



NESIIS Data Exchange

What Is It?

- Means of sharing data, electronically, between clinics state-wide

Why Do It?

- Eliminate double-entry of immunizations
- Access to other data (helping create complete immunization records)
- Helps Meet “Meaningful Use” policies now mandated
- Helps meet HITECH requirements



Costs:

- Clinics should reach out to their EMR provider or IT support to assess cost for pulling data
- The State does not charge for its part in providing this service

Types of Exchange:

Flat File:

- Uni-directional (batch load)
- Can transfer smaller amounts of data than HL7 and is less flexible in terms of what can be stored
- Method of loading**
 - Data is pulled by the clinic and stored in a file on their local server, then
 - Manual upload of file by the clinic via NESIIS interface

HL7:

- Uni-directional (batch load) or Bi-Directional (real-time); **we use v2.4**
- Methods of loading:**
 - Manual** (uni-directional)
 - Data is pulled by the clinic and stored on their local server
 - Manual Upload of file by the clinic via NESIIS interface
 - Automatic** (bi-directional, real-time, PHINMS)
 - Data is pulled and stored by the clinic on their local server or on EMR provider server
 - Transfer occurs via a secure messaging system called PHINMS, which can be installed either locally (expected) or at the EMR provider site
 - Allows for auto transfer of NESIIS data to the clinic’s EMR

What is PHINMS? (we use v2.5)

- Developed by CDC
- Free download; simply requires server space and IT understanding of protocol
- State will help with testing between client and State PHINMS servers