



NEWBORN SCREENING

Oklahoma Early Hearing Detection and Intervention (EHDI) 2021 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: 46,881

45,711
out of
46,881

97.5%

**Received a newborn
hearing screening**

43,421
out of
45,711

94.9%

**Passed their
hearing screen**

45,054
out of
45,711

98.5%

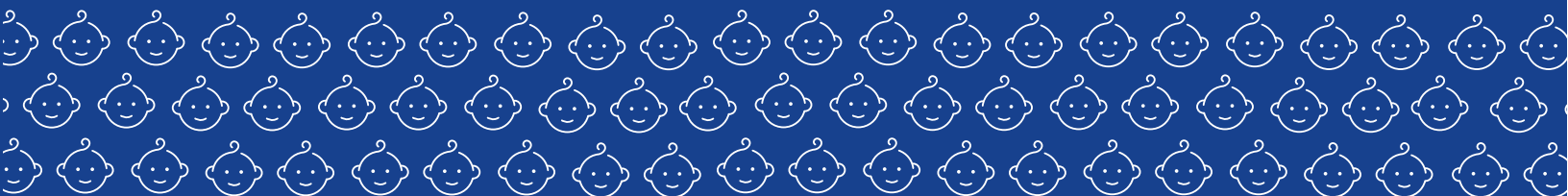
**Total screened
by 1 month**

2,297
out of
45,711

5%

**Did not pass
hearing screening**

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



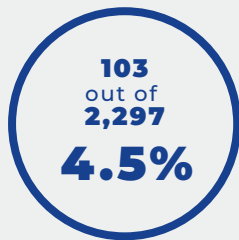


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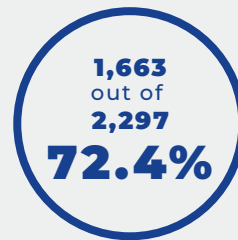


Screening and Special Services

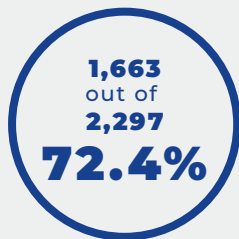
3 MONTHS



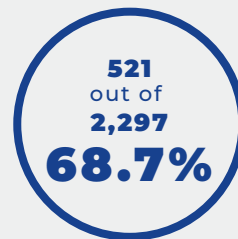
Permanent hearing loss: Infants who did not pass their hearing screen and were diagnosed with permanent hearing loss



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



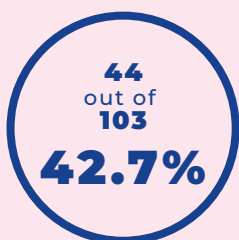
Completed evaluation by 3 months of age: Infants that did not pass their hearing screen and completed a diagnostic evaluation by 3 months of age



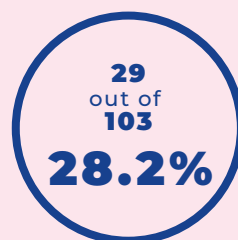
Lost to follow up: Number of infants that did not pass their hearing screen and no repeat testing information was received

* 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: 2.19 PER 1,000