

poster ABSTRACT



TITLE

Mercury in Fish Interstate Network (FIN)

THEME

Build a Sustainable National EPHT Network

KEYWORDS

mercury, metadata, trading partner agreements, data normalization

BACKGROUND

The Tulane University Center of Excellence for Environmental Public Health Tracking, along with several of its EPHT partners, has begun work to determine the feasibility of establishing a Mercury in Fish Interstate Network (Mercury FIN). Specifically, the Mercury FIN is intended to integrate routinely collected fish tissue data for EPHT purposes. The benefit will be two-fold. First, this effort provides the opportunity to determine the availability and condition of relevant data and the feasibility of using it in the EPHT framework. Second, it provides an opportunity to evaluate the implementation of products and processes developed by the Standards and Network Development workgroup and its subgroups.

OBJECTIVE(S)

The primary goal is to explore the availability and condition of data relevant to establishing a Mercury in Fish component of EPHT. A second goal is to evaluate products and processes developed by the Standards and Development Network workgroup.

METHOD(S)

A survey on fish tissue data and other mercury data sources was distributed to state partners. The responses to this survey provided information regarding the availability of this data, the condition of the data, and the availability of metadata. The next step in this evaluation is to utilize and evaluate the Trading Partner Agreement (TPA) template developed by the SND Data Sharing and Access subgroup. Additionally, the metadata template developed by the Metadata and Data Quality subgroup will be utilized to develop metadata for the datasets.

RESULT(S)

Issues relating to the integration of this data, as well as to the application of the SND products, will be reported.

DISCUSSION/RECOMMENDATION(S)

Through the establishment of the Mercury FIN, we hope to demonstrate ways to utilize data collected by multiple state agencies for environmental public health tracking. Subsequent phases of the study will include an assessment of data quality and application of data normalization tools.



AUTHOR(S)

Elizabeth Langlois, M.S.P.H.

Project Manager

Tulane University Center of Excellence for Environmental Public Health Tracking

Tulane School of Public Health and Tropical Medicine

1440 Canal St, Suite 800

New Orleans, LA 70112

504-988-6859

langlois@tulane.edu

Chuck Shorter, M.S.P.H.: shorter@tulane.edu

Amy Vinturella, Sc.D.: avinture@tulane.edu

LuAnn White, Ph.D., D.B.A.T.: lawhite@tulane.edu

