

INTEROPERABILITY BETWEEN PHARMACIES AND IIS

Multi-State Project

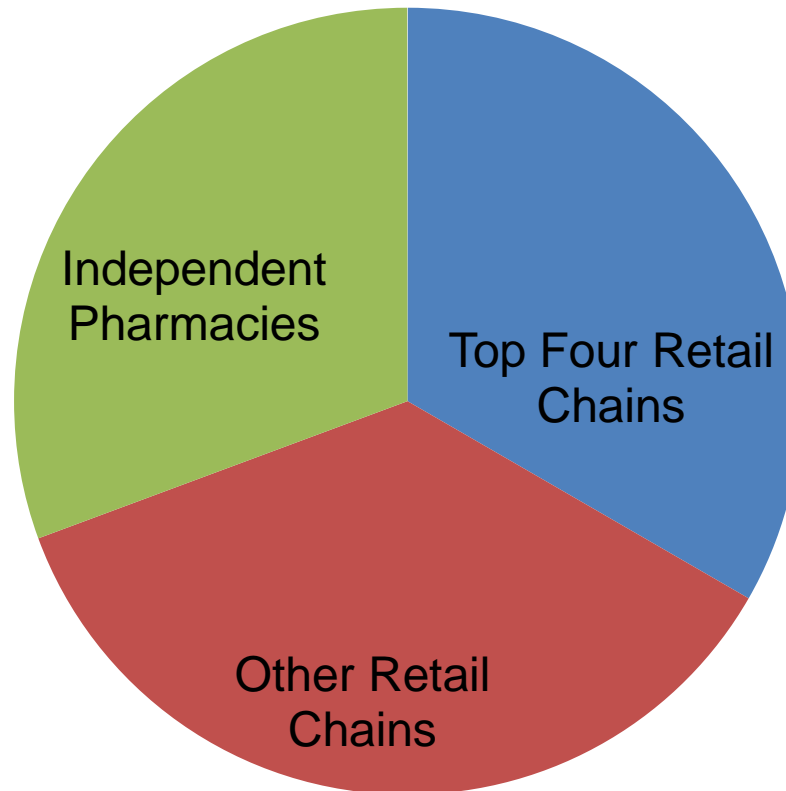
Brandy Altstadter

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AIRA Discovery Session on Pharmacy Participation

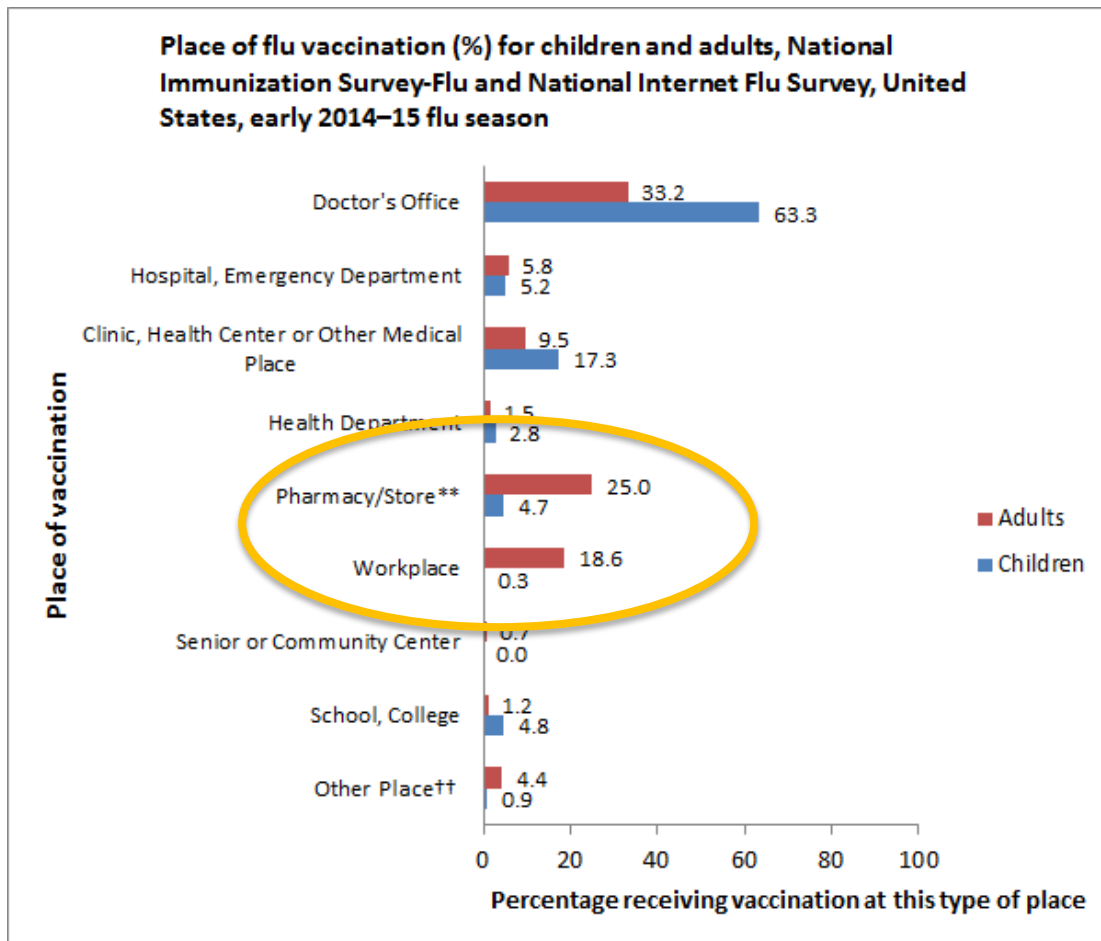
August 24, 2015

PHARMACIES & ACCESS TO CARE



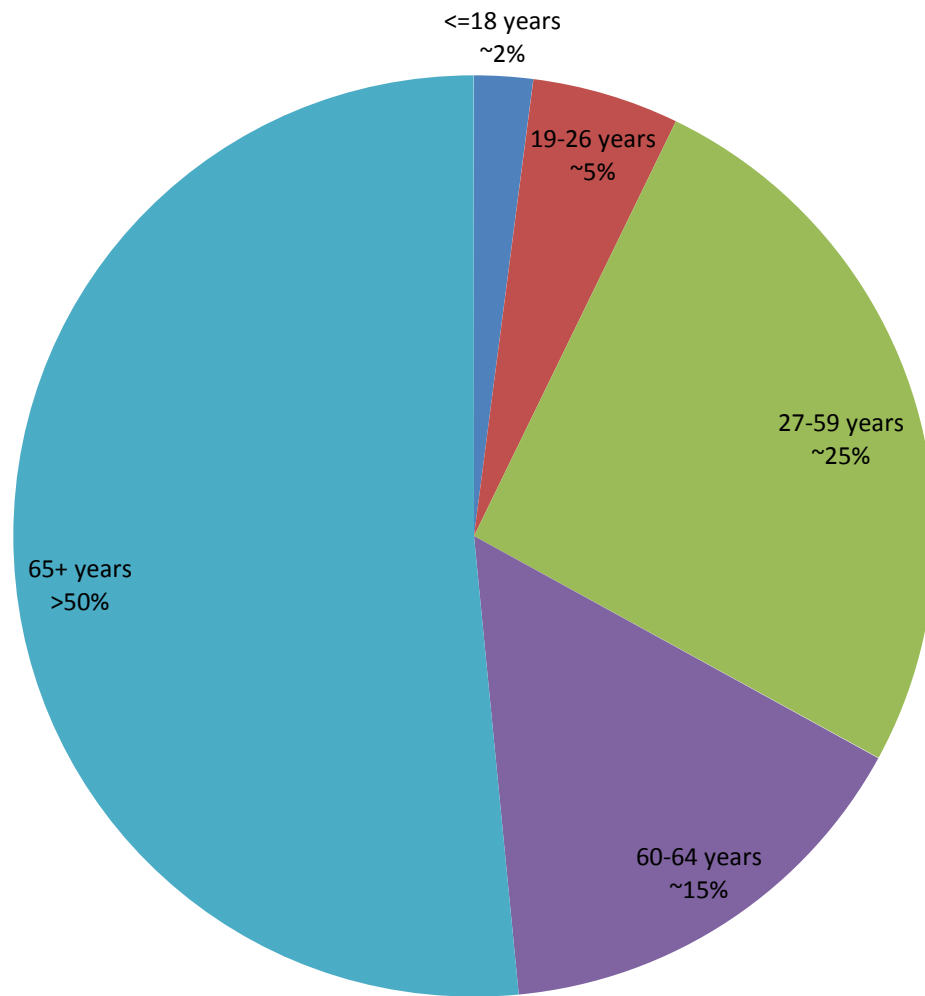
Approximately
75,000 Pharmacies
in the U.S.

IMPACT OF PHARMACY IMMUNIZATIONS

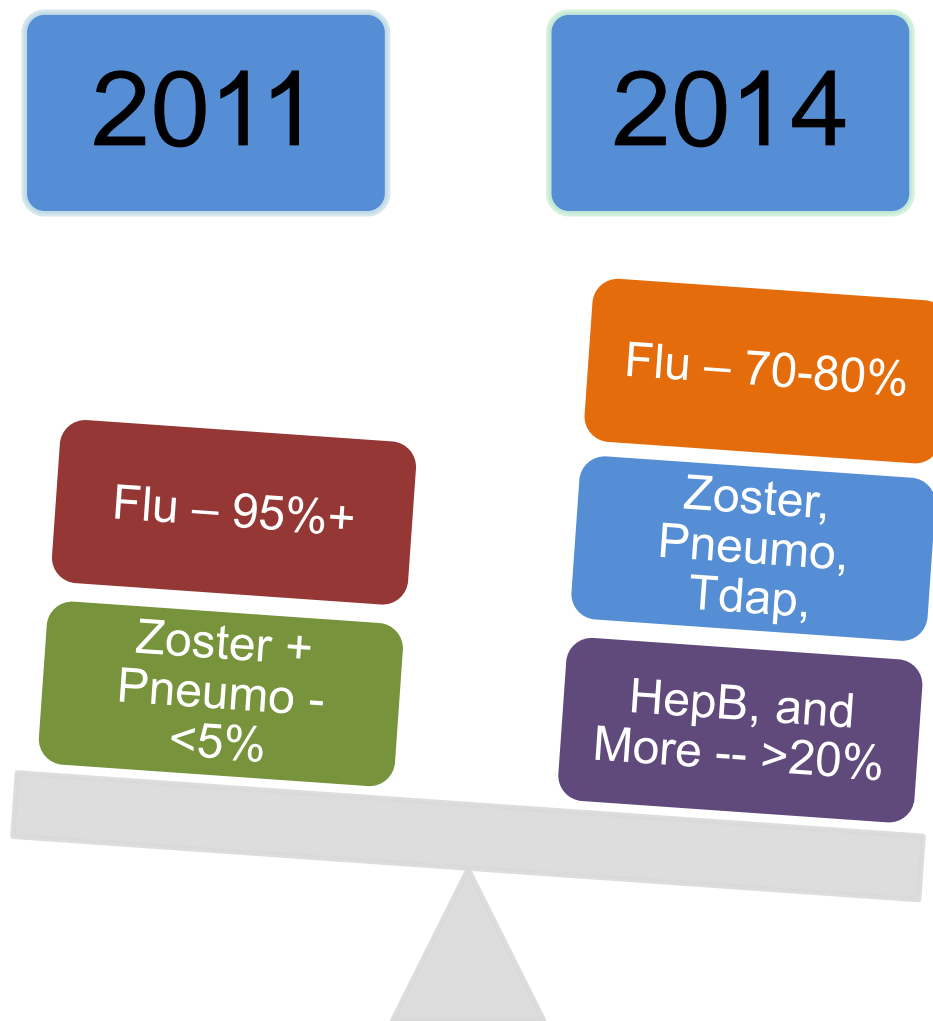


Source: National Early Season Flu Vaccination Coverage, United States, November 2014

PHARMACY PROFILE BY PATIENT AGE



PHARMACY PROFILE BY VACCINATION TYPE



WHY IS BI-DIRECTIONAL ACCESS IMPORTANT?

Stay Compliant

- Required in the following jurisdictions: Oregon, Iowa, North Carolina, Michigan (June 1, 2015), Minnesota (July 1, 2015)

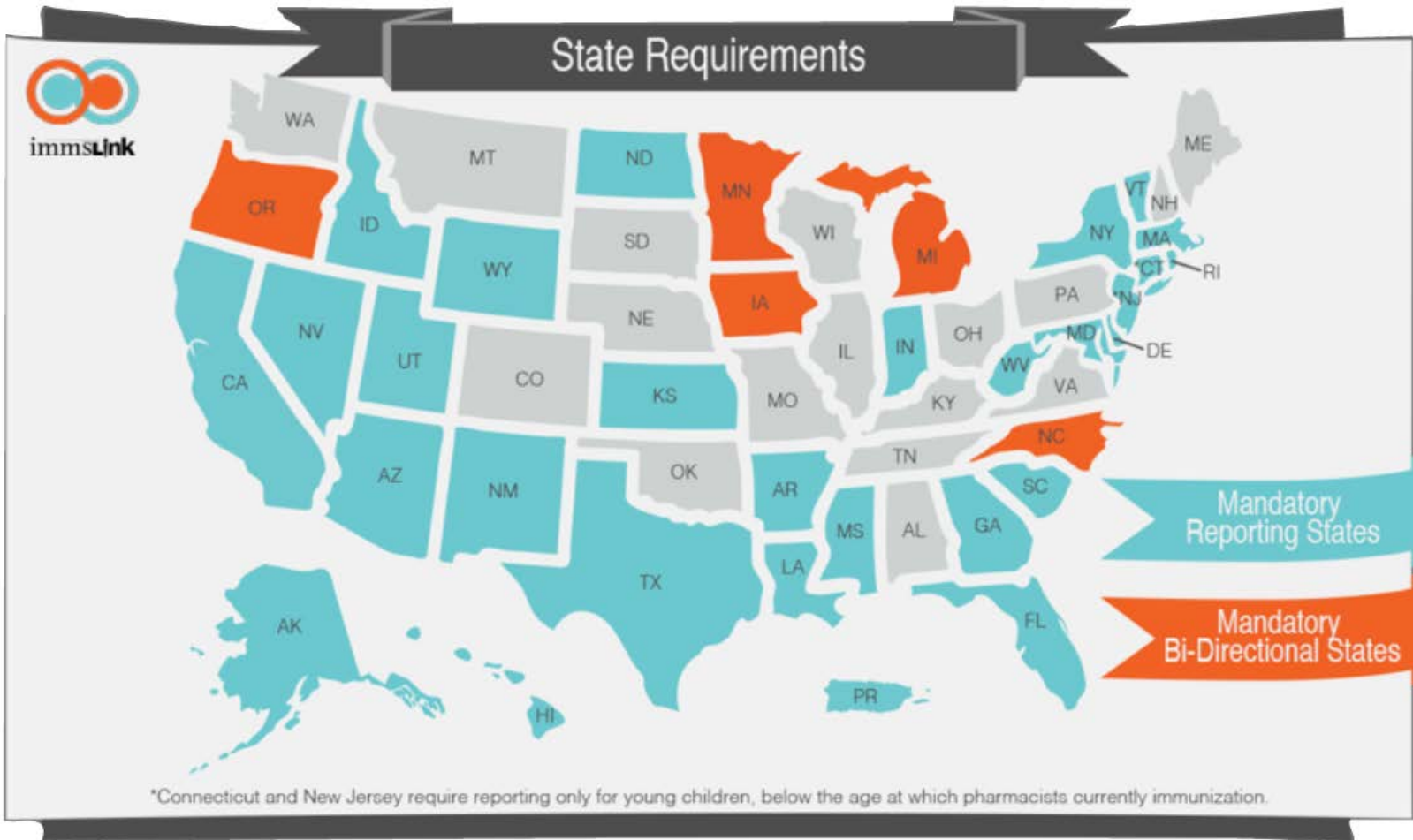
Improve Patient Engagement

- Serves as a tool in counseling patients on immunization recommendations
- Complete record for patients to manage their records for school, employment, etc.

Coordinate Care

- Fully participate in information sharing between health care providers
- Improves communication between the provider/pharmacist and the patient

PHARMACY REPORTING REQUIREMENTS



TECHNOLOGY SOLUTIONS

- Full User Interface
 - Supplements current technology
- Web Services
 - Integrates with current technology

Vaccination Forecast
The forecast automatically switches to the accelerated schedule when a patient is behind schedule.

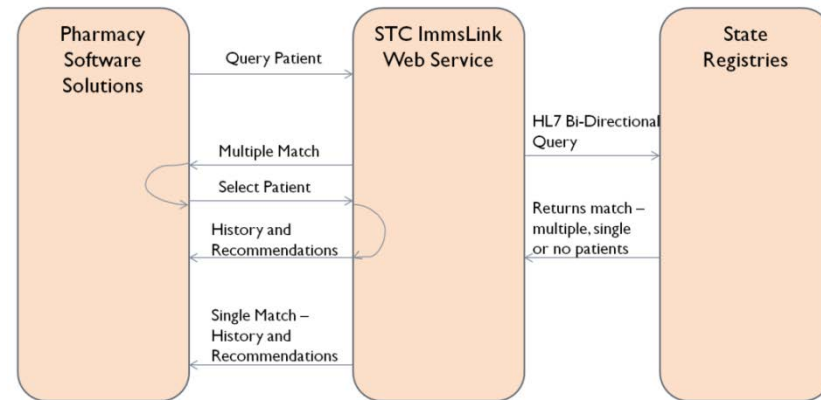
Vaccine Family	Dose	Recommended Date	Minimum Valid Date	Overdue Date	Status
Tdap	1	Past Due	01/01/1998	01/31/1998	Past Due
HEP-A	2	07/15/2014	07/15/2014	08/15/2015	Due Now
FLU	2	10/01/2015	08/01/2015	10/31/2015	Up to Date

Vaccination View/Add
(* - Historicals, # - Adverse Reaction, ! - Warning, ^ - Compromised Vaccination)
Documented By: --select--
Double-click in any date field below to enter the default date: 04/16/2015

Before immunizing the patient, check to see which vaccines the patient is due for

Vaccine	1	2	3	4	5	6
Hep A 2 dose - Adult (Havrix®, Vagta®)	01/15/2014 *					
Influenza, Injectable Presv Free	12/18/2014 *					
Pneumococcal(PPSV) (Pneumovax23®, Pnu-Imune®23)						
Pneumococcal, PCV-13 (Prenvair13®)						
Td (Adult) (Decavac® / Tenivac®)						
Tdap (Boostrix®, Adacel®)						
Zoster, live (Zostavax®)						
--select--						

Add Administered Clear



OVERALL CHALLENGES

- Mitigate impact to pharmacy workflow
- Existing pharmacy technology does not track all fields used by IIS
- Patients may be hesitant to share some demographic info
- Tracking new demographic fields increases security exposure



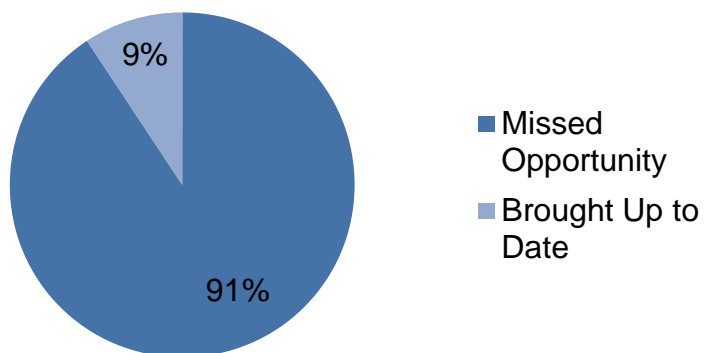
BI-DIRECTIONAL CHALLENGES AND OPPORTUNITIES

- Adult coverage levels in IIS
- Ability to query multiple states, particularly for border pharmacies
- Two different business needs: outreach and point of service
 - Different technology may meet the different needs
 - Ability to query without human interaction



WEALTH OF OPPORTUNITY

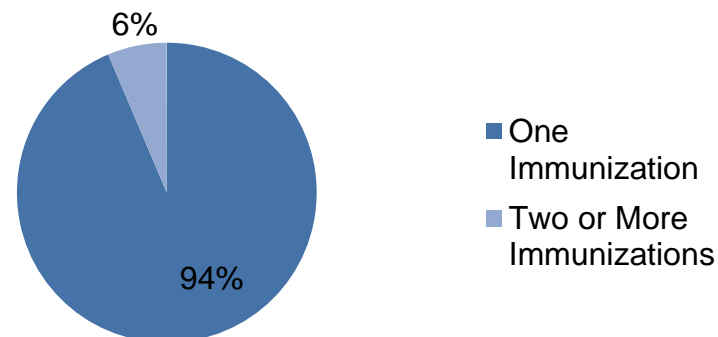
Opportunities



- ✓ Most adult patients who receive pharmacy immunizations only receive one immunization

- ✓ Most adult patients who receive pharmacy immunizations are still due for one or more immunizations

Multiple Immunizations per Visit



Close to 2000 Queries Last Week

Top States...

- Iowa
- Minnesota
- Oregon
- Florida
- Louisiana

MAKING IT HAPPEN...

- CDC guidance on adult immunizations states the following:

A health care provider recommendation is a critical factor in whether patients get the vaccines they need.

Providers should routinely assess patient immunization status and strongly recommend vaccines that patients need, whether they stock the vaccines or not.

Recommending vaccines prompts more patients to get immunized.

More information available at: <http://www.cdc.gov/vaccines/hcp/patient-ed/adults/downloads/standards-immz-practice-recommendation.pdf>

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