

CDC Pre-Event Vaccination System Overview

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Items for Discussion

- Functional needs for vaccine administration support
- Setting for Pre-Event Vaccination System (PVS)
- System Overview
 - Application Modules
 - Pre-Defined Reports
 - System Access Authentication
- CDC Data Import Requirements
- Questions?

Vaccine Administration Functional Needs (Developed in conjunction with clinic modeling)

- Organization Information Management
 - Identification of Individual Clinics within Public Health Entity
- Vaccine/Diluent Batch Management
 - Vaccine and Diluent Manufacturer Information
 - Vaccine and Diluent Lot Information
 - Diluent Strength
 - Reconstitution Date
- Patient Information
 - Demographics
 - Contact Information

What is PVS?

- A vaccine administration support system
- Manages vaccine administration, lot and diluent usage, take tracking
- Initially designed to support administration of IND vaccine
- Developed under a very short time period for implementation
- Provides one part of the total solution for managing pre-event vaccination
- May be other solution elements, including registries, adverse events hotlines, case management, and surveillance data analysis and reporting
- Provides Web-based system to clinics, at no cost
- Manages secure data transmission and storage
- Provides pre-defined reports required for evaluation and monitoring of clinics
- Provides secure data views for ad-hoc reporting

PVS Overview

- Administration and Management
 - Clinic contact information
 - User roles and security
 - Digital certificate management (authentication)
- Vaccine/Diluent Batch Management
 - Vaccine and diluent lot management through National Pharmaceutical Stockpile
- Patient Management
 - Patient Demographics
 - Vaccination history
 - Current Vaccination
 - Take Response

PVS Overview (cont.)

- Pre-Defined Reports
 - Clinic Daily Activity Log
 - Vaccinations by Lot
 - Take Response Callback List
 - History Form Batch Information Block
 - Public Health Reports
 - Referring Organization Summary
 - Response Team Contact List
 - Residence Totals
- System Access Authentication
 - SDN logon and authentication
 - Application logon and authentication

CDC Data Import Requirements

- For use by states not using PVS
- Data exchange required for monitoring program nationally
- States must transmit one extract per day
- XML-based format for extract transmission to specified repository provided by CDC
- States will utilize and return Patient Vaccination Numbers (PVNs) supplied by CDC or equivalents
- Unique patient and clinic identifiers, generated to specific standards, will be used for all records