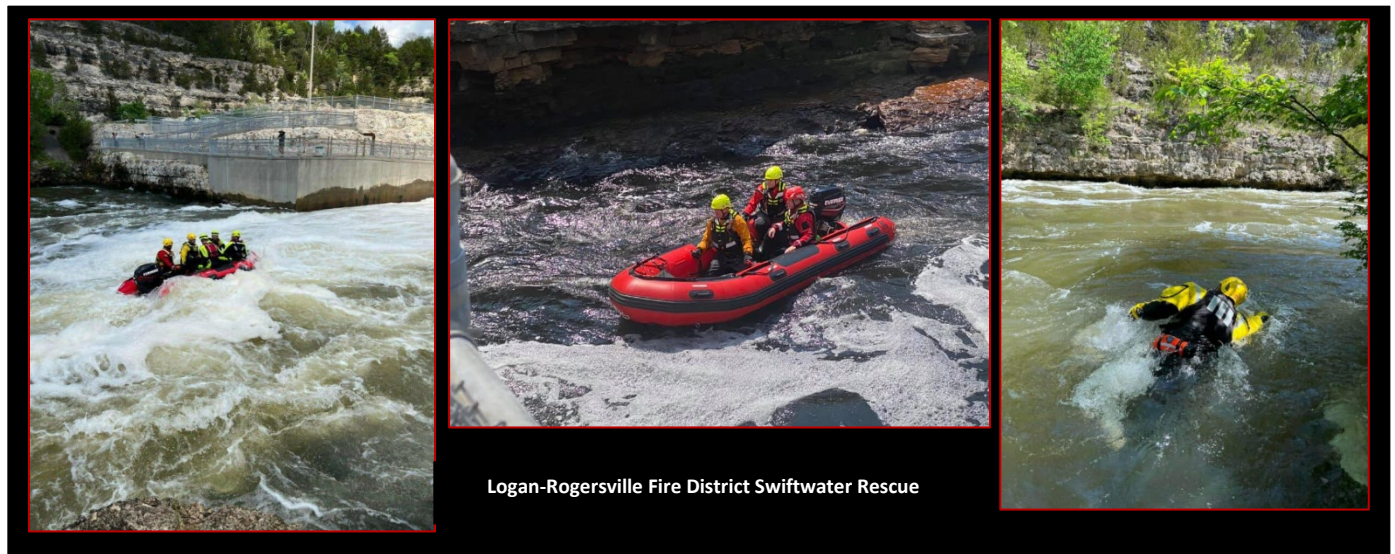
The equipment provided by RHSOC is integral into our operations, both on SWAT and in day-to-day police operations; our gas masks, utility terrain vehicle, and trailer are all prime examples of equipment serving in multipurpose roles.

We provided our deployable instant armor panels to the Taney County Sheriff's Office to assist in their SWAT operations on at least one occasion; feedback on the utility of the equipment was positive, and this partnership will continue.

We have received a variety of grant-funded vehicle and pedestrian barricades that have begun to be deployed regularly at major events (such as the aforementioned parades) in partnership with our public works department. Training continues to be conducted on a monthly basis, with RHSOC equipment used as a normal part of our operations."

SWIFTWATER RESCUE TEAMS

Logan-Rogersville Fire Protection District



- Responded to 17 incidents year-to-date, 9 of which were out of our district and mutual aid responses.
- Mutual aid provided to Nixa, Sparta, Clever, Ozark and Battlefield Fire Districts.
- Team consists of personnel trained to the technician level for a team total of 9.
- Two team members attended the International Assoc. of Water Rescue in South Bend, IN.
- Two personnel recertified and one new personnel received certification.

Redings Mill Fire Protection District



Training:

Our team currently has 11 swift water technicians and 5 swift water boat operators. We have 2 Rescue 3 International water instructors and working to qualify to teach additional courses. Three members attended the IAWRP Symposium in South Bend Indiana. The members completed a technical rope 1 & 2 course. We developed a water safety program and joined with community partners to offer 3 safety events where we taught water safety and donated a free life jacket to participants.

Equipment:

Purchased a true jet motor rock ejector to allow operators to clear debris while running. One dry suit was purchased and placed in service.

Responses:

Responded to 11 incidents year-to-date, 5 responses for mutual aid, 236 hours spent on responses.

Western Taney County Fire Protection District

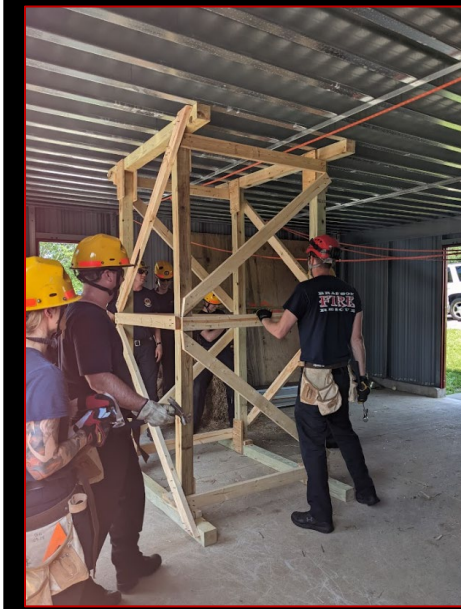
The Swiftwater Rescue Team equipment is maintained on a monthly basis. In-house trainings are conducted monthly as well. There were nine water rescue calls during 2022.

STRUCTURAL COLLAPSE

Logan-Rogersville Fire District

Continual training is held with specialized equipment and procedures.

Springfield Fire Department Technical Rescue Team (TRT)



Springfield Fire Structural Collapse

The Springfield Fire Department Technical Rescue Team (TRT) is certified in trench rescue, confined space rescue, vehicle and machinery rescue, and structural collapse, and all members are IFSAC-certified as Rope Technicians. Training in urban search and rescue and large area search are also components of the TRT training program. The TRT is a NIMS Type 1 USAR Team and NIMS Type 1 Structural Collapse team deployable within Missouri Region D. To date (October), there have been 40 calls for service in 2022 related to extrication and technical rescue.

In addition to monthly scheduled Technical Rescue training, Team members lead training for truck companies in rope and extrication disciplines. In 2022, Special Operations training has largely returned to normal, with multi-agency and interagency training and drills throughout the year. Currently, all Rescue Specialists have a foundation of certification and education which we continue to build upon with drills, advanced training, and refresher training.

In May, SFD's Technical Rescue Team held a semi-annual training academy for operations-level responders (incorporating attendees from other cooperating area fire departments). Attendees studied and constructed structural shoring for collapsed structures, practicing a skill that the Technical Rescue Team has deployed regionally to multiple areas in recovery from tornadoes. The academy also included advanced instruction on rope rescue systems, and the two courses combined provided each of the 12 students with 80 hours of critical training. Staff overseeing and conducting the drills were trained through RHSOC funded courses, using RHSOC funded equipment.

At the end of September, the Technical Rescue Team partnered with City of Springfield Public Works staff to train on trench rescue technician skills, including shoring, nontraditional anchor systems, and heavy lifting maneuvers. Teams integrated a newly-acquired Arizona Vortex (funded by Regional Homeland Security grants) to train on lifting and moving heavy objects like utility piping to free entrapped trench workers.

Western Taney County Fire Protection District

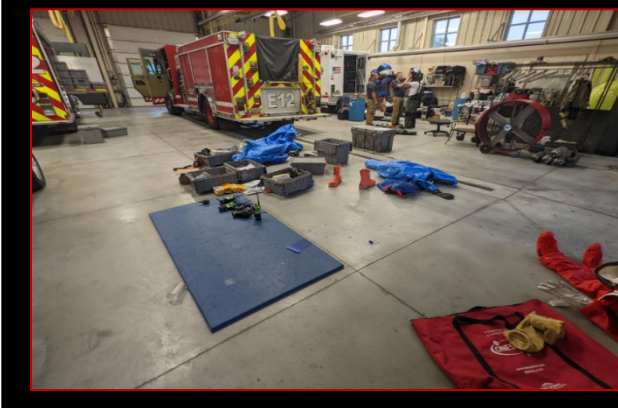
Structural collapse equipment is maintained on a monthly basis. In-house trainings are conducted monthly as well. There were no structural collapse calls this year.

HAZMAT

Springfield Fire Department



Springfield Fire Department HAZMAT



The City of Springfield Fire Department (SFD) Hazardous Materials Team (HMT) responds to incidents involving unknown hazardous materials, CBRNE threats (chemical, biological, radiological, nuclear, explosive) and WMD (weapons of mass destruction). Designated response areas include the City of Springfield and Missouri Homeland Security Region D, but the team may be deployed through statewide mutual assistance or more broadly at the direction of the Fire Chief. The team is comprised of members from both Springfield Fire Department and the Logan-Rogersville Fire Protection District.

Hazardous materials incident types include gas leaks, fuel spills, chemical spills, hazardous conditions, and hazardous materials releases. These are further broken down into incident reporting categories including natural gas or LPG leaks, oil spills, carbon monoxide incidents, biological hazards, and radioactive materials incidents. Fuel spills and natural gas leaks (due to service lines damaged by construction) are the two most common hazardous

materials calls, and most often handled by first due apparatus without additional alarms struck. RHSOC funded the sustainment (warranty, repair, and calibration) of a host of radiation detectors and personal dosimeters, a Thermo Scientific Gemini (FTIR and Ahura) monitor, and an MX908 portable mass spectrometer.

HazMat 12 was deployed 4 times in 2022. SFD responded to 209 calls for service for hazardous material related incident types in 2022 as of October.

The Hazardous Materials Team has been engaged in training and response throughout 2022, with teams mitigating an acid spill in the Spring and conducting multiple assessments of unknown substances throughout the year. The HazMat Team has trained internally on multiple release mitigation and mayday scenarios incorporating practical drills. Hazardous Materials Team members also participate in Department-wide training and drills intended to provide each Department member with 8 hours of annual HazMat training. This ensures all Department members can function in Operations-level roles in the event of an emergency, including decontamination, diking, damming, spill control, and more.

In April 2022, Springfield Fire hosted a pilot course titled “HAZMAT Risk Based Response: Advanced Classification and Identification Techniques” distilling new National Fire Academy curriculum into an 8-hour format. In August, Teams participated in drill maneuvers with a local power company’s HazMat team, integrating two other local fire departments in preplanning, tours, and drill evaluation. Hazardous Materials Team members also participated in tabletop HazMat emergency exercises in both Christian and Greene counties. All of these training activities utilized equipment and apparatus funded through RHSOC.

In September, members of the SFD Command Staff participated in the planning and deployment of a Homeland Security Regional Response System (HSRRS) deployment simulation, traveling to Quapaw, OK, to test regional capabilities for multi-agency coordination and response to large incidents. We also tested the deployment of Missouri’s statewide radio interoperability network (MOSWIN) and met with representatives from other regional fire, emergency management, and communication agencies.

In December, SFD will host a RAE Repair Technician class with RHSOC funding, incorporating HazMat responders from both SFD and Logan-Rogersville Fire Protection District. After the completion of this class, members will be able to repair and diagnose monitors internally, which will result in a cost savings for the department and RHSOC.

Logan-Rogersville Fire Protection District



Logan-Rogersville Fire District HAZMAT

Six new personnel attended technician training class.

Western Taney County Fire Protection District

The district responded to seven HAZMAT calls in 2022.

WEBEOC

The Region D WebEOC System continues to perform well. We are happy to report no major system issues. As of November 1st, we are at 773 users on the Missouri Region D WebEOC System. For the 2022 year to date, we have had 8 Real World Incidents, 9 Special Event Incidents and 7 Training/Exercise Incidents.

We are currently on Version 8.8. Version 9 has now been in production for a while, and some jurisdictions have encountered challenges/bugs with the upgrade, so we have held off on upgrading. The Regional WebEOC Admin Team will likely schedule our server upgrades for this winter.

Additionally, the State Emergency Management Agency has recently restarted discussions about data sharing or "Fusion" of the Region D WebEOC System and the SEMA WebEOC System. Meetings have been scheduled with Region D RHSOC Leadership, Emergency Management Leadership and Technical Administrators that maintain the systems to discuss policy and technical issues.

Region-D, Communications Vehicle (Skylab)

The regional Communications Vehicle was received in 2009. This vehicle was solely funded by the RHSOC and provided to Greene County to maintain and deploy. For 2022, the vehicle has supported the following local and regional events:

- Bass Pro World Fishing Fair: This three-day event was attended by 70,000 people from around the world.
- Ozark Empire Fair: Provided onsite communications and public safety dispatch capabilities for this regional ten-day event.
- Route 66 Festival: Provided onsite communications and public safety dispatch capabilities for this two-day event drawing tens of thousands from several countries.
- Central States Communications Exercise: This multi-state/international communications exercise is held every two years in the quad-state area around Joplin. Skylab functioned as part of the command post for the event.
- Bass Pro Marathon: Provided onsite communications and public safety dispatch capabilities in conjunction with partner agencies.



Region-D, Field Command Post (FCP) Unit

The Field Command Post Unit, is owned by the Springfield-Greene County Office of Emergency Management with funds allocated by the RHSOC to purchase specified electronic components to assist with connectivity to the regional Communications Vehicle. The vehicle continues to support operations as requested. It was assigned to the Central States Communications Exercise, however, due to a pull vehicle issue it could not attend.

Region-D, Multi-Agency Coordination Center-Primary (DMACC-P)

The Springfield-Greene County Office of Emergency Management continues to support the DMACC process, acting as the primary MACC for the region. The RHSOC has funded information technology, telecommunications and audio-visual components for the MACC. The Springfield-Greene County Office of Emergency Management continues to maintain and manage MACC capabilities. The MACC process was tested on a large scale at the Central States Communications Exercise.

MO CERT 1

In the past year, MO CERT 1 has continued training new CERT members with several classes resulting in lots of new members. We have continued our member training with in-house training and refresher courses. We have also participated in numerous community events including: First Aid Stations at numerous events around the region, Fire Prevention Week Activities and educational booths at events.

MO CERT 1 was called upon to assist with parking and traffic at a First Responder's funeral and a search for a missing man at Busiek State Park.

We also participated in an Active Shooter exercise, providing the "victims" for the scenario and hosted a Search and Rescue Class in Nixa.

Many CERT's participated in COVID-19 clinics and testing sites in Greene and Christian Counties.

Through RHSOC funding, we were able to continue teaching CERT Classes, assist the community with special events and provide advanced training to CERT members in support of the 1st Responder Community.





Region E

RHSOC Chair: Robert Hearnnes (573) 683-3737
RHSOC Vice Chair: Sean Mitchell (573) 587-0159
Regional Planning Commission: Southeast MO RPC
1 West St. Joseph Street, Perryville, MO 63775

Region E continues to support the five mission areas of prevention, protection, mitigation, response, and recovery through its' funding allocation and training. The region continues to respond and recover from the impacts of the Covid-19 pandemic. The year began with caution and social distancing but as vaccine dissemination has progressed, more activities, meetings, and trainings have been held.

This can be seen in the Region-E Homeland Security Response Team (HSRT) that has been working hard in 2022 to maintain and enhance our capabilities for the region. Our departments that make up the HSRT (*Cape Girardeau Fire Department, Jackson Fire/Rescue, Sikeston Department of Public Safety and Stoddard County Ambulance*) continue to work closely for what is best for Region-E, forming great relations with numerous response agencies throughout our region and the state during responses & joint training exercises. The equipment and support that is provided to the team through RHSOC funding allows them to be one of the best all hazard response teams in the state of Missouri.

HSRT continues to train every month (8hr days) as a team throughout the region. Many times this training is conducted with other response agencies such as the Missouri State Highway Patrol, Missouri Department of Conservation, and other fire departments, just to name a few.

HSRT has responded to 12 incidents within our region over the last 11 months. These incidents range from Haz-Mat Response, Outdoor Search and Rescue, Water Rescue and Dive Recovery.

The team has also added to their already extensive collapse and shoring system so they can respond to various complex and dangerous situations. All these components speak directly to the homeland security initiatives. The region is committed to ensure capabilities of the team are either sustained or grown for the benefit of the region.

The communication vehicles can be quickly deployed to any disaster to maintain and enhance interoperable communication. These vehicles were deployed and trained throughout the year. The vehicles were also upgraded with additional software and services to expand response capabilities.

The Community Emergency Response Team (CERT) project is widely supported by the region. CERT classes provide disaster preparedness given in an "all hazard" educational process gives awareness, prevention, mitigation, response, and recovery to almost all disaster events, including terrorism. The CERT course has continued to provide this valuable education through the limitations of social distancing. This year hundreds of individuals of varying age have received disaster preparedness and emergency response training utilizing RHSOC funded materials, staff, and equipment. Training included learning to safely carry individuals, fire extinguisher experience, trauma and first aid response. The CERT Coordinator also provides 72-hour bucket training and hosts open houses on emergency response for the public.

The FY2022 award was discussed and allocated at the July meeting. The funds were allocated as follows:

- Cape HSRT \$63,753.90
- CERT \$25,806.50
- Cape Ballistic PPE \$554.31
- Sikeston InOp \$17,300.10
- Jackson HSRT \$36,000.00
- Sikeston HSRT \$ 36,977.10

Missouri Delta Medical Center deployed and exercised their mobile hospital tent during the Sikeston Jaycee Bootheel Rodeo. Forty-six individuals were treated during this deployment exercise. The event allowed multiple agencies to work together with the asset to respond to the needs of the public. The Sikeston DPS communication vehicle was also deployed during this exercise.

Many agencies utilized portions of the mobile field hospital to host vaccine clinics. Other agencies were able to use local resources to host drive thru clinics allowing them to exercise their resources. This provided a unique learning tool on planning, prevention, mitigation, response, and recovery.

The Mass Fatality trailer was deployed on two occasions; the I-57 incident and to Southeast Hospital during a water main issue to act as a water chiller.

The Communication vehicles and HSRT equipment and resources are utilized, when necessary, as the Cape Girardeau Fire Department, Jackson Fire Department and the Sikeston DPS are responding to incidents locally and regionally. The Cape Girardeau County generator was utilized during the Statewide Communications Drill where the Communication Vehicles and the mobile field hospital were also deployed. The Communication Vehicles were deployed during a regional Search and Rescue training event.



Region F

RHSOC Chair: Barry Gipe (573) 291-7981
RHSOC Vice Chair: Larry Oerly (660) 888-5737
Regional Planning Commission: Mid-Missouri RPC
206 East Broadway, Ashland, MO 65010

Mid-Missouri Regional Planning Commission has been working with Region F towards completing 25 FY20 SHSP and 24 FY21 funded projects such as new equipment and sustainment.

This last year has offered many struggles and some roadblocks with vendors still facing staff shortages and backorders due to items not being available. This has delayed the procuring process. I am happy to say we are closing 2022 with less than half of FY20 and FY21 items to be purchased. OHS has approved an FY20 extension until April 2023.

For FY21 we are working towards several large item purchases. There are three trailer mounted portable LED light towers with a 6kw going to three different counties (Audrain, Callaway, Cooper). Portable meteorological-weather station for Callaway County was purchased along with mobile radios for both Camden and Cooper County being a few of those purchases. We also have sustainment and new item funds for the HSRT and MEOC in both Boone County and Cole County.

As you know Mobile Emergency Operations Center provides interoperable emergency communications and incident management resources to tactical environments. When a multi-jurisdictional incident occurs, being able to communicate to and from all responding entities and manage the overall incident are key concerns. Cole Co MEOC functions with Region F RHSOC funds and volunteers. This year the MEOC was active with events and training. The MEOC was deployed to the Cole County Fair as well as the Bikefest and Shootout at the Lake of the Ozarks. They were also deployed to the Wooldridge Fire in Cooper County that made national news. The fire was said to destroy about 3,000 – 3,500 acres with 23 structures either destroyed or heavily damaged. With this incident the Missouri State Mutual Aid was activated and over 50 fire departments across the state responded.

Like the Cole Co MEOC, Cole Co HSRT also functions with Region F RHSOC funds and volunteers. They were very active this year and utilized assets purchased with SHSP such as the HAZ-ID, decon and detection equipment, etc. Cole Co HSRT were called out to assist in multiple incidences such as:

1. Assist JCPD in identifying substance at Missouri Department of Corrections and another incident provided decontamination to rooms and equipment when exposed to fentanyl
2. Filter and stop material from 18 wheeler spill
3. Assist JCFD with decon for a chemical spill with reaction at Lincoln University

We successfully completed a new Region F THIRA this year using Earthquake as the scenario. With several people within the region completing some FEMA THIRA trainings this year, it seemed to be more successful with knowledge of different tools that could be used to assist in the research process. There was a lot of participation from the EMD side and a few of our discipline chairs attended, but just the same as other years, we are presented with the challenge of other discipline participation. However, we believe to have found a solution to this struggle

and plan to implement it during the next year as a trial before the next full THIRA update is due.

With our long time Region F SEMA Regional Coordinator retiring this year we welcome Elizabeth Thompson as our new SEMA Regional Coordinator. We have a great working partnership with our Regional Coordinators and look forward to building this same great relationship with Ms. Thompson. She will continue the Region F EMD quarterly meetings and partnering with others throughout our region.

Bikefest – Lake of the Ozarks



Cole County Fair



Missouri Interop Field Exercise in Cape Girardeau



Woolridge, MO – Cooper County Fire





Region G

RHSOC Chair: Mark Arnold (417) 264-3221
RHSOC Vice Chair: Daniel Franks (417) 256-8284
Regional Planning Commission: South Central Ozark COG
4407 County Road 2340, Pomona, MO 65789

Region G has had 2 deployments of the HSRRT Team over the 2021-2022 period of time. The Team was sent to Ozark County to assist with the Sheriff's Department for a water rescue/recovery incident on Norfolk Lake. The Surface Water Team, support vehicles, and the Mobile Command Unit were deployed to help with this incident.

The Mobile Command Unit is being and has had a partial upgrade completed of their radio, network and computer systems. Equipment from the original purchase of this unit from 2008 has been replaced. These upgrades will make this unit more capable of communications and operations for many years to come.

The HSRRT Team has been working with a local area company in completing a Table Top Exercise, as well as planning for a Full Scale Exercise in 2023 to help better respond to potential incidents that may occur in the future at this location. Several pieces of equipment have been replaced or upgraded for the team to better respond to the region, state or federal incidents as requested.

Grants totaling nearly \$95,000.00 were awarded to several agencies in October of 2022 and are currently in process. We have a new person at the Regional Planning Commission that we are proud to have working with us, and she has already completed, with our help, the THIRA information for the Region. Good Job Melanie.



Region H

RHSOC Chair: Bill Brinton (816) 271-1574
RHSOC Vice Chair: Bill Lamar (816) 271-4650
Regional Planning Commission: MO-KAN RPC
224 North 7th Street, St. Joseph, MO 64501

Over the last year, The Region H Homeland Security Oversight Committee (RHSOC), comprising 15 counties in Northwest Missouri, hosted four in-person/virtual quarterly meetings for the region in January, April, August and October. As part of those meetings, the Region H RHSOC approved several FY22 SHSP projects including a watercraft replacement project for Gower Fire Protection District and portable radio projects for Missouri Western State University and Holt County EMA. FY20 procurement was completed on the NTA Ambulance radio cache for the region, which includes 10 + MOSWIN-capable portable radios, and FY21 procurement was completed for a UTV for the City of St. Joseph Emergency Management Agency's incident support trailer, a new type of deployable asset for the region.

Several of our regional partners participated in the annual Missouri Hope exercise hosted by Northwest Missouri State University at Mozingo Lake in Maryville, which included 12 distinct training exercises for Northwest students as well as emergency personnel in medical, police, fire and armed forces. Exercises included search-and-rescue, assessment of traumatic injuries and evacuation from difficult terrains, such as cliffs and rivers and were facilitated with the help of Maryville Public Safety, Nodaway and Buchanan County Emergency Management, Nodaway County Ambulance District, LifeFlight and LifeNet Air Ambulances, SEMA Region H Marine Hazmat Team, the 129th Field Artillery Battalion Missouri Army National Guard and the 139th Airlift Wing of the Missouri National Guard.

Region H Hazmat responded to numerous incidents and participated in several events with RHSOC-funded resources over the course of the year, including responding to a diesel fuel release at the Pilot Truck Stop in Faucett and an overturned tractor trailer near St. Joseph, as well as participation in the Cooper Nuclear Graded Exercise in Tarkio and the Andrew County LEPC anhydrous ammonia exercise in May.



Region I

RHSOC Chair: Ron Smith (573) 364-3989
RHSOC Vice Chair: Tabitha Stanfast (573) 729-6626
Regional Planning Commission: Meramec RPC
4 Industrial Drive, St. James, MO 65559

The Meramec Regional Planning Commission (MRPC) hosted quarterly meetings for the Region I RHSOC in January, April, July, and November 2022. Approved FY2022 grants for the following projects:

- Rolla Homeland Security Response Team (HSRT), includes purchases for all hazard team, search and rescue, command post and communications
- Meramec Regional Planning Commission (MRPC) (Management and Administration, Planning, and Work Plan).

Working with grant sub-recipients, MRPC finalized procurement of FY2020 grants.

The Rolla HSRT, in conjunction with MSHP, DNR, NTSB, and MODOT, responded to a battery Incident on I-44 where 18 of 28 EV car batteries were damaged and on fire. The team extinguished and provided decontamination and environmental protection over two days.

The Rolla HSRT, assisted by the Gasconade County Sheriff's Office, Missouri State Highway Patrol, and Belle Fire Department provided a high angle rescue response in Belle to assist a motorist whose vehicle was over an embankment.

The Rolla HSRT, in conjunction with the Missouri State Highway Patrol, conducted a swift water rescue on Highway E. An additional swift water response was required over the Little Piney River.

The Rolla HSRT offered their radio cache to the Missouri S&T campus.

The 2022 Threat and Hazard Identification and Risk Assessment (THIRA) was updated and submitted to the Missouri Office of Homeland Security, with primary work completed by the Region I RHSOC subcommittee and Rolla HSRT.