Texas – The Lone Star State

- 261,232 square miles
- Total population: 28,304,596
- Total adult population (18-64 yrs): 16,560,325
- More than 7,460 pharmacies in Texas

(Source: 2015 Small Area Health Insurance Estimates Program, US Census Bureau)
Texas Pharmacy Partnerships

Prior to Adult Prevention and Public Health Fund (PPHF)

- ImmTrac2 use:
  - Large chain pharmacies headquarters submit data on behalf of sub-sites
  - Few independent pharmacies
- Barriers
  - Consent process
  - Low pharmacist and staff knowledge of the registry
- DSHS interaction: Low

Establishing New Pharmacy Partnerships

Texas Pharmacy Association (TPA)

- Partnership opportunities
- Newsletter articles
- Conference presentations and booths
- Shared information and resources about ImmTrac2
- 2018 Texas Pharmacy Association Conference
  - Presentation
  - Exhibition Hall Booth
    - Immunization Resources
    - ImmTrac2 Resources
Establishing New Pharmacy Partnerships

Large Chain Pharmacies
(Walgreens, HEB)
• Pharmacy site visit participation
• Barriers:
  • Approval process long for site visit
  • Adoption of consent process strict
  • Already developed materials

Independent Pharmacies
• Pharmacy site visit participation
• More flexibility with adoption of registry consent process.

Pharmacy Site Visits

Goal of Adult PPHF
To remove barriers to vaccines and improve vaccination coverage rates for adults in Texas.

CDC Standards for Adult Immunization Practice
1. Assess immunization status for all patients at every encounter.
2. Strongly recommend vaccines patients need.
3. Administer needed vaccines or refer patients to a provider who vaccinates.
4. Document vaccinations that patients receive.

Pharmacy Site Visits

Target populations
• Pharmacies
  • Large Chain
  • Independent

Objectives
• Offer education to clinic staff
• Encourage reporting the number of vaccine doses administered to adults to ImmTrac2 (Texas immunization registry)
• Increase adult immunization coverage rates
• Increase partnerships

Adult PPHF Pharmacy Site Visits

2017 Initial Pharmacy Site Visit
Pharmacy site visit:
• Standards for Adult Immunization Practice
• Storage and handling
• Provide immunization educational resources and encourage immunizations trainings
• Reviewer: Adult and Adolescent Immunization Coordinators (AAIC)
Adult Immunization Program Quality Assurance

2018 Pharmacy Site Visits
- CDC Standards for Adult Immunization Practice
- Provide immunization educational resources
- Reviewer: DSHS Contractor

2018 Adult Site Visit Reviewer Tool

WELCOME
Welcome to the 2018 Adult Site Visit Reviewer Tool!

This reviewer tool is divided into two sections:
1. Standards for Adult Immunization Practice
2. Compliance Site Visit Questionnaire

Section 1 assesses the implementation of immunization standards. All adult providers will be evaluated on questions found in Section 1.

Section 2 assesses the implementation of best practices for storage & handling of vaccine and other AAP Program requirements. For non-AAP providers, they will only be evaluated on storage & handling practices.

Adult Immunization Program Activity (Adult PPHF)

2017: Pharmacy Site Visits
- December 2017 - February 2018
- 8 Initial site visits completed
- Independent pharmacy

2018: Pharmacy Site Visits
- June - August 2018
- 1,225 pharmacy sites
- Independent pharmacy
- Large chain pharmacy
Results - Assess

Do you/your staff assess a patient’s needs at every visit?

- Always: 47%
- Sometimes: 52%
- Never: 1%

Results - Assess

What do you use to assess a patient’s vaccine needs?

- EMR/HER: 98%
- Patient Records: 1%
- ImmTrac2: 1%

*Response could include multiple selections.*
Results - Recommend

Do you or your staff recommend vaccine(s) to patients?

- Yes: 99%
- No: 1%

Results - Administer

Do you vaccinate in your facility?

- Yes: 99%
- No: 1%
Results - Refer

If you do not carry all recommended vaccines, do you refer the patient to another facility?

- Yes: 99%
- No: 1%

Results - Refer

What type of clinics do you refer patients for vaccination services?

- State or Local Health Department: 47%
- Pharmacy: 37%
- Other: 95%

* Response could include multiple selections.
Do you or your staff check if your patient is currently listed in ImmTrac2?

- Yes: 95%
- No: 5%

If you or your staff do not find the patient in ImmTrac2, is consent collected?

- Yes: 4%
- No: 96%
Pharmacy Registry Activity

- Pharmacies registered in ImmTrac2
  2018: 2,749
  2019: 3,420
- Immunization submitted:
  2018 (January): 2,322,628
    Accepted – 395,913 (17%)
    Rejected – 1,026,320 (44%)
    Other* - 900,395 (38%)
  2019 (April): 6,228,543
    Accepted – 912,515 (15%)
    Rejected – 5,314,991 (85%)
    Other* - 1,037

Key Findings

Pharmacies are:
- Not using the registry to assess immunizations compared to EMR/HER
  - Incomplete immunization record
  - Over/under immunization
- Actively vaccinating and sending information to ImmTrac2
  - Number of accepted immunizations in ImmTrac2 shows need to improve adult consents
Challenges

- Short amount of time for site visit with pharmacist.
  - Reduced education:
    - Immunization resource education
    - ImmTrac2 consent process education
  - Pharmacy access to ImmTrac2 (web-based)
- Adoption of ImmTrac2 consent process in large pharmacy chain systems

Moving Forward

Continue to:
- Strengthen relationships with pharmacies
- Work with pharmacies to:
  - Adopt a process to assess patient immunization records using ImmTrac2
  - Educate on ImmTrac2 consent process to increase the number of accepted immunizations
Thank You!

Denise Starkey, MPH, MA
Denise.Starkey@dshs.texas.gov