



Accounting for Disasters in Efforts to Improve Quality and Access in Early Care and Education

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What is a disaster?

Federally-declared Major Disaster:

....any natural event, including any

- hurricane, tornado, storm,
- high water, wind-driven water, tidal wave, tsunami,
- earthquake, volcanic eruption, landslide, mudslide,
- snowstorm, or drought, or,
- regardless of cause, fire, flood, or explosion

....caused damage of such severity that it is beyond the combined capabilities of state and local governments to respond

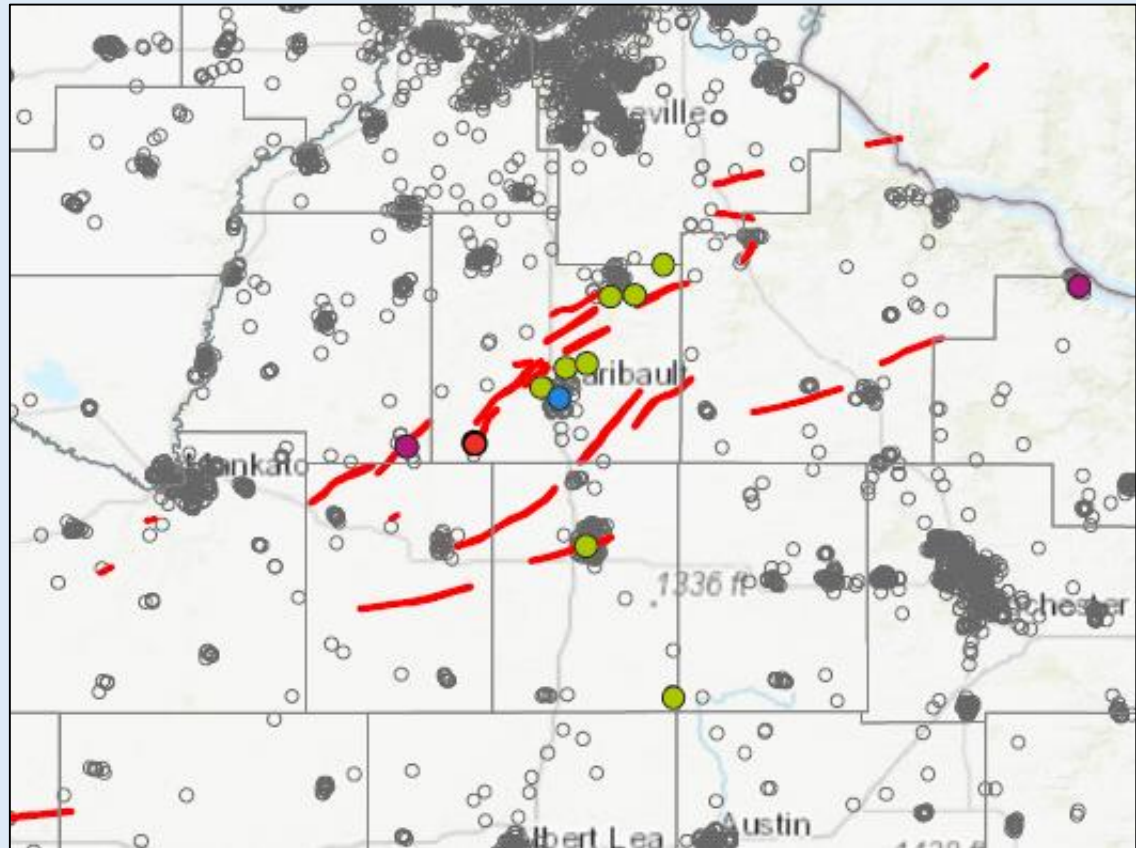
(FEMA.gov, retrieved 4/3/19)

Low Attention Disasters

- September 20, 2018
- 24 tornadoes touched down in southern Minnesota
- Peak wind speeds up to 130 mph
- MN's 3rd most prolific tornado day

Providers: Damage Type Reported

- Completely Destroyed - 1 program
- Major Damage - 2 programs
- Minor Damage - 10 programs
- Very little damage - 1 program
- No damage - 1 program
- No Data Reported
- Tornado Path
- Counties



Family Child Care Home Morristown, MN



59 Major Disasters Declared in 2018

OK	MA	NH	HI	MD	MI
KY	CA	NJ	NC	CO	ID
TX	OR	NM	IN	VT	SC
OH	NV	ME	AL	SD	VA
WV	WY	AZ	WA	WI	AK
MN	MT	CT	IA	GA	FL
NY	American Samoa	Northern Mariana Islands	Guam	PA	

What happens when a typhoon hits your islands?

October 25, 2018

No Electricity

**Super Typhoon Yutu
185 mph winds**

No Water

**U.S. Commonwealth Northern
Mariana Islands**

**All 15 Child Care Programs
Damaged or Destroyed**

**(4 inhabited and 9 uninhabited
islands)**

**400 CCDF Subsidized
Children**

QRIS Pilot on Pause

Before Typhoon Yutu: Gana Day Care Center, Northern Mariana Islands



After Typhoon Yutu: Gana Day Care Center



Golden Harvest International School and Daycare: Stage & Playground Area

Before Typhoon Yutu



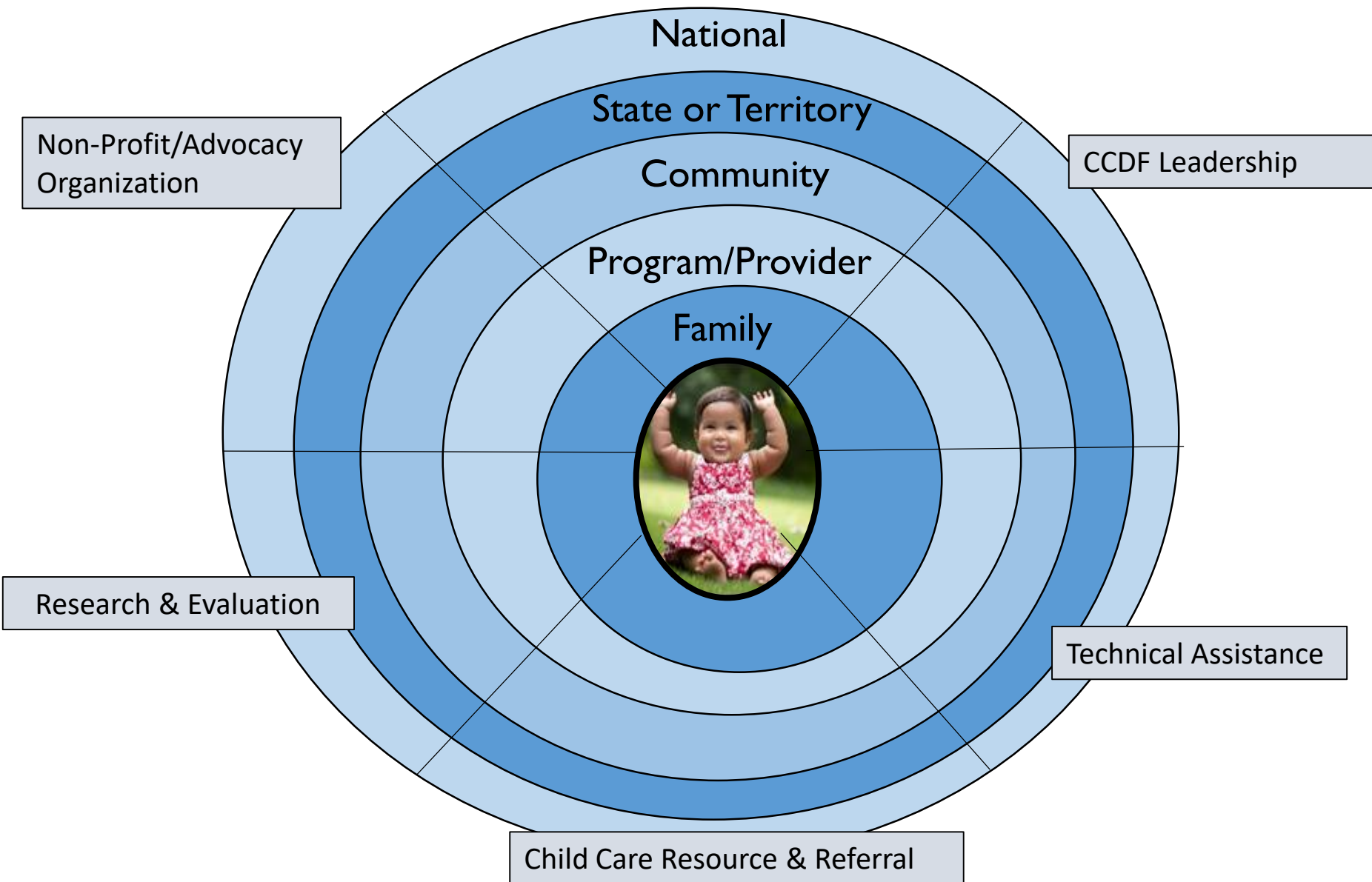
After Typhoon Yutu



What do we need to know about our ECE efforts?

- To Better Prepare for Disasters
- To Better Respond to Disasters
- To Understand and Measures Outcomes
- To Determine Success after Recovery
- To Account for Disasters in Efforts to Improve Quality and Access

Situating Our Roundtable Panelists



Roundtable Discussion Questions

- What flexibilities and supports do CCDF and Head Start offer to prepare and respond to disasters?
- What have you learned about readiness for disaster and what affects the ability to recover faster from disasters? What kind of research is needed to support readiness?
- What factors may affect equity and access to child care in the shorter-term following disasters?
- What factors may affect equity and access to child care in the longer-term following disasters?
- In what ways do disasters affect quality improvement efforts and the ability to measure the effectiveness of strategies to improve quality?
- What else have you been thinking about that researchers should consider on how to account for disasters in the ECE system and their research?

Reflecting on the Discussion

Research on What is Happening in the Field	Research on Considerations for How to Prepare	Research on Considerations for Recovery Plans	How Disasters Affect Other ECE Systems Research
What strategies are agencies currently using to prepare?	What can we learn from places disasters have occurred?	What can we learn from places disasters have occurred?	How are (or are not) disasters represented in the data researchers use?
What strategies are agencies using or planning to use for recovery?	What are some equity considerations?	What are some equity considerations?	How do disasters factor in to results?
What are the results for children, families, and providers?	What considerations are multi-level vs. varying by level of responsibility?	What considerations are multi-level vs. varying by level of responsibility?	How could we be better “accounting for” disasters?

Resources

- ACF Emergency Preparedness Manual for Early Childhood Programs
<https://eclkc.ohs.acf.hhs.gov/sites/default/files/pdf/emergency-preparedness-manual-early-childhood-programs.pdf>
- Save the Children's Child Care Recovery Evaluation
<https://www.abtassociates.com/projects/evaluating-child-care-recovery-post-disaster>
- Disaster Response & Resilience at Abt Associates
<https://www.abtassociates.com/disaster-response-resilience>
- Planning Tool for State Policymakers
<https://childcareta.acf.hhs.gov/topics/emergency-preparedness>
- ACF Office of Child Care Resources
<https://www.acf.hhs.gov/occ/resource/emergency-preparedness-resources-for-grantees-and-child-care-providers>
- Child Care Aware of America
www.childcareprepare.org

Contact to Continue the Conversation

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