EHDI Hearing Screening Results
2009 & 2010

"Healthy Palau in Healthful Environment"
Positive Effects of EHDI

- Strengthen collaborations
- Improve system of care
- Improve data collection and system development
Screening Results

**2009**
- 267 → 97.8% of 273 births
- 118 → 44.2% of 267 - inpatients
- 149 → 55.8% of 267 - outpatients
- 3 weeks → average age

**2010**
- 245 → 97.6% of 251 births
- 115 → 46.9% of 245 - inpatients
- 130 → 53.1% of 245 - outpatients
- 2.8 weeks → average age
2009 Hearing Screening Results

PASSED
254 (95.1%)
→198 Pass before 1 month
→36 Pass after 1 month but before 3 months
→20 Pass after 3 months of age

NOT PASSED
13 (4.9%)
→ 1 Not pass before 1 month
→ 5 Referred to ENT
→ 7 Further testing

Not Screened: 6 = 4 refused/died; 2 relocated
2010 Hearing Screening Results

PASSED
229 (93.5%)
→ 185 Pass before 1 month
→ 31 Pass after 1 month but before 3 months
→ 13 Pass after 3 months of age

NOT PASSED
16 (6.5%)
→ 4 Not passed before 1 month
→ 4 Not passed after 1 mo. but before 3 mos.
→ 8 Not passed after 3 months

Not Screened: 6 = 1 refused; 3 died; 2 relocated
Issues / Problems

- Lacking audiology support
- Difficulty in bringing audiology for onsite consultation
- Recent changes in Special Education funding prohibiting use of funds for early intervention.
  - Speech and Language Development, etc.
- Data Systems Development progressing slow due to turn-over in technical personnel/planning had to be revamped.
Plans

- Continue with ongoing systems development that link: Birth → Well Baby → High Risk (Early Intervention) → Birth Defects and Overall Surveillance.
- Continue to retain technical experts to improve data systems and capacity building of the system.
- Continue regional discussions for possibilities for tele-audiology
- Improvement inpatient coverage so that average age on hearing screening will be low
Thank you