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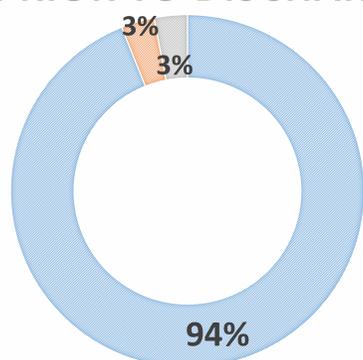
## What is the Newborn Hearing Screening?

- When a baby is born, the hospital conducts a newborn hearing screening (NBHS) to measure the infant's hearing.
- The screen is conducted using Otoacoustic Emissions (OAE) technology and Automated Brainstem Response (ABR). The majority of hospitals use ABR.
- **The goal of the Newborn Hearing Screening** is to identify all infants with hearing impairment as early as possible to provide timely and appropriate early intervention services.



The **New Hampshire Early Hearing Detection and Intervention (EHDI)** Program is within the NH Department of Health and Human Services. **The EHDI Program aims to ensure quality newborn hearing screening (NBHS) programs** at birth facilities. The aim of the LEND-EHDI partnership is to identify areas of improvement for birthing facilities and their NBHS program.

## COMPLETION OF NBHS, PRIOR TO DISCHARGE

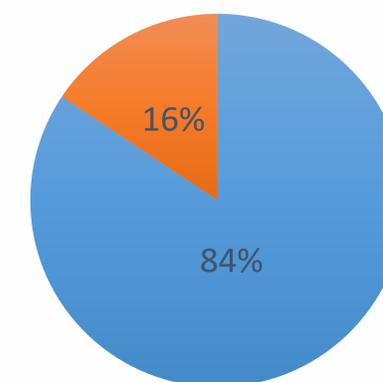


- Completed NBHS
- Did not complete NBHS
- "Did not know" if screening was completed

## LEND-EHDI Partnership

- In order to gather information about families' experiences with the NBHS, a survey was created and disseminated to a randomized sample of 200 families whom welcomed a baby in the 2017 calendar year.
- Survey asked questions about the information provided to the family at all stages of the process, and their ultimate satisfaction with the process
- Allowed for feedback for improvement and their personal impressions
- Findings to be used to improve current system and provide feedback to providers

## OVERALL SATISFACTION WITH NBHS



- Satisfied
- Not Satisfied

## Major Findings of Survey Data

- ❖ **31/33 participants reported their infant completed NBHS before they were discharged.** We recognize a 100% screening rate is needed to reach the entire population of newborns and to identify each child with hearing needs
- ❖ **6% of families were not told the results of their baby's screening.** Sharing information with families increases education and can strength relations between health care providers and families
- ❖ Of the four children whom did not pass the initial hearing screening, **only 50% of parents were told their child required a rescreen**
- ❖ **One out of two families with children who were referred were assisted by hospital staff in scheduling an appointment at a diagnostic center** for a complete audiological evaluation

## Leadership Takeaway

The LEND-EHDI partnership provided leadership experiences including:

- Collection and analysis of data
- Participation in state and regional meetings
- Planning, creating, disseminating, and presenting the results of survey
- Integration to meet needs of several individuals and grant stipulation
- Challenges included time constraints, layers of approval for state funding, communication

