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A Small Step to Improve Loss to Follow Up



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University of Michigan Background



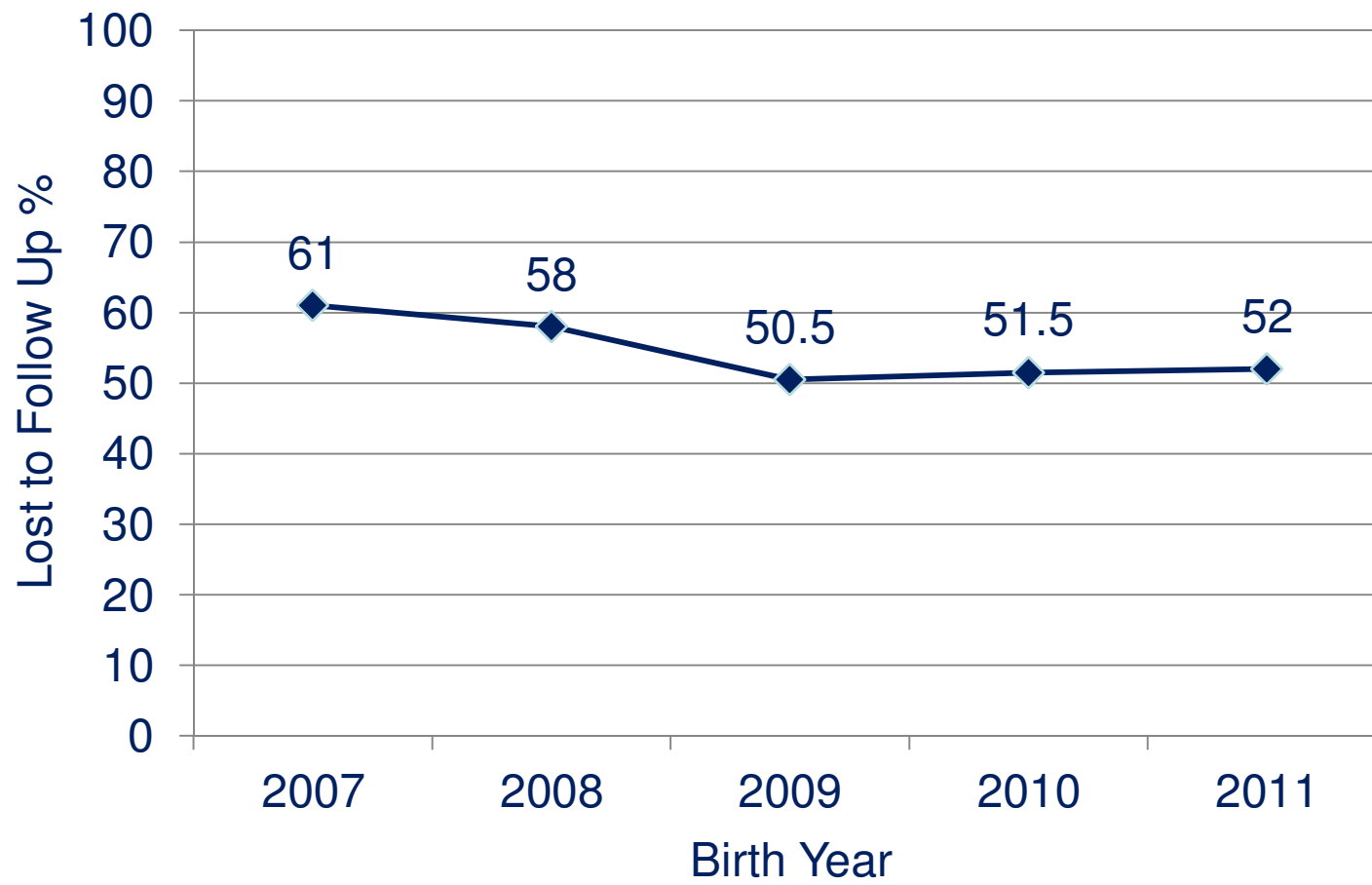
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- Tertiary care facility with Level III NICU
- Total number of births a year
 - 2012 = 4320
 - 2013 = 4593
- Supervised by audiologist (.4 FTE)
- 4 dedicated technicians, 7 days/week
- AABR only
- Once refer on newborn screen, we complete diagnostic ABR, no rescreen.

State of Michigan Loss to Follow Up



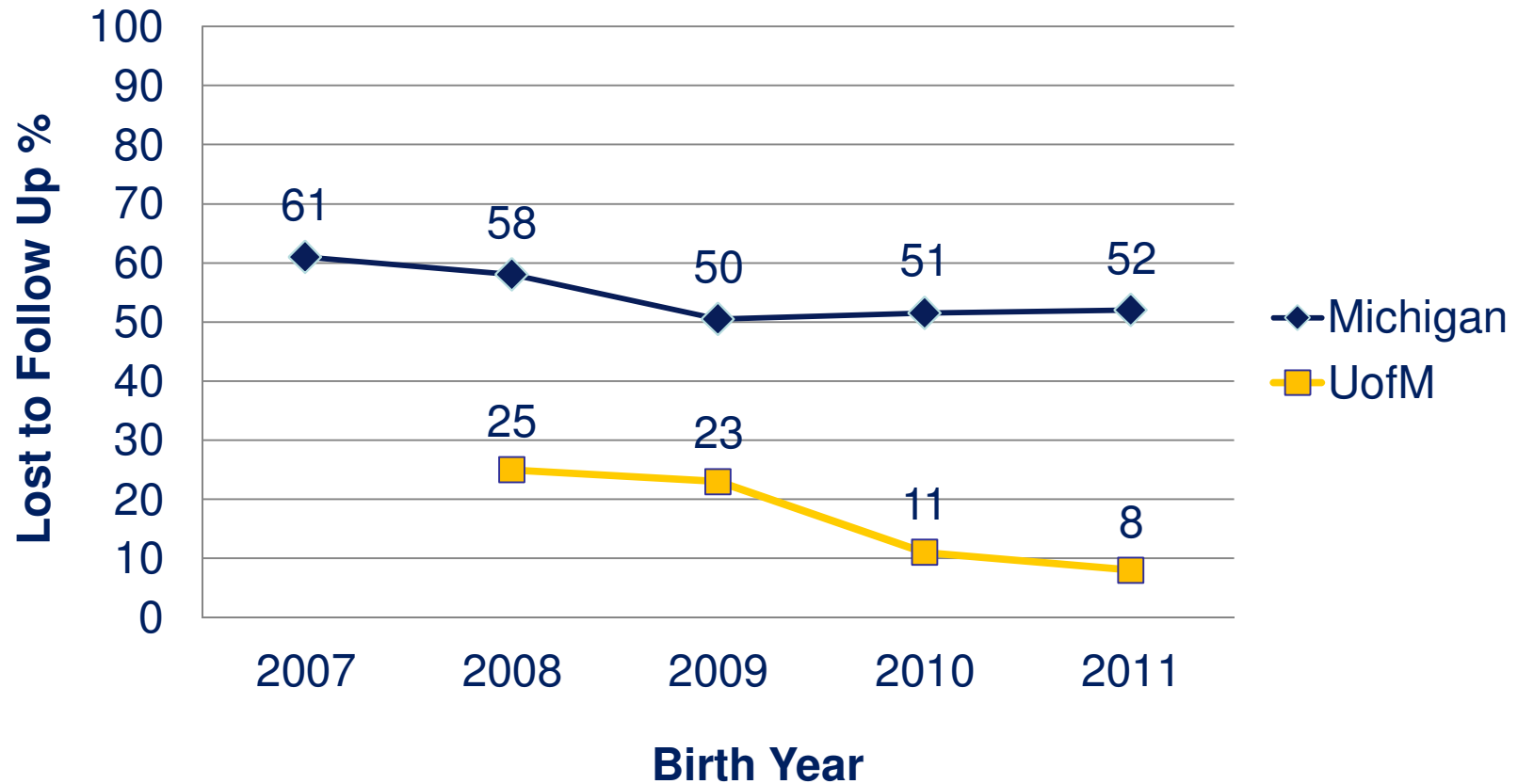
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University of Michigan Loss to Follow Up



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Steps in place to improve follow-up



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- The value of an experienced staff
 - 4 dedicated hearing screening techs
 - average years of experience = 7
- Techs review tracings to determine reliable results.
- The tracings are often reviewed by audiologists when questions arise.

Steps in place to improve follow-up



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- Prepared script when infant refers
- Schedule appt before family leaves hospital
- Reminder calls made week before next appointment is scheduled.

Steps in place to improve follow-up



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- If babies do not show for a diagnostic appt, a second attempt is made to contact the family to reschedule the appt.
- If do not show for the second appt, a letter is sent to the babies pediatrician and family explaining the importance of the testing and to call to schedule an appt.

Steps in place to improve follow-up



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- If no response from the letter, then the baby is declared lost to follow up.
- We will discontinue scheduling future appts and cease contacting families at this time.

Considerations



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- Could U of M Loss to Follow-Up numbers be artificially low?
 - Are infants choosing to have rescreen locally not receiving follow up?
 - How can we keep more babies at UofM or improve chance of testing locally?

The Small Step



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- For infants who refer and parents indicate desire to follow up locally
 - Provide list of Michigan EHDI-Approved Diagnostic Centers
 - Ask families to identify center closest to home

Michigan Infant Diagnostic Center List



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- 22 centers across the state
- Each center has completed application based upon Michigan EHDI Best Practice Guidelines.

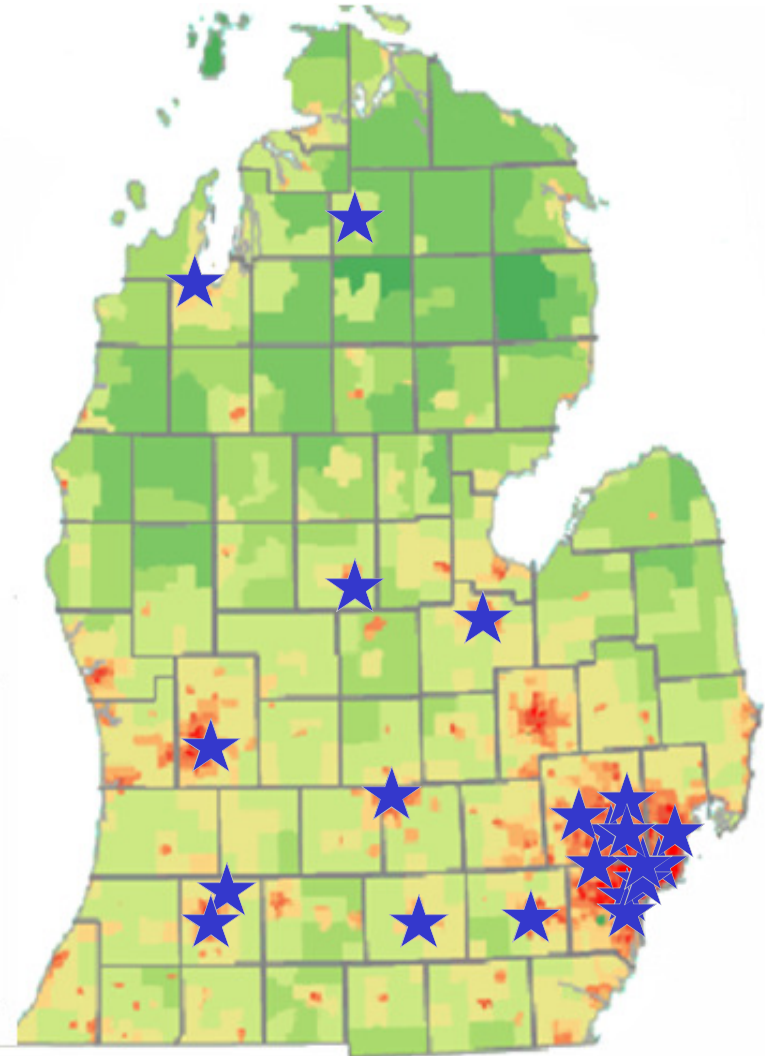
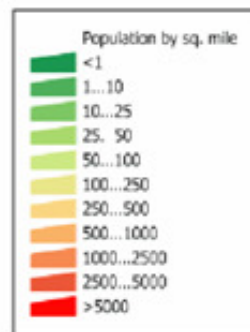
Will more families return to University of Michigan for follow up testing?



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- Diagnostic centers may not be as closely located to home as assumed by family

Source: U. S. Census Bureau
Census 2000 Summary File 1
population by census tract.



Groups to Evaluate



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- Group A (Control)
 - not given any information about diagnostic centers closer to their home.
 - born between 9/1/2012 – 4/30/2013
- Group B (Experimental)
 - was asked to choose a diagnostic center closer to their home, if not returning to UofM.
 - born between 5/1/2013 – 12/31/2013

Will more families return to University of Michigan for follow up testing?



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	Total Births	Total Refer	FU at home
Group A (Control)	2916	204 (6.9%)	21
Group B (Experimental)	3150	167 (5.3%)	12

Results



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- In this sample, providing information about approved diagnostic centers results in more families returning to University of Michigan for testing.
- Once families leave UofM do they follow up?

Does providing contact info improve follow up?



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- In Michigan, EHDI results and additional testing available through electronic immunization record system (MCIR)
- Completion of at least one follow up test was verified through MCIR.
- Information on use of ABR or OAE also collected.

Does providing contact info improve follow up?



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	Total Infants to FU at home	Follow Up Complete	No Follow Up
Group A (Control)	21	18 (86%)	3
Group B (Experimental)	12	8 (67%)	4

Summary



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- More families than expected returned for additional testing
- In this sample, providing contact information for diagnostic centers did not change how many families received follow up.

A new wrinkle...



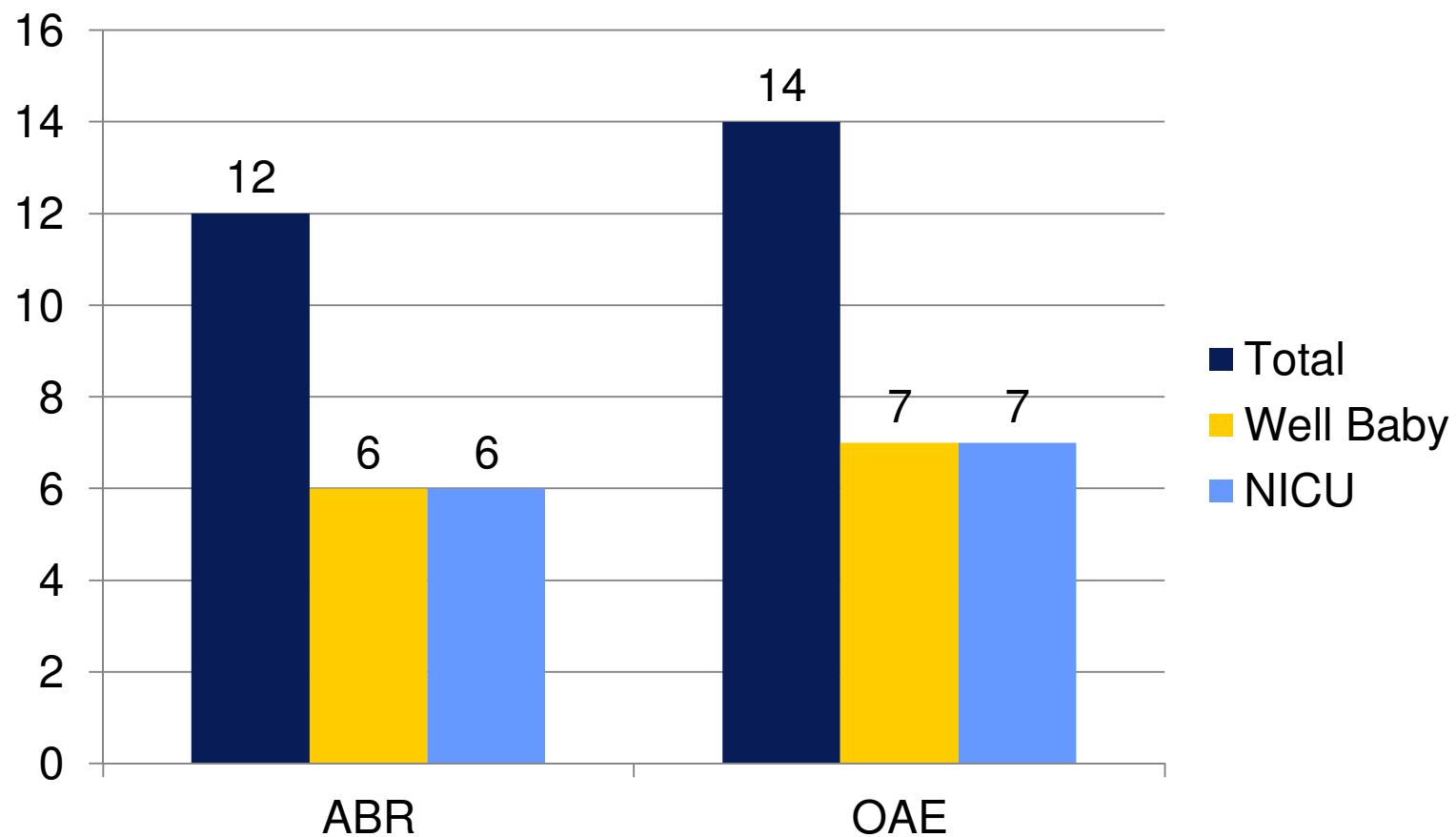
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- Type of technology used for additional testing collected.
- Review of all 26 infants who obtained follow up completed

Type of Test Completed



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Future Directions



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- Will continue to provide information on diagnostic centers to families interested in finding a local facility for further testing

Future Directions - NICU



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- For NICU babies, strongly recommend that families return to this facility
- Will include information on importance of ABR testing for those opting to not return to UofM

Questions?



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