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## NON-COMPETITIVE DIVISION

### Pediatric Situational Awareness: Regional Metrics Pertinent in the Disaster Cycle

Children make up 20% of the US population and are uniquely impacted physically and emotionally by disasters. Tools have been created to assist communities to address hazards, Hazard Vulnerability Analysis (HVA) and Threat Hazard Identification and Risk Assessment (THIRA), but needs of children are not included in these tools. The Assistant Secretary for Preparedness and Response funded two Pediatric Disaster Centers of Excellence (PCOE) in 2019, pediatric situational awareness was an important deliverable. Pediatric disaster subject matter experts identified key infrastructures and support mechanisms that exist and are important to communities for children and families.

Through a modified delphi process, nine domains were recommended. Domains are healthcare expertise available within a region, mental health considerations, community resiliency, early education and schools, transportation services, public health jurisdiction, shelters and sheltering in place, supply chain and patient tracking, reunification and evacuation.

Existing resources were reviewed to inform quality measures and align with of available domains. A scorecard was created to pilot among regional

coalitions to better assess community-level awareness for children and families that are important to the entire disaster cycle. This regional metrics scorecard for situational awareness can inform communities of vulnerabilities when mitigating disasters affecting children and families and drive improvement.

**Presentation Theme:** Regional metrics for emergency management

**Collaborators, Advisor(s) and Department(s) that assisted with this research:** Michelle Pintea, MD Washington University, St. Louis Children's Hospital

**Funding:** ASPR

**Institutional Review Board Proof of Regulatory Committee Approval:**  
UHRainbow Babies and Children's IRB