

National Health Security Preparedness Index

Analytic Methodology & Model Design Work Group Meeting



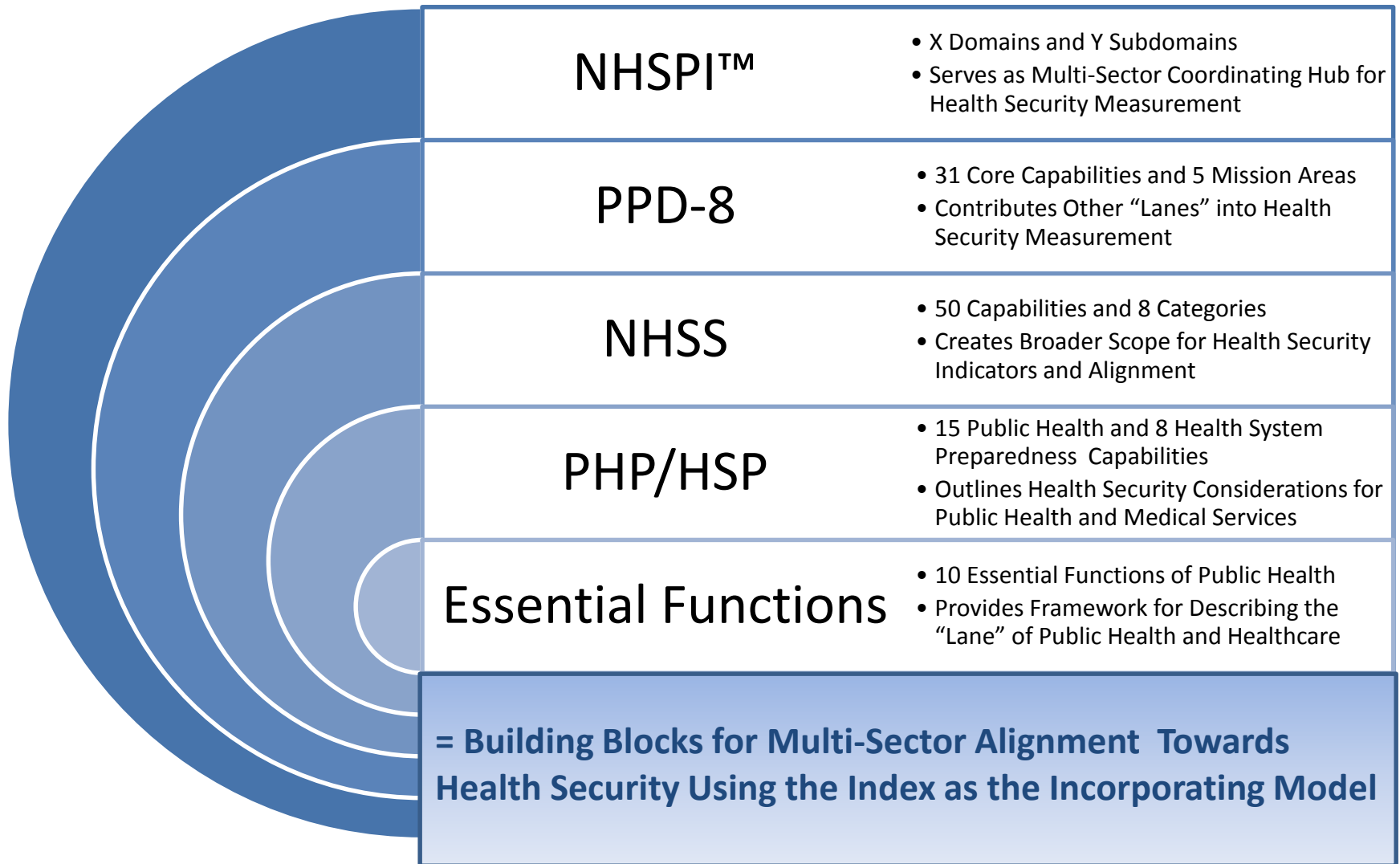
September 20, 2016

NHSPI Program Management Office
University of Kentucky

Agenda

- New or revised constructs & measures for 2017
 - Aligning with national frameworks
 - Individual-level measures of preparedness
 - BRFSS, FEMA's Household Survey
 - Occupational health
 - Other
- Call for new measures, October 18, 2016
- NHSPI Virtual Event, October 21, 2016





Mapping Capabilities - Sketch

James C. Rajotte

Step 1: Essential Functions of Public Health



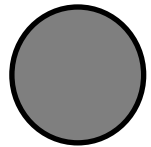
Step 2: PHEP Capabilities



Step 3: HPP Capabilities



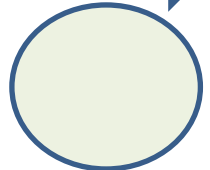
Step 4: NHSS Capabilities (Pilot – More to Add)



Step 5: FEMA Mission Areas (Using Core Capabilities as Determinants)



Step 6: Overlay NHPSP Domains



Step 7: Add NHPSP Sub-Domains Missing

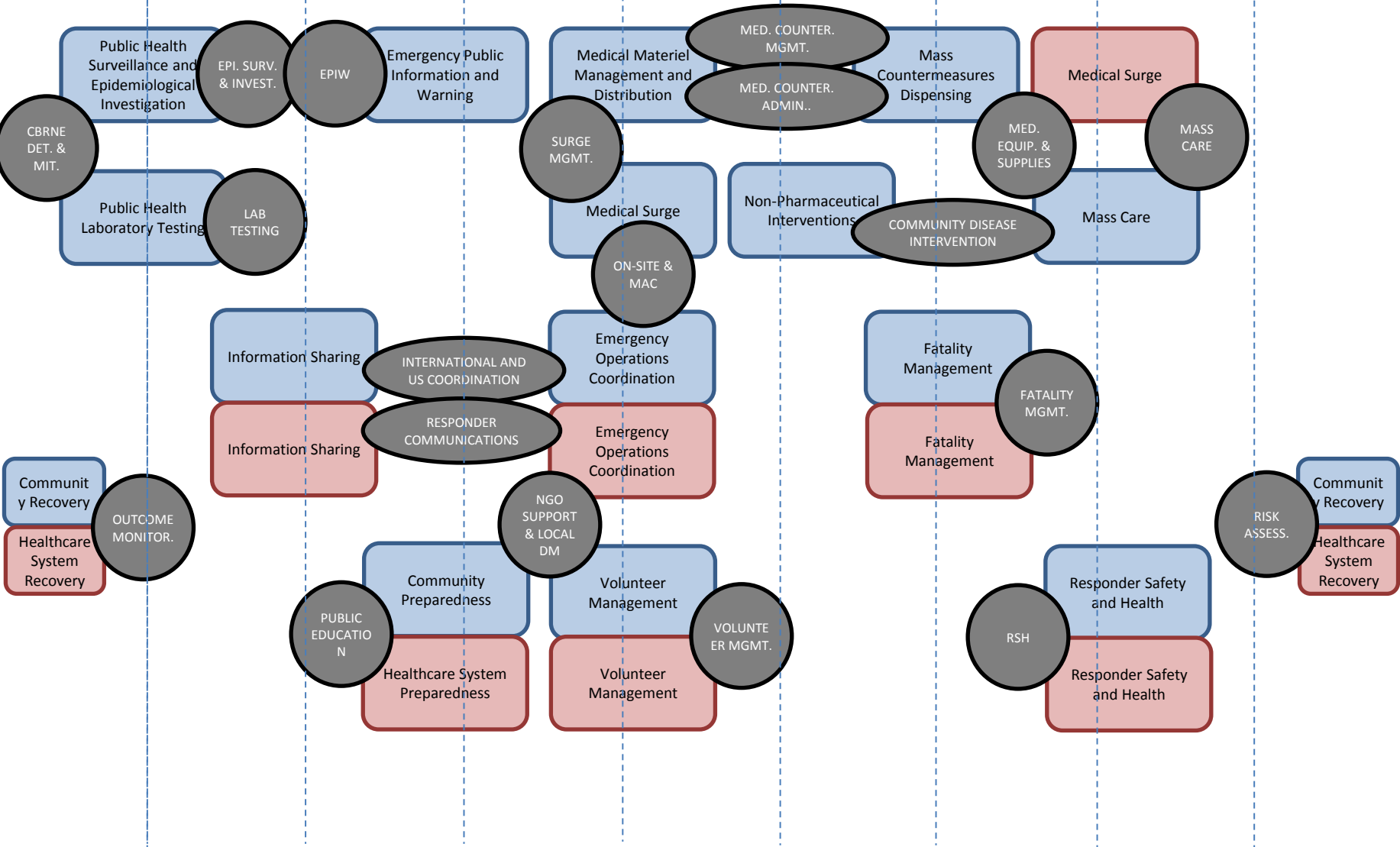


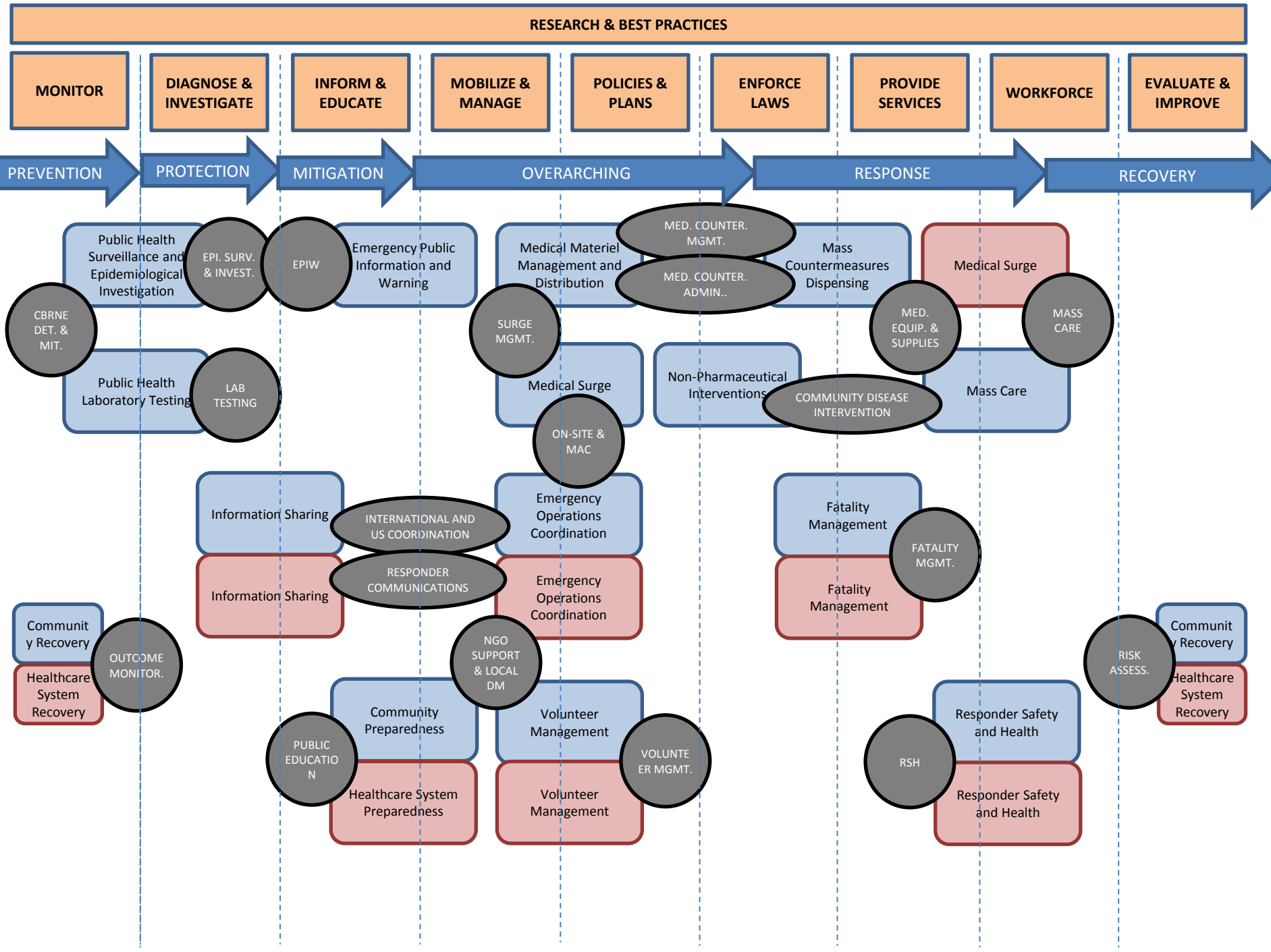
Step 8: NDRF – Recovery Capabilities

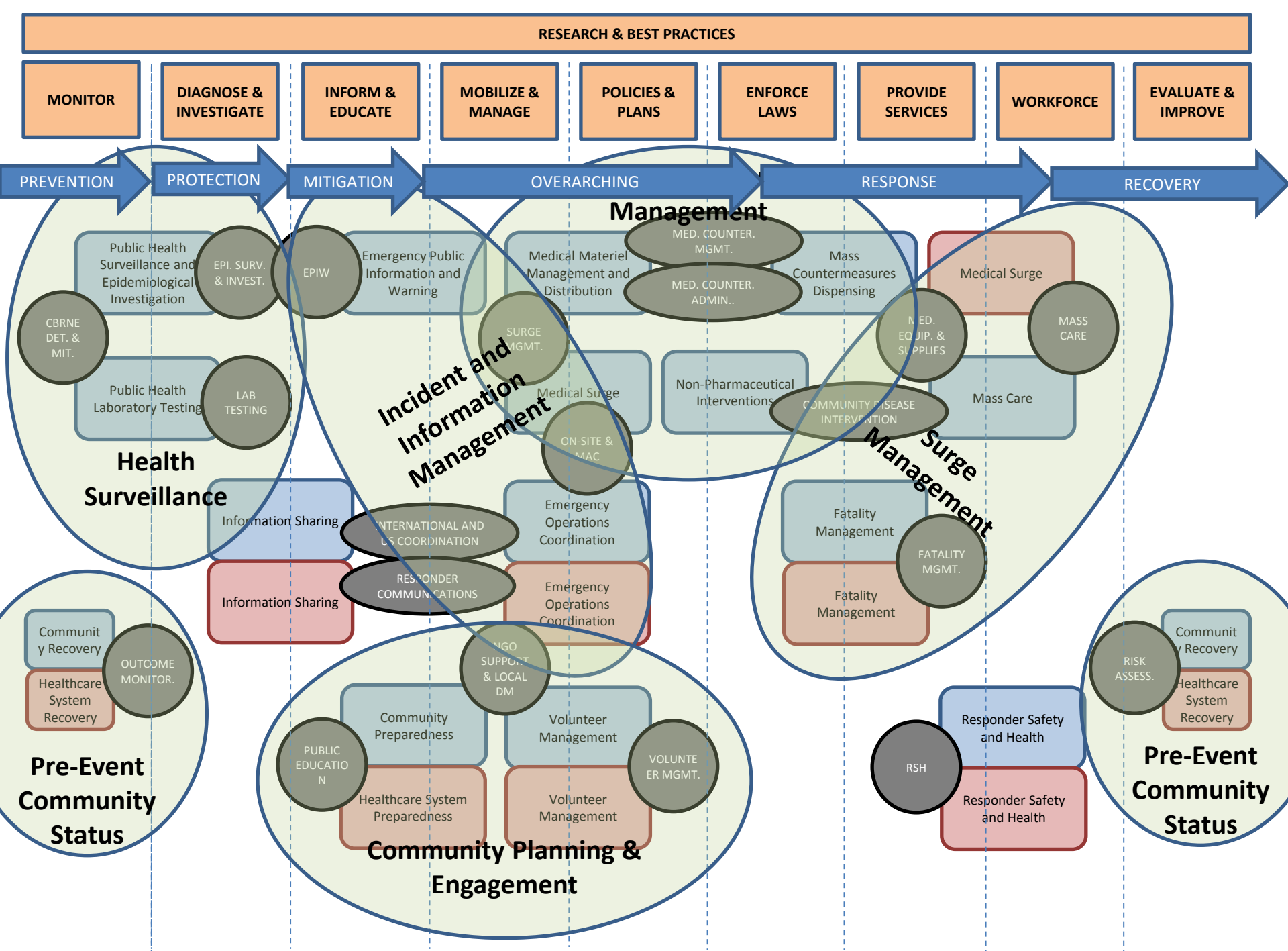


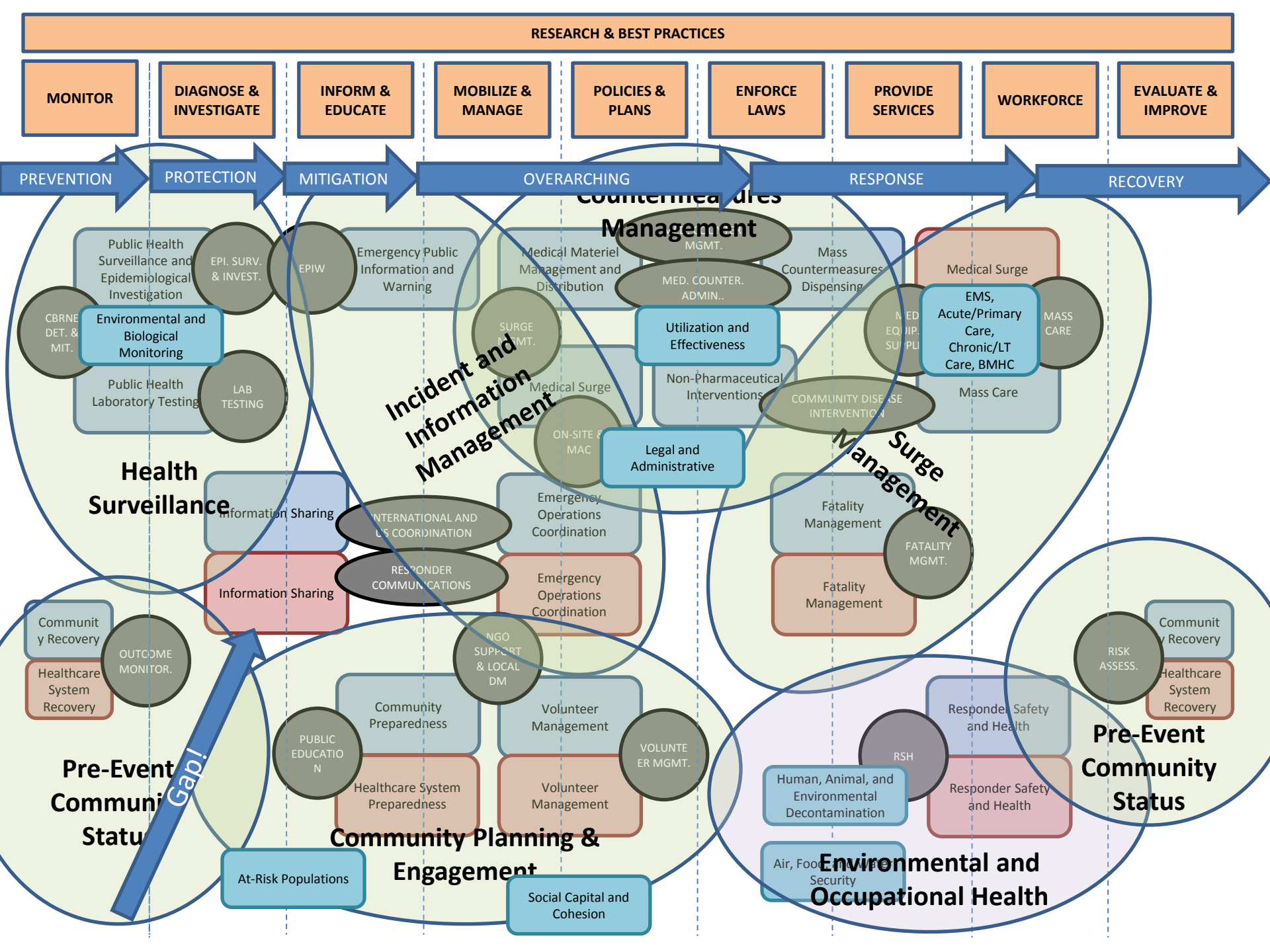
RESEARCH & BEST PRACTICES

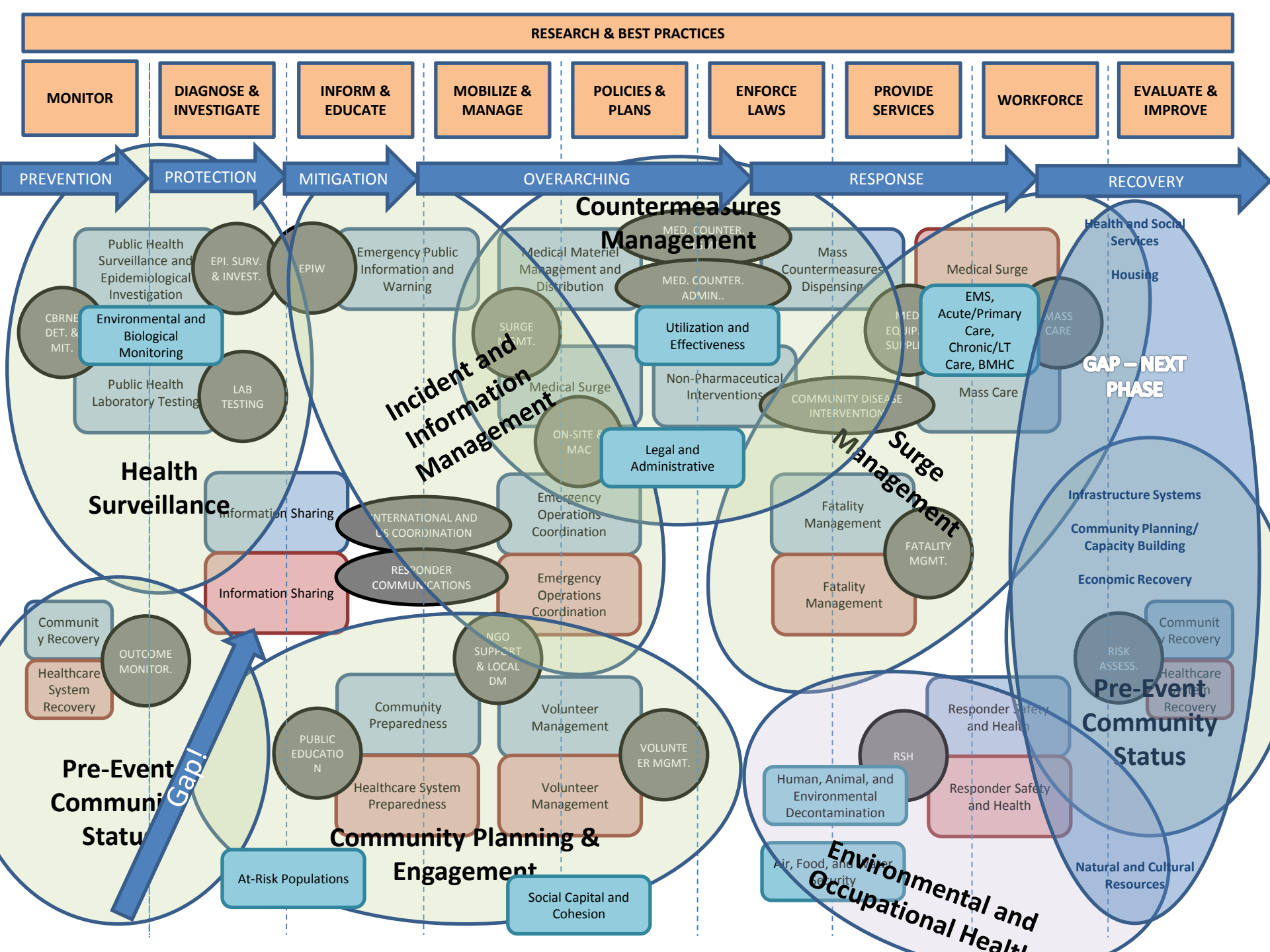
- MONITOR
- DIAGNOSE & INVESTIGATE
- INFORM & EDUCATE
- MOBILIZE & MANAGE
- POLICIES & PLANS
- ENFORCE LAWS
- PROVIDE SERVICES
- WORKFORCE
- EVALUATE & IMPROVE











Individual-level measures of preparedness

- BRFSS General Preparedness Module
 - Few states employ this module
 - 2015 = none
 - 2014 = none
 - 2013 = none
 - 2012 = (2) Alabama & Montana
 - 2011 = none
 - 2010 = (2) Montana & North Carolina
 - Proposed new measure: *state implements the BRFSS general preparedness module (yes/no)*
- FEMA National Household Survey, 2015
 - July 2015, 5,000 respondents, questions on preparedness and awareness of actions (e.g., plan, supplies)



Occupational Health

- Emergency Responder health/fatalities
- Occupational health professions (BLS OES data)
- Certified occupational medicine providers
- OSHA “events” – injuries, illnesses, and fatalities
- Mental & behavioral health data from SAMHSA
- Workers’ compensation claims
- Vaccination rates for health care workers
 - CDC Health Care Worker Survey

Upcoming Events

- Call for new measures, **October 18, 2016**
- NHSPI Virtual Event, **October 21, 2016**



For More Information



National Program Office

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Systems for Action

National Coordinating Center

Systems and Services Research to Build a Culture of Health

