



Updated: February 2008

## EHD State and Territorial Profiles California

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](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 (EHD) program	California Newborn Hearing Screening Program
Contact for the state/territory EHD program.	Hallie W. Morrow, MD, MPH Children's Medical Services Branch California Dept of Health Services 1515 K Street, Rm 400, MS 8103 P.O. Box 997413 Sacramento, CA 95899-7413 (916) 323-8009 (916) 323-8104 <a href="mailto:hmorrow@dhs.ca.gov">hmorrow@dhs.ca.gov</a>
Legislation regarding newborn hearing screening?  If yes, does the legislation mandate or provide funds for newborn hearing screening and follow-up services?	Yes As of Dec 31, 2002, Acute Care Hospitals with CCS funding are required to offer screening to newborns and to screen all infants in a California Children's Services (CCS) approved NICU. NHSP certified providers are required to report infant demographic data, test results, follow-up appointments.
State/territory website related to infant/child hearing loss?	Yes <a href="http://www.dhs.ca.gov/pcfh/cms/nhsp/">http://www.dhs.ca.gov/pcfh/cms/nhsp/</a>
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?	No
<b>Hearing Screening Information</b>	
State/territory written guidelines and/or protocols for performing hearing screenings?	Yes The California Newborn Hearing Screening Program has developed standards for inpatient and outpatient infant hearing screening providers and has a certification process to assure that the providers meet the standards.
Primarily responsible in most hospitals for conducting in-hospital hearing screenings?	Each hospital has policies and procedures that specify the personnel performing the hearing screening. The Department of Health Services has developed minimum competency criteria for screening personnel.
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 Written consent is required.
What happens if a baby does not pass the initial hearing screening(s)?	Re-screen in hospital before discharge. All infants who do not pass inpatient hearing screening must be re-screened prior to discharge. A newborn nursery infants who has a refer result after at least 2 inpatient screens leaves the hospital with an outpatient re-screen appointment scheduled within ??
Birthing hospitals/facilities/providers required to report hearing screening results to the state?	Yes NHSP certified inpatient and outpatient screening providers report infant demographic data, test results, follow-up appts & referrals. All providers of audiologic follow-up services are required to report results to the Department of Health Services.
How birthing hospitals/facilities report hearing screening information to the state/territory	Paper form
Hearing screening results reported to the infant's physician? [If yes, are all results reported or only failed screening?]	The hospitals are required to reports results of inpatient screens (pass and refer) to the primary care provider. Outpatient providers are expected to notify the primary care provider of results. The Hearing Coordination Centers also provide results of outpatient screen.

<b>Rescreening and Diagnostic Evaluations</b>	
State/territory written guidelines and/or protocols for performing hearing re-screenings?	Yes The Department of Health Services has developed standards for Outpatient Infant Hearing Screening Providers. These are available on the NHSP website. NHSP website address - <a href="http://www.dhs.ca.gov/nhsp">www.dhs.ca.gov/nhsp</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 The Department of Health Services, in collaboration with pediatric audiologists in the state, has developed Infant Audiology Assessment Guidelines. These are available on the NHSP website.
State/territory EHDI program list of audiologic diagnostic centers and audiologists skilled in providing pediatric services to infants?	Yes The Department of Health Services, Children's Medical Services Branch, has a listing of Communication Disorder Centers (Type C) that are approved by the CCS program to provide audiologic services to infants and toddlers. This listing is available on the NHSP website.
Number of pediatric audiologists and/or diagnostic centers on the list	<i>No information currently available</i>
Who is responsible for scheduling appointments for outpatient hearing re-screenings?	Hospitals
Who is responsible for scheduling appointments for diagnostic audiologic evaluations?	Hospitals, Outpatient screener The NICU or the outpatient screener is responsible for referring the infant for a diagnostic audiologic evaluation and for submitting the family application and request for services to the local CCS program for expedited authorization.
How audiologists report diagnostic audiological evaluation results to the state/territory	100% of audiological evaluations are reported by fax.
Guidelines and/or protocols for audiologists to report diagnostic audiological evaluation results to the state/territory?	CA mandates that the screening and audiology evaluation results are reported to the EHDI program.  CA seeks audiological evaluations only for those children who did not pass their hearing screening and receives audiological evaluations for 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 Intervention Program	Developmental Services Rick Ingraham, Manager <a href="mailto:ringraha@dds.ca.gov">ringraha@dds.ca.gov</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—information is received from Part C services at the individual child level but not for other EI services.
Intervention programs report other information about children, such as type of intervention, developmental test scores, use of assistive devices?	Yes--some or all is at the individual child level for Part C, but not other EI services.
<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	The CA program does obtain birth certificate data for all occurrent

<p>track hearing screening and follow-up information. .</p>	<p>births. The Ca program only receives aggregate screening data for 70% of all occurrent births. All individual-level screening results are received by fax.</p>
<p>State EHDI tracking system includes data items to identify infants and children with risk factors for hearing loss?</p>	<p><i>No information currently available</i></p>
<p>Unique identifier is used to identify infants/children in the state/territory EHDI tracking system</p>	<p><i>No information currently available</i></p>
<p>How program addresses de-duplication of screening and diagnostic evaluation data</p>	<p>There is currently no systematic effort for de-duplication of screening data. CA addresses de-duplication of diagnostic evaluation data during data entry, staff search for possible matches. If it is determined that two records belong to the same individual, it is possible to combine these two records under the same ID number without re-entering all of the data for one of the records. If two records have been combined into a single record, but then it is determined that this was an error, is it not possible to “undo” this and re-create the original, separate records under different ID numbers without re-entering the data.</p>
<p>EHDI system linked to or integrated with any of the following: -Blood spot card -EBC -Audiology -Early Intervention -Immunizations -Other</p>	<p>CA has a non-integrated system (e.g., one database contains screening data, a separate database contains diagnostic evaluation data)</p>
<p><b>Other EHDI Questions</b></p>	
<p>State materials/ brochures/ protocols for parents and professionals about the EHDI program. (Link to matrix).</p>	<p>Yes <a href="http://www.cdc.gov/ncbddd/ehdi/statesclearinghouse/california.htm">http://www.cdc.gov/ncbddd/ehdi/statesclearinghouse/california.htm</a></p>
<p>Agencies, foundations, organizations, or other programs that provide funding for the</p>	<p><i>No information currently available</i></p>

purchase of any of the assistive devices for children with hearing loss	
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>