**Appendix**

**Methods**

**Research Design**

A scoping review is a method to identify the characteristics and concepts in sources of evidence when there is limited empirical literature on a concept and to inform future research.17 In this study, recommendations and strategies extracted were tailored within the context of the US. Therefore, a scoping review is an appropriate method to address the study objective.

A scoping review methodology was chosen over a systematic review to capture a wide range of literature and cases amid a dearth of literature. A scoping review maps all available evidence on a topic and identifies gaps and key concepts to aid in planning appropriate future research.17 This approach facilitates answering broad questions and identifying gaps in breastfeeding, nursing, and disaster science. Research in each of these fields is characterized by heterogeneous methodology and complicated by different approaches to supporting breastfeeding women during disasters.

The systematic style scoping review was conducted using the Joanna Briggs Institute (JBI) and PRISMA-ScR guidelines. To identify relevant studies, the Embase, Scopus, PubMed, and CINHAL databases and the included articles' references were searched. No gray literature was searched. The included literature went through data extraction and quality appraisal as per a pre-prepared protocol.

***Search Strategy***

**CINAHL**

(((MH "Lactation") OR (MH "Breast Pumps") OR ("breastfeed\*") OR ("breastmilk\*") OR ("breast milk") OR ("human milk") OR ("lactation")) AND ((MH "Humanitarian Aid") OR (MH "Emergency Evacuation") OR ((MH "Disaster Planning") OR (MH "Natural Disasters") OR (MH "Disasters") OR ("humanitarian emergency") OR ("disaster") OR ("hurricane") OR ("wild fire") OR ("tornado") OR ("flood\*") OR ("earthquake") OR ("winter storm") OR ("ice storm") OR ("straight line winds" )))

94 total articles

All 94 were added to EndNote reference manager.

**Embase**

((MH "Lactation") OR (MH "Breast Pumps") OR ("breastfeed\*") OR ("breastmilk\*") OR ("breast milk") OR ("human milk") OR ("lactation")) AND ((MH "Humanitarian Aid") OR (MH "Emergency Evacuation") OR ((MH "Disaster Planning") OR (MH "Natural Disasters") OR (MH "Disasters") OR ("humanitarian emergency") OR ("disaster") OR ("hurricane") OR ("wild fire") OR ("tornado") OR ("flood\*") OR ("earthquake") OR ("winter storm") OR ("ice storm") OR ("straight line winds" )))

232 articles

All 232 were added to EndNote reference manager.

**PubMed**

((MH "Lactation") OR (MH "Breast Pumps") OR ("breastfeed\*") OR ("breastmilk\*") OR ("breast milk") OR ("human milk") OR ("lactation")) AND ((MH "Humanitarian Aid") OR (MH "Emergency Evacuation") OR ((MH "Disaster Planning") OR (MH "Natural Disasters") OR (MH "Disasters") OR ("humanitarian emergency") OR ("disaster") OR ("hurricane") OR ("wild fire") OR ("tornado") OR ("flood\*") OR ("earthquake") OR ("winter storm") OR ("ice storm") OR ("straight line winds" )))

158 articles

All 158 were added to EndNote reference manager.

**SCOPUS**

TITLE-ABS-KEY(((MH "Lactation") OR (MH "Breast Pumps") OR ("breastfeed\*") OR ("breastmilk\*") OR ("breast milk") OR ("human milk") OR ("lactation")) AND ((MH "Humanitarian Aid") OR (MH "Emergency Evacuation") OR ((MH "Disaster Planning") OR (MH "Natural Disasters") OR (MH "Disasters") OR ("humanitarian emergency") OR ("disaster") OR ("hurricane") OR ("wild fire") OR ("tornado") OR ("flood\*") OR ("earthquake") OR ("winter storm") OR ("ice storm") OR ("straight line winds" )))

222 articles

All 222 were added to EndNote reference manager.

There were 705 records identified from the databases. All articles were added to a folder in Endnote. Next, a search for duplicates was conducted in EndNote, with 343 duplicates being removed.

After duplicate removal, 362 records were screened by title. Of these, 212 records were excluded (<2004 = 47, not in US = 144, non-human = 21)

Once all articles were added to a folder in Endnote, a search for duplicates was conducted, with 256  articles remaining.

Two investigators reviewed 33 full articles from the initial 150 potential abstracts. Of these 33 articles, 23 were excluded due to not meeting inclusion criteria (Not in US = 6, conference abstract = 4, book chapter = 3, not relevant = 10. The total number of articles included in this scoping review was 10 (Figure 1). The references of these articles were analyzed to identify additional articles, yet no further articles that met the criteria were found.

***Data Analysis***

After removing duplicates, the initial search yielded 362 articles to be screened for inclusion. Ten studies met all inclusion criteria and were void of all exclusion criteria (Figure 1).