

Cybersecurity Webinar Series

Part I - Emergency Management Planning for Cybersecurity

February 12, 2020



Q&A

The screenshot shows a browser window displaying the Zoom website. The browser's address bar shows 'https://zoom.us'. A green notification bar at the top of the browser indicates 'You are viewing Success Onboardin...s screen'. A 'View Options' dropdown menu is open, showing 'Original Size' and 'Exit Full Screen'. The Zoom website header includes the Zoom logo, navigation links for 'SOLUTIONS', 'PLANS & PRICING', and 'CONTACT SALES', and user options for 'JOIN A MEETING', 'HOST A MEETING', and 'MY ACCOUNT'. The main content area features the headline 'One Consistent Enterprise Experience.' followed by six feature cards: Meetings, Video Webinar, Zoom Rooms, Business IM, H.323/SIP Connector, and Developer Platform. Each card includes a description and links to 'Watch Video' and 'Learn More'. At the bottom of the website, it says 'Happiest Customers. Best Reviews.' A meeting overlay is visible at the bottom of the browser window, showing 'Audio Settings', 'Chat', 'Raise Hand', 'Q&A', and a 'Leave Meeting' button.

Disclaimer

This is a NYS Health Center Controlled Network (NYS-HCCN) Activity
A HRSA-Funded Project of the Community Health Care Association of New York State
HCCN Grant Number: H2QCS30278

Welcome



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2020 HCCN Webinar Series

The webinar series consists of 3 parts with the following schedule:

Today

February 12

Part I - Emergency Management Planning for Cybersecurity

- *Introduction, general concepts of emergency management that would be important to consider for cybersecurity and protecting your data and systems.*

February 26

Part II – Cybersecurity Hazards: Threat, Assessment & Recovery

- *Focus on cybersecurity as a specific hazard, assessment of vulnerabilities, making a robust plan and recovering quickly when affected.*

March 10

Part III – Cybersecurity through the lens of Business Continuity

- *Cybersecurity activities through the prism of the general organizational business continuity planning efforts*



2020 HCCN Webinar Series

Additionally, HITEQ will host the following webinars part of this HCCN series:

March 24 Ransomware Guidance

12:00 pm – 1:00 pm

- TO JOIN -

<https://zoom.us/j/958917558?pwd=emZ2WXF1N3o2eU1YSjMzdmJOZFhkdz09>

Password: 290814

April 7 Cybersecurity Breach Protection and Response

11:30 am – 12:30 pm

- TO JOIN -

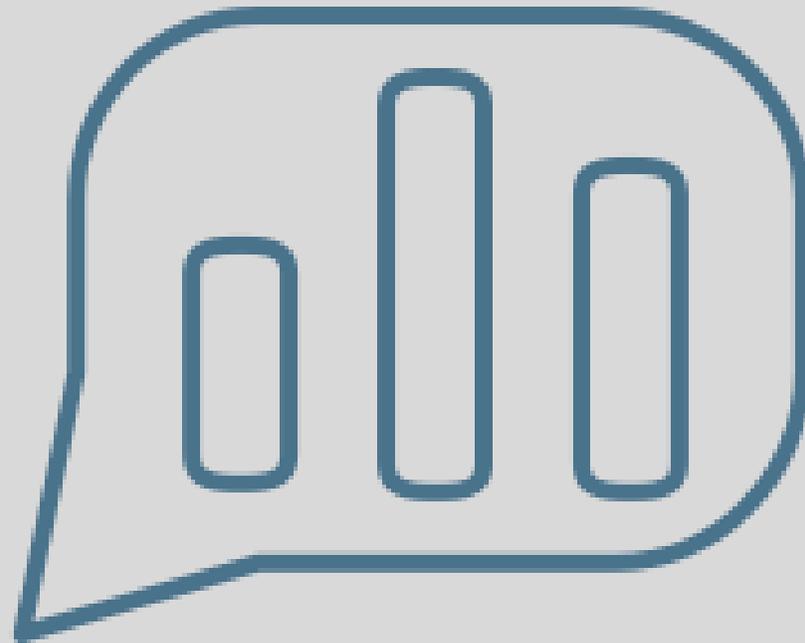
<https://zoom.us/j/342999407?pwd=cEE4RUtMMTZ2dGRoSitRNW5Pd3Jldz09>

Password: 255076

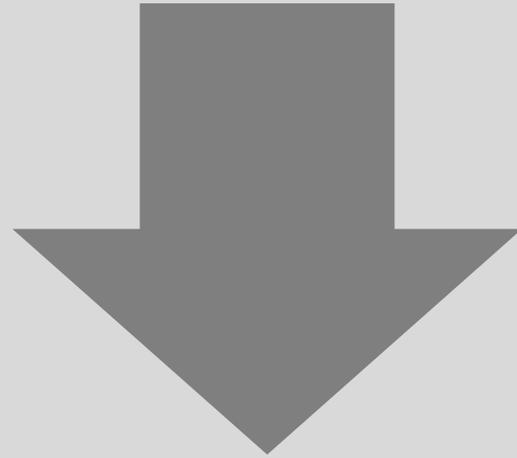
Today's Objectives

- Identify reasons for increased focus on cybersecurity
- Discuss general concepts of organizational emergency management and how cybersecurity fits in
- Understand the structure for an organizational emergency operations plan (EOP)
- Provide relevant resources

Participant Poll



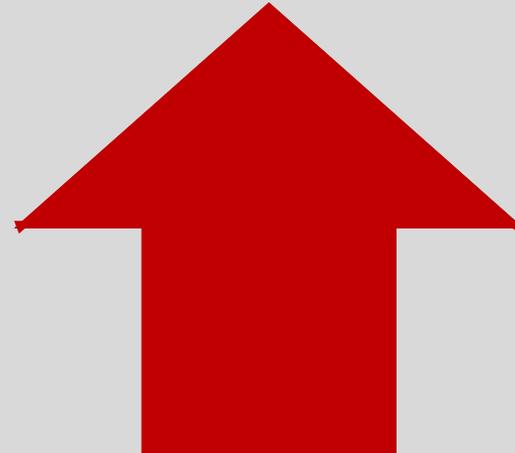
Why Worry About Cybersecurity?



Have
To



Want
To



CMS Emergency Preparedness Final Rule

- November 15, 2016 – *Emergency Preparedness Requirements for Medicare and Medicaid Participating Providers and Suppliers.*
- The goals of the new rule are:
 - *Increase patient safety during emergencies*
 - *Establish consistent emergency preparedness requirements across provider and supplier types*
 - *Establish a more coordinated response to natural and **man-made disasters.***

The screenshot displays the Federal Register page for the CMS Emergency Preparedness Final Rule. At the top, the National Archives logo and the text "FEDERAL REGISTER The Daily Journal of the United States Government" are visible. A blue banner on the right indicates it is a "Rule". The main title is "Medicare and Medicaid Programs; Emergency Preparedness Requirements for Medicare and Medicaid Participating Providers and Suppliers". Below the title, it states "A Rule by the Centers for Medicare & Medicaid Services on 09/16/2016". The document details section includes:

- AGENCY:** Centers for Medicare & Medicaid Services (CMS), HHS.
- ACTION:** Final rule.
- Printed version:** [PDF](#)
- Publication Date:** 09/16/2016
- Agencies:** [Centers for Medicare & Medicaid Services](#)
- Effective Date:** 11/15/2016

<https://www.federalregister.gov/d/2016-21404/p-amd-38>

Purpose of the CMS EP Final Rule

The rule establishes national emergency preparedness requirements to ensure adequate planning for both natural and man-made disasters, and coordination with Federal, state, tribal, regional, and local emergency preparedness systems.

The rule addresses the three **key essentials** necessary for maintaining access to health care services during emergencies:

- Safeguarding human resources
- **Maintaining business continuity**
- Protecting physical resources

An All-Hazards Approach

- Integrated approach to emergency preparedness that focuses on identifying hazards and developing emergency preparedness capacities and capabilities that can address those as well as a wide spectrum of emergencies or disasters.
- This approach includes preparedness for natural, man-made, and or facility emergencies that may include but is not limited to: care-related emergencies; equipment and power failures; interruptions in communications, **including cyber-attacks**; loss of a portion or all of a facility; and, interruptions in the normal supply of essentials, such as water and food.
- All facilities must develop an all-hazards emergency preparedness program and plan.



[*Appendix Z- EP SOM February 2019](#)

NYS Title 10 - Section 702.7 - Emergency and disaster preparedness

702.7 Emergency and disaster preparedness.

- Medical facilities shall have an acceptable written plan, rehearsed and updated at least twice a year, with procedures to be followed for the proper care of patients and employees, including the reception and treatment of mass casualty victims, in the event of an internal or external emergency or disaster arising from the interruption of normal services resulting from earthquake, tornado, flood, bomb threat, strike, interruption of utility services and similar occurrences.
- All employees are to be trained in all aspects of preparedness for any interruption of services and for any disaster.

HIPAA Security Rule Requirements

- The HIPAA Security Rule requires HIPAA covered entities and business associate to identify and respond to suspect or known security incidents; mitigate, to the extent practicable, harmful effects of security incidents that are known to the covered entity or business associate; and document security incidents and their outcomes. See 45 C.F.R. § 164.308(a)(6).
- The HIPAA Security Rule also requires HIPAA covered entities and business associates to establish and implement contingency plans, including data backup plans, disaster recovery plans, and emergency mode operation plans. See 45 C.F.R. § 164.308(a)(7).

<https://www.hhs.gov/sites/default/files/ocr/privacy/hipaa/administrative/securityrule/adminsafeguards.pdf?language=es>



HIPAA Security Rule

The HIPAA Security Rule requires covered entities to maintain reasonable and appropriate administrative, technical, and physical safeguards for protecting e-PHI. Specifically, covered entities must:

- Ensure the confidentiality, integrity, and availability of all e-PHI they create, receive, maintain or transmit;
- Identify and protect against reasonably anticipated threats to the security or integrity of the information;
- Protect against reasonably anticipated, impermissible uses or disclosures; and
- Ensure compliance by their workforce.

HIPAA Security Rule

The HIPAA security standards are divided into three categories:

1. **Administrative safeguards:** In general, these are the administrative functions that should be implemented to meet the security standards.
2. **Physical safeguards:** In general, these are the mechanisms required to protect electronic systems, equipment and the data they hold, from threats, environmental hazards and unauthorized intrusion.
3. **Technical safeguards:** In general, these are primarily the automated processes used to protect data and control access to data.

HIPAA Security Rule

Each set of safeguards is comprised of a number of **standards** which are generally comprised of a number of **implementation specifications**.

Implementation specifications are either:

- **Required:** Covered entity must implement policies and/or procedures that meet what the implementation specification requires; or
- **Addressable:** Covered entity must assess whether it is a reasonable and appropriate safeguard in the entity's environment.
 - *If the covered entity chooses not to implement an addressable specification based on its assessment, it must document the reason and, if reasonable and appropriate, implement an equivalent alternative measure.*

HIPAA Security Rule

Administrative safeguards: Contingency plan - §164.308(a)(7)(i)

- **Standard:** Establish (and implement as needed) policies and procedures for responding to an emergency or other occurrence (for example, fire, vandalism, system failure and natural disaster) that damages systems that contain ePHI.

HIPAA Security Rule

Administrative safeguards: Implementation specifications

- A. **Data backup plan (Required):** Establish and implement procedures to create and maintain retrievable exact copies of ePHI.
- B. **Disaster recovery plan (Required):** Establish (and implement as needed) procedures to restore any loss of data.
- C. **Emergency mode operation plan (Required):** Establish (and implement as needed) procedures to enable continuation of critical business processes for protection of the security of ePHI while operating in emergency mode.

HIPAA Security Rule

Administrative safeguards: Implementation specifications

- D. Testing and revision procedures (Addressable): Implement procedures for periodic testing and revision of contingency plans.
- E. Application and data criticality analysis (Addressable): Assess the relative criticality of specific applications and data in support of other contingency plan components.

HIPAA Security Rule

Physical safeguards: Device and media controls - §164.310(d)(1)

Standard: Implement policies and procedures that govern the receipt and removal of hardware and electronic media that contain ePHI into and out of a facility, and the movement of these items within the facility.

Implementation specifications:

(iv) **Data backup and storage (Addressable):** Create a retrievable exact copy of ePHI, when needed, before movement of equipment.

HIPAA Security Rule

Technical safeguards: Access controls - §164.312(a)(1)

Standard: Implement technical policies and procedures for electronic information systems that maintain ePHI to allow access only to those persons or software programs that have been granted access rights.

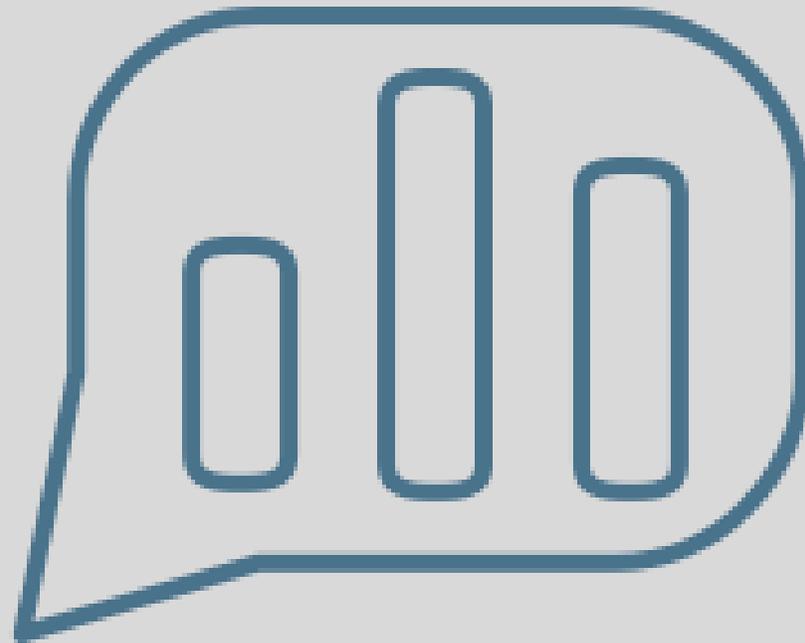
Implementation specifications:

(2)(ii) Emergency access procedure (Required): Establish (and implement as needed) procedures for obtaining necessary ePHI during an emergency

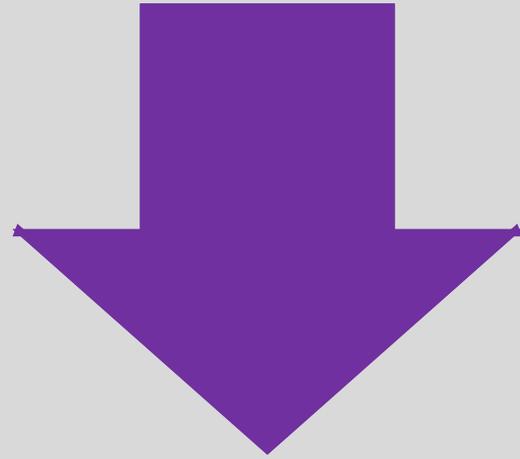
Additional Requirements

- The Joint Commission
- AAAHC (Accreditation Association for Ambulatory Health Care)
- Others

Participant Poll



Why Worry About Cybersecurity?



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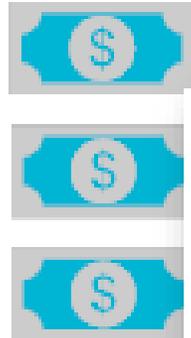
Hackers Love the Health Sector

- Recent U.S. government interagency report indicated average 4,000 daily ransomware attacks on the sector since early 2016;
- 300% increase of ransomware attacks over 2015 - more than any critical infrastructure sector).
 - *Identified 23 different patient safety risks, 55% related to loss of PHI*
- According to TrendMicro, health care was the sector that was hit the hardest by data breaches from 2010 through 2015. Two-thirds were due to the loss or theft of things like laptops, smartphones or thumb drives.
 - https://www.washingtonpost.com/news/the-switch/wp/2016/03/28/why-hackers-are-going-after-health-care-providers/?noredirect=on&utm_term=.4f1987c5e5ef

Did You Know?

- Worldwide, the number of cyberattacks increased 40 percent; in 2015, criminal attacks became the number one root cause of data breaches in health care
- Cybercriminals are using cyberattack techniques, tools, tactics and scope that are changing at an exponential pace.
- Cyberattacks using malware or viruses can occur from internal or external sources. Common targets of health care cyberattacks include:
 - *Medical devices (e.g. radiology equipment, blood gas analyzers, therapeutic equipment, and life support equipment)*
 - *Technology equipment, including computers, telephone systems, video conferencing, routers and firewalls*
 - *Clinical EHR software and equipment*
 - *Financial and employee information*
 - *Building control/plant operating systems*
- Health care information is worth 10 times more than credit card numbers on the black market.

Can It Happen to Me?



\$4.2

Data Breach Cost Per Record

Health

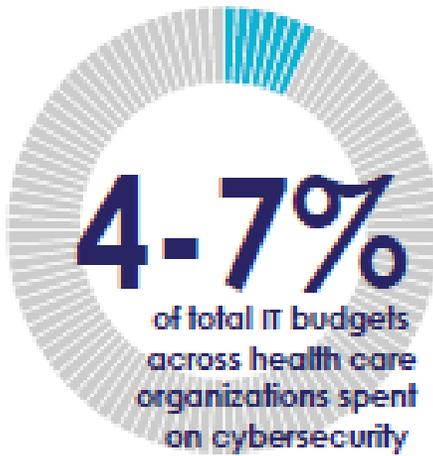
Financial

Technology \$

Education \$1

Comm \$128

\$0 \$100 \$200



4 in 5

U.S. physicians have experienced
some form of a cybersecurity attack

10-14%



Common Vulnerabilities in the Healthcare Sector

- Legacy equipment, technology, software – outdated/no longer supported operating systems; no security patches available;
 - *one legacy system was found to have over 1400 vulnerabilities;*
- Nature of the work: increased need for interconnectivity/internet connected devices
- Rapid roll out without proper secure design or testing
- Lack of workforce training on cyber and network security
- Exploit the human element in a dynamic healthcare environment with frequent staff changes

IT Will Handle It! Right?

IT security professionals are still struggling to fully secure their organizations and protect against breaches, according to a new report:

- Savvier thieves - data is now being stolen by a wide range of methods
- Blame game
- Security technology continues to operate in isolation
- There is a rift in regard to accountability
- Future proofing – IT professionals are purchasing equipment now that could have helped in previous breaches



<https://www.mcafee.com/enterprise/en-us/assets/reports/restricted/rp-data-exfiltration-2.pdf>

What Would Happen If...

Wana Decrypt0r 2.0

Oops, your files have been encrypted!

English

What Happened to My Computer?

Your important files are encrypted. Many of your documents, photos, videos, databases and other files are no longer accessible because they have been encrypted. Maybe you are busy looking for a way to recover your files, but do not waste your time. Nobody can recover your files without our decryption service.

Can I Recover My Files?

Sure. We guarantee that you can recover all your files safely and easily. But you have not so enough time. You can decrypt some of your files for free. Try now by clicking <Decrypt>. But if you want to decrypt all your files, you need to pay. You only have 3 days to submit the payment. After that the price will be doubled. Also, if you don't pay in 7 days, you won't be able to recover your files forever. We will have free events for users who are so poor that they couldn't pay in 6 months.

How Do I Pay?

Payment is accepted in Bitcoin only. For more information, click <About bitcoin>. Please check the current price of Bitcoin and buy some bitcoins. For more information, click <How to buy bitcoins>. And send the correct amount to the address specified in this window. After your payment, click <Check Payment>. Best time to check: 9:00am - 11:00am GMT from Monday to Friday.

Payment will be raised on
1/4/1970 01:00:00
Time Left
00:00:00:00

Your files will be lost on
1/8/1970 01:00:00
Time Left
00:00:00:00

[About bitcoin](#)
[How to buy bitcoins?](#)
[Contact Us](#)

Send \$600 worth of bitcoin to this address:
13AM4VW2dhxYgXeQepoHkHSQuy6NgaEb94

Check Payment **Decrypt**

EMERGENCY PREPAREDNESS PROGRAM

Holistic approach to your organizational cybersecurity plans

Emergency Management Defined

Emergency Management –

- An ongoing process to... mitigate, prepare for, respond to, and to recover from, an incident that threatens life, property, operations, or the environment in order to maintain continuity of operations.

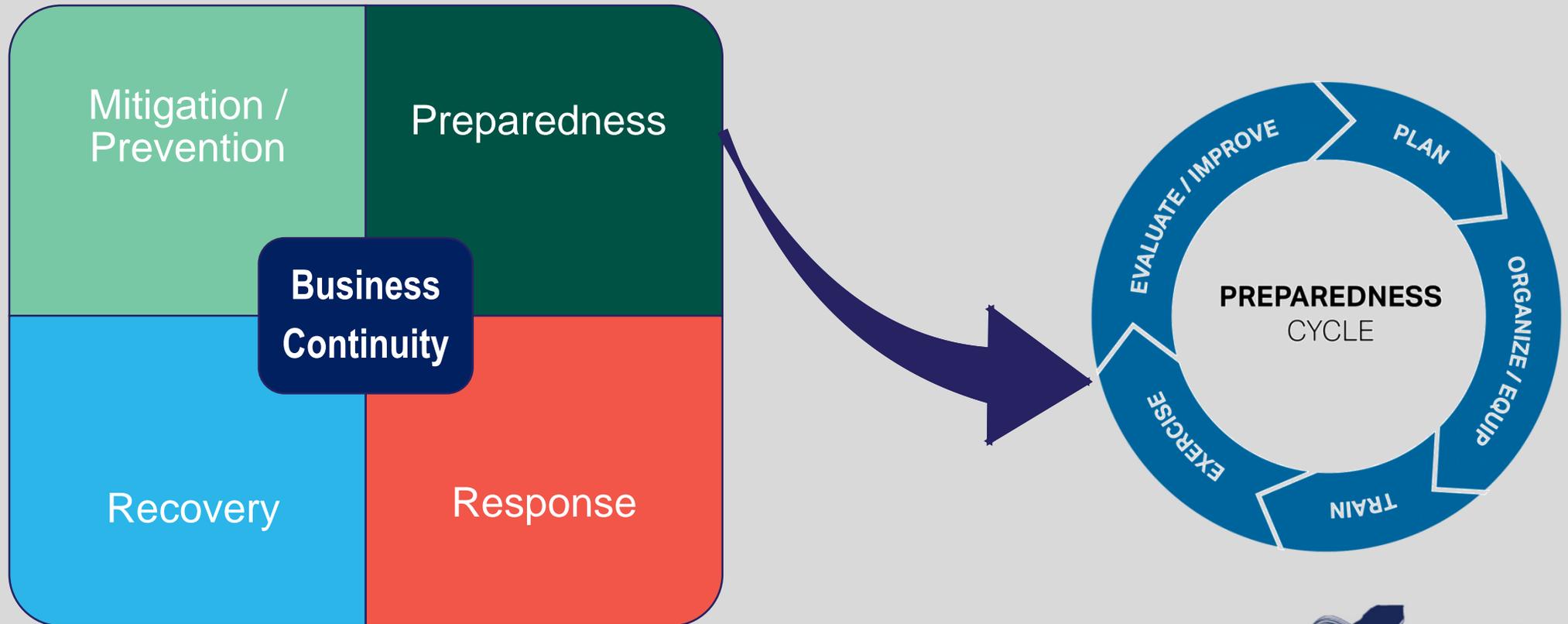
Source: National Fire Protection Association, Standard on Disaster/Emergency Management and Business Continuity Programs 1600, p. 5, 2013

EM vs. BCP

Emergency Management (EM)	Business Continuity Planning (BCP)
<ul style="list-style-type: none">➤ Focused on the <i>response to the specific hazards</i> of an emergency or disaster.	<ul style="list-style-type: none">➤ Focused on <i>maintaining processes to support your organization's essential services</i> during an emergency or disaster, as well as those that support restoration of normal operations as quickly as possible.➤ Part of the Emergency Operations Plan or maintained separately.

The Emergency Management Cycle

Emergency Management Programs are based on the four phases of the Emergency Management cycle:



Mitigation

Definition - *Sustained action to reduce or eliminate the risks to people and property from hazards and their effects**

- Mitigation actions should be considered long before an event and includes actions designed to reduce the risk to people and property from hazards
 - *Hazard identification and analysis*
 - *Design and construction applications*
 - *Insurance*
 - *Structural Controls*

Mitigation activities take place **before** and **after** an event

* Hadow, G. D., Bullock, J. A., & Coppola, D. P. (2014). *Introduction to emergency management*. Amsterdam: Elsevier.

Preparedness

Definition - *A state of readiness to respond to a disaster, crisis, or any other type of emergency situation**

- These are actions and preparations that will improve your chances of successfully dealing with an emergency
 - *Planning*
 - *Developing workforce resiliency*
 - *Continuity of Operations planning*
 - *Training and education*
 - *Exercises*

Preparedness activities take place **before** an event occurs

* Haddow, G. D., Bullock, J. A., & Coppola, D. P. (2014). *Introduction to emergency management*. Amsterdam: Elsevier.

Response

Definition - *Immediate actions to save lives, protect property, and meet basic human needs; responding safely to an event**

- *Response actions are typically keyed to the specific threat*
- *Activation of emergency operations plan and the Emergency Operations Center (EOC)*
- *Response is putting preparedness plans into action*

Response activities
take place **during** an
event

* Hadow, G. D., Bullock, J. A., & Coppola, D. P. (2014). *Introduction to emergency management*. Amsterdam: Elsevier.

Recovery

Definition – *The development, coordination, and execution of service- and site-restoration plans; operations and services; long-term care and treatment of affected persons; evaluation of the incident to identify lessons learned; post-incident reporting; and development of mitigation initiatives.**

- *Begins as soon as disaster strikes and ends when operations return to “normal”*
- *Short Term vs. Long Term (water main break vs. hurricane);*
- *The development, coordination, and execution of services and site restoration plans;*
- *Evaluation of the incident to identify lessons learned;*
- *Development of initiatives to mitigate the effects of future incidents.*

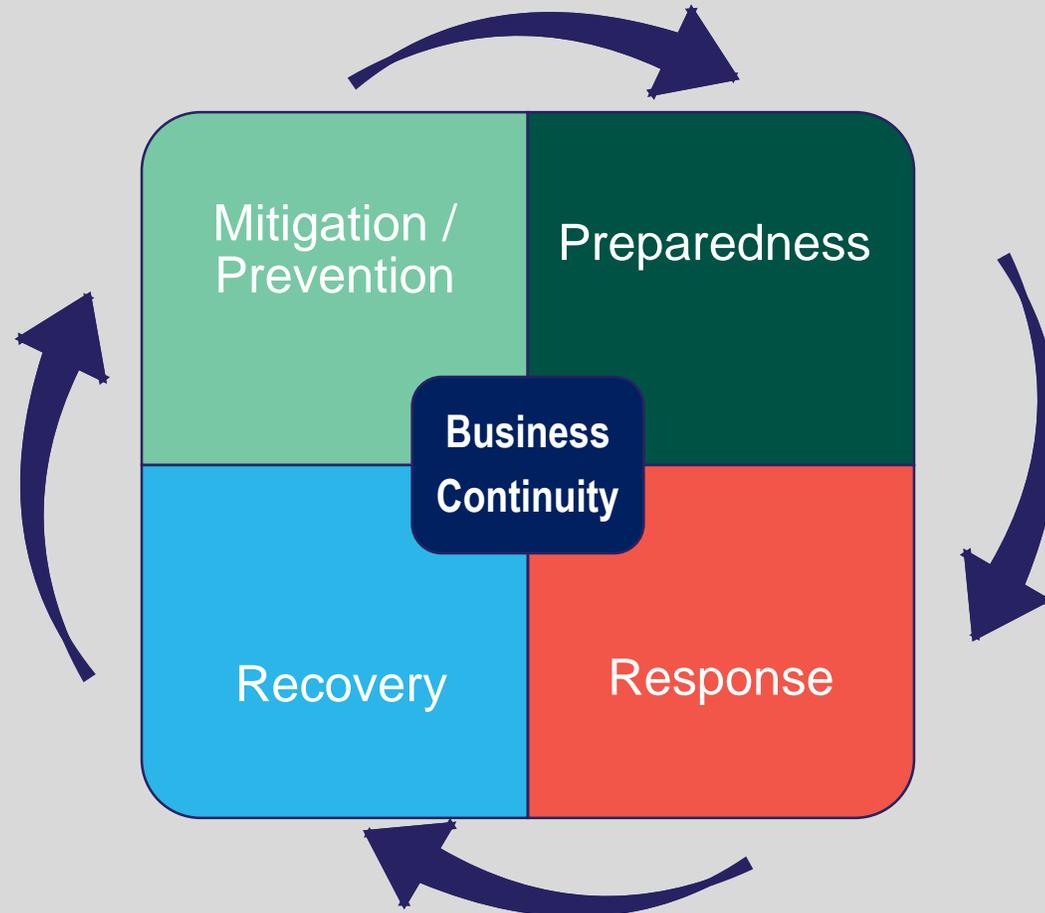
Recovery activities
take place **after** an
event



* Haddow, G. D., Bullock, J. A., & Coppola, D. P. (2014). *Introduction to emergency management*. Amsterdam: Elsevier.

Following Recovery

Following the recovery phase, consider things to do that would lessen or mitigate the effects of future disasters.



Emergency Management Program Defined

- **Emergency Preparedness Program:**
 - *The Emergency Preparedness Program describes a facility's **comprehensive** approach to meeting the health, safety and security needs of the facility, its staff, their patient population and community prior to, during and after an emergency and disaster.*

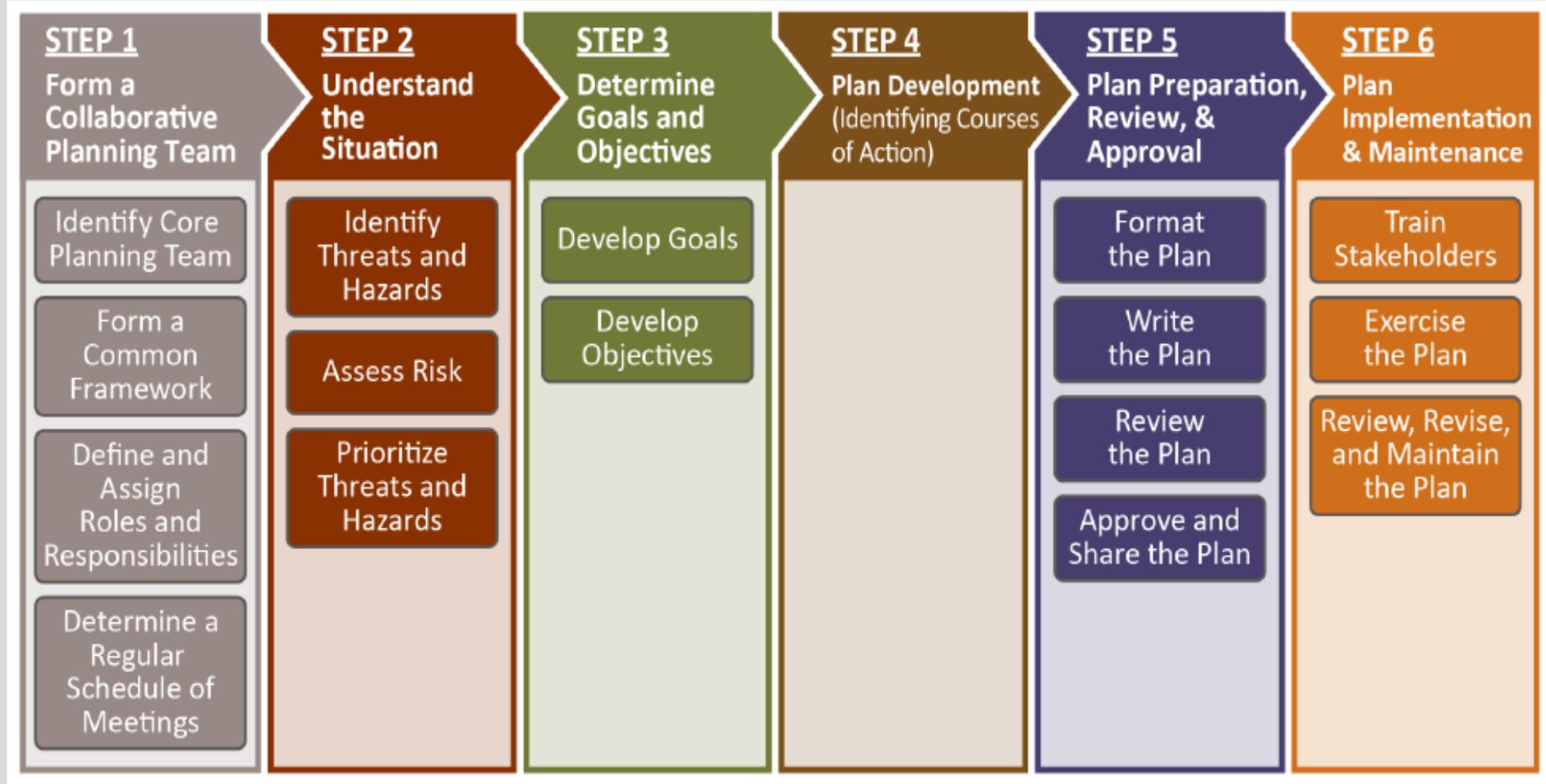
Source: CMS EP Rule Interpretive Guidelines



EM Program Essential Components



Steps in the EM Planning Process



Source: FEMA

<https://www.fema.gov/media-library/assets/documents/25975>

RISK ASSESSMENT

HVA/Risk Assessment Defined

Hazard vulnerability analysis (HVA) and risk assessment are systematic approaches to identifying hazards or risks that are most likely to have an impact on a healthcare facility and the surrounding community.



<https://asprtracie.hhs.gov/technical-resources/3/hazard-vulnerability-risk-assessment/1>

Examples of Risk Assessment/HVA Tools

EVENT	PROBABILITY				RISK			
	HIGH	MED	LOW	NONE	LIFE THREAT	HEALTH/SAFETY	HIGH DISRUPTION	MOD DISRUPTION
SCORE	3	2	1	0	5	4	3	2
NATURAL EVENTS								
Hurricane								
Tornado								
Severe Thunderstorm								
Snow fall								
Ice Storm								
Earthquake								
Storm Surge								
Temperature Extremes								
Drought								
Flood, External								
Wild Fire								
Epidemic/Pandemic								

THIRA
Threat and Hazard Identification and Risk Assessment Guide, Comprehensive Preparedness Guide (CPG) 201 Second edition August 2013.

This guide commonly referred to as THIRA will provide you with a process that will help you identify and understand risk. The guide outlines a four step process to help you develop a threat and hazard assessment.

THE NATIONAL CENTER FOR CAMPUS PUBLIC SAFETY
 128 Lakeside Avenue, Suite 302 | Burlington, VT 05405

Hazard Risk Assessment Instrument

HVA Terms

- **Probability** - Likelihood this will occur
- **Severity = (Magnitude - Mitigation)**
 - *Magnitude* - Human, Property, and/or Business Impact
 - *Mitigation* - Preparedness and Internal/External Response Capabilities

Priority Planning

- Based on the top risks identified by the HVA for each health center location, the health center should establish hazard specific plans.

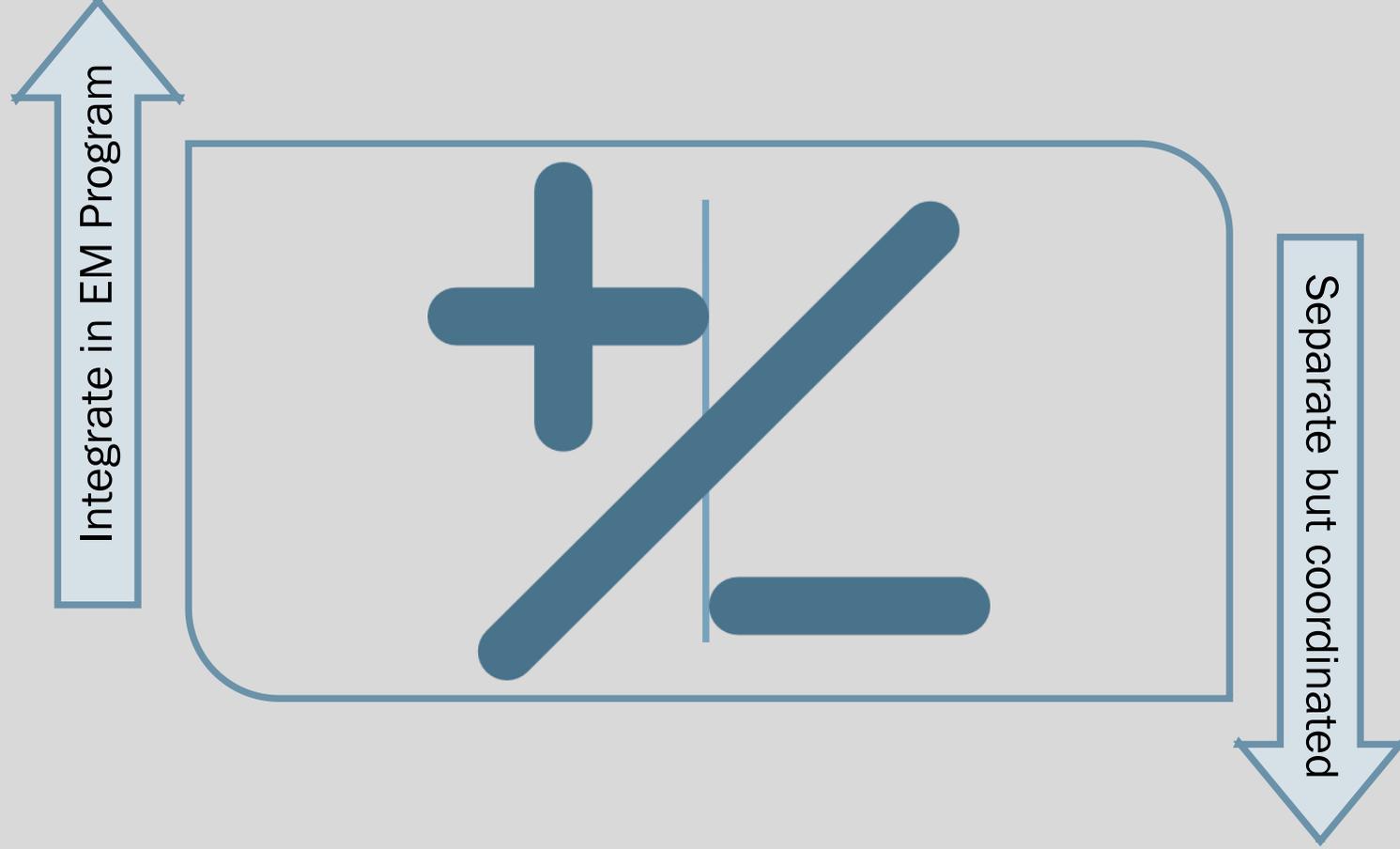
EXAMPLE: XYZ FQHC's top 5 priorities

1. *Inclement Weather*
2. *Coastal Storm*
3. *Active Shooter Threat*
4. *Cybersecurity Attack*
5. *Infectious Disease Outbreak*



CREATING AN APPROPRIATE PLAN

Integrate or Separate?



Emergency Operations Plan (EOP)

- **Emergency Management Plan:**

- *A continually updated document describing the comprehensive system of principles, policies, procedures, methods, and activities to be applied in response to a variety of emergencies and disasters.*

Source: HRSA Bureau of Primary Health Care Policy Information Notice 2007-15

- **Emergency Plan:**

- *An Emergency Plan provides the framework for the emergency preparedness program. The emergency plan is developed based on facility- and community-based risk assessments that assist a facility in anticipating and addressing facility, patient, staff and community needs and support continuity of business operations.*

Source: CMS EP Rule Interpretive Guidelines

EOP Traditional Format

- **Base Plan**
 - *Intro, Purpose, Communications, Finance etc.*
- **Functional Annexes**
 - *Business Continuity, Volunteer Management, Evacuation, Fire Safety, etc.*
- **Hazard-, Threat-, or Incident- Specific Annexes**
 - *Coastal Storm, Infectious Disease, **Cyberattack**, Inclement Weather, Active Shooter, etc.*



Developing and Maintaining Emergency Operations Plans

Comprehensive Preparedness Guide (CPG) 101

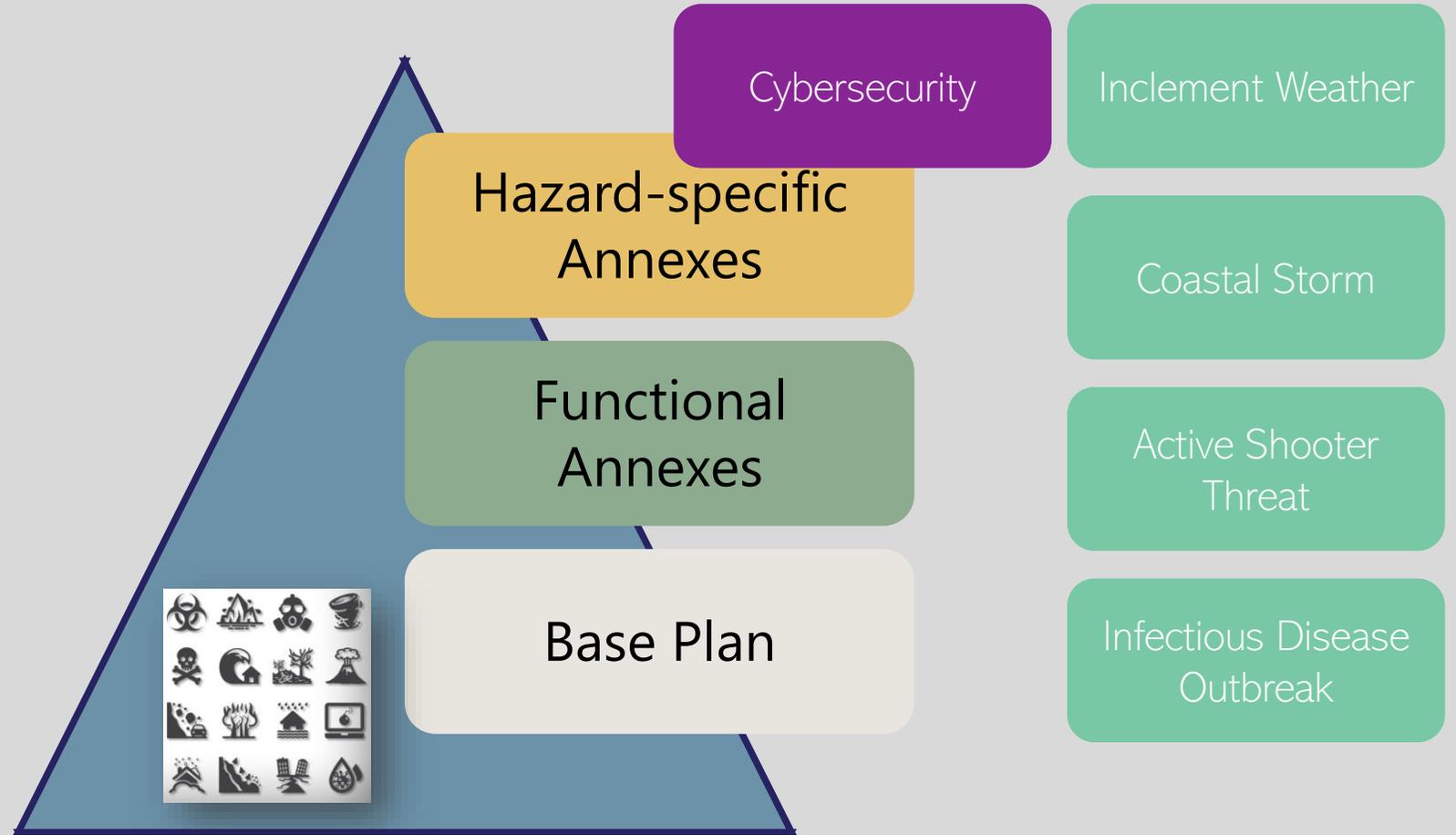
Version 2.0

November 2010



FEMA

Traditional Format



Healthcare Emergency Management & Business Continuity Framework

Continuity | Response | Recovery

Governance

Emergency Operations Planning (EOP)

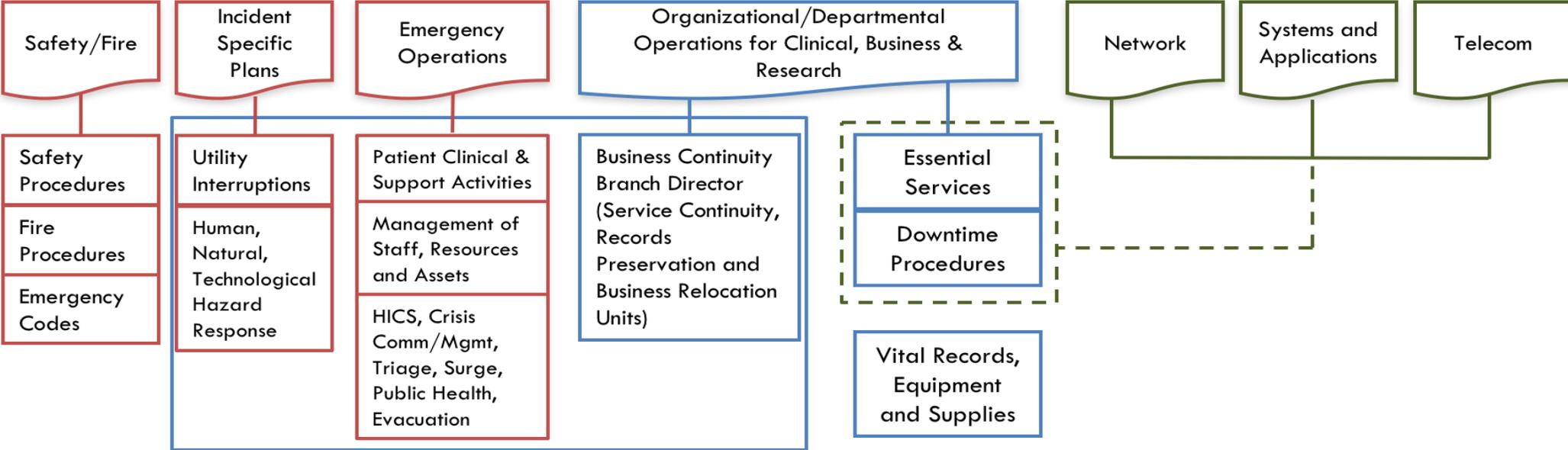
Plans, procedures and resources for all four emergency phases (mitigation, preparedness, response, and recovery), for all types of emergencies and disasters.

Business Continuity Planning (BCP)

Plans, procedures and resources to maintain and/or recover essential services and functions impacted by an event causing an interruption of normal operations.

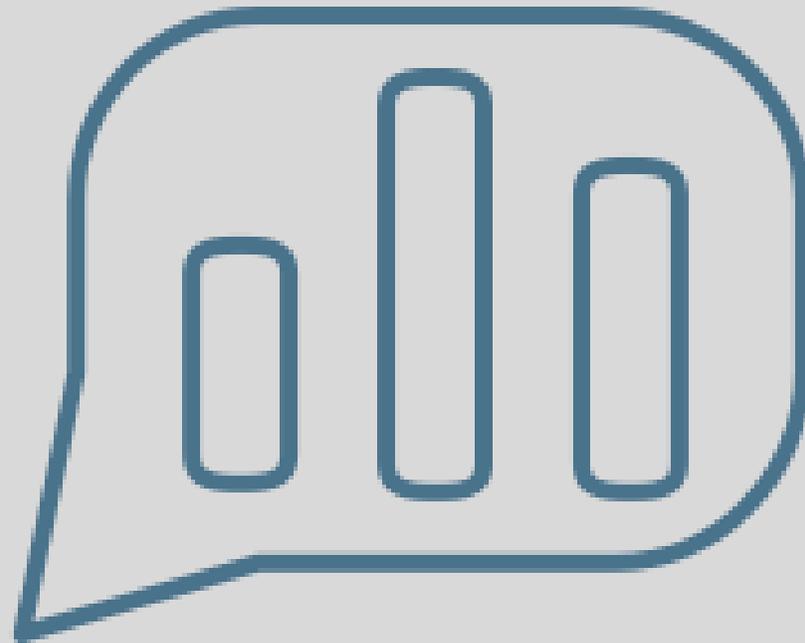
Disaster Recovery Planning (DRP)

Plans, procedures and resources to maintain and/or recover the information technology systems, network, and telecommunications services.



An integrated, multi-disciplinary program focused on supporting and strengthening the organization's core mission

Participant Poll



Emergency Operations Plan



- Available for download
- <https://www.nurseledcare.org/documents/item/567-health-center-emergency-management-plan-preview.html>

Proposed Health Center Plan Elements

- ✓ **Introduction**
 - *Authorization, revisions, distribution*
- 1. Program Administration**
 - *Summary, Purpose, Scope, EMC*
- 2. Situation and Assumptions**
 - *HVA, key assumptions*
- 3. Command and Control**
 - *ICS, authority, (de)activation, roles & responsibilities*
- 4. Continuity of Operations**
 - *Essential functions*
- 5. Communications**
 - *Risk communications, notifications, partners*
- 6. Buildings, Utilities, Safety and Security**
 - *Facilities, evacuation, utility, safety & security*
- 7. Finance, Logistics and Staff Care**
 - *EOC, supplies, volunteers, staff scheduling and care, HR, payroll*
- 8. Community Integration**
 - *Partners, coalitions, agreements, MH*
- 9. Plan Development and Maintenance**
 - *Development, review, storage, training, testing*
- 10. Hazard Specific Plans**
- 11. Standards, Regulations and Guidelines**

Plan Elements

INTRODUCTION

- Title page and table of contents
- Authorization or what makes the plan “official”
- Revision record, i.e. what, when and who revised
- Distribution record, i.e. when, how and who received it

Plan Elements

SECTION 1 - Program Administration

- Provides an executive **summary** of the plan
- Describes plan's objectives and scope
- Designates an Emergency Management **Committee**

Plan Elements

SECTION 2 - Situation and Assumptions

- Describes health center's **Hazard Vulnerability Analysis (HVA)** process, identifies potential hazards and risks to the health center and identifies top planning **priorities**.
- Outlines key **assumptions** of the plan, e.g. Health Center will experience top hazards as well as other lesser hazards; Health Center is required and expected to conduct emergency preparedness activities etc.

Plan Elements

SECTION 3 - Command and Control

- Outlines Health Center's **Incident Command System (ICS)**, roles and organizational chart
- Outlines procedures for the **activation** and deactivation of the Plan
- Describes procedures for incident action planning and **information** collection, documentation, dissemination
- Specifies **roles** of the health center and other partners across four phases of emergency management

Plan Elements

SECTION 4 – Continuity of Operations

- Identifies health center's **essential functions** (i.e. those that must continue during an emergency / disaster) and supporting processes.
- Refers to a more detailed **Business Continuity Plan (BCP)** and additional relevant information, such as insurance.

Plan Elements

SECTION 5 - Communications

- Describes **policies and protocols** for communication with the health center's staff, patients, the community, local partners, and response agencies
- Outlines procedures for **risk communications** and public information
- Identifies primary and alternate communications **systems**
- Identifies procedures for communication **exercises**

OR refers to a more detailed **Communications Plan** and additional relevant information, such as contact information details.

Definition of an Emergency Preparedness Communication Plan

An emergency preparedness communications plan is a **document** that provides **guidelines, contact information** and **procedures** for how information should be shared during all phases of an unexpected occurrence that requires immediate action.

Communication Plan

This document describes the following:

1. The **procedure to notify staff** that emergency response has been initiated.
2. The **steps** the facility will use to communicate information and instructions to its staff during an emergency.
3. The procedures to **notify external authorities** that emergency response measures have been initiated and communicate during the emergency.
4. How the facility will communicate with **patients and their families**.
5. How the facility will communicate with the **community** or the **media** during an emergency, including designation of a **Public Information Officer (PIO)**
6. How the facility will communicate with **suppliers** of essential services, equipment, and supplies during an emergency.

Communication Plan (cont.)

7. How the facility will communicate with **other health care organizations** in its geographic area regarding the essential elements of their respective command structures, the resources and assets that could be shared in an emergency response.
8. How the organization will communicate and under what circumstances will the organization communicate the **names of patients and the deceased** with other **health care** organizations in its geographic area.
9. How the organization will communicate and under what circumstances will the organization communicate information about patients to **third parties**.
10. What **primary** and **alternate** communication methods the organization will use.
11. How the organization will do **maintenance** / testing of data, equipment/software, and protocols.

Communications Plan



Available for download:

- <https://www.nurseledcare.org/documents/item/568-health-center-communications-plan-preview.html>

Plan Elements

SECTION 6 – Buildings, Utilities, Safety and Security

- Describes management of **facilities** (e.g. considerations for space owned vs. leased, regular inspections etc.)
- Refers to detailed **evacuation**, **sheltering in place**, fire safety, utility disruption, safety & security plans / policies
- Identifies **responsible staff** titles

Plan Elements

SECTION 7 - Finance, Logistics and Staff Care

- Identifies **Emergency Operations Center (EOC)** or Command Center for the health center
- Describes plans to maintain the health center's **supply chain** (e.g., delivery of Personal Protective Equipment, vaccines)
- Identifies policies for **volunteer** management
- Provides direction on relevant **human resource** policies, staff schedules, expense tracking etc.

Plan Elements

SECTION 8 - Community Integration

- Identifies health center's key **partners** and how the center's plans are integrated into the systems framework of planning
- Plans for the **integration** of health center's services into the community-wide response plans
- Lists standing **agreements** with partners, coalitions, responders, and other agencies
- Addresses emergency **mental health** provision policies

Plan Elements

SECTION 9 – Plan Development and Maintenance

- Describes how the Plan is developed, maintained, approved, distributed and stored
- Describes health center's **training** program
- Includes policies and procedures for the **evaluation** of training and **exercises**
- Describes methods to integrate **lessons learned** from both exercises and actual events into the plan and primary care center operations

Plan Elements

SECTION 10 - Hazard Specific Plans

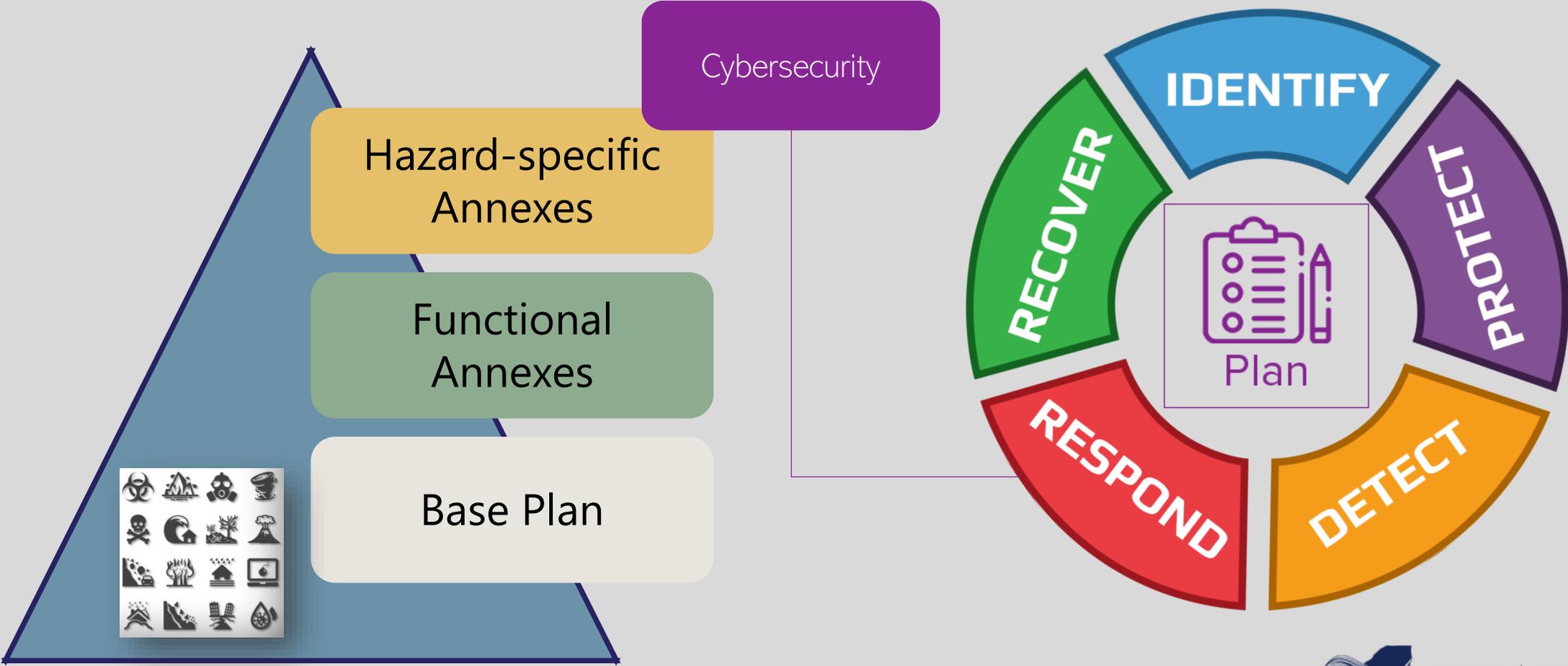
- Briefly describes [hazard-specific plans](#) / protocols for the organization and refers to the detailed plans attached as **Annexes**, which:
 - Include plans that address specific hazards identified in the HVA, such as coastal storms and pandemics
 - Include the four phases of emergency management (mitigation, preparedness, response, and recovery) in each plan
 - Build upon the other elements of the Emergency Management Plan
 - Include information about the specific hazard and response and recovery needs of the health center

Plan Elements

SECTION 11 – Standards, Regulations and Guidelines

- Lists all relevant **regulatory standards** that are applicable for the Plan and the health center (e.g. CMS EP Final Rule, HRSA PIN 2007-15, state regulations, etc.)

Bringing It All Together



Coming Up Next!

February 26

Part II – Cybersecurity Hazards: Threat, Assessment & Recovery

- *Focus on cybersecurity as a specific hazard, assessment of vulnerabilities, making a robust plan and recovering quickly when affected.*

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Webinar Evaluation

We value your feedback!



Questions?

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