BUILDING COMMUNITY
CAPACITY FOR EHDI SERVICES
STATEWIDE

A Kentucky Model

Eric Cahill, M.S., CCC-A
Kelly Daniel, M.S., CCC-A
Lou Ann Jones, M.S., CCC-A
Carolyn Kisler, M.A., CCC-A
KENTUCKY’S FAMOUS FOR...
Kentucky HB 706
Spring 2000
Kids Now
(Kentucky Invests in Developing Success)

- Mandated UNHS for all birthing hospitals in KY w/40+ births/yr.
- Selected CCSHCN to manage UNHS
- Set strict guidelines for reporting & data management.

January 1, 2001 full implementation
Mandated Risk Indicators

- High Bilirubin
- Craniofacial Anomalies
- Syndromes
- Sepsis, Seizures, Meningitis
- Ototoxic Medications
- Pre/perinatal Conditions
- PPHN (Persistent Pulmonary Hypertension)
- Family History of Hearing Loss
- Hearing Screening Results
- Low APGAR
- Low Birth weight
- Anoxia or apnea
Kentucky Birth Hospitals
Kentucky Diagnostic Test Centers

Level 1 Centers - Blue
Level 2 Centers - Red
Level I and Level II Centers

- **Level 2 Centers** provide complete diagnostic follow-up assessment
  - Otoscopy
  - Tympanometry
  - Ipsilateral Acoustic Reflex
  - Contralateral Acoustic Reflex
  - Otoacoustic Emissions with diagnostic capabilities
    - Distortion Product or Transient
  - Ear Specific Behavioral Observation Audiometry
  - Speech Awareness Threshold evaluation and
  - Speech Reception Threshold evaluation
  - Play audiometry
  - Frequency Specific ABR
  - Bone Conduction ABR
  - Real Ear Measures

- **Level 1 Centers** provide diagnostic follow-up assessment with referral to a Level II center if necessary
  - Otoscopy
  - Tympanometry
  - Ipsilateral Acoustic Reflex
  - Contralateral Acoustic Reflex
  - Ear Specific Behavioral Observation Audiometry
  - Speech Awareness Threshold evaluation and
  - Speech Reception Threshold evaluation
  - Play audiometry
  - Either:
    - Otoacoustic Emissions with diagnostic capabilities (Distortion Product or Transient) or
    - Screening ABR, with threshold information available
Kentucky Diagnostic Centers and Birth Hospitals

Birth Hospitals - Yellow
Level 1 Centers - Blue
Level 2 Centers - Red
Kentucky Diagnostic Test Centers

Level 1 Centers - Blue
Level 2 Centers - Red
KY CHALLENGES IDENTIFIED

- PERSONNEL ISSUES:
  - HOSPITAL STAFF TURNOVER
  - EHDI STAFF TURNOVER
- QUALITY OF DIAGNOSTIC AUDIOLOGY SERVICES
- ACCOUNTABILITY
- FRACTURED SERVICE AVAILABILITY THROUGHOUT THE STATE
MCHB Grant

- Chose to build local capacity
- Committee of Stakeholders
- Identify barriers unique to their community
- Share information – Team building Meeting
THREE COMMUNITIES

- Different demographics and levels of need.
- Pilot programs were asked to develop working solutions to stated goals and objectives.
- Duplication of successful programming in other areas of the state.
Community Partners Identified

- Western Kentucky-Christian County
- Central Kentucky – Lincoln Trail District Health Department
- Eastern Kentucky – Pike County
CHRISTIAN COUNTY

- One birthing facility
- Jennie Stuart Medical Center-Level II NICU
- Birthrate-819 births for 2006
- Refer Rate of 3.7%
- Additional Resident County births recorded at smaller hospitals or “at home”.

[Map showing locations]
LTDHD

- 7 counties: Grayson, Hardin, Larue, Meade, Nelson, Washington, Marion
- 5 birthing facilities
  - Approximately 1250 births/year
  - County resident births also recorded in 10 additional hospitals
PIKE COUNTY

- Two birthing facilities
  - Williamson ARH
    - Birthrate – 203
    - Refer rate – 7%
  - Pikeville Medical Center Level II NICU
    - Birthrate – 863
    - Refer rate – 2.6%
BUILD COMMUNITY CAPACITY FOR EHDI AT LOCAL LEVEL

Goal 1: Facilitate the development of community partner teams

- Physician/pediatrician
- Audiologist
- Speech pathologist
- Educational Cooperative
- Teacher of the Deaf/Hard of Hearing
- Parent of deaf or hard of hearing child
- Deaf or hard of hearing consumer
- Birthing hospital personnel
BUILD COMMUNITY CAPACITY FOR EHDI AT LOCAL LEVEL

- **Goal 2:** Increase accessibility of objective audiological and medical diagnostic services for referrals from UNHS screenings
Goal 3: Increase the number of infants receiving diagnostics by 3 months of age following a referral from UNHS to hospital discharge and the reporting follow-up to the CCSHCN-EHDI database.
Goal 4: To improve community knowledge, acceptance and support for those infants and young children identified as Deaf or Hard of Hearing and their families.
CHRISTIAN COUNTY

- One birthing facility
  - Jennie Stuart Medical Center-Level II NICU
  - Birthrate-819 births for 2006
  - Refer Rate of 3.7%
  - Additional Resident County births recorded at smaller hospitals or “at home”.

[Map showing location of Christian County]
## Obstacle/barriers To EHDI follow-up

<table>
<thead>
<tr>
<th>Obstacle/ barriers</th>
<th>Proposed solution</th>
<th>Outcome</th>
</tr>
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<tbody>
<tr>
<td>Community Private Practice Audiologist lacked technology and ability to bill for services.</td>
<td>Purchased equipment - initially housed at local hospital who billed for services and contracted with Audiologist provider. Equipment now housed at Private Practice Audiologist Facility and Hospital has a direct referral pathway to Audiologist.</td>
<td>Hospital selected equipment with audiologist and arranged for space and billing services.</td>
</tr>
</tbody>
</table>
### Obstacle/ barriers To EHDI follow-up

- Local Hospital has NICU, but Only doing OAE screens

### Proposed solution

- Researched and purchased ABR screener for hospital

### Outcome

- Ordered December 2005
- Delivered and staff trained February 2006
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<tr>
<td>Referral pathway undefined</td>
<td>Coordinator at JSMC and audiologist to work on solution</td>
<td>March, 2006 to present: direct referral pathway defined and implemented</td>
</tr>
</tbody>
</table>
In October 2005, an OAE machine was loaned from CCSHCN. Based on usage of equipment, it was recommended to purchase OAE screening equipment by April 2007.

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<tr>
<td>No system/equipment to offer Home birth infants screening</td>
<td>Track home births, Submit Hearing Screen Reports to state Screen with equipment as available</td>
<td>In October 2005, OAE machine loaned from CCSHCN. Based on usage of equipment, recommended purchase of OAE screening equipment by April 2007</td>
</tr>
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</table>
### Obstacle/ Barrier to Follow-up

Outreach to neighboring county/Birthing hospital-screening equipment could not be repaired, did not have a printer or database available

### Proposed Solution

Purchase screening AABR for hospital

### Outcome

Discussion began in January 2007 during EHDI coordinator’s technical assistance visit with hospital. Equipment purchased- Feb/March 2007
## CHRI STIAN COUNTY

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<th>Outcome</th>
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<tr>
<td>Lack of knowledge about newborn hearing screening in neighboring county</td>
<td>Public outreach with billboard advertisement for EHDI</td>
<td>Billboard placed in November 2007 at Muhlenberg Community Hospital</td>
</tr>
</tbody>
</table>
Can your baby hear?

1 in 300 babies has a hearing loss.

Early Hearing Detection and Intervention

1-877-757-4327

Muhlenberg Community Hospital
Lincoln Trails District Health Department
7 counties: Grayson, Hardin, Larue, Meade, Nelson, Washington, Marion

5 birthing facilities
- Approximately 1250 births/year
- County resident births also recorded in 10 additional hospitals
Identified Barriers
- Difficulty obtaining local information on infants in need of services

Proposed solutions/Outcomes
- Coordination with birth hospitals to obtain newborn hearing screening results
- Coordination with pediatric practice in Bardstown
  - AABR/OAE rescreening equipment purchased
  - Results to BCC committee as well as EHDI Program
Lincoln Trail District Health Department

- Identified Barriers
  - Lack of resources and support for parents

- Proposed solutions/Outcomes
  - Attempted to recruit a “parent mentor” to be able to contact families and encourage follow up.
    - Unsuccessful to date.
Lincoln Trail District Health Department

- Identified Barriers
  - Lack of uniform parent educational materials.

- Proposed solutions/Outcomes
  - EHDI Brochure, May ’06
    - English and Spanish versions
  - Speech/Language Milestones, May ’06
    - English and Spanish versions
  - Opening Doors, in process
    - Parent information booklet
# Speech and Language Milestones

**Is Your Baby Hearing You?**

Make sure your baby can hear you say “I love you.” Endless days of silence—or muffled voices—can result in a lifetime of hearing problems. Hearing loss can happen at any time. Your infant’s hearing can be tested anytime after birth.

**Post this hearing checklist and use it monthly. If you suspect a hearing problem, call your doctor as soon as possible. YOUR CHILD IS COUNTING ON YOU.**

**My Child’s Hearing Checklist:**

- **During the first three months, does your child:**
  - **Quiet when a familiar voice is heard?**
  - **Act differently when a loud noise happens nearby?**

- **When your child is 3-6 months, does your child:**
  - **Turn head towards the source of your voice?**
  - **Try to grab other people’s toys?**
  - **Look to the speaker’s voice?**

- **When your child is 6-10 months, does your child:**
  - **React to music by smiling?**
  - **Repeat words and sounds like “yes,” “bye,” “all done,” and “night-night”!**
  - **Rattle by saying sounds like “Ma-Ma,” “Ta-Ta,” or “Wawa”?**

- **When your child is 10-12 months, does your child:**
  - **Know the names of their toys and pull them out when asked?**
  - **Respond positively to songs and rhymes like “baby shark” or “rock-a-bye-baby”?**

- **When your child is 12-18 months, does your child:**
  - **Follow simple directions such as “go get your shoes,” or bring the book to me?**
  - **Recognize names and objects such as nose, eyes, ears, and head?**
  - **Speak in sentences: greatest step noise clear and sentences?**

- **When your child is 18-24 months, does your child:**
  - **Combine simple words such as “daddy went” or “go-bye-ye?”**
  - **Show interest in the sounds around and interactions?**

**Speech and Language Development Milestones**

<table>
<thead>
<tr>
<th>Child’s Age</th>
<th>Talking</th>
<th>Yes</th>
</tr>
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</table>
| 0 to 6 Months | - Does your child make cooing and cooing sounds?  
- Does your child cry differently for different needs?  
- Does your child make sounds of different types of sounds?  
- Does your child understand written words? | |
| 7 Months to 1 Year | - Does your child laugh a lot?  
- Does your child respond to toys?  
- Does your child make different animal sounds?  
- Does your child make different sounds? | |
| 1 to 2 Years | - Does your child start to name pictures?  
- Does your child start to use 1-2 words together?  
- Is your child saying more than one word every month?  
- Does your child use many different different sounds at the beginning of words? | |
| 2 to 3 Years | - Does your child understand 5 or 6 word sentences?  
- Does your child ask “what” and “where” questions?  
- Does your child use more words?  
- Does your child use “me” and “my” correctly? | |
| 3 to 4 Years | - Does your child ask many questions, including why?  
- Does your child understand when you talk to them?  
- Can your child ask a simple question?  
- Can your child generally understand the difference? | |

If your child fails at any of these milestones, ask your doctor for help. If you still have concerns about your child’s development, talk to your pediatrician or contact an appropriate health professional.
Many babies with hearing loss will startle to loud sounds. Only a hearing test can tell you if your baby has a hearing loss.

Some babies may need further hearing testing even if they passed a hearing screening at birth. It is important to talk with your child’s doctor and make an appointment for further testing if:

- You have a family member with permanent hearing loss since childhood.
- Your baby was exposed to an infection before birth.
- Your baby or you had an infection at birth such as rubella, or cytomegalovirus.
- Your baby had an infection of the brain area near such as meningitis.
- Your baby had jaundice "yellow jaunishy." Your baby had jaundice, and was born with an unusual shape or form.
- Your baby had breathing difficulty at birth or immediately following birth.
- Your baby had a head injury.
- Your baby was given medications that can harm hearing.
- Your baby had to stay in the Neonatal Intensive Care Unit for more than 3 days.

****

The Early Hearing Detection & Intervention Program helps families get the services they need. Call today if you have any questions or want to know where to get a hearing test:

1-877-757-4327

1, 2, & 3 for Newborn Hearing

Screening before 1 month of age.

Diagnosis before 3 months of age.

Early Intervention before 6 months of age.

A CHILD IS NEVER TOO YOUNG FOR AN ACCURATE HEARING TEST!

Twinkle, twinkle little star

How I wonder what you are!

If you have concerns about your child’s hearing, or want to schedule a hearing test, contact your child’s doctor and call the Universal Newborn Hearing Screening Program for help.

Toll Free

1-877-757-4327

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Kentucky’s Early Hearing Detection & Intervention Program

1-877-757-4327

Kentucky Early Hearing Detection & Intervention Program

233 N. 4th Street

Building B

Lexington, KY 40507

1-800-385-5585

http://www.hearinh.org

Get your baby tested. Save your future.
**What is a screening?**

All babies are checked for signs of possible health concerns. These checks are called screenings.

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**Why is it important to have your baby’s hearing screened?**

If your baby has a hearing loss, it is important to find out early, and get care to help with hearing and language.

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**What does it mean if your baby does not pass the hearing screening?**

If your baby does not pass the hearing screening, it means that your baby needs further hearing testing. These tests will give you more information about your baby’s hearing.

Follow-up testing is very important. If your baby has a hearing loss, you will want to find out early.

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**How is the hearing screening done?**

Your hospital has a special machine to check your baby’s hearing.

The check is simple and does not hurt.

You will get the results before you leave the hospital.

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**Where do you go for follow up hearing testing?**

If your baby doesn’t pass the hearing screen, you will receive a list of clinics to contact for follow up hearing testing from Kentucky’s Universal Newborn Hearing Screening Program.

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**What if I’m told my child has a hearing loss?**

Talk to your baby’s doctor and audiologist.

Ask about local services for babies with hearing loss.

If you have any more questions, please call 1-877-757-4527.
Lincoln Trail District Health Department

- Identified Barriers
  - Lack of available diagnostic ABR equipment and providers in 3 of 7 counties

- Proposed solutions/Outcomes
  - Coordination with Danville, KY audiologist
  - Diagnostic ABR equipment recently purchased for placement in her practice with Memorandum of Agreement.
Lincoln Trail District Health Department

- Identified Barriers
  - Many infants born outside of KY birthing hospitals

- Proposed solutions/Outcomes
  - Ongoing coordination with Health Department clinics to complete Hearing Screening Report forms for transmittal to EHDI program and LTDHD committee.
Lincoln Trail District Health Department

- Identified Barriers
  - Lack of EHDI knowledge and awareness by area physicians

- Proposed solutions/Outcomes
  - CME offerings to area physicians by AAP EHDI Chapter Champion.
Pike County
PIKE COUNTY

- Two birthing facilities
  - Williamson ARH
    - Birthrate – 203
    - Refer rate – 7%
  - Pikeville Medical
    Center Level II NICU
    - Birthrate – 863
    - Refer rate – 2.6%
Pike County
### PIKE COUNTY

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<td></td>
<td>• Table sponsored at Pike County Baby Shower (August 2005)</td>
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<td>• Sponsored at table at the WIC (Women, Infants, and Children) fair at the Pike County Health Department</td>
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<td><strong>Proposed solution</strong> (September 2005)</td>
<td><strong>Pediatrician Luncheon and Dinner</strong> - Kentucky AAP Chapter Champion (March 2006)</td>
<td><strong>Outcome</strong></td>
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<td>Dissemination of information and materials to target audience</td>
<td><strong>Proposed solutions</strong> (September 2005)</td>
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- Article in “The Medical Leader” published by the Pikeville Medical Center (September 2005)
- Pediatrician Luncheon and Dinner - Kentucky AAP Chapter Champion (March 2006)
Just In Time
So your baby's care is right on time
Is Your Child "AT RISK" for Hearing Loss?

If you checked one or more boxes below, your child may be at risk for hearing loss.

☐ Spent 48 hrs or more in the Neonatal intensive Care Unit (NICU)
☐ Has a condition (neurological disorder) that is associated with hearing loss (check with your health care provider)
☐ Exposed to infection before birth
☐ Family history of children with hearing loss
☐ Head, face, or ears may be shaped or formed in a different way than usual
☐ Infection around the brain and spinal cord caused by bacteria (bacterial meningitis)
☐ Bad jaundice (hyperbilirubinemia) in babies that needed a special procedure (exchange transfusion)
☐ Bad injury to the head (that needed medical care)
☐ Ear infections with fluid that last a long time
☐ You are worried about your child's hearing

Ask your child's health care provider for information & help
Schedule an appointment
Have your child's hearing checked every 5 months

CDC
Early Hearing Detection and Intervention
www.cdc.gov/nchddddd/ehdi

AREA RESOURCES
Audiologists experienced with Infant Population and Otolaryngologists
Diagnostic Evaluations
East Kentucky Eye, Ear, Nose and Throat Specialists
1098 E Mayo Trail, Pikeville KY 40450
(606) 432-4494
Dr. Gregory V. Hazlett, DO
Dr. Kay Hazlett MD, Dr. Mike T. Cool MD
Danita Thompson PA-C
Audiologist Alec Manning MS, CCC-A
Highlands Regional Medical Center
5000 Route 321, Prestonsburg KY 41653
Dr. Gregory Baker
(606) 886-1499

Ear Nose and Throat Physicians of Eastern KY
133 S Mayo Trail, Pikeville KY 41501
Dr. Vanman
(606) 432-3727
Dr. Manosh Vongvise
Professional Associates Building, South Mayo Trail, Pikeville KY 41501
(606) 432-3277

Commission For Children With Special Healthcare Needs
Prestonsburg office located at Highlands Regional Medical Center
(606) 889-1761
1-800-594-7658

Ashland Regional Office (covers Pikeville Otolaryngology Clinic)
5850 Us 60 Box 11 Ashland KY 41102
1-800-650-1329

AUDIOLISTS
Loislee Snyder, Aud
UNHS Eastern Regional office
333 Waller Ave Suite 300
Lexington KY 40524
1-800-327-3074

Local Early Intervention System:
First Steps 1-800-320-6011

STATE RESOURCES
Statewide Family Support Center at the Kentucky School for the Deaf
PO Box 27
Danville, KY 40423
059-239-7017 ext 2503 TTY 502-897-1583 ext. 108

Kentucky School for the Deaf
Statewide Educational Resource Center on Deafness
Early Childhood Education Services; Danville, KY 40423; 859-239-7017 ext 2136

Lexington Hearing & Speech Center
Diagnostic services, early intervention and pre-school program, cochlear implant consultation, evaluation, and more.
162 North Ashland Avenue; Lexington, KY 40502
659-268-4545 (TTY)

Louisville Deaf Oral School
Comprehensive education programs/services for children who are deaf or hard of hearing
111 E. Kentucky Street; Louisville, KY 40203; 502-636-2084 (V)

Kentucky Commission on the Deaf and Hard of Hearing
Resource and advocate for deaf and hard of hearing persons
632 Versailles Road
Frankfort, KY 40601
800-372-3297 (TTY)

Parent Information Network of Kentucky (PINK)
Family support and information
P.O. Box 5266; Louisville, KY 40256
502-424-7465

Kentucky Deaf Blind Project
229 Taylor Education Building
Lexington, KY 40506
1867 Frankfort Ave
Louisville, KY 40206
502-897-1583 ext 279

Special Parent Involvement Network, Inc. (SPIN)
Provides training, information and support 10301-B Deering Road; Louisville, KY 40272
800-525-7746

NATIONAL RESOURCES
Alexander Graham Bell Association for the Deaf
3417 Volta Place NW
Washington, DC 20007
(202) 337-5220 (TTY)
http://www.aggbell.org

American Society for Deaf Children
PO Box 3355
Gettysburg, PA 17325
1-800-942-ASDC
http://www.deafchildren.org

Auditory-Verbal International, Inc.
2121 Eisenhower Ave, Ste.
402 Alexandria, VA 22314 (703) 739-0874
http://www.auditory-verbal.org

John Tracy Clinic
860 West Adams Boulevard
Los Angeles, CA 90007
(800) 522-4582
http://johntracyclinic.org

National Cued Speech Association
23970 Hartingham Road
Cleveland, OH 44122-4008
(800) 459-3529
http://www.cuedspeech.org/index.html

Telecommunications for the Deaf, Inc.
6930 Fenton Street, Ste. 604
Silver Springs, MD 20910-3803 (301) 598-3006
http://www.tdl-onlne.org

National Center for Hearing Assessment and Management (NCHAM)
Utah State University
2880 Old Main Hill
Logan, UT 84322
Tel: 435.797.3584
http://www.infanthearing.org

National Information Center on Deafness
Gallaudet University
800 Florida Avenue NE
Washington, DC 20002-3695
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<td>Lack of community knowledge concerning the importance of early hearing detection and intervention</td>
<td>Dissemination of information and materials to target audience</td>
<td>• Two billboards along Highway 23 (30,000 cars per day) April 2007</td>
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Pike County
Pike County
Pike County

Can Your Baby Hear?
1 in 300 Babies Has A Hearing Loss

Pike County Health Department
(606) 437-5500

Early Hearing Detection & Intervention
(877) 757-4327

Early Hearing Detection & Intervention
(877) 757-4327
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<td>Lack of access to diagnostic audiology equipment; closest Level II diagnostic center 1.5 hours or more away</td>
<td>Partner with local entity to obtain technology needed in area</td>
<td>VRA and ABR Equipment purchased March 2006/ High Frequency Tympanometry/ ABR Bone Conduction</td>
</tr>
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## Obstacle/ barriers To EHDI follow-up

Continuous monitoring of hearing for ages birth to 3 years who are at risk for late onset of hearing loss who may not otherwise be receiving hearing services.

## Proposed solutions

Work with Pike County Health Department to provide periodic OAE screening for the birth to 3 year population. Training for staff and setting of protocols. Work with NCHAM ECHO project for training and protocols.

## Outcome

DPOAE screening at the Health Department
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<td>Undefined referral pathway; closest Level II diagnostic center 1.5 hours or more away</td>
<td>Assist and encourage families who have an infant who referred on newborn hearing screening to seek audiological follow-up</td>
<td>Began in summer 2005 and continuing</td>
</tr>
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Pike County

Birth Hospitals-
Yellow

Level 1
Centers-
Blue

Level 2
Centers-
Red
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<td>No formal family support in area or adjacent area</td>
<td>Work with teachers of the deaf and hard of hearing in the area and provide a one day learning vacation for families with children who are deaf and hard of hearing. follow-up</td>
<td>Family Day/Fall Gathering (September 2007)</td>
</tr>
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Pike County

Special Education Cooperatives
Pike County

Family Day
Pike County

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<td>Lack of a cohesive family support network.</td>
<td>Improve collaboration between professionals and parental support groups for EHDI</td>
<td>Began 7/06 – continuing</td>
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<td>Lack of targeted education for area physicians</td>
<td>Provide CME opportunities with AAP Chapter Champion regarding EHDI</td>
<td>Began July 05, Dr. Dan Stewart presented to physicians at Jennie Stuart Medical Center, Hardin Memorial Hospital, Williamson ARH, and Pikeville Medical Center</td>
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<tr>
<td>Lack of knowledge regarding EHDI</td>
<td>Statewide teambuilding meeting with presentations by EHDI stakeholders and national programs</td>
<td>April 2006 Representatives From all communities were required to attend</td>
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<tr>
<td>Early Intervention education/training issues</td>
<td>SKI-HI parent advisor training for early interventionists working with infants and families.</td>
<td>3 day training occurred in June, 2007</td>
</tr>
<tr>
<td>Working with Deaf and Hard of Hearing Children</td>
<td>3 day training in July 2007</td>
<td></td>
</tr>
<tr>
<td></td>
<td>25 people trained</td>
<td></td>
</tr>
</tbody>
</table>
ACCOMPLISHMENTS

- Improved Communication: Among hospitals, families, physicians, diagnostic audiologists and state EHDI reporting system

- Improved access: Increased the availability of diagnostic audiology services for 0-6 month. Increased re-screening in communities.

- Increase EHDI Awareness: Outreach activities, to families, CEUs for allied health, CMEs for physicians
Lessons learned

- The value of having a lead person who is a “go getter” and well organized in each local community to work and partner with agencies.
- The value of having an individual’s knowledgeable of community barriers and the resources that are available to overcome those barriers.
- The value of having individuals experienced in working with community based programs.
## SOME FUTURE PLANS

<table>
<thead>
<tr>
<th><strong>Christian County</strong></th>
<th><strong>LTDHD</strong></th>
<th><strong>Pike County</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Placement of diagnostic follow-up equipment in ENT’s office in Muhlenberg County</td>
<td>Collaborate with audiologists in bordering counties to LTDHD for provision of services</td>
<td>Additional public outreach with billboard advertisement and educational materials for EHDII</td>
</tr>
</tbody>
</table>
STATEWIDE CONTINUOUS PARTNERSHIPS

- Hospital Compliance Guides/Visits
- Audiology Outreach
- Physician Outreach
- CEU Presentations
- Advisory Board Statewide
- Community Based Advisory Boards
ACKNOWLEDGMENTS

- Pike County Health Department
- Pennyrile Allied Community Services-Christian County
- Lincoln Trail District Health Department
- Michelle King, CCC-A, AUD-EHDI Administrator State of Kentucky
- MCHB HRSA Grant 93.251 H61MC00033-05-00
COMMENTS/QUESTIONS