



Homeland
Security

Office of Health Affairs

National Biosurveillance Integration Center



Advancing the Safety, Security, and Resilience of the Nation

The United States is confronted by an array of biological threats from natural, accidental, or deliberate origins that could cause tragic loss of human life, severe economic damage, and significant harm to critical infrastructure and key resources. To address these threats, the United States has numerous biosurveillance capabilities that monitor human, plant, and animal health, as well as the food and environmental domains. These capabilities are distributed across the public and private sectors. The National Biosurveillance Integration Center (NBIC) has the responsibility to integrate, analyze, and share the nation's biosurveillance information provided from these distributed capabilities. The integration of information enables early warning and shared situational awareness of biological events so that critical decisions directing response and recovery efforts are well-informed and, ultimately, save lives.

Collaboration with the Biosurveillance Community

To accomplish its biosurveillance mission, NBIC relies on a coalition of federal, state, and local government entities and private sector stakeholders. The NBIC coordinates with these groups to enhance the federal government's capability to integrate and share key biosurveillance information to support decision makers.

Strategic Vision

Advance the safety, security, and resilience of the Nation by leading an integrated biosurveillance effort that facilitates early warning and shared situational awareness of biological events.

Tools for Success

NBIC utilizes a unique information gathering and analysis system known as the Biosurveillance Common Operating Network (BCON), which ingests from over 24,000 sources and analyzes those sources against a taxonomy of over 8,000 words and phrases associated with potential biological events. Information collected by BCON includes open source media, technical information reporting systems, interagency partner input, and specialized portals. Using the integrated and analyzed information assembled by BCON, NBIC develops and shares biosurveillance products with federal, state, and local government officials to provide shared situational awareness of current biological events, trends, and their potential impacts on national homeland security.

Innovation for the Future

Through pilot projects, NBIC is evaluating opportunities to identify and use novel data sets and information, advanced analytic approaches and tools, and improved methods of collaboration. The pilot projects seek to serve not only NBIC's ability to accomplish its mission, but equally important, the ability of these pilots to serve the needs of the biosurveillance community.

For more information, please contact NBICOHA@hq.dhs.gov or visit <https://www.dhs.gov/national-biosurveillance-integration-center>