

CITIZEN EVACUATION AND SHELTER-IN-PLACE

Capability Definition

Citizen evacuation and shelter-in-place is the capability to prepare for, ensure communication of, and immediately execute the safe and effective sheltering-in-place of an at-risk population (and companion animals), and/or the organized and managed evacuation of the at-risk population (and companion animals) to areas of safe refuge in response to a potentially or actually dangerous environment. In addition, this capability involves the safe reentry of the population where feasible.

Outcome

Affected and at-risk populations (and companion animals to the extent necessary to save human lives) are safely sheltered-in-place or evacuated to safe refuge areas.

Relationship to National Response Plan Emergency Support Function (ESF)/Annex

This capability is supported by the following Emergency Support Functions (ESFs):

- ESF #1: Transportation
- ESF #5: Emergency Management
- ESF #6: Mass Care, Housing, and Human Services
- ESF #8: Public Health and Medical Services
- ESF #14: Public Safety
- ESF #15: External Affairs

Preparedness Tasks and Measures/Metrics

Activity: <i>Develop and Maintain Plans, Procedures, Programs, and Systems</i>	
Critical Tasks	
Res.B.3a 1	Develop plans, procedures, and protocols to manage evacuations and sheltering-in-place
Res.B.3a 1.2.1	Develop evacuation procedures for populations and locations at risk (including high density areas, neighborhoods, high-rise buildings, subways, airports, special events venues, etc.), and institutions that should begin evacuations early (e.g., hospitals, nursing homes, long-term care facilities, and correctional facilities)
Res.B3a 1.1.1.1	Develop and distribute public education materials on evacuation/shelter-in-place preparation, plans, and procedures
Res.B3a 1.1.1.2	Participate in citizen preparedness activities to ensure that public information on evacuation/shelter-in-place preparation and processes is effectively communicated
ResB3a 1.1.1.3	Develop and implement programs to train local citizens on evacuation, reentry and shelter-in-place processes

Res.B3a 1.1.3	Participate in establishment of public information announcements to be issued as part of evacuation/shelter-in-place orders
Res.B3a 1.3.1	Develop and implement plans and procedures to identify in advance populations requiring assistance during evacuation/shelter-in-place
Res.B3a 1.3.1.1	Establish registry of populations requiring assistance during evacuation/sheltering-in-place
Res.B3a 1.3.1.2	Develop and implement procedures to identify and arrange for transportation to accommodate immobilized individuals or others requiring special assistance during transport
Res.B3a 1.3.2	Develop plans and procedures for identifying during an incident those populations requiring assistance with evacuation, including identification of type of assistance required
Res.B3a 1.3.3	Establish processes to ensure that immobilized and other individuals require special assistance can be moved to collection points for evacuation
Res.B3a 1.3.4	Establish processes for identifying and collecting individuals who do not go to collection points
Res.B3a 1.4.1	Pre-identify evacuee collection points and staging/reception areas (for immediate sheltering/processing)
Res.B3a 1.4.3.1	Pre-arrange contracts and agreements to ensure provision of transportation vehicle and drivers during an incident
Res.B3a 1.4.4	Identify and arrange for the staging and use of resources from outside the planning area
Res.B3a 1.4.5	Develop plans and procedures to get resources to those who have sheltered in place (long term—3 days or more)
Res.B3a 1.4.6	Develop plans and procedures for coordinating with other agencies to meet basic needs during evacuation
Res.B3a 1.4.7	Develop agreements with neighboring areas regarding the movement and receipt of evacuees from the affected area
Res.B3a 1.2.4	Develop plans and procedures for evacuation/shelter-in place of companion animals
Preparedness Measures	
	Metrics
Evacuation and shelter-in-place plans address the development and dissemination of accurate, timely, accessible information to public, media, support agencies	Yes/No
Informational materials for use in citizen preparedness for evacuation and shelter-in-place have been developed and coordinated with public education/citizen preparedness programs on procedures and guidance for radiological and nuclear hazards	Yes/No
Informational materials for use in citizen preparedness for evacuation and shelter-in-place have been developed and coordinated with public education/citizen preparedness programs on procedures and guidance for biological and chemical hazards	Yes/No
Informational materials for use in citizen preparedness for evacuation and shelter-in-place have been developed and coordinated with public education/citizen preparedness programs on procedures and guidance for explosive hazards	Yes/No
Informational materials for use in citizen preparedness for evacuation and shelter-in-place have been developed and coordinated with public education/citizen preparedness programs on citizen responsibilities	Yes/No
Informational materials for use in citizen preparedness for evacuation and shelter-in-place have been developed and coordinated with public education/citizen preparedness programs on options and guidance for the handling of companion animals	Yes/No
Planning and informational materials to be released to the public for evacuation or sheltering in	Yes/No

place have been shared with the servicing public safety communication centers and Public Service Answering Points (PSAPs)	
Plans addressing authority and decision-making processes for shelter-in-place and/or evacuations are in place	Yes/No
Nonprofit organizations/NGOs (e.g. the American Red Cross, Salvation Army, faith-based organizations) were actively engaged in plan development	Yes/No
Plans addressing authority and procedures to declare and enforce a mandatory evacuation are in place	Yes/No
Plans are in place for the evacuation of neighborhoods	Yes/No
Plans are in place for the evacuation of high-rise buildings	Yes/No
Plans are in place for the evacuation of subways	Yes/No
Plans are in place for the evacuation of airports	Yes/No
Plans are in place for the evacuation of correctional facilities	Yes/No
Plans are in place for the evacuation of hospitals/nursing homes/assisted-living/elder care facilities	Yes/No
Plans are in place for the evacuation of special events venues	Yes/No
Plans are in place for the evacuation of other high-risk areas in response to a threat or attack	Yes/No
Plans are in place for the evacuation of animal shelters and zoos	Yes/No
Processes for identifying populations that may need assistance with evacuation/shelter-in-place, prior to an incident are in place	Yes/No
Processes for identifying, during an incident, populations that may need assistance with evacuation/shelter-in-place are in place	Yes/No
Processes for identifying and addressing the different types of assistance needed (e.g., physical movement, transportation assistance, language translation, etc.) are in place	Yes/No
Populations that may need assistance with evacuation/shelter-in-place have been identified	Yes/No
Evacuation plan(s) are in place to provide transportation and other evacuation assistance to all persons who need evacuation assistance; plans, at a minimum, address assistance for non-institutionalized populations requiring assistance to be moved (e.g., the elderly, disabled, etc.)	Yes/No
Evacuation plan(s) are in place to provide transportation and other evacuation assistance to all persons who need evacuation assistance; plans, at a minimum, address assistance for transient populations (e.g., the homeless; tourists and visitors)	Yes/No
Evacuation plan(s) are in place to provide transportation and other evacuation assistance to all persons who need evacuation assistance; plans, at a minimum, address assistance for institutionalized populations (e.g., nursing homes, hospitals, psychiatric institutions, boarding schools)	Yes/No
Evacuation plan(s) are in place to provide transportation and other evacuation assistance to all persons who need evacuation assistance; plans, at a minimum, address assistance for populations out of the home (e.g., students, those in public venues) and the work force during a surprise incident	Yes/No
Evacuation plan(s) are in place to provide transportation and other evacuation assistance to all persons who need evacuation assistance; plans, at a minimum, address assistance for companion animals	Yes/No
Plans for coordinating with law enforcement (e.g. to identify risk to transportation infrastructure	Yes/No

from potential terrorist attack, identify security and survival vulnerabilities to evacuated population, identify protective countermeasures) are in place	
Plans to coordinate with public safety agencies in evacuating incarcerated populations are in place	Yes/No
Evacuation plan(s) identifying evacuation routes and traffic flow and control measures are in place	Yes/No
Evacuation routes are marked	Yes/No
Plans identifying measures to ensure adequate services (e.g., gas, food, water, tow trucks, medical emergencies, etc.) along the evacuation route(s) are in place	Yes/No
Plans to provide for leadership at evacuation staging points and/or at temporary evacuation shelters for up to 72 hours are in place	Yes/No
Plans to coordinate with mass care agencies to provide required services at evacuation staging points and/or at temporary evacuation shelters for at least 72 hours are in place	Yes/No
Arrangements with agencies to be involved in evacuations/sheltering, staffing of shelters, logistical supply, security, and support of shelters are in place	Yes/No
Plans to coordinate with medical care agencies to provide medical support, supervision, and symptom surveillance of evacuees during a prolonged evacuation (e.g., monitoring and caring for people with pre-existing medical conditions or disabilities and those who may become ill during the evacuation) are in place	Yes/No
Plans to address decontamination of evacuees (e.g., coordination with HazMat) are in place	Yes/No
An information tracking system is in place to support evacuation and shelter-in-place operations	Yes/No
memoranda of understanding (MOU) with jurisdictions to serve as host communities for evacuees during an incident have been developed	Yes/No
Plans to address re-entry of the general population are in place	Yes/No
Plans to address re-entry support for populations requiring assistance to return are in place	Yes/No
Plans to coordinate with utility companies regarding safety instructions for returning homeowners are in place	Yes/No

Activity: <i>Develop and Maintain Training and Exercise Programs</i>	
Critical Tasks	
Res.B3a 2.1	Develop and implement training programs for staff involved in evacuation/shelter-in-place implementation
Res.B3a 2.2.1	Develop and implement exercises involving evacuation of various types of locations to local shelters as well as more distant cities
Res.B3a 2.2.2	Assess the training and exercise gaps
Res.B3a 2.2.3	Review existing training and exercise resources available for participation and/or inclusion in comprehensive training and exercise strategy
Preparedness Measures	
Staff of agencies to be involved in evacuations/sheltering, staffing of shelters, logistical supply, and support of shelters have been trained	Metric
	Yes/No

Pre-event exercises of the notification and activation of evacuation and shelter-in-place plans are conducted with citizen participation	Yes/No
Local emergency response agencies/staff including public safety answering points, are trained on local evacuation/shelter-in-place strategies	Yes/No

Performance Tasks and Measures/Metrics

<p>Activity: Direct Evacuation and/or In-Place Protection Tactical Operations</p> <p>Definition: In response to a hazardous condition for a locality, direct, manage, and coordinate evacuation and/or in-place sheltering procedures for both the general population and those requiring evacuation assistance throughout incident</p>	
Critical Tasks	
Res.B3a 3.1.2	Identify populations, institutions (e.g., hospitals, nursing homes, correctional facilities) and locations to be evacuated or sheltered-in-place
Res.B3a 3.1.3	Coordinate with law enforcement to identify risk (e.g., from a potential terrorist attack) to transportation infrastructure that may be used for evacuation
Res.B3a 3.1.4	Coordinate with law enforcement to anticipate secondary attack, and identify security and survival vulnerabilities of the evacuated or sheltered population and protective countermeasures
Res.B3a 3.2.1	Identify appropriate decision making authority responsible for deciding a course of action to address the incident
Res.B3a 3.2	Determine appropriate course of action to address the incident
Res.B3a 3.4.4	Coordinate with serving Public Service Answering Points regarding communication of the evacuation and/or shelter-in-place decision
Res.B3a 3.3	Re-assess evacuation/shelter-in-place plans and begin implementation
Res.B3a 3.3.2	Re-assess location of evacuation collection points and staging areas identified in plans and adjust as needed
Res.B3a 3.3.1	Re-assess evacuation traffic management plan and adjust as needed
Res.B3a 3.4.2	Coordinate with mass care, medical, and other services to set up evacuation staging areas
Res.B3a 3.3.1.1	Re-assess emergency evacuation routes and adjust as needed
Res.B3a 3.4.1	Coordinate with transportation agencies to implement evacuation plans
Res.B3a 3.3.4	Coordinate with mass care services to identify location of shelter facilities and other mass care services for evacuees
Res.B3a 3.3.3	Coordinate with mass care agencies to assess the need for emergency feeding and sheltering activities
Res.B3a 3.4.5	Coordinate with appropriate agencies regarding caring for companion animals in transit
Res.B3a 3.5.3	Coordinate medical assistance for special need evacuees in transit
Res.B3a 3.5.4	Notify appropriate agencies of anticipated medical assistance required upon arrival at temporary locations (staging area, shelters, etc)
Res.B3a 3.6	Coordinate with HazMat to conduct decontamination of evacuees, including those with disabilities and medical needs (including their equipment)

Res.B3a 3.7	Coordinate with environmental health to monitor progress of affected area to determine when re-entry is deemed appropriate	
Performance Measures		Metric
Individual(s) with authority to select protective strategy is identified		Yes/No
Individual(s) with authority identifies the information needed to make decision(s)		Yes/No
Necessary information is gathered		Yes/No
Appropriate and available strategies are identified		Yes/No
An appropriate strategy is selected and communicated		Yes/No
Appropriate protective strategy to meet the potential risk/danger to the various populations is selected within appropriate timeframe		Yes/No
Citizen protection decision is coordinated with surrounding jurisdictions to support evacuation routes, and activate reception facilities and shelters		Yes/No
Re-entry planning is conducted during the course of response to the event		Yes/No

Activity: Activate Evacuation and/or In-Place Protection

Definition: In response to activation, identify and ensure notification of at-risk populations, and identify populations requiring assistance in evacuation and/or in-place protection

Critical Tasks

Res.B3a 4.1	Identify and mobilize appropriate personnel	
Res.B3a 4.2.1	Issue shelter-in-place order	
Res.B3a 4.2.3	Issue evacuation order	
Res.B3a 4.2.4	Coordinate with agencies providing emergency public information and warning to ensure effective communication of evacuation/shelter-in-place order and procedures	
Res.B3a 4.4.1	Determine locations of populations who may need assistance with evacuation from affected area (e.g., using pre-established registry of populations in facilities)	
Res.B3a 4.4.2	Implement plan to capture self-reporting by those requiring assistance with evacuation (e.g., via hot-line)	
Res.B3a 4.4.3	Conduct triage upon identification to determine type of assistance required	
Res.B3a 4.5	Implement systems for tracking evacuees and those who shelter in place	
Res.B3a 4.3	Implement notification protocols for communication to Public Service Answering Points (911 centers)	
Performance Measures		Metric
Time in which affected population is notified of shelter-in-place order		Within 15 minutes from order to shelter-in-place
The most affected populations for evacuation are notified first (e.g., ring evacuations)		Yes/No
Percent of population appropriately notified of evacuation procedures, routes, locations, and sources of evacuation information throughout the incident		100%

Percent of population requiring assistance that has been identified	100%
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Activity: <i>Implement Evacuation Orders for General Population</i>	
Definition: Assist the self-evacuation of affected population by providing public information and instructions, traffic control, and support services to evacuees along evacuation routes	
Critical Tasks	
Res.B3a 5.1	Provide public notification agencies with information to provide instructions for evacuation
Res.B3a 5.2	Activate approved traffic control plan
Res.B3a 5.2.1	Coordinate with appropriate agencies regarding support for traffic control
Res.B3a 5.1.2	Provide information regarding evacuation staging area location
Res.B3a 5.4.3	Implement procedures for allowing voluntary tracking of evacuees who participate voluntarily
Res.B3a 5.3	Monitor evacuation traffic flow/demand and adjust evacuation traffic management plan and measures as appropriate
Res.B3a 5.4.1	Provide services (e.g., gas, food, water, tow trucks, etc.) along the evacuation route(s)
Res.B3a 5.4.2	Monitor evacuation traffic to identify those no longer able to self-evacuate and requiring specialized assistance
Performance Measures	
	Metric
Frequency with which public is initially notified of evacuation procedures, routes, locations, or sources of evacuation information	Every 30 minutes
Frequency with which public is notified of evacuation procedures, routes, locations, or sources of evacuation information throughout the incident.	Every 2 hours
Time in which the traffic and transportation plan is implemented to enable evacuation within the incident timeframe	Within 3 hours from evacuation order
Time in which the evacuation of the affected general population for an event with advanced warning is completed	Within 72 hours from the order to evacuate

Activity: <i>Collect and Evacuate Population Requiring Assistance</i>	
Definition: Upon identification of individuals requiring assistance and type of assistance required, collect and move individuals to established evacuation staging/reception area for further services	
Critical Tasks	
Res.B3a 6.1	Order transportation services for evacuation
Res.B3a 6.1.1	Coordinate with supporting agencies and pre-arranged providers to obtain appropriate means of transportation for those requiring transportation assistance (e.g., buses, ambulances, handicap-assisted vans)
Res.B3a 6.1.2	Implement plans for providing alternative means of transport for immobilized individuals or those needing other special assistance in transit
Res.B3a 6.2.3	Provide appropriate specialized transportation services for those requiring additional support during evacuation

Res.B3a 6.2.4	Coordinate provision of medical support services for evacuating special needs populations	
Res.B3a 6.3.1	Collect individuals at pre-established collection points and transfer to staging/reception area	
Res.B3a 6.3.2	Collect individuals at non-specified locations and transfer to staging/reception area	
Performance Measures		Metric
Percent of requests for evacuation assistance for those in need that are met in accordance with established procedures		100%
Procedures for obtaining evacuation assistance are publicized to general public		Yes/No
Percent of service organizations following established procedures to provide evacuation assistance		100%
Sources of surge transportation assistance for evacuations are contacted and provided information on their role		Yes/No
Sources of assistance to evacuated persons with special needs are contacted and provided information on their role		Yes/No
Specific arrangements for medical support services for evacuation of those requiring it are implemented		Yes/No
Transportation assistance is provided for/by hospitals, nursing homes and other institutions that will need to evacuate or help/evacuate those in their care		Yes/No
Collection points for individuals needing special evacuation assistance are established and publicized		Yes/No

Activity: Operate Evacuation Staging/Reception Area

Definition: In coordination with mass care, medical, and other service agencies, provide immediate basic needs and processing of evacuated individuals en route to other destinations (e.g., to shelters, hospitals, etc.)

Critical Tasks

Res.B3a 7.1	Establish evacuation staging/reception area	
Res.B3a 7.1.1	Conduct security sweeps of evacuation staging/reception areas prior to occupancy, if incident is a terrorist attack or suspected terrorist attack	
Res.B3a 7.2.1	Provide, in coordination with mass care, for basic needs support and processing of evacuated individuals and companion animals in preparation for further movement	
Res.B3a 7.2.2	Provide, in coordination with medical care, access to medical services for evacuated individuals in staging/reception area	
Res.B3a 7.2.3	Provide, in coordination with WMD and Hazardous Materials Response capability, for decontamination of evacuated individuals if necessary (including those with medical needs)	
Res.B3a 7.2.4	Coordinate with appropriate agencies to address needs of those requiring assistance	
Res.B3a 7.3.1	Provide tracking of people needing evacuation assistance	
Res.B3a 7.3.2	Provide voluntary registration/tracking system for general population to support reunification	
Performance Measures		Metric

Percent of evacuation staging/reception areas in the affected area that are coordinated with necessary sites and assisting agencies	100%
Public information messages regarding evacuation staging/reception areas are prepared and disseminated	Yes/No
Percent of evacuees whose basic needs are addressed at the staging area	100%

Activity: *Manage Incoming Evacuees*

Definition: In coordination with other service agencies, provide short-term and long-term support to evacuees arriving from affected areas

Critical Tasks

Res.B3a 8.1	Establish reception areas/centers for evacuees in the host jurisdiction
Res.B3a 8.2	Monitor traffic movement of self-evacuees into/through area, and redirect as necessary
Res.B3a 8.3	Coordinate with support agencies to provide short-term needs for evacuees, such as directions, information, shelter, medical care, and other assistance
Res.B3a 8.4	Plan, in coordination with social service agencies, for long-term support for evacuees (e.g., temporary housing, schools, job searches, etc.)

Performance Measures

Metric

Percent of evacuation staging/reception areas in the host jurisdiction that are coordinated with necessary authorities and assisting agencies	100%
Public information messages to publicize evacuation staging/reception areas in the host jurisdiction are prepared and disseminated	Yes/No
Processing, registration and tracking systems are established with procedures, necessary forms and materials, and trained staff	Yes/No
Plans are completed and arrangements established to provide necessary care, shelter, lodging and short term needs of evacuees	Yes/No

Activity: *Implement In-Place Protection Procedures*

Definition: Upon in-place protection activation, assist at-risk population in sheltering in homes or designated in-place sheltering locations

Critical Tasks

Res.B3a 9.2	Identify steps to reduce infiltration of hazard(s)
Res.B3a 9.3.1	Ensure access to emergency communications while sheltered-in-place
Res.B3a 9.3.2	Use emergency alerts system and Public Service Answering Points (PSAPs) to advise and update information of incident

Performance Measures

Metric

Percent of affected population immediately notified of initial in-place protection procedures, using standing emergency instructions	100%
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Time in which the affected general population is sheltered in place	Within 30 minutes from notification
Frequency with which follow-on instructions are provided to sheltered-in-place populations (e.g., hazard mitigation recommendations)	Continuous

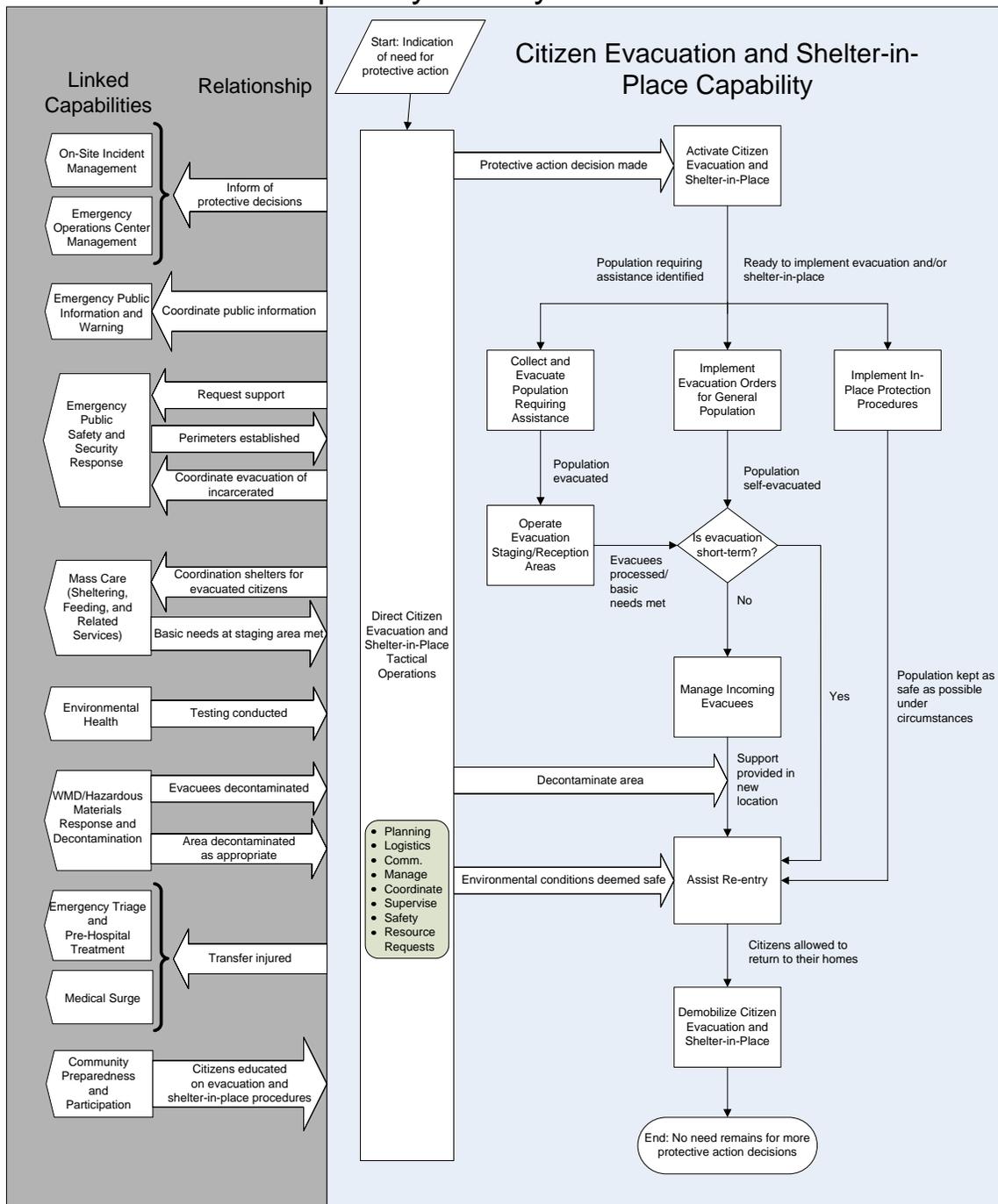
Activity: Assist Re-Entry	
Definition: Upon notification of the affected area being safe, assist in-shelter population and/or evacuees in re-entering area	
Critical Tasks	
Res.B3a 10.1	Adapt and implement reentry plans as officials announce areas within the region to be approved for reentry
Res.B3a 10.2	Assist in the re-entry of people and pets into evacuated areas when appropriate and safe
Res.B3a 10.3	Provide re-entry information to the public on a timely and on-going basis
Res.B3a 10.4	Coordinate with appropriate agencies to provide instructions and information if re-entry is not feasible
Performance Measures	
	Metric
Re-entry planning is conducted during the course of response to the event	Yes/No
Percent of affected evacuees notified of temporary re-entry procedures	100%
Percent of affected evacuees instructed of permanent re-entry procedures, including safety precautions	100%

Activity: Demobilize Citizen Evacuation and Shelter-In-Place Operations	
Definition: Upon completion of assigned duties, decontaminate equipment, supplies, and personnel if appropriate, and demobilize	
Critical Tasks	
Res.B3a 11.1	Arrange for decontamination of equipment, supplies, and personnel used in evacuation/in-place protection
Res.B3a 11.2	Participate in incident debriefing on evacuation/in-place protection implementation
Res.B3a 11.3	Release personnel supporting evacuation/in-place protection
Performance Measures	
	Metric
Percent of Citizen Evacuation and/or Shelter-In-Place personnel debriefed	100%
Lessons learned are identified	Yes/No
Lessons learned are addressed	Yes/No

Linked Capabilities

Linked Capability	Relationship
Community Preparedness and Participation	Citizen Evacuation and Shelter-In-Place coordinates with Community Preparedness and Participation to ensure that citizens are educated on how to prepare for and conduct evacuation and sheltering-in-place.
On-Site Incident Management	Citizen Evacuation and Shelter-In-Place management integrates itself into the local Incident Command/Unified Command system to coordinate protective action decisions.
WMD and Hazardous Materials Response and Decontamination	Citizen Evacuation and Shelter-In-Place coordinates with WMD and Hazardous Materials Response and Decontamination to ensure evacuation and/or in-place protection personnel and equipment are appropriately decontaminated. WMD and Hazardous Materials Response and Decontamination also supports decontamination of evacuees when necessary.
Emergency Operations Center Management	Citizen Evacuation and Shelter-In-Place management works through the EOC Management to notify affected and general population of protective action decisions.
Emergency Public Safety and Security Response	Citizen Evacuation and Shelter-In-Place relies upon Emergency Public Safety and Security Response assistance to safely maneuver affected populations through evacuation routes and provide assistance for traffic and crowd control. Emergency Public Safety and Security Response also handles the evacuation of the incarcerated populations at risk.
Emergency Triage and Pre-Hospital Treatment	Citizen Evacuation and Shelter-In-Place coordinates with Emergency Triage and Pre-Hospital Treatment to obtain immediate medical treatment for evacuees in need, either en-route or at evacuee staging area.
Medical Surge	Citizen Evacuation and Shelter-In-Place coordinates with Medical Surge to obtain immediate medical treatment for evacuees in need, either en-route or at evacuee staging area.
Mass Care (Sheltering, Feeding, and Related Services)	Citizen Evacuation and Shelter-In-Place coordinates with Mass Care to provide basic services to evacuees and assists in transferring evacuees to Mass Care shelters for at-risk populations.
Emergency Public Information and Warning	Citizen Evacuation and Shelter-In-Place coordinates with emergency public information and warning to provide accurate, timely and continuous information to the affected and general populations regarding evacuation and/or shelter-in-place orders and procedures, and subsequent reentry information and instructions.
Environmental Health	Citizen Evacuation and Shelter-In-Place relies on Environmental Health for assessment of hazards to determine whether areas are safe for re-entry.

Capability Activity Process Flow



Resource Element Description

Resource Elements	Components and Description
Emergency Alert System (EAS)	Established by the FCC in 1994 to provide the President with access to thousands of broadcast stations, cable systems and participating satellite programmers to transmit a message to the public.
Public Warning Systems	Other notification systems including sirens, call-out systems, television captioning system, and any system capable of reaching 100% of the at-risk population, including a redundant capability
Traffic control packages	Teams of law enforcement personnel and traffic control equipment (barriers, cones, directional signals)
Transportation vehicles	Buses and other mass transit vehicles, including drivers, able to provide transportation to evacuees, including for re-entry
Security and law enforcement officers	To provide traffic control, using legal authority alter traffic flow and use of highways
Non-law enforcement traffic controllers	Other persons, (non-law enforcement types, such as Volunteers in Police Service) assigned traffic control duties at other intersections directing traffic flow
Small Animal Transport Teams	Per NIMS
DOT Evacuation Coordination Team (Type I, II, and III)	Per NIMS, facilitates the rapid, efficient, and safe evacuation of threatened populations
DOT Evacuation Liaison Team	Per NIMS, provides support in State and local emergency response efforts by compiling, analyzing, and disseminating traffic-related information that can be used to facilitate the rapid, efficient, and safe evacuation and reentry of threatened populations.

Planning Assumptions

General

- Although applicable to several of the 15 National Planning Scenarios, the capability factors were developed from an in-depth analysis of the Chlorine Tank Explosion scenario. Other scenarios were reviewed to identify required adjustments or additions to the planning factors and national targets.
- This capability applies to a wide range of incidents and emergencies, including accidental or deliberate disease outbreaks, natural disasters, and nuclear and conventional events.
- Large-scale evacuations, organized or self-directed, may occur. More people are initially likely to flee and seek shelter for attacks involving chemical, biological, radiological or nuclear agents than for natural events.
- Evacuation times and the frequency with which the public is notified of evacuation procedures are both incident driven. The times may change depending on whether it is an immediate or long term evacuation.
- The time it takes to complete an evacuation is also incident driven depending on the type of hazard.
- Transportation and traffic routes will be severely and negatively affected by the evacuation
- Many evacuees will require provision of transportation.
- The health-related implications of an incident may aggravate or impair attempts to implement a coordinated evacuation management strategy.

- Public anxiety and stress will result from evacuations, requiring mental health services, appropriate risk communications, and public education/instruction.
- Local jurisdictional resources will be quickly overwhelmed and will require mutual aid from other jurisdictions and support from Federal, State, and regional agencies.
- Through memoranda of understanding (MOUs) incorporated into planning, adjacent communities will be prepared to handle significant numbers of evacuees from affected areas. These host communities also will identify resources, personnel, and equipment to shelter and support evacuees.
- Pre-event identification of shelter sites has been planned for by emergency management agencies and MOUs are in place for use of the facilities.
- Although shelters will require a minimum time for setup and activation, populations will require services immediately on evacuation, notably those for special needs populations and containment.
- For shelter-in-place, evacuation, sheltering, and reentry planning, each jurisdiction has unique hazards and unique resources. Capabilities for at-risk populations are based on jurisdictional hazard vulnerability analysis. Plans (including emergency operations plans), procedures, mutual aid agreement, and so forth must be in place to support effective evacuation and sheltering, dependent on the hazard/risk analysis and the resources available for the at-risk population. The measurement for this capability is: Can the jurisdiction evacuate and/or shelter the at-risk population and, if they cannot, what actions will procure/garner adequate resources for them?

Scenario-Specific

- A large amount of the chemical chlorine has been released into the atmosphere (a plume) and is disbursed in a widely populated area. Decontamination of evacuees will require additional resources and triage areas before citizens can be sheltered; therefore, fire/emergency medical services (EMS), hospitals, and HazMat teams will be required to decontaminate evacuees.
- Local and regional resources will be quickly overwhelmed and require State and Federal assistance.
- Long-term sheltering and decontamination will be required.
- City/jurisdiction is a large urban area with a network of streets and highways. Within the affected area, the evacuation and reentry routes and zones encompass 25 major intersections in a 25-mile evacuation radius.
- Approximately 25 percent of the evacuated population will require shelter. The remaining populations will self-evacuate and arrange own shelter.
- Approximately one percent of the 25 percent of the evacuated populations are special need populations and will require medical shelters and appropriate transportation.

Planning Factors from an In-Depth Analysis of a Scenario with Significant Demand for the Capability (Chlorine Tank Explosion)

Resource Organization	Estimated Capacity	Scenario Requirement Values	Quantity of Resources Needed
Emergency Alert Systems	1 system that will alert 100% of the at-risk population	Warning and notification of 700,000 people	1 system nationally
Public warning system	1 system that will alert 100% of the at-risk population	Warning and notification of 700,000 people	1 system within the jurisdiction to reach the at-risk population with redundant capability

Resource Organization	Estimated Capacity	Scenario Requirement Values	Quantity of Resources Needed
Traffic control packages	Provision of traffic control equipment and towing of vehicles/obstacles	70,000 people will self-evacuate and reenter the affected areas when safe, leading to traffic congestion and delaying response assets	Within high-risk evacuation area (distributed to predetermined locations): 1,000 barriers 1,000 traffic cones 50 directional signs
Transportation vehicles	Each bus can hold 50 people and can be recycled and used multiple times during an evacuation Federal resources are not timely for immediate evacuation, but can be used for reentry	630,000 people will require assistance with evacuation through buses; 630,000 people will need reentry assistance	Local and regional (combined): 100 buses, including school and mass transit buses and other vehicles of mass transportation State and unaffected areas: 100 buses Federal: 100 buses or other mass transit vehicles
Security and law enforcement officers	1 law enforcement officer at major intersections	The event occurs in a large urban area with extensive network of streets and traffic flows. 25 major intersections in the evacuation route	Local: 25 law enforcement officers Regional/State: 150–175 officers working outside the affected area restricting access and diverting highway traffic Regional/State: resources for reentry would be needed to augment local resources: 300 persons
Non-law enforcement traffic controllers			Local: 200 non-law enforcement persons to direct traffic along the evacuation/reentry routes
Small Animal Transport Teams	60% of households have companion animals (CAs) and most people will not evacuate if they believe there is no facility to support them and their animals (general population shelters generally do not accept CAs)	Average: 2 pets/household	10 Small Animal Transport Teams (per NIMS typing)

Target Capability Preparedness Level

Resource Element Unit	Type of Element	# of Units	Unit Measure (number per x)	Lead	Capability Activity supported by Element
Emergency Alert System (EAS)	Federal Resource	1	Nationally	Federal	Activate Evacuation and Shelter-In-Place Re-Entry
Public warning system	Non-NIMS Resource Organization	1	Per State	State	Activate Evacuation and Shelter-In-Place Re-Entry
Public Warning System	Non-NIMS Resource Organization	1	Per jurisdiction	Local	Activate Evacuation and Shelter-In-Place Re-Entry
Traffic control package	Resource Organization	1	In accordance with Evacuation Plans	Local	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures
Transportation Vehicles	Equipment	17	Per 100,000 population	Local	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures
Transportation Vehicles	Equipment	17	Per 100,000 population	State	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures
Transportation vehicles	Equipment	17	Per 100,000 population	Federal	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures
Law Enforcement and Security officers	Personnel		As required per incident	State	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures
Small Animal Transport Teams	NIMS-typed resource organization		As required per incident	Federal	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures
DOT Evacuation Coordination Team (Type I, II, and III)	NIMS-typed resource organization		As required per incident	Federal	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures

Resource Element Unit	Type of Element	# of Units	Unit Measure (number per x)	Lead	Capability Activity supported by Element
DOT Evacuation Liaison Team	NIMS-typed resource organization		As required per incident	Federal	Implement Evacuation Orders for General Population Implement In-Place Protection Procedures

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