

July 1, 2022 - June 30, 2023

COTS maintained another successful year of coordination in the Southeast/Southeast Central Ohio Healthcare Coalition (SEOHC). FY2022-2023 provided an eventful grant year with many accomplishments, challenges, and new opportunities.

Coalition Objectives:

- Expand the healthcare system's emergency response capacity through information and resource sharing.
- Coordinate the healthcare system's emergency response through effective communications.
- Integrate the healthcare system's response into the larger regional emergency response.
- Advise public officials on health policy matters during emergencies.

Coalition Accomplishments:

- Six (6) Southeast/Southeast Central (SE/SEC) Coalition Operations Advisory Board (SE/SEC COAB) were held and facilitated by the Regional Healthcare Coordinator (RHC).
 - The Southeast/Southeast Central Coalition Operations Advisory Board (SE-SEC COAB) approved a budget and deliverables, and activities for the coalition.
- Five (5) SE/SEC Regional Hospital Emergency Preparedness (SERHEP) meetings were held and facilitated by the Regional Healthcare Coordinator (RHC) with inclusion of Trauma Center representatives from the two-Level III Trauma Centers in the SE/SEC region to assist with meeting the American College of Surgeons standards.
- Four (4) Southeast/Southeast Central Ohio Healthcare Full Coalition meetings were held and facilitated by the Regional Healthcare Coordinator (RHC) with many great topics for review and discussion among coalition members.
- The SEOHC Response Plan was reviewed and updated along with the Pediatric Surge Annex, Burn Surge Annex, and development of a Radiation Surge Annex all approved by the SE-SEC COAB.
- The SEOHC core members (hospitals, Emergency Management Agencies (EMA), Emergency Medical Services (EMS), and public Health) and RHC participated in the ODH Statewide facilitated Radiation Surge and Crisis Standards of Care Table-Top Exercise.
- Two (2) Radiation Response Considerations training courses were hosted in the SE/SEC region with approximately 60 total participants.
- The SEOHC developed a COVID-19 response After-Action Report (AAR)/Improvement Plan (IP) to evaluate the COVID-19 real-world response from March 2020 – December 2022.
- A new statewide bed availability and situational awareness platform was implemented and trained upon, to provide better situational awareness throughout the State among all hospitals.
- The SE/SEC region hospitals participated in monthly communication drills to test interoperability of communication and situational awareness platforms. Including nine (9) morning and eight (8) evening drills.
 - Four of the drills were no-notice drills and included a surge team conference call. The region had a 91% compliance rating.
- The SEOHC members had an opportunity to participate in nine (9) communication drills during the grant period by receiving TENS notifications and logging into COHDIMS to update their situation report and contact information.

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- Zone 2 transitioned to the Sort Access Life Threatening Injuries, Treat/Transport (SALT) Triage process, and COTS provided virtual trainings and resources to all zone 2 Emergency Medical Service (EMS) and hospitals to assist with implementation.
- The RHC worked with Region V for Kids Great Lakes Pediatric Consortium for Disaster Response to present a virtual conference on emergent care and behavioral health first aid in pediatric patients. The education and resources were tailored but not limited to focus on rural areas and critical access hospitals in the SE/SEC region.
 - There was a total of 78 participants from various hospitals and departments.
- Five (5) LHCCs, representing nine (9) counties, met at least four times during the twelve-month grant period with most meeting bimonthly or quarterly. The five (5) other healthcare coalitions representing 11 counties held at least two meetings to meet the grant deliverables for meeting facilitation requirements.
 - Some coalitions returned to in-person meetings, while others maintained virtual meeting options. The flexibility to meet virtually, with the option to return to back-in-person meetings, has allowed coalitions to determine what works best for their members and communities.
 - Memorandum of Understandings (MOUs) with a total of 188 local members signing, and 108 established or renewed MOUs in FY2022-2023.
 - Following the FY2022-2023 Full Scale Exercise, all agencies receiving Telephone Emergency Notification System (TENS) alerts were contacted to ensure the appropriate staff members were being contacted.
- SEOHC Full-Scale Exercise
 - The COTS Training and Exercise Planner designed, conducted, and evaluated a full-scale exercise for the SEOHC. The full-scale exercise scenario included a bleacher collapse at a local Spring Extravaganza causing multiple injuries.
 - A total of 423 participants from 17 hospitals, two (2) Free-Standing Emergency Departments, and 61 agencies participated in the FSE.
- The Decon Subcommittee met three times this grant year to share information, lessons learned, and expand knowledge related to healthcare Decontamination.
 - The group is working on the development of a decon team best practice and resource document.
- The SE/SEC Safety and Security Subcommittee (S4) met in September, December, and March to share information, lessons learned, expand knowledge, and network. At the March meeting it was discussed and unambiguously determined that the group would merge with the Central Region Safety and Security Subcommittee as both regions are similar in hospital make-up and scope of committee work. The first combined meeting took place on January 18, 2023. On October 19, 2022, the Regional Weapons Carry Guidelines were revised due to Senate Bill 215 and approved. Training & Education sessions: August 17, 2022, Cultural Diversity and Inclusion with an IDEA Panel Discussion from Nationwide Children's Hospital and Mount Carmel Health System. May 17, 2023, Pink Slip Intervention/Psychiatric Holds discussion from Columbus Division of Police, Trinity Behavioral Health Unit, Nationwide Children's Hospital, and OhioHealth Riverside Methodist Hospital.

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Information Sharing and HIL Response

- The COTS HIL received a total of 345 pages/request for information in the FY2022-2023 grant year.
- **Winter Storm Elliott** – In December 2022, severe winter weather hit our region with extreme cold, snow, and high winds. The RHC shared information regarding weather briefings, warming shelter locations, and facility situation reports with all SE/SEC region hospitals and SEOHC members through the local healthcare coalition leads for situational awareness. Bed availability was collected daily from hospitals along with a detailed situation report for any facility impacts.
- **Blood Supply Shortage** – National shortages of blood supply continued to affect the zone in October 2022 when OhioHealth was in need of O blood units. With the process implemented in the previous year, the COTS HIL was able to send a request out to all blood banks in Zone 2 requesting assistance with blood supply via a spreadsheet created on COHDIMS. Hospitals updated their available blood supply, and a call was hosted to discuss blood product movement.
- **Pediatric Surge** – Beginning in November 2022, hospitals were seeing an increase in Pediatric patients with respiratory symptoms. Zone 2 hosted two educational sessions with leaders from Nationwide Children’s Hospital to discuss pediatric respiratory illnesses and treatment methods. To assist with the surge the COTS HIL re-implemented weekly surge team calls to discuss pediatric surge challenges and Nationwide Children’s Hospital provided updates on their status. Daily bed availability and situation reports were collected; and two situational awareness questions were added to the hospital’s daily situation report in COHDIMS to assist with identifying where challenges with pediatric patients were including: How many pediatric patients is your hospital have admitted? How many pediatric patients are in your emergency department?
- **Cyber Attack** – A SE/SEC region hospital experienced a cyber breach in October 2022. The RHC worked with the hospital to share the Cyber Event checklist and subject matter expert contacts. Information was not fully distributed to the region as the incident was considered sensitive information, but rather the SE/SEC region hospital provided updates daily regarding the situation for situational awareness should another facility experience a similar issue.
- **Measles and Infectious Disease** – A measles outbreak in Franklin County started in November 2022, and in efforts to get information out to all of the Zone the COTS HIL hosted an education session for all Zone 2 partners and assisted Nationwide Children’s Hospital with gathering contact information for all public health agencies in the Zone.

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Trainings Conducted

Sponsor Agency (Jurisdiction/region)	Number of Participants	Method (Webinar, Conference, Seminar, Workshop)	Training Name	Training Date (MM/DD/YY YY)	HPP Capabilities	Gaps or Corrective Actions Addressed
SFY 2023						
Region V for Kids	Unknown	Virtual Webinar	Refining Pediatric Telehealth Capability: A Demonstration to Leverage the Use of Technology During Disaster Response	7/14/2022	1,2,3,4	Response to pediatric disasters
Western Regional Alliance for Pediatric Emergency Management	Unknown	Virtual Webinar	WRAP-EM HCC Radiation Surge Annex Workshop	7/19/2022	1,2,3,4	Review and assistance in development of radiation surge annex
National Highway Traffic Safety Admin and Substance Abuse and Mental Health Services Admin	Unknown	Virtual Webinar	988 and EMS Working Together to Improve Mental Health Crisis Response	7/21/2022	2	Discuss challenges and successes for crisis response and opportunities for collaboration between 988 and EMS
ODH	20	Virtual Webinar	BP4 ODH Integrated Preparedness Planning Workshop for RPHCs and RHCs	7/26/2022	1	For ODH to ensure RHCs and RPHCs understand expectations
COTS	8	Virtual Workshop	SE/SEC Bootcamp	8/2/2022	1	Hospitals need trained Points of Contact (POC) who understand their role and responsibilities for both the ASPR grant and HCC
Region V for Kids	Unknown	Virtual Workshop	Pediatric Medical Operations Coordination Cell (PMOCC): A PMOCC and Pediatric Surge Workshop	8/9/2022	1, 4	Pediatric Surge Annex briefings, annex best practice recommendations, and PMOCC orientation to consider PMOCC implementation in Ohio

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SEC Regional Public Health	15	Virtual Workshop	SEC Regional IPPW	8/26/2022	1	Grant requirement – no gap or corrective action identified
ODH	21	Virtual Webinar	Subrecipient HCC (HPP 1.1) Deliverable Webinar	9/8/2022	1	Annual training provided by ODH to understand how to complete the IPP.
SE Regional Public Health	15	Virtual Workshop	SE Regional IPPW	9/15/2022	1	Grant requirement – no gap or corrective action identified
COTS	10	Seminar	Radiation Injury Treatment Network Introduction	9/29/2022	1	Educate and train on preparedness and response gaps
COTS	10	Virtual Workshop	SEOHC Full Scale Exercise Initial Planning Meeting	9/30/2022	1	Identify specific local and regional needs to be addressed in the exercise
COTS	0	Virtual Workshop	COTS Liaison Training	10/13/2022	1, 2, 3	SME level training on communication systems to ensure hospital personnel are ready to assist their Hospital Command Center (HCC)
Nationwide Childrens Hospital	Unknown	Webinar	State of Ohio Pediatric EMS Guidelines and Procedures Manual Webinar	10/20/2022	1, 4	Educate and train on preparedness and response gaps, respond to a pediatric surge
Region V for Kids	Unknown	Webinar	Securing Resources During a Disaster: A Pediatric Dashboard Orientation and Test Drive	10/25/2022	2	Utilize Information Sharing Procedures and Platforms
ODH	20	Webinar	ODH-HCC Radiation TTX Mid Planning Meeting	11/1/2022	1	Required HSEEP step – no gap or corrective action applicable
COTS	4	Seminar	OHTrac Administrator Training	11/3/2022	2	Biannual training to practice using OHTrac and checking the users in the system.

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COTS/SCO RPHC	35	Seminar and Workshop	Radiological Incidents: A Healthcare & Public Health Introduction	11/8/2022	1	Train on identified preparedness and response gaps
COTS	20	Virtual Workshop	OHTrac User Training	11/9/2022	2	Utilize information sharing platforms
ODH	35	Seminar and Workshop	Radiological Incidents: A Healthcare & Public Health Introduction	11/17/2022	1	Train on identified preparedness and response gaps
COTS	20	Virtual Workshop	SEOHC FSE Mid Planning Meeting	11/18/2022	1	Required HSEEP step – no gap or corrective action applicable
COTS	3	Virtual Workshop	COTS Liaison Training	12/1/2022	1, 2, 3	SME level training on communication systems to ensure hospital personnel are ready to assist their Hospital Command Center (HCC)
ODH	35	Seminar and Workshop	Radiological Incidents: A Healthcare & Public Health Introduction	1/17/2023	4	Introduction to assist public health and hospitals as part of their Radiological Surge Plan resources.
CEN/SE/SEC Safety & Security Subcommittee	10	Seminar	Pink Slip Interventions-Safety and Liability	5/17/2023	3	Quarterly Safety and Security Training.
OSU Wexner Medical Center	Self-Paced	Seminar	SALT Mass Casualty Triage Educational Presentation	Self-paced on the COTS Website	4	The CEN/SE/SEC regions EMS and hospitals/FSEDs education on the SALT triage process. This is the adopted method to triage in Zone 2.
COTS	100+	Seminar	EMResource Training	02/08/2023	2	Course developed to train hospitals/FSEDs on the new bed reporting/event statewide platform.
COTS	5	Seminar	OHTrac Administrator Training	03/09/2023	2	Biannual training to practice using OHTrac and checking the users in the system.

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COTS	0	Workshop	COTS Liaison Officer Position Training	3/8/2023	2	Course developed after the 2018 FSE. Best practice to have a trained COTS Liaison position in the HICS structure.
COTS	12	Seminar	OHTrac User Training	3/15/2023	2	Biannual training to practice using OHTrac by adding and editing patients and locating patients in the system.
COTS	25	Workshop	Disaster Management Emergency Preparedness (DMEP)	4/18/2023	1	HICS training for key leaders. Education on emergency preparedness. Gaps in knowledge caused by staff turnover
COTS	1	Workshop	COTS Liaison Officer Position Training	6/22/2023	2	Course developed after the 2018 FSE. Best practice to have a trained COTS Liaison position in the HICS structure.

Exercises Conducted

Sponsor Agency (Jurisdiction/region)	Number of Participants	Drill Type (i.e. Drill, TTX, FE, FSE)	Exercise Name	Training Date (MM/DD/YYYY)	HPP Capabilities	Gaps or Corrective Actions Addressed
SFY 2023						
Ohio Department of Health (ODH)	150	Drill	Quarterly MARCS Drill	7/7/2022	2,3	Ensure hospitals and ODH can communicate during incidents and events.
Emergency Management Institute	Unknown	Virtual Tabletop Exercise	Virtual Tabletop Exercise – Public Health Burn Mass Casualty Incident	8/9/2022	4	Review of Burn Mass Casualty procedures, coordination of operations

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COTS	17	Drill	Point of Distribution (POD) Notification Drill	8/17/2022 8/24/2022	2	Use of required interoperable and redundant communications and affirmative response to notifications.
Hocking County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	8/23/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages
Pike County General Health District	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	9/12/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages
COTS	100+	Drill	Quarterly No-Notice Event Communication Drill and Surge Call	9/19/22	1	Ensure hospital and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
Gallia County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	9/23/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages
Athens County Health Department	25	Tabletop Exercise	Once Upon a Cold and Wintery Night...	9/26/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages

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COTS	17	Drill	Point of Distribution (POD) Notification Drill	10/17/2022	2	Use of required interoperable and redundant communications and affirmative response to notifications.
Scioto County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	10/4/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages
ODH	100+	Drill	Quarterly MARCS radio check	10/6/2022	2,3	Ensure hospitals and ODH can communicate during incidents and events.
Ross County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	10/12/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages
Vinton County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	10/14/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages
Jackson County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	10/19/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages

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COTS	100+	Drill	Monthly Communication Drill and Bed Tracking	10/20/2022	1	Ensure hospital and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
COTS	25	Drill	Medical Countermeasures (MCM) and SNS Drill	11/1/2022	2, 3	Ensure hospitals can respond to the notification and properly complete the 213RR
COTS	25	Drill	OHTrac User Drill	11/9/2022	2	Practice in using OHTrac and ensuring users are in the system
Lawrence County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	11/10/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages
COTS	100+	Drill	Quarterly No-Notice Event Communication Drill and Surge Call	11/10/2022	1	Ensure hospital and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
Meigs County Public Health Dept	20+	Tabletop Exercise	Once Upon a Cold and Wintery Night...	11/16/2022	2	County level response coordination to a winter event causing prolonged and extensive power outages

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ODH	29	Drill	MARCS Drill	1/5/2023	2	State requirement for ASPR FY 2018 grant. These are conducted the first Thursday of each month on a quarterly basis between 9am – 11am. COTS Conducts the FSED MARCS checks from 10am-11am. 100% Compliance
COTS	100+	Drill	Monthly Communication Drills	01/19/2023	2	Ensure hospitals and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
COTS	100+	Drill	Non-Hospital Monthly Communication Drills (Only)	02/09/2023	2	Ensure non- hospitals partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
COTS	100+	Drill	EMResource Communication Drill	02/10/2023	2	Ensure hospitals and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
ODH	Unknown	TTX	Radiological Surge TTX	02/17/2023	4	Grant deliverable to strengthen Radiological Surge planning and response
OEMA	Unknown	TTX	Statewide Eclipse TTX	02/28/2023	2	Real world planning for the statewide eclipse happening on April 8, 2024
COTS	100+	Drill	Quarterly No-Notice Event Communication Drill and Surge Call	03/01/2023	2	Ensure hospital and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
COTS	10+	Drill	OHTrac Administrator	03/09/2023	2	Biannual training to practice using OHTrac and checking the users in the system.
COTS	10+	Drill	OHTrac User Drill	03/15/2023	2	Biannual training to practice using OHTrac and

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						checking the users in the system.
COTS	100+	Drill	Monthly Communication Drills	04/04/2023	2	Ensure hospitals and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
Blood Banks Zone 2	40+	Drill	Monthly Blood Bank Drill	04/05/2023	4	Hospital blood banks log into EMResource and update blood product supply once receiving the TENS alert.
COTS	100+	Monthly Communication Drills	2	5/18/2023	2	hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events.
Blood Banks Zone 2	40+	Drill	Monthly Blood Bank Drill	06/07/2023	4	Hospital blood banks log into EMResource and update blood product supply once receiving the TENS alert.
COTS	100+	Drill	Monthly Communication Drills	06/07/2023	2	Ensure hospitals and non-hospital partners can use the interoperable communications systems for sharing situational awareness during incidents and events. Combined with the RHEP Operation Falling Timbers FSE.
ODH	1	Drill	RHC 24/7 Drill. Bi-Annual	10/17/2022 5/31/2023	2	An ODH Grant Requirement Regional Health Care Coordinator receives notification from ODH via HIL pager. This is to drill how COTS is contacted in case of statewide emergency/disaster.