

**MD DEPT OF THE ENVIRONMENT  
CHILDHOOD LEAD POISONING PREVENTION PROGRAM**

**MPH STUDENT PROJECTS ( one month, with analysis)**

**1. IS THE INTERVENTION WORKING?**

**Ownership and compliance status of residences of lead poisoned children**

(Where do lead poisoned children live? What proportion of children with elevated blood leads live in owner occupied or rental (State has control); and which of those units have previous lead treatments).

Data gathering: use databases and hard-copy case records to assemble data re rental/owneroccupied status of lead poisoned children's primary residence, and to assess compliance status of rental properties. Assist with development of data collection tool

Analysis: assess frequency of owner vs rental property, treated unit vs untreated unit, etc as relates to source of exposure

**2. HOW FAST ARE WE BETWEEN FINDING A POISONED CHILD AND HAVING THE HOME OR ISSUE TREATED? HOW CAN WE BE FASTER?**

**Timeliness of unit treatment and children's blood lead level trends**

Data gathering: use databases and hard-copy case records to assemble data re timelines of identification of EBL (elevated blood lead level), environmental investigation, orders for source control, compliance with orders, or referral to attorneys (local or state) for enforcement and child's blood lead level over time. Identify barriers to timely responses. Propose options to shorten unit treatment time.

Analysis: Assess relationship of timeliness and sustained EBL, compare to timeliness and sustained levels in other cities

**VOLUNTEER PROJECT (on-going, weekly or biweekly)**

**1. GETTING MD DATA INTO NATIONAL (CDC) DATABASE  
( ACCESS TO CLARION)**

**Data extracts re environmental investigation and treatment of housing units with lead poisoned children**

Data gathering and transfer: Volunteer would search and record information regarding the investigation and treatment of units associated with children with lead poisoning. Involves searching an ACCESS database and hard copy records, recording info, and entering data into STELLAR database for case mgmt.

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