Nebraska Early Hearing Detection and Intervention Program – Logic Model

Inputs → **Activities** → **Outputs** → **Outcomes**

Inputs

- Infant Hearing Act
- Advisory Committee
- Funds (HRSA/MCHB, CDC, Title V)
- NCHAM, AAP, NICHQ
- NeAAP Chapter Champion
- Birthing Facilities (62)
- Confirmatory Testing Facilities (114 audiologists)
- Medical Homes/PCP
- Early Development Network (Part C)
- Data Tracking Systems (ERSII, CONNECT)
- Professional Associations (NeAAP, NSLHA, NeHSA)
- Health Programs (Newborn Screening/Genetics, CSHCN/MHCP)
- Family Support programs (PTI, Hands & Voices, Answers4Families, Family Voices)
- Educational programs (Regional Programs (4), Omaha Hearing School, BTNRH, UNL)
- EHS/HSSCO
- NCHALB
- Financing of hearing aids, cochlear implants

Activities

- Reporting
- Tracking and Follow-up
- Education and Technical Assistance
- Evaluation

COLLABORATION

Outputs

Services: Numbers of –
-Newborns born
-Newborns who received a hearing screening test during birth admission
-Newborns who passed a hearing screening test during birth admission
--Newborns who did not pass a hearing screening test
-Newborns recommended for monitoring, intervention, and follow-up care
-Newborns/infants receiving a follow-up hearing test
-Newborns/infants w/o hearing loss
-Newborns/infants with a hearing loss (type/degree of hearing loss)
-Newborns/infants evaluated for and fitted with amplification
-Newborns/infants referred to and enrolled in EDN(EI)
-Newborns/infants with medical home
-Families in family-to-family support programs

Quality measures
-Refer rate
-Time to initial re-screen
-Rate of discharge without screen
-Lost to follow-up
-Age at diagnosis/early intervention,
-Parent satisfaction measures
-National EHDI surveys
-Annual, legislative reports

Products: Number of
-Workshops
-Newsletters and articles
-Technical assistance visits (phone, on-site)
-Press releases
-Advisory Committee and subcommittee meetings and products
-MOUs, MOAs
-Collaborative initiatives and projects

Outcomes

Short term (0-6 Months)

Hearing Screening for all newborns (UNHS)

Type, Degree of Hearing Loss Determined
Re-screening
Diagnostic Evaluation
Referrals

Medical Home-Primary Health Care Provider
Education
Referrals
Diagnosis
Treatment

Early Intervention (EDN) begun
Eligibility determined
Enrollment

Long Term (> 36 months)

Development
Linguistic
Cognitive
Social-Emotional

Intermediate (6-36 months)

Early Intervention
Part C (EDN)
CSHCN (MHCP)
Amplification

Medical Home-Primary Health Care Provider
Referrals – ENT, genetic, ophthalmologic
Risk Factors
IFSP

Family Support
PTI-Nebraska
Answers4Families
Family Voices
Hands and Voices
Regional Programs
Omaha Hearing School
Boys Town