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NYSIIS Update

Presented July 23, 2012


 Vaccine Preventable Diseases:
Policy, Practice, Preparedness 

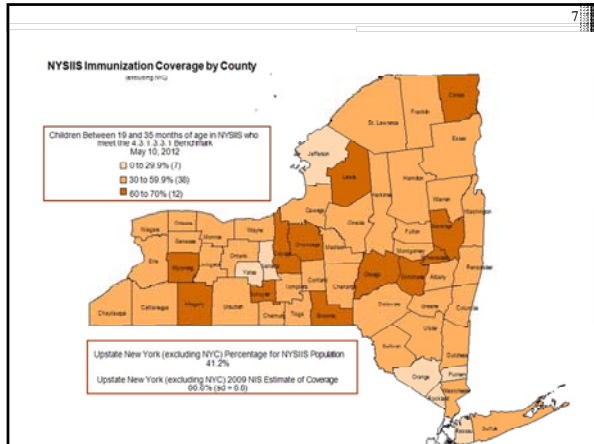
Provider Participation



NYSIIS Numbers

- As of July 1, 2012:
 - 4.1 million patients
 - 52.5 million immunizations
 - 1.4 million blood lead tests
 - 12,364 individual users
 - 3,360 health care provider practices
 - 1,161 pharmacies, 21 health plans
 - 2,406 schools
- 87.7% of NYS children (outside of NYC) less than 6 years of age have 2 or more immunizations in NYSIIS





Technical Activities



Electronic Data Exchange - Practices

- 62 vendors serving 710 practices are 'live.'
(18 vendors are in the data exchange set up process.)
 - Format: 19 HL-7 v2.3.1, 37 flat file, 6 both
 - System type: 49 EHRs, 8 billing, 3 both
- An additional 142 practices are using in-house or "home grown" systems.
- Although "only" 27% of our practices submit using data exchange, nearly 55% of all incoming data are from data exchanging practices.
- A complete list of vendors currently working with NYSIIS is available on the NYSDOH public web site at:
http://www.health.ny.gov/prevention/immunization/information_system/providers/data_exchange_information/

Electronic Data Exchange - Other

- Health Plans – 21 participating, 13 successfully using batch data query
 - NYSDOH-OHIP, Aetna, CDPHP, Cigna, Emblem Health, Empire BC/BS, Excellus BC/BS, Fidelis Care, HealthNow, Hudson Health, Humana, Monroe Plan, MVP
- NYCIR– exchanging data based on patient address
- Inter-state data sharing – MOU is in signatory process with NYC, NJ and PA

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Outbound files (NYSIIS to Provider)

- Organizational Extract – A file can be extracted that contains information on all patients associated with the practice. May assist providers who are manually using NYSIIS “seed” a new EHR.
- Update file – A file can be returned to the provider that is currently data exchanging that contains any updates to patients associated with the practice.

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Program Linkages



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NYSIIS Enhancement

- Blood Lead Poisoning Prevention Program
 - Ability to view and report childhood blood lead screening test results in NYSIIS

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Child Health Information Integration (CHI²)

- Immunization Bi-directional Information Exchange (IBIE)
 - Working to connect NYSIIS to the Universal Public Health Node (UPHN) to facilitate health information exchange (HIE) with RHIOs and participating providers
- Early Hearing Detection and Intervention (EHDI)
 - Focused collaborative effort for integration of newborn hearing screening data

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CDMS

- CDMS team completes file transfer (to NYSIIS) and follow up activities for all POD immunizations on behalf of the local health departments.
- For 2011-2012:
 - 146 children
 - 4,181 adults

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New CDC Grants

- Prevention and Public Health Fund (PPHF): Capacity Building Assistance to Strengthen Public Health Immunization Infrastructure and Performance
 - Part I: Enhancing Immunization Information Systems (IIS):
 - Program Area 1: Enhance interoperability between electronic health records (EHRs) and immunization information system (IIS) and reception of Health Level 7 (HL7) standard messages into IIS.
 - Program Area 2: Develop a vaccine ordering module in an IIS that interfaces with CDC's VTrckS vaccine ordering and management system.
 - Program Area 4: Implement strategic plans for billing for immunization services in health department clinics.

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CDC 2D Bar Coding Pilot Project

- New York State is participating in a CDC pilot project to assess challenges and determine best practices for labeling and tracking selected vaccines using 2D barcodes. Project will evaluate and document the impact on manufacturers, immunizers, and reporting systems.
 - Targeting 1-3 manufacturers, 10 states/grantees, 300 immunizers
 - Duration: August 2012 – March 2013
 - Immunizers will receive scanning devices, software support and training.
- Additional information:
2Dbarcodepilotinfo@cdc.gov


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Collaboration with University of Rochester - OASIS STUDY

- OASIS (Optimizing Application and Support of Immunization Systems) Study
 - Evaluate how practices use NYSIIS and other electronic systems in their immunization efforts and to assist in expanding those efforts.
 - Funded by CDC
 - Study team of pediatricians, family physicians and researchers.
 - Online Survey distributed to a sample of NYSIIS Administrative Users

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Training, Communication and Outreach



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Current Training Plan

- Continued targeted outreach and support
- Focus on compliance
- Increased availability of onsite trainings and org-specific webinars
- Webinars (live and recorded)
- Online Self-Guided Tutorials
- Ask The Trainer Webinar (Focused topics)
- User Manual

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**NYSIIS ACCESS:
EDUCATIONAL INSTITUTIONS**

- Colleges & Universities
 - Outreach & Training Efforts
 - Recorded Webinar Training Available
- Schools
 - Proactive Outreach & Training Efforts
 - Recorded Webinar Training Available

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WEBINARS

- Register at: <http://nysdoh.webex.com>
- Live instructor led sessions 2 per month.
- Previously recorded sessions available on demand.
 - Standard User
 - Combined Standard/Administrator User
 - Administrative User Only
 - Advanced Reports
 - AFIX-CoCASA
 - School Access User (read-only)
 - Standard User for Pharmacy
 - Health Insurance Plans (patient search/read only)
 - NYSIIS-Lead Training
 - Standard User for Data Exchange
 - NYSIIS College and University
 - NYSIIS Inventory – Deleting Expired Inventory
 - Finding Patients Due for the 5th Dose of Prevnar 13

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COMMUNICATIONS

- NYSIIS application announcements and blast email distributions
- Important vaccine specific and general immunization related information
- Maintenance/outage notices
- Training/user group reminders
- NYSIIS tips of the month


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User Group Meetings

- Opportunity to update current users on implementation and enhancement activities, share some tips and tricks for using specific features, and provide a forum for new and veteran users to discuss successes and challenges.
 - Six 1/2 day sessions held across the state twice per year (Spring and Summer).
 - Plenary and breakout sessions
 - 400-500 participants each round

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NYSIIS Features



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Core Functions

- Manage Patients/Immunizations
- Reports
 - Ad Hoc Reports (Count & List) – Custom reports
 - Benchmark Report
 - Assessment Report – Analysis of immunization status
 - Reminder Recall
 - Custom Letters
 - CoCasa Extract
 - VFC Report (Doses Administered)
- Manage Inventory
- Manage Schools/Clinicians/Physicians
- Manage Lead


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H1N1 Enhancement

- Countermeasure and Response Administration Module (CRA)
 - In the event of a public health emergency, NYSIIS may be used to track the administration of vaccine.
 - Organizations selected for an event will have the CRA Event Information section displayed below the Patient Information section of the demographic screen. The CRA Event Information section is used to collect Public Health data during a pandemic response event or preparedness exercise.

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Q & A



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