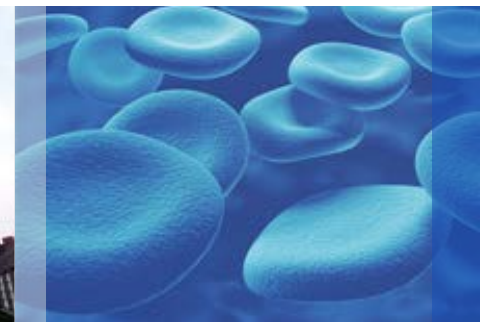


Cost Analysis Workgroup: Update

Alex R. Kemper, MD, MPH, MS

November 3, 2015





COST ANALYSIS WORKGROUP (CAWG)

CRW

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CONSUMERS

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John D. Thompson, PhD
Office of Newborn Screening/WA State DOH

Sylvia Mann, M.S., C.G.C.
HI DOH, Western St Gen Services Collaborative

HRSA

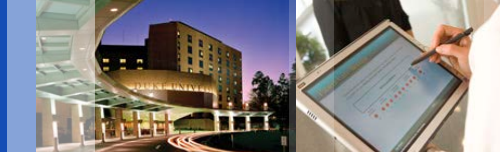
Joan A. Scott, M.S., C.G.C.
Genetic Services Branch, MCHB

Debi Sarkar, M.P.H.
Genetic Services Branch, MCHB



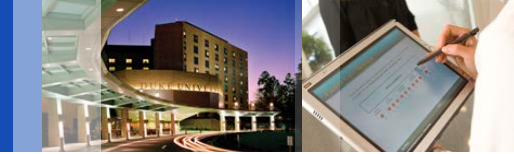
Charge

- To consider methods to assess the “cost of newborn screening expansion” as required by the newly reauthorized legislation
- Deliverable: Report with recommendation to the ACHDNC on how to incorporate cost assessment into the decision-making process



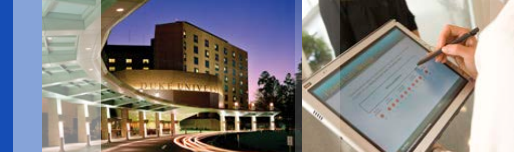
Constraint

- Condition review process in 9 months
- Keep in mind
 - *Lack of data*
 - *Complexity*



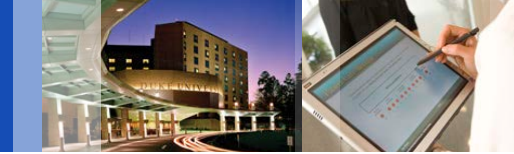
Topics to Address

- Objective
- Methods
 - *Feasible*
- Data
 - *Primary (critical)*
 - *Secondary (optional, depending on resources)*
- Use of the Findings
 - *Strengths*
 - *Gaps*



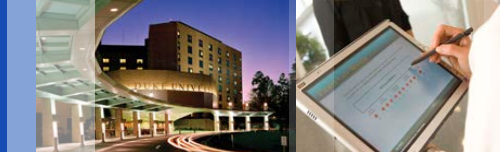
Approach

- Tailored Budget Impact Analysis
 - *Perspective*
 - Primary: State (Budget holder perspective)
 - Secondary: Societal (including families, health care providers, and public and private payers)
 - *Time Horizon – 2 years*
 - *Including costs related to screening through short-term follow-up*



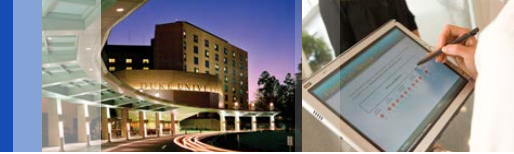
Approach

- Tailored Budget Impact Analysis
 - *Perspective*
 - Primary: State (Budget holder perspective)
 - Secondary: Societal (including families, health care providers, and public and private payers)
 - *Time Horizon – 2 years*
 - *Including costs related to screening through short-term follow-up*
- Laboratory costs are only a part of the story**



Cost Examples - Laboratory

- Equipment and reagents
- Installation and maintenance
- Space and utilities
- Staffing
- Laboratory information systems



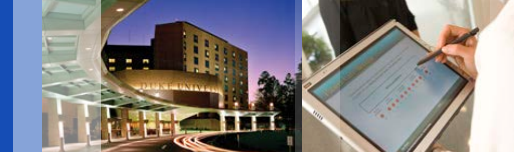
Cost Examples - Laboratory

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Kit vs. laboratory-developed test

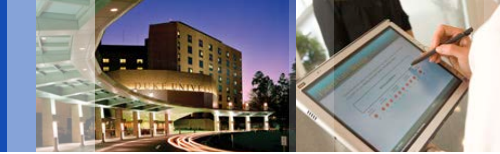
Unit prices vs. bundled packages

Purchase vs. Leasing/Service contracts



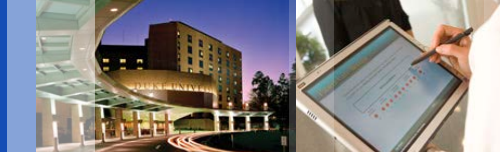
Cost Examples – Care Delivery

- Educational outreach
- Reporting
- Short-term follow-up and Diagnostic Confirmation
 - *Simplifying assumption – diagnostic confirmatory costs accrue to Medicaid*



Secondary List of Costs

- “Secondary” does not mean these are not important, just that the ability to collect valid data might be limited
- Examples include
 - *Costs to families*
 - *Costs to other payers*
 - *Perhaps evaluation of long-term costs*
- The final report will need to be clear about the degree to which these were obtained and included



State variation

- Birth rate
- Geographic/Regional Locale
- Existing laboratory facilities and personnel
- Laboratory Information Systems
- Use of outside labs
- Shared resources with other states
- Availability of and contracts with specialty centers
- Service contract specifics
- NBS funding structure



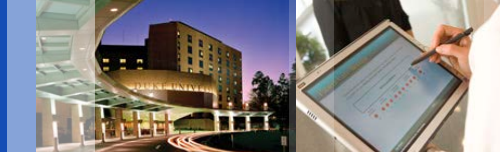
Sources of Data

- *State surveys or interviews with experienced NBS laboratorians*
- Vendors
- Existing data held by APHL or NewSteps360



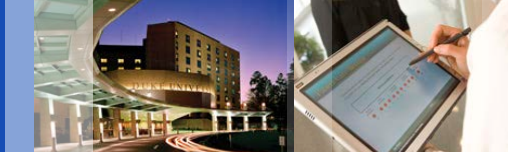
Use of Findings

- Helpful in developing recommendations regarding addition to the RUSP
- Also helpful to states in adoption



Next Steps

- Complete list of data elements
- Review methods within context of other CRW activities
- Draft methods
- Pre-test
 - ?X-ALD
- Timeline
 - *Initial Draft: December 15, 2015*
 - *Presentation at February 2016 meeting*



Questions?