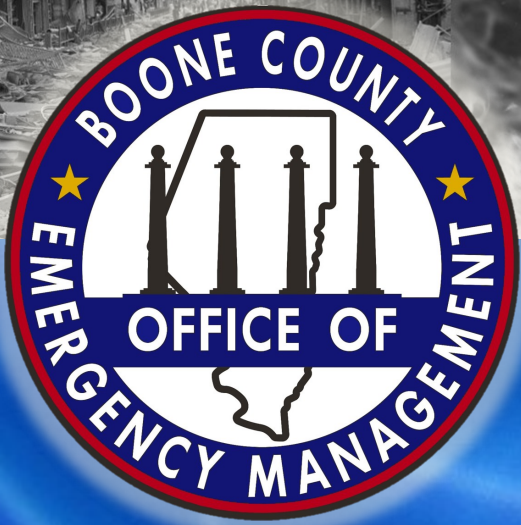




2018



ANNUAL REPORT

**BOONE COUNTY
OFFICE OF EMERGENCY MANAG-**

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MISSION STATEMENT

Our Mission is to provide a comprehensive and integrated emergency management system that coordinates community resources to protect lives, property and the environment through mitigation, preparedness, response and recovery from all natural and man made hazards that may impact our county.



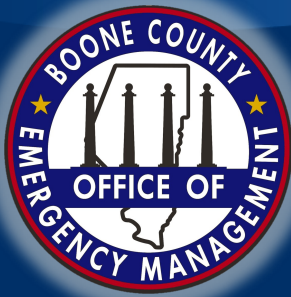
Staff Additions & Departures

June 15, 2018: Cindy Therikeld (not pictured) separated as the Administrative Assistant.

July 16, 2018: Eduardo Lujan started as the Administrative Assistant

October 25, 2018: Jordan Wright separated as the Mitigation and Recovery Specialist

LETTER FROM THE DEPUTY DIRECTOR



Greetings Citizens of Boone County,

As we welcome 2019, our office would like to take an opportunity to reflect upon 2018. During the previous year, we have been busy across our community meeting the public at a variety of events, conducting training and exercises for our first responders and citizens, and completing robust updates of local plans. The Boone County Office of Emergency Management kept busy during 2018.

As we build a community and culture of preparedness together, it's important to be reminded that although our office strives to increase local capacity daily, we could never do it without our community. We thank you all for your support during the last year, and more importantly, for the preparedness efforts you have taken as a resident of Boone County in an effort to make Boone County one of the most prepared communities in the nation. We are only as prepared as our community, something we take very seriously in our office.

We thank you for signing up for Smart911, allowing you and your family to get critical information regarding incidents in our community. We thank you for attending the outreach campaigns in which our office has participated, including the Risk Assessment for Missouri Houses of Worship – which drew over 150 attendees – and the Emergency Preparedness Exercise workshop, which was developed to assist our medical community in meeting their Medicare/Medicaid preparedness requirements. More than anything, we sincerely thank you for your continued support. The support of you, the citizens of Boone County, is held in the highest regard by our office and something we value beyond words.

In welcoming 2019, our office has no plans of slowing down; exactly the opposite in fact. We welcome the challenge of exceeding the banner year we had in 2018. Through our highly regarded team of professionals, we look forward to engaging our community and providing the highest level of service to our citizens. We are confident that Boone County Emergency Management will continue to be innovative, accountable and present for our community during 2019 and for many years ahead.

In looking back on 2018, I am more confident than ever that the bar has been set high for 2019 and that the team of emergency management professionals we have assembled will not only meet, but exceed this high bar. It is truly humbling to work with such a fantastic team of professionals who are in service to a community which we hold so dear. We look forward to the continuing opportunity to be of service to our citizens as 2019 in Boone County unfolds.

Sincerely,

Tom Hurley
Deputy Director

AWARDED GRANTS

Federal Grants

Emergency Management Performance Grant (EMPG) - \$88,000.00

The Emergency Management Performance Grant (EMPG) is the largest grant received by Boone County OEM. This grant program is integral to supporting the National Preparedness System and achieving the National Preparedness Goal by ensuring state and local governments have the access to the resources required to prepare for all-hazards. EMPG funding is utilized to support local emergency management activities including training, planning, and equipment purchases.

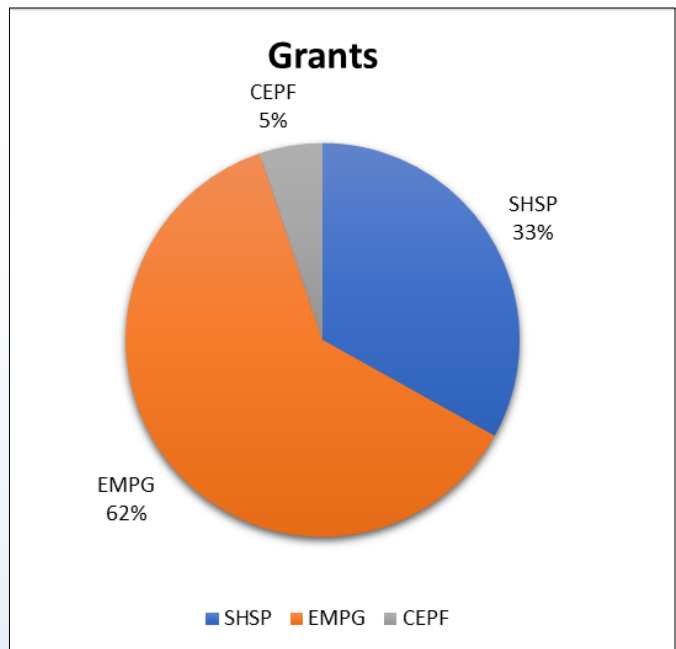
State Homeland Security Program (SHSP) - \$47,200.00

The State Homeland Security Program (SHSP) grant is one of three grant programs provided by the Homeland Security Grant Program (HSGP) created to support the National Preparedness System. In effort to achieve the National Preparedness Goal. Funding is utilized for deployable equipment and resources to support our County, our region, Region F, and may be deployed nationally to any disaster.

State Grants

Chemical Emergency Preparedness Fund (CEPF) - \$7,400.00

Missouri established the Chemical Emergency Preparedness Fund (CEPF) to help the Missouri Emergency Response Commission (MERC) and the Local Emergency Planning Committees (LEPCs) meet the guidelines established by the Emergency Planning and Community Right-to-Know Act (EPCRA) and related state and federal statutes regarding Hazardous Materials. Funding is used to provide chemical accident prevention activities, such as, planning and training, locally.



EMERGENCY COMMUNICATIONS CENTER



224

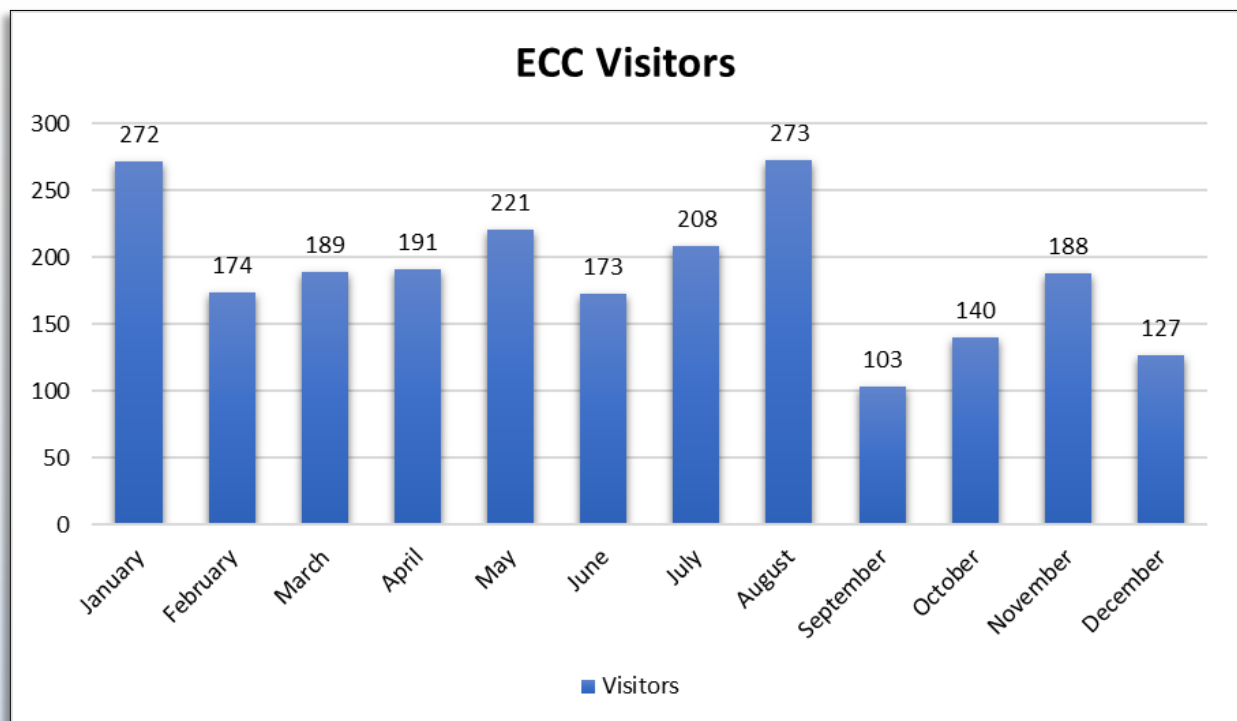
**Total Meetings
Hosted**

31

**Total Trainings
Hosted**

2,259

Total Visitors



PLANNING & PREPAREDNESS

Debris Management Plan



In 2018 the Boone County Debris Management Plan was finalized and approved by all County municipalities and the Missouri State Emergency Management Agency (SEMA). This plan is currently under review by the Federal Emergency Management Agency (FEMA). A local debris management plan provides a proactive approach to coordinating and managing debris removal operations as part of the overall emergency management planning efforts. This plan ensure the County is better prepared to restore public services and ensure public health and safety in the aftermath of a disaster and can receive the full level of assistance available from FEMA and other participating entities.

Emergency Operations Plan

2018 brought with it the official update and transition of the Boone County Emergency Operations Plan (EOP) from its former annex format to an Emergency Support Function (ESF) format. The ESF version of the plan better aligns with state and federal planning processes and documents. The State Emergency Management Agency reviewed the plan in July, finding it to be complete with all required components. The Boone County Commission will review and sign the plan in early 2019.



Regional Planning



Region F Quarterly Meeting

In 2018, Boone County continued to plan and partner with the other 12 counties in Region F. Regional relationships strengthen the response and recovery capabilities of the entire region and individual counties within it. Awareness of the resources within Region F, and advanced planning to acquire those resources in times of need, are incorporated into the Boone County EOP on many levels. Structured regional relationships include: Region F Healthcare Coalition, Region F Homeland Security Oversight Committee, and Region F SEMA Coordinator. BCOEM also participated in the Region F Training and Exercise Planning Workshop, and is assisting with development of a Region F mass fatality plan.

LOCAL EMERGENCY PLANNING COMMITTEE

The Local Emergency Planning Committee (LEPC) is comprised of various response partners, local businesses and other stakeholders from Boone County. The purpose of the LEPC is to ensure local response partners have appropriate training and equipment to respond to incidents involving hazardous materials. Additionally, businesses are encouraged to actively plan with members of the LEPC to ensure efficiency in response and appropriate pre-planning for events involving hazardous materials.

2018 marked the first entire year Boone County Emergency Management was the administrative authority of the LEPC. By being the administrative authority, Emergency Management is responsible for the administrative functions of the LEPC. This includes ensuring budgeting meets the policies of Boone County, coordinating meetings with the Chairperson, being the repository for local reporting requirements and providing any additional administrative support.

In 2018, the LEPC, with support for Emergency Management supported four trainings for emergency responders and two for local businesses. These included two HazMat-IQ course for first responders, a HAZWOPER forty hour course for first responders and local businesses as well as a HAZWOPER eight hour refresher course for both first responders and local businesses.

In addition to being the administrative authority, Emergency Management takes a lead roll in many of the subcommittees. Our office provides updates to local planning documents as required by the State of Missouri as well as is the lead planner for the annual LEPC exercise.

The LEPC meets four times a year, typically at the Emergency Communications Center. The public is not only invited but encouraged to attend any LEPC meeting.

LEPC Tabletop Exercise



The LEPC Tabletop Exercise was conducted May 31, 2018 from 1:30-3:30pm at the Boone County Fire Protection District Training Center. The exercise focused specifically on applying the current Boone County EOP ESF 10: Hazardous Materials to a train derailment scenario resulting in the release of multiple chemicals. In total there were 26 participants.

The exercise provided a good opportunity to increase overall understanding of response capabilities. Many participants noted the importance of public and private entity involvement in community trainings such as this one, as well as, the high level of responder experience, knowledge, and capabilities within the community.



PRESIDENTIAL VISIT

On November 1, 2018, the President of the United States made a scheduled visit to the Columbia Regional Airport (COU) in Boone County to attend a campaign rally on the grounds of COU. Greater than 20,000 people RSVPed to attend the event. President Trump was to arrive at the airport at 1820 hours and depart at 2000 hours.

This was a one day event, with the supporting public safety agencies being notified of the event on the evening of October 26th. The support objectives included safety and security for the President, presidential staff, event attendees and public safety personnel. Traffic and parking management, and provision of on-site fire department and emergency medical capabilities were also top priorities. Potential threats and hazards included civil disturbance, active assailant, security breaches, cascading events from traffic issues and medical emergencies.

This event required intensive joint planning with all of the participating agencies over a very short time frame, to include mission areas of protection, response and command coordination, with core capabilities focused on unified command and coordination, and interoperable communications.

From this joint planning, Boone County OEM created the Incident Action Plan used by our partners while managing the event. Post-event, OEM facilitated after action meetings and produced an After Action Report and Improvement Plan which was shared with all participating agencies.

Incident Action Plan

Boone County Office of Emergency Management



Incident Name POTUS Visit

Incident Number SE2018-11-001

Unified Command
Michael Parks - COU
Brian Richenberger - CPD

Operational Period - Date: 11/01/2018

Time: 0700-2300

GPS Datum MGRS GPS Format USNG Command Post GPS Coordinates 15SN C6708 695122

Prepared By: Sheril Gladney/BCOEM	Signature	Date: 10/11/18	Time: 1820
Approved By:	Signature	Date: 10/11/18	Time: 1820

Boone County OEM ICS Form Set

Revised: 06/01/2016



Columbia Regional Airport POTUS Visit November 1, 2018

After-Action Report/Improvement Plan



Prepared by
Boone County Office of Emergency Management

TRAINING & EXERCISES

Columbia College Dangerous Intruder Tabletop Exercise

The Columbia College Dangerous Intruder Tabletop Exercise was planned collaboratively between Columbia College and OEM. The exercise was conducted on May 29, 2018 from 1:00-4:00pm on the Columbia College campus. This was an exercise of Columbia College's Crisis Response Plan (CRP). The exercise was exclusively for the members of the College's Crisis Response Team (CRT) as specified within their plan. In total there were 14 individuals who participated. Participants considered such topics as; incident notification, initial response, public information needs, coordination with responders, and recovery.



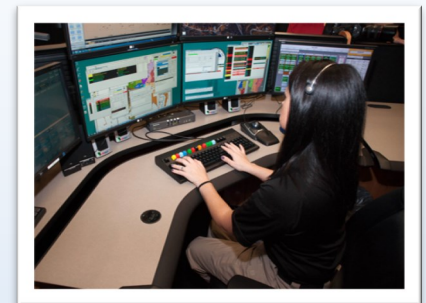
Safe Mizzou Week Tabletop Exercise

The 2018 Safe Mizzou Week Tabletop Exercise was planned collaboratively between the University of Missouri and OEM to be conducted during Safe Mizzou Week observed annually during National Preparedness Month. The exercise was conducted on September 18, 2018 from 9:00-11:00am on the University of Missouri campus. The exercise tested the University of Missouri's Emergency Operations Plan (EOP) pertaining to a large fire on campus. There were 42 individuals who participated in the exercise ranging from first responders to University administration. The exercise covered notification procedures, both internally and externally, initial actions to take, coordinating incident management within the University departments and with first responders, as well as, the procedures for activating the EOP and setting up the University's Emergency Operations Center (EOC).



Active Assailant Communications Tabletop Exercise

The Active Assailant Communications Tabletop Exercise was planned collaboratively between the Boone County Office of Emergency Management, Boone County Joint Communications, Columbia Regional Airport, and the Columbia Police Department. The exercise was conducted on October 16, 2018 from 9:00am-12:00pm at the Columbia Police Department Regional Training Center. The mission area of the exercise was response focusing on the procedures and processes regarding how information will flow between responding agencies during a large-scale active assailant event. In total there were 44 individuals who participated in the exercise. During exercise play, it was evident that participants harbor strong existing relationships between agencies which aided their ability to achieve capabilities necessary to progress through the exercise scenario and in turn will increase their capacity to respond during real-world incidents. Participants also displayed a working knowledge of the Incident Command System (ICS) which will enable them to establish and maintain a common operating picture integral to effective incident management.



Crisis Leadership & Decision-Making

The Boone County Office of Emergency Management in conjunction with the Missouri State Emergency Management Agency (SEMA) and Texas A&M Engineering Extension Service (TEEX) Emergency Services Training Institute (ESTI) hosted the Crisis Leadership and Decision Making Seminar for elected and appointed officials, emergency response managers, educational administration, and private sector executives at the Boone County Sheriff's Department Training Annex on April 18, 2018. There were 32 individuals that attended this training.



In preparation for the course, participants read a case study from Harvard University, Kennedy School of Government, that provided the basis for discussion. The case study gave participants the opportunity to explore the lessons learned, areas for improvement, and decisions made by those responding to the incident. This insight will better equip them to respond to future disasters locally. This was a high-level training focusing on strategic and executive-level issues, and the unique challenges faced by elected officials when their communities are experiencing catastrophic incident.

Training & Exercise Program **BY THE NUMBERS**

77

Total Training &
Exercise Hours

1,104

Total Participant
Training Hours

1,573

Total Participant
Training & Exercise Hours

369

Total
Participants

469

Total Participant
Exercise Hours

** Hours derived by multiplying number of participants by length of each training or exercise*

COMMUNITY TRAININGS



SKYWARN

Storm Spotter Training

On February 22, 2018 OEM in conjunction with the National Weather Services (NWS) hosted their second Storm Spotter Training from 6:30—9:00PM at the American Legion. Storm Spotter Training is a free, community-wide offering that gives citizens an opportunity to gain a better understanding of the science behind severe storms. The training covers identifying weather patterns and notifying officials about extreme weather conditions. Trained spotter notifications are used by the National Weather Service to reinforce or update weather predictions, advisories, watches and warnings. Weather awareness is yet another capability that helps increase our communities' disaster resilience.

Exercise Planning Workshop

In 2018, OEM partnered with Columbia/Boone County Public Health and Human Services and the Region F Healthcare Coalition to offer an exercise planning workshop for healthcare providers to meet the Centers for Medicare & Medicaid Services Final Rule requirements. The CMS Final Rule requires providers to conduct or participate in two emergency preparedness exercise annually. During the workshop, OEM introduced the Homeland Security Exercise & Evaluation Program (HSEEP), the national exercise planning standard, to inform medical providers how to design and execute effective exercises testing their emergency operations plans at their facilities. There were four sessions offered through the month of March.



Risk Assessment for Houses of Worship

OEM initiated a faith-based outreach program to share emergency preparedness information and tools with the houses of worship throughout the County. OEM coordinated two offerings of the Missouri Information Analysis Center's "Risk Assessment for MO Houses of Worship" presentation during the first half of 2018, with total attendees numbering over 145, and over 40 houses of worship represented. OEM is continuing ongoing outreach to determine potential capabilities for houses of worship to support the community during times of disaster.



[Photo Credit: ABC 17 KMIZ](#)



COMMUNITY EMERGENCY RESPONSE TEAM

The goal of the Boone County OEM CERT Program is to engage our citizens in preparing themselves and their communities to be more resilient in the wake of a disaster. BCOEM CERT training provides participants with the basic knowledge, skills and equipment to mitigate emergency needs during the immediate post-disaster period until professional assistance arrives. The CERT program supports the National Preparedness Goal and utilizes the whole community approach to emergency planning and coordination. Through the CERT Basic Training course, individuals are provided with the training and information to serve as critical resources in the immediate post-disaster period capable of performing many emergency functions.

Boone County OEM conducts a CERT Basic Training course annually in March. In 2018, the Boone County CERT welcomed 22 new members. Upon completion, new members are awarded their training certificate and CERT equipment. Boone County CERT meets the second Thursday of each month from 6:30-8:00pm for continued training and education in disaster preparedness.

CERT Tabletop Exercise & Full-Scale Exercise

In 2018, the Boone County Community Emergency Response Team (CERT) had their first ever, Tabletop and Full-Scale Exercise. The tabletop exercise was held during regular CERT Monthly Training on October 11, 2018 at the ECC. Participation in the tabletop exercise was required as a prerequisite for participation in the full-scale exercise. The full-scale exercise was conducted in tandem with the Missouri Task Force 1 on November 3, 2018 from 9:00am -12:00pm at the Boone County Fire Protection District Training Center.

The exercise explored how CERT can be deployed locally to act as a force multiplier during incidents with a mass search and rescue component. The exercise was performed in two phases, the second phase in tandem with Missouri Task Force 1. In total there were 17 CERT members who participated in the exercise. Members simulated search and rescue operations, triaged victims, called for transport, and then provide treatment.

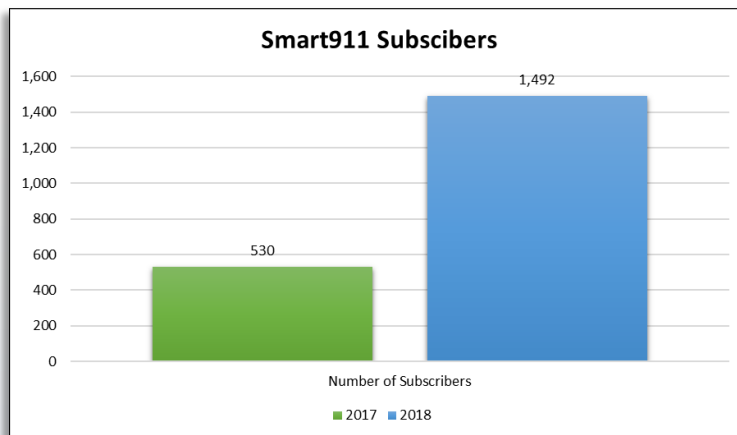
MITIGATION & RECOVERY

Climate Change & Resilience

In May, Boone County OEM attended the Game of Floods, a training exercise developed by the Urban Sustainability Directors Network (USDN), and sponsored by the City of Columbia Sustainability Office. This jump started a combined effort between OEM and the City of Columbia to begin looking toward a new mitigation & recovery paradigm. In September, members of both agencies traveled to Minneapolis, MN to attend a sustainability workshop and begin development of a follow-up training. During their trip, participants had the opportunity to pilot the new training games — The Game of Heat, and the Game of Heat & Floods. These games will help communities around the nation open doors on environmental sustainability mitigation projects.

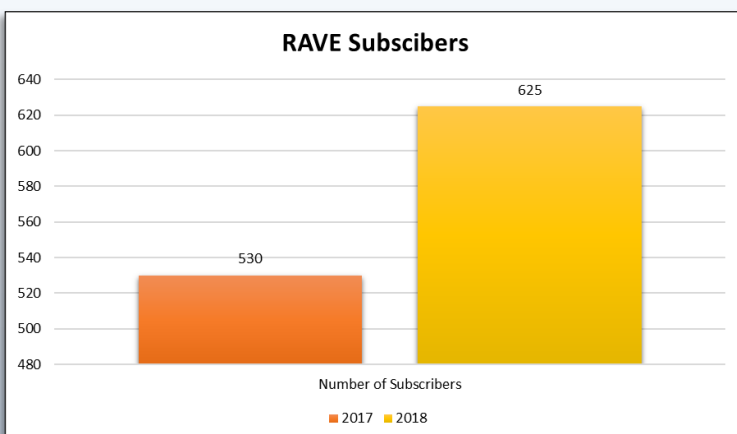


Smart911, Smart Facility, & RAVE



In 2018, Smart911 capabilities were expanded to offer all Boone County employees the option of receiving internal notifications via Rave.

OEM also implemented the use of the new feature, Smart Facility, to provide better information about local business to first responders during emergencies. OEM continues to provide presentations to educate the public on the availability of Smart911 and encourages all citizens to sign up.



In 2018, the total subscribers increased from 530 to 1,492 total subscribers. This reflects an increase of 962 subscribers or a 181% increase.

Rave subscribers increased from 530 to 625 total subscribers. This reflects an increase of 95 subscribers or an 18% increase.

Rave Prepare

Rave Prepare is an added feature of the Smart911 platform which allows citizens to provide information linked to an address and its occupants that may prove critical during emergencies or disasters. For example, a citizen may indicate that there is a person living at the address who is on home oxygen, and normally keeps a 3 day supply available. In the event of a long-term power outage, responders may target this address as a priority for a wellness check.

By leverage the information entered into Rave Prepare , Boone County public safety agencies can rapidly identify and locate individuals that may have critical needs, and allocate resources more effectively in times of disaster.

It is important to note, one of the goals of Rave Prepare is to be able to better allocate resources during an incident. Say for example a citizen has identified as being on home oxygen, but they have a three-day supply with them. On day two of a long term power outage, we can arrange additional oxygen be taken to this citizen prior to them running out; thus preventing an emergency before it ever happens. This efficiency allows us to better plan for and respond to local disasters and be able to easily identify residents in need of assistance.

It is important to note, Rave Prepare is no substitute for calling 9-1-1 if you have an emergency. Citizens are encouraged to utilize this robust, safe and free system before an emergency in order to maximize the benefit. To sign up, just visit Smart911.com or contact our office.



RAVE
MOBILE SAFETY

COMMUNITY ENGAGEMENT

BY THE NUMBERS

30

Community
Events

1,575

Community
Contacts

73

Engagement
Hours



Public Safety Hiring Fair

Boone County Office of Emergency Management was proud to partner with other Boone County departments and Public Safety agencies this year to support the first ever Public Safety Hiring Fair held April 17, 2018 at the Boone County Sheriff's Department Training Annex. OEM employees, Jordan Wright and Elizabeth Thompson served on the planning committee as well as the Marketing and Advertising Subcommittee, through which they assisted with the creation of flyers, banners, a brochure, social media promotion, and a commercial advertising the event.



APPENDIX A: ACRONYMS

AAR/IP	After Action Report & Improvement Plan
BCJC	Boone County Joint Communications
BCOEM	Boone County Office of Emergency Management
CEPF	Chemical Emergency Preparedness Fund
CERT	Community Emergency Response Team
CMS	Centers for Medicare & Medicaid Services
COU	Columbia Regional Airport
CRP	Crisis Response Plan
CRT	Crisis Response Team
DHS	Department of Homeland Security
ECC	Emergency Communications Center
EMPG	Emergency Management Performance Grant
EOC	Emergency Operations Center
EOP	Emergency Operations Plan
EPCRA	Emergency Planning & Community Right-to-Know Act
ESF	Emergency Support Function
ESTI	Emergency Services Training Institute
FEMA	Federal Emergency Management Agency
FSE	Full-Scale Exercise
HazMat	Hazardous Materials
HAZWOPER	Hazardous Waste Operations & Emergency Response
HSEEP	Homeland Security Exercise & Evaluation Program
HSGP	Homeland Security Grant Program
IAP	Incident Action Plan
ICS	Incident Command System
LEPC	Local Emergency Planning Committee
MERC	Missouri Emergency Response Commission
MIAC	Missouri information Analysis Center
MU	University of Missouri
NPG	National Preparedness Goal
NPS	National Preparedness System
NWS	National Weather Service
OEM	Office of Emergency Management
SEMA	State Emergency Management Agency
SHSP	State Homeland Security Program
TEEX	Texas A&M Engineering Extension Service
TTX	Tabletop Exercise
USDN	Urban Sustainability Directors Network

Thank You to our Partners!



Public Health
Prevent. Promote. Protect.
Columbia/Boone County
Public Health & Human Services



Harrisburg



**American
Red Cross**



COLUMBIA
Regional Airport



Health Care
University of Missouri Health System



**Boone Hospital
Center** BJC HealthCare™



**CONSOLIDATED
WATER**
Boone County, Missouri

Sturgeon



**Columbia
PUBLIC SCHOOLS**



**Boone Electric
Cooperative**
A Touchstone Energy® Cooperative



Hartsburg

FEMA





CONNECT WITH US!



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