



# **Learning to Lead 1999-2015**

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Commissioner**

# Outline

- Pandemic Influenza Response, 2009-10
- HPV Vaccine Initiative, 2011-2014
- Ebola Preparedness Activities, 2014-2015

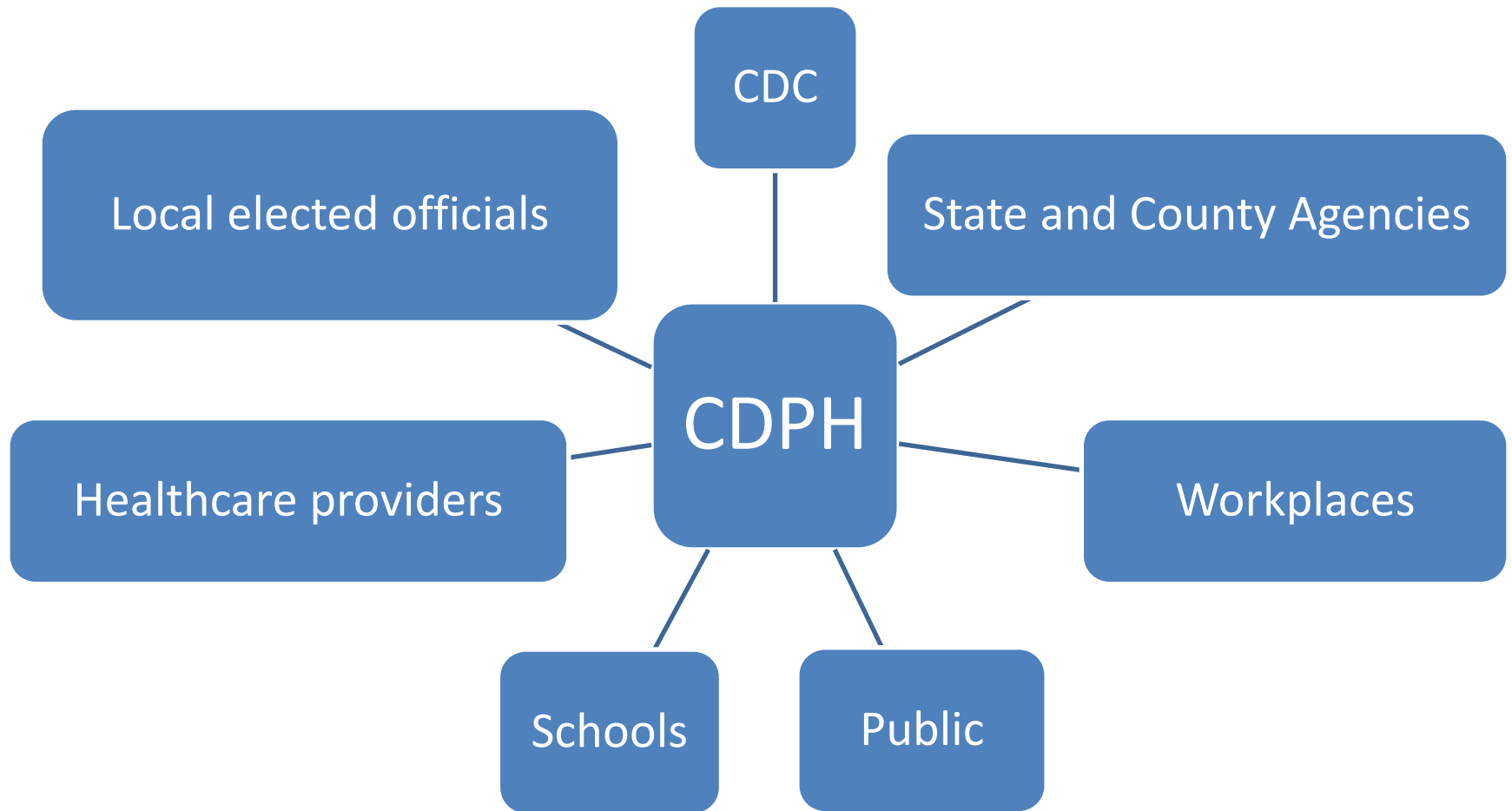


## **Chicago Response to the H1N1 Pandemic: Strategy and Partnerships at the City Level**

# City Response

- **Disease surveillance**
- **Community mitigation guidance**
  - School/daycare
  - Workplace
  - Social gatherings
- **Communication**
  - General public
  - Healthcare community
- **Vaccination planning and distribution**

# Partners in Planning and Response

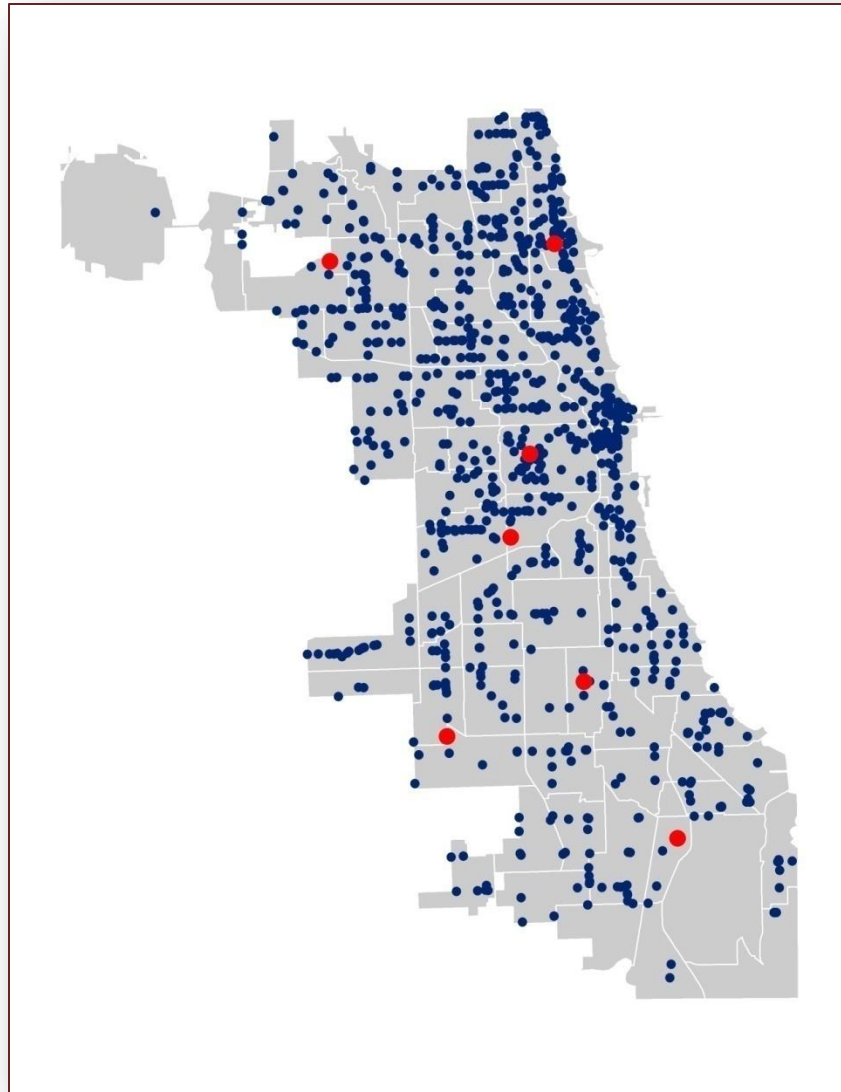


# Chicago's Vaccination Plan

- **Distribute vaccine to healthcare facilities**
  - For healthcare personnel
  - For patients
- **Conduct large scale, mass vaccination clinics**
  - For those without healthcare providers
  - For those whose healthcare providers did not order vaccine



# Vaccine Distribution Sites in Chicago



- Healthcare facility
- CDPH mass vaccination clinic

# CDPH Mass Vaccination Clinics

City Colleges of Chicago

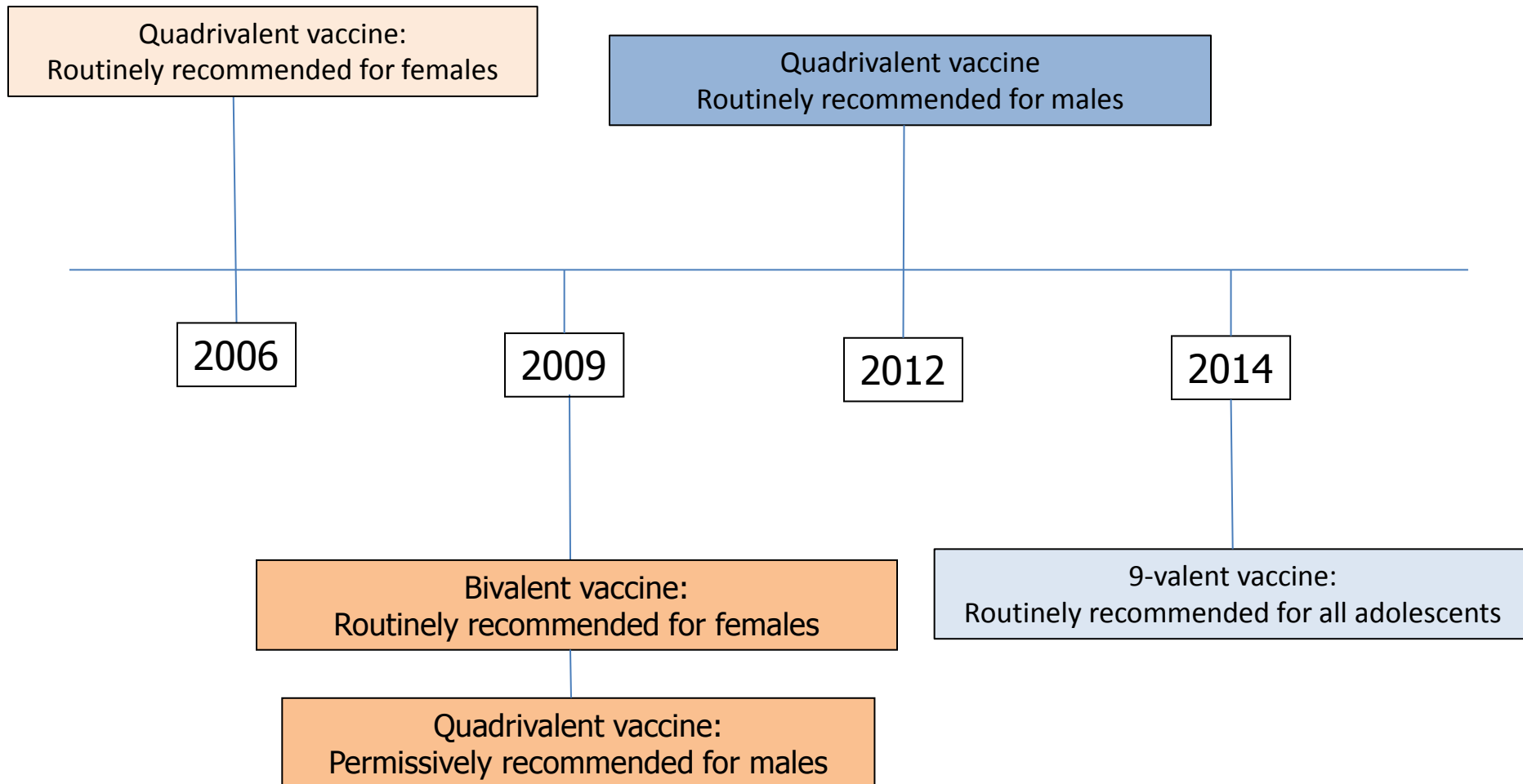
- **Richard J. Daley**
- **Kennedy King**
- **Malcolm X**
- **Olive Harvey**
- **Truman**
- **Westside Technical**
- **Wright**



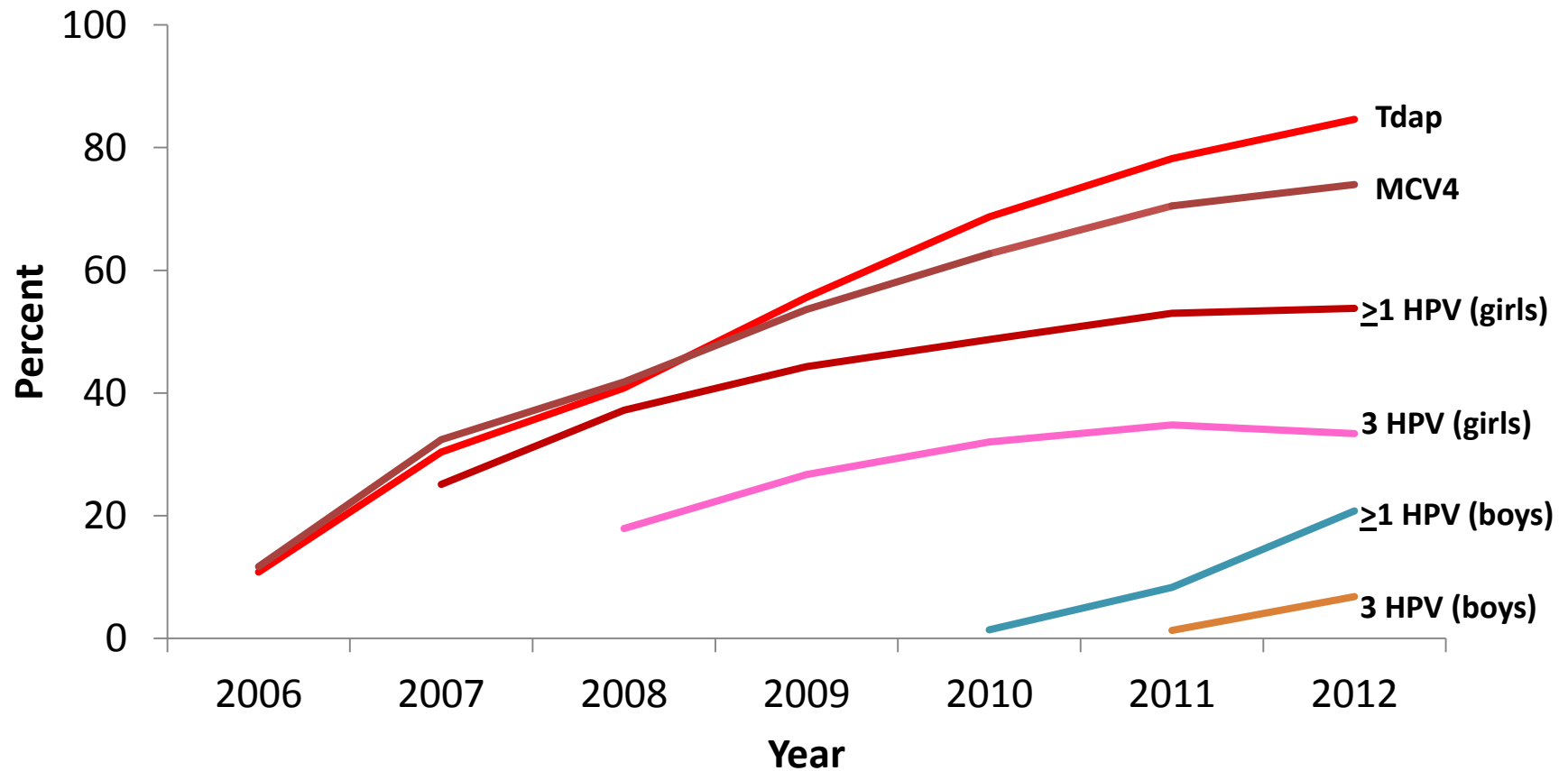




# Preventing HPV Infections among Chicago's Adolescents



# Vaccine Coverage Levels among 13-17 years olds, US, NIS-Teen, 2006-2012



Source: MMWR. 2013;62;685-93

# Public Health Response, 2013-2014

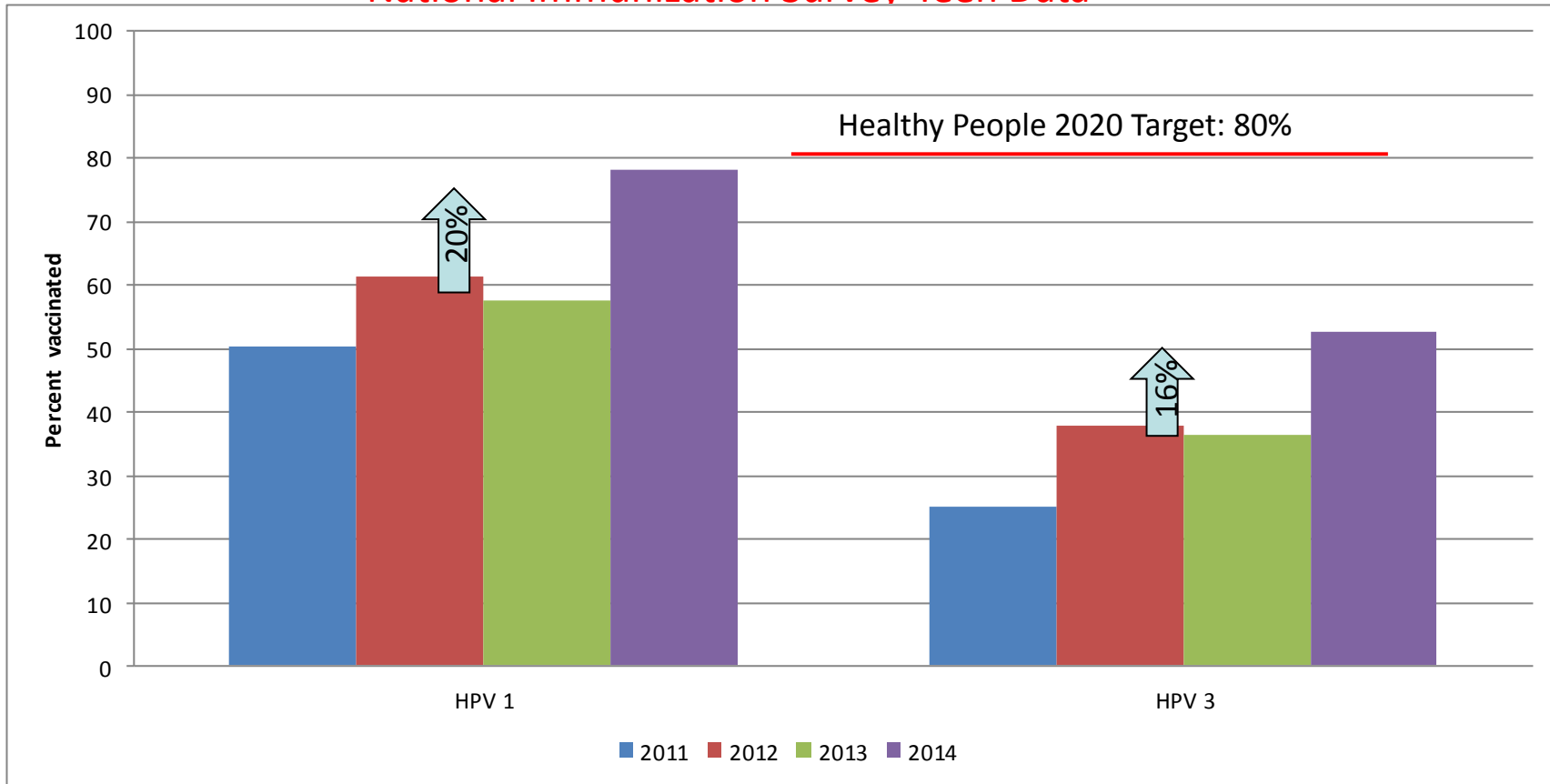
- Convened cancer prevention and immunization stakeholders
- Implemented a comprehensive public information campaign
- Coordinated healthcare provider education
  - In office training
    - Clinic-level vaccine coverage levels
    - Strategies to improve immunization coverage
  - Large group training
- Implemented registry-based recall for 11–18 year olds

# Stakeholder Engagement



# HPV Vaccine Coverage, Females, 13-17 years, Chicago, 2011-2014

National Immunization Survey-Teen Data





# Chicago Ebola Preparedness

# Chicago Initial Planning

- Healthcare systems and providers (including EMS)
  - Formed Chicago Ebola Resource Network with leading hospitals
  - Led regular briefings with Chicago hospitals
  - Provided clinical guidance
- 1st responders
  - Provided guidance for on safety procedures
  - Modified 911 scripts to include travel history questions
- Department of Aviation for O'Hare screening process
- Elected officials and the public
  - Provided fact sheets
  - Convened community meetings
- Federal, state, and local health agencies



# Chicago Response

## O'Hare Operations

1. High risk travel hub
2. Traveler Screening
3. Transportation, housing, etc.

## Chicago Ebola Resource Network

1. Shared Responsibility for Care
2. Evaluation of PUIs

## Traveler Monitoring

1. Active Monitoring
2. Direct Active Monitoring
3. Inter/Intra State Coordination

## Healthcare System Preparedness

1. Network of Providers
2. All Area Hospitals and Clinics
3. EMS Providers

# Ebola Treatment Centers

## The Chicago Ebola Resource Network

Rush University Medical Center, University of Chicago Medical Center, Northwestern Memorial Hospital, Lurie Children's Hospital of Chicago

- Network of hospitals identified with:
  - Specialty care expertise (infectious disease, intensive care, dialysis),
  - Resources to support usual care as well as care for an Ebola patient
  - Laboratory capacity and systems
  - Advanced infection control systems
  - Waste management systems
  - Willingness to care for Ebola patients
  
- CDC team assessed hospital readiness and training needs (10/19-10/23)

# Summary

- 11 patients evaluated at hospital (5-62 years)
  - 10/21/14-10/23/15
  - 6 of 11 from O'Hare
- Number of travelers: 2,664
- Number of travelers monitored: 160
- Ongoing coordination of infection control training and exercises



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