



**pennsylvania**  
EMERGENCY MANAGEMENT AGENCY

# Commonwealth of Pennsylvania

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**Multi-Year Training and Exercise Plan  
2018-2021**



## **DISCLAIMER**

Information contained in this document is presented for general educational and information purposes and to increase overall safety awareness and is subject to change. It is intended as guidance and not as policy. It should not be used in place of consultation with appropriate professionals.

## PREFACE

The Commonwealth of Pennsylvania (hereafter referred to as the Commonwealth) has developed this Multi-Year Training and Exercise Plan (TEP) that encompasses fiscal years 2018 through 2021. The information contained in this TEP was developed following the Training and Exercise Planning Workshop (TEPW) conducted on January 19, 2018. The Pennsylvania Emergency Management Agency (PEMA) coordinated and facilitated the TEPW and the development of this TEP. PEMA as the State Administrative Agency (SAA) for the various grant programs that fund training and exercise programs throughout the Commonwealth conducts an annual TEPW. The 2018-2021 TEP includes the training and exercises planned for those years.

Each emergency management stakeholder (County, Task Force and State Agency) is responsible for maintaining their own internal TEP's and providing information to the Commonwealth on the training and exercises conducted within their jurisdiction. PEMA fuses those individual plans into a comprehensive plan that documents the training and exercise efforts of the whole community.

The U.S. Department of Homeland Security (DHS) Preparedness Directorate's Office of Grants and Training (G&T) requires that every State and Urban Area conduct a TEPW annually. The Federal fiscal year 2017 Homeland Security Grant Program (HSGP) and Emergency Management Performance Grant (EMPG) Funding Opportunity Announcement require grantees to develop and maintain a progressive exercise program consistent with the Homeland Security Exercise and Evaluation Program (HSEEP) and the National Exercise Program (NEP). Grantees must conduct a TEPW and then develop a multi-year TEP that addresses the priorities identified in the TEPW. Grantees are reminded of the importance of implementing corrective actions throughout the progressive exercise cycle. For grantees receiving both HSGP and EMPG funds, one TEPW and TEP is sufficient for both programs.

The Commonwealth has pursued a coordinated emergency management and homeland security strategy that combines enhanced planning, new equipment purchases, training, and realistic exercises to strengthen its capabilities in all five mission areas – prevention, protection, mitigation, response, and recovery. Training and exercises play a critical role in this strategy by providing the Commonwealth with a means of attaining, practicing, validating, and improving those capabilities. The Commonwealth's training and exercise programs are administered by PEMA in coordination with local, state, federal, and private partners. The training and exercise objectives described in this plan, at a minimum, will be tracked and reported for all State-level response agencies, as well as any county response agencies that are receiving State Homeland Security or Emergency Management Performance Grant funds. The plan helps to maintain the Commonwealth of Pennsylvania's commitment to preparedness from a whole Commonwealth community approach.

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## **PURPOSE**

The purpose of the multi-year Training and Exercise Plan (TEP) is to document an organization's training and exercise program priorities for a specific multi-year time period. It is considered to be a living document that can be updated and refined annually. A copy of this TEP, once approved, will be available on the Pennsylvania Emergency Management Agency's (PEMA) website and will be updated quarterly to reflect updates to training and exercises as they occur and are scheduled and reported throughout the year.

These priorities are linked to a rationale based on existing strategic guidance, threat assessments, corrective actions from previous exercises, or other factors. This multi-year TEP identifies the training and exercises that will help the stakeholder organizations build and sustain the core capabilities needed to address its training and exercise program priorities. Stakeholders in this enterprise include: County and municipal partners, taskforce representatives, state agencies and departments and federal partners.

The multi-year TEP presents a combination of training and exercises which address the goals, objectives and priorities identified in the PEMA Strategic Plan and refined through TEP development and update process of which the Training and Exercise Planning Workshop (TEPW) is an integral part. The TEP enables organizations to participate in a Commonwealth wide program of training and exercises with each successive event building upon the previous one supporting a continuous improvement of emergency management capabilities and community resilience across the Commonwealth.

The multi-year TEP also serves as a follow-on companion document to the Commonwealth of Pennsylvania's National Incident Management Implementation Strategy (NIMS) and the Pennsylvania Emergency Management Agency Strategic Plan. The TEP provides a roadmap for the Commonwealth to follow in accomplishing the priorities described in this document.

## **TEP OBJECTIVES**

The Commonwealth of Pennsylvania's objectives for the Training and Exercise Plan are:

Design, develop, and deliver a training and exercise program that enables the Commonwealth to respond to and recover from; natural and man-made disaster events.

Enhance the whole community resilience of the Commonwealth, through capability-based planning in accordance with the National Preparedness Goal and the Commonwealth's Strategic Plan.

Provide training and exercise program that is based on the recommendations and assessments in the Commonwealth's Threat Hazard Identification and Risk Assessments (THIRA), After Action Reports/Improvement Plans (AAR/IP), PEMA Strategic Plan and the analysis of the National Incident Management System (NIMS) Compliance Metrics Data.

## **PROGRAM PRIORITIES**

### **I. National Preparedness Goal – Core Capabilities**

Presidential Policy Directive No. 8 – National Preparedness (PPD-8) describes the nation’s approach to preparing for the threats and hazards that pose the greatest risk to the security of the United States. National preparedness is the shared responsibility of the whole community. The [32 Core Capabilities](#) contained in the National Preparedness Goal are distinct critical elements identified as necessary for maintaining a successful and comprehensive level of preparedness. They are highly interdependent and require communities to use existing preparedness networks and activities, improve training and exercise programs, promote innovation, and ensure that the administrative, finance, and logistical systems are in place to support these capabilities. The Commonwealth of Pennsylvania will address these 32 Core Capabilities across the 5 mission areas of Prevention, Protection, Mitigation, Response, and Recovery grouped within the following four objectives:

- 1. Multi-Jurisdictional, Inter-Regional, and Interagency training collaboration**
- 2. Develop and deliver capability-based exercise programs**
- 3. Promote Commonwealth Whole Community resilience**
- 4. Enhanced Multi-Jurisdictional and Interagency cost savings**

### **II. Interagency Training Collaboration (Objective #1)**

Identify training and exercise needs of all the emergency management stakeholders in the commonwealth and ensure that training and exercise programs are provided that enhance the commonwealth’s ability to protect prevent, mitigate, respond to, and recovery from any type of disaster. Establish and maintain a unified and coordinated operational structure and process that appropriately integrates all critical stakeholders and supports the execution of core capabilities.

## A. Corresponding Core Capabilities

<b>1. Planning</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>2. Public Information and Warning</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>3. Operational Coordination</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>4. Operational Communications</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>5. Mass Search and Rescue Operations</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>6. Threats and Hazard Identification</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>7. Situational Assessment</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>8. Intelligence and Information Sharing</b>	Pennsylvania State Police
<b>9. Supply Chain Integrity and Security</b>	Pennsylvania Emergency Management Agency (PEMA)
<b>10. Mass Care Services</b>	PA Department of Human Services
<b>11. Resource Management</b>	PA Department of General Services
<b>12. Fusion Center Operations</b>	Pennsylvania State Police
<b>13. Cybersecurity</b>	Pennsylvania State Police

## B. Rationale

This requires the development of a robust commonwealth-wide emergency management certification and accreditation program based on developing the capabilities that enhance the commonwealth's preparation for, response to, and recovery from ([5 mission areas](#)) any type of disaster and the development of exercises that provide the opportunity to further develop and evaluate those programs and associated capabilities. The Commonwealth's [NIMS Implementation Strategy](#) and THIRA also identify the need for similar training and exercise programs.

### Supporting Training Courses and Exercises

1. The Commonwealth's strategy identifies the following training courses as a priority for the Commonwealth's emergency management partners training programs:
  - a. **IS – 3:** Radiological Emergency Management
  - b. **IS – 5:** An Introduction to Hazardous Materials
  - c. **ICS-100:** Introduction to the Incident Command System (ICS)
  - d. **IS-120:** An Introduction to Exercises

- e. **L/K-146:** Homeland Security Exercise and Evaluation Plan (HSEEP)
- f. **G-191:** EOC/ICS Interface
- g. **ICS-200:** ICS for Single Resources and Initial Action Incidents
- h. **IS-230:** Fundamentals of Emergency Management
- i. **G-235:** Emergency Planning
- j. **IS-235:** Emergency Planning
- k. **IS-240:** Leadership and Influence
- l. **IS-242:** Effective Communication
- m. **IS-244:** Developing and Managing Volunteers
- n. **G-271:** Severe Weather
- o. **G-290:** Basic PIO
- p. **G-300:** Intermediate ICS for Expanding Incidents
- q. **O-305:** All-Hazards Incident Management Team
- r. **G-320:** Fundamentals Course for Radiological Response
- s. **PER-320:** Personal Protective Measures for Biological Events (PPMBE)
- t. **G-400:** Advanced ICS
- u. **G-402:** Incident Command System (ICS) Overview for Executives/Senior Officials
- v. **MGMT-418:** Training Identification & Preparedness Planning
- w. **IS-700:** National Incident Management System (NIMS), An Introduction
- x. **IS-702:** NIMS Public Information
- y. **IS-703:** NIMS Resource Management
- z. **IS-706:** NIMS Intrastate Mutual Aid, An Introduction
- aa. **IS-800:** National Response Framework, An Introduction
- bb. **IS-775:** Emergency Operations Center Management and Operations (precursor to G 775)
- cc. **G-775:** Emergency Operations Center Management and Operations
- dd. **IS-800:** National Response Framework, An Introduction
- ee. FEMA Basic Academy
- ff. FEMA Advanced Academy
- gg. **NIMS ALL-HAZARDS** Position-Specific Training as appropriate for entities

2. Upcoming exercises that will support interagency training collaboration and the associated core capabilities include:

- a. Severe Spring Weather Exercise (Functional)
- b. Winter Weather Exercise (Functional)
- c. Radiological Transportation Exercises (Tabletop and Functional)

- d. Radiological Emergency Preparedness Exercises (Functional/Full- Scale)
- e. MS-1 Hospital Exercises (Full-Scale)
- f. County EMC Certification Exercises (Functional)
- g. Specific Identified Events and Hazard Preparation (Table-top)
- h. Thunderbolt Exercises (Workshop, Tabletop)
- i. HazMat re-certification
- j. Civil Support Team WMD Exercise
- k. Black Sky Exercise
- l. Airport/Port authority-based exercises
- m. 9-1-1 authority exercises
- n. Cyber exercise (functional/Tabletop)

### **III. Develop and Deliver Capability-Based Exercise Programs (Objective #2)**

#### **A. Corresponding Core Capabilities**

- 1. Planning
- 2. Public Information and Warning
- 3. Operational Coordination
- 4. Operational Communications
- 5. Mass Care Services
- 6. Situational Assessment
- 7. Economic Recovery
- 8. Infrastructure Systems
- 9. Critical Transportation
- 10. Environmental Response/Health and Safety
- 11. Strengthen the security and resilience of the supply chain.
- 12. Cybersecurity

#### **B. Rationale**

The review of AAR/IPs from exercises conducted in 2017 identified the vulnerabilities that this TEP intends to remedy. The TEP reflects the need for the development of a training and exercise program that fosters joint interaction between all Emergency Support Functions (ESFs) and enhances the capabilities that currently exist.

#### **C. Supporting Training Courses and Exercises**

- 1. **ICS-100:** Introduction to the Incident Command System (ICS)
- 2. **G-191:** Incident Command System/Emergency Operations Center (ICS/EOC) Interface
- 3. **ICS-200:** ICS for Single Resources and Initial Action Incidents
- 4. **G-300:** Intermediate ICS for Expanding Incidents
- 5. **O-305:** All Hazards Incident Management Team

6. **G-400:** Advanced ICS
7. **G-402:** Incident Command System (ICS) for Executives/Senior Officials
8. **IS-700:** National Incident Management System (NIMS), an Introduction
9. **IS-702:** NIMS Public Information
10. **IS-703:** NIMS Resource Management
11. **IS-706:** NIMS Intrastate Mutual Aid, an Introduction
12. **IS-775:** Emergency Operations Center Management and Operations (precursor to G-775)
13. **G-775:** Emergency Operations Center Management and Operations
14. **IS-800:** National Response Framework, an Introduction
15. **E/L-947:** Emergency Operations Center (EOC)/Incident Management Team (IMT) Interface
16. **E/L-950:** All-Hazards Incident Commander
17. **E/L-952:** All-Hazards Public Information Officer
18. **E/L-954:** All-Hazards Safety Officer
19. **E/L-956:** All-Hazards Liaison Officer
20. **E/L-958:** All-Hazards Operations Section Chief
21. **E/L-960:** All-Hazards Division/Group Supervisor
22. **E/L-962:** All-Hazards Planning Section Chief
23. **E/L-964:** All-Hazards Situation Unit Leader
24. **E/L-965:** All-Hazards Resource Unit Leader
25. **E/L-967:** All-Hazards Logistics Section Chief
26. **E/L-969:** All-Hazards Communications Unit Leader
27. **E/L-970:** All-Hazards Supply Unit Leader
28. **E/L-971:** All-Hazards Facilities Unit Leader
29. **E/L-973:** All-Hazards Finance/Administration Section Chief
30. **E/L-975:** All-Hazards Finance/Administration Unit Leader
31. CRCC specific training

**D. Upcoming exercises that will support interagency training collaboration and the associated core capabilities include:**

1. Severe Spring Weather Exercise (Functional)
2. Utilities Disruption Exercise (Tabletop)
3. Winter Weather Exercise (Functional)
4. Radiological Transportation Exercises (Tabletop and Functional)
5. Radiological Emergency Preparedness Exercises (Functional/Full-Scale)
6. MS-1 Hospital Exercises (Full-Scale)
7. Mass Care With Animal Sheltering
8. Black Sky
9. HART – Helicopter Aquatic Rescue Team
10. Food and Feed Rapid Response Team
11. Foreign Animal Disease Exercise
12. Resource Request Drill
13. Mass Distribution of Medical Countermeasures

14. Governors Emergency Preparedness Summit
15. Ebola and Infections Disease Exercises Tabletop and Functional Exercises
16. Cabinet-Level Exercises
17. FEMA VTTXs
18. Correctional Facility - 26 Tabletop and Functional Exercises
19. Mass Casualty/Mass Fatality (Coroner's Office plans)
20. Transport/Port/Water/Sewage etc. Authority Exercises
21. USAR Regional Teams
22. 3<sup>rd</sup> WMD Civil Support Team annual CBRNE

#### **IV. Promote Commonwealth Whole Community Resilience (Objective #3)**

##### **A. Corresponding Core Capabilities**

1. Community Resilience
2. Long-term Vulnerability Reduction
3. Risk and Disaster Resilience Assessment
4. Health and Social Services
5. Housing
6. Public Information and Warning
7. Planning
8. Economic Recovery
9. Mass Care Services
10. Operational Coordination
11. Situational Assessment
12. Threat and Hazard Identification

##### **B. Rationale**

The review of 2017 training course evaluations, the ongoing recovery and mitigation efforts from recent natural disasters, indicated that there is a need to continue to deliver training at the municipal, county, and state level to enhance the resilience of all communities. The Commonwealth's Threat and Hazard Identification Assessment (THIRA) identified similar core capability gaps for whole community involvement and coordination in several key areas. We will also look to the State Mitigation Plan, PEMA Strategic Plan, After Action Reviews, and 44 CFR to identify capability gaps.

##### **C. Supporting Training Courses and Exercises (Objective #4)**

- |    |                 |   |
|----|-----------------|---|
| 1. | <b>IS-15.b:</b> | Special Events Contingency Planning                 |
| 2. | <b>G-202:</b>   | Debris Management                                   |
| 3. | <b>G-205:</b>   | Recovery from Disaster: the Local Government Role   |
| 4. | <b>G-210:</b>   | Recovery from Disaster                              |
| 5. | <b>G-212:</b>   | Preparing and Submitting Hazard Mitigation Projects |
| 6. | <b>G-213:</b>   | Reviewing Hazard Mitigation Projects                |
| 7. | <b>G-214:</b>   | Managing Hazard Mitigation Projects                 |

8. **G-288:** Local Volunteer & Donation Management
9. **G-290:** Basic Public Information Officer
10. **E-317:** Comprehensive Data Management for HAZUS
11. **G-317:** Citizens Emergency Response Team (CERT)
12. **G-320:** Fundamentals Course for Radiological Response
13. **IS-366:** Planning for the Needs of Children in Disaster
14. **G-393:** Mitigation for Emergency Managers
15. **G-358:** Evacuation and Re-Entry Planning
16. **G-364:** Multi-Hazard Planning for Schools
17. **G-366:** Planning for the Needs of Children
18. **G-386:** Mass Fatalities Incident Response
19. **G-489:** Management of Spontaneous Volunteers in an Emergency
20. **IS-547:** Introduction to Continuity of Operations
21. **G-557:** Rapid Needs Assessment
22. **AWR-15:** Promoting Community Cyber Security
23. **AWR-136:** Essentials of Community Cyber Security
24. **AWR-169-W:** Cyber Incident Analysis and Response
25. **AWR-176-W:** Disaster Recovery for Information Systems
26. **IS-523:** Resilient Accord-Exercising Continuity Plans
27. **MGT-384:** Community Preparedness for Cyber Incidents
28. **MGT-385:** Community Cyber Security Exercise Planning
29. **E-948:** Situational Awareness and Common Operating Picture
30. **E-143:** Advanced Situational Awareness and Common Operating Picture
31. **P-820:** PA Fundamentals of Incident Support
32. **IS-662:** Improving Preparedness and Resilience Through Public – Private Partnerships
33. **E-105:** Public Information and Warning
34. **E-824:** Partner Coordination in Disaster Response and Recovery
35. **AWR-315:** Criminal Intelligence Analysis Essentials
36. **MGT-346:** EOC Operations and Planning for All Hazards

**D. Upcoming exercises that will support interagency training collaboration and the associated core capabilities include:**

1. Severe Spring Weather Exercise (Functional)
2. Winter Weather Exercise (Functional)
3. Radiological Emergency Preparedness Exercises (Functional)
4. Cultural Heritage Exercise (TTX/Functional)

## **V. Enhanced Multi-Jurisdictional and Interagency cost savings (Objective #4)**

### **A. Corresponding Core Capabilities**

1. Planning
2. Situational Assessment
3. Operational Coordination
4. Operational Communications
5. Intel Coordination & Information Sharing

### **B. Rationale**

Identify funding agreements and procurement options/procedures that address interagency and multi-jurisdictional training and exercise needs representing emergency preparedness and emergency management stakeholders to achieve across-the-board cost savings, increased productivity, and program efficiencies. We will look to the 44 CFR for guidance on this issue.

### **C. Supporting Training Courses and Exercises**

We are still researching what courses will fulfill Section V's program priorities.

1. State Floodplain Management & Mitigation
2. Project Management (how to identify funding)
3. DGS Ad Hoc Procurement Training
4. Grants Management G-Course
5. Investigate other government finance courses.
6. Training for grant funding process and specific application processes.
7. Declaration Procurement Training
8. 2017-2022 Healthcare Preparedness and Response Capabilities Grants (conduct further research on this)
9. Health Care Preparedness and Response Capabilities Grants

**Upcoming exercises that will support interagency training collaboration and the associated core capabilities include:**

1. Topical Workshops and Conferences
2. Quarterly Area Office/Task Force/County Coordination Meetings/Teleconferences