



## EHDI State and Territorial Profiles Michigan

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)*

**Disclaimer:**

Information found in the EHDI 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 EHDI 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
<b>General Program Information</b>	
Official name of the state/territory Early Hearing Detection and Intervention (EHDI) program	Michigan Early Hearing Detection and Intervention Program
Contact for the state/territory EHDI program.	Yasmina Bouraoui, M.PH. Coordinator Michigan Dept of Community Health PO Box 30195 Lansing, MI 48909 517-335-9398 517-335-8036 <a href="mailto:bouraouiy@michigan.gov">bouraouiy@michigan.gov</a>
Legislation regarding newborn hearing screening?  If yes, does the legislation mandate or provide funds for newborn hearing screening and follow-up services?	No Michigan does not have legislation mandating hearing screening and tracking. Michigan does have a bill that mandates reporting.
State/territory website related to infant/child hearing loss?	Yes <a href="http://www.michigan.gov/mdch/0,1607,7-132-2942_4911_21429---,00.html">http://www.michigan.gov/mdch/0,1607,7-132-2942_4911_21429---,00.html</a>
State/territory CDC/EHDI 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?	Yes On-going: <u>Loss to Follow-Up</u> - CDC "1% Evaluation Project", CDC and RTI International
<b>Hearing Screening Information</b>	
State/territory written guidelines and/or protocols for performing hearing screenings?	Yes <a href="http://www.michigan.gov/documents/protocolfinal060102_53439_7.pdf">http://www.michigan.gov/documents/protocolfinal060102_53439_7.pdf</a>
Primarily responsible in most hospitals for conducting in-hospital hearing screenings?	Nurses, Technicians, Volunteers, Audiologists, Other Hearing screening is usually conducted by nursing staff, but volunteers and trained technicians are also used in select hospitals. Most hospital screening programs are overseen by audiologists.
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 Hearing screening is not required by Michigan law, but most hospitals voluntarily offer hearing screenings. Parents must be notified that they can refuse this screening though.
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?	Yes Any hearing screen or test completed on an infant under the age of 12 months, and on any child under the age of 3 years with a diagnosed hearing loss. The report includes the type, degree, and symmetry of the diagnosis, along with where and when the diagnosis was made.
How birthing hospitals/facilities report hearing screening information to the state/territory	85% of individual-level screening results are received on metabolic forms; 4% on birth certificate; 2% on paper form; 9% on fax.
Hearing screening results reported to the infant's physician? [If yes, are all results reported or	Notify "Refer" results only Re-screen results are recommended to be reported to the infant's PCP within 14 days.

only failed screening?]	
<b>Rescreening and Diagnostic Evaluations</b>	
State/territory written guidelines and/or protocols for performing hearing re-screenings?	Yes <a href="http://www.michigan.gov/documents/protocolfinal060102_53439_7.pdf">http://www.michigan.gov/documents/protocolfinal060102_53439_7.pdf</a>
State's program guidelines for helping families with third party preauthorization of re-screening or diagnostic evaluations?	<i>No information currently available</i>
State/territory written guidelines and/or protocols for performing diagnostic evaluations?	Yes <a href="http://www.michigan.gov/documents/protocolfinal060102_53439_7.pdf">http://www.michigan.gov/documents/protocolfinal060102_53439_7.pdf</a>
State/territory EHDI program list of audiologic diagnostic centers and audiologists skilled in providing pediatric services to infants?	Yes
Number of pediatric audiologists and/or diagnostic centers on the list	21 diagnostic centers
Who is responsible for scheduling appointments for outpatient hearing re-screenings?	Parents or guardians, Hospitals
Who is responsible for scheduling appointments for diagnostic audiologic evaluations?	Primary Care Provider (PCP), Parents or guardians
How audiologists report diagnostic audiological evaluation results to the state/territory	50% of audiological evaluations are reported by paper form; 50% by fax.
Guidelines and/or protocols for audiologists to report diagnostic audiological evaluation results to the state/territory?	MI mandates that audiological evaluations be reported to the EHDI program. MI 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.
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	Department of Education

Intervention Program	Vanessa Winborne, Part C Coordinator <a href="mailto:winbornev@michigan.gov">winbornev@michigan.gov</a>
State/territory written guidelines, and/or protocols for providing intervention services for children with hearing loss?	Yes <a href="http://www.michigan.gov/mdch/0,1607,7-132-2942_4911_21429-139991--,00.html">http://www.michigan.gov/mdch/0,1607,7-132-2942_4911_21429-139991--,00.html</a>
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, individual child level data are received from Part C, but not from other EI providers.
Intervention programs report other information about children, such as type of intervention, developmental test scores, use of assistive devices?	Yes, individual child level data are received about the type of intervention a child receives from Part C, but not from other EI providers.
<b>EHDI Data System</b>	
State/territory written guidelines and/or protocols related to the EHDI tracking system?	<i>No information currently available</i>
Type of system program uses to track hearing screening and follow-up information. .	MI has a "Home grown" system developed by outside vendor. Blood spot cards Perkin and Elmer, EHDI Surveillance System, and Access

	<p>The MI program does not obtain birth certificate data for all occurrent births.</p> <p>The MI program receives individual-level data for ALL hearing screens.</p>
State EHDI tracking system includes data items to identify infants and children with risk factors for hearing loss?	<i>No information currently available</i>
Unique identifier is used to identify infants/children in the state/territory EHDI tracking system	Blood spot card number
How program addresses de-duplication of screening and diagnostic evaluation data	<p>MI addresses de-duplication of screening and diagnostic evaluation data during data entry, staff search for possible matches.</p> <p>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.</p>
<p>EHDI system linked to or integrated with any of the following:</p> <ul style="list-style-type: none"> <li>-Blood spot card</li> <li>-EBC</li> <li>-Audiology</li> <li>-Early Intervention</li> <li>-Immunizations</li> <li>-Other</li> </ul>	MI has an integrated state data system (i.e., EHDI is only one piece in a larger system that includes other programs)
<b>Other EHDI Questions</b>	
State materials/ brochures/ protocols for parents and professionals about the EHDI program. (Link to matrix).	<p>Yes</p> <p><a href="http://www.cdc.gov/ncbddd/ehdi/statesclearinghouse/michigan.htm">http://www.cdc.gov/ncbddd/ehdi/statesclearinghouse/michigan.htm</a></p>
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>

<p>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?</p>	<p><i>No information currently available</i></p>
---	--