Results From Linking Medicaid and Blood Lead Data – A National Perspective

Illinois State Laboratory vs. CDC's Blood Lead Laboratory Venous Measurements (ug/dL)
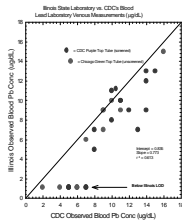
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CDC

National Report on the Results of Blood Lead and Medicaid Data Linkage

- **Purposes**
    - **To highlight the different approaches used by CLPPPs to link childhood blood lead data with childhood Medicaid data**
    - **To highlight the complexities, non-uniformity, strengths and limitations of such linkages**
    - **To report the results of such linkages and compare them with the remaining population**

CDC

Survey - Areas of Interest

- **Population group considered**
- **Definition of Medicaid population**
- **Matching methods**
- **Strengths**
- **Results**
- **Unique situations**

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Survey - Results

- Contacted 32 state, city and county programs
- Fifteen programs reported results
- Seventeen had no results at this time
- All programs reported Medicaid collaboration activity
- Methods used
- Tests and blood lead results

CDC

Respondents

- RI
- WI
- TX
- Chicago
- VA
- OK
- NH
- NC
- Detroit

- OH
- MO
- MN
- MI
- ME
- IA
- CT
- AL

CDC

Primary Population Group

- Birth cohort (n=6)

- Surveillance database (n=9)

- Medicaid claims data (n=2)

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Definition of Medicaid Group

- **Medicaid-eligible (n=5)**

- **Medicaid-enrolled (n=9)**

- **Both Medicaid-enrolled and eligible (n=1)**

- **Medicaid enrolled and receiving services (n=1)**

CDC

Matching Variables

- **F. name, L. name, D.O.B. (n=6)**

- **F. name, L. name, D.O.B., Address/County (n=3)**

- **F. name, L. name, D.O.B., County, Gender (n=1)**

- **F. name, L. name, D.O.B., Gender (n=2)**

- **No direct linkage – use average numbers (n=1)**

- **Handled outside of CLPPP (n=1)**

CDC

Chicago

CDC

Rhode Island

CDC

Minnesota

CDC

Oklahoma

CDC