



## NEWBORN SCREENING

## Oklahoma Early Hearing Detection and Intervention (EHDI) 2023 Data

The goal of Oklahoma Early Hearing Detection & Intervention (EHDI) is to improve outcomes through newborn screening, early diagnosis, and intervention for children with hearing loss. To accomplish this, Oklahoma EHDI uses the 1-3-6 guidelines.

### 1 MONTH

#### SCREENING

ALL INFANTS SHOULD HAVE A HEARING SCREENING BY 1 MONTH OF AGE

### 3 MONTHS

#### EVALUATION

IF THE INFANT DOES NOT PASS TWO HEARING SCREENINGS, A DIAGNOSTIC HEARING EVALUATION IS NEEDED BY 3 MONTHS OF AGE

### 6 MONTHS

#### EARLY INTERVENTION

IF A HEARING LOSS IS DETECTED, TREATMENT AND INTERVENTION SHOULD BE STARTED BY 6 MONTHS OF AGE

### 1 MONTH



## TOTAL BIRTHS: 45,696

44,970  
out of  
45,696

**98.4%**

**Received a newborn  
hearing screening**

44,337  
out of  
44,970

**98.6%**

**Passed their  
hearing screen**

43,818  
out of  
44,970

**97.4%**

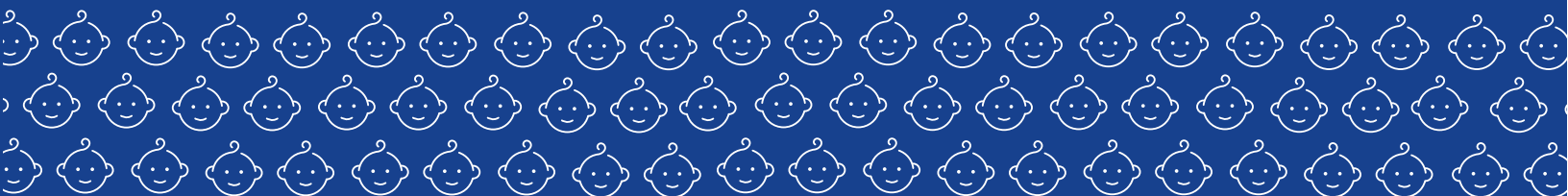
**Total screened  
by 1 month**

681  
out of  
44,970

**1.5%**

**Did not pass  
hearing screening**

\*This includes infants who did not go straight to diagnostic testing instead of having a screen performed.



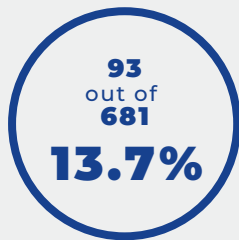


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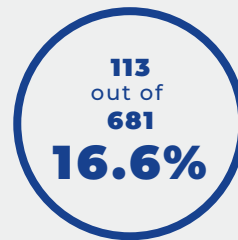


Screening and  
Special Services

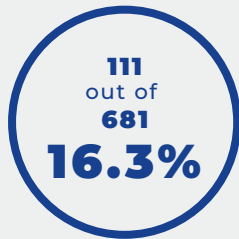
## 3 MONTHS



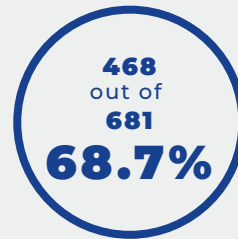
**Permanent hearing loss:** Infants who did not pass their hearing screen and were diagnosed with permanent hearing loss



**Typical hearing:** Infants who did not pass their hearing screen but repeat testing indicated normal hearing



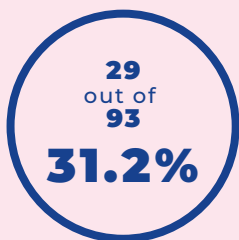
**Completed evaluation by 3 months of age:** Infants that did not pass their hearing screen and completed a diagnostic evaluation by 3 months of age



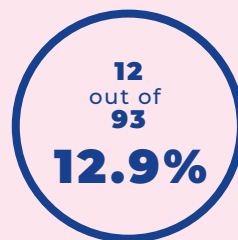
**Lost to follow up:** Number of infants that did not pass their hearing screen and no repeat testing information was received

\* The difference between the number of babies who didn't pass the hearing test and the total number counted in follow-up categories (like typical hearing, permanent hearing loss, or were lost to follow up) may be explained due to the following reasons: infant death, parent refusal for additional testing, unable to complete diagnostic testing due to medical constraints, and testing still in process.

## 6 MONTHS



**Enrolled in early intervention:** Infants that were diagnosed with permanent hearing loss and enrolled in early intervention



**Enrolled in early intervention by 6 months of age:** Infants that were diagnosed with permanent hearing loss and enrolled in early intervention by 6 months of age



**INCIDENCE OF HEARING LOSS PER 1,000 INFANTS SCREENED  
IN OKLAHOMA: 2.03 PER 1,000**