

Canadian Infant Hearing
Task Force
Groupe de travail canadien sur
l'audition des nourrissons

EHDI in Canada

State of the Nation, 2015
Bill Campbell, Presenter



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Canadian Infant Hearing Task Force

The Canadian Infant Hearing Task Force is a group of leaders and experts in matters related to early hearing detection and intervention, formed to promote, support and advocate for comprehensive universal early hearing detection and intervention programs in all Canadian provinces and territories. The group is a joint effort of the Canadian Academy of Audiology and Speech-Language and Audiology Canada.



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Canadian Infant Hearing Task Force

Dr. Steve Aiken: Chair

Jane Bowering (NL)

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Greg Noel (NS)

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Shane Moodie (ON)

Chantal Kealey (ON)

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Kimberly Hurley (Nunavut)



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Special Contributions and Survey Development by:

Dr. Steve Aiken: NS, Dalhousie

Jillian Ingratta: AB

Dr. Susan Scollie: ON (Western)

Sharen Ritterman: MB

Dr. Marlene Bagatto: ON (Western)

Audiologists, administrators across
Canada who completed the survey.

Dr. Sheila Moodie: ON (Western)

Chantal Kealey: SAC

Dr. Elizabeth Fitzpatrick: ON (U of O)



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2014 Report Card

- Informal report on status of EHDI programming in Canada
- “Into the Spotlight”



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2015 EHDI Review

- Why a review?
 - Better data
 - National overview
 - Knowledge transfer
 - Raise awareness
 - Facilitate quality program development

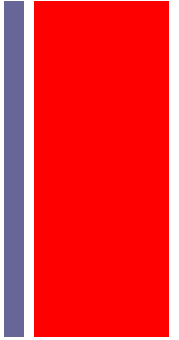


2015 EHDI Review

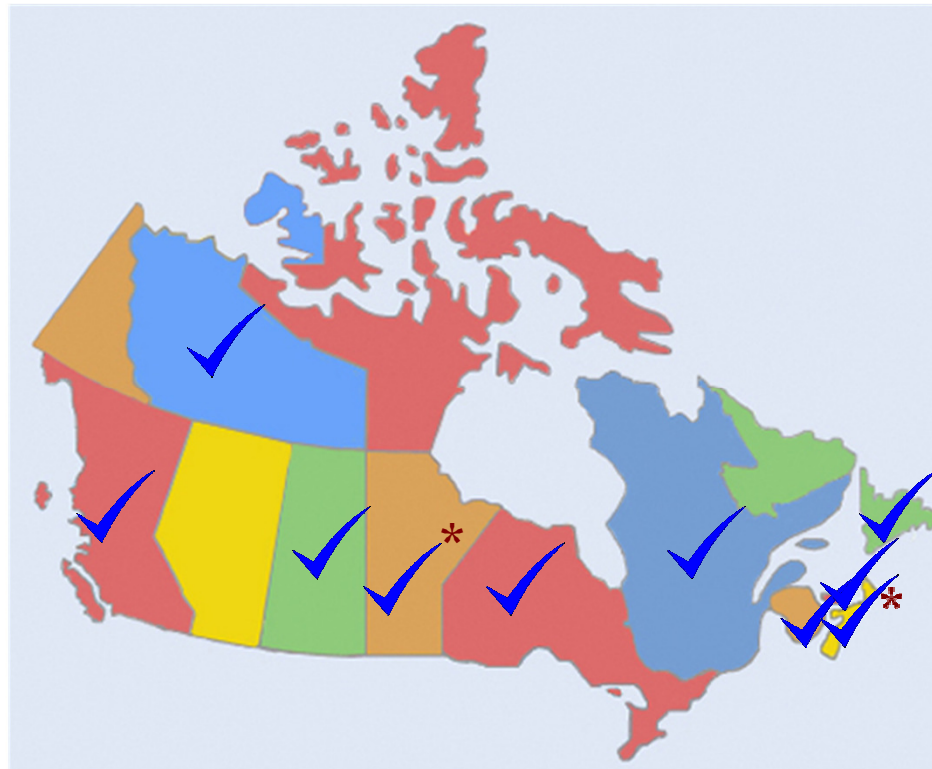
- 2 government run programs (ON, BC).
- 3 in development (AB, QC, MB)
- Why review existing programs?
 - Most provinces/territories have some form of UNHS program, but all are not equally effective, efficient, or equitable.....cornerstones of a quality program (Hyde, 2011; JCIH, 2007).
 - The potential for harm exists if a program is not doing what you think it is doing (Hyde 2010).



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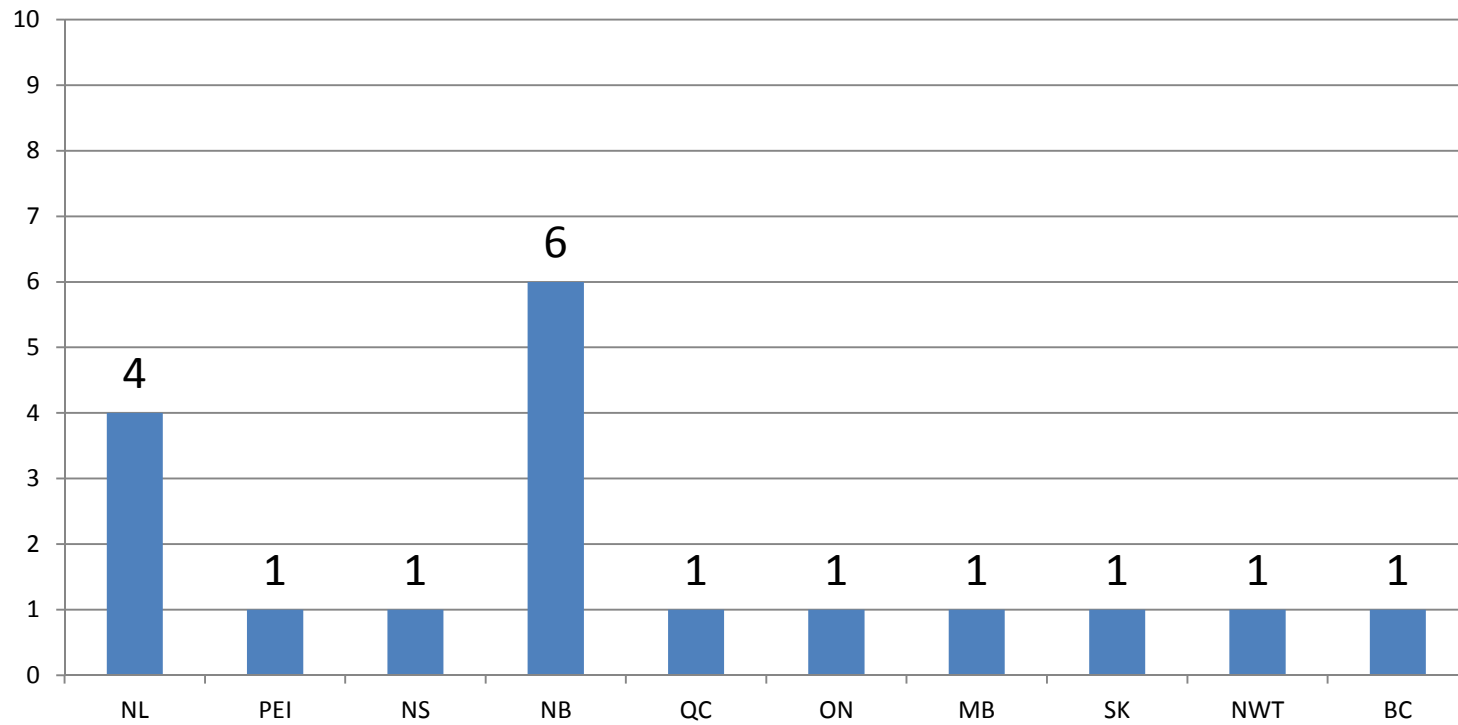


Nationwide Survey Responses





Nationwide Survey Responses





Provinces/Territories opting out of survey

- Alberta – project in early development, policy documents provided.
- Yukon – Change in staffing, response pending.
- Nunavut – Insufficient staffing resources to implement EHDI.
- Manitoba* – project in early development, policy documents provided.

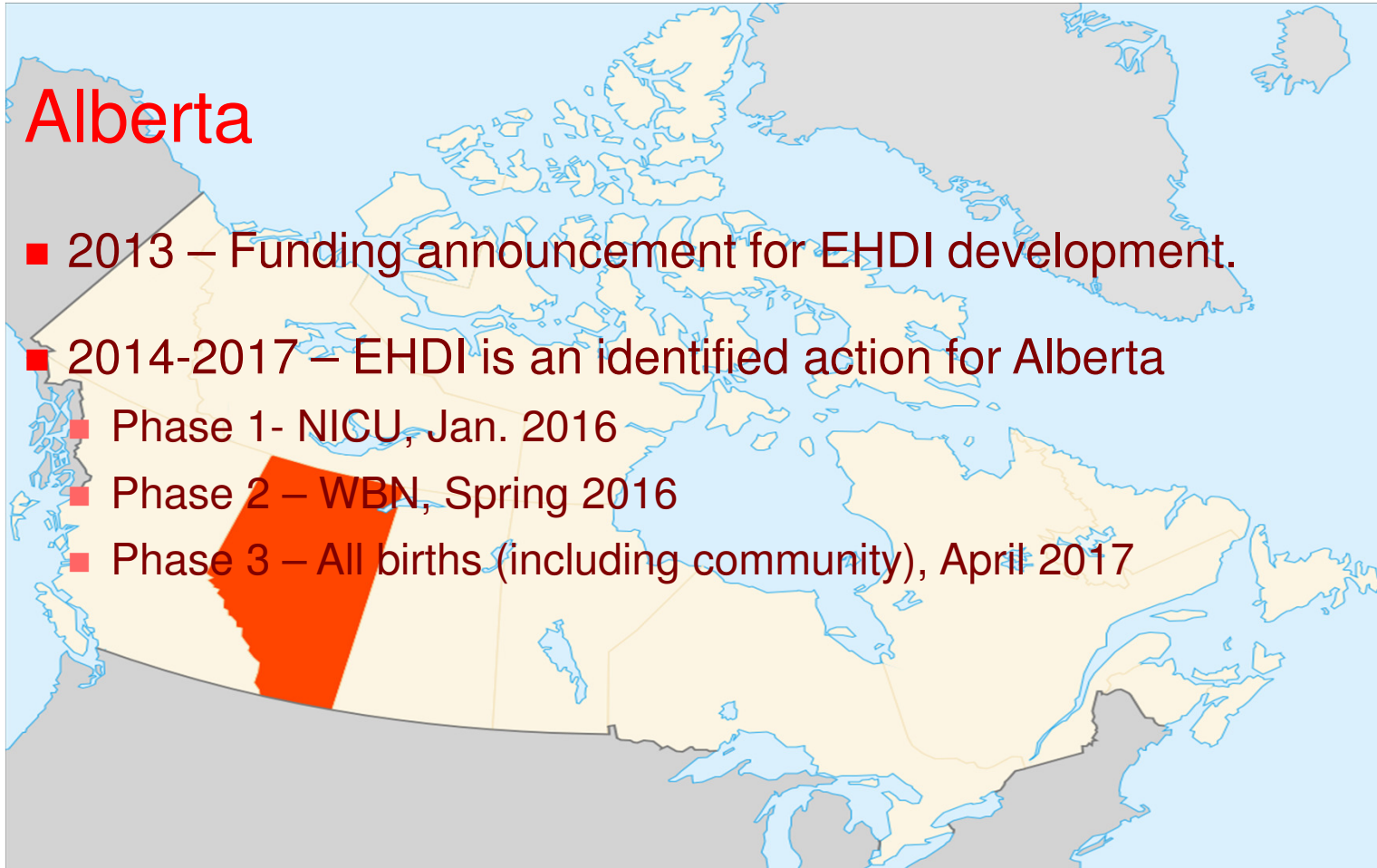


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Alberta

- 2013 – Funding announcement for EHDI development.
- 2014-2017 – EHDI is an identified action for Alberta
 - Phase 1- NICU, Jan. 2016
 - Phase 2 – WBN, Spring 2016
 - Phase 3 – All births (including community), April 2017





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Manitoba

- Universal Newborn Hearing Screening Act passed in Sept. 2013
- Mandated to implement program by Sept. 1, 2016.
- Not intended to develop a full scale EHDI program.
- All parents will be offered the option of a newborn hearing screen. Confirmation of abnormal screening (diagnosis) is a component of the program.
- Currently working on a provincial database.



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Yukon

- Population ~34,000. 0.07/km²
- New Audiologist hired late Sept. 2015 (from BCEHP diagnostic audiology advisory group).
- Unable to participate in survey as they are in transition period.
- Intend to participate in CIHTF and forward information as it develops.



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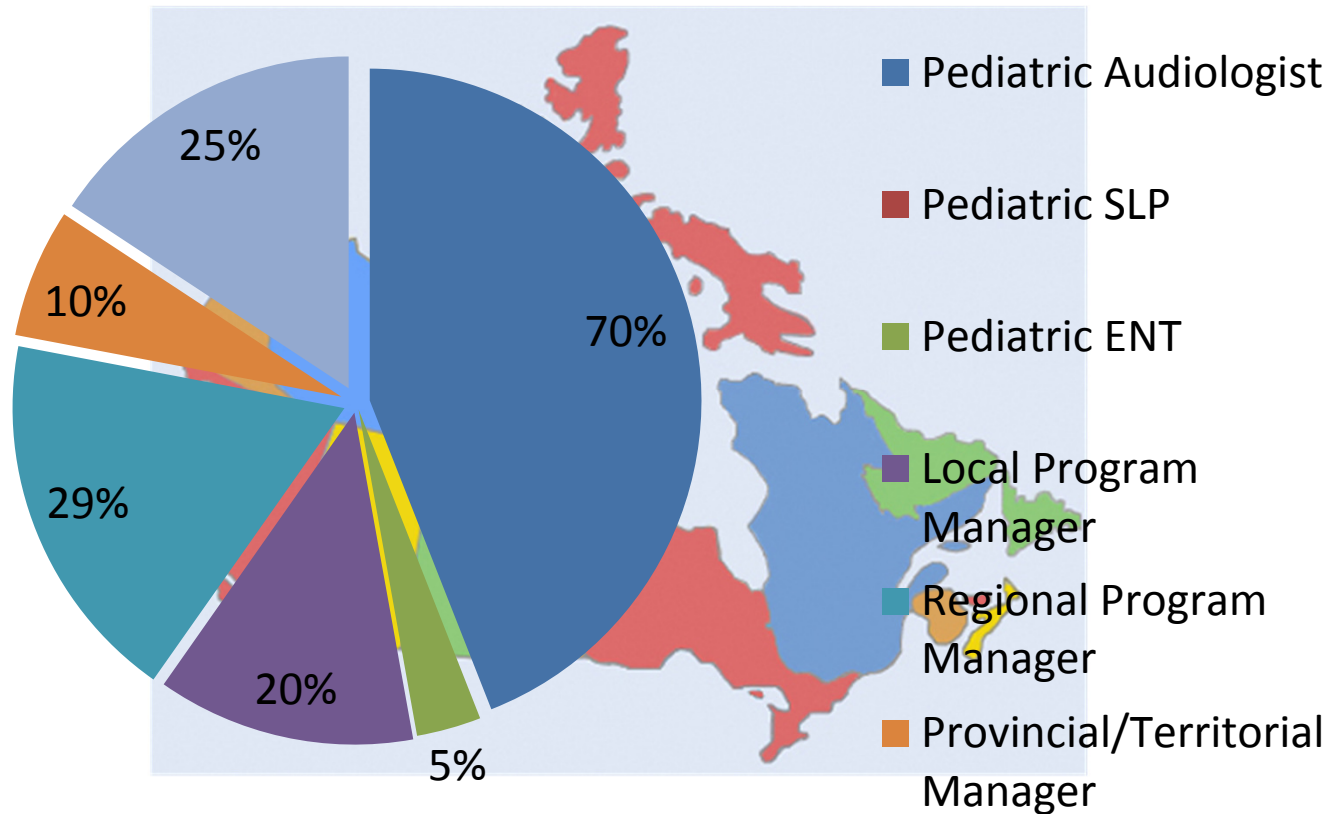
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Nunavut

- Population ~31,000. 0.02/km²
- Some equipment in the region, from the ON IHP.
- Only one permanent audiologist, with large caseload.
- Attempting to secure funding for an additional audiologist.
- May consider a program if resources allow.

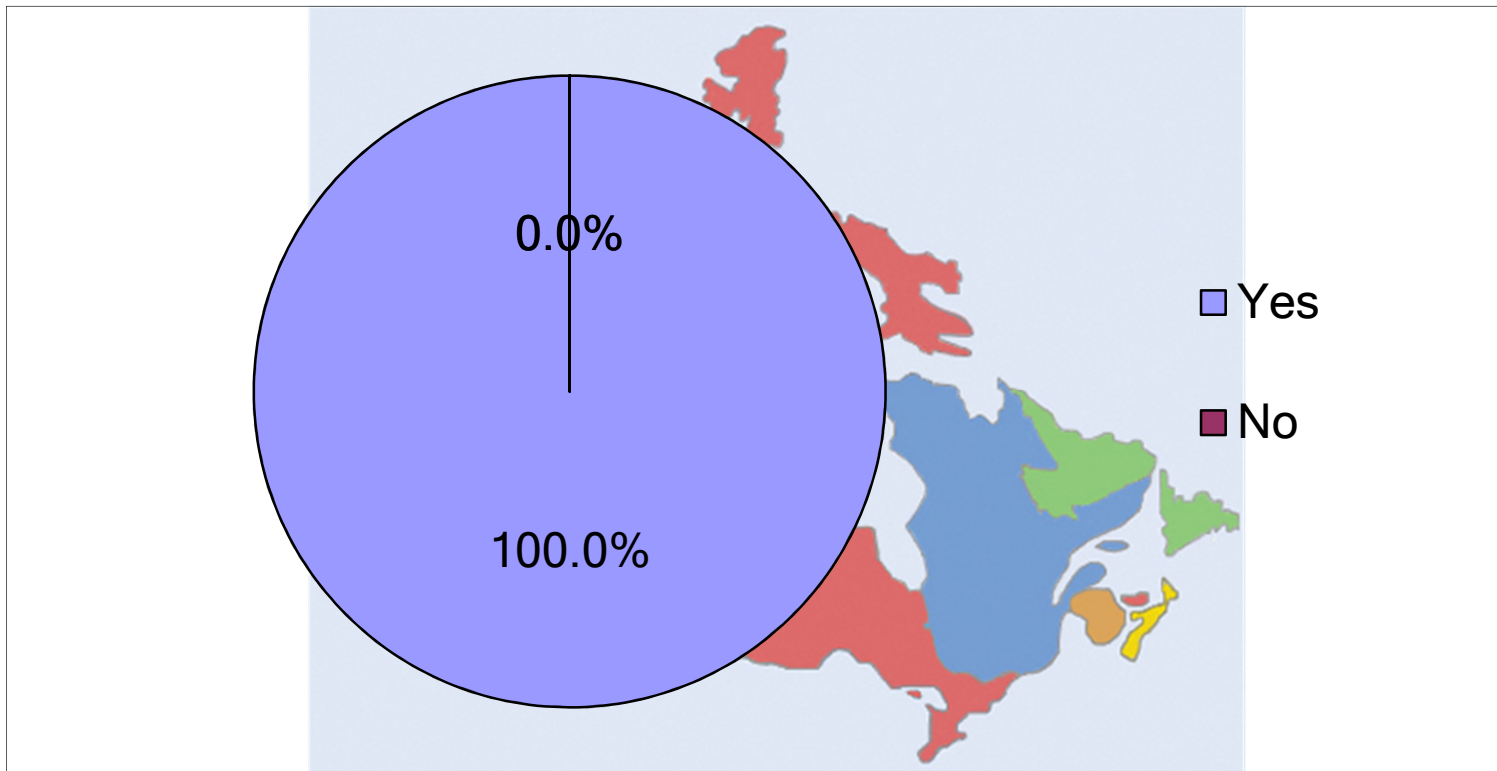


What is your role in your province/territory?



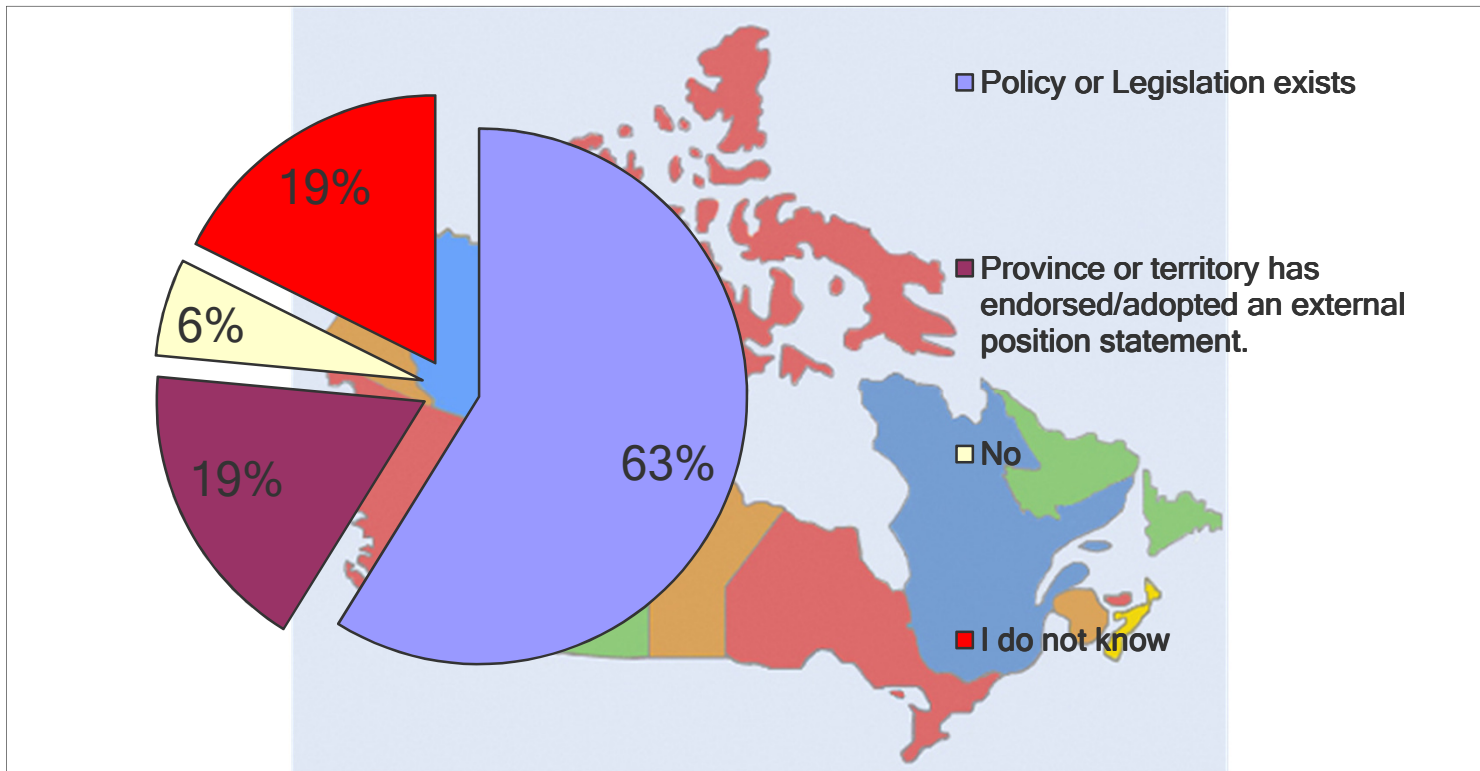


Are you aware of Canadian position statements re: EHDI?



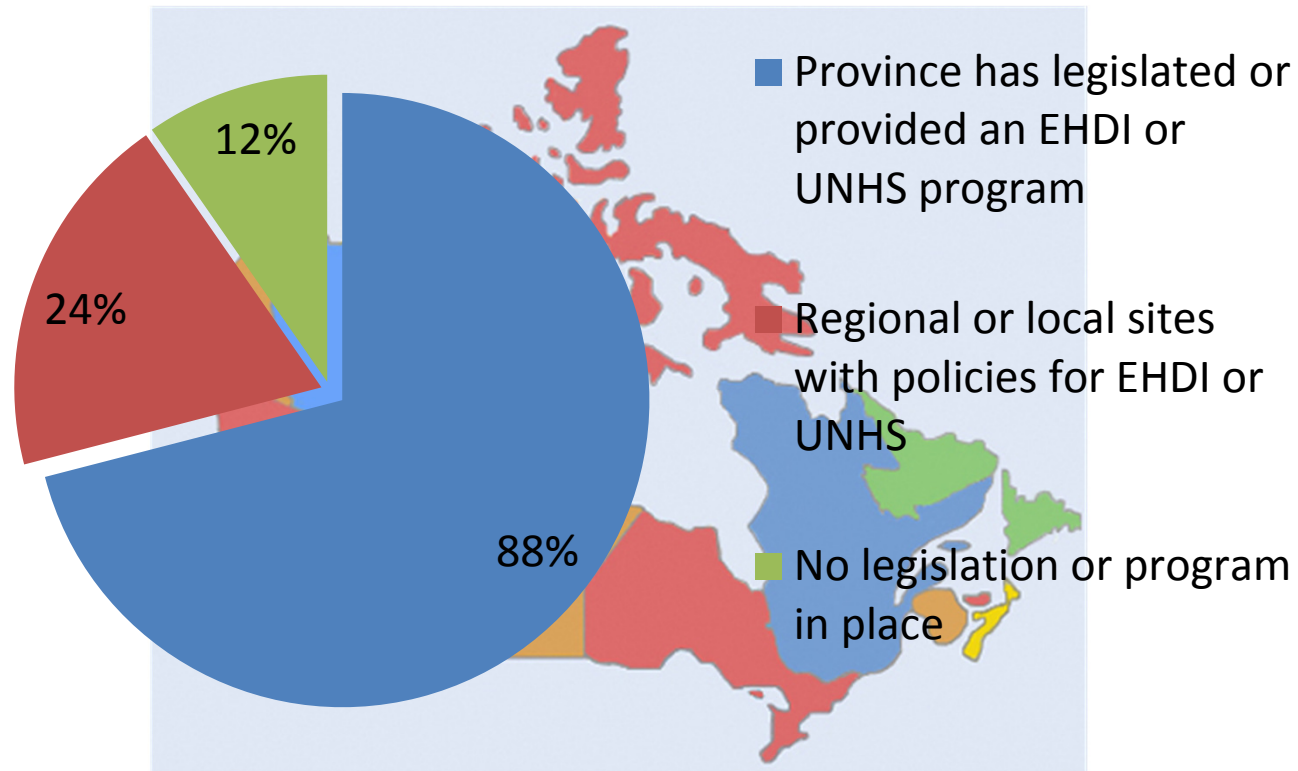


Are you aware of EHDI policy or legislation in your province/territory?



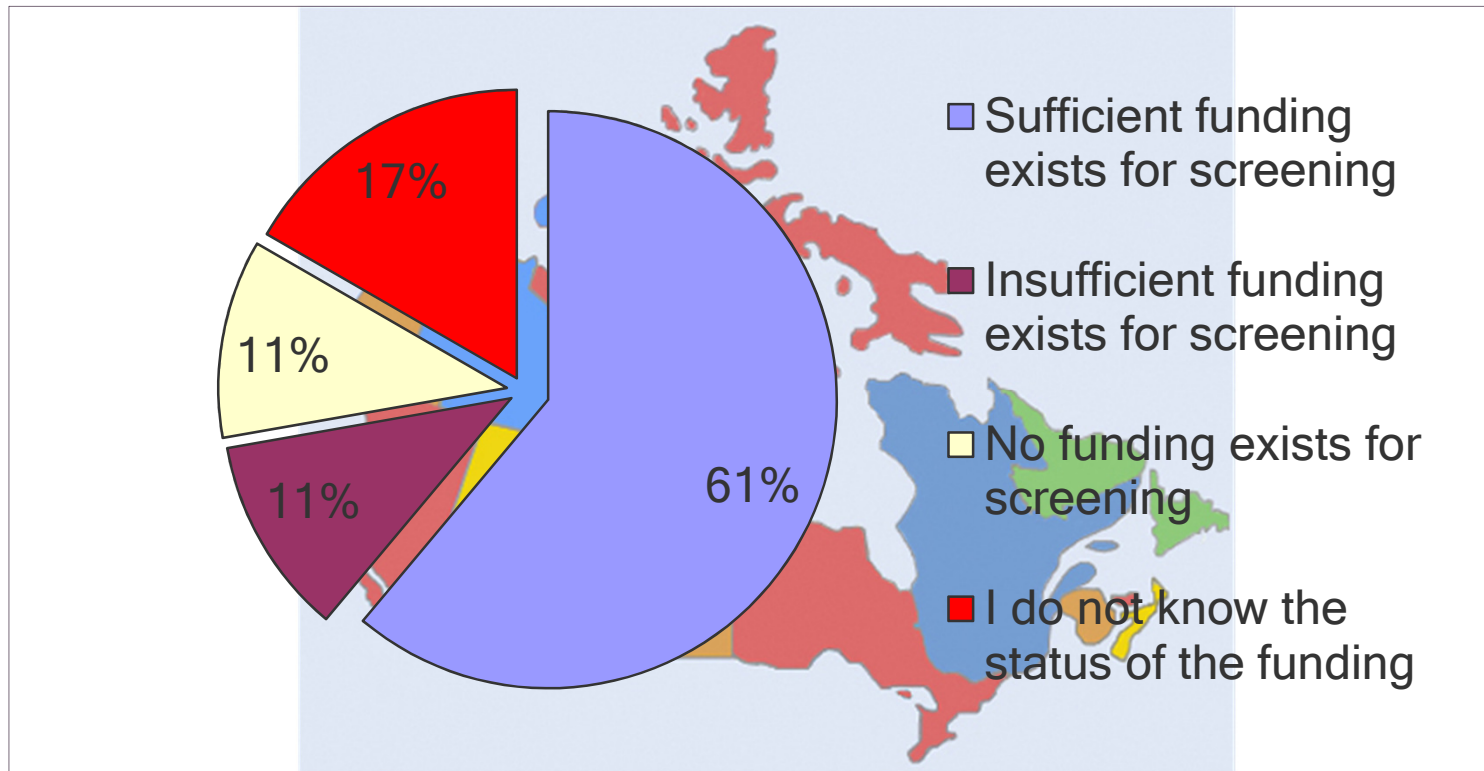


What is the status of legislation or policy for EHDI in your province?



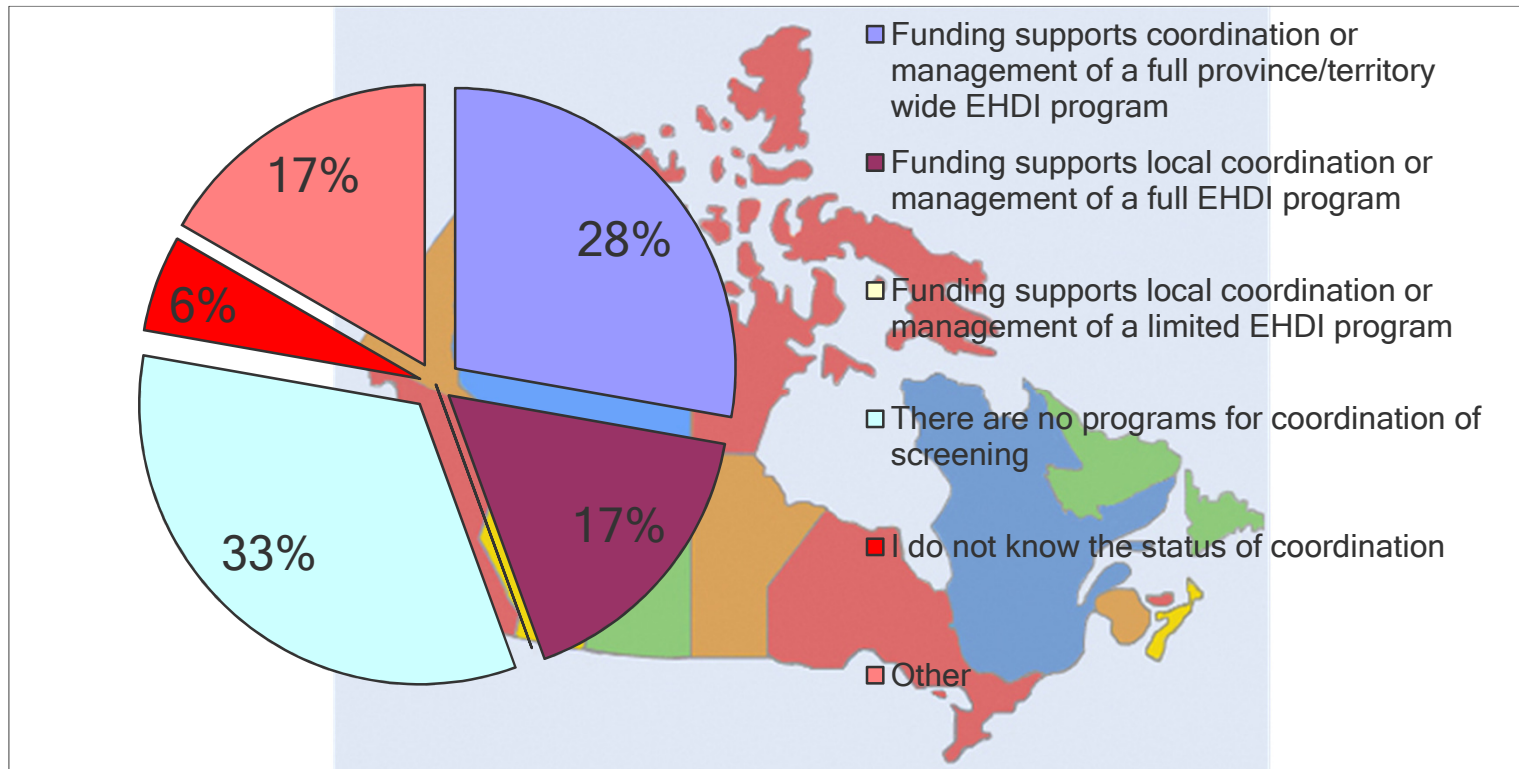


What is the status of EHDI funding in your province/territory?



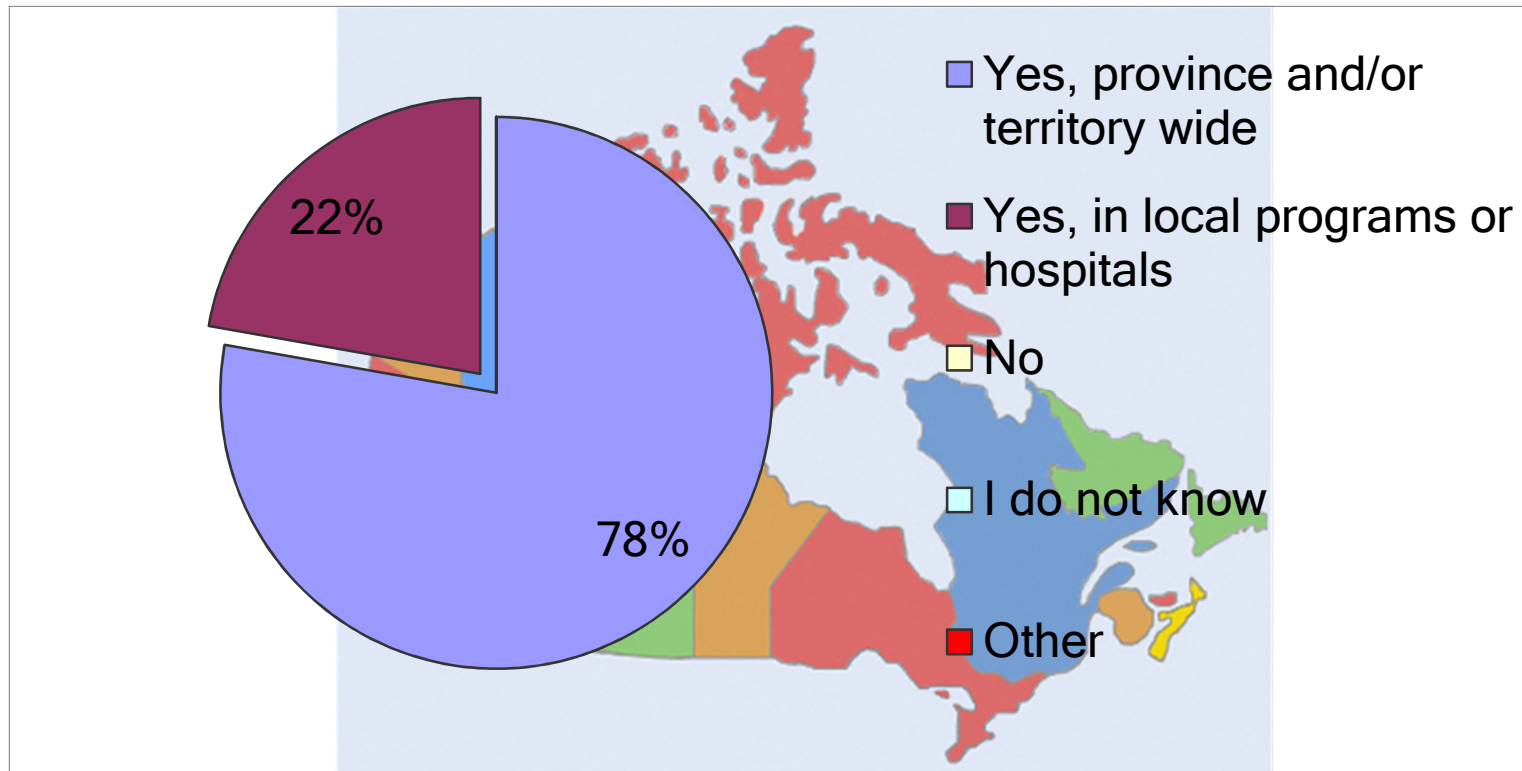


Is there funded management/coordination of EHDI in your province?



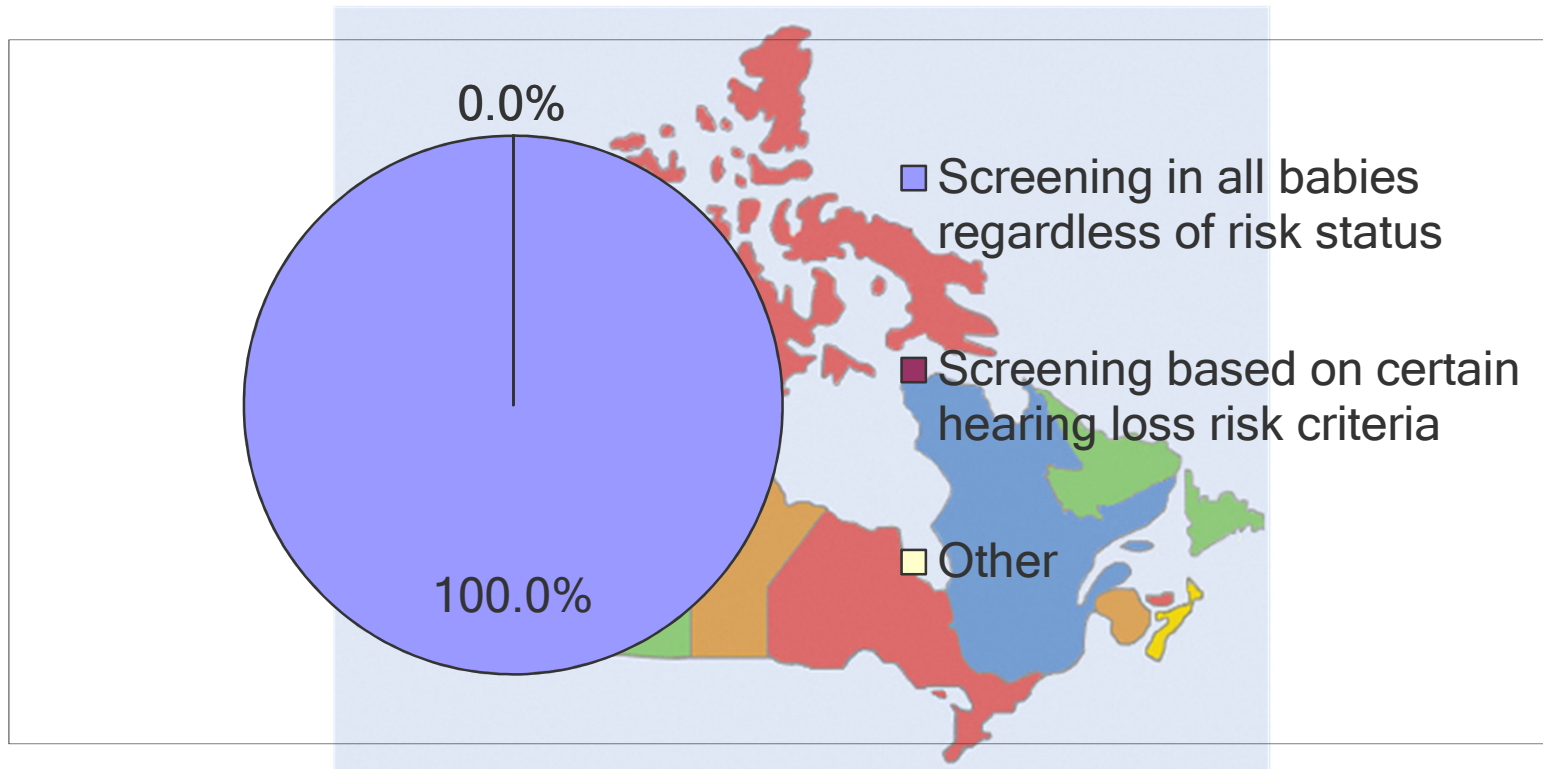


Does your province/territory have neonatal hearing screening?



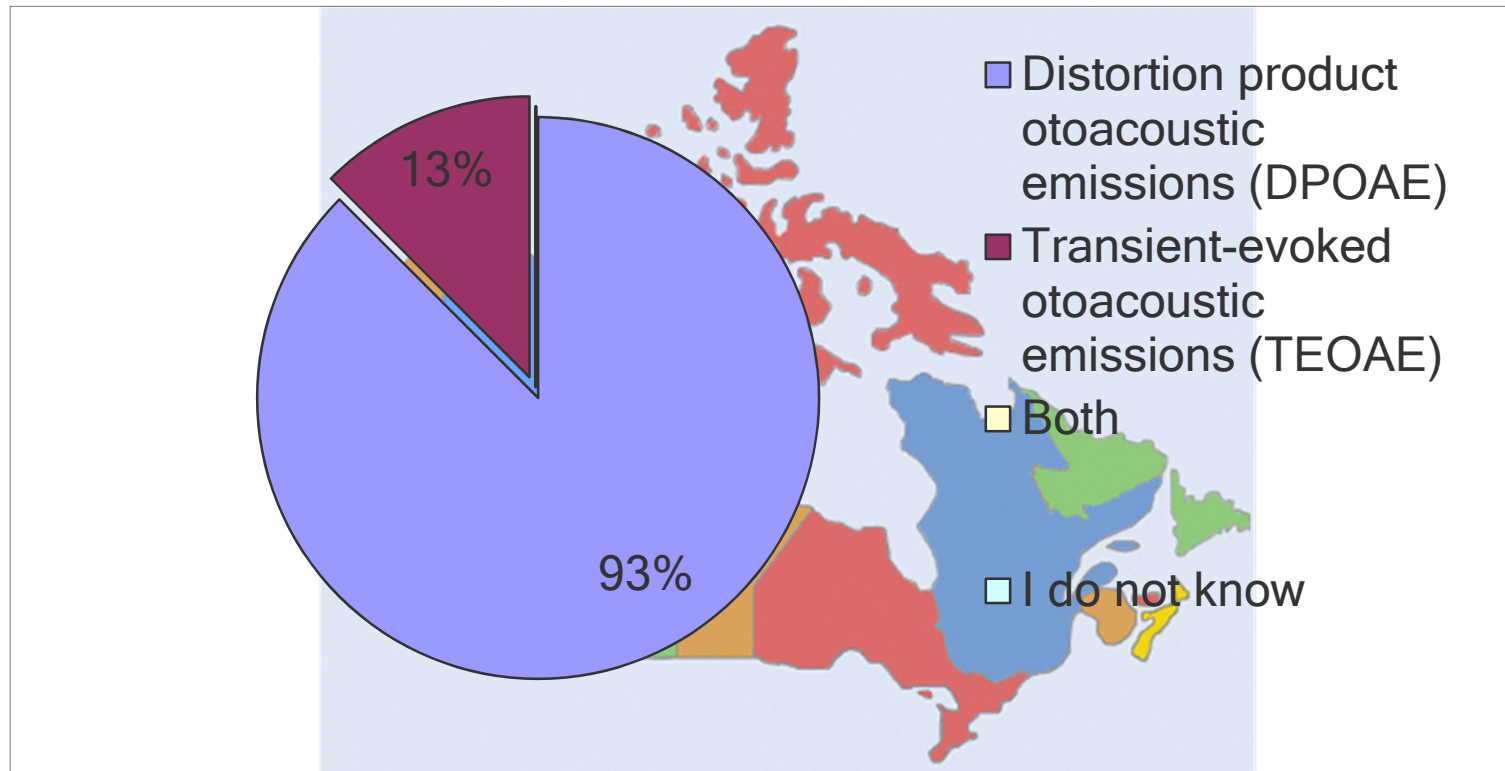


Describe hearing screening initiatives in place, if offered.



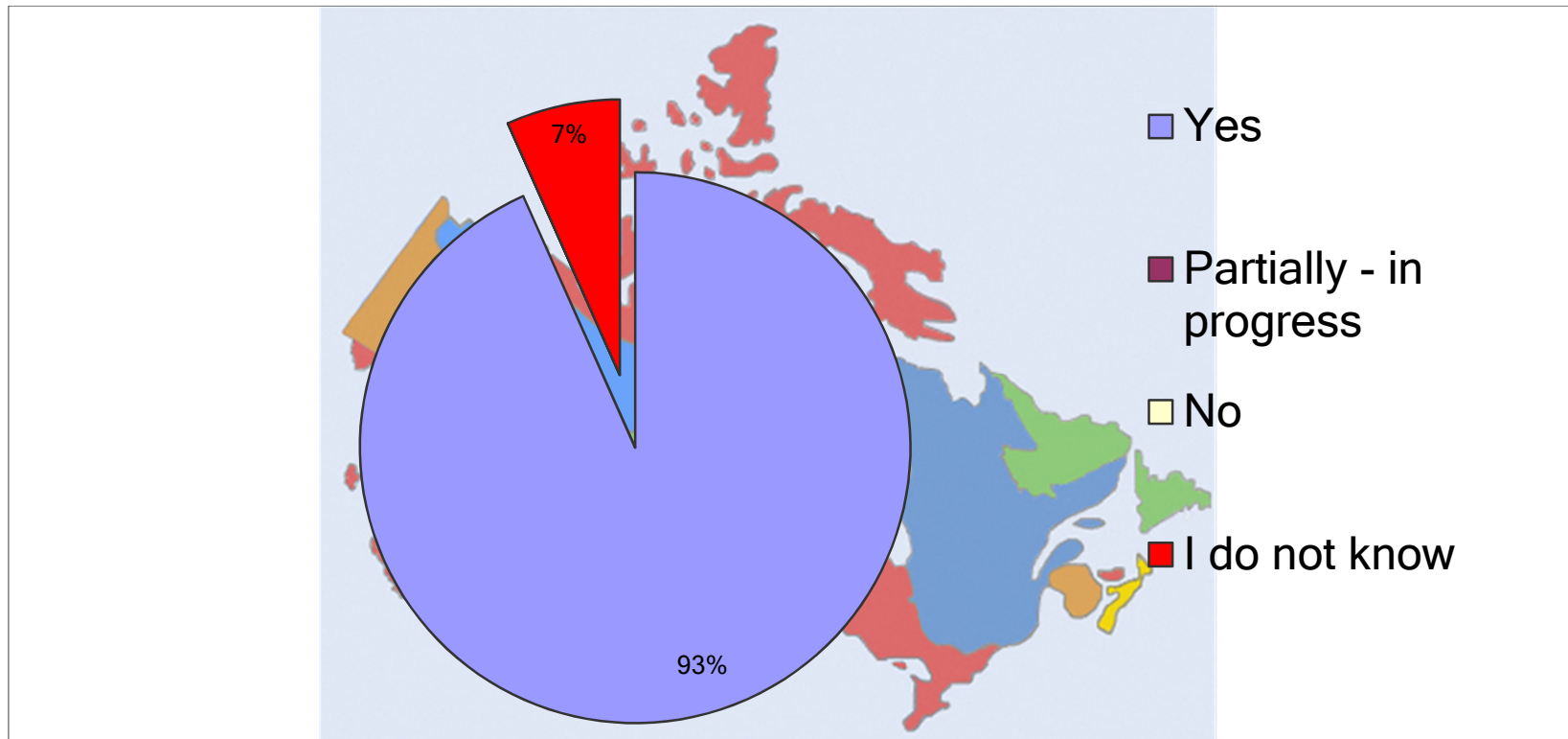


What type of OAE's used in your program?



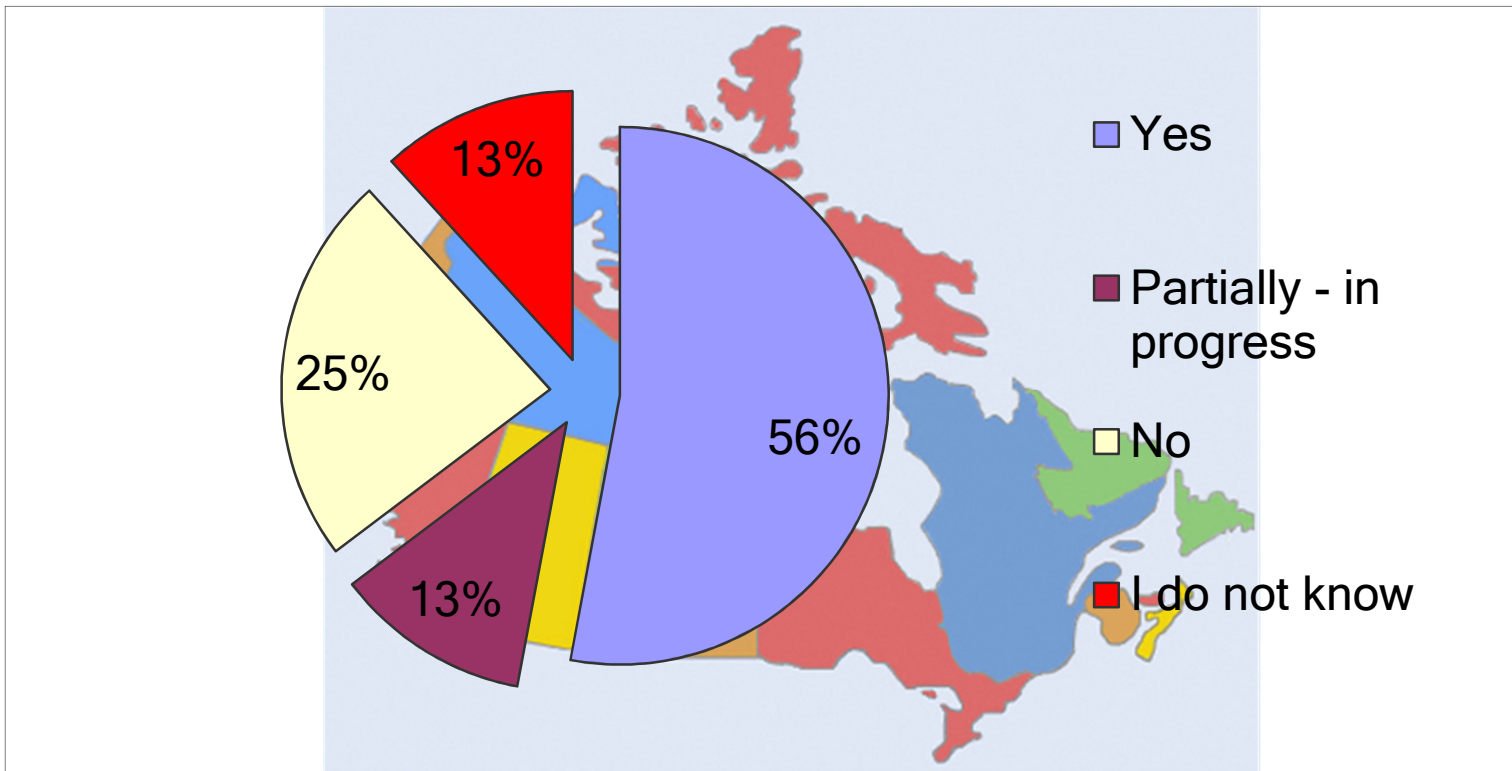


Does your program have standardized measurement and pass/fail criteria?



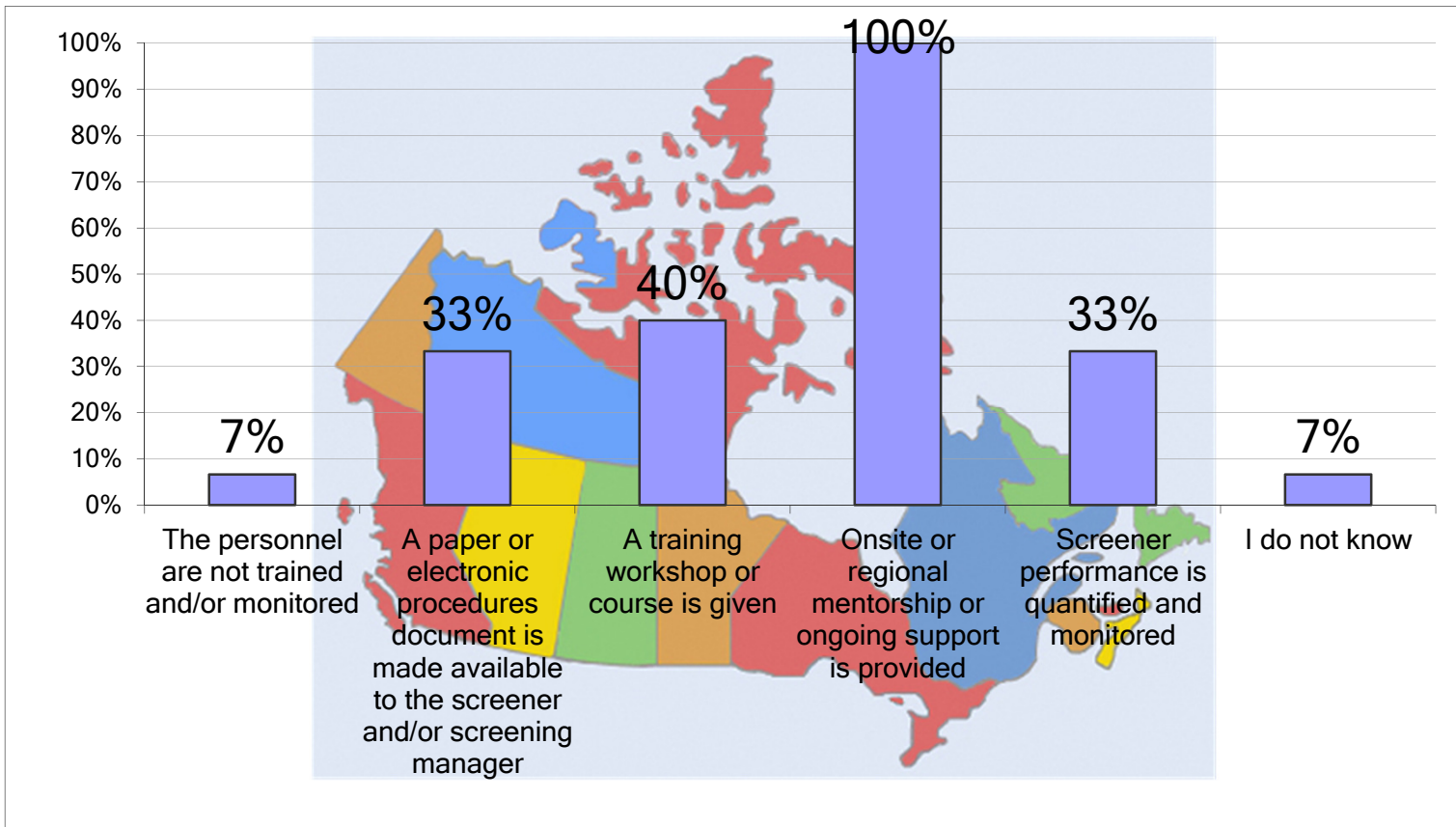


Does your program use standardized screening equipment?



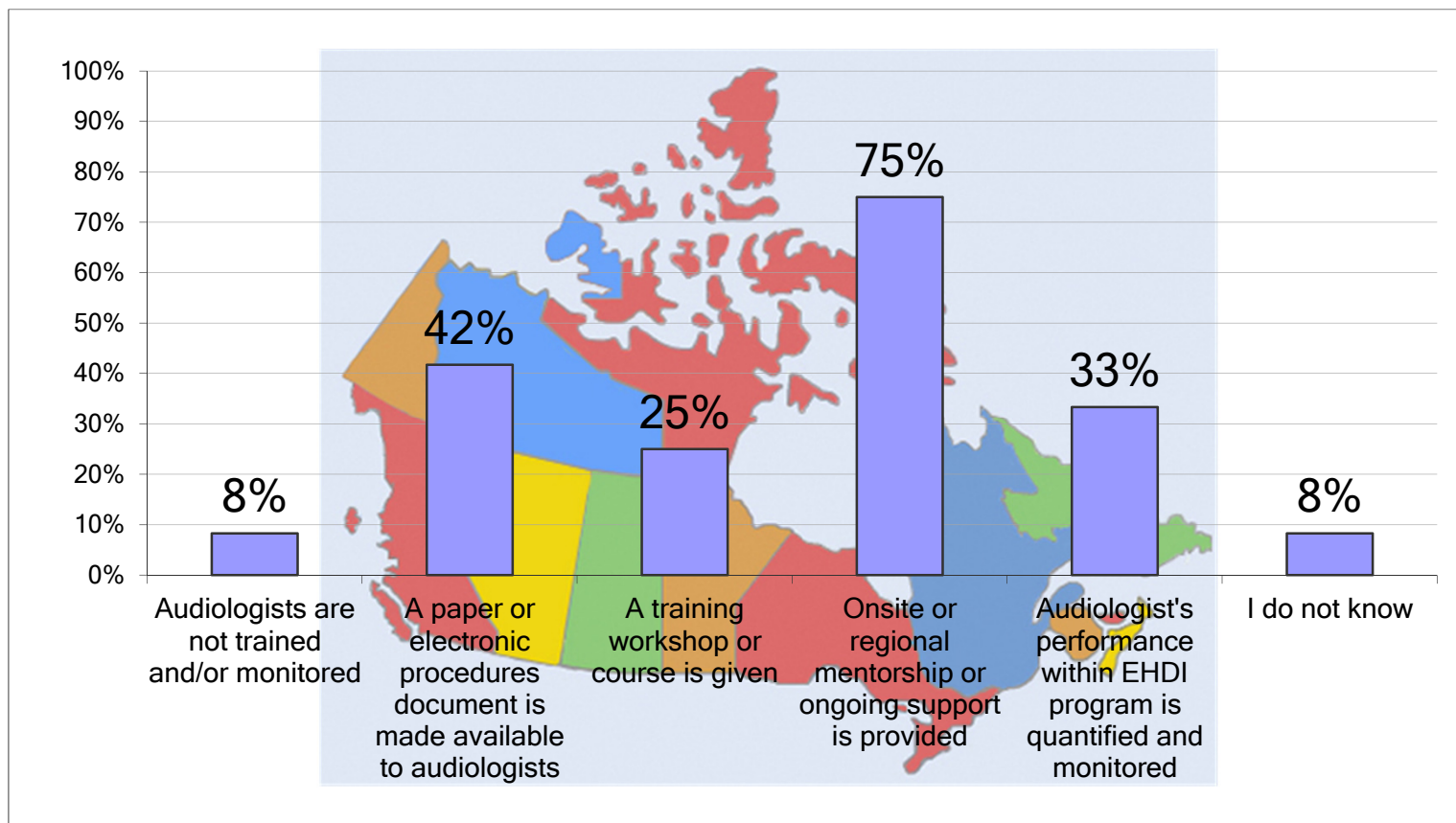


How are screening staff trained?



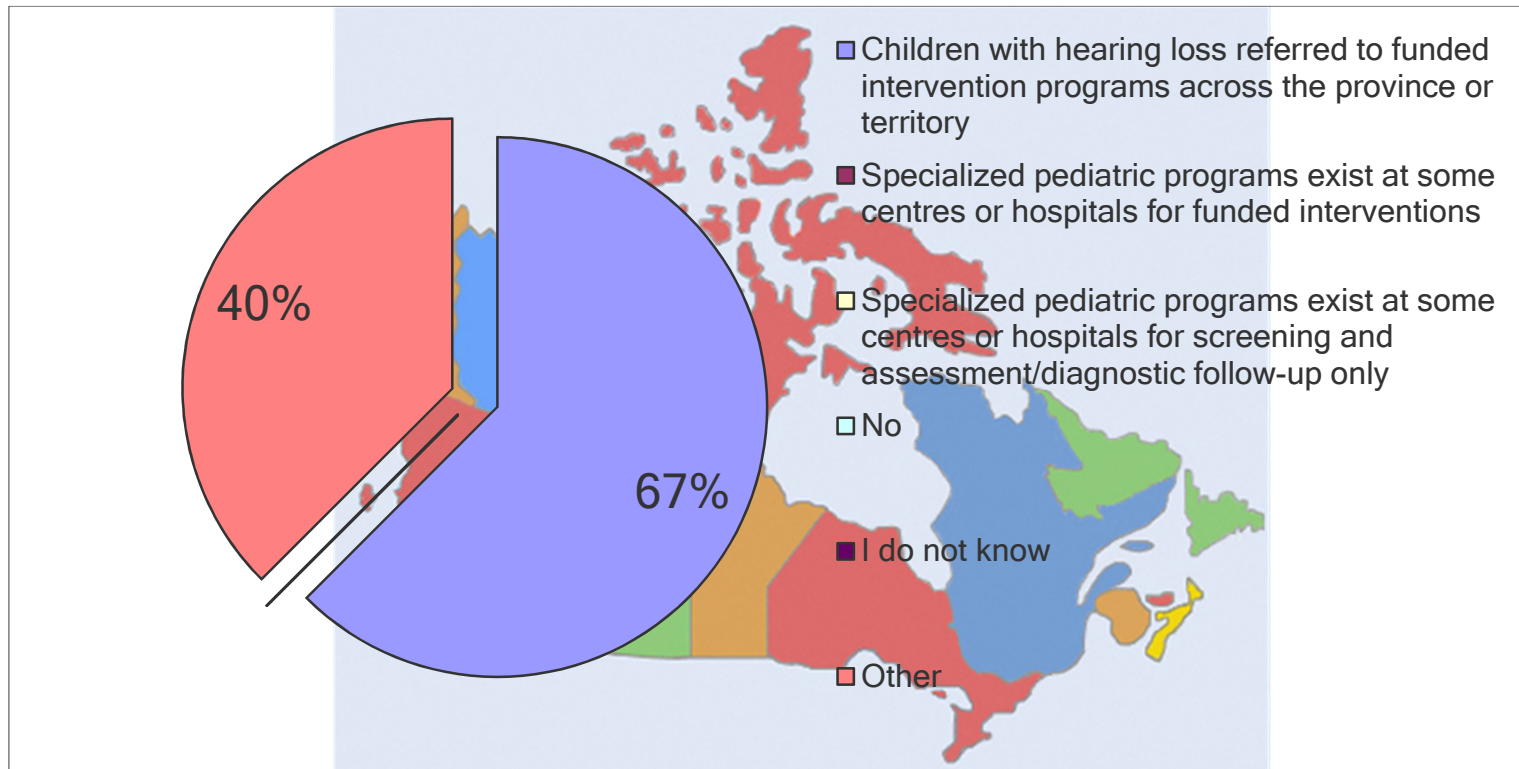


How are EHDI audiologists trained/monitored?



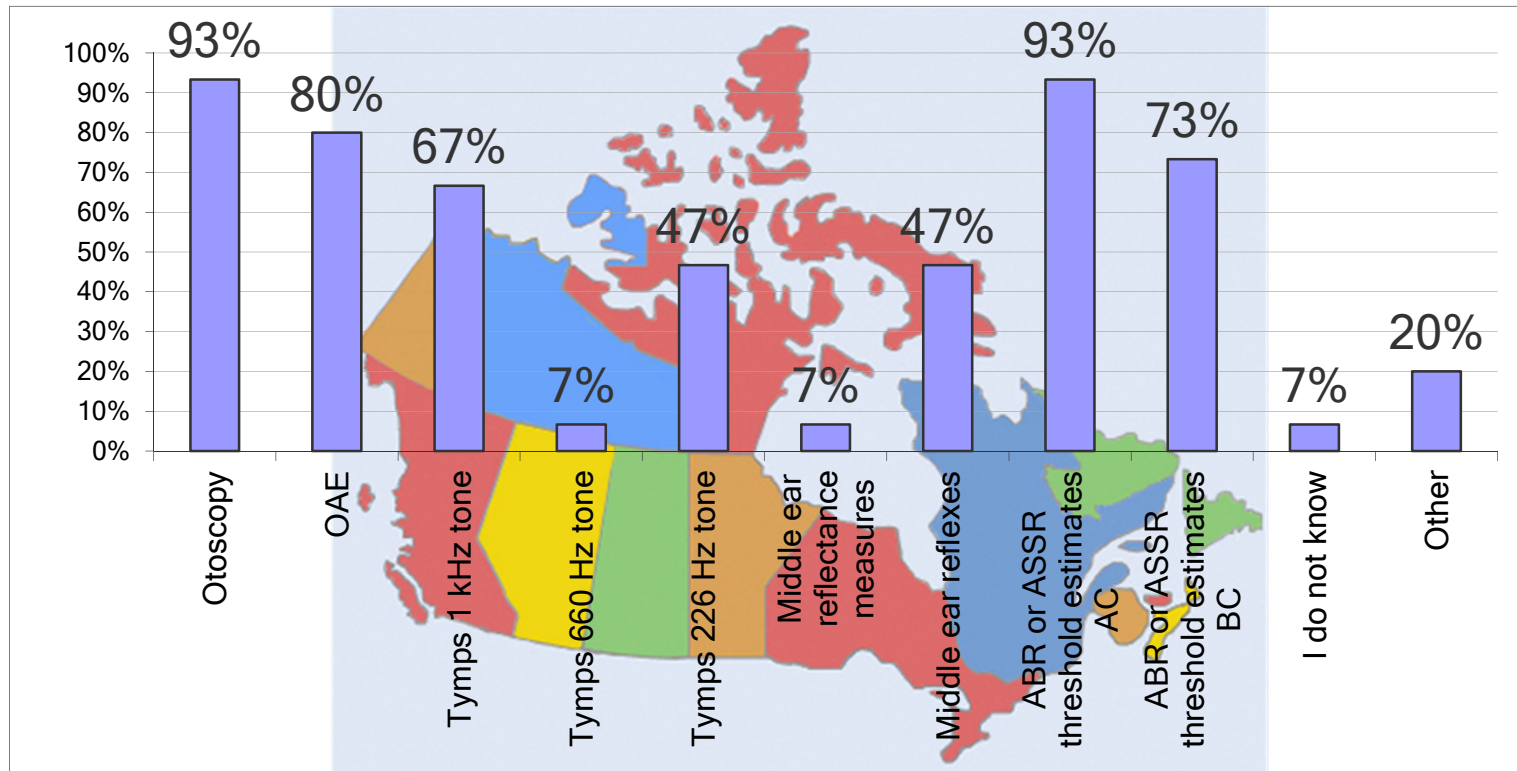


Does your province/territory have early intervention services?



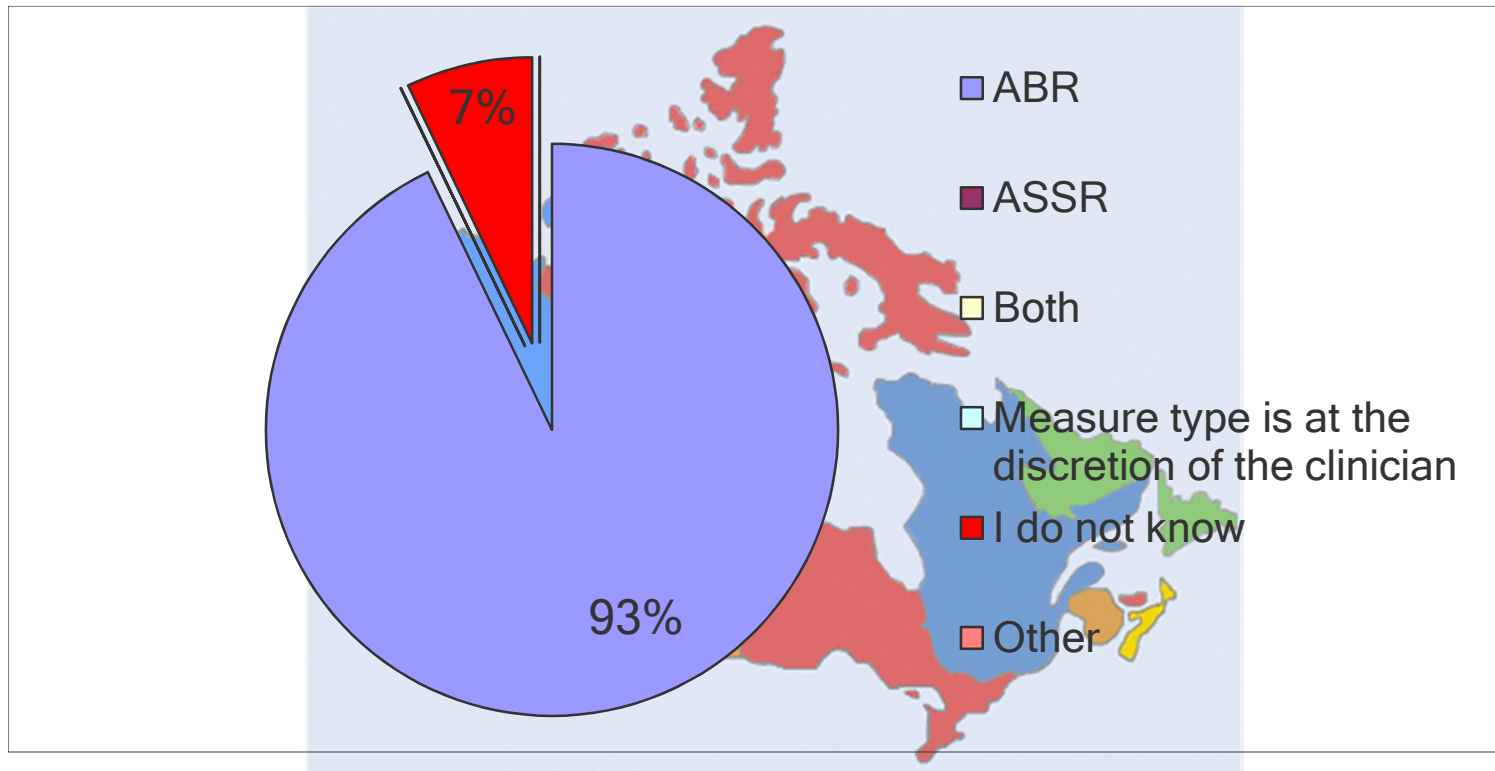


What tests comprise a full assessment battery?



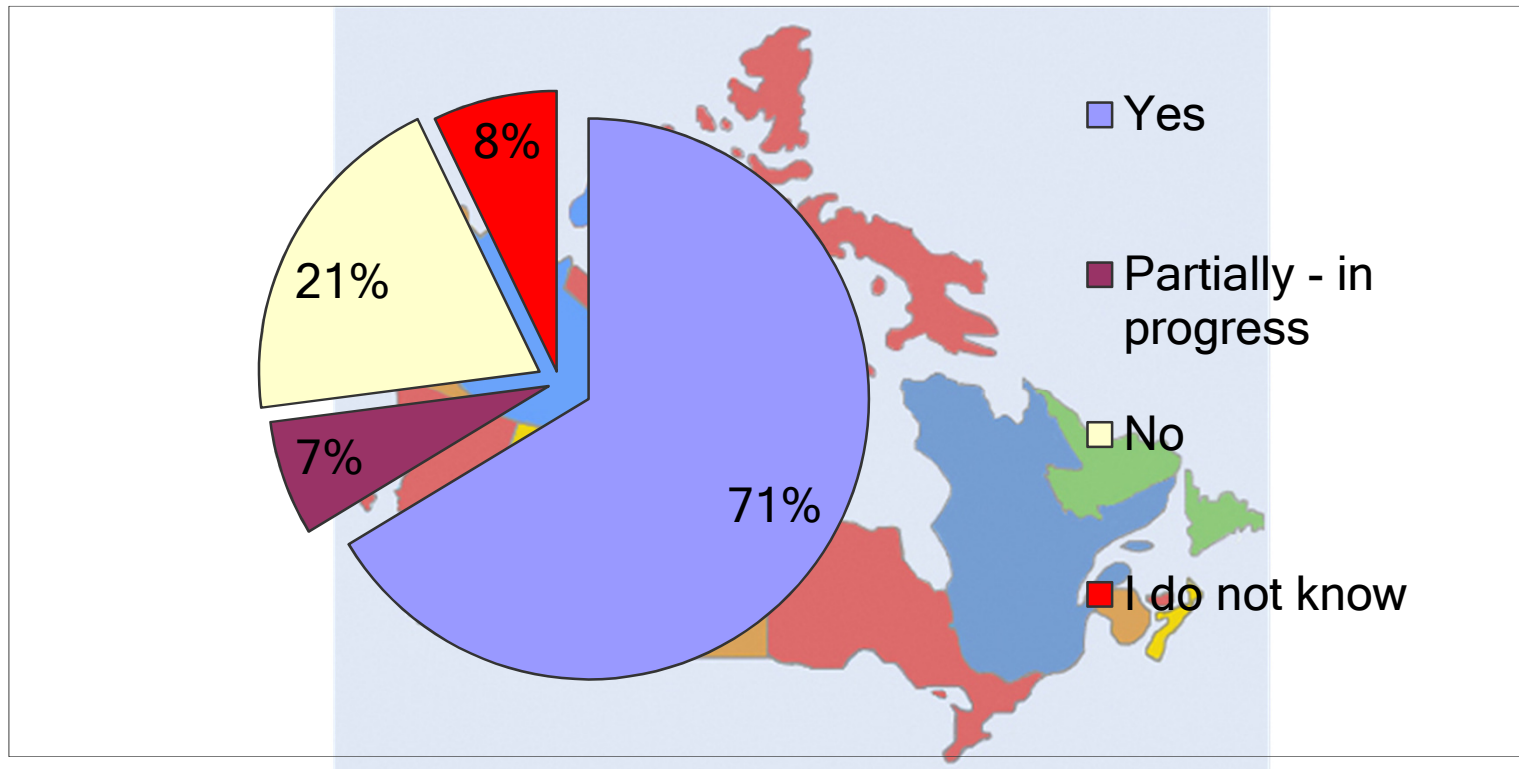


Primary measure for threshold estimation when using evoked potentials?



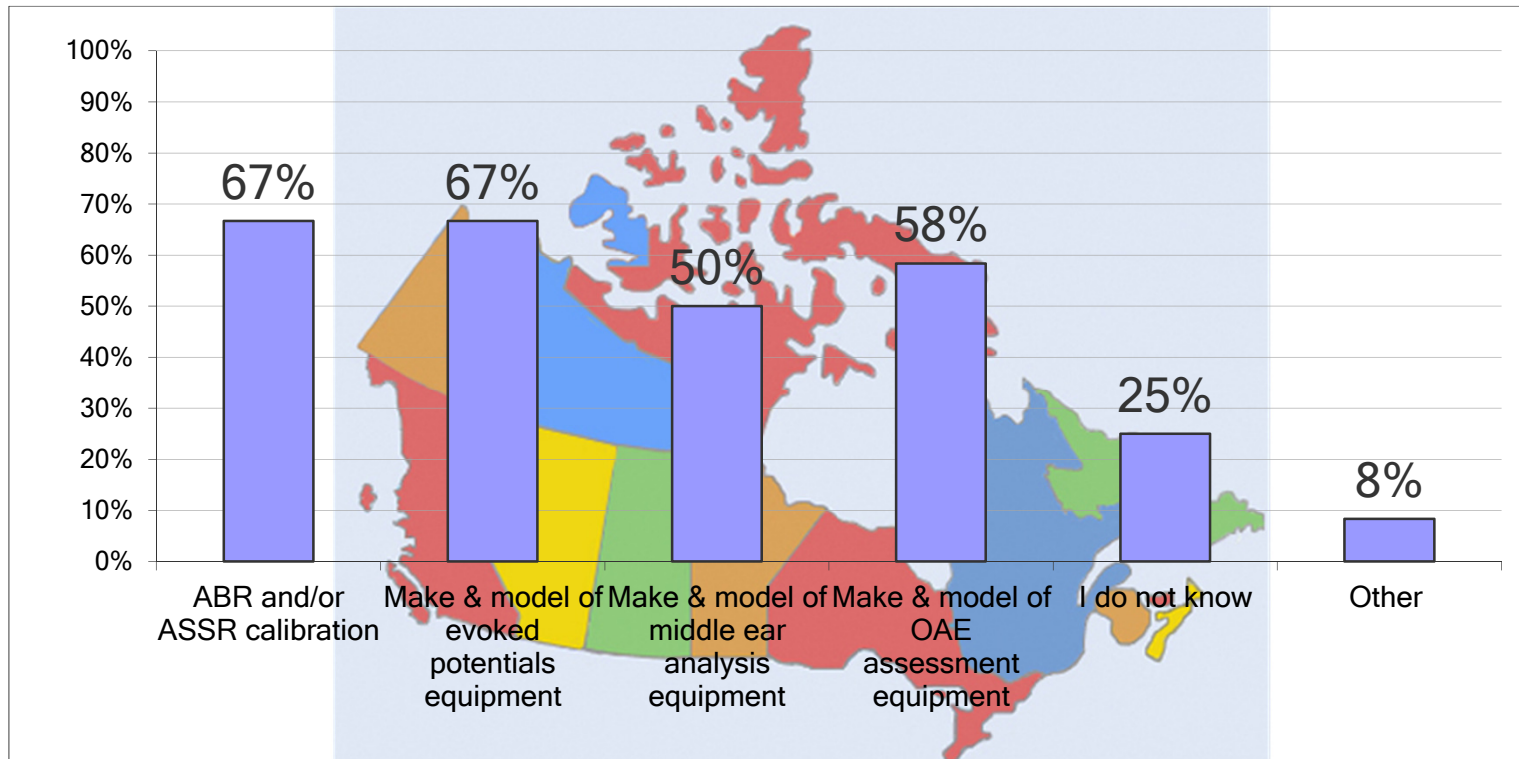


Is assessment equipment standardized?



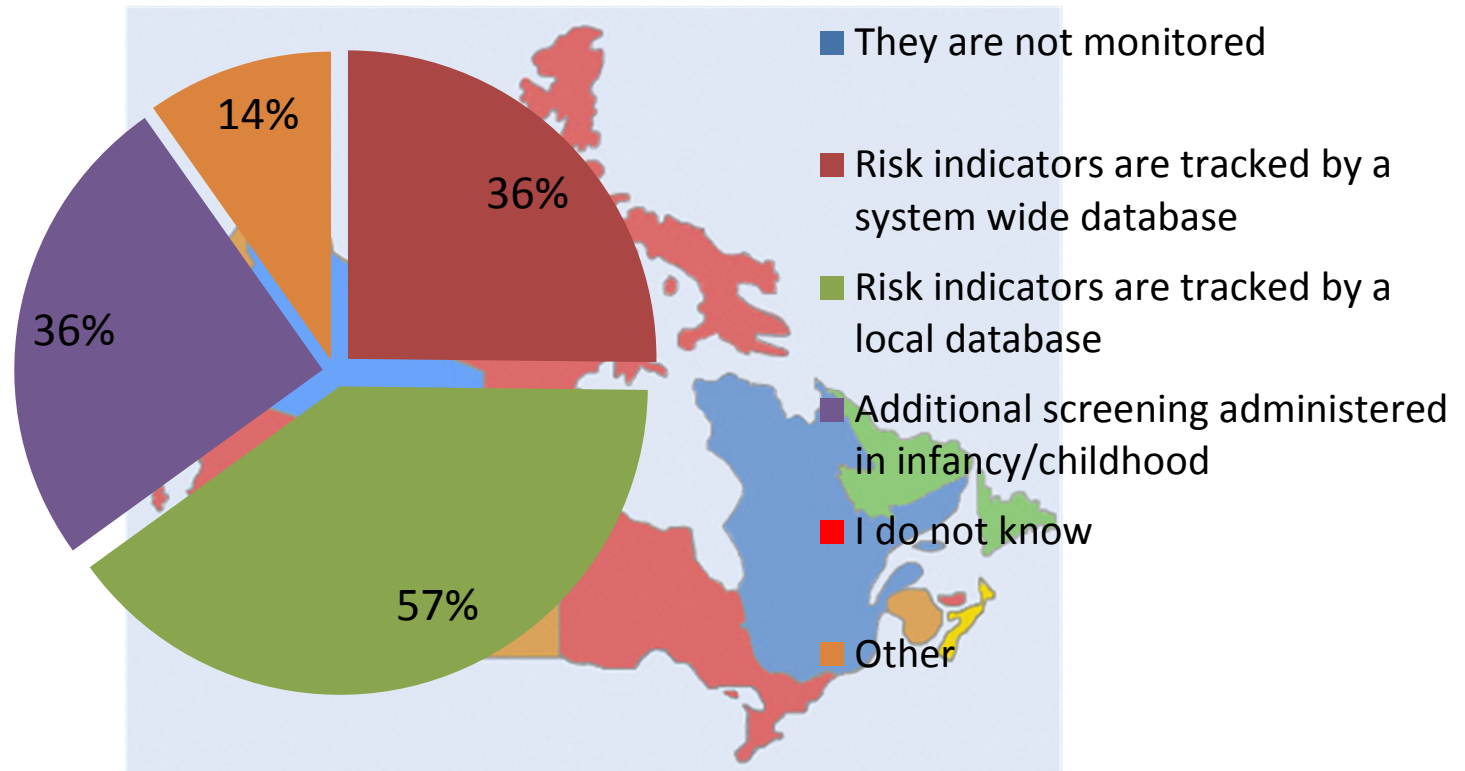


The following are standardized within my province/territory/region





How are high risk infants monitored?

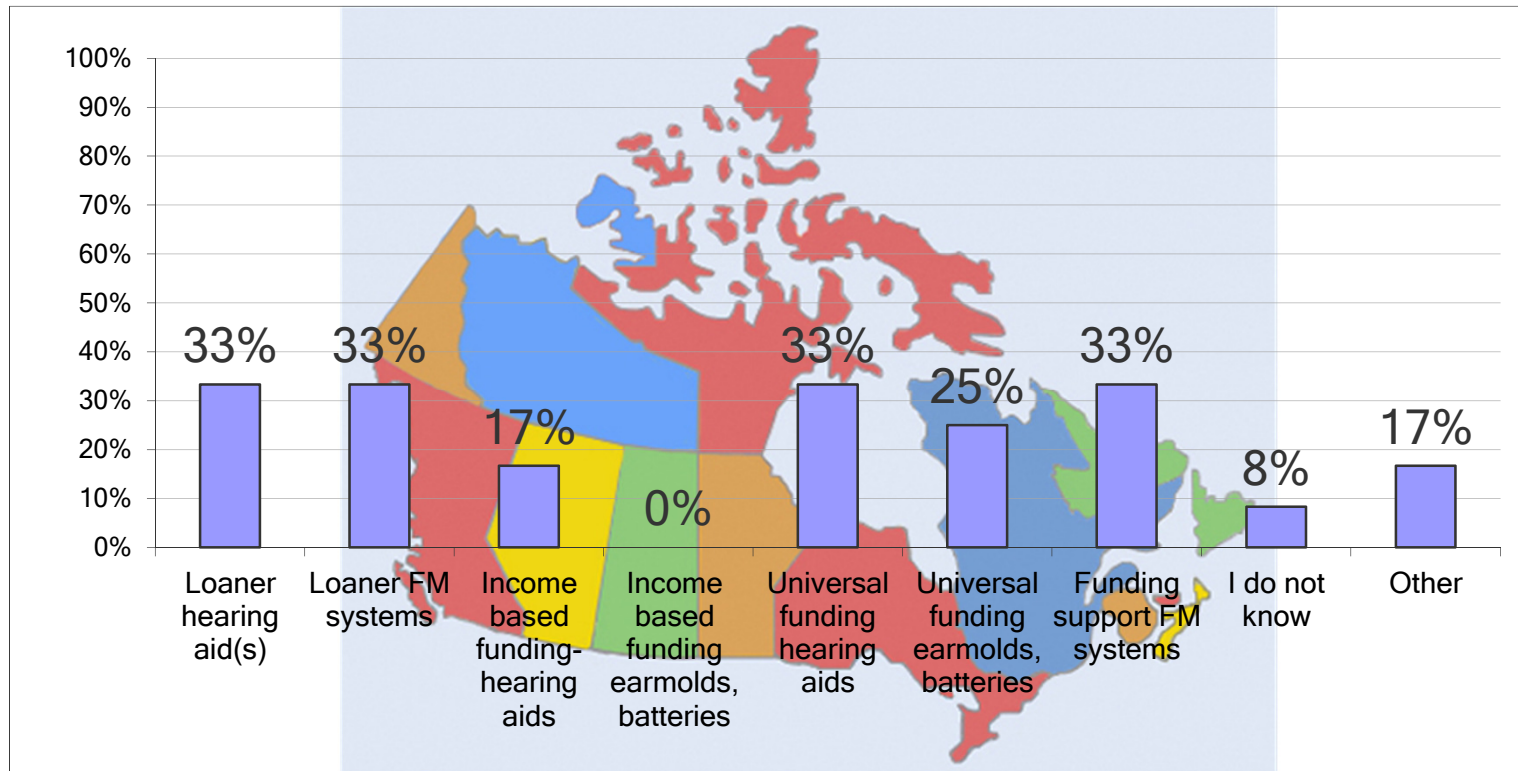




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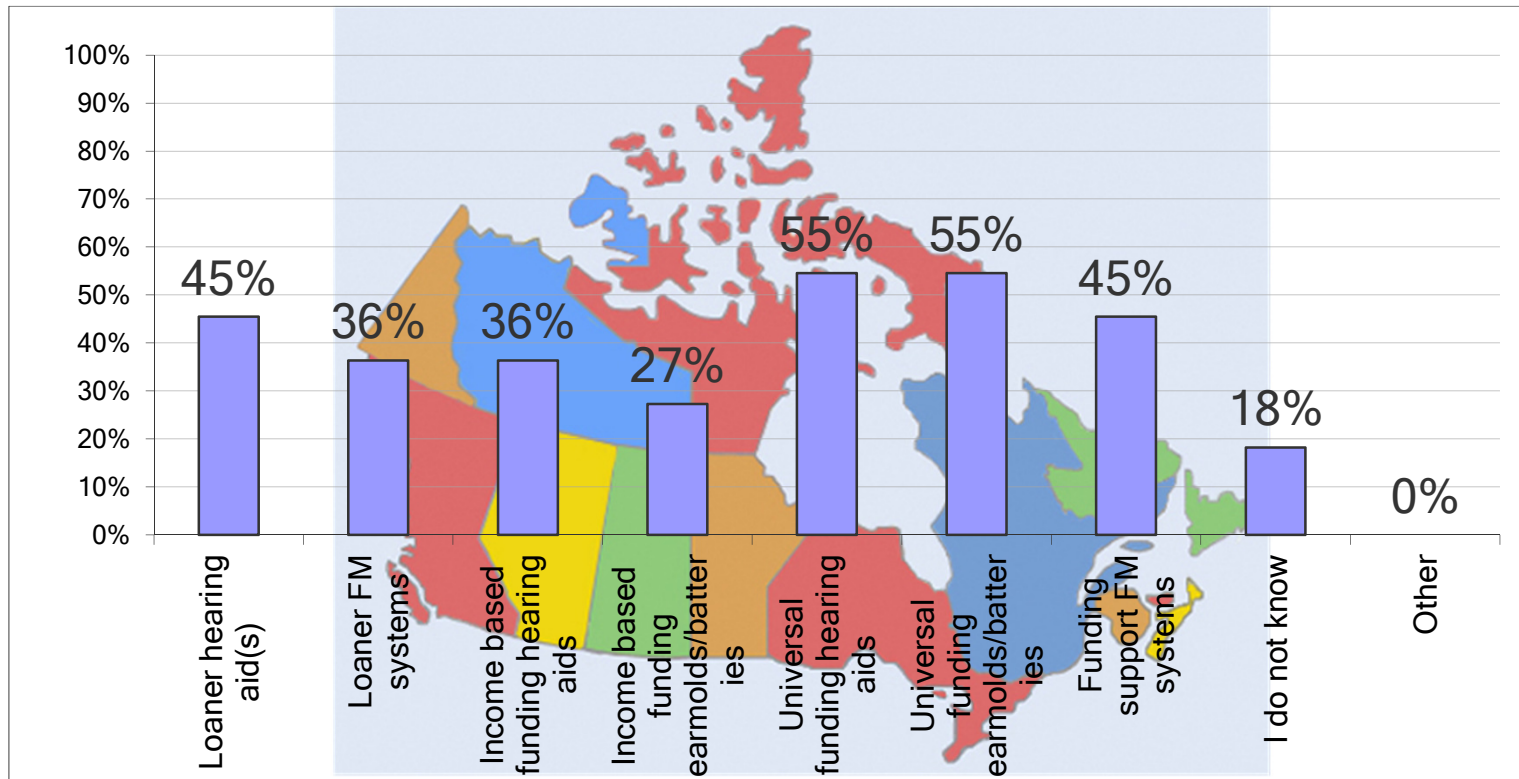
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Our provincial/territorial EHDI program provides funding for the following:



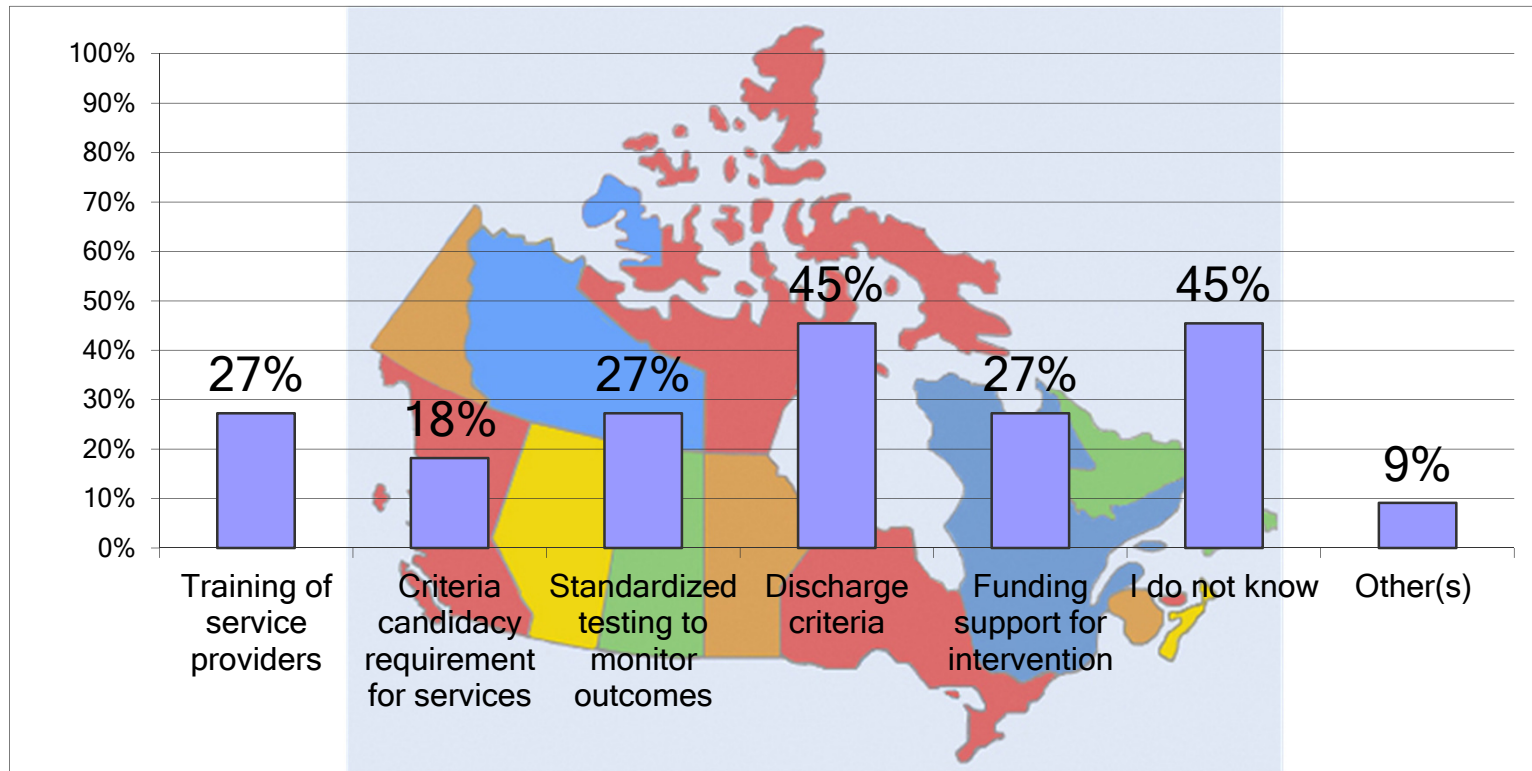


Our province/territory provides funding for the following:



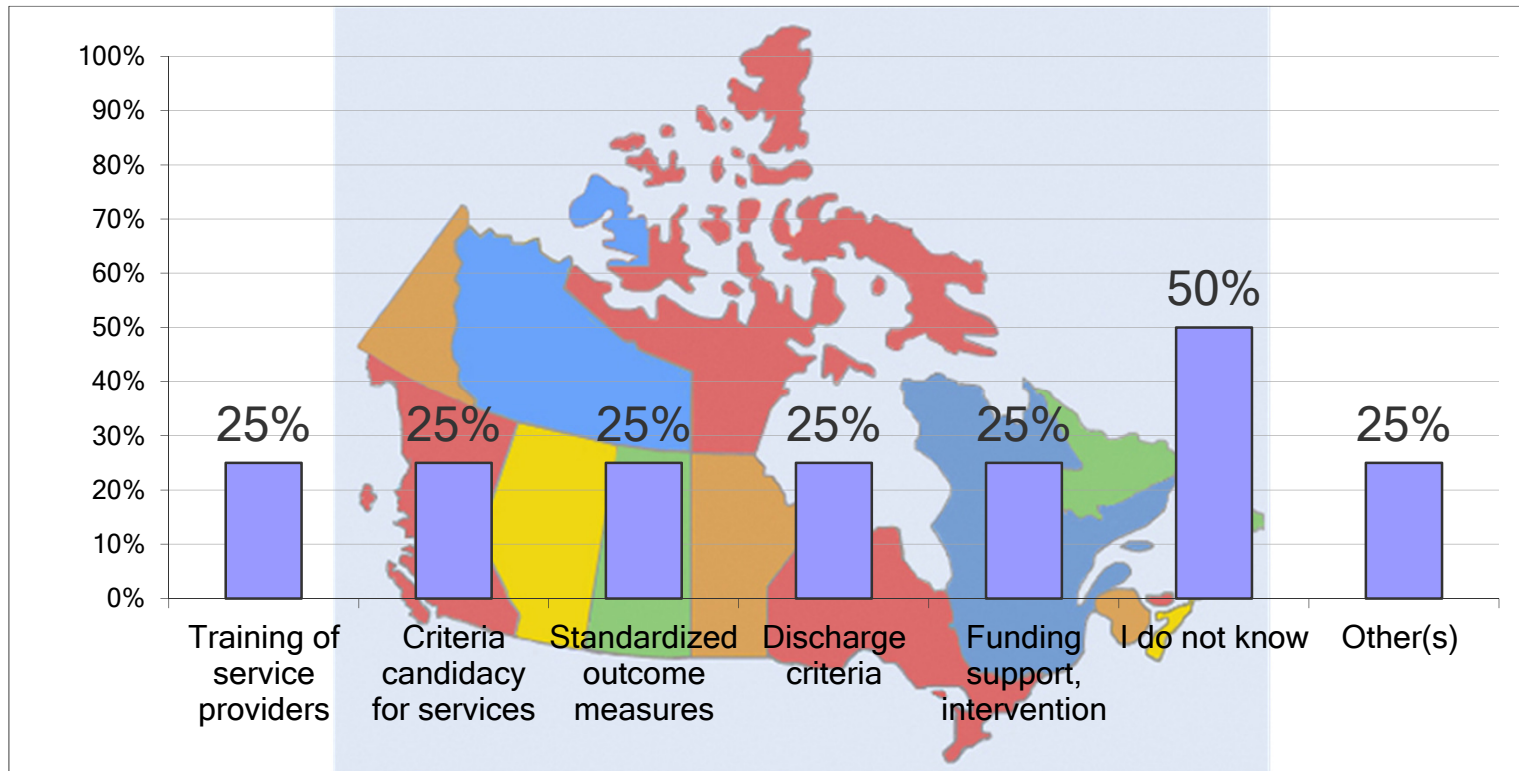


Which of the following are components of your Oral Communication Dev't Protocol?



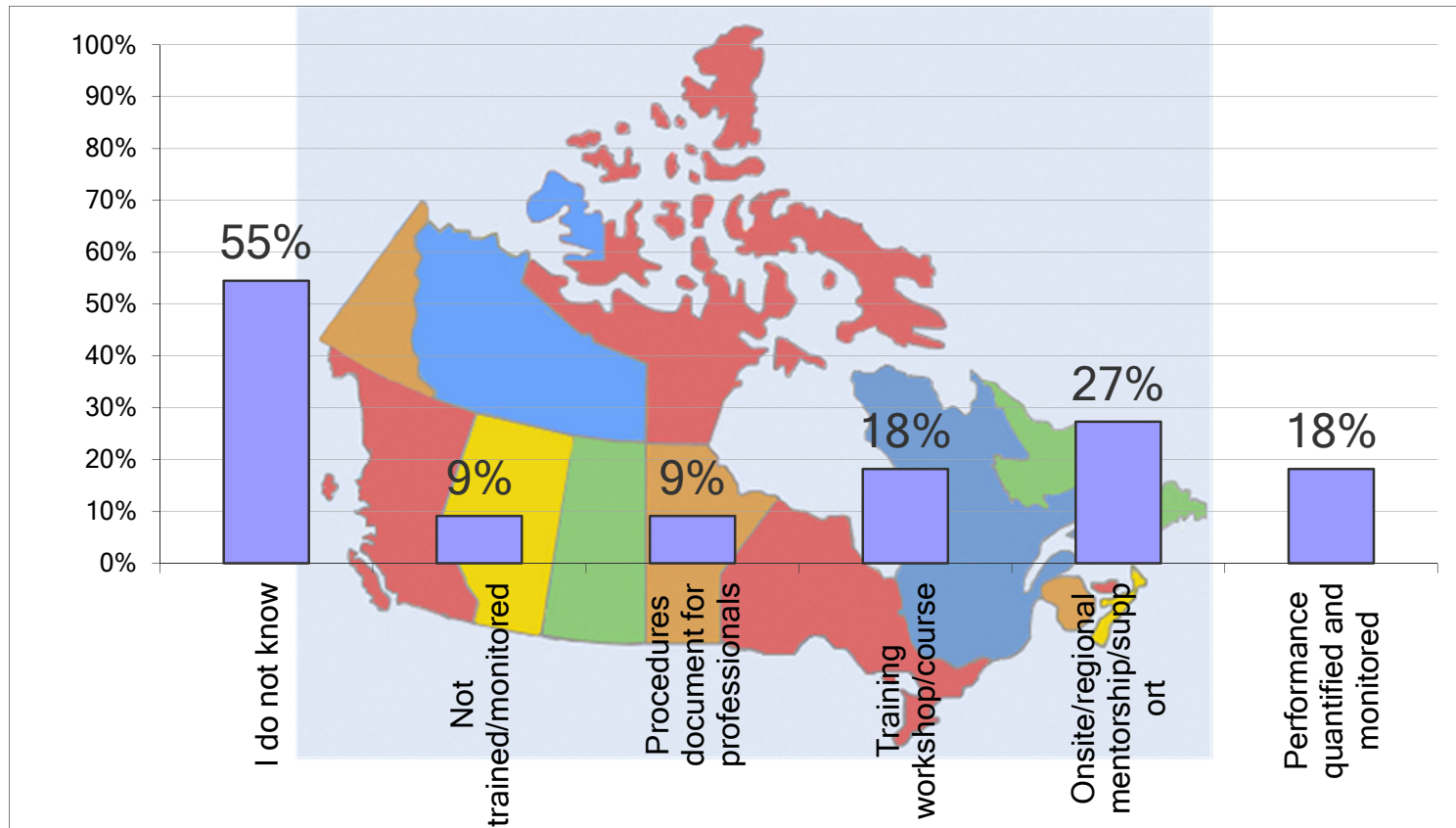


Which of the following are components of your Manual Communication Development Protocol?



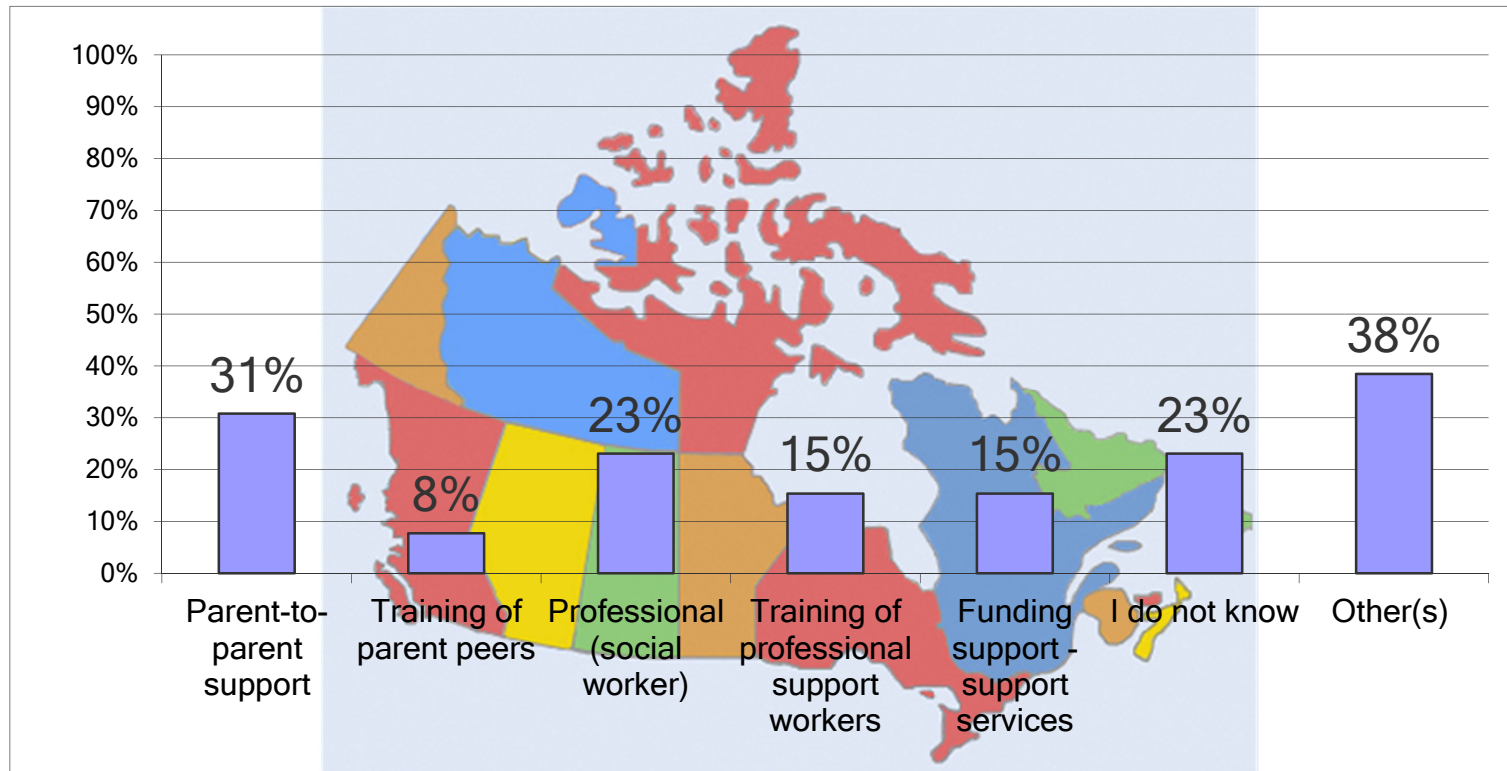


How are other professionals (family support) trained/monitored?





What family support services are offered?





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2015 Report Card Review

- So, where are we at?
 - All provinces are aware of need/benefit of EHDI
 - Local programs are maturing into coordinated efforts
 - 2 strong, complete EHDI programs
 - 2 + 1 comprehensive programs in development
 - Some regions struggle with population density and funding
 - Significant gaps exist in program standards
 - Gaps evident in communication development programming



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References

- Hyde, M. 2010. Principles and Methods of Population Hearing Screening in EHDI. In Seewald, R. and Tharpe, AM. (Ed.). Comprehensive Handbook of Pediatric Audiology. San Diego CA. Plural Publishing.
- Joint Committee on Infant Hearing. Year 2007 Position Statement: principles and guidelines for early hearing detection and intervention programs. *Pediatrics*. 2007;120 (4):898-921.
- Campbell, W. and Hyde, M., 2011. eEHDI: Functions and Challenges. Proceeding Book Pediatric Conference 2011, Ch 6.



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Special Thanks

- Logo Design
- .ppt Design

modo[✦]



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Thanks!

- Questions?
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 - www.infanthearingcanada.ca
 - (Dec 1, 2015)

