

1-3-6 Enhancement through Services at Schools for the Deaf



March 20, 2018
National EHDI Conference
Denver, CO

Agenda

- Deaf Education Program Survey
- MSD Diagnostic Centers
- Statistics
- Family Feedback
- Future Planning



1-3-6 Model: National EHDI Goal

Screen by 1 Month of age

Confirm hearing status by 3 Months of age

Enrollment in Early Intervention by 6 Months of age if identified with a permanent hearing status that could affect language acquisition

Audiology: Screening vs. Diagnostic

Level 1: Initial Hearing Screening

Level 2: Outpatient Screening

Level 3: Diagnostic Testing

At MSD, we do all 3!

Survey: Deaf Education Programs

- 99 Schools surveyed
 - 76 replied to survey (Response Rate 77%)
 - 56 employ an Audiologist
 - 16 do not have an Audiologist on staff
 - 4 audiology positions vacant
 - 23 programs did not participate

Survey: Deaf Education Programs

- Number of schools that provide diagnostic ABR services
 - 6 Schools for the Deaf
 - 3 Private Programs
- How many per month seen
 - Ranges from 1-25 babies seen
- How many identified D/HOH
 - 5-10% at most schools
 - @30% at MSD

MSD Diagnostic Audiology Centers

- Grant funding 2014
- Training
- Marketing
- Launched in 2015
- Purpose/Goals



FY2014 Systems Development Grant: HRSA - Health Resources & Services Administration

Memorandum of Understanding was established between the Maryland Department of Health and the Maryland School for the Deaf (MSD)

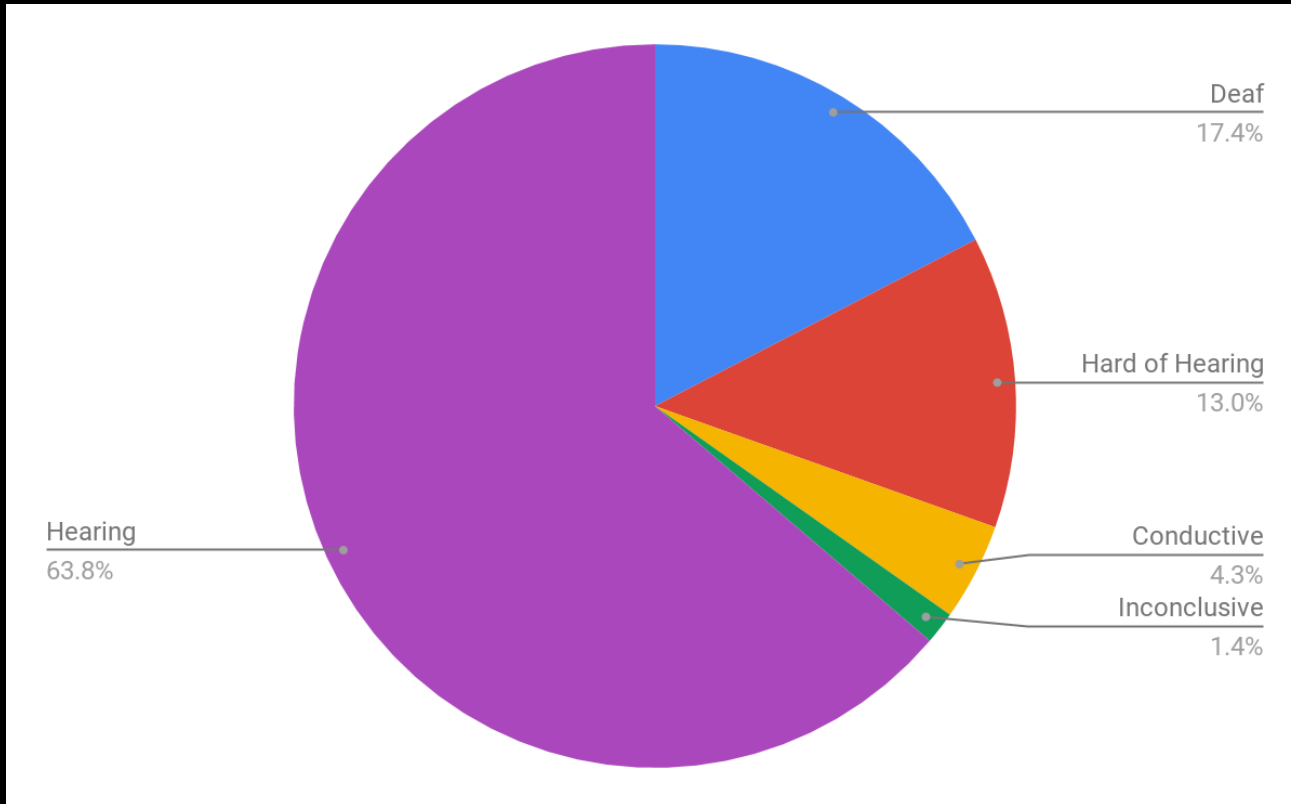
Goal 1: To alleviate geographic and affordability barriers to early and continuous diagnostic audiology testing by providing this testing at two community-based centers to Maryland infants

Goal 2: Increase capacity of Maryland School for the Deaf to support development of student language and communication abilities by providing loaner hearing aids

MSD Diagnostic Services Statistics

- Total # babies seen = 138
- Total # of appointments = 161
- Identification = 42 babies D/HOH (31%)
- 60 babies had reported risk factors
 - 37 had D/HOH family members
 - 23 had other risk factors (CHARGE, Downs Syndrome, Prematurity, etc)
- MSD enrollment = 28

Results of 138 children seen at MSD



Reported Statistics

- MD EHDI: @80-100 babies identified D/HOH each year
- Maryland School for the Deaf statistics:
 - 2015 = 14 babies identified
 - Average age at testing = 11.24 weeks
 - 2016 = 15 babies identified
 - Average age at testing = 10.49 weeks
 - 2017 = 14 babies identified
 - Average age at testing = **8.72 weeks!!**

Follow-up after Identification

Informational Counseling

Deaf parents, baby hearing

Deaf parents, baby D/HOH

Hearing parents, baby hearing

Hearing parents, baby D/HOH

Services and Supports on-site

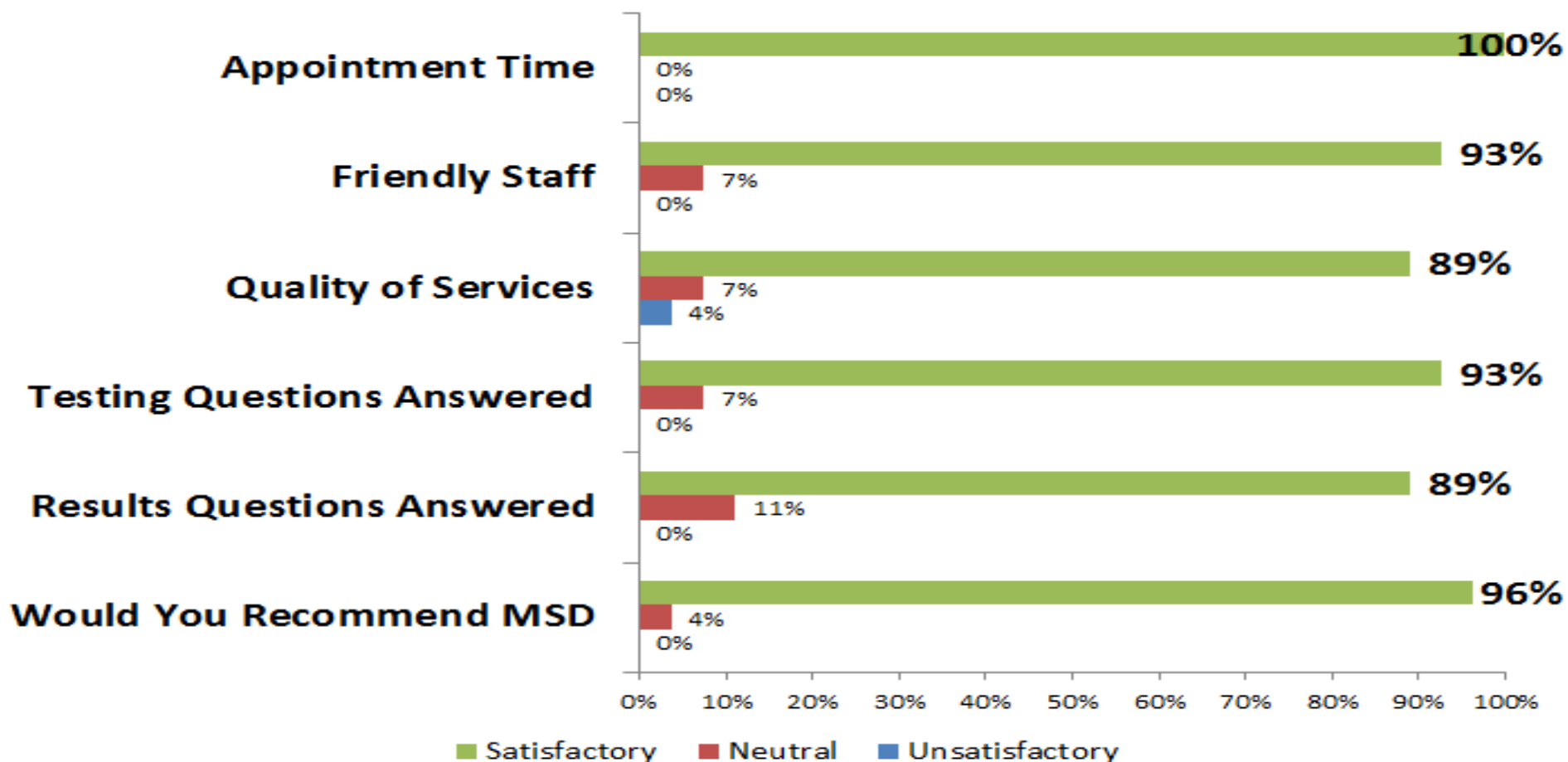
Hearing aid services

Behavioral audiology testing

Parent support group

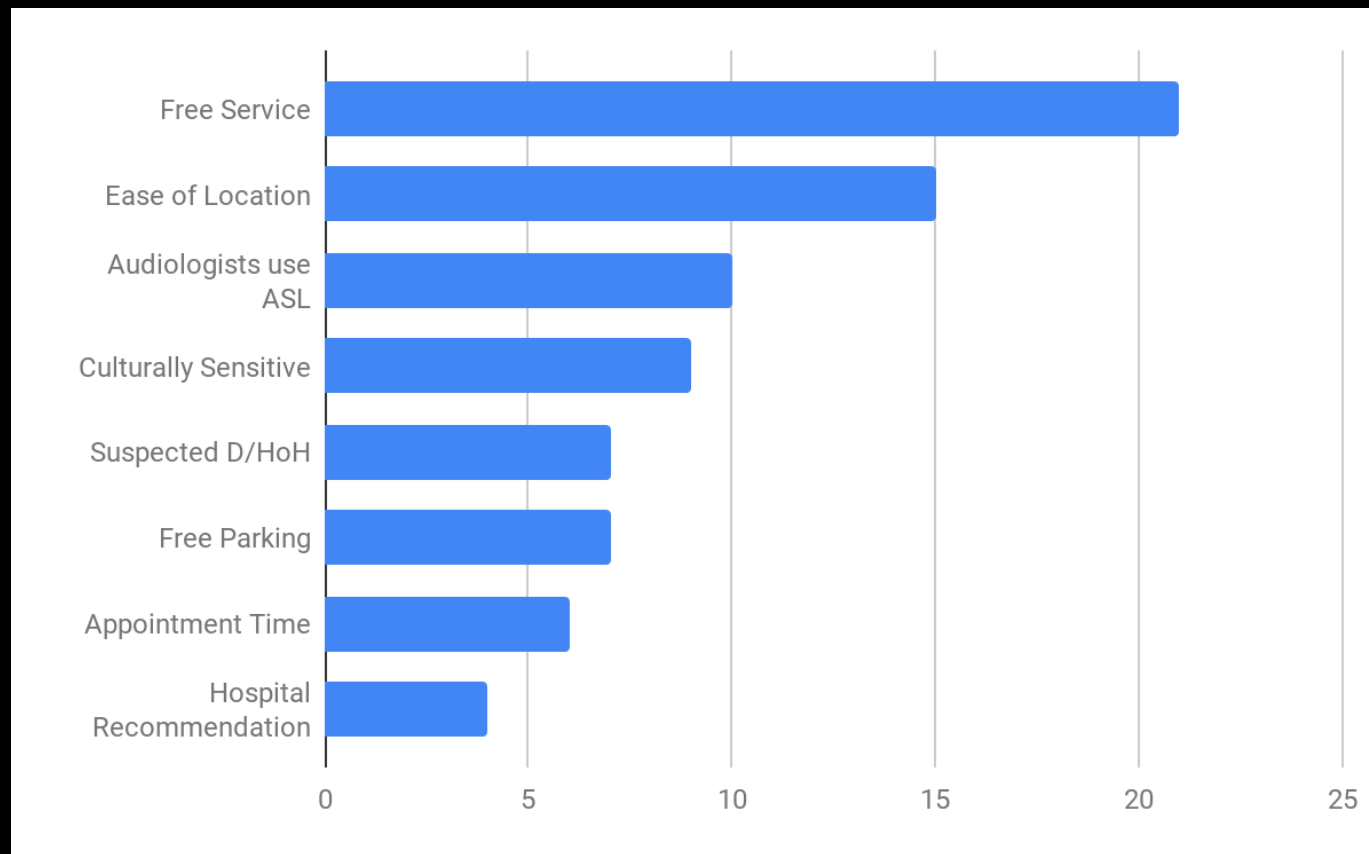
Multidisciplinary team

SURVEY FEEDBACK (27 Families)



<https://youtu.be/cspc1MXc7vc>

Why did you choose MSD?



Future Planning

Continuing:

- Outreach
- Safe place for newly identified families
- Culturally sensitive
- Proficient in ASL
- 1-3-6/Level 1-3
- Free & convenient location

Challenges:

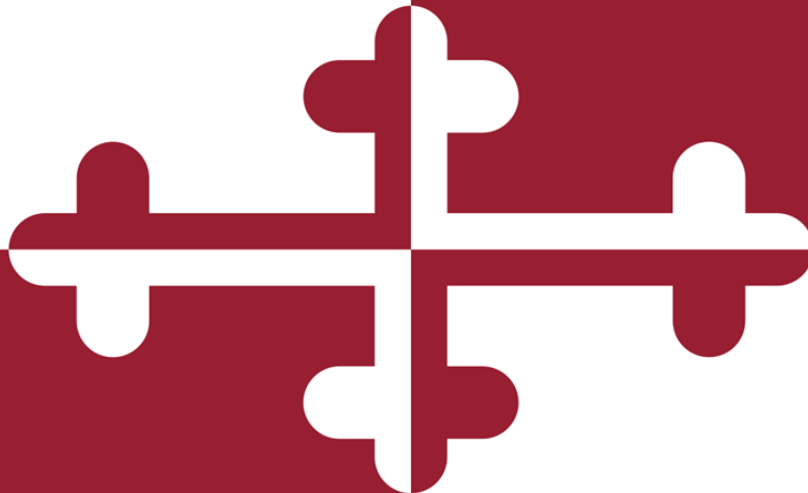
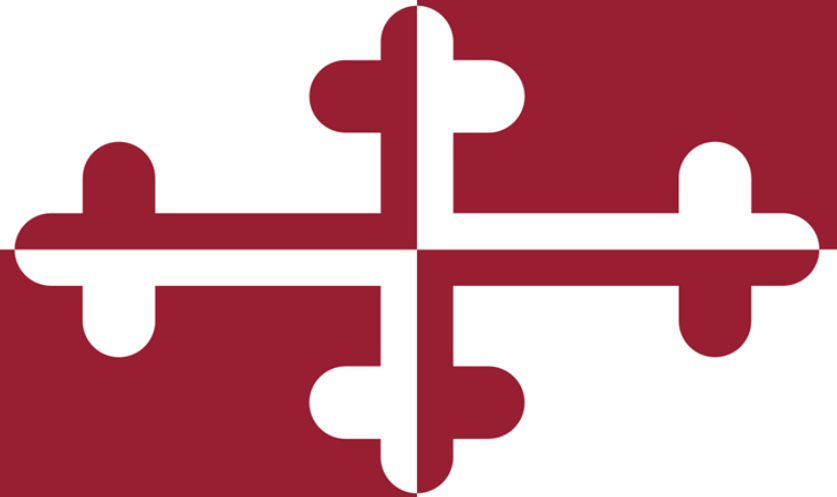
- Foreign Language Interpreters
- Equipment maintenance
- Consumables
- Impact of time on campus services
- Skill set & Training

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