



Key Performance Indicators



 — % of eligible newborns screened for hearing deficit before one month of age (corrected); Target: > 97

Early Support

 % of newborns referred to ESS and the referral has been actioned within 3 business days; Target: >90

Audiology

% of newborns referred from NHS to diagnostic audiology who have commenced assessment within 3 months of age (corrected); Target: > 80

Key Performance Indicators

- Screening
- Early Support
- Audiology

What about after this point? What should we be aiming for?

Amplification and EI – guidelines/benchmarks



ANZPOD: Quality Standards for Newborn Hearing Screening Services – Supporting families

- Family Support from first screen along any point in the pathway
- Provision of unbiased, accurate, timely and up-to-date information
- Professional is the expert in hearing loss
- All infants with confirmed PHL should receive EI as soon as possible after diagnosis but at no later than 6m

ANZPOD, 2009

Amplification and EI – guidelines and benchmarks



National Framework for Neonatal Hearing Screening 2013

- Family support services
 - available up to six years of age
 - minimum contact once every three months

Community Care and Population Health Principal Committee, Australian Health Ministers Advisory Council



Amplification and EI – guidelines and benchmarks



National Framework for Neonatal Hearing Screening 2013

- families provided with range of options regarding amplification, communication and intervention within six weeks of diagnosis (>97%)
- babies with permanent HI engaged in formal EI by 4 months of age (>97%)

Community Care and Population Health Principal Committee, Australian Health Ministers Advisory Council

Benchmarks, frameworks and guidelines



- All emphasize importance of early access
- Imply minimising delays wherever possible



Project context



- Early diagnosis and access to amplification/EI a priority
- Post diagnosis: fewer resources allocated to data monitoring/collection
- Amplification/El services provided entirely outside of program service delivery
- Reports that children "fall through the cracks"

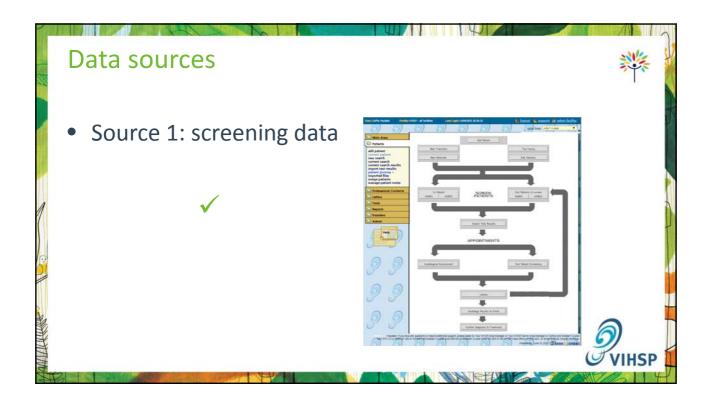
Question: What do we know about timing to amplification and EI?

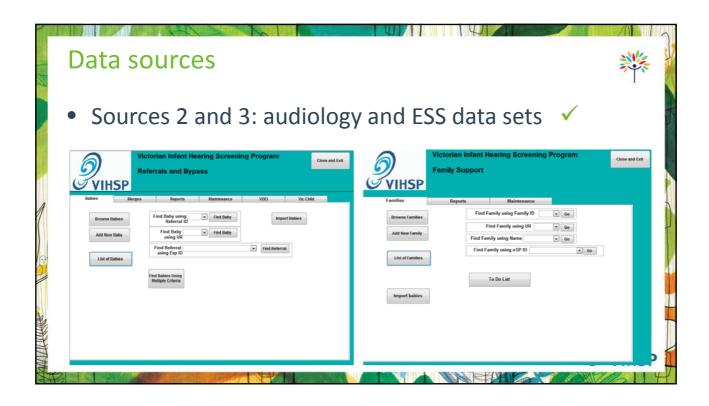
Methodology

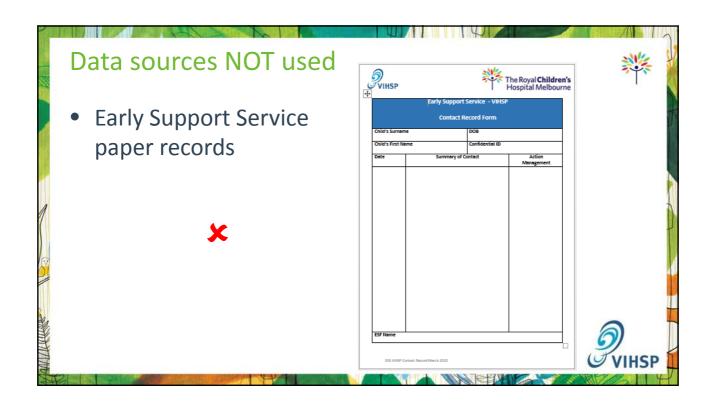


- Retrospective chart review
- DOB 2013-2014
- Target condition hearing loss
- Extraction & merging of data in 3 electronic datasets

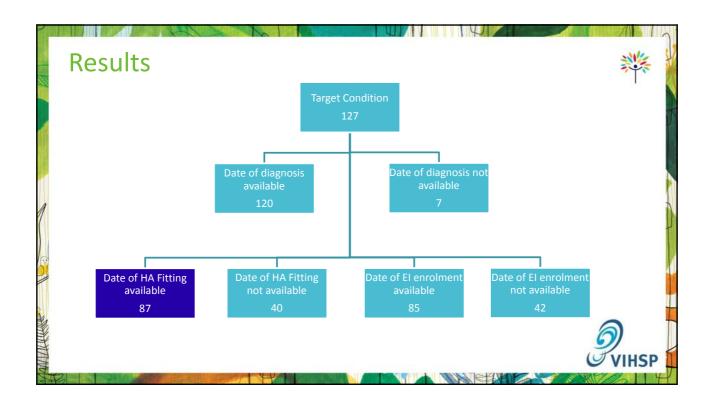


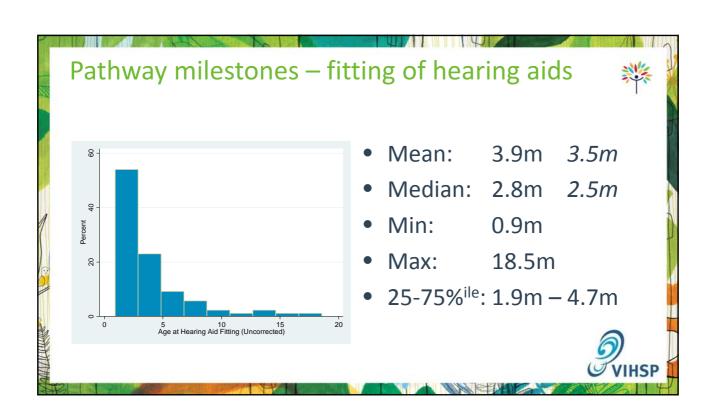




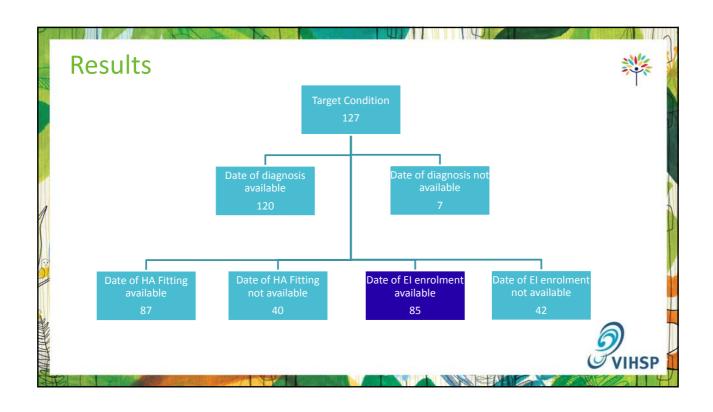


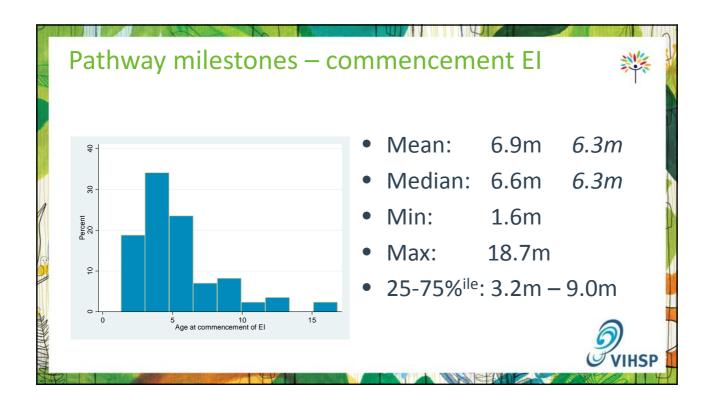


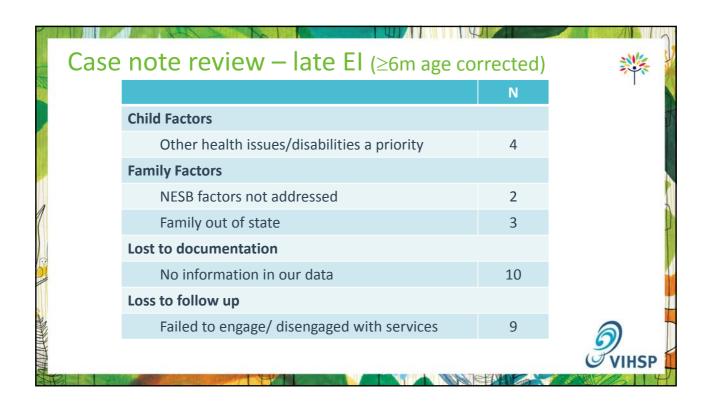




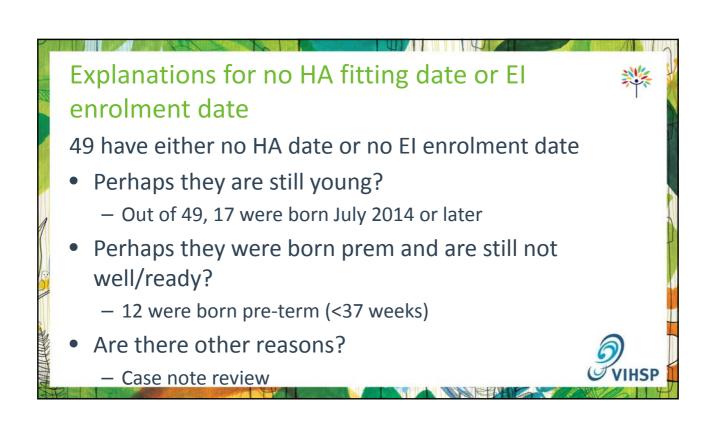
ase note review — late aid fit (≥6m	age corre	ected)
	N	
Child Factors		
Other health issues/disabilities a priority	2	
Not eligible for services (AN, NH, out of state)	4	
Family Factors		
None Documented	0	
Lost to documentation		
No information in our data	9	
Loss to follow up		_
Failed to engage/ disengaged with services	2	<u></u>
		VIHS



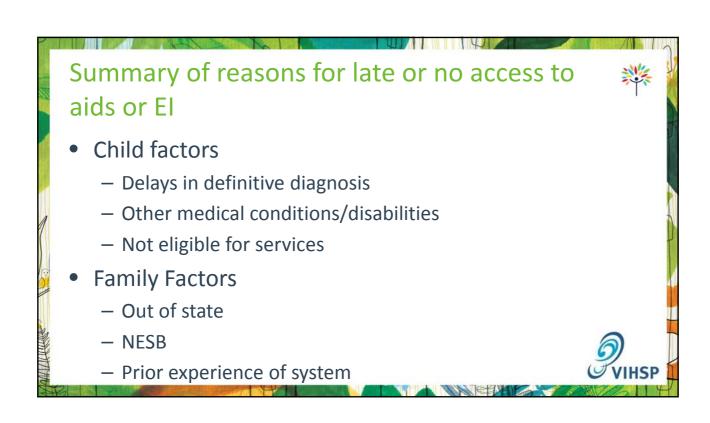


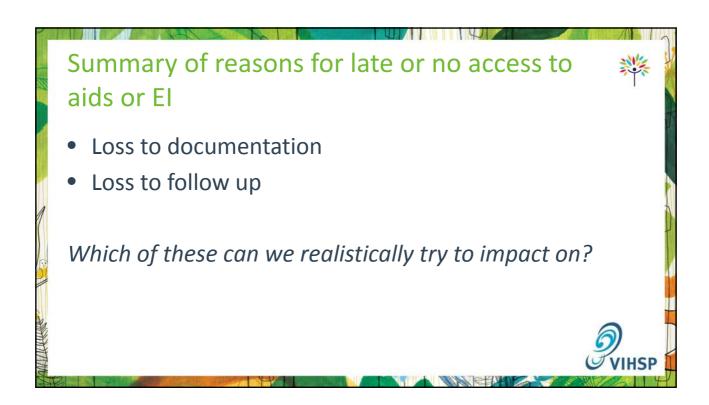


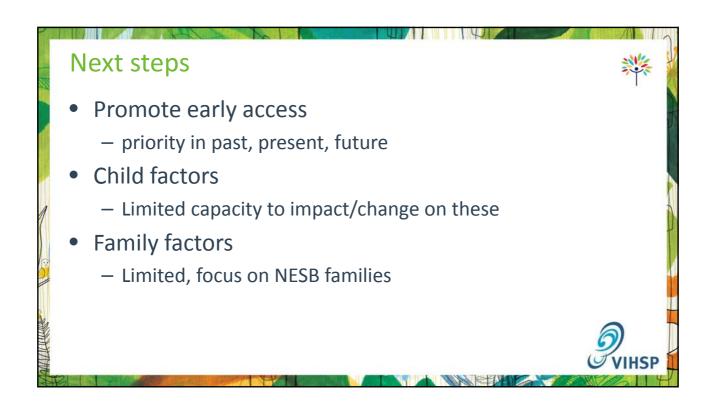




Case note review – no aids or El	N	
Child Factors		
Delays in getting a definitive diagnosis	10	
Other health issues/disabilities a priority	10	
Not eligible for services (AN, NH, out of state)	15	
Family Factors		
NESB barriers not addressed	6	
Family out of state	5	
Other/prior experience with the system/other agencies involved	7	
Lost to documentation		
No information in notes	23	
Loss to follow up		6
Failed to engage/ disengaged with services (inc. ESS)	39	VIHSP







Next steps



- Loss to documentation
 - room for improvement
 - promote data recording to service's core duties
 - use of electronic records, consolidate databases
 - increase activities to obtain key data (eg dates of events)
- Minimise loss to follow up
 - room for improvement
 - explore risk factors for LTF & ameliorate
 - networking with other services



Next steps



"Loss to documentation and loss to follow-up rates are threats to the effectiveness of EHDI systems. Reduction in these losses is a high priority..." (AAP, Pediatrics 2013, p. 1326)



Prioritise: engagement with services, linking between services, electronic recording of key milestones



