Newborn Screening
Pre-analytic Initiatives

Breakout Session May 21, 2015
2015 APHL Annual Conference
May 18-21, 2015
Indianapolis, IN
Agenda

• Electronic Birth Notification Proof of Concept Projects through APHL-CDC Cooperative Agreement (Moderator: Bin Chen, PhD, CDC)
  - Victoria Buchanan, MS, MPH: Implementing an Electronic Birth Notification System in Select Indiana Hospitals

• NewSTEPs Collaborative Improvement & Innovation Network (CoIIN) Pilot Projects (Moderator: Thalia Wood, MPH, APHL)
  - Erica Wright MS, CGC: Timeliness Activities in Support of Newborn Screening in Colorado
  - Linda Kincaid, BSN, RN: Timeliness Activities in Support of Newborn Screening in New Hampshire
A Simplified NBS Process Map

- **Hospital/Birthing Facility**
- **Specimen Collection**
  - Electronic Birth Notification
  - **State NBS Program**
  - **NBS Laboratory** (on-site/off-site PH/academic In-state/outside contractual)
- **Pediatrician/PCP**
  - **Unsatisfactory specimen**
  - **Negative Result**
  - **Presumptive Positive**
  - **NBS Follow-up**
NBS Electronic Birth Notification Projects

- **Improve NBS Program Capacity** - integrate birth notification with NBS specimen collection, submission, transport, process tracking to improve timeliness & quality

- **Proof of Concept** - document processes, challenges, barriers, successes, data and findings