

WORK PLAN

Goal 1: By March 31, 2024, Delaware will utilize Yr. 2017 CDC – HSFS baseline data to increase by 1 percent from baseline the proportion of newborns screened no later than 1 month of age.				
Aim 1: By December 31, 2019 develop a site visit schedule for the calendar year 2020 which aligns with our Nemours A.I. DuPont Hospital for Children (AIDHC) Metabolic Program to conduct collaborative quarterly Quality Improvement (QI) site visits to improve hearing screening 1-3-6 Timeline.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
The Delaware EHDI Coordinator will conduct Quality Improvement (QI) site visits at the 7 birth facilities.	EHDI Coordinator will do site visits with the birthing and delivery departments within the hospitals which will capture: 1. the number of infants born in the facility 2. the number of infants screened and 3. the number of infants which were missed and 4. the number of infants discharged or transferred to another hospital without a birth hearing screening being conducted.	Progress Report Cards provided to each Birth Facilities	Quarterly scheduled on site visits at each birth facility in all 3 counties.	Roxann Trim EHDI Coordinator Isabel Rivera-Green Dir. CYSHN
Educating targeted populations: stakeholders, birth facilities, midwives and audiologist.	EHDI Coordinator will distribute to all stakeholders, birth facilities, midwives and audiologist in the state the site where they can obtain FREE literature on the importance of meeting the 1-3-6 Timeline.	Distribution of the www.DEthrives.org	Monthly report on who is ordering the free literature to educate their patients.	Roxann Trim EHDI Coordinator

Goal 1: By March 31, 2024, Delaware will utilize Yr. 2017 CDC – HSFS baseline data to increase by 1 percent from baseline the proportion of newborns screened no later than 1 month of age.				
Aim 2: Ensure infants are all screened at birth in the birth facility and results are entered into Oz Systems or reported to the EHDI Program within 10 days.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
The EHDI Program Team will utilize the EVRS Vital Statistics Report to match the data in the Oz Systems so that we are not missing any infants birth hearing screening in our state.	The EHDI Team has a rotation in place where the EHDI Coordinator creates on a bi-weekly basis from the Oz Systems. The EHDI Team reviews their assigned hospital and conducts follow up with the families, pediatricians by faxing a letter to the pediatrician and mailing a letter to the parent. The EHDI Team also utilizes the EVRS Vital Statistics report to make sure all infants demographics and birth hearing screening results are in the Oz Systems. This process is instrumental in making sure that there isn't any LTFU.	Weekly EVRS Vital Statistics Report Bi-weekly Oz Systems Follow Up Birth Hearing Screening Report. This will reduce the loss to follow-up and loss to documentation.	Weekly Reports are generated by Vital Statistics and the EHDI Team reviews it on a weekly basis.	Delaware Hands and Voices EHDI Advisory Board EHDI Coordinator CYSHCN Director Chapter Champion Delaware Families for Hands and Voices DE. Statewide Program for the DHH/DB Mentor Program Vital Statistics Records Office

Goal 2: The EHDI Program will increase family engagement and support through a parent lead organization –Hands and Voices Guide By Your Side and the support from Delaware Statewide Program for the DHH/DB Mentor Program.				
Aim 1: By May 31, 2020, develop a contract with a parent lead organization –Hands and Voices Guide by Your Side.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
Through the implementation of a contract with Hands and Voices develop specific deliverables which will enhance our partnerships for information sharing, referral, and trainings for all stakeholders who serve D/HH infants 0-3 and children through Guide by Your Side Services.	<p>Coordinate meetings with Hands and Voices Guide By Your Side and the Delaware Statewide Program for the DHH/DB Mentor Program to create a workplan on the implementation of increasing family engagement and support to families. Utilize the FL3 as a resource for technical support to our Parent Lead Organization so that the goals of this project are met and sustained once the funding goes away in March of 2024</p> <p>Hands and Voices will develop a Sustainability Plan and receive technical support from the Family Leadership in Language and Learning (FL3) national level partners.</p>	Increase family engagement	Weekly Implementation Planning Meetings	EHDI Advisory Board EHDI Coordinator CYSHCN Director Chapter Champion Delaware Families for Hands and Voices DE. Statewide Program for the DHH/DB Mentor Program Family Leadership in Language and Learning (FL3)
Develop a Letter of Agreement with the DHH/DB Mentor Program	Through the collaboration between Hands and Voices and DHH/DB they will develop a plan to address diversity	Increase Communication	Monthly Meetings	Delaware Families for Hands and Voices

<p>and Hands and Voices to work together on the established Mentorship Program that the DHH/DB currently has.</p>	<p>and inclusion with the support of the EHDI Advisory Board and the EHDI QI Sub-Committee through continuous quality improvement initiatives.</p> <p>Delaware EHDI Coordinator and the parent lead organization will reach out to Family Leadership in Language and Literacy (FL3) for technical support on addressing diversity and inclusion.</p>	<p>Provide training and enhance family to family engagement and support</p>		<p>EHDI Advisory Board</p> <p>EHDI Q.I. Sub-Committee</p> <p>EHDI Coordinator</p> <p>CYSHCN Director</p> <p>Chapter Champion</p> <p>Delaware Families for Hands and Voices</p> <p>DE. Statewide Program for the DHH/DB Mentor Program</p> <p>FL3</p>
<p>Use Chapter Champion to contact primary care providers of infants who fail or miss an outpatient screen</p>	<p>For a 3 month period provide Dr. Duran with names and PCPs of all infants who have not followed up with hearing rescreen by 1 month of age. Dr. Duran will contact 50% of PCPs.</p>	<p>Compare rates of completion of screening, diagnostic testing and TIME to completion between PCPs contacted by Dr. Duran and those not contacted.</p>	<p>Quarterly reports from EDHI data system</p>	<p>EHDI Coordinator</p> <p>Chapter Champion</p> <p>Follow up Coordinator</p>

				EHDI Board QI Sub-Committee
Work with Nemours AIDHC Diagnostic Center to identify infants at risk for not meeting 1.3.6 criteria. Identify infants scheduled for diagnostic exam if first appointment is greater than 2 months of age	AIDCH Audiologist will develop protocol for schedulers to check birthdate when scheduling appointments for a defined period of time.	Compare rates of completion of diagnostic screening by 3 months of age between study period and same period the previous year.	Quarterly reports from EDHI data system	EHDI Coordinator AIDHC Audiologist EHDI QI Sub-Committee
Goal 2: By March 31, 2024, The EHDI Program will increase family engagement and support through a parent lead organization –Hands and Voices Guide By Your Side and the support from Delaware Statewide Program for the DHH/DB Mentor Program.				
Aim 2: By May 31, 2020 implement a Letter of Agreement between Hands and Voices and Delaware Statewide Program for the DHH/DB Mentor Program to enhance Delaware’s Family to Family support and engagement initiatives.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
Through outreach, utilize our parent lead organization Hands and Voices Guide By Your Side to partner with DHH/DB Mentor Program in an effort to enhance family to family engagement for the	Empower families through Family- to - Family support by conducting Pre and Post -Test at our statewide learning communities in all 3 counties. Measure the knowledge gained prior to attending the learning community. Survey the families to find out what is working and what can be improved. Work in collaboration with DHH/DB Mentor Program to explore what works for their family engagement. Successes and opportunities to enhance	Increase family engagement. Increase mentorship for the population of D/HH. Increase family - to - family support.	Monthly Meetings Bi-weekly learning communities in all 3 counties.	Delaware Hands and Voices EHDI Advisory Board Delaware Statewide Program for the DHH/DB Mentor Program

population they serve.	services for families. Also reach out to the national FL3 for technical support on sustaining this goal long after the funding is gone.			EHDI Coordinator Chapter Champion FL3
Goal 3: By March 31, 2024, Strengthen capacity to provide family support and engage families with children who are DHH as well as adults who are DHH throughout the EHDI System with the support of Delaware Statewide Programs for the Deaf, Hard of Hearing & Deaf-Blind and a parent lead organization-Hands and Voices Guide By Your Side.				
Aim 1: The EHDI Program in partnership with Title V will assess and coordination across early childhood programs in an effort to improve services such as IDEA Part C, Home Visiting, and Head Start Program.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
Public Health will enhance coordination of service delivery to families of infants and children through the outcomes of their needs assessment results.	The Title V program is currently working on a CYSHCN 5 year needs assessment. Through focus groups conducted in all 3 counties the results will provide where our weakness are in the EHDI System. The focus groups cover coordination across early childhood programs in an effort to improve services such as IDEA Part C, Home Visiting, and Head Start Program.	Through the focus groups in all 3 counties, the outcome will be the information obtained and developing a strategic plan on how we will address our weaknesses.	In Delaware, Focus Groups have taken place in all three counties results are being evaluated at this time. Results will be shared with the EHDI Program. Results should be available in April 2020 and on a monthly basis addressed	Delaware Families for Hands and Voices Delaware Statewide Program for the DHH/DB Mentor Program EHDI Advisory Board EHDI Coordinator Chapter Champion

			to meet the needs of the results from the focus group.	FL3 Director of CYSHCN
Goal 3: By March 31, 2024, Strengthen capacity to provide family support and engage families with children who are D/HH as well as adults who are DHH throughout the EHDI System with the support of Delaware Statewide Programs for the Deaf, Hard of Hearing & Deaf-Blind and a parent lead organization-Hands and Voices Guide By Your Side.				
Aim 2: By March 31, 2020, the EHDI Program in partnership with the EHDI Advisory Board will lead the efforts in developing a crosswalk on service delivery approach on extending family to family support for families with children who are D/HH.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
Develop a partnership across Title V and other early childhood programs to strengthen capacity for families to feel supported; with the expertise of the Parent Lead Organization-Hands and Voices and the Delaware Statewide Programs for the D/HH and DB.	We will enhance access and improve our existing website to make sure it is: accessible, culturally appropriate, inclusive, offers accurate comprehensive evidence based information.	Links to Federal Resources and Delaware CDC Data will be captured for accessibility. Dissemination of Information which can be used to educate pediatricians, stakeholders and anyone who is interested in the services provided by Delaware's EHDI Program. Also, develop materials incorporating messaging on prompt follow up.	Monthly	EHDI Coordinator CYSHCN Director EHDI Advisory Board Part C provider Part B 619 DOE provider Nemours AIDHC Diagnostic Ctr.

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Aim 3: By June 30, 2020 schedule trainings and learning communities in collaboration with the Statewide Programs D/HH DB Mentoring Program for parents and early childhood program providers on knowledge of the EHDI System of Care.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
Conduct learning communities through out all 3 counties and include the DE Statewide Programs for D/HH DB Mentoring program	Coordinate a schedule between the Hands and Voices and Statewide Programs D/HH DB Mentoring Program that extends opportunities for families to become involved.	Increase parent engagement and enhance mentorship opportunities for DHH/DB infants and children served through the EHDI Program.	April 1, 2020 through March 31, 2024 # of parents attending # of parents committing to being a Guide	Delaware Families for Hands and Voices EHDI Advisory Board EHDI QI Sub-Committee EHDI Coordinator CYSHCN Director Part C providers Part B 619 providers
Goal 3: By March 31, 2024, Strengthen capacity to provide family support and engage families with children who are Deaf/Hard of Hearing (DHH) as well as adults who are DHH throughout the EHDI System with the support of Delaware Statewide Programs for the Deaf Hard of Hearing & Deaf-Blind and a parent lead organization-Hands and Voices Guide By Your Side.				

Aim 4: By March 31, 2024, use quality improvement methodology, in partnership with statewide parent support organizations, Delaware EHDI Board, the Quality Improvement Sub-committee, EHDI Stakeholders and enhance Provider engagement throughout the state of Delaware to reduce the loss to follow-up rate between inpatient screening and initial out-patient follow up.				
Strategy	PDSA approach	Outputs	Time Frame for Assessing Progress	Staff and Partners
Working with EHDI Advisory Board and DE Statewide Program for Deaf and Hard of Hearing Deaf Blind to increase knowledge of EHDI 1,3,6 goals in both parent/community organization and professional populations through community meetings and trainings.	Delaware Hands and Voices and the Delaware Statewide Program for Deaf and Hard of Hearing Deaf Blind will implement meetings collaboratively to engage families and implement mentors for children that are D/HH. Implement Pre and Post Test to measure the knowledge gained prior to attending the meeting or training. Utilize FL3 for technical support and as a resource to implement the community meetings and trainings.	Materials incorporating messaging on prompt follow up developed. Results of Pre and Post Test	April, 2020 through March 31, 2024	Delaware Hands and Voices/Guide By Your Side EHDI Advisory Board EHDI Coordinator CYSHCN Director Chapter Champion FL3 Partners
Work with Nemours AI DuPont Hospital for Children (AIDHC) Audiology Department to ensure understanding of all programs and services available to	Quarterly meeting between EHDI Coordinator and AIDHC audiology department. Presentation at in-service training.	Knowledge of programs and options in Delaware.	May 31, 2020	EHDI Coordinator AIDHC Audiology Chapter Champion EHDI Board QI Sub-Committee

DE families of infants and children newly diagnosed with hearing loss.				FL3 Partners
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**Delaware Division of Public Health
Early Hearing Detection and Intervention Program HRSA-20-047
Attachment 1. Logic Model**

Planned Work

Intended Results

Problem	Inputs	Activities	Outputs	Outcomes		Impact
				Initial – Intermediate	Intermediate	
<p>Identification of hearing loss after six months of age results in a child’s language skills at age three to be about half those of a child with normal hearing</p> <p>Newborns and children identified with risk factors for delayed onset hearing loss are at risk for language delay.</p> <p>Yoshinaga-Itano C, Sedey AL, Coulter BA, Mehl AL. Language of Early and Later-Identified Children</p>	<p>What We Invest Funding Source HRSA-20-047</p> <p>Parent Lead Organization -Delaware Families for Hands & Voices, Guide By Your Side (GBYS) Training(s)/Information sessions to expand number of Family-to – Family support opportunities.</p> <p>Delaware Families for Hands & Voices, GBYS will execute a contract created with Division of Public Health with timelines and milestones for creating trainings, learning communities to optimizing care notebooks for hearing loss resources and increase knowledge on the EHDI System of care. Governor’s EHDI</p>	<p>What We Do Implement Educational Learning community Schedules through-out Delaware.</p> <p>Risk assessments and Evaluations</p> <p>Family-to-Family Parenting support</p> <p>Coordination and Training process</p> <p>Assessing unmet needs of the EHDI System</p> <p>Helping to make parents of children with hearing loss informed of services available for newborns and infants who receive timely referral to Early Intervention (EI) services.</p> <p>Collect and share data across programs to measure outcomes and improve quality of</p>	<p>Products of Our Activities ↑Increase 1 % from baseline (based on the 2017 CDC EHDI Hearing Screening & Follow-up Survey (HSFS) the number of newborns and infants who receive timely diagnosis per Joint Committee on Infant Hearing (JCIH) by the end of the 4 year project period.</p> <p>↑Increase the number of newborns and infants identified to be deaf or hard of hearing enrolled in EI services within JCIH recommended practice guidelines by the end of the 4 yr. project period.</p> <p>Children diagnosed with hearing loss receive family support upon diagnosis.</p> <p>Engagement of health care providers, educators, families and policy makers in the statewide EHDI System.</p> <p>Conduct Pre & Post-test of</p>	<p>Results ↑Knowledge about hearing screening and Early Intervention Services for newborn children and infants ages 0-3 in the state of Delaware.</p> <p>↑Awareness of the importance of early detection and diagnosis of hearing loss and risk behaviors.</p> <p>↑Increase the number of Family-to-Family support and mentors for families across the state of Delaware.</p> <p>↑Early entry into EI Services for children 0 to 3 years of age.</p> <p>↑Increasing the knowledge of resources available for parents and</p>	<p>Results ↑Management of Family –to-Family Support and learning communities and ongoing communication between the Delaware Families for Hands & voices, Guide By Your Side (GBYS) Training(s) and Delaware Statewide Programs for the Deaf, Hard of Hearing & Deaf-Blind.</p> <p>↓Decrease the loss to follow up hearing screening by educating the parents on the importance of having hearing screenings completed as recommended by the CDC 1,3,6 Timeline.</p> <p>↑Increase Children 0-3 receiving comprehensive developmental screening and referral to early intervention services, mental health and other</p>	<p>Establish sustainable partnerships through Letters of Agreement and memorandum of understanding with identified statewide, family-based organizations and programs that provide family support to families/parents/caregivers of newborns and infants who are deaf or hard of hearing by the end of the 4 year project period.</p> <p>Outcomes, including academic, health, social and economic will improve through early identification of hearing loss and intervention for children that are Deaf/Hard of Hearing (D/HH)</p>

**Delaware Division of Public Health
Early Hearing Detection and Intervention Program HRSA-20-047
Attachment 1. Logic Model**

<p>with Hearing Loss. <i>Pediatrics</i>. 1198: 102 (5); 1168-1171. Moeller, Early Intervention and Language Development in Children Who Are Deaf and Hard of Hearing. <i>Pediatrics</i>. 2000; 106: e43.</p>	<p>Advisory Board</p> <p>EHDI Quality Improvement Subcommittee</p> <p>Midwifery Council</p> <p>State Agency Partners:</p> <p>Title V Programs: Home Visiting, Part C- Early Intervention Program known as Child Development Watch</p> <p>Department of Health and Social Services, Early Intervention Services, Child Development Watch, Head Start, Home Visiting, and Title V Programs.</p> <p>Department of Education Part B 619</p> <p>Delaware Statewide Programs for the Deaf, HH&DB</p>	<p>services.</p> <p>Local networking opportunities across providers such as Parent driven programs, Pediatricians, and Audiologist.</p> <p>Performing data analysis through the Evaluation Data</p> <p>Performing QI that helps improve the functionality of the communication among the Pediatricians and State.</p>	<p>knowledge gained from trainings being offered to Early Intervention (EI) Service Coordinators in all 3 counties of the state of Delaware.</p> <p>Continuous quality improvement (QI) throughout the 4 years with the support of the EHDI Advisory Board and EHDI QI Sub-Committee.</p> <p>Through emails, website, brochures and other literature, Increase the public awareness of newborn hearing screening, diagnosis, and family support.</p> <p>Maintain timely, complete, and accurate data.</p> <p>Decrease the loss to documentation of hearing screening.</p>	<p>families of members with children hard of hearing or hearing loss so that the parents can make informed decisions on choosing a communication mode for their child.</p> <p>Develop a sustainable community with the capacity to maintain the learning community for medical providers and families long after the 4 year funding has ended.</p>	<p>support services.</p>	
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Values

**Delaware Division of Public Health
Early Hearing Detection and Intervention Program HRSA-20-047
Attachment 1. Logic Model**

- Families with newborns, infants, and young children up to 3 years of age who are deaf or hard-of-hearing (DHH) are entitled to appropriate and timely services that include hearing screening, diagnosis, and early intervention (EI).
- Families should be able to access a comprehensive and coordinated State EHDI system of care that includes Family-to-Family Support.
- The EHDI System addresses diversity and inclusion with cultural competency at the forefront.

- Families have a right to choose a communication mode for their child.
- The primary care provider has the responsibility in the management of care and educating the parent on making an informed choice.
- The 1-3-6 Timeline for hearing screening and early diagnosis, will lead a child in succeeding in their life with Language, Learning and Linguistics.