

Oklahoma

Project title: Oklahoma Child Health Information System

Organization responsible: Oklahoma State Department of Health

Service coverage area: State of Oklahoma

Annual birth cohort: 50,000

Project scope and goals

The Oklahoma Child Health Information System is presently focused on integration of short-term follow-up newborn screening programs (hearing and metabolic), long-term follow-up newborn screening program, vital records, immunization, lead poisoning screening, and Public Health Oklahoma Client Information System (PHOCIS).

Funding

Grants from the Maternal and Child Health Bureau of the Health Resources and Services Administration (HRSA/MCHB) have funded integration of the newborn screening programs databases.

History

All program databases are integrated for newborn screening. A vital record match with the newborn screening program database is in progress. The next step is to integrate the immunization program database with the newborn screening program database and to achieve an integrated system for a child health record. This one-page summary would include newborn metabolic, hearing, and lead screening results as well as immunization status.

Executive leadership and organizational endorsements

The Family Health Services' newborn screening programs and Title V program, Vital Records, and Immunization Service endorse the child health record project. Efforts continue between the programs and Information Technology (IT) to discuss this project and the priority for implementation.

External endorsement

Oklahoma Genetics Advisory Council

Significant challenges

Funding and resources for implementation remain inadequate. Efforts to integrate program databases have been successful; achieving a child health information record, however, is more complex, has agency-wide impact, and involves areas outside the programs' areas of authority (i.e., multiple decision-makers and other IT projects that also require significant resources).

Contacts

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