



Updated: February 2008

## EHDI State and Territorial Profiles Vermont

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

*If any information in this profile is incorrect or needs to be updated please email: [ehdi@cdc.gov](mailto:ehdi@cdc.gov)*

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Category and Questions	Information
<b>General Program Information</b>	
Official name of the state/territory Early Hearing Detection and Intervention (EHDI) program	Vermont Universal Newborn Hearing Screening Program
Contact for the state/territory EHDI program.	Stacy M. Jordan, MA CCC-Audiologist UNHS/HOP Clinical Coordinator Vermont Department of Health 108 Cherry Street P.O. Box 70 Burlington, VT 05402 802-865-1330 802-951-1218 <a href="mailto:sjordan@vdh.state.vt.us">sjordan@vdh.state.vt.us</a>
Legislation regarding newborn hearing screening?  If yes, does the legislation mandate or provide funds for newborn hearing screening and follow-up services?	No  VT does not mandate that hearing screening be offered, but does mandate reporting of screening results to the EHDI program.
State/territory website related to infant/child hearing loss?	Yes.  This website also provides information regarding our outpatient hearing screening program for newborns and children up to four years of age.  <a href="http://healthvermont.gov/family/hearing/newborn.aspx">http://healthvermont.gov/family/hearing/newborn.aspx</a>
State/territory CDC/EHDI Cooperative Agreement related to	Yes.

hearing screening?	
State/territory have a Maternal and Child Health Bureau Grant related to hearing screening?	Yes.
Participate in a CDC funded research project?	No
<b>Hearing Screening Information</b>	
State/territory written guidelines and/or protocols for performing hearing screenings?	Yes The Vermont EHDI team held meetings with primary care providers, hospital staff, and hospital community liaison staff to share best practices, establish protocols, standardize data, determine how statistics will be kept, and to make decisions about infor
Primarily responsible in most hospitals for conducting in-hospital hearing screenings?	Nurses, Technicians, Other Nurses, trained technicians, and respiratory therapists
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?	We defer to hospital policies. Parents have the right to refuse.
What happens if a baby does not pass the initial hearing screening(s)?	Re-screen in hospital before discharge, Re-screen as outpatient
Birthing hospitals/facilities/providers required to report hearing screening results to the state?	No We do not have legislation so reporting is not "required" but requested. We have 100% compliance with hospitals reporting to the EHDI program. The information collected includes: Baby's name (first & last) Date of Birth Sex Single/Multiple birth (order) Medical Record Number Mother's Name (first & last) Testing results at discharge Technology used to screen Reason, if no screening was completed Answer of "yes", "no", or "unknown" to 7 high-risk factors for hearing loss
How birthing hospitals/facilities report hearing screening information to the state/territory	100% of individual-level screening results are obtained through paper form.. Data from the VT UNHS forms are manually data entered into the Newborn Screening Index system. We are in the process of creating a new hearing database and hope to be able to collect data electronically or via the web.

<p>Hearing screening results reported to the infant's physician? [If yes, are all results reported or only failed screening?]</p>	<p>This varies by hospital. Some facilities insert the results into the medical record, contact the PCP only if the child does not pass, or send out result letters.</p>
<p><b>Rescreening and Diagnostic Evaluations</b></p>	
<p>State/territory written guidelines and/or protocols for performing hearing re-screenings?</p>	<p>This varies by facility. Some hospitals are able to re-screen on an outpatient basis. All other babies are referred to our state-wide outpatient screening program.</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 The state has written recommended protocols for diagnostic hearing evaluations in newborns/infants. We also have compiled a list of audiologists who have verified that they are equipped to meet these guidelines.</p>
<p>State/territory EHDl program list of audiologic diagnostic centers and audiologists skilled in providing pediatric services to infants?</p>	<p><a href="http://healthvermont.gov/family/hearing/clinical_aud.aspx">http://healthvermont.gov/family/hearing/clinical_aud.aspx</a></p>
<p>Number of pediatric audiologists and/or diagnostic centers on the list</p>	<p><i>No information currently available</i></p>
<p>Who is responsible for scheduling appointments for outpatient hearing re-screenings?</p>	<p>Primary Care Provider (PCP), Parents or guardians, Hearing Outreach Program (HOP)</p>
<p>Who is responsible for scheduling appointments for diagnostic audiologic evaluations?</p>	<p>Parents or guardians</p>
<p>How audiologists report diagnostic audiological evaluation results to the state/territory</p>	<p>80% of audiological evaluations are reported by paper form; 20% by fax.</p>
<p>Guidelines and/or protocols for audiologists to report diagnostic audiological evaluation results to the state/territory?</p>	<p>No VT does not mandate that audiological evaluations be reported to the EHDl program. VT seeks to obtain audiological evaluation data for only those children who did not pass their hearing screening. They do not receive evaluation data for children with risk factors. We are in the process of establishing a more streamline way for audiologists to report results to the EHDl program.</p>

One or more persons on the EHDI staff who are responsible for the follow-up of families who need to return for re-screen, diagnostics, or referral to intervention?	<i>No information currently available</i>
<b>Early Intervention</b>	
Lead agency for the Part C Early Intervention Program	Education and Human Services (Co-Lead) Helen Keith, Part C Coordinator <a href="mailto:helen.keith@ahs.state.vt.us">helen.keith@ahs.state.vt.us</a>
State/territory written guidelines, and/or protocols for providing intervention services for children with hearing loss?	<i>No information currently available</i>
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?	Yes – some individual child level and some aggregate level data is received from Part C, but not other EI providers.
Intervention programs report other information about children, such as type of intervention, developmental test scores, use of assistive devices?	No

<b>EHDI Data System</b>	
State/territory written guidelines and/or protocols related to the EHDI tracking system?	Yes The program created a Newborn Screening Index User Manual.
Type of system program uses to track hearing screening and follow-up information. .	VT has a "Home grown" system developed by state personnel.  The VT program address de-duplication of screening and diagnostic data during data entry, staff search for possible matches.  The VT program does obtain birth certificate data for all occurrent births.  The VT program does receive 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 We collect information on 7 risk factors for hearing loss.
Unique identifier is used to identify infants/children in the state/territory EHDI tracking system	Blood spot cards, Number generated by the data system, Other Medical Record Number We have multiple identifiers to cross-check that we have the right baby. Our new system will have a single unique identifier that is automatically generated.
How program addresses de-duplication of screening and diagnostic evaluation data	De-duplication of screening and diagnostic evaluation data is addressed during data entry, staff search for possible matches  If it is determined that two records belong to the same individual, it is not possible to combine these two records under the same ID number without re-entering all of the data for one of the records. However, if two records have been combined into a single record, but then it is determined that this was an error, it is possible to "undo" this and re-create the original, separate records under different ID numbers 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	VT has an integrated EHDI data system (i.e., the EHDI program has a separate data system from other state programs, but contains all screening, diagnostic, service data in one system. The EHDI data system may obtain uploads from other systems  The UNHS tracking system is populated from the metabolic screening database.  VA is not yet linked with EBC, but the new hearing screening system will be an integrated system.  VT is committed to developing an integrated system (SPHINX), but there have been delays.
<b>Other EHDI Questions</b>	
State materials/ brochures/	Yes.

protocols for parents and professionals about the EHDI program. (Link to matrix).	<a href="http://www.cdc.gov/ncbddd/ehdi/statesclearinghouse/vermont.htm">http://www.cdc.gov/ncbddd/ehdi/statesclearinghouse/vermont.htm</a>
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>