

# The EHDI Program in the Federated States of Micronesia-FSM

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# Positive Effects of EHDI in the FSM

- **Funding** from HRSA and CDC has supported the establishment of early hearing detection and intervention in the FSM. Without funding, this initiative would not have been possible and now hearing screening is part of a newborn's standard of care and is being fully established in the FSM.



# Positive Effects of EHDI in the FSM

- Establishing early hearing detection and intervention in the FSM has resulted in the **early identification of 9 infants with hearing loss** in Pohnpei State. Through NCHAMS support in August, 2010 Yusnita and Jean visited Pohnpei brought DAE equipment and completed the DAEs on these babies. FSM is now working on getting DAE services to the other FSM States.



# Positive Effects of EHDI in the FSM

- The EHDI project has brought a **closer collaborative partnership between health and special education in serving children with special health care needs**, particularly for young children under 5 years.



# Positive Effects of EHDI in the FSM

- Conducting a major **EHDI Symposium in August, 2010** brought health and education together to plan the next steps in moving forward in FSM-EHDI. The opportunity to focus 3 days on steps to improvement and to work with doctors, nurses, teachers, administrators, data coordinators, and parents resulted in a very successful event.



# Positive Effects of EHDI in the FSM

- Young families in the FSM are learning the importance of prevention rather than intervention when thinking about health care for their children. The EHDI program has improved the quality of life in the FSM when families are strengthened.



# FSM-EHDI Data-Birth Rate

<b>FSM State</b>	<b>2007 Births</b>	<b>2008 Births</b>	<b>2009 Births</b>	<b>Average Births</b>	<b>Percentage of FSM Births</b>
Chuuk State	1,012	800	858	890	41.2%
Kosrae State	157	162	175	165	8%
Pohnpei State	805	944	891	880	40.8%
Yap State	241	207	233	227	10%
<b>FSM TOTAL</b>	<b>2,215</b>	<b>2,113</b>	<b>2,157</b>	<b>2,162</b>	<b>100%</b>

# FSM-EHDI Data-Hearing Screening Report

FSM State	Number Born	Number Screened	Screening Rate	LFU for INITIAL SCREENING	LFU Rate for Initial Screening
<b>Pohnpei</b> January to October, 2010 10 months	598	577	96%	21	4%
<b>Chuuk</b> January to November, 2010 11 months	617	491	80%	126	20%
<b>Kosrae</b> January to November, 2010 11 months	156	144	92%	12	8%
<b>Yap</b> January to November, 2010 11 months	215	126	59%	89	41%
<b>FSM Total</b>	<b>1586</b>	<b>1338</b>	<b>84%</b>	<b>248</b>	<b>16%</b>



# FSM-EHDI Data-Rescreening Return Rate and Lost to Follow Up

FSM State	# Referred for 2 <sup>nd</sup> screening	# Completing 2 <sup>nd</sup> Screening	Return Rate for 2 <sup>nd</sup> Screen	Lost to Follow Up	Lost to Follow Up Rate
<b>Pohnpei</b> January to October, 2010 10 months	202	99* *pending	49%	53	26%
<b>Chuuk</b> January to November, 2010 11 months	239	103	76%	213	24%
<b>Kosrae</b> January to November, 2010 11 months	38	13	34%	25	66%
<b>Yap</b> January to November, 2010 11 months	102	51	50%	39	38%
<b>FSM Total</b>	<b>581</b>	<b>266</b>	<b>53%</b>	<b>330</b>	<b>39%</b>

# FSM EHDI Data-DAE in 2010

<b>FSM State</b>	<b>Number in Need of DAE</b>	<b>Number Receiving DAE</b>	<b>Number in Need of Early Intervention</b>
Pohnpei State	16	9	8
Chuuk State	13	0	13
Kosrae State	6	0	6
Yap State	8	0	8
<b>FSM TOTAL</b>	<b>43</b>	<b>9</b>	<b>35</b>

# What FSM-EHDI will accomplish this year

- Achieve benchmark of 95% initial hearing screening for all 4 FSM States
- Continue upgrade and follow up training for screeners to improve hearing screening referrals rates
- Continue to monitor lost to follow up rates at all levels and keep these levels to 10% or less
- Purchase DAE equipment and begin process for designing and implementing a teleaudiology options for follow up DAEs
- Provide early intervention workshops for those professionals serving or will be serving infants and families with hearing loss
- Continue to monitor progress at all levels and improving hearing screening rooms at all FSM States
- Continue development and fully operational tracking and surveillance system to monitor hearing screening and intervention at all States.
- Continue to improve the quality of life for all families in the FSM.

**Thank you for your kind  
attention!**

THE FSM-EHDI Delegation