



Provider Workgroup: Making Vaccines a Winning Proposition for Healthcare Providers: Pharmacists

Jeff Goad, Pharm.D., MPH
Associate Professor and Vice Chair
USC School of Pharmacy

USC School
of Pharmacy

University of Southern California



The Immunization Neighborhood

Purpose:

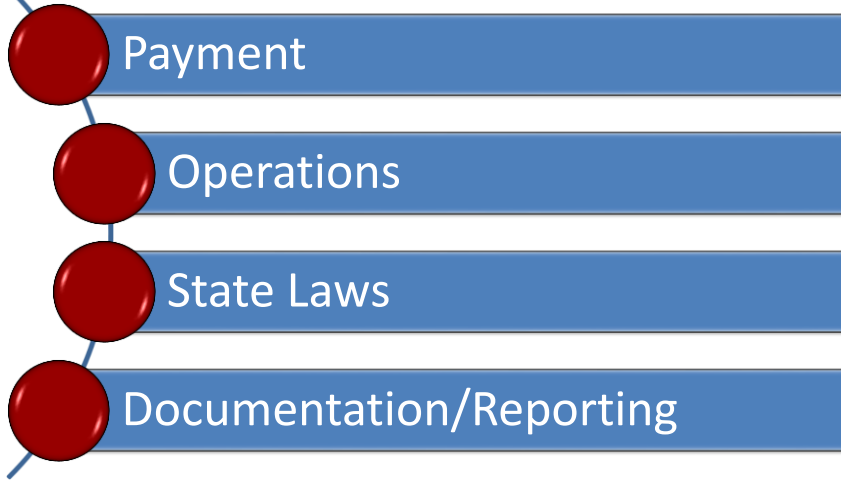
—**C**ollaboration, **C**oordination, and **C**ommunication among immunization stakeholders dedicated to meeting the immunization needs of the patient and protecting the community from vaccine-preventable diseases.

— *American Pharmacists Association, M. Rothholz*

USC School
of Pharmacy

University of Southern California

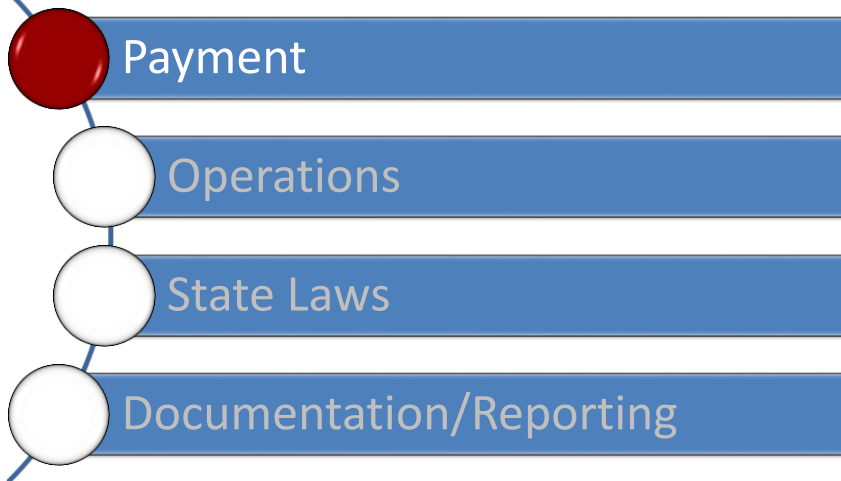
Increase Pharmacy-Based Immunization



USC School
of Pharmacy

University of Southern California

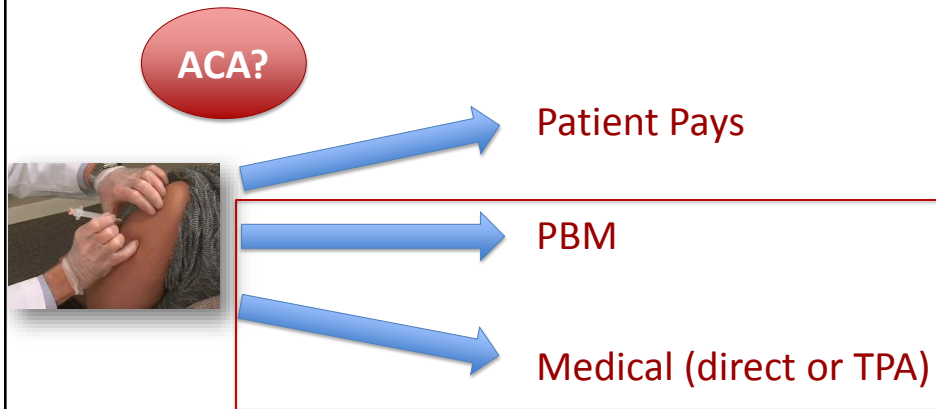
Increase Pharmacy-Based Immunization



USC School
of Pharmacy

University of Southern California

Pharmacy Payment



USC School of Pharmacy

University of Southern California

Current Environment for Pharmacist Compensation for Vaccination

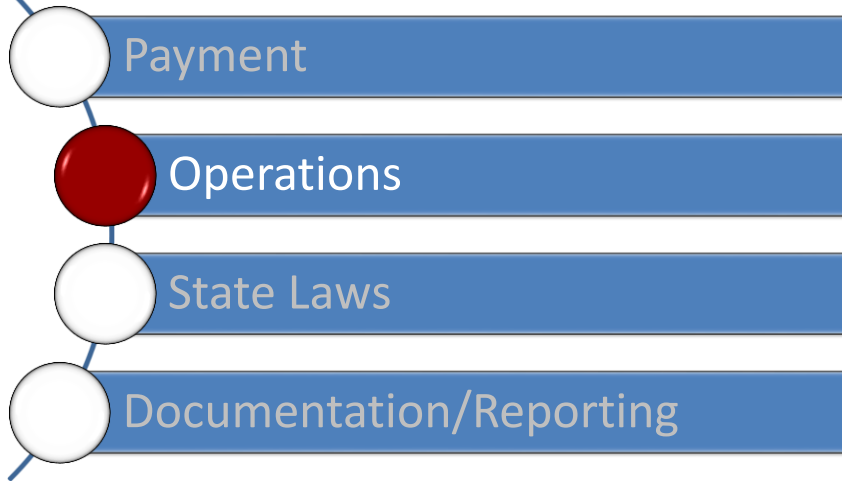


Program	Physicians	Pharmacists	Comments
Medicare Part B	✓	✓	Flu, Pneumo
Medicare Part D		✓	All others
Medicare Advantage	✓	✓	+/- very restricted
Medicaid	✓	✓	Variable to product only +/- admin
Private Insurance			
PPO	✓	✓	Variable to product only +/- admin
HMO	✓	✓	+/- very restricted

USC School of Pharmacy

University of Southern California

Increase Pharmacy-Based Immunization



USC School
of Pharmacy

University of Southern California

Vaccinations Administered During Off-Clinic Hours at a National Community Pharmacy: Implications for Increasing Patient Access and Convenience



Jeffery A. Goad, PharmD, MPH¹

Michael S. Taitel, PhD²

Leonard E. Fensterbeim, MPH²

Adam E. Cannon, MPH²

¹University of Southern California, School
of Pharmacy, Los Angeles, California

²Walgreen Company, Deerfield, Illinois

- **Aug 2011-July 2012**
- **6.26 million pharmacist administered vaccines US wide – Walgreens only**
- **Retrospective pharmacy data review**
 - Simulated clinic hours vs off-clinic hours
 - 49 states
 - Pharmacist administered

USC School
of Pharmacy

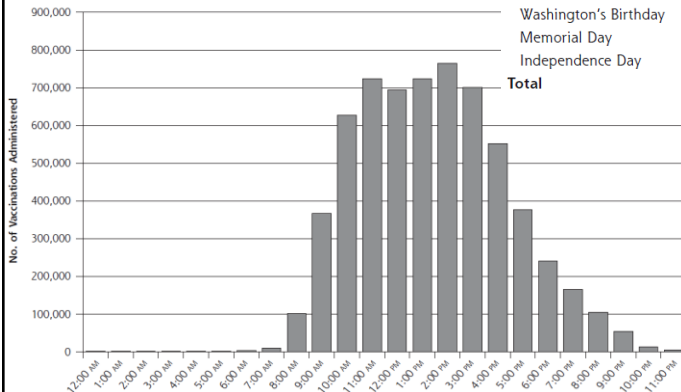
Goad J. Ann Fam Med 2013;429-436

University of Southern California

People gets shots when they want them!

Off-Clinic Hours Defined:

- 6 PM-9 AM
- Weekends & Holidays

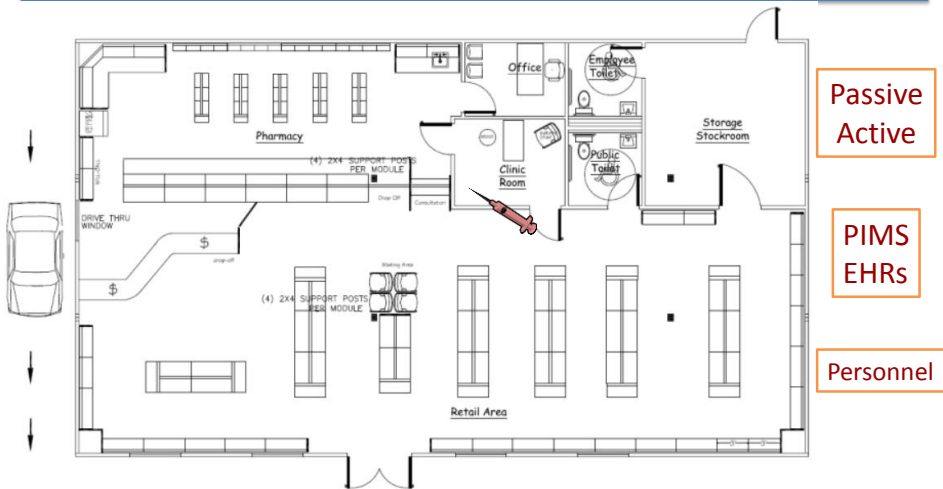


Time of Vaccination	Number	Percent
Traditional clinic hours ^a	4,344,050	69.50
Off-clinic hours	1,906,352	30.50
Evenings ^b	636,973	10.19
Weekends	1,087,028	17.39
Federal holidays ^c	182,351	2.92
Labor Day	18,872	0.30
Columbus Day	91,008	1.46
Veterans Day	42,607	0.68
Thanksgiving Day	1,436	0.02
Christmas Day	6,808	0.11
New Year's Day	9,085	0.15
Birthday of Martin Luther King, Jr	6,592	0.11
Washington's Birthday	3,614	0.06
Memorial Day	1,165	0.02
Independence Day	1,164	0.02
Total	6,250,402	100.00

Goad J. Ann Fam Med 2013;429-436

University of Southern California

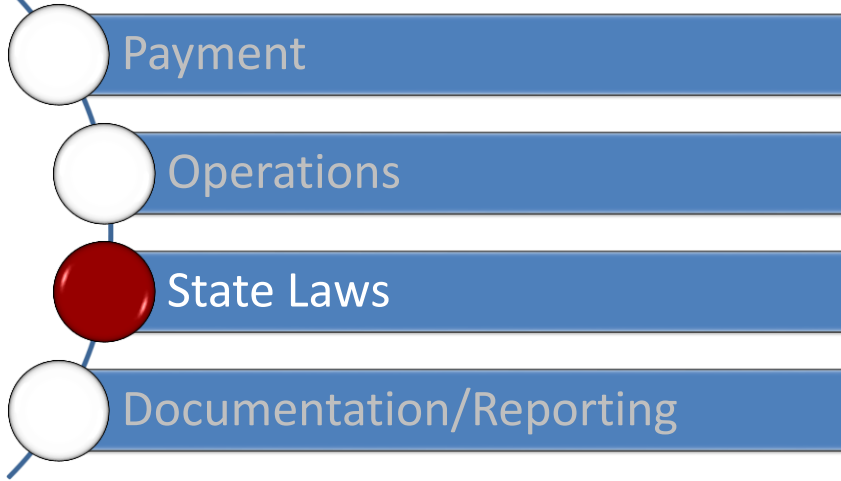
Community Pharmacy Operations



USC School of Pharmacy

University of Southern California

Increase Pharmacy-Based Immunization



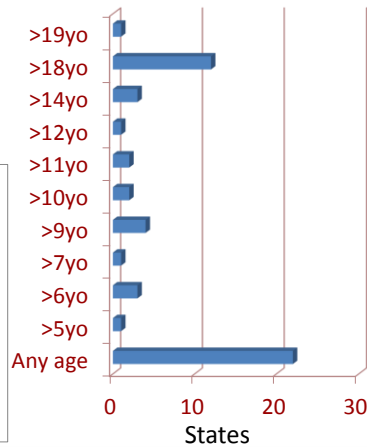
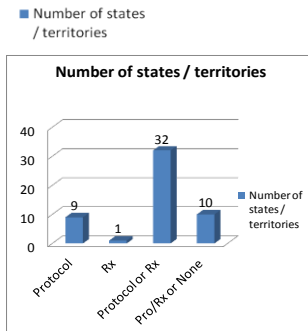
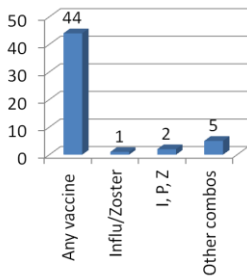
USC School of Pharmacy

University of Southern California

US Pharmacist Immunization State Laws



Number of states / territories

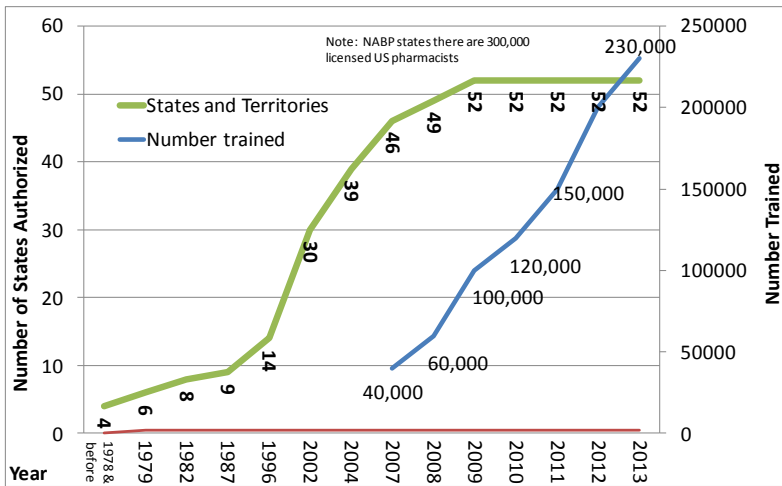


USC School of Pharmacy

Based upon APHA / NASPA Survey of State IZ Laws/ Rules (effective July 1, 2013)

University of Southern California

Number of States Authorizing Pharmacists to Administer Influenza Vaccine and Number of Pharmacists Trained to Administer Vaccines

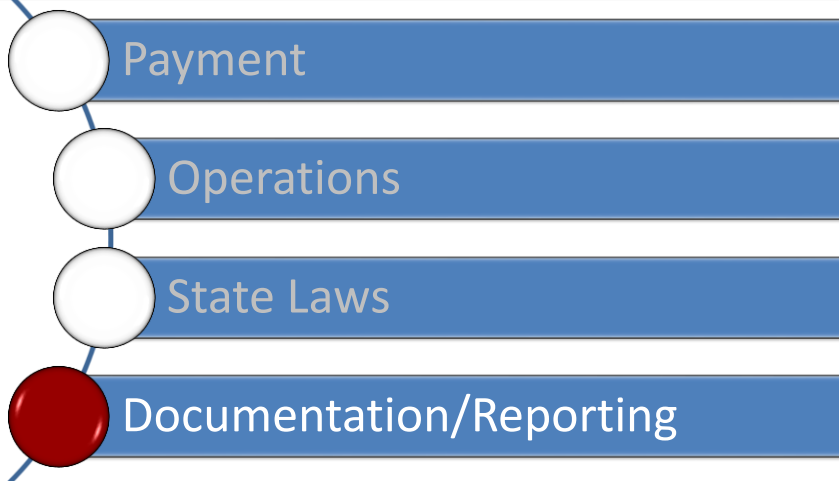


Updated October 2013, APhA

USC School
of Pharmacy



University of Southern California

Increase Pharmacy-Based Immunization




USC School
of Pharmacy

University of Southern California

PIMS



EHR

	YES	NO
1. Have you ever had a severe reaction to any vaccine that required medical care? If yes, describe: _____	_____	_____
2. Do you have any allergies to food, medications, or vaccines?	_____	_____
3. Are you sick today?	_____	_____
4. Have you had Guillain-Barre Syndrome, seizure, brain, or nerve problems?	_____	_____
5. Are you pregnant or planning to become pregnant in the next 3 months?	_____	_____
6. Are you or anyone in your household being treated with chemotherapy or radiation for cancer, have HIV/AIDS or any immune deficiency disorder?	_____	_____
7. Do you or anyone in your household take oral prednisone (>20mg/day) or other oral steroids, or anticancer drugs?	_____	_____
8. Do you have a bleeding disorder or take "blood thinners" like coumadin or heparin?	_____	_____

The following questions will help determine any other indications or contraindications

- What adult vaccinations has this patient received (vaccine and date)?

- List all Rx and OTC medications this patient is currently taking

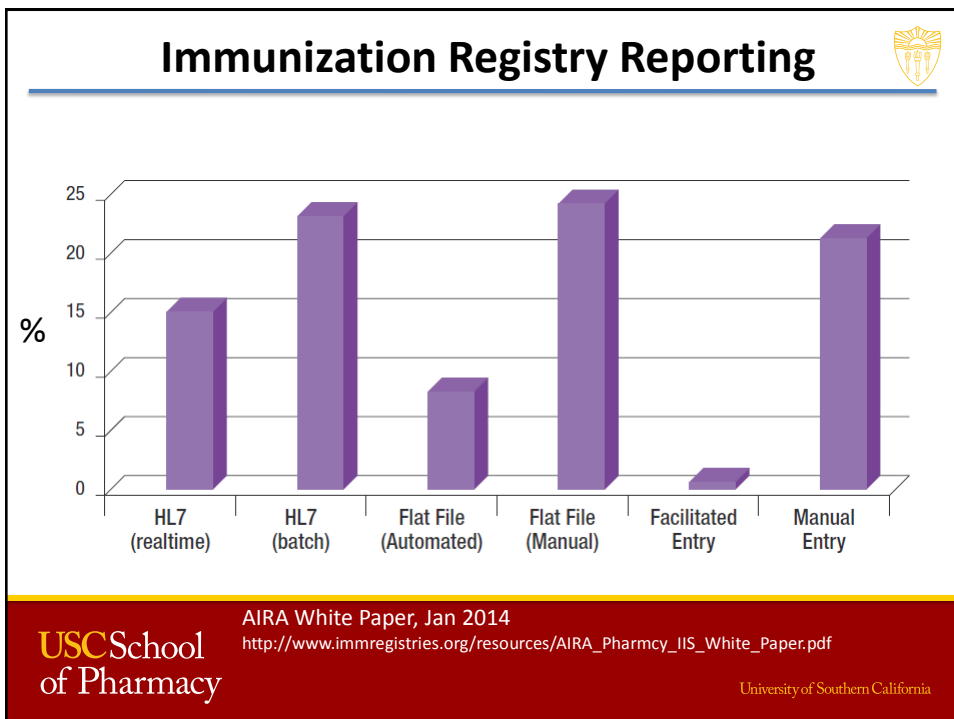
- List all current medical conditions

INFORMATION ABOUT PERSON TO RECEIVE VACCINE (please print)

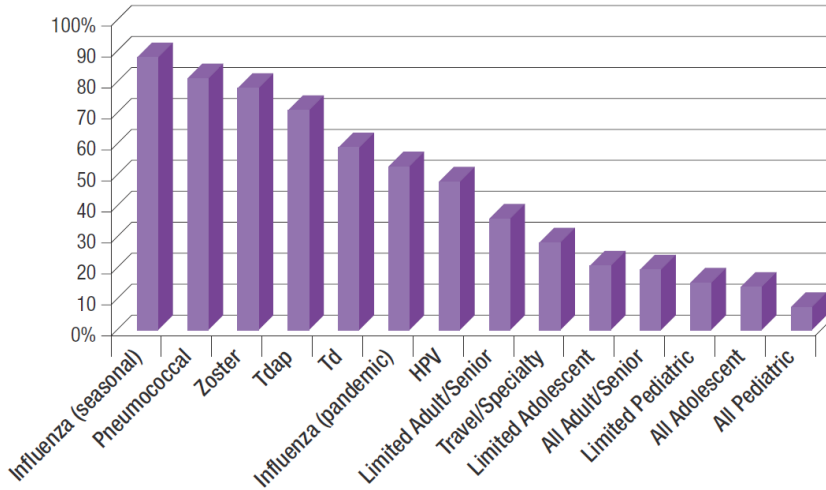
NAME last	first	middle initial	SOCIAL SECURITY NUMBER
ADDRESS	CITY	STATE/ZIP	PHONE#
BIRTHDATE	SEX	PHYSICIAN	PHYSICIAN PHONE OR FAX

Yes No I request to have this information sent to the physician's office specified above

VACCINE	LOT #	EXP DATE	MANUFACTURER	DOSE (mL)	ADMINISTRATOR	VIS DATE



IIS Vaccines Reported



USC School
of Pharmacy

University of Southern California

Thank You



USC School
of Pharmacy

University of Southern California