

State Homeland Security Strategy

West Virginia

Status: Submitted to FEMA

Section 1 > Introduction

Purpose

The West Virginia Homeland Security Strategy serves to articulate the mission and enhance the operational effectiveness of homeland security programs and activities. This strategy identifies the goals and objectives by which grant funding is solicited and allocated, and by which performance is measured. All homeland security grant funding must be spent in support of this Strategy; however, this is more than just a document to guide the use of grant funding. Rather, this Strategy will serve as a road map to the future and a focal point for implementing homeland security policies, priorities, and programs across the State.

Vision

A strong, secure, and resilient West Virginia

Focus

The West Virginia Homeland Security Strategy is a living document that will be revised as needed to guide statewide efforts. It provides a common framework by which West Virginia should focus its efforts on the following five core mission areas:

- Prevention: Prevent acts of terrorism and other human-caused events through information-sharing and counter-terrorism investigations and operations
- Protection: Protect the people of West Virginia, our critical infrastructure, and our key resources using a comprehensive risk management approach
- Mitigation: Reduce the loss of life and property by lessening the impact of future disasters through coordinated mitigation efforts
- Response: Respond quickly to save lives, reduce suffering, protect property, meet basic human needs, and mitigate further harm after an event
- Recovery: Restore essential services in a timely manner after disasters, while also strengthening and revitalizing infrastructure and other systems in communities impacted by these incidents in order to build back better than before



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Coordination

Homeland security is an ongoing mission and a shared responsibility across the state. This is a statewide strategy and not a strategy for any single agency or any single level of government. There are many public and private sector stakeholders that influence the homeland security enterprise; all stakeholders must work to implement the strategy by building and maintaining the necessary capabilities to meet the homeland security challenges facing West Virginia. Although the strategy is intended to help guide state and local homeland security planning, it is understood that many agencies and jurisdictions have unique needs and separate planning initiatives. The West Virginia Homeland Security Strategy seeks to complement and support those efforts by providing additional guidance and perspective.

The state maintains a Senior Advisory Committee to oversee the coordination of homeland security initiatives and to facilitate congruency among federal preparedness and other funding. Numerous public and private agencies participate in the annual Threat and Hazard Identification and Risk Assessment (THIRA) and the State Preparedness Report to review and maintain the state strategy.

Effort

A sound homeland security strategy requires the involvement of all levels of government, interaction with the private sector, and the support of the public. The West Virginia Homeland Security Strategy will be implemented and maintained through a coalition of stakeholders. Through education and outreach, homeland security expertise and capabilities can be built across all disciplines to serve as an indispensable resource for West Virginia. A successful strategy will provide citizens the tools needed to protect and support themselves and their neighbors during and after any type of incident.

Throughout the development of this homeland security strategy, the concepts that homeland security is a substantial and continuous effort and is a shared responsibility have remained paramount. This strategy is built on the interaction of government, the private and non-profit sectors, communities, and individual citizens who all play a role in protecting and defending West Virginia.

Homeland security is a complex enterprise and the availability of resources is constrained. The West Virginia Homeland Security Strategy relies on the use of qualitative and quantitative risk assessments to guide resource decisions. These resources will be targeted at the most significant threats, vulnerabilities, and potential consequences.



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Description of Jurisdictions

The State of West Virginia consists of approximately 233 cities and towns and is divided into 55 counties. West Virginia is approximately 24,231 square miles in size and has a population of 1.8 million. Since 2006, the state's population has grown an average of 0.3 percent annually. It appears that this increase is largely due to more people moving into the state, rather than natural growth. Net migration is forecast to accelerate from a little over 2,300 people in 2011 to more than 6,000 by 2017. This influx of new residents is expected to cause the state's population to continue to grow an average of 0.3 percent every year over the next five years.

At the same time, the median age of West Virginians continues to increase. The median age of West Virginia is 41.5, which is four years above the nation's median age. West Virginia's high median age reflects an above-average proportion of population over 65. In the United States, approximately 13.3 percent of the population is over 65, while in West Virginia the age group accounts for over 16 percent. In West Virginia, the 65-and-older age cohort is expected to grow faster than younger age groups and is predicted to be near 19 percent of the population in the state by 2017, about four percentage points higher than what is expected for the nation.

The state is very hilly and rugged, with the highest mean altitude (1,500 ft) of any state east of the Mississippi River. West Virginia is the only state located entirely within the Appalachian Mountain range. West Virginia is often described as the second most rural state in the nation. More than 60 percent of the population lives in counties that the Census Bureau defines as rural.

The eastern portion of West Virginia is a ridge and valley system that is characterized by long, even ridges, with long, continuous valleys in between. The western portion of the state is located within the Allegheny Plateau known for its many ridges, hollows, and lowland valleys. Though the term "plateau" is popularly associated with level land, here it refers to a level land that has been weathered into many ridges and valleys. The Ohio River, and its major tributaries, including the Kanawha and Monongahela rivers with the water eventually reaching the Gulf of Mexico, directly drains much of West Virginia. The areas in the eastern panhandle of West Virginia are drained through the Potomac River and on into the Chesapeake Bay.

Description of Regions

The state is divided into six (6) Homeland Security Regions that were used as the jurisdictions for this strategy. Each region is comprised of a grouping of several counties. The regions include 100 percent of the population and land area of the state.



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Maps of various regional breakdowns used by homeland security stakeholders are attached to the strategy document.



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Section 2 > Goals, Objectives, and Implementation Steps

Goal: Strengthen CBRNE Preparedness and Response Capabilities

Objective 1.1 Ensure state and local HazMat response plans are updated regularly and include planning for catastrophic events that overwhelm capabilities

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

Step: 100% of counties and the state have a hazardous material annex in their EOP.

Objective 1.2 Based on capability analyses, identify, purchase, and maintain equipment for responders to safely detect, identify, and respond to CBRNE events

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

Step: 100% of critical responders have the equipment needed to respond to a CBRNE event.

Objective 1.3 Identify training shortfalls and conduct training to ensure first responders have the knowledge, skills, and abilities to recognize and safely respond to a CBRNE event

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

Step: 100% of first responders obtain necessary training to respond to a CBRNE event.



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Objective 1.4 Conduct exercises to test CBRNE plans, procedures, and response protocols

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

Step: 100% of counties participate in an exercise with a CBRNE component minimally every two years.

Objective 1.5 Enhance capacity for decontamination, both on-scene and at secondary locations (such as hospitals), including triage, medical management, antidote administration, and care of non-ambulatory and ambulatory contaminated patients

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

Step:

- Ensure that all necessary equipment is purchased
- Ensure counties include mass decontamination efforts in their CBRNE planning considerations

Objective 1.6 Maintain and support regional HazMat response capabilities in West Virginia

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

Step: Maintain at least 6 regional HazMat response teams with all necessary personnel and equipment

Objective 1.7 Develop a statewide capability to monitor and assess environmental health impacts of a CBRNE event.

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities



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Step: Develop an annex to the State Emergency Operations Plan outlining the State's approach to monitor environmental health impacts after a CBRNE event



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Goal: Protect Critical Infrastructure and Key Resources

Objective 2.1 Conduct outreach to critical infrastructure owners and operators to support protection and emergency response efforts

National Priority: Implement the NIPP

Step: DHSEM will maintain defined Points of Contact (POCs) for owners/operators of prioritized Critical Infrastructure sites in the State

Objective 2.2 Continue identifying and cataloging CIKR site information

National Priority: Implement the NIPP

Step:

- A State-Level list of CIKR is developed and maintained
- Each county maintains an inventory of critical buildings, assets, and networks within their jurisdiction

Objective 2.3 Work with local, State, and Federal agencies and private entities to conduct critical infrastructure site visits

National Priority: Implement the NIPP

Step: Complete at least 25 site visits annually in the state



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Objective 2.4 Assess and analyze threats, vulnerabilities, and consequences of critical locations through the completion of risk assessments

National Priority: Implement the NIPP

Step: Complete 10 risk assessments annually for CIKR sites that are documented, reproducible, and defensible

Objective 2.5 Implement physical security enhancements and target hardening activities to reduce identified risk at critical infrastructure locations, including emergency service and public safety facilities

National Priority: Implement the NIPP

Step: Grant funding is dedicated to physical security enhancements and target hardening activities

Objective 2.6 Promote safety and security efforts at schools and colleges in West Virginia, in conjunction with local law enforcement agencies

National Priority: Implement the NIPP

Step:

- 100% of public and private schools and colleges have a School Crisis Prevention and Response Plan in place
- Conduct training for 100% of staff in public and private schools and colleges in the implementation of their School Crisis Prevention and Response Plan



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Goal: Strengthen Intelligence and Information Sharing Capabilities

Objective 3.1 Ensure the West Virginia Intelligence Fusion Center meets baseline capabilities for fusion centers, including the presence of a privacy policy

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:**
- A privacy policy exists at the WV IFC
 - The WV IFC receives a score of 90% or better each year on their DHS Fusion Center Assessment.
-

Objective 3.2 Encourage public vigilance through "See Something, Say Something" and other Suspicious Activity Reporting (SAR) programs

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:** Tips reporting is maintained by WV Intelligence Fusion Center
-

Objective 3.3 Ensure robust intelligence reporting by State and local law enforcement, Fire Service, EMS, other first responders, and other stakeholders such as the Fusion Liaison Officer program

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:**
- Maintain a FLO coordinator
 - 100% of FLO members attend at least one regional training/refresher every 2 years
 - At least 1 Fire/EMS FLO is identified per county



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- 150 total FLOs

Objective 3.4 Collect, analyze, and appropriately disseminate written intelligence products on current and emerging threats for law enforcement, the intelligence community, executive stakeholders, and other audiences as appropriate

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Ensure distribution of intelligence products to stakeholders based on threat information and regular production schedules.

Objective 3.5 Expand outreach efforts and knowledge sharing beyond traditional law enforcement and intelligence communities to include first responders (including the Fire Service and Emergency Managers) and the private sector

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Ensure distribution of intelligence products to non-law enforcement stakeholders based on threat information and regular production schedules.

Objective 3.6 Facilitate security clearances for personnel whose duties require access to classified information

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Appropriate personnel hold clearances

Objective 3.7 Provide both unclassified and classified intelligence briefings to appropriate law enforcement officials, first responders, and other key stakeholders



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National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:**
- Conduct annual threat briefing to the WV state government leadership
 - Conduct quarterly threat briefings to WV State Police, other state agencies, and local government agencies
 - Provide at least one classified briefing annually

Objective 3.8 Foster greater information sharing and collaboration with other Fusion Centers through the development of formalized plans and protocols

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:**
- Formal Plans/Protocols exist for sharing information with other Fusion Centers
 - Collaborate with other Fusion Centers on the development of joint threat assessments/briefings

Objective 3.9 Utilize technological systems to empower widespread information sharing between Federal, State, local, and international partners

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:**
- Intelligence products are shared via the Homeland Security Information Network (HSIN)
 - Appropriate personnel have Homeland Security Data Net (HSDN) access

Objective 3.10 Test intelligence and information sharing capabilities through the use of training and exercises

National Priority: Strengthen Information Sharing and Collaboration Capabilities



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Step: Conduct at least 4 trainings and/or exercises per year that involve the Intelligence and Information Sharing Capability



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Goal: Strengthen Counter Terrorism and Law Enforcement Capabilities

Objective 4.1 Continue support for the State's Bomb Squads and Explosive Detection Canine Teams to further enhance our Improved Explosive Device (IED) prevention and response efforts

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

- Step:**
- 100% of Bomb Squads are considered a "Type 1" or "Type 2" based on NIMS Typing Standards
 - 100% of Explosive Detection Canine Teams in the State have assessed their capabilities
-

Objective 4.2 Equip, train, exercise, and otherwise support specialized law enforcement response teams, such as public safety dive teams, crime scene and forensic identification units, aviation assets, and other tactical teams

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

- Step:**
- Identify 100% of specialty teams and related team standards
 - Assess team locations and capabilities against state threat assessments to identify gaps
-

Objective 4.3 Ensure coordination of federal, state, and local law enforcement investigations through the Joint Terrorism Task Forces (JTTFs) and other related structures

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:** 100% of JTTFs in West Virginia contain State and local participation



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Objective 4.4 Build law enforcement counter-terrorism capabilities through the purchase and sustainment of specialized equipment and technology, including License Plate Readers (LPRs), Mobile Data Terminals (MDTs), and surveillance systems

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:**
- Purchase and install 10 additional LPRs each year
 - Implement usage of MDTs by at least 5 additional law enforcement agencies each year

Objective 4.5 Test security measures through the use of "Red Teams" and other exercise methods

National Priority: Implement the NIPP

- Step:** 100% of regions participate in a Red Team or other Counter Terrorism-related exercise by 2017

Objective 4.6 Continue initiatives to detect and curtail the use of fraudulent documents

National Priority: Strengthen Information Sharing and Collaboration Capabilities

- Step:** Ensure the continued use of Facial Recognition software and other technology systems to deter the use of fraudulent documents

Objective 4.7 Continue outreach from law enforcement to the public and private sector facilities on the indicators of terrorism

National Priority: Strengthen Information Sharing and Collaboration Capabilities



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Step: Ensure materials and presentations are available as protected

Objective 4.8 Conduct counter-terrorism training for law enforcement officials and other personnel on current and emerging threats and tactics

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Ensure materials and presentations are available as protected

Objective 4.9 Ensure resources and training are in place to conduct investigations for emerging threats

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: 100% of the appropriate personnel are provided with the needed equipment and training to investigate emerging threats

Objective 4.10 Enhance multi-disciplinary preparedness and response capabilities to address Active Shooter threats

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: 100% of appropriate responders and homeland security officials are provided with Active Shooter training



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Goal: Enhance Emergency Management and Response Capabilities

Objective 5.1 Institutionalize threat and hazard assessments and implement a system to assess homeland security capabilities at the State and county level

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- A Threat and Hazard Identification and Risk Assessment (THIRA) is completed annually by the State
 - 100% of counties have updated their THIRAs within the year
-

Objective 5.2 Develop and maintain Emergency Operations Plans (EOPs) including relevant annexes at all levels of government, and develop supplemental catastrophic response plans as appropriate

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- 100% of counties have a EOPs that have been updated within the past year
 - Operational plans for first responder agencies are in place to complement their broader EOPs
-

Objective 5.3 Develop disaster logistics support (personnel, plans, and resources) to enhance commodity distribution capabilities

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Identify regional distribution resources (personnel, locations, equipment)
 - Maintain a state commodity distribution plan



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Objective 5.4 Strengthen alert and warning capabilities through utilization of emergency notification systems such as Integrated Public Alert and Warning Systems (IPAWS), indoor and outdoor devices, and related systems

National Priority: Strengthen Communications Capabilities

Step: 100% of counties have signed IPAWS MOUs

Objective 5.5 Enhance and maintain State and local Emergency Operations Center (EOC) capabilities through targeted equipment purchases and EOC training efforts

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step:

- State EOC is technologically advanced and capable of coordinating response to catastrophic disasters
- Local EOCs are operational and capable of coordinating disaster response (based on local needs)

Objective 5.6 Build and maintain specialized emergency response team capabilities to augment response efforts, including Technical Rescue Teams and Incident Management Teams

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step:

- 100% of jurisdictions are served (directly or regionally) by the appropriate type of specialized response team
- 100% of specialty teams are equipped to address designated hazards
- Emergency response teams are typed, accredited, and credentialed



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Objective 5.7 Build and maintain a statewide credentialing program for first responders

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step: 100% of first responders (beginning with Fire, Police, Emergency Management, and EMS) are included in a statewide credentialing program

Objective 5.8 Conduct training and education to help develop and sustain the necessary capabilities for homeland security practitioners, to include elected officials, administrators, responders, and the public

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step: Conduct standardized emergency management and response training for officials in all counties

Objective 5.9 Participate in and promote formal mutual aid agreements and operationalize the Statewide Mutual Aid Program

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step:

- Fully implement Statewide Mutual Aid Agreement
- Conduct at least 2 training sessions on State Mutual Aid Agreement each year
- Coordinate with contiguous and other states on the National Emergency Management Assistance Compact (EMAC)



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Goal: Strengthen Interoperable and Emergency Communications Capabilities

Objective 6.1 Maintain the State Communications Interoperability Plan (SCIP)

National Priority: Strengthen Communications Capabilities

Step: The SCIP is updated annually.

Objective 6.2 Develop communications Standard Operating Procedures (SOPs) that are integrated with the National Incident Management System (NIMS)

National Priority: Strengthen Communications Capabilities

Step: 100% of counties have the appropriate SOPs for operational communications

Objective 6.3 Develop governance structures for interoperability that are consistent with the Statewide Communications Interoperability Plan, WV State Code, and Executive Orders

National Priority: Strengthen Communications Capabilities

Step: Support monthly meetings of the State Interoperable Executive Committee (SIEC)



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Objective 6.4 Conduct communications asset surveys and needs assessments with all counties to improve interoperable communications planning

National Priority: Strengthen Communications Capabilities

- Step:**
- 100% of county participation in asset surveys and needs assessments
 - 100% of appropriate state agency participation in asset surveys and needs assessments

Objective 6.5 Develop a Statewide Field Operations Guide (FOG) and distribute among communication specialists and first responders

National Priority: Strengthen Communications Capabilities

Step: FOG is completed by the end of 2015

Objective 6.6 Assure deployment of open standards-based technologies (e.g. P-25 for digital systems) to ensure communications interoperability

National Priority: Strengthen Communications Capabilities

- Step:**
- 100% of counties deploy open standards-based technologies to achieve communications interoperability
 - 100% of appropriate state agencies deploy open standards-based technologies to achieve communications interoperability

Objective 6.7 Provide communications leadership and technical training to improve communications planning and execution



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National Priority: Strengthen Communications Capabilities

- Step:**
- 100% of counties provided with COML
 - 100% of counties provided with COMT

Objective 6.8 Conduct multi-jurisdictional, multi-disciplinary communications training and exercises to evaluate interoperability and improve equipment proficiency

National Priority: Strengthen Communications Capabilities

Step: Conduct 1 communications related exercise per year for 100% of counties and appropriate state agencies

Objective 6.9 Encourage the development and adoption of standards for "Next Generation" 911 capabilities

National Priority: Strengthen Communications Capabilities

Step: 100% of counties adopt standards for "Next Generation" 911 capabilities

Objective 6.10 Implement the State and Local Implementation Grant Program, which further advances development of the public safety broadband network (FirstNet).

National Priority: Strengthen Communications Capabilities

Step: SLIGP is implemented in accordance with the schedule and grant requirements set forward by NTIA (National Telecommunications and Information Administration)



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Objective 6.11 Enhance mobile, back-up and/or redundant communications capabilities

National Priority: Strengthen Communications Capabilities

- Step:**
- 100% of counties have mobile, back-up, and/or redundant communications in place
 - 100% of appropriate state agencies have mobile, back-up, and/or redundant communications in place



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Goal: Enhance Citizen and Community Preparedness Activities

Objective 7.1 Establish a statewide citizen preparedness training program to educate West Virginians on how to prepare themselves, their families, and their neighbors for disasters

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Establish a statewide training program
 - Conduct training for 1,500 people in 2015, 2,000 people in 2016, and 2,500 in 2017
-

Objective 7.2 Engage in a formal citizen preparedness campaign that utilizes both traditional and new forms of outreach

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Establishment of a statewide campaign
 - Utilize social media platforms to engage more West Virginians in this campaign
-

Objective 7.3 Integrate and utilize capabilities of community and non-profit organizations in disaster prevention, protection, mitigation, preparedness, recovery, and response efforts

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Signed MOU between WV VOAD and State of WV
 - 100% of counties report partnerships with community and non-profit organizations



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Objective 7.4 Enhance mass care sheltering capacity, feeding capacity, and bulk distribution through partnerships with community organizations and other entities

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step: 100% of counties have the ability to shelter up to 5% of their population or the maximum number of people identified in their THIRA who may require shelter (if less than 5% of total population)

Objective 7.5 Ensure that the needs of vulnerable populations in our communities are integrated into disaster preparedness and response efforts

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step: 100% of counties have special needs considerations integrated into their emergency management plans

Objective 7.6 Identify and support community preparedness groups, including Citizen Corps Councils, Community Emergency Response Teams, and Medical Reserve Corps and other groups

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step: Community preparedness organizations exist statewide

Objective 7.7 Establish a system(s) to accept, receive, manage, and dispense donations of food, supplies, and other goods and services in the event of a disaster



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National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step: 100% of counties have commodity distribution and donations management plan

Objective 7.8 Enhance efforts to understand and mitigate the psychological impacts that emergencies have on both first responders and the general public

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Provide training to first responders and other officials on how to address and manage the psychological impacts of emergencies
 - Provide behavioral health services to all affected populations



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Goal: Build back better from Disasters and Become More Resilient Against Future Events

Objective 8.1 Develop disaster recovery plans, including long term recovery plans, in communities impacted by major disasters

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Develop a State Disaster Recovery Plan
 - Ensure 100% of county emergency operations plans have recovery components
-

Objective 8.2 Create or leverage disaster recovery committees in communities impacted by major disasters to identify needs and coordinate assistance

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:** Establish regional/multi-county recovery committees for all areas where needed due to a persistent threat or following an incident
-

Objective 8.3 Identify, administer, and ensure the integration of disaster recovery programs and projects

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Identify programs to support housing/individual needs, infrastructure and economic recovery
 - Ensure each program has an operational dashboard or metrics to track progress



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Objective 8.4 Develop capabilities to restore critical services (e.g. power, utilities, fuel) to communities as soon as possible post disaster

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- Establish a strategic fuel reserve for the State
 - Ensure that gas stations pre-identified by the State are able to accept emergency generation

Objective 8.5 Develop State and regional hazard mitigation plans to help reduce the impact of future disasters

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:**
- State Mitigation Plan is updated every 3 years
 - Regional (i.e. County-Level) mitigation plans are updated every 5 years

Objective 8.6 Proactively identify opportunities to increase resiliency through smarter building codes, urban planning, and other associated infrastructure improvements

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

- Step:** Catalogue changes to resiliency efforts and other best practices in terms of building design

Objective 8.7 Conduct training and exercises aimed at enhancing disaster recovery and resiliency efforts

National Priority: Strengthen Planning and Citizen Preparedness Capabilities



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Step: Conduct at least 5 disaster recovery training/exercise events annually

Objective 8.8 Support adequate and consistent case management capability in conjunction with FEMA, State/Local governments, and WV Volunteer Organizations Active in Disasters

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step: Provide timely assistance to West Virginians with case management needs (based on the timeframes associated with each program)

Objective 8.9 Advance Continuity of Operations (COOP) and Continuity of Government (COG) planning to ensure seamless operations after a major disaster occurs

National Priority: Strengthen Planning and Citizen Preparedness Capabilities

Step:

- 100% of State Agencies maintain a COOP/COG plan
- 100% of counties maintain a COOP/COG plan



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Goal: Health Emergency Preparedness

Objective 9.1 Enhance local, regional, State, and Federal cross-disciplinary planning efforts to prepare for and respond to a health emergency

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

Step: 100% of counties have public health preparedness plans that have been updated in the past three years

Objective 9.2 Maintain laboratory capability and capacity for the detection of CBRNE agents and naturally occurring diseases

National Priority: Strengthen CBRNE Detection, Response, & Decontamination Capabilities

Step: Maintain certified public health, agriculture, and law enforcement labs

Objective 9.3 Support public health surveillance capabilities to more effectively deter and monitor outbreaks of disease

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

Step:

- Robust public health surveillance systems are in place as evidenced by state surveillance performance metrics published annually
- Robust outbreak investigation is in place as evidenced by performance metrics published in the annual State outbreak report



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Objective 9.4 Advance triage and pre-hospital treatment capabilities, including medical triage, decontamination, and the administration of countermeasures, through support and personal protective measures for Emergency Medical Service (EMS) providers

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

- Step:**
- EMS Agencies provide triage training to 100% of EMS providers
 - EMS Agencies provide decontamination training to 100% of EMS providers
 - EMS Agencies provide necessary decontamination equipment and supplies to Fire/EMS providers
 - EMS Agencies provide training and resources to 100% of EMS providers on medical countermeasures

Objective 9.5 Enhance medical emergency response capabilities including medical triage, decontamination, and surge capabilities at healthcare facilities

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

- Step:** Robust operational and planning engagement between 100% of emergency management agencies and various healthcare partners in each county

Objective 9.6 Ensure the availability, viability, and access to mass prophylaxis and other medical countermeasures statewide

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

- Step:**
- Develop and maintain a plan for statewide distribution of medical countermeasures
 - Develop mass dispensing plans for all counties



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Objective 9.7 Enhance mass fatality management capabilities statewide

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

Step: 100% of counties have a mass fatality plan as part of their county emergency operations plan that has been updated in the past three years

Objective 9.8 Ensure medical resiliency and continuity of operations at healthcare facilities

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

Step: Passage of regulations for healthcare facilities to meet FEMA's 500-year flood plain standards for new construction

Objective 9.9 Expand health emergency preparedness through training and exercise efforts across the State

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities

Step:

- 100% of Local Health Departments (LHDs) meet annual training goals as set by the WV DHHR
- 100% of healthcare regions meet annual exercising requirements as set by the WV DHHR

Objective 9.10 Implement a patient tracking system statewide

National Priority: Strengthen Medical Surge and Mass Prophylaxis Capabilities



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Step: 100% of all hospitals be capable of submitting patient tracking information



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Goal: Enhance Cyber Security Capabilities

Objective 10.1 Enhance cyber security awareness through outreach and education efforts to relevant stakeholders

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Ensure current outreach materials are available and disseminated

Objective 10.2 Conduct, support, and attend relevant cyber security trainings to improve technical capabilities

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: At least one major cyber training conducted, supported, and attended by relevant personnel at the State-Level

Objective 10.3 Expand partnerships among Federal, state, and local government agencies to foster situational awareness and advance cyber security efforts in West Virginia

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step:

- Ensure local government participation in cyber security programs
- Maintain relationship with FBI and DHS Cyber, including access to classified cyber security products



State Homeland Security Strategy

West Virginia

Status: Submitted to FEMA

Objective 10.4 Develop partnerships among government, academic and private sector partners to foster situational awareness and strengthen cyber security capabilities in the State

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Develop and sustain partnerships with all appropriate academic and private sector partners

Objective 10.5 Expand capability to analyze cyber threats and conduct forensic cyber investigations

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Maintain analysis and investigation capability

Objective 10.6 Develop and disseminate cyber security alerts and advisories to relevant stakeholders

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Maintain an effective system to collect information and disseminate alerts to all relevant stakeholders

Objective 10.7 Maintain and update cyber security policies and standards for state government entities, and monitor compliance with such policies

National Priority: Strengthen Information Sharing and Collaboration Capabilities



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Status: Submitted to FEMA

Step: Ensure cyber security policies are current and updated as threat information evolves

Objective 10.8 Incorporate cyber security into exercises to build and test capabilities

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Conduct at least one cyber exercise per year

Objective 10.9 Ensure West Virginia has a sustainable cyber workforce through improved workforce development and succession planning efforts

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Assess cyber workforce needs and training/educational opportunities

Objective 10.10 Strengthen networking infrastructure by upgrading outdated infrastructure and introducing technologies that vastly improve security within State and local government agencies

National Priority: Strengthen Information Sharing and Collaboration Capabilities

Step: Ensure government agencies have proper security equipment and training



State Homeland Security Strategy

West Virginia

Status: Submitted to FEMA

Section 3 > Evaluation Plan

Evaluation Plan

Measuring progress is a key component of homeland security. The effective and efficient use of public dollars is a critical part of the West Virginia Homeland Security Strategy and requires the use of metrics to measure progress towards increasing preparedness capabilities and achieving goals. Specific targets and metrics have been developed for each objective and they are included in Appendix A of the Strategy document.

To report on how the state is implementing and meeting its homeland security goals, West Virginia will utilize the federally mandated Threat and Hazard Identification and Risk Assessment (THIRA) and State Preparedness Report (SPR). In addition all SHSP grant awards must document how they will help ensure West Virginia is meeting the specific objectives and targets outlined in the State Strategy. The West Virginia State Homeland Security Strategy will also be tested through exercises and actual events, as they too represent opportunities to identify gaps and shape priorities moving forward.

The West Virginia Homeland Security Strategy must remain current and updated. The West Virginia Homeland Security State Administrative Agency will coordinate the process of updating the Strategy annually to include any changes to National Priorities, federal homeland security guidance and legislative mandates. State and local stakeholders will be asked to provide feedback and insight related to the West Virginia Homeland Security Strategy.

