New York’s
Citywide Immunization Registry (CIR):

An Introduction to the CIR and Online Registry

NYC Department of Health & Mental Hygiene
May 2007
Overview of presentation

- Immunization registries
- New York Citywide Immunization Registry (CIR)
- CIR Access
- Online Registry features
What are Immunization Registries?

- Databases which contain children’s records with immunizations administered by providers in a certain geographical area, usually population-based
- Aggregate immunizations given over different visits and often by different providers into one record
- Usually maintained by state or local health departments
- Used by providers as a clinical record aid and for decision support
- Used by health departments as a public health tool to aid surveillance and activities, such as emergency preparedness
How do Registries help improve immunization coverage & practice?

68.9% coverage rate for 4:3:1:3:3:1 for NYC (NIS Q2/05-Q2/06)

**Barriers**

- 1 in 4 children visit more than 1 provider before the age of 2
- Records can be incomplete or unavailable
- Missed opportunities, over-immunizing
- Immunization schedule is complex and often changes

**Solutions**

- Make consolidated, centralized immunization records available at time of visit
- Provide decision support—recommend when vaccines are due
- Measure vaccination coverage levels
- Offer reminder/recall functionality for the providers, health plans, other agencies
1993:

- CDC provided planning grants to develop immunization registries in every state.

As of 2005:

- 52 states and cities have registries
- 56% of children < 6 years have 2 or more immunizations in a registry
  - Healthy People 2010 objective: 95%
  - NYC CIR is at ~85%
NYC Health Code requires reporting to CIR by all immunizing providers:

- 1997: children < 8 years of age
- 2005: children and adolescents < 19 years of age
- > 1,600 pediatric provider facilities and offices
- ~75% report regularly

Reporting methods: electronic files, paper, on-line
Birth certificates loaded weekly (~2,400/wk)
Integrated with Lead Registry
3 million children’s records; 28 million immunizations
Number of immunizations added to CIR for children < 8 years of age

- **1998**: 2,311,722
- **1999**: 1,438,987
- **2000**: 1,322,762
- **2001**: 1,869,800
- **2002**: 1,926,219
- **2003**: 2,042,668
- **2004**: 2,271,772
- **2005**: 2,396,172
- **2006**: 4,097,434

Legend:
- **Series**
- **Pneumo**
- **Other**
CIR access for providers and other agencies

- telephone or fax in a request to CIR:
  - CIR staff looks up records and sends via fax to provider’s office (~2,500 requests/mo.)

- use Online Registry - on your own, 24/7:
  - look-up immunization records, report, and view lead test histories (~45,000 requests/mo.)
  - print or fax an official record for provider or public
  - print pre-completed WIC, 211S, After-school/Day camp forms, Day Care
CIR collaboration with CMHs and EHR

~35 Community Health Centers or FQHC groups

Current: Immunization extract file from EPIC, following CIR UPIF specifications (electronic batch file reporting)

Plan: Build Real-time, bilateral communication between CIR and electronic health records (EHRs) - eCW, EPIC, other EHRs
CIR as a conduit to report to VAERS

Step 1: Choose patient from MyList, Search or Add New Patient
Step 2: Choose vaccine date
CIR as a conduit to report to VAERS

Step 3: Complete Online Registry VAERS form, precompleted with Patient Demographic and immunization information

Upon completion, VAERS form transmitted via fax to CDC
CIR role in an emergency: capturing pandemic flu shots

Tab is active only during an emergency.
Internet-accessible registry benefits

- Internet applications provide:
  - increased accessibility, 24/7
    - easier access for users in networked environments
  - almost instant gratification
    - requires users to contact CIR for User ID and Password, but no other set-up necessary
  - lower resource utilization
    - nothing to set up, therefore no site visit required
Online Registry Use: 2002 to date

- **MCI deployment - improved deduplication algorithm**
- **PCS user interface overhaul**
- **First VFC letter mailed**
- **New PCS with VFC and 211S**
- **Health code amendment**
- **Second VFC letter with #s mailed**
- **CIR based DAR went into effect**
CIR access for parents, legal guardians and custodians

Short, signed application required to obtain a record:

- telephone to request a Parent/Guardian Request for Immunization Record Application (212-676-2323)
- download application forms from nyc.gov/health/cir (no Online Registry)
Future Enhancements to Online Registry

- Real-time bilateral communication with provider EHRs
- Forecast adolescent, adult immunizations
- Report adverse events to VAERS
- Capture emergency pandemic flu shots
- Recall patients not up-to-date
- Order VFC vaccine, manage inventory
- Feedback reports: site profiles, reporting activity, coverage profile
- “Read-Only” access for non-clinical users
Online Registry Demo

www.nyc.gov/health/cir
CIR Information Website Homepage:

Welcome to the New York Citywide Immunization Registry (CIR)! The CIR keeps immunization records for New York City's children.

Our Mission: To improve the immunization status of all NYC children by consolidating immunization information and sharing it with health care providers, families, and agencies concerned with children's health.

For information and immunization records, call 212-676-2323.

More information about the CIR

"Healthy Children, Right From the Start!"

Last updated on 09/16/2004
Patient List (MyList):

Search to retrieve a patient record

<table>
<thead>
<tr>
<th>Remove</th>
<th>Status</th>
<th>Last/First</th>
<th>Gender</th>
<th>DOB</th>
<th>CIR</th>
<th>Last Accessed</th>
</tr>
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<tbody>
<tr>
<td></td>
<td></td>
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<tr>
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<td>05/01/2007</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>05/01/2007</td>
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<tr>
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<td>11/28/2002</td>
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<tr>
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<td>F</td>
<td>02/13/1985</td>
<td>53010524</td>
<td>05/01/2007</td>
</tr>
<tr>
<td></td>
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<td>Nkwocha, Wisdom</td>
<td>M</td>
<td>03/28/2004</td>
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<td>395774436</td>
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<td>04/15/2000</td>
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<td>05/01/2007</td>
</tr>
<tr>
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<td></td>
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<td>F</td>
<td>01/20/2003</td>
<td>234514124</td>
<td>05/01/2007</td>
</tr>
</tbody>
</table>

1-10 of 974 records
### MyList: Choose a patient on list

Each time someone at CITYWIDE IMMUNIZATION REGISTRY finds a patient using the Search options, that child's name is added to the list below.

- **To View Record**, click on a patient's name.
- **To Remove from List**, check on one or more boxes and click the "Remove" button at the bottom of the page. (The selected patients will no longer appear on this page. They will not be deleted from the Registry.)

#### Patient list can be sorted by:
- Review Status
- Name
- Gender
- DOB
- CIR number
- Date Last Accessed

#### Search MyList
- Letters of last name...
- Go

#### View MyList
- Show patients accessed...
- Show page...
- Jump to...
- Ever
- 10
- --
- Go

<table>
<thead>
<tr>
<th>Remove</th>
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1-10 of 974 records
Immunization and Lead Test Records:

- **Footnotes:**
  - Footnotes are typically used to provide additional information that is not essential to the main content but is helpful for further understanding.
  - Footnotes may include references, explanations, or clarifications that are not included in the main text.

- **Lead test recommendations:**
  - These recommendations are likely based on the BLL (Blood Lead Level) results, indicating the need for further action.

- **Immunization recommendations:**
  - A lead test recommendation is to obtain blood lead test results before age 2 and annually until age 7.
  - Lead test results should be communicated to the local health department, and BLLs should be reassessed if the patient moves to another community.

- **Footnotes:**
  - This immunization event occurred prior to the recommended age or recommended interval for this dose.
  - This immunization event occurred less than 30 days after the administration of another live virus vaccine.

- **View Immunization and Lead Test Records:**
  - This section likely provides a platform for viewing and managing immunization and lead test records.
  - It might include functionalities for updating records, viewing history, and generating reports.

---

1. This immunization event occurred prior to the recommended age or recommended interval for this dose.
2. This immunization event occurred less than 30 days after the administration of another live virus vaccine.
Recommended Lead Guidelines

1. Lead Risk Assessment Questionnaire
2. Legal Requirements for Health Care Providers
3. Recommended Testing Schedules for Children with Elevated Blood Lead Levels
4. Medical Management Based on Blood Lead Levels
5. Risk Reduction Education - Information for Families (54KB PDF, opens new window)
6. Obtain brochures and other information by calling 212-BAN-LEAD (266-5323) or visit www.nyc.gov/html/doh/html/lead/lead.shtml

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Lead Test Record:

**Lead Test History**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Test Type</th>
<th>BLL</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>09/17/2005</td>
<td>Venous</td>
<td>6μg/dl</td>
<td>Test all children at age 1 &amp; age 2. If exposure likely, consider retesting within 3 months. Annually assess all children up to age 6 for risk of exposure &amp; test those children found to be at risk. Provide risk reduction education to prevent exposure. Provide nutrition education to promote adequate intake of Ca, Fe &amp; Vitamin C.</td>
</tr>
<tr>
<td>4</td>
<td>03/16/2005</td>
<td>Venous</td>
<td>9μg/dl</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>08/17/2004</td>
<td>Venous</td>
<td>7μg/dl</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>06/02/2004</td>
<td>Unknown</td>
<td>6μg/dl</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>07/28/2003</td>
<td>Venous</td>
<td>3μg/dl</td>
<td></td>
</tr>
</tbody>
</table>

---

Lead Risk Assessment Questionnaire

Ask the parent or guardian of children less than 6 years of age* the questions listed below. If the answer to ANY of these questions is 'yes' or 'unsure,' the child should be tested for lead poisoning (venous).

<table>
<thead>
<tr>
<th>Child's Name:</th>
<th>Date:</th>
</tr>
</thead>
</table>
Search for patient:

- Requires match on
  - First Name
  - Last Name
  - DOB
  - Gender
- Once found, patient is added to ‘MyList’
Search for patient: Advanced Search...

Use Tip combinations:
- Call 212-676-2323, if record not found, or Add New Patient if certain patient is not in CIR
- Go to Set Up to customize settings
Search by other demographics....

Please use additional searching criteria by clicking on one of the Advanced Search combinations listed under Tip, below right. You may also enter as much information as possible in order to find a matching patient. If you are still unable to find a match, use Add New Patient or call the Registry at (212) 676-2323.

Advanced Search: Other Demographics

Enter any 3 of these:
- First Name
- Last Name
- DOB
- Gender
  - M
  - F

Alternate First
Middle Name
Alternate Last

And 1 of the below:
- Medical Rec. No.
- CIR No.
- Mom DOB
- Mom First Name
- Mom Maiden Name
- House No. / St. / Apt. No.
- City / State / ZIP
- Telephone

Clear
Continue
Required elements:
- First Name
- Last Name
- DOB
- Gender

Strongly Recommended:
- Mom DOB
- Mom First Name
- Mom Maiden Name
- Full Address, or
- Telephone
Customize settings...
Print Reports:

Select the type of report you would like to print.

- **Public Report**
  - An official document for use by parents, guardians, and individuals. Includes:
    - Only those vaccination events considered valid.
    - Last lead test date.

- **Provider Report**
  - Select the data you would like to appear in your printed report:
    - **Immunization History**
      - **Filtered Report**
        - Includes only those vaccination events considered valid.
      - **Unfiltered Report**
        - Includes every vaccination event reported for the patient, valid and invalid.
    - **Lead Test History:**
      - Includes lead test dates, test type, and latest blood lead level recommendation.

[Continue]
Print Reports: for Provider...

<table>
<thead>
<tr>
<th>Dose</th>
<th>Vaccine</th>
<th>Date</th>
<th>Age</th>
<th>Interval</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>HepB</td>
<td>04/15/2000</td>
<td>6w</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>HepB</td>
<td>06/15/2000</td>
<td>8w</td>
<td>61</td>
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<tr>
<td>3</td>
<td>HepB</td>
<td>09/19/2004</td>
<td>3y</td>
<td>1344</td>
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<td></td>
<td>DTaP/HepB/HPV</td>
<td>04/22/2004</td>
<td>4y</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

This immunization event was an extra dose since it occurred after the series was completed.

<table>
<thead>
<tr>
<th>Dose</th>
<th>Vaccine</th>
<th>Date</th>
<th>Age</th>
<th>Interval</th>
<th>Comments</th>
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<tbody>
<tr>
<td>1</td>
<td>DTaP</td>
<td>08/15/2000</td>
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<tr>
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<td>04/22/2004</td>
<td>4y</td>
<td>1407</td>
<td>Also displayed in another vaccine series.</td>
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<table>
<thead>
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<th>Date</th>
<th>Age</th>
<th>Interval</th>
<th>Comments</th>
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<tbody>
<tr>
<td>1</td>
<td>Hib</td>
<td>08/15/2000</td>
<td>8w</td>
<td>0</td>
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<tr>
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<td>Hib</td>
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<th>Interval</th>
<th>Comments</th>
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<tbody>
<tr>
<td>1</td>
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<td>08/15/2000</td>
<td>8w</td>
<td>0</td>
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<tr>
<td>2</td>
<td>IPV</td>
<td>09/10/2000</td>
<td>16w</td>
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<td>248</td>
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<tr>
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<td>4y</td>
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<table>
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<th>Age</th>
<th>Comments</th>
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<tr>
<td>1</td>
<td>MMR</td>
<td>04/17/2002</td>
<td>2y</td>
<td></td>
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</tbody>
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<table>
<thead>
<tr>
<th>Dose</th>
<th>Vaccine</th>
<th>Date</th>
<th>Age</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Varicella</td>
<td>04/17/2003</td>
<td>3y</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Dose</th>
<th>Vaccine</th>
<th>Date</th>
<th>Age</th>
<th>Comments</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Pneumococcal NOS</td>
<td>01/15/2004</td>
<td>3y</td>
<td></td>
</tr>
</tbody>
</table>
Print Reports: for Public...

CID ID: 345640200

Name: RICK, DONALD
DOB: 04/15/2000
Age: 4y 2m
Gender: M
Date: The Jul 13 M 0333 EBY 2004

Immunization History

<table>
<thead>
<tr>
<th>Series</th>
<th>Type</th>
<th>Immunization Date</th>
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<tbody>
<tr>
<td>HepB</td>
<td>HepB</td>
<td>04/15/2000</td>
</tr>
<tr>
<td></td>
<td>HepB</td>
<td>06/15/2000</td>
</tr>
<tr>
<td></td>
<td>HepB</td>
<td>02/19/2004</td>
</tr>
<tr>
<td>DTP</td>
<td>DTaP</td>
<td>06/15/2000</td>
</tr>
<tr>
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<td>DTaP/HepB/MRV</td>
<td>04/22/2004</td>
</tr>
<tr>
<td>Hib</td>
<td>Hib-unspecified</td>
<td>06/15/2000</td>
</tr>
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<td></td>
<td>Hib-unspecified</td>
<td>06/15/2002</td>
</tr>
<tr>
<td>Polio</td>
<td>IPV</td>
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<td>Varicella</td>
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<td>Pneumococcal</td>
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Lead Test History

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<th>Note</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Fax Reports: for Provider...

Use this page to send a fax to the CIR server. Faxes are sent in the order that requests are received, so there may be a short delay.

Send report via fax to:

Name: SHIRLEY HUIE
Fax Number: 2126762314

Select the type of report you would like to print.

- **Public Report**
  - An official document for use by parents, guardians and individuals. Includes:
    - Only those vaccination events considered valid.
    - Last lead test date.

- **Provider Report**
  - Select the data you would like to appear in your printed report:

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Clear Continue →
Pre-completed Forms:

NOTE: You may need to download or update your current version of Adobe Reader (we recommend 7.0 or greater).
Pre-completed Forms: School 211S

- Edit yellow highlighted fields if needed
- Immunization data are pre-completed
Pre-completed Forms: WIC

- Edit yellow highlighted fields if needed
- Immunization data are pre-completed
Pre-completed Forms:
Day Camps, AfterSchool, Youth Center

- Edit yellow highlighted fields if needed
- Immunization data are pre-completed
Pre-completed Forms:
Day Care Forms: New Admission and Periodic Exam

- Edit yellow highlighted fields if needed
- Immunization data are pre-completed
Add Current Immunization: Step 1...

1. Select the Vaccine(s) you will be adding and indicate this patient’s VFC Eligibility status.
2. Add information for each Vaccine, then click the “Continue” button at the bottom of the page.
3. Check for accuracy, then click the “Confirm” or “Change” button at the bottom of the page. (Click “Cancel” to return to the patient record.)

Select Vaccines
- For a combination vaccine, only select one of the appropriate series.
- To add more than one event per vaccine series, click the Add History tab above.

Select: HepB, DTP, Hib, Polio, MMR, Varicella, Pneumococcal

Tip: Can’t find what you’re looking for? Check this category.

Other: Choose Vaccine Type

Which default date do you want to use?
- Today
- Another Date

Indicate Patient’s VFC Eligibility
- None (enter dates individually)
- Choose Patient’s Current VFC Eligibility Status
1. Select the Vaccine(s) you will be adding and indicate this patient’s VFC Eligibility status.
2. Add information for each Vaccine, then click the “Continue” button at the bottom of the page.
3. Check for accuracy, then click the “Confirm” or “Change” button at the bottom of the page. (Click “Cancel” to return to the patient record.)

### Select Vaccines

<table>
<thead>
<tr>
<th>Vaccine</th>
<th>Choose Vaccine Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>HepB</td>
<td></td>
</tr>
<tr>
<td>DTP</td>
<td></td>
</tr>
<tr>
<td>Hib</td>
<td></td>
</tr>
<tr>
<td>Polio</td>
<td>DT (&lt; 7 yrs)</td>
</tr>
<tr>
<td>MMR</td>
<td>DTP</td>
</tr>
<tr>
<td>Vаксels</td>
<td>DTaP (DAPTACEL)</td>
</tr>
<tr>
<td>Pneumococcal</td>
<td>DTaP NOS</td>
</tr>
<tr>
<td>Td (&gt; 7 yrs)</td>
<td></td>
</tr>
<tr>
<td>Td preservative free (&gt; 7 yrs)</td>
<td></td>
</tr>
<tr>
<td>DTaP/Hib</td>
<td></td>
</tr>
<tr>
<td>DTaP/Hib/PV (Pediatrix)</td>
<td></td>
</tr>
<tr>
<td>DTaP/Hib (TriHibit)</td>
<td></td>
</tr>
</tbody>
</table>

**Tip:** Can’t find what you’re looking for?
- Other

### Which default date do you want to use?

- Today
- Another Date
- None (enter dates individually)

### Indicate Patient’s VFC Eligibility/CHPlus B Status

This is required to generate VFC Doses Administered Reports.

- Select Patient’s Current VFC Eligibility Status

- Combination Vaccines should only be chosen in ONE vaccine category
Other Vaccines....

- Refer to the ‘other’ vaccine category if the necessary vaccine is not found in the above categories.
VFC Eligibility......

1. Select the Vaccine(s) you will be adding and indicate this patient's VFC Eligibility status.
2. Add information for each Vaccine, then click the "Continue" button at the bottom of the page.
3. Check for accuracy, then click the "Confirm" or "Change" button at the bottom of the page. (Click "Cancel" to return to the patient record.)

Select Vaccines
For a combination vaccine, only select one of the appropriate series.
To add more than one event per vaccine series, click the Add History tab above.

- HepB
- DTP
- Hib
- Polio
- MMR
- Varicella
- Pneumococcal

Tip: Can't find what you're looking for? Check this category.
Other: Tdap

Which default date do you want to use?
- Today
- Another Date
- None (enter dates individually)

Indicate Patient’s VFC Eligibility/CHPlus B Status
This is required to generate VFC Doses Administered Reports.

- Select Patient's Current VFC Eligibility Status
- MEDICAID
- UNINSURED
- INSURANCE DOES NOT COVER VACCINE
- NATIVE AMER/ALASKAN ESKIMO
- NOT VFC ELIGIBLE
- CHPLUS B
- UNKNOWN

The Citywide Immunization Registry
155 West Street, CH 442, New York, NY 10012 (212) 639-6793

Lead Poisoning Prevention Program (LPPP)
255 Broadway, CH 68, New York, NY, 10007 212-974-8441 LEAD
Add Current Immunization: Step 2...

1. Select the Vaccine(s) you will be adding and indicate this patient's VFC Eligibility status.

2. Add information for each Vaccine, then click the "Continue" button at the bottom of the page.

3. Check for accuracy, then click the "Confirm" or "Change" button at the bottom of the page. (Click "Cancel" to return to the patient record.)

Tip: To manage the "My Lot List" selections used on this page, go to Set Up.

DTP: DTaP/HepB/IPV (Pediarix)  Vaccine Event Information

- Date: 11/29/2005
- Given by this practice? (Yes/No)
- Select from List: (optional) MyLotList...
- or-
- Add a new Lot to your list (optional)

Other: Influenza  Vaccine Event Information

- Date: 11/29/2005
- Given by this practice? (Yes/No)
- Select from List: (optional) MyLotList...
- or-
- Add a new Lot to your list (optional)

Patient's Current VFC Eligibility Status: MEDICAID

- Change  Clear  Continue
Add Current Immunization: Step 3...

1. Select the Vaccine(s) you will be adding and indicate this patient’s VFC Eligibility status.

2. Add information for each Vaccine, then click the "Continue" button at the bottom of the page.

3. Check for accuracy, then click the "Confirm" or "Change" button at the bottom of the page. (Click "Cancel" to return to the patient record.)
### Immunization History

<table>
<thead>
<tr>
<th>Event</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>Next Due</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HepB</strong></td>
<td>4 Events</td>
<td>1.24/07/04</td>
<td>2.25/07/04</td>
<td>11.03/07/04</td>
<td>12/26/05</td>
<td>Completed Vaccine Series</td>
</tr>
<tr>
<td><strong>DTP</strong></td>
<td>2 Events</td>
<td>4/22/03</td>
<td>11/03/03</td>
<td></td>
<td></td>
<td>DUE NOW DTaP</td>
</tr>
<tr>
<td><strong>Hib</strong></td>
<td>1 Events</td>
<td>2/22/04</td>
<td></td>
<td></td>
<td></td>
<td>DUE NOW Hib-PRP-OMP (PedvaxHIB)</td>
</tr>
<tr>
<td><strong>Polio</strong></td>
<td>2 Events</td>
<td>12/03/04</td>
<td>11/03/04</td>
<td></td>
<td></td>
<td>DUE NOW IPV</td>
</tr>
<tr>
<td><strong>MMR</strong></td>
<td>1 Events</td>
<td>4/22/04</td>
<td></td>
<td></td>
<td></td>
<td>07/02/2008 MMR</td>
</tr>
<tr>
<td><strong>Varicella</strong></td>
<td>1 Events</td>
<td>12/31/04</td>
<td></td>
<td></td>
<td></td>
<td>DUE NOW Varicella</td>
</tr>
<tr>
<td><strong>Pneumococcal</strong></td>
<td>3 Events</td>
<td>12/03/04</td>
<td>11/03/04</td>
<td>04/25/05</td>
<td>10/01/2005</td>
<td>Pneumococcal conjugate (Prevnar)</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>0 Events</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Your additions have been made.
Add to Immunization History:

For each:
- Enter date
- Choose specific vaccine
- Select if given by your practice or some other source
- Choose lot or add lot in Set Up (optional)
- Review your entries
- Choose Change, Clear or Confirm
Modify History:

- Check the immunization event to Modify or Delete

<table>
<thead>
<tr>
<th>Event</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
</table>

Use this page to print and update a patient's immunization record and other information. Your modifications will be sent to ORH staff for review.
Modify History (Step 2):

1. Select the Immunization Events you wish to modify or delete.
2. Make changes to Immunization Events you selected, double-check, then click the “Confirm” button.
3. Make other changes (optional).

- Enter corrections or choose Delete event, click Continue
- Add lot or go to Set Up (optional)
- Review your request
- Choose Change, Clear or Confirm button

**Immunization History**

<table>
<thead>
<tr>
<th>Event</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
</tr>
</thead>
</table>
| HepB  | 2/20/2003 HepB (<20 yrs) 3-dose | 1/24/2005 Hib/HepB (COMVAX) 2y 9m Given by another practice | 10/27/2005 Hib/HepB (COMVAX) 2y 9m Given by another practice | 10/28/2005 DTaP/HepB/IPV (Pediarix) 2y 9m Given by another practice | Modify Event or Delete Event
| 5 events | [Image]    | [Image]          | [Image]           | [Image]           | [Image]           |
| DTP   | 10/28/2005 DTaP/HepB/IPV (Pediarix) 2y 9m Given by another practice | 11/1/2005 DTaP/HepB/IPV (Pediarix) 2y 9m Given by another practice | [Image]           | [Image]           | [Image]           |
| 2 events | [Image]    | [Image]          | [Image]           | [Image]           | [Image]           |
| Hib   | 10/24/2005 Hib/HepB (COMVAX) 2y 9m Given by another practice | 10/27/2005 Hib/HepB (COMVAX) 2y 9m Given by another practice | [Image]           | [Image]           | [Image]           |
| 2 events | [Image]    | [Image]          | [Image]           | [Image]           | [Image]           |
| Polio | 10/28/2005 DTaP/HepB/IPV (Pediarix) 2y 9m Given by another practice | 11/1/2005 DTaP/HepB/IPV (Pediarix) 2y 9m Given by another practice | [Image]           | [Image]           | [Image]           |
| 2 events | [Image]    | [Image]          | [Image]           | [Image]           | [Image]           |
| MMR   | 9/6/2005    | [Image]          | [Image]           | [Image]           | [Image]           |
Modify History: Demographics

Use this page to help keep patient contact information up to date.

Patient Information

If you know a patient has recently moved, or need to correct the name, DOB or gender information, complete the appropriate fields below.

First Name: MIGHTY
Last Name: MOUSE
Date of Birth: 07/02/2004
Gender: Male

House Number and Street:
Apt. Number
City, State
ZIP Code

• Add current patient address
• Correct patient name, DOB and gender information.
• Corrections are submitted for review.
**Recommended Childhood and Adolescent Immunization Schedule  UNITED STATES - 2006**

| Vaccine                      | Age | Birth                  | 1 month | 2 months | 4 months | 6 months | 12 months | 15 months | 18 months | 24 months | 4–6 years | 11–12 years | 13–14 years | 15 years | 16–18 years |
|------------------------------|-----|------------------------|---------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-------------|-----------|-------------|
| Hepatitis B¹                  |     | HepB                   |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Diphtheria, Tetanus, Pertussis² |     | DTaP                   |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Haemophilus influenzae type b³ |     | Hib                    |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Inactivated Poliovirus        |     | IPV                    |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Measles, Mumps, Rubella⁴      |     |                        |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Varicella                    |     |                        |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Meningococcal⁵               |     |                        |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Pneumococcal⁶                |     | PCV                    |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Influenza¹                   |     |                        |         |          |          |          |           |           |           |           |           |            |              |            |           |             |
| Hepatitis A⁷                  |     |                        |         |          |          |          |           |           |           |           |           |            |              |            |           |             |

*Range of recommended ages*  *Catch-up immunization*  *11–12 year old assessment*
1. Lead Risk Assessment Questionnaire
2. Legal Requirements for Health Care Providers
3. Recommended Testing Schedules for Children with Elevated Blood Lead Levels
4. Medical Management Based on Blood Lead Levels
5. Risk Reduction Education - Information for Families

(LOOK for more PRACTICE TOOLS!)
Practice: VFC Doses Administered Report

- Enter date range
- Select age ranges
Practice: VFC Doses Administered Report

- Select the VFC and Non-VFC doses you wish to include in the report.
## Vaccines for Children (VFC) Doses Administered Report

![VFC Doses Administered Report](image)

<table>
<thead>
<tr>
<th>VFC Doses</th>
<th>Age Ranges</th>
<th>1</th>
<th>2</th>
<th>3-5</th>
<th>6</th>
<th>7-10</th>
<th>11-12</th>
<th>13-18</th>
<th>19-23</th>
<th>25-34</th>
<th>45-64</th>
<th>65+</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTaP</td>
<td>153</td>
<td>20</td>
<td>13</td>
<td>45</td>
<td>0</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>232</td>
</tr>
<tr>
<td>DTaP (DARPACEL)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>DTaP/4th b (THB)</td>
<td>3</td>
<td>21</td>
<td>4</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>38</td>
</tr>
<tr>
<td>DTaP/HepB/HPV (Pediatrics)</td>
<td>102</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>107</td>
</tr>
<tr>
<td>HepB postd 2-dose</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>HEP B (+20 yrs 3-dose)</td>
<td>150</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>102</td>
</tr>
<tr>
<td>HEP B (+30 yrs or 11-18 yrs 2-dose)</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
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<tr>
<td>Hib/HepB (COVAX)</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>24</td>
</tr>
<tr>
<td>Hib/P dPVP (Prevenar)</td>
<td>76</td>
<td>2</td>
<td>1</td>
<td>3</td>
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<td>0</td>
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<td>84</td>
</tr>
<tr>
<td>HIL RPP-T (Act-HB)</td>
<td>17</td>
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<td>Influenza</td>
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<td>1</td>
<td>4</td>
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<td>0</td>
<td>0</td>
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<td>216</td>
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<td>MMR</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>2</td>
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<td>0</td>
<td>0</td>
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<td>0</td>
<td>119</td>
</tr>
<tr>
<td>Mening conj (MCV4 Members 11-55 yrs)</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
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<tr>
<td>Pneumococcal conjugate (Proven)</td>
<td>237</td>
<td>28</td>
<td>8</td>
<td>6</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>279</td>
</tr>
<tr>
<td>Pneumococcal polysaccharide (Preven)</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>0</td>
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</tr>
<tr>
<td>Td (+= 7 yrs)</td>
<td>0</td>
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<td>0</td>
<td>0</td>
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<td>0</td>
<td>1</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>Tdap</td>
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<td>0</td>
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<td>0</td>
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</tr>
<tr>
<td>Varicella</td>
<td>0</td>
<td>0</td>
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<td>0</td>
<td>0</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>0</td>
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<td>0</td>
<td>83</td>
</tr>
<tr>
<td>Totals</td>
<td>924</td>
<td>238</td>
<td>55</td>
<td>163</td>
<td>3</td>
<td>7</td>
<td>8</td>
<td>12</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>1488</td>
</tr>
</tbody>
</table>
Set Up: Manage Vaccine Lots

The lots you add to this list will appear in the Add Immunization pick lists, making it faster and easier to report immunizations.

Add New Lot

Continue

New / Remove Vaccine Lots

Check the boxes next to the lots you wish to delete from this list, then click "Remove" at the bottom of the page.

HepB: Hep B (≤20 yrs 3-dose)

- Exp. 08/10/2005
  - VFC
  - WYETH-AYEST
  - Lot: 45454

- Exp. 01/01/2007
  - VFC
  - BAXTER
  - Lot: 123

DTP: DTaP

- Exp. 08/10/2005
  - VFC
  - ABBOTT
  - Lot: 1111

- Exp. 12/31/2008
  - VFC
  - MERCK
  - Lot: 20050707-001

Hib: Hib-PRP-D (ProHIBit)

- Exp. 08/10/2005
  - Non-VFC
  - SMITHKLINE
  - Lot: 33333

- Exp. 01/01/2006
  - VFC
  - ABBOTT
  - Lot: 1111

Hib: Hib-PRP-T (ActHIB)

- Exp. 08/10/2005
  - VFC
  - WYETH-AYEST
  - Lot: 45454

- Exp. 01/01/2006
  - VFC
  - ABBOTT
  - Lot: 1111
Set Up: Manage Vaccine Lots - Add New Lot

- Vaccine lots entered here appear as a vaccine lot choice where vaccine additions and modifications occur.

Use this page to add a vaccine lot to your list. Keeping your lots current helps you manage your vaccine inventory, making reporting faster and easier.

Add New Lot

- Select a Vaccine Type, enter the expiration date, indicate VFC or Non-VFC, select a manufacturer and enter a lot number.

Select Vaccine Type

Exp. Date (mm/dd/yyyy)

- VFC  - NonVFC

Select Manufacturer

Lot Number

Continue→
Help:

- Help by Feature
- Help by FAQs
- Contact Information

Features:
- Overview
- Reporting to the Registry
- Accessing the Registry
- Search
- Advanced Search
- My List
- My List
- Reports
  - View Record
  - Print Reports
  - Request Form
  - Pre-filled Forms
- Add
  - Current Immunization
  - Modify History
  - Add History
- Tools
  - Tools
  - Immunization Schedule
  - Lead Guidelines
- VFC
  - Vaccines for Children
  - Cases Administered
- VFC Eligibility Report
- Set Up
  - Manage Vaccine Lists
  - Change Password
  - Manage Users
  - Add New User
  - View/Modify Users
  - Change My Contact Info

Frequently Asked Questions:
- Overview
- What are the reporting requirements?
- What records are in the Online Registry?
- Do we still need Department of Health Lifetime Health Records?
- Can parents or patients also access the Registry themselves?
- How do I report immunizations if a patient is not in the CIR?
- Where does the CIR get its participants data?
- Can I report lead test results using the Online Registry application?
- Where can I find out more about the Lead Poisoning Prevention Program?
- Why do I contact if I have questions about reporting?
- How do I gain access to the Online Registry?
- How does the Registry keep patient records confidential?
- Why must each user have their own password?
- Search
- What if there are two patients with the same name?
- What if I can't find a patient's record?
- What if I can't find a patient with an Advanced Search?
- What is the CIR number and how do I find it?
- My List
- What is My List?
- How do I select a patient?
- How do I add a patient?
- How do I remove a patient?
- Reports
- What is in the Reports section?
Contact Information

Citywide Immunization Registry
NYC Department of Health and Mental Hygiene

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