

***Maryland Early Hearing Detection and Intervention
(MD EHDI)
Program Update***

**Hearing and Speech Agency, Baltimore, MD
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**Office for Genetics and Special Health Care Needs
Maryland Department of Health and Mental Hygiene
Prevention and Health Promotion Administration**



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MISSION AND VISION

MISSION

- The mission of the **Prevention and Health Promotion Administration** is to protect, promote and improve the health and well-being of all Marylanders and their families through provision of public health leadership and through community-based public health efforts in partnership with local health departments, providers, community based organizations, and public and private sector agencies, giving special attention to at-risk and vulnerable populations.

VISION

- The **Prevention and Health Promotion Administration** envisions a future in which all Marylanders and their families enjoy optimal health and well-being.



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Mission of OGPSHCN

The mission of the Office for Genetics and People with Special Health Care Needs (OGPSHCN) is to assure a comprehensive, coordinated system of care that meets the needs of Maryland's children and youth with special health care needs and their families and is community-based, family-centered and culturally competent.



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Vision of OGPSHCN

The vision of the Office for Genetics and People with Special Health Care Needs is to become a nationally recognized leader in developing the unique potential of each Maryland child and young person served through its comprehensive, fully integrated and consumer-friendly system of care.



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Mission of the MD EHDI Program

To promote the best communication outcomes for infants with a permanent hearing status that affects speech-language skills by creating and maintaining systems of care that identify these infants and ensure their referral to appropriate intervention services at the earliest possible age.



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Zika Virus Awareness

Zika virus is a virus spread to people through mosquito bites of Aedes species mosquitoes; sexual transmission of Zika virus is also known to occur. Zika virus is not currently being spread by mosquitoes in the continental United States.



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Zika Virus Infection

The most common symptoms of Zika virus disease are fever, rash, joint pain, and conjunctivitis (red eyes). The illness is usually mild with symptoms lasting from several days to a week. Severe disease requiring hospitalization is uncommon.



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Zika Virus and Pregnancy

- **Increased rates of microcephaly have been noted in Brazil in late 2015, 10-20x normal reported incidence.**
- **The weight of evidence now strongly implicates Zika virus as a cause of microcephaly.**
- **The CDC is currently recommending pregnant women to consider deferring travel to areas with ongoing transmission. Some of these areas include portions of Central America, South America, and the Pacific Islands.**
- **Pregnant women who have traveled to affected areas warrant Zika testing.**



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Reporting Zika information to MD EHDI

- Update baby's file in the OZ Systems Database with:
 - Hearing screen/diagnostic results
 - Pediatrician/Medical Home for the baby
 - Any existing risk factors for hearing loss, *including any cranio-facial anomalies (microcephaly would be indicated as a cranio-facial anomaly)*
 - Document in case notes section if there is a positive test result for Zika virus or exposure in utero



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For More Information about the Zika Virus

<http://phpa.dhmh.maryland.gov/pages/zika.aspx>

<http://www.cdc.gov/zika/>



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1-3-6 Principle

Goals of EHDI (endorsed by the JCIH, AAA, ASHA and the AAP)

- Hearing Screening by **1** month of age
- Hearing status determination by **3** months of age
- of age
- Intervention by **6** months of age



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Program Updates

Funding Sources:

- State of Maryland
- Health Resources and Services Administration (HRSA)
- Centers for Disease Control and Prevention (CDC)



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Quality Improvement Methodologies and Grant Initiatives



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Update to COMAR 10.11.02

MD EHDI Regulations were revised, effective June 22, 2015

The updated Regulations:

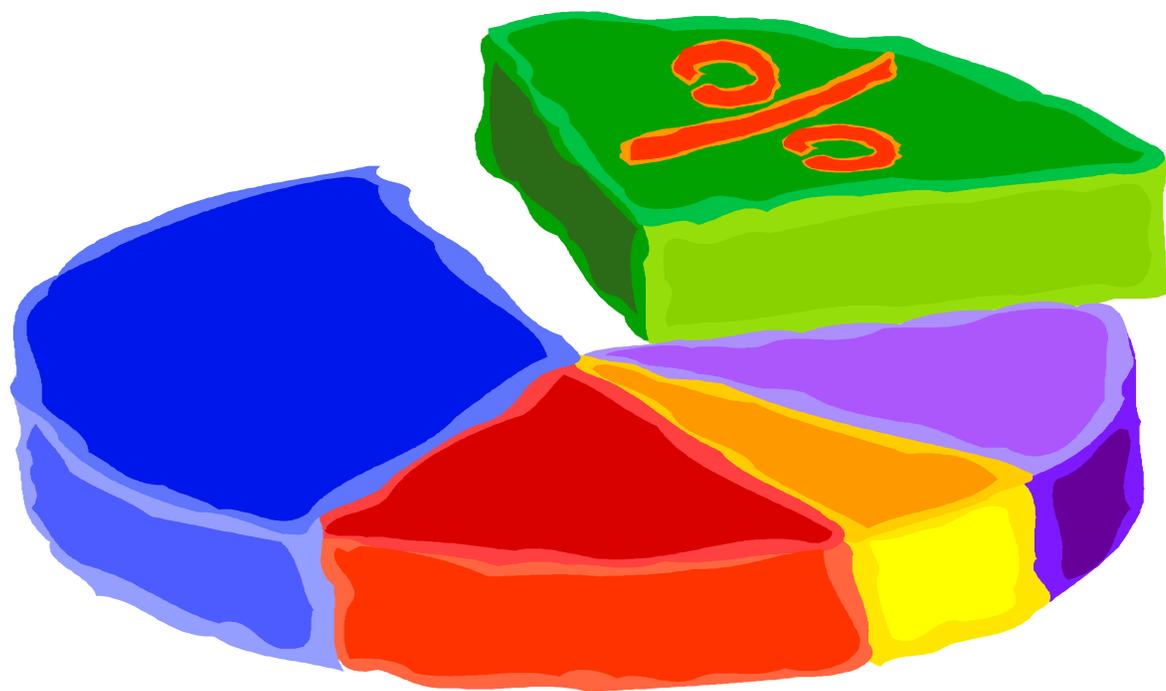
- 1. Align language with updated Statute, using “hearing status”**
- 2. Remove references to the High Risk Questionnaire; list risk factors for later onset hearing loss per the Joint Committee on Infant Hearing (JCIH)**
- 3. Require audiologists and licensed professionals conducting audiological screens or evaluations to report hearing screening and diagnostic evaluation results to the Maryland EHDI Program/DHMH**
- 4. Establish reporting procedures for alternative birthing sites**



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STATISTICS



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Calendar Year 2014

70,945 births per MD EHDI data system

70,788 eligible for screening

70,317 newborns screened

69,454 passed the newborn hearing screen

863 did not pass the newborn hearing screen

157 missed the newborn hearing screen



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Calendar Year 2014

Permanent Hearing Status – **93 + 8** cases reported to MD EHDI

Referrals to Part C Early Intervention - **101**

Enrolled in Part C Early Intervention – **77**

24 No EI services (reasons vary: not eligible, family declined, family contacted but unresponsive, unknown reasons)



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Hearing Loss by County (2014)

■ Allegany	1
■ Anne Arundel	9
■ Baltimore City	15
■ Baltimore County	19
■ Carroll	1
■ Cecil	1
■ Charles	4
■ Frederick	10
■ Garrett	1
■ Howard	3
■ Montgomery	16
■ Prince George's	12
■ St Mary's	2
■ Talbot	1
■ Washington	5
■ Wicomico	1
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Loss to follow up/Documentation

Current loss to follow up/Documentation Rate

20.3%



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Final Thoughts

- Screen and Diagnose EARLY to determine hearing status.
- Report outpatient screening, diagnostic results and Part C enrollment status to MD EHDI.
- Undetected hearing concerns are a developmental EMERGENCY.
- *WE are EHDI. Let's strengthen our bond to one another as we serve Maryland's children.*



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**Thanks for all you do
for Maryland's children and families!**

***This presentation will be made
available on the MD EHDI website.***

http://phpa.dhmh.maryland.gov/genetics/Pages/Infant_Hearing_Program.aspx



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<http://phpa.dhmh.maryland.gov>



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