



Family Health Unit



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

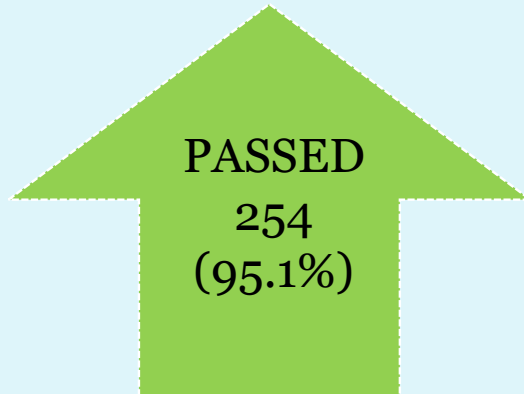
- 118 → 44.2% of 267 - inpatients
- 149 → 55.8% of 267 - outpatients
- 3 weeks → average age

2010

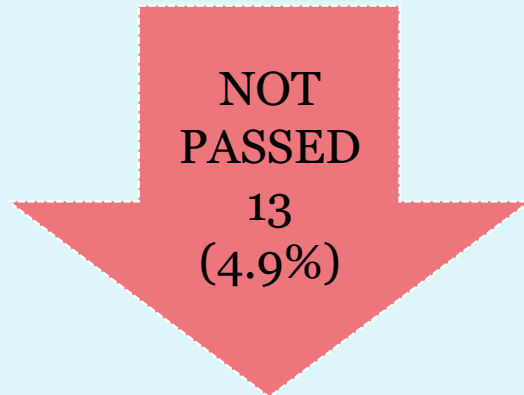
245 → 97.6% of
251 births

- 115 → 46.9% of 245 - inpatients
- 130 → 53.1% of 245 - outpatients
- 2.8 weeks → average age

2009 Hearing Screening Results



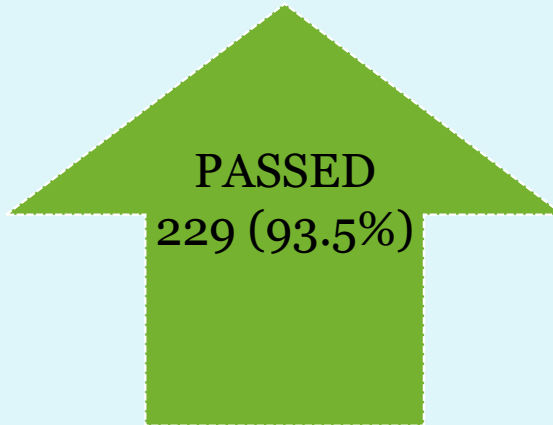
- 198 Pass before 1 month
- 36 Pass after 1 month but before 3 months
- 20 Pass after 3 months of age



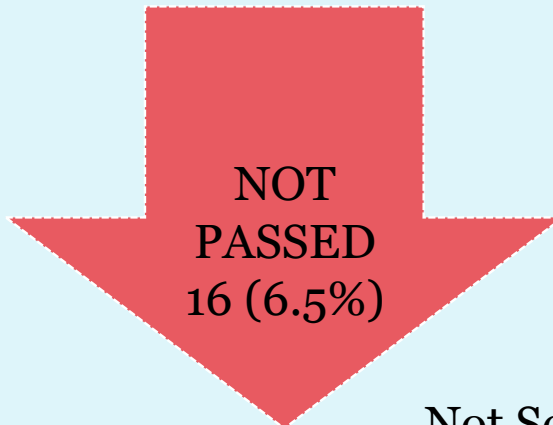
- 1 Not pass before 1 month
- 5 Referred to ENT
- 7 Further testing

Not Screened: 6 = 4 refused/died; 2 relocated

2010 Hearing Screening Results



- 185 Pass before 1 month
- 31 Pass after 1 month but before 3 months
- 13 Pass after 3 months of age



- 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