



EHD State and Territorial Profiles Washington

This profile includes information about a state or territorial EHD program related to general program information, hearing screening, re-screening and diagnostic evaluations, early intervention, and the EHD data system.

If any information in this profile is incorrect or needs to be updated please email: ehdi@cdc.gov

Disclaimer:

Information found in the EHD State and Territorial Profiles is intended only for informational purposes. This data may not reflect the most up-to-date information related to state and territory EHD programs. Specific questions about programs in states and territories should be sent to the program contact. Information included in the State Profile does not constitute an endorsement of authors or organizations by CDC. The views and opinions of these authors and organizations are not necessarily those of CDC or the U.S. Department of Health and Human Services (HHS). Views and opinions expressed at the sites do not necessarily represent HHS, CDC, or the U.S. Public Health Services.

Category and Questions	Information
General Program Information	
Official name of the state/territory Early Hearing Detection and Intervention (EHD) program	Early Hearing-loss Detection, Diagnosis, and Intervention (EHDDI) Program
Contact for the state/territory EHD program.	Karin Neidt, MPH EHDDI Program Coordinator Washington State Department of Health 1610 NE 150th Street Mailstop K17-9 Shoreline, WA 98155 (206)418-5609 (206)418-5415 Karin.Neidt@doh.wa.gov
Legislation regarding newborn hearing screening? If yes, does the legislation mandate or provide funds for newborn hearing screening and follow-up services?	No Washington has a voluntary universal newborn hearing screening program with 68 out of 69 birthing hospitals participating. Therefore, neither screening or reporting of results are mandated.
State/territory website related to infant/child hearing loss?	Yes http://www.doh.wa.gov/cfh/mch/genetics/ehddi/default.htm
State/territory CDC/EHD Cooperative Agreement related to hearing screening?	Yes

State/territory have a Maternal and Child Health Bureau Grant related to hearing screening?	Yes
Participate in a CDC funded research project?	<u>On-going:</u> http://www.cdc.gov/ncbddd/ehdi/researchongoing.htm <u>Monitoring Risk Factors for Late-Onset Hearing Loss Among Children – University of Washington</u>
Hearing Screening Information	
State/territory written guidelines and/or protocols for performing hearing screenings?	Yes. Washington has created Protocols for Newborn Hearing Screening that have been disseminated to birthing hospitals across the state. The protocols were created by a workgroup comprised of audiologists and hearing screening coordinators practicing in Washington State. http://www.doh.wa.gov/cfh/mch/genetics/ehddi/Documents/newborn_protocol.pdf
Primarily responsible in most hospitals for conducting in-hospital hearing screenings?	Nurses, Other Infant hearing screenings in hospitals are mostly conducted by nurses and nursing aides.
Estimated percentage of newborns that are initially screened with OAE or AABR. (Of the newborns that failed the initial screen, estimated percentage that are re-screened in the hospital with OAE or AABR.)	NICU Screening: OAE_____%; AABR_____% WBN Screening: OAE_____%; AABR______% NICU Re-screening: OAE_____%; AABR_____% WBN Re-screening: OAE_____%; AABR_____%
State/territory requires parental consent for hearing screening(s) to be done at the time of birth?	Yes Parental consent for all newborn services is obtained at the time of the mother's admission
What happens if a baby does not pass the initial hearing screening(s)?	Re-screen in hospital before discharge, Re-screen as outpatient, Referred for diagnostic audiological evaluation The follow-up practice depends on the facility where the infant was initially screened
Birthing hospitals/facilities/providers required to report hearing screening results to the state?	No Hospitals and audiologists voluntarily report screening and diagnostic data to the state EHDDI Program.
How birthing hospitals/facilities report hearing screening information to the state/territory	95% of individual-level screening results are receive on metabolic forms; 1% by paper form; 4% by fax. Results are recorded on one page of the multi-page infant's bloodspot card. Cards are set to Public Health laboratory where they are logged in and data are entered. The cards and data disc are returned the next

	<p>morning, where the information is merged into the hearing database. The database, developed by Limelight Technologies, has a comprehensive case management system.</p>
<p>Hearing screening results reported to the infant's physician? [If yes, are all results reported or only failed screening?]</p>	<p>Notify "Refer" results only We also report risk factors to primary care providers along with recommendations for re-screening prior to age three.</p>
<p>Rescreening and Diagnostic Evaluations</p>	
<p>State/territory written guidelines and/or protocols for performing hearing re-screenings?</p>	<p>Yes. http://www.doh.wa.gov/cfh/mch/genetics/ehddi/Documents/newborn_protocol.pdf</p>
<p>State's program guidelines for helping families with third party preauthorization of re-screening or diagnostic evaluations?</p>	<p><i>No information currently available</i></p>
<p>State/territory written guidelines and/or protocols for performing diagnostic evaluations?</p>	<p>Yes. http://www.doh.wa.gov/cfh/mch/genetics/ehddi/Documents/Audiological_Protocol.pdf</p>
<p>State/territory EHDl program list of audiologic diagnostic centers and audiologists skilled in providing pediatric services to infants?</p>	<p>Yes. http://www.doh.wa.gov/cfh/mch/genetics/ehddi/Documents/Pediatric_Audiology_Services_Guide.pdf</p>
<p>Number of pediatric audiologists and/or diagnostic centers on the list</p>	<p>Currently, 19 audiology centers (one in Oregon) meet the DOH requirements for pediatric diagnostic audiological assessment.</p>
<p>Who is responsible for scheduling appointments for outpatient hearing re-screenings?</p>	<p>Primary Care Provider (PCP), Parents or guardians, Hospitals Follow-up practices are dependant on where the infant was screened initially.</p>
<p>Who is responsible for scheduling appointments for diagnostic audiologic evaluations?</p>	<p><i>No information currently available</i></p>
<p>How audiologists report diagnostic audiological evaluation results to the state/territory</p>	<p>80% of audiological evaluations are reported by web-based entry; 20% by fax.</p>
<p>Guidelines and/or protocols for audiologists to report diagnostic audiological evaluation results to the state/territory?</p>	<p>Instructions are available for the web based reporting system. WA seeks to obtain audiological evaluation data for all occurrent births below a given age that obtain an audiological evaluation, including children with risk factors for hearing loss.</p>
<p>One or more persons on the EHDl staff who are responsible for the</p>	<p><i>No information currently available</i></p>

follow-up of families who need to return for re-screen, diagnostics, or referral to intervention?	
Early Intervention	
Lead agency for the Part C Early Intervention Program	Department of Social and Health Services – Part C-Infant Toddler early Intervention Program (ITEIP). Sandy Loerch Morris, Part C Coordinator loerck@dshs.wa.gov
State/territory written guidelines, and/or protocols for providing intervention services for children with hearing loss?	Yes. http://www.doh.wa.gov/cfh/mch/genetics/ehddi/Documents/Best_Practices.pdf Guidelines created by EHDDI staff and other WA stakeholders, updates or modifications are the responsibility of the State Interagency Coordinating Council advisory committee.
Eligibility criteria for Part C services for infants and toddlers with hearing loss	<i>No information currently available</i>
Eligibility criteria for Part B services for preschool children with hearing loss	<i>No information currently available</i>
Children with mild or unilateral hearing loss eligible for services under Part C or Part B?	<i>No information currently available</i>
Other public or private programs(s) and services (other than Part C or Part B) that provide intervention services to children with hearing loss	<i>No information currently available</i>
Services such as family support, transportation to follow-up appointments, parent to parent available to families with children with hearing loss? List.	<i>No information currently available</i>
Program receives information regarding whether or not a referred child is receiving Part C services or other intervention services?	No
Intervention programs report other information about children, such as type of intervention, developmental test scores, use of assistive devices?	No

EHDI Data System	
State/territory written guidelines and/or protocols related to the EHDI tracking system?	Yes All procedures and protocols are well documented.
Type of system program uses to track hearing screening and follow-up information. .	OR has a "Home grown" system developed by outside vendor: Limelight Technologies The EHDDI tracking and surveillance system is first populated by data from the newborn screening dried blood spot cards, and diagnostic data are predominately entered by audiologists via the web. The OR program obtains birth certificate data for all occurrent births. The OR program receives individual-level data for ALL hearing screens.
State EHDI tracking system includes data items to identify infants and children with risk factors for hearing loss?	Yes
Unique identifier is used to identify infants/children in the state/territory EHDI tracking system	An EHDDI number ascribed to the newborn screening dried blood spot card.
How program addresses de-duplication of screening and diagnostic evaluation data	The WA program address de-duplication of screening data after data entry, software checks for approximate or probabilistic matches. Diagnostic evaluation data are obtained through a trusted source and assumed to be de-duplicated or free of duplicate entries. If two records belong to the same individual, or if two records have been combined into a single record, it is possible to fix the error without re-entering the data.
EHDI system linked to or integrated with any of the following: -Blood spot card -EBC -Audiology -Early Intervention -Immunizations -Other	WA has a blended system (e.g., some EHDI data is part of an integrated state data system, other EHDI data is maintained in a separate data system) Hearing screening results are reported on the blood spot card. WA does have an EBC but information not incorporated. The EBC does provide a listing of births to NBS which is currently being used in a pilot phases to see if it adds to identification of potential missed infants for either dried blood spot screening or EHDDI.
Other EHDI Questions	
State materials/ brochures/ protocols for parents and professionals about the EHDI	Yes. http://www.cdc.gov/ncbddd/ehdi/statesclearinghouse/washington.htm

program. (Link to matrix).	
Agencies, foundations, organizations, or other programs that provide funding for the purchase of any of the assistive devices for children with hearing loss	<i>No information currently available</i>
Statewide hearing aid loaner program for infants, toddlers, and children with hearing loss?	<i>No information currently available</i>
Resources, other than those from the state or territory, available to help families with the costs of caring for an infant, toddler, or child with a hearing loss?	<i>No information currently available</i>