

Steps to Sharing With NESIIS

The process for sharing data electronically with NESIIS is as follows:

1. Provider site or vendor contacts NESIIS Help Desk indicating interest in data exchange. E-mail & phone number are at the bottom of this page.
2. NESIIS Help Desk determines contact info of responsible person, then e-mails data exchange specs the extract will have to match. **Note: HL7 version is 2.3.1/2.4 (2.4 is used as the version number for real-time data exchange, via PHINMS; it is technically 2.3.1); HL7 2.5.1 will be implemented in 2012.**
3. Person responsible for implementation is then provided the following steps to successfully getting data into the NESIIS Production environment:
 1. Help Desk will provide vendor with required Org Code and values for batch or message segments (BHS-4, FHS-4, MSH-4 & BHS-6, FHS-6, MSH-6).
 2. Vendor should submit CVX/CPT codes table to NESIIS Help Desk for accuracy review.
 3. Initial test message can be a batched or individual file and should be fake data, e-mailed directly to Help Desk.
 4. Help Desk will review file for possible errors, then test through manual data exchange into Testing environment of NESIIS.
 5. Feedback on test file, including screen capture of NESIIS-generated response and text response file NESIIS creates is e-mailed to vendor.
 1. If test file was individual and was fine, vendor will be asked to create batch file showing minimum 15-20 records to show variety of data typically extracted. This is to assure that when Production data exchange is enabled, data quality is not compromised.
 2. If test file needs adjustments, vendor will correct and re-submit file(s) for testing until satisfactory results are reached.
 6. Upon completion of base testing, testing via PHINMS connection will be initiated. Clients typically install PHINMS local to their site and State of NE assists fully in configuration and setup at no cost. Server software is also free.
 1. Upon PHINMS setup, testing using fake data in either batched or individual records is performed to assure links are working.
 7. Upon successful completion of PHINMS testing with fake data, Production PHINMS data exchange is turned on and allowed. Vendors and clients who complete successful testing via PHINMS for data exchange are expected to begin submitting Production data shortly after completion. This is to maintain integrity of the process and time undertaken to this point to assure successful data exchange. Re-visiting the process at a later time would cause unnecessary need for extra time spent getting the exchange working again as, due to possible vendor or client software changes, original setup could become compromised.
 8. DHHS will then request a historical load of data from the vendor for loading into NESIIS. The purpose of this is to provide as complete a record as possible for other providers, parents and school nurses who access the information daily.

Contact Info: dhhs.nesiis@nebraska.gov or 1-888-433-2510

PHINMS

What Is It?

- Public Health Information Network Messaging System (PHINMS)
- Developed by the CDC, it's free and in use as the primary data transport protocol for all Wisconsin-based immunization information systems (IIS), of which there are approximately 20 at the present time.

Why Do It?

- Right now this is the only communication method available to automatically submit HL7 data to NESIIS

Is Another Service Going to Be Available?

- Yes. In 2012 NESIIS will be enhanced to accept data through another protocol which is likely to be determined based on EHR vendor popularity.

Normal Steps in Setup:

1. Determination of who is responsible for install (vendor or site)
2. DHHS e-mails contacts on State of Nebraska team who support PHINMS
3. State team member responds to client with an e-mail, then follows up with testing and configuration, even providing configuration files if needed. Below is standard text used:

[Name of Contact},

You will need to install PHINMS software for sending us data. Below are the PHINMS download instructions.

You can download the PHINMS client software from the following site. Please let me know if you have problems downloading.

https://dhhs-nedss.ne.gov/PHINMS-2.8.01_SP1-install.exe

It will ask you for a party ID and domain name during the install. You can use the following for this:

PartyId: phinms.[org-specific naming info].org

Domain: [org-specific domain info created].org

Once you install it, you can login to the PHINMS console (Start > All Programs > PHINMS_2.8.01 > PHINMS Console) using:

UserID: system

Pwd: Phinms123

Once you have it installed, let me know, and I'll send some configuration instructions to connect it to our receiver.

Please let me know if you have any questions or concerns.

4. Once this is complete, DHHS configures NESIIS to accept PHINMS connections into the Testing environment for this client & advises vendor to drop an extract into the PHINMS test folder.
5. Once the test is confirmed positive, vendor & client are notified a move to Production is allowed, where they will now need to push extracts to the Live PHINMS folder, & DHHS configures Production environment to accept PHINMS connections for this client.

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