



Kentucky National Guard

Relevancy in an Era of Continuous Transformation



VMAPP Committee Meeting
October 21, 2026
Major General Haldane Lamberton
The Adjutant General
Kentucky National Guard



Agenda

- KYNG Deployments
 - 1-149th Infantry (Mountain Warriors)
 - 201st Engineer Battalion (TF Essayons)
- WHFRTC Multi-Purpose Machine Gun Range (MPMG)
- Cyber Bluegrass 2026



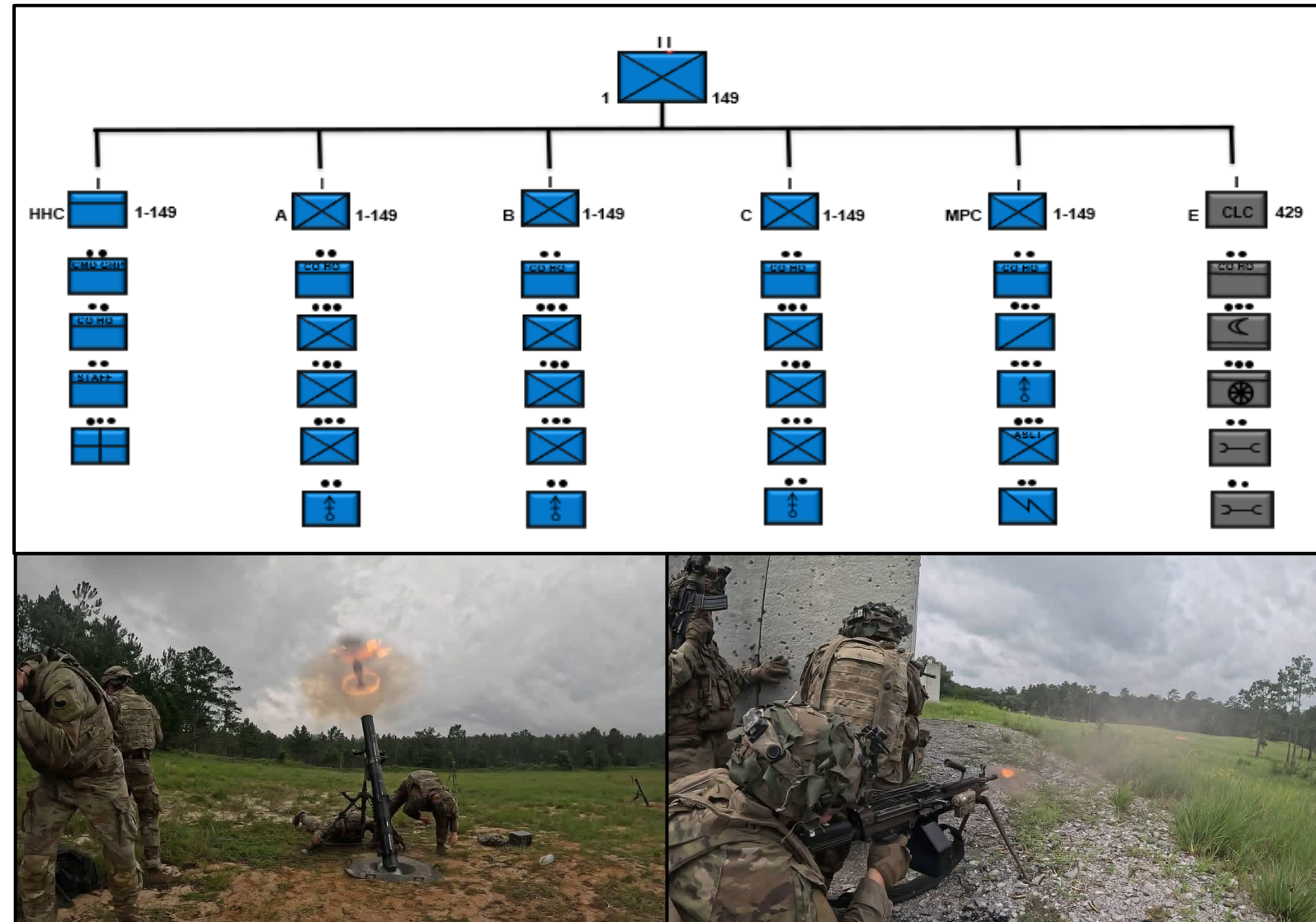
1st Battalion, 149th Infantry Regiment
116th Mobile Brigade Combat Team (MBCT)
29th Infantry Division



Current Operations
Information Brief

MBCT Infantry Battalion Task Organization

- (U) The Infantry battalion within the Mobile Brigade Combat Team (MBCT) can deploy rapidly and can be sustained by an austere support structure such as a CLC. It conducts operations against conventional and irregular enemy forces in all types of terrain and climate conditions.
- (U) The MBCT is an integral component in the Army's transformation, designed to be lighter, more lethal, and highly mobile force.
- (U) The transformation of the Infantry battalion from an Infantry brigade to an MBCT involves a deliberate restructuring of battalion staff and companies to align with the new mission requirements and capabilities.
- (U) The battalion's scout, assault, and mortar platoons were realigned from the HHC to the MPC with an organic company HQ.



Soldiers from 1-149th conducting PLT LFX training at JRTC rotation 26-08

Transformation in Contact (TiC) 2.0

- (U) 1-149th Infantry Battalion, as a part of the 116th MBCT received cutting edge technology on the same fielding timeline as active-duty counterpart brigades.
- (U) Key fielding components for TiC 2.0 include the Infantry Squad Vehicle 9 (ISV-9), Short Range Reconnaissance (SRR) drones, and counter-SUAS technology.
- (U) Future fielding initiatives include new night vision devices, Next Generation Squad Weapons (NGSW), and communication devices.
- (U) The 116th MBCT successfully validated the MBCT task organization in June 2026 at the Joint Readiness Training Center (JRTC), a training venue of national significance, as the only National Guard Brigade to complete Combat Training Center (CTC) in fiscal year 2026.



Teal 2 sUAS



ATAK EUD



Newly fielded ISV-9



Small-Multipurpose Equipment Transport (SMET)

The Multi-Purpose Company

- (U) The Multipurpose Company is a newly designed, tech-heavy formation that integrates scouts, mortars, anti-tank teams, and human-machine integration (HMI) specialists into a single unit. ***Its goal is to allow robots and drones to make initial contact with the enemy***, shortening the sensor-to-shooter timeline from minutes to seconds and preserving human life.
- (U) Under the U.S. Army's Transforming in Contact (TiC) initiative, the Multipurpose Company (MPC) ***represents a radical shift in how infantry and armored brigades organize for lethality***. It moves away from rigid, specialized silos and toward a "fused" formation capable of sensing and striking simultaneously at the lowest tactical levels.
- (U) By putting mortar sections and drone operators in the same company, a drone can identify a target via AI-driven object detection and pass the coordinates directly to a mortar or loitering munition team for a strike in under 60 seconds.

Mortar Team



Stinger Missile Team



Javelin Anti-Tank Missile



Loitering Munition

201st Engineer Battalion (Task Force Essayons) Deployment to CENTCOM

Deployment Period: May 2026-Present; In Theater July 2026-Present

Supported Organization: Task Force Castle (111th Theater Engineer Brigade);
Task Force

Spartan; ARCENT

Battalion Mission: Conduct horizontal and vertical construction tasks to establish and maintain the infrastructure required sustain activities across the range of military operations in CENTCOM

Task Org:

Headquarters Company (Ashland, KY, National Guard)

Forward Support Company (Ashland, KY, National Guard)

279th Engineer Utilities Detachment (Weldon Spring, MO, Army Reserves)

615th Engineer Construction Company (Fort Carson, CO, Active Duty)

756th Engineer Construction Company (Puerto Rico, Army Reserves)



201st Engineer Battalion (Task Force Essayons) Deployment to CENTCOM

Operational Environment: Distributed operations across 13 locations throughout four countries

Impact: The battalion rapidly integrated into theater and is delivering responsive engineer support across the Area of Operations. TF Essayons provides Command and Control of engineer support throughout the Area of Operations. The Battalion's missions have increased survivability of critical Air Defense Artillery assets in the region, improved quality of life, and increased operational readiness and force protection



Task Force Essayons Operations

Key Capabilities: Construction Management, Heavy Construction Equipment Operation, Carpentry, Masonry, Plumbing, Electrical, Surveying, Maintenance

1. **Force Protection** - Improvement of adjacent units fighting positions. Emplacement of HESCO barriers, installation of T-Wall barriers and C-channel bunkers
2. **Survivability**- Digging in fighting positions (personnel and vehicle), constructing ADA sites
3. **Base Camp Support**- Constructing semi-permanent and temporary structures, command posts and Soldier billeting
4. **Surveying**- Collecting terrain, infrastructure, and utility data to determine project requirements and site layout
5. **Vertical Construction**- Structural masonry, concrete pad pouring, framing and pre-fabricated roofing for company & battalion level command posts
6. **Water & Plumbing**- Rapid repair of water supply, sewage, & pipe infrastructure in base camps
7. **Power Generation**- Basic installation and maintenance of field electrical systems, tactical generators, and more



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MULTI-PURPOSE MACHINE GUN RANGE CAPABILITIES

MPMG Range Project Overview

- At completion, more than 1.3 million cubic yards of dirt were moved to create a rough grade of negative 2% slope to the final berms at 1,500 meters.
- There are 5 firing lanes (3 lanes can fire up to 1,500 meters, and 2 lanes up to 800 meters)
- Each lane is designed for combat arms, combat support, and sustainment units to train and qualify on light, medium, heavy, and/or grenade machine guns, as well as long-range rifle and sniper systems.
- Target system types will include stationary and moving infantry and armor targets.
- **MPMG Range Operations Control Area (ROCA) will include:** range control tower, ammunition breakdown building, operations/storage building, classroom building, covered mess area, bleacher enclosure, and aerated vault latrine.

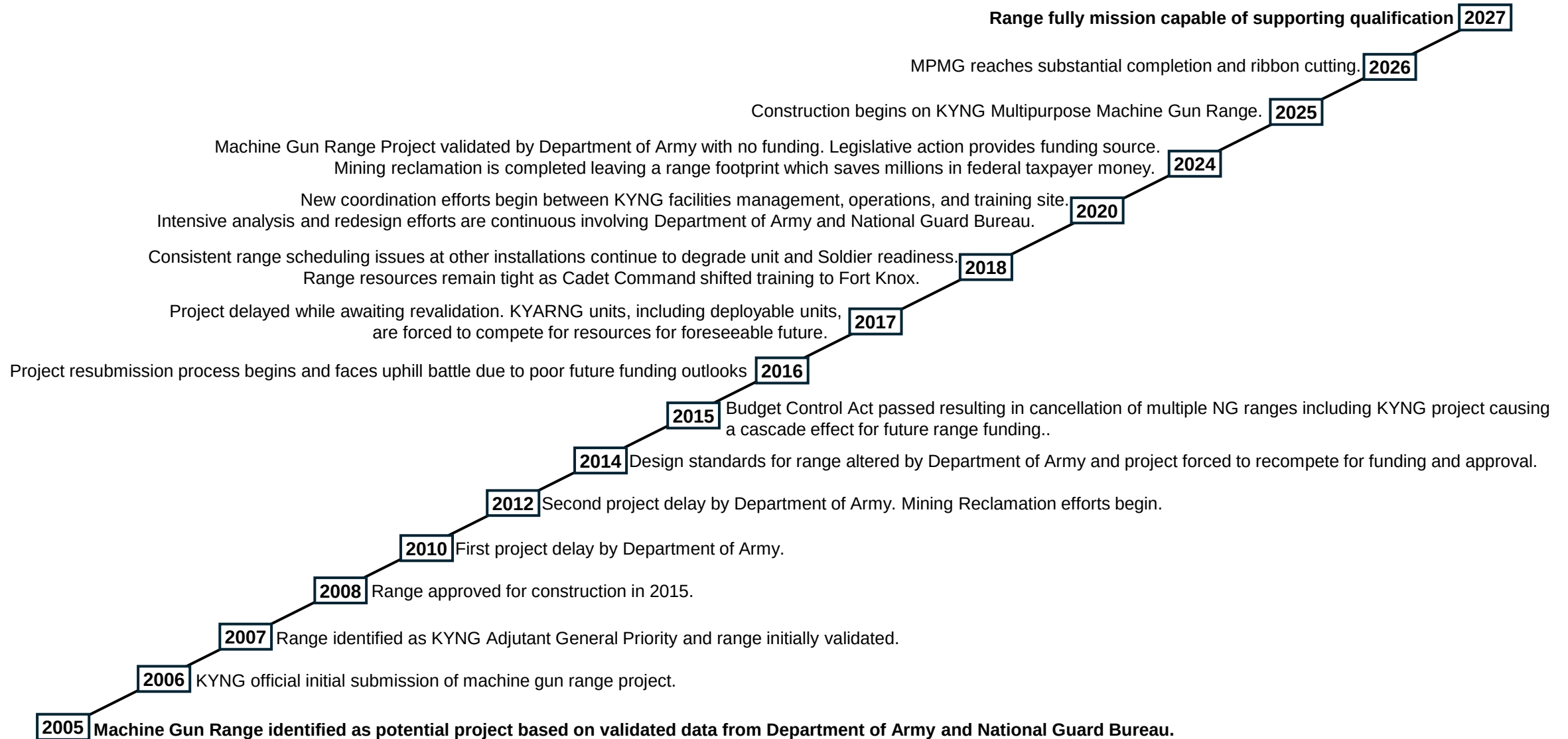


WHFRTC Weapons Training Capabilities

BEFORE	AFTER
- Individual Qualification Rifle/Pistol	- M2A1 (.50 caliber)
- Shotgun	- M249 (crew) (5.56mm)
- M249 (Individual)	- M240B (7.62mm)
- Grenade launcher	- MK19 (40mm grenades)
- Live hand grenades	- Light sniper systems qualification
- Demolitions	- 6.8 rifle and next generation squad 6.8 round
- Claymore	- M2010 (.300 Win Mag)
- Limited Crew Served Weapon support – M240B and M2 for basic machine gun target zero and Table 1	- Table 2 ground live fire, UH-60 door gunner
- Limited Virtual Training	- Distance capability up to 1500m
- Distance capability up to 400m	- Targetry from 100-1500m, with automated/wired real-time feedback

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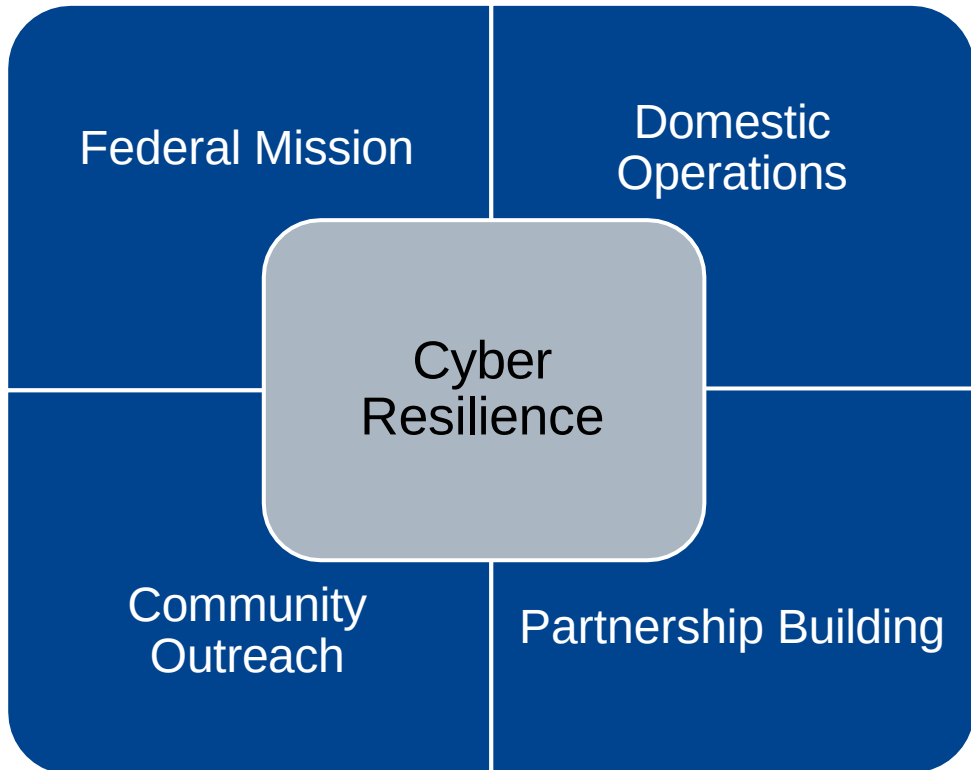
MACHINE GUN RANGE TIMELINE





Kentucky National Guard Cyber Resilience Initiative

The Kentucky National Guard Cyber Resilience Initiative (KYNG-CRI) builds trust, cyber resiliency, and shared cyber capabilities and knowledge across public and private sectors through operating along four lines of effort:



"Together We Secure Kentucky"

- **Partnership & Community Centered:** Partnership building and community engagement remain the program's largest areas of focus. We have successfully completed 477 total engagements from 2024–2026, successfully maintaining our strong, trusted relationships across the entire enterprise.
- **Rapid Expansion of KY-CRI:** KY-CRI engagements continue to experience outstanding growth as the program expands. As of 1 October 2026, the program has successfully completed cyber hygiene assessments on 34 networks, conducted 2 incident responses, and executed 1 highly critical penetration test.
- **Explosive Growth in Technical Assessments:** Network Assessments have emerged as a premier success story, on track to reach a projected 36 completed assessments by the end of 2026—marking an exceptional 414% year-over-year expansion in technical verification capabilities.





Cyber Bluegrass

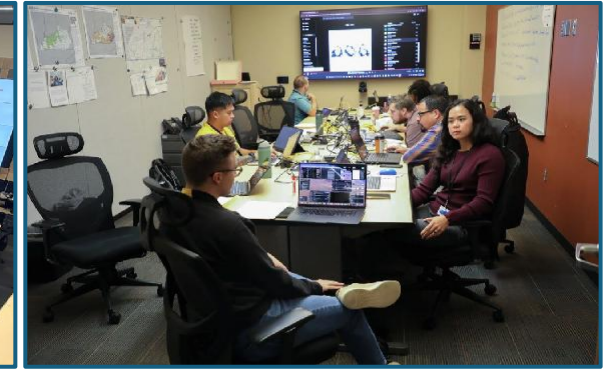


• Mission

- Cyber Bluegrass fortifies the security of the Commonwealth by preparing Kentucky's cyber defenders to protect and defend our state's critical infrastructure against its greatest threats. Through immersive, hands-on training and by strengthening partnerships between local industry, government, and communities, we enhance Kentucky's cyber resilience and build a premier defensive force.

October 27-29, 2026– Boone National Guard Center, KY, Murray State University Campus, and University of Louisville School of Engineering.

- Training: Training is available October 19-23
 - Topic: Incident Response & Assessment, Log Analysis and Threat Hunting, Operational Technology Fundamentals, Cyber Tools Training
- Cyber Summit (Optional): October 24
 - 15-30 min. briefings from industry experts, military leaders, and technology vendors on cybersecurity topics plus networking opportunities
- Distinguished Visitors Day: October 28
 - Media Round Table
 - Legislative Engagement Session (by Invite Only)
- Lead Organizations: Murray State University, The University of Louisville, University of Kentucky, Defense Advanced Research Agency, Kentucky Office of Homeland Security, & KYNG
- **The goal of Cyber Bluegrass is to leverage** partners and resources across multiple public and private entities to establish a framework for cyber related disaster preparedness and response across FEMA Region 4 through building trust, cyber resiliency, and shared cyber capabilities and knowledge.
- Visit <https://kycrri.gov> for registration information.



2025 Exercise Snapshot



85 participants



9 states



36 Agencies/Companies



44 DVs



2 Locations



Army and Air Force