Indiana Deaf and Hard of Hearing children
What we do know

• EHDI data regarding Outcomes of 1-3-6
• Number of children diagnosed
• Number of children receiving services through SRNDHH, from August 4, 2011 through May 4, 2012: 114 referred through appropriate protocol, 16 declined or could not be reached, 2 were found to be hearing (misdiagnosed), many pending further information
• Referral process “awkward”, SPOE’s understanding varies
# Services Chosen by Parents

<table>
<thead>
<tr>
<th>Speech and Parent Advisor</th>
<th>Parent Advisor</th>
<th>Speech and Speech and Parent Advisor</th>
<th>DRM And Speech</th>
<th>DRM And Parent Advisor</th>
<th>DRM and Parent Advisor and OT</th>
<th>Audio</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>20</td>
<td>14</td>
<td>6</td>
<td>3</td>
<td>6</td>
<td>2</td>
</tr>
</tbody>
</table>
NECAP

• 34 families completed NECAP evaluation and received results (10 of those have done their second round)

• 44 new families will be joining for a total of 78 participating families in next round this week.

• We discussed our desire to get the report from University of Colorado regarding state report card. (numbers may be too small until next round)
What we don’t know in Early Intervention: Deaf and Hard of hearing children

• How many referred from diagnosis to Early Intervention System

• How many in First Steps system, not with SRNDHH

• How many Service Coordinators or SPOE’s not offering SRNDHH, clusters A and B not yet trained for referral protocol.

• Language and developmental Outcomes for those not participating in NECAP
Part B School aged services

- 2116 children ages 3 through 21 identified as eligible for special education: deaf or hard of hearing, data disaggregated by DOE report for the past 5 years, ISD current data reports 338
- 7 school districts report over 50 students, largest # 86
- 21 districts have between 20 and 50
- 36 districts have between 10 and 20
- 30 have only one student
- 19 report no d/hh students
- Total number of d/hh children in Indiana who passed ISTEP both Math and ELA in 2011: 49%
- Total number of ISD students who passed ISTEP both math and ELA in 2011: 50%
Indiana Landscape

- 279 school districts
- 7 school districts report over 50 students, largest # 86
- 21 districts have between 20 and 50
- 36 districts have between 10 and 20
- 30 have only one student
- 19 report no d/hh students
- Over 50 % report speech and language as secondary disability
- Additional disabilities under reported, national reports estimate 40% of children have additional disabilities
Additional information

• Survey Monkey results obtained for 676 children, reported by their TOR (32% response rate), completed in the fall of 2011

• Survey questions differed by grades: preschool, Kg through 3rd grade, 4th through 8th, and high school

• Questions need to be further refined, will lead to further studies, subjective
Survey results

• Being analyzed by ISU
• Included public/private/and ISD students
• Largest comprehensive survey results obtained in Indiana specific to deaf and hard of hearing children
• Included open ended question of teacher in-services needs. Common theme: teachers need information about serving students with additional disabilities, technology, evidence based practices, how to adequately serve with huge caseloads,
# Results

<table>
<thead>
<tr>
<th>Age</th>
<th>Preschool</th>
<th>K through 3rd</th>
<th>4th through 8th</th>
<th>High School</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total responses</td>
<td>74</td>
<td>159</td>
<td>213</td>
<td>172</td>
</tr>
<tr>
<td>Secondary DA other than d/hh</td>
<td>32%</td>
<td>26%</td>
<td>33%</td>
<td>26%</td>
</tr>
<tr>
<td>Progress made</td>
<td>65% made one year progress in one year</td>
<td>72% made one year progress in one year</td>
<td>68% making one year progress in one year</td>
<td>43% have college prep goals</td>
</tr>
<tr>
<td></td>
<td>63% received First Steps/6% had no EI</td>
<td>44% reading at or above grade level</td>
<td>40% at grade level in LA, 4% above, 55% below</td>
<td>84% taking ECA, assumed on diploma track</td>
</tr>
<tr>
<td></td>
<td>40% of 3rd graders reading at or above</td>
<td>33% of those: more than 3 yrs below</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>26% use sign language</td>
<td>40% use sign language</td>
<td>35% use sign language</td>
<td>40% use sign language</td>
</tr>
</tbody>
</table>
What we don’t know yet

• Outcomes from students in public schools
• Service delivery models, however most children in public schools served by itinerant teacher, most teachers report frustration and feel model is insufficient to meet needs
• Language use
• Efficacy of _____________________
• Etc.