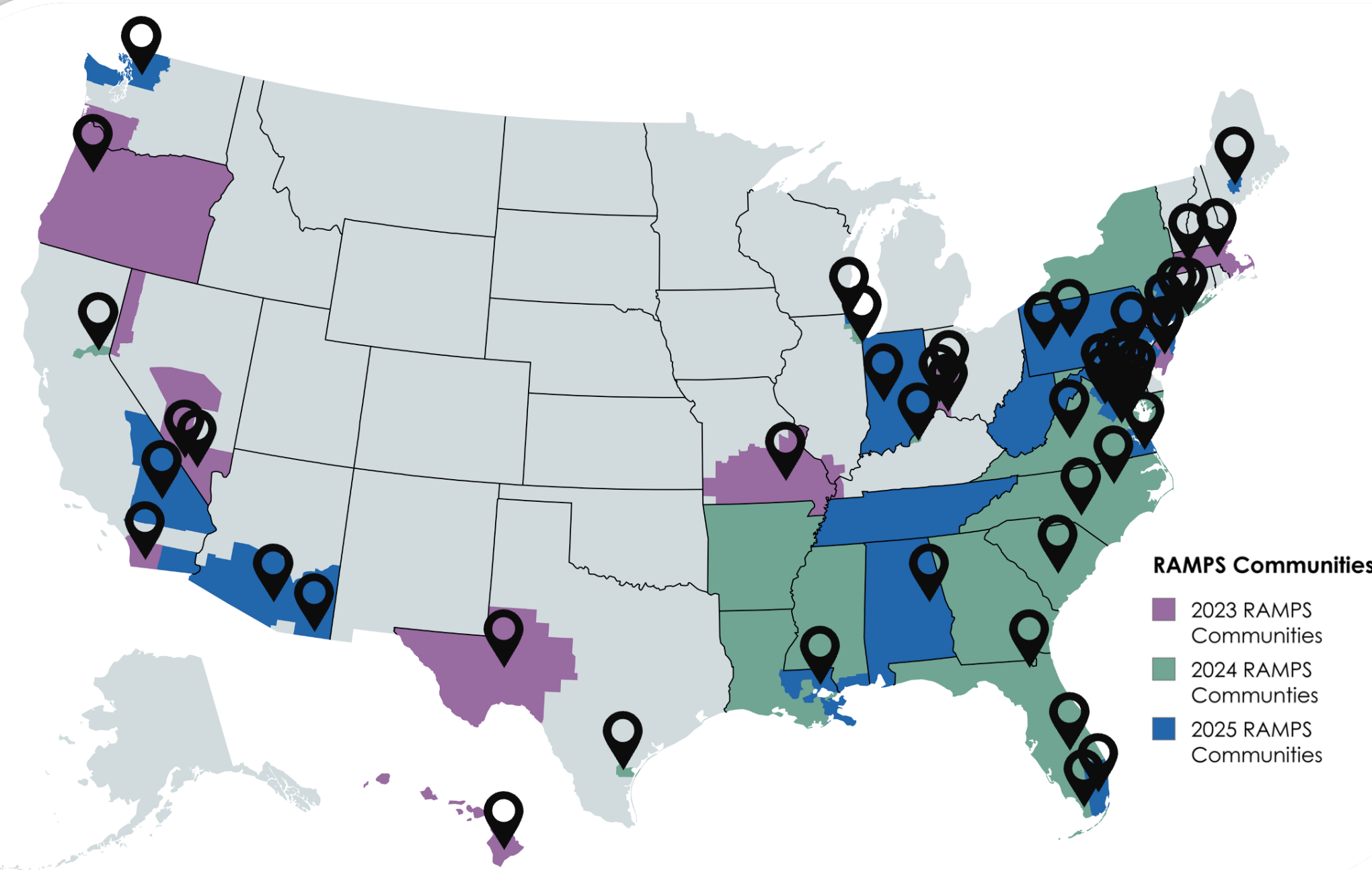




regional alliances and
multistakeholder partnerships

RAMPS | Stimulating Local Cybersecurity Job Growth through Partnerships

NICE Program Office, Applied Cybersecurity Division, Information Technology Laboratory, NIST



This photo showcases the 50 RAMPS programs across the United States.

What is the RAMPS Program?

The **Regional Alliances and Multistakeholder Partnerships to Stimulate (RAMPS) Cybersecurity Education and Workforce Development (RAMPS Program)** builds ecosystem partnerships among employers, schools and institutions of higher education, and other community organizations. RAMPS communities align the workforce needs of local business and non-profit organizations with the learning objectives of education and training providers conforming to the NICE Framework to form a pipeline of students pursuing cybersecurity careers, to upskill Americans and move them into middle class jobs in cybersecurity, to support local economic development, and to stimulate job growth.

RAMPS Communities engage the community and students with tools like CyberSeek.org and resources such as the NICE Framework. These tools help career seekers understand the cybersecurity career landscape and develop skills.

We are motivated by the need — we know the United States needs a tech-savvy workforce. RAMPS is helping to bridge this gap!

Why Does it Matter?

There is an undeniable need to strengthen cybersecurity capabilities across the U.S. A one-size-fits-all approach does not effectively meet the broad variety of employer cybersecurity workforce demands, considering the wide range of organization sizes, sectors, and scopes. RAMPS helps by focusing on talent needs specific to local and regional areas and brings together local industry, educational organizations, and economic development entities so that communities can develop a skilled workforce, grow their economy, and protect against risks in cyberspace.

For additional information and resources on cybersecurity workforce demand, explore the [Cybersecurity Workforce Demand One Pager](#) and [CyberSeek.org](#).



This photo showcases the Ohio Cyber Range Institute 2024 Cybersecurity Summer Camp.



This photo showcases Howard Community College - Central Maryland Cyber Regional Alliance program's first cohort of interns.

Stakeholders

A RAMPS community can be led by a wide range of organizations, including:

- ❖ Colleges or universities
- ❖ Training providers
- ❖ Workforce development boards
- ❖ And more

Each community can include a multistakeholder workforce partnership made up of:

- ❖ Education and Training Providers
- ❖ Employers (including Critical Infrastructure Partners)
- ❖ Community-Based Organizations
- ❖ K-12 Schools
- ❖ Certification and Training Organizations
- ❖ State and Local Government
- ❖ Economic Development Partners

What resources are there?

[NIST Interagency Report \(NISTIR\) 8287: A Roadmap for Successful Regional Alliances and Multistakeholder Partnerships to Build the Cybersecurity Workforce](#) was published to provide a summary of the initial five pilot RAMPS communities.

Collaboration is a RAMPS cornerstone. By strategically partnering with educational institutions, corporate entities, and community organizations, RAMPS strengthens the impact of their initiatives and creates a robust support ecosystem for those pursuing careers in cybersecurity.



This photo showcases the RAMPS Workshop at the 2025 NICE Conference and Expo in Denver, CO.

The Future of RAMPS Communities

The RAMPS Program is supported by NIST funding via cooperative agreements. RAMPS communities exist across 25 states in the U.S., and the NICE Program Office aims to continue to grow the Program and reach stakeholders in all 50 states.

Sustainability of efforts is a key program component. Future work may include: documenting best practices of successful programs, providing research on the impact of RAMPS communities, or developing a guide on how to establish RAMPS-like efforts.

Author(s)

NICE Program Office, Applied Cybersecurity Division, ITL
NICE@nist.gov | March 2026