

Florida Early Hearing Detection and Intervention (EHDI) Timeline

2000

Universal Newborn Hearing Screening (UNHS) began in Florida.



2001

Aggregate data faxed and mailed from hospitals and stored on spreadsheets.



2002

Data system with child specific information implemented for referred hearing results only.



2005

UNHS data system integrated with the Newborn Screening system.

- Results submitted on specimen card.



June 2013

Web based system implemented for hospitals to enter UNHS results themselves.



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Freedom From Faxes: Florida's Journey to Achieve Electronic Data Reporting



“This gives me a way to double check the reporting on all of my babies.”

Justification and Benefits:

Reduces data entry time of Early Hearing Detection Intervention (EDHI) staff.

Reduces duplicate documentation of results by hospital staff.

Reduces lost or never received faxes.

Reduces missing or incomplete data: screening date, method, etc.

Reduces difficulty obtaining hearing screening results on the blood card.

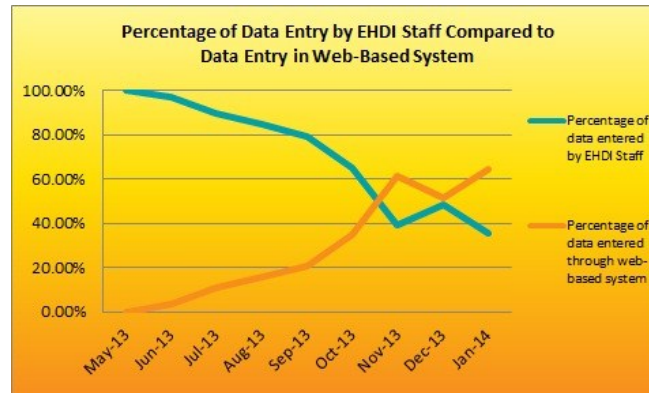
Reduces the delay of results entered into system.

Improves audiologists' access to the most recent hearing screening results.

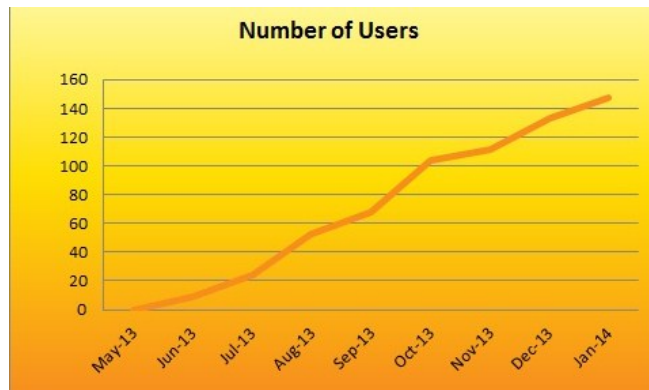
Incorporates rules for data validation that reduces data entry errors.

“Wow! This is going to save me so much time!”

“This will allow audiologists to access information and no longer call the hospitals for results!”



Colored arrows indicate month the corresponding hospitals were trained.

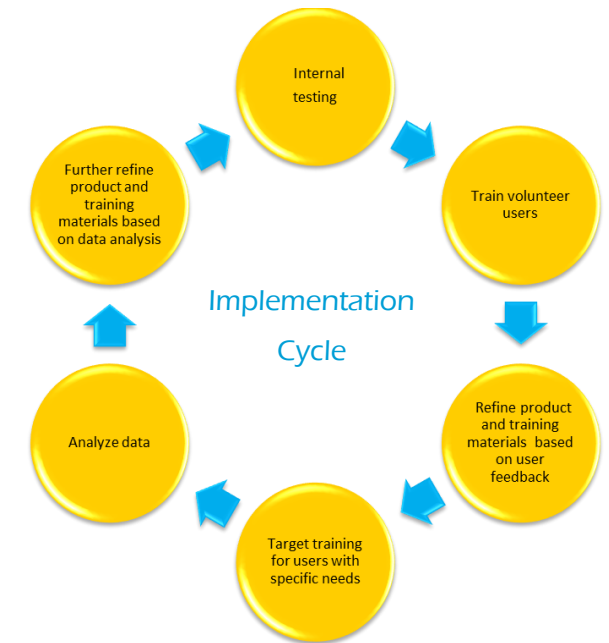


As of February 2014, 163 of Florida's approximate 442 hearing screeners have been trained to use the system.

Implementation:
Researched available web-based systems.

Secured funding.

Selected and worked with vendor to customize system.



Obstacles:

Server capacity originally underestimated, creating user lock-outs.

User comments could not be stored.

More training than expected was needed.

Trained users continued to fax.

Staff turnover led to multiple trainings.