Newborn Screening Data Indicators

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Indicators

- Indicators
  - Dried blood spot (DBS) screening rate
  - Pulse oximetry screening rate for critical congenital heart disease (CCHD)
  - Hearing screening rate

- Exclusions
  - Infants who died on DOB or the day after
  - Infants whose parents refused the screening
  - For CCHD only: infants who were echoed, on O2, or diagnosed before screening

- Data monthly by birth facility since Jan 2015
- Available online - “Statewide Quality Reports” [http://www.tn.gov/health/article/MCH-nbs-reports]
- Will be provided by each birth to TennCare
- Similar to reports of individuals sent currently to facilities

Newborn Screening Rates

Screens performed for date of birth range: 1/1/2016 - 12/31/2016

Number and percent of infants with screens performed (goal: 100%)

<table>
<thead>
<tr>
<th>Total Births</th>
<th>% with DBS</th>
<th>% with CCHD</th>
<th>% with Hearing</th>
</tr>
</thead>
<tbody>
<tr>
<td>95,562</td>
<td>99.8%</td>
<td>99.2%</td>
<td>99.1%</td>
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Next Steps

- Continue to update the statewide and hospital specific reports on monthly basis
- We are working with TennCare to determine the best way to share individual level data
- Continued quality improvement work around screening, time to diagnosis, and follow up
Contact Us

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