Every Baby Counts

- Initiated May 2015
- Received NewSTEPs 360 funding September 2015
  - Hospital Reports
  - Courier Expansion
  - Newborn Screening (NBS) Resource Guide
  - Site Visits/Workflow Analysis
  - NBS Lab Process Changes
Hospital Reports

- Transit Time Report
- Unsatisfactory Specimen Report
- Individualized Hospital Reports
Transit Time Report

7 Day Courier Service

5 Day Courier Service

August 2017: % Compliance Ranking of Hospitals with 7-Day Courier Service

August 2017: % Compliance Ranking of Hospitals with 5-Day Courier Service
Unsatisfactory Specimen Report

August 2017: Unsatisfactory Specimen Report
Low Volume Hospitals (Less than 751 Specimens per Year)

August 2017: Unsatisfactory Specimen Report
Medium Volume Hospitals (751-2499 Specimens per Year)

August 2017: Unsatisfactory Specimen Report
High Volume Hospitals (2500 or More Specimens per Year)
Individualized Hospital Report

Fake Regional Hospital
February 2018 Specimens

Summary Table

<table>
<thead>
<tr>
<th></th>
<th>Total Specimens</th>
<th>Unsatisfactory Specimens</th>
<th>Satisfactory Specimens</th>
<th>Missing Information</th>
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Unsatisfactory Specimens Reasons:
- 5
- 3
- 1

Congratulations! No Missing Information!

Birth to Collection Time Initial Specimens:
- NICU/Neonatal
  - Collection Time Guidelines:
    - 24 hours in 1 minute
    - Prior to transfusion
    - 3-7 days at the latest

Fake Memorial Hospital
February 2018 Specimens

Summary Table

<table>
<thead>
<tr>
<th></th>
<th>Total Specimens</th>
<th>Unsatisfactory Specimens</th>
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<td>Number</td>
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Unsatisfactory Specimens Reasons:
- 1

Missing Information Reasons:
- 3
- 2
- 1

Birth to Collection Time Initial Specimens:
- NICU/SA Neonatal
  - Collection Time Guidelines:
    - 24 hours in 1 minute
    - Prior to transfusion
    - 3-7 days at the latest

One specimen may have multiple unsatisfactory/missing reasons. Totals of pie charts may not match number of specimens in table above.
Courier Expansion

Oklahoma Birthing Hospitals by Courier Service Type

January 2015

- 7 Day Courier Service (n=18)
- 5 Day Courier Service (n=33)
 Courier Expansion

Oklahoma Birthing Hospitals by Courier Service Type

March 2017

▲ 7 Day Courier Service (n=40)
● 5 Day Courier Service (n=11)
Newborn Screening Resource Guide

• Model Policy
• Hospital Self Evaluation Form
• Collection Log
• Train-the-Trainer Resources
  – Education PowerPoint (NBS, Hearing Screening, Pulse Oximetry Screening)
  – Question Bank with answer key
  – Skills Checklist
  – Specimen Examples
  – CLSI Resources
Site Visits/Workflow Analysis
Transit Time Compliance

Percent of Initial Newborn Screening Specimens Received ≤ 48 Hours after Collection

Goal: >95%

Note: Transit time at start of Every Baby Counts Program was 35.87%
NBS Lab Process Changes

• Batch Close-Out
• Retesting Abnormal Specimens
• Demographic Entry
# NBS Lab Process Changes

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<tr>
<th>Date Difference</th>
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<tr>
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<td><strong>March (Prior to lab changes)</strong></td>
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Time-Critical Conditions for Initial Specimens

Presumptive Time Critical Specimens Reported Within 5 Days of Life

Goal: >95%
All Initial Results Reported Within 7 Days of Life

Goal: ≥95%
Questions/Comments

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