Sustainable Adult Immunization Activities

Julie Morita, M.D.
Medical Director, Immunization Program
Chicago Department of Public Health

Chicago

• Total population: 2.7 million*
  – NH-White: 45%
  – NH-Black: 33%
  – Hispanic: 29%

• Area of Chicago: 229 square miles

* 2010 US Census
Prevention and Public Health Fund
Adult Initiative, CDC

- July 1, 2012-December 31, 2013
  - Required projects
    - Pharmacies
    - Workplace
  - Optional projects
    - Community Health Centers

- Funding: $740,000

Sustainable Activities

- Vaccinate Illinois Week
  - Localized celebration of National Influenza Vaccination Week

- Community Health Center (CHC) Initiative
  - Quality improvement interventions
  - Vaccine provision – 317, local funds
Community Based Interventions Implemented in Combination

- Increase community demand for vaccinations
  - Mass and small media
  - Outreach and tracking of clients

- Enhance access to vaccination services

- Include interventions directed at providers
  - Educational activities

Vaccinate Illinois Week

- Local observance of National Influenza Vaccination Week, December 8 - 14, 2013
- Partners
  - State and local health departments
  - Professional organizations (ACP, AAP, AAFP, ACOG)
  - Blue Cross Blue Shield of Illinois
  - Pharmacies (Walgreens, CVS, Osco)
  - Immunization coalition
  - Medicare QIO
Print and Outdoor Ads

Radio

Community Outreach

Social Media

Flyer distribution (electronically, in-person)
Increasing Access to Vaccines

- CDPH clinics
- Universities of Chicago and Illinois sites
- IDPH clinics
- Walgreens

Chicago Flu Clinic Locator

CDPH clinics, retail pharmacies including CVS, Dominicks, Osco and Walgreens

www.chicagoflushots.org
Provider Interventions

• Disease and Vaccine Updates
  – Newsletter articles
    • Professional organizations
    • Vaccines for Children Program
    • Blue Cross Blue Shield of Illinois
  – Influenza Disease Update – Webinar
    • CDC and Families Fighting Flu speaker

Summary

• Public Health can bring together partners from many sectors

• Partners bring resources

• Coordinated and consistent messaging facilitates communication

• Expansion to early and late season, 2014-2015
Community Health Center (CHC) Initiative

- Monthly, CDPH convened CHC staff to guide interventions and provide technical assistance
  - Alliance of Chicago Community Health Services
    - Network of CHCs (7) with 15 sites
  - Beloved Community Family Wellness Center
    - 1 site
  - Near North Health Services Corporation
    - 6 sites

Interventions

- Quality improvement initiatives that incorporated electronic health record (EHR) modifications
  - Coverage levels using EHR data
  - Standing orders, patient and/or provider reminders
  - Interface with immunization information system (IIS)

- CDPH provided Tdap, pneumococcal, influenza hepatitis B and zoster vaccines
  - 317 and local funds
<table>
<thead>
<tr>
<th>Agency</th>
<th>Sites</th>
<th>Coverage levels</th>
<th>Vaccines</th>
<th>Interventions</th>
<th>Interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alliance (7 CHCs)</td>
<td>15</td>
<td>Pre and post intervention coverage levels determined</td>
<td>Tdap, Influenza, PPV23, Hep B, Zoster</td>
<td>Educational materials EHR huddle reports*, Order sets*, Provider reminders* Training</td>
<td>Centricity – ICARE in production</td>
</tr>
<tr>
<td>Beloved</td>
<td>1</td>
<td>Coverage levels determined monthly</td>
<td>Tdap, Influenza, PPV23, Hep B, Zoster</td>
<td>Patient reminders Provider reminders* (huddle reports, color chart flags) Standing orders* Training</td>
<td>Next Gen – ICARE *</td>
</tr>
<tr>
<td>Near North</td>
<td>6</td>
<td>Pre and post intervention coverage levels determined</td>
<td>Tdap, Influenza, PPV23, Hep B, Zoster</td>
<td>Educational materials Patient reminders Provider reminders* Standing orders* Training</td>
<td>Centricity – ICARE in production</td>
</tr>
</tbody>
</table>

* Public Health Node – state funded program to assist with development of interface

### Vaccine Distribution

<table>
<thead>
<tr>
<th>Agency Name</th>
<th>Hep B</th>
<th>Tdap</th>
<th>Zoster</th>
<th>Pneumo</th>
<th>Influenza</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alliance</td>
<td>705</td>
<td>1,530</td>
<td>1,340</td>
<td>1,595</td>
<td>6,600</td>
</tr>
<tr>
<td>Beloved</td>
<td>0</td>
<td>250</td>
<td>60</td>
<td>230</td>
<td>150</td>
</tr>
<tr>
<td>Near North</td>
<td>520</td>
<td>1,055</td>
<td>565</td>
<td>1,305</td>
<td>1,900</td>
</tr>
</tbody>
</table>
Summary

• CHCs reluctant to invest in adult vaccine systems because vaccine supply inconsistent

• CDPH provided vaccine
  – Addressed vaccine insecurity
  – Vaccine linked to technical assistance

• CDPH will make adult vaccine available to CHCs through an application process

Discussion