Title: **Environmental Health Tracking (EPHT) Network Architecture and Principles: A Work in Progress**

Keyword(s): Information Technology, Informatics, Environmental Health, Surveillance, Tracking, Network Architecture

Background:

The Standard and Network Development (SND) Network Architecture Subgroup is tasked to develop a conceptual network architecture for on-going environmental and health surveillance and data linkages including network functions (e.g., data entry, data mining, data flows/exchange, analysis, visualization, reporting). As a part of the subgroup activities, a conceptual EPHT Network Architecture Diagram and Principles have been created, which will provide a starting point for the development of EPHT Network and Standards.

Objective(s):

Develop a conceptual EPHT Network Architecture Diagram
Define and document the principles of the EPHT Standards and Network Development.

Method(s):

A bi-weekly conference call with members of the SND Network Architecture Subgroup was conducted with assistance of web conferencing to identify, discuss, visualize and document the network architecture diagram and principles.

Result(s):

A high level network architecture diagram and principles that provide critical background information for the SND Workgroup to define the network architecture and functions and the standards for environmental public health tracking.

Conclusion(s):

The value of having a well-defined network architecture diagram and principles will provide structured and flexible foundation for developing the EPHT Network in the future.

Evaluation

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