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Introduction

The goal of the Epidemiology Committee is to design, develop and implement analyses using the NPDN diagnostic record data as well as other data from other sources, to detect outbreaks at the earliest stage possible, whether intentionally introduced or not. Outbreaks may be local, state, regional or national events.

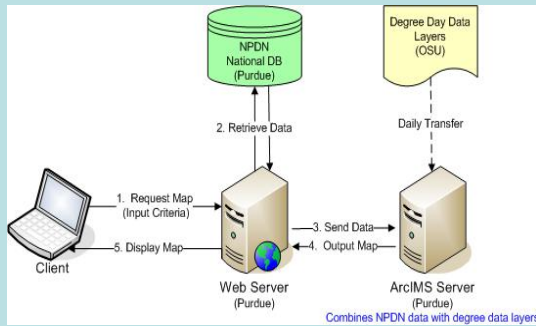
Accomplishments

The Epidemiology Committee has conducted analyses on legacy datasets to determine fields of interest. This knowledge has been used to define Phase 2 fields (see phase 2 poster).

A workshop of epidemiologists was held in 2003 to define anomalies and datasets needed to detect anomalies to determine what analyses need to be conducted.

Epidemiology Links
<http://pnwpest.org/cgi-bin/usmapmaker.pl>
<http://pnwpest.org/US/>
<http://npdn.ceris.purdue.edu>

Degree Day Overlay Developments



CERIS is integrating weather, transportation routes and other layers to be overlaid with diagnostic records, thus maintaining security of the data but allowing analysis with other types of data. In this example, data is ported from Oregon State University's degree day database to NPDN national repository.