

NJIIS, Then, Now and Coming Soon

Patricia Kaiser,
NJIIS Program Coordinator, Recruiter/Trainer
Central Jersey Family Health Consortium
Catherine Byrne,
Administrative Analyst II
New Jersey Department of Health



New Jersey Immunization Information System (NJIIS)

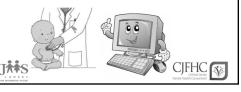
- NJIIS is the official State Immunization Registry
- Operational since 1997/web based 2002
 - NJIIS 2.0 launched January 31, 2018
- · Currently over 4 million patient records
- · Approximately 60 million doses of vaccine
- State mandated December 31, 2011
 - Any/all vaccines administered to patients less than 7 years of age must be entered into NJIIS within 30 days.



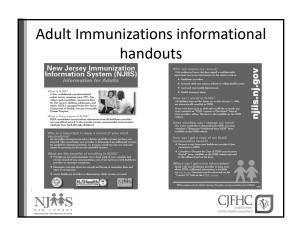


Who is in NJIIS, and how do they get there???

- Children born in NJ birthing hospitals entered through the Vital Information Platform (VIP)
- Medical facilities
- · Any provider immunizing patients





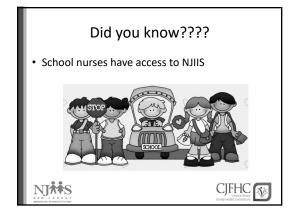


How do immunizations get entered?

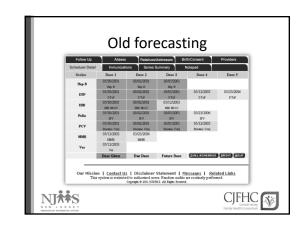
- Medical facilities immunizing patients can enter vaccines manually
 - Manual data entry, staff need face to face training
- Medical facilities with an Electronic Health System (EHR) can interface with NJIIS











Why update a system?

- Provider feedback
- User group recommendations
- Outdated technology
- BETA testing





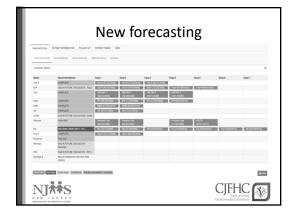


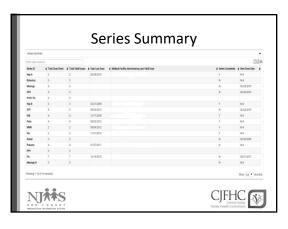
What can be viewed by Medical Facilities

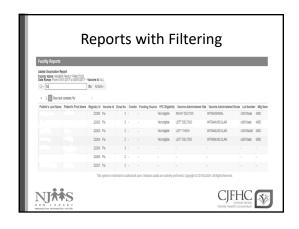
- Vaccines administered and entered into NJIIS
 - NJIIS will project when the next doses are due
 - The vaccine forecasting tool is in line with the latest ACIP recommendations.
 - Shows when series of vaccines are complete
- Lead test results
- Hearing screening results
 - Follow up by Audiological facilities



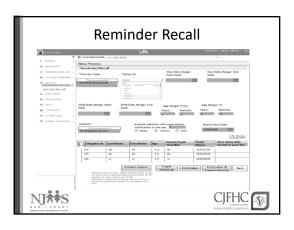








The Future • Additional reports • Enhancements to Support Interoperability WHAT'S NEXT?



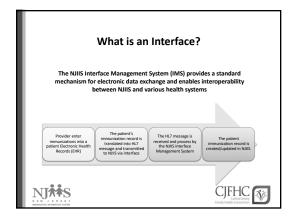
Interoperability

- You have an Electronic Health Record (EHR) system in your office
- You have NJIIS, where you can enter the doses administered to your patients
- How can they talk to each other?????

NJ#S







Why interface with NJIIS?

- Provides access to a child's complete and accurate immunization history
- Reduces paperwork and staff time spent obtaining records and responding to record requests
- Interfacing enhances the overall data quality in the Registry by helping to improve timeliness for reporting immunizations and by providing more complete and accurate patient immunization records that are consistent with provider EHR systems



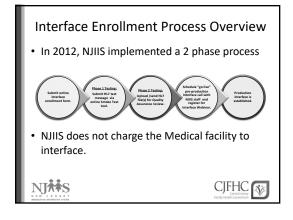


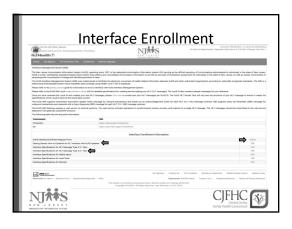
Establishing an HL7 Interface

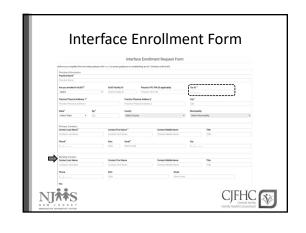
- NJIIS currently supports HL7 version 2.5.1.
- EHR systems can interface with NJIIS through one of the following three interface types:
- The File Upload option allows providers to log onto the NJIIS website and manually upload their batch HL7 files.
- The Secure File Transfer Protocol, or SFTP, interface type is a method of batching and transmitting HL7 files to NJIIS through a secure, encrypted automated service on scheduled intervals.
- Finally, Web Service/Real-time Messaging occurs where an immunization is entered into a provider's EHR and is directly sent to NJIIS at the same time. This method is considered the "gold standard" for reporting immunizations via interface.













Phase 2: Quality Assurance

- Send 30 days of production (real) data to NJIIS test site
- SFTP and File Upload providers will upload (1) batch file with 30 days of data to NJIIS test site
- Web Service providers will send individual messages to NJIIS test site
- NJIIS staff will review the data and identify any critical and non-critical errors





Pre-Production Call

 NJIIS staff members review best practices with the facility and EHR vendor before the interface is established

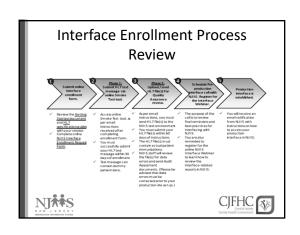
After successfully completing both phases

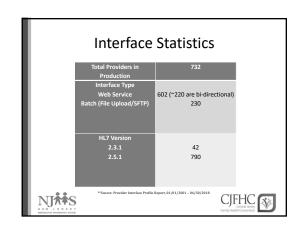


 Please ensure that <u>at least</u> one employee from your practice registers to take the NJIIS Interface Webinar

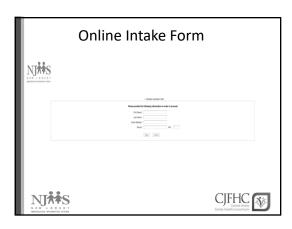














In conclusion

- NJIIS is the official State Immunization Registry
- It is State mandate that providers must enter all doses of vaccine administered to patients less than 7 years of age within 30 days (December 31, 2011)
- Patients born prior to 1998 must consent to be part of NJIIS
- NJIIS is not only for children, it is a life span registry





In conclusion

- If your office has an EHR, it can interface with NJIIS after passing our two phase testing process
- With feedback from our Stakeholders, NJIIS is continuing to improve the Registry to better assist Medical Facilities.





