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# **Disrupt the Flu: Recommendations for Vaccine Uptake**

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**Flu Team**

**Assessment, Compliance, and Epidemiology Branch**

# Topics



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- Texas Influenza Vaccination Trends
- Reports and Flu Dashboards
- Promoting Flu Vaccine Administration



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# Texas Influenza Vaccination Trends

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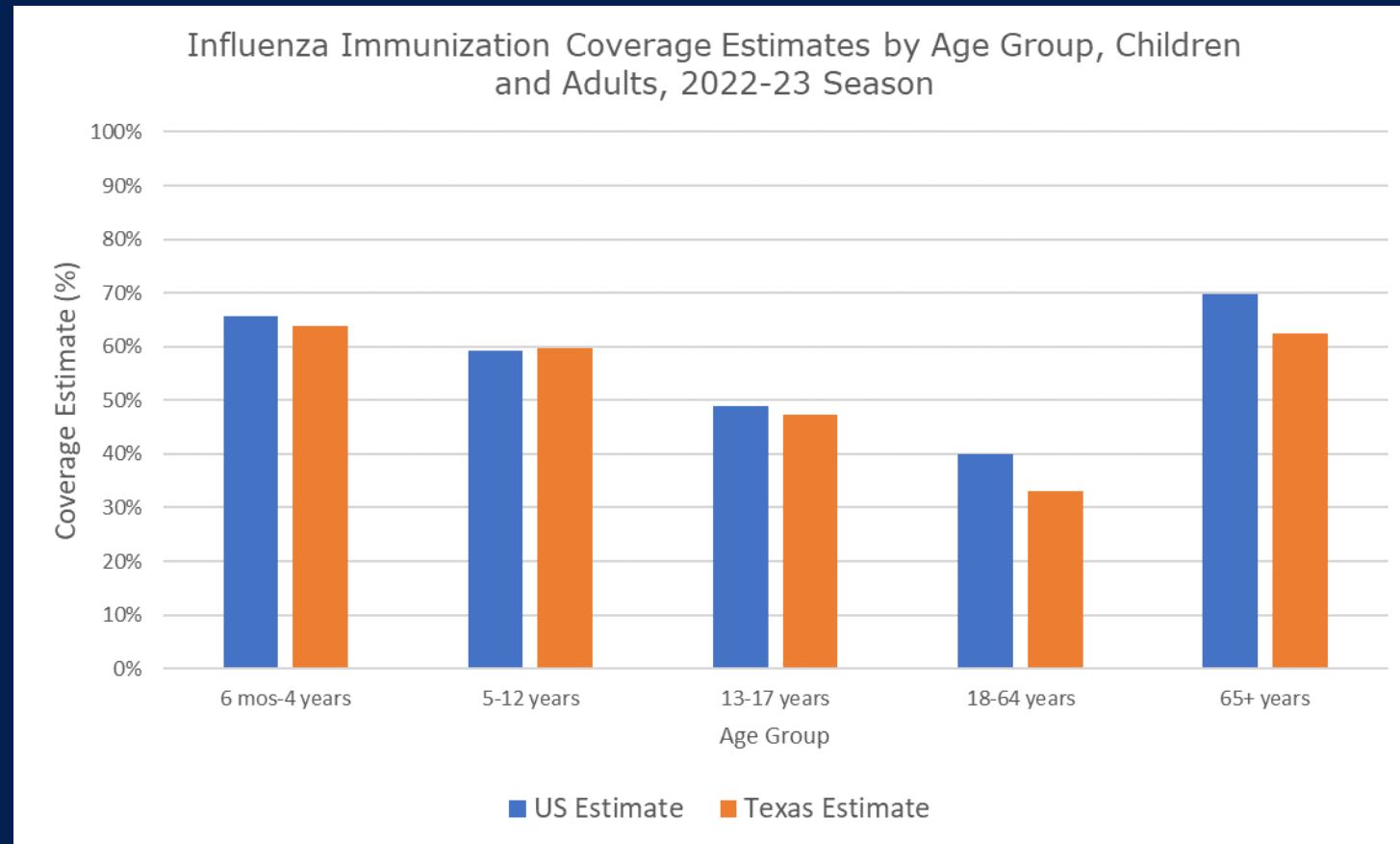
**Nurriya Mohammad**

**Epidemiologist II**

**Assessment, Compliance, and Epidemiology Branch**

# Influenza Vaccination Coverage Estimates, 2022-23 Season

## United States and Texas by Age Group



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# National Immunization Survey (NIS) - Flu, 2022-23 Season

## Texas Pediatric Flu Vaccination Coverage Estimates

Age Groups	Texas 2021-22 Season	Texas 2022-23 Season	TX Percentage Point Difference
6 months – 17 years	57.5%	57.7%	0.2%
6 months – 4 years	68.7%	63.9%	-4.8%
5-12 years	55.0%	59.8%	4.8% <sup>a</sup>
13-17 years	51.0%	47.3%	-3.7%

<sup>a</sup> Significantly different (p<0.05) in 2022-23 Season compared to 2021-22 Season



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# National Immunization Survey (NIS) - Flu, 2022-23 Season

## Texas Adult Flu Vaccination Coverage Estimates

Age Groups	Texas 2021-22 Season	Texas 2022-23 Season	TX Percentage Point Difference
18+ years	43.0%	38.6%	-4.4% <sup>a</sup>
18-49 years	31.9%	28.6%	-3.3%
18-49 years at high risk	43.3%	30.5%	-12.8% <sup>a</sup>
18-64 years	36.4%	33.1%	-3.3%
18-64 years at high risk	48.0%	40.5%	-7.5% <sup>a</sup>
50-64 years	47.3%	45.0%	-2.3%
65+ years	71.5%	62.4%	-9.1%

<sup>a</sup> Significantly different (p<0.05) in 2022-23 Season compared to 2021-22 Season



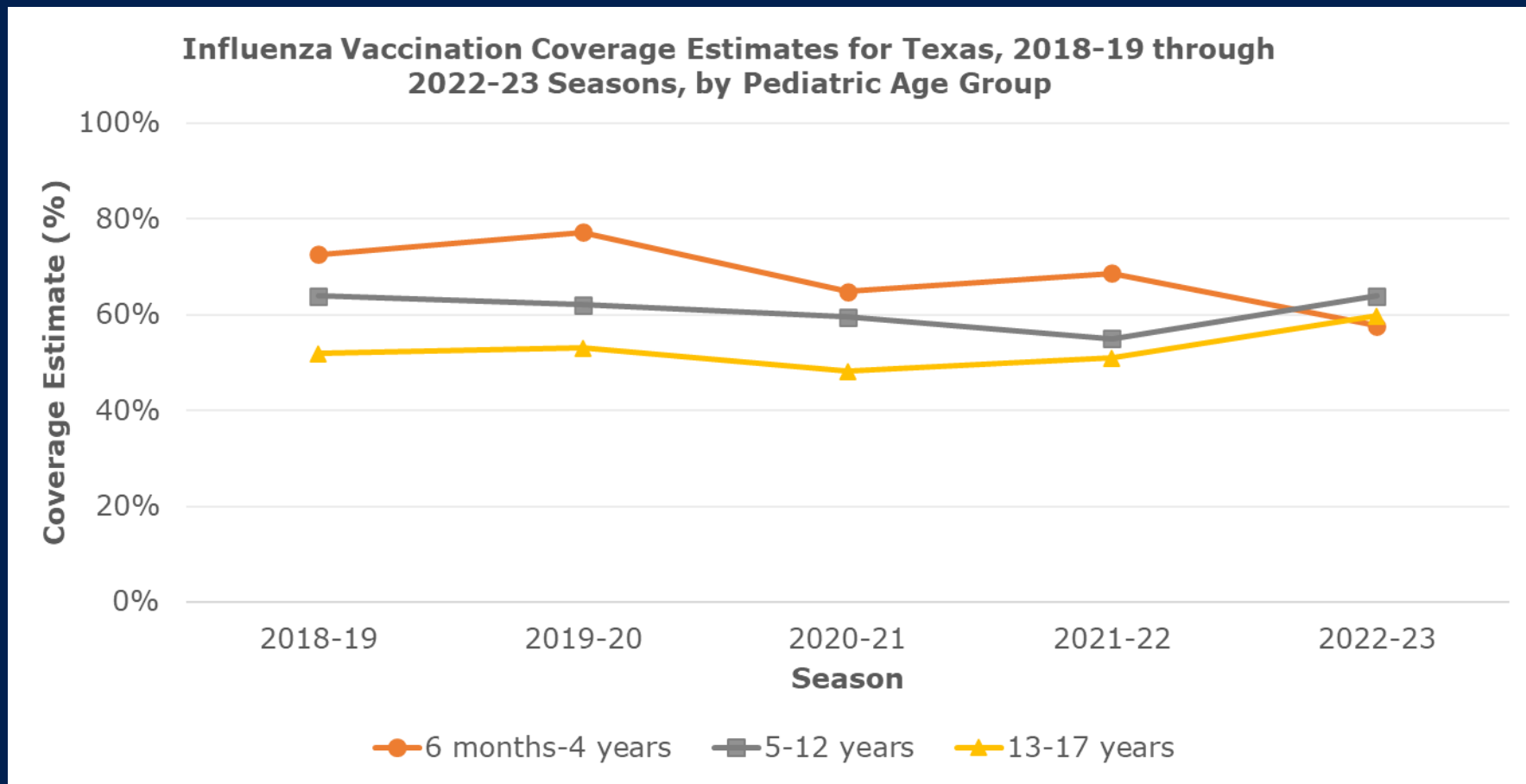
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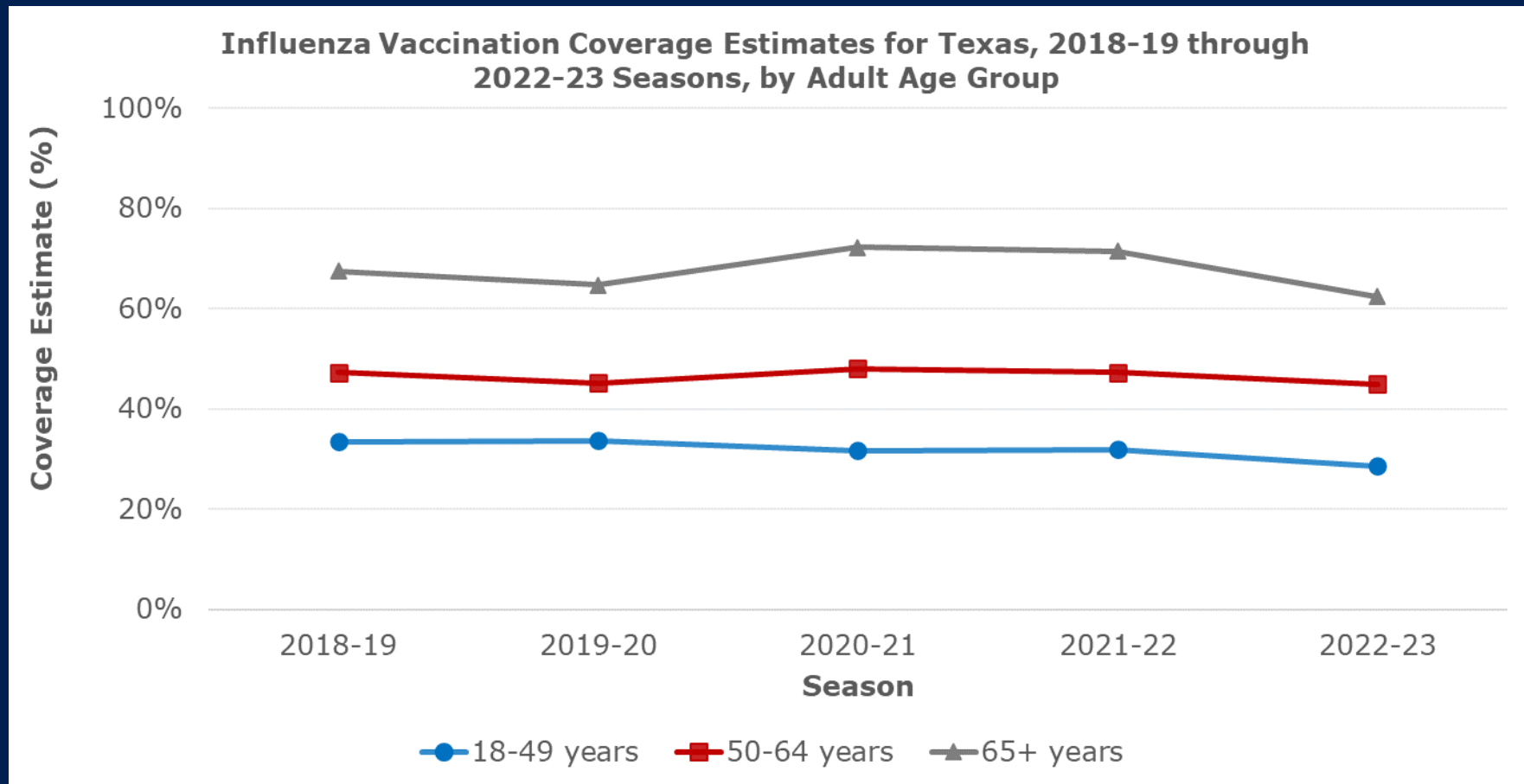
# Influenza Vaccination Coverage Estimates, 2018-19 Season to 2022-23 Season

## Texas by Pediatric Age Group



# Influenza Vaccination Coverage Estimates, 2018-19 Season to 2022-23 Season

## Texas by Adult Age Group



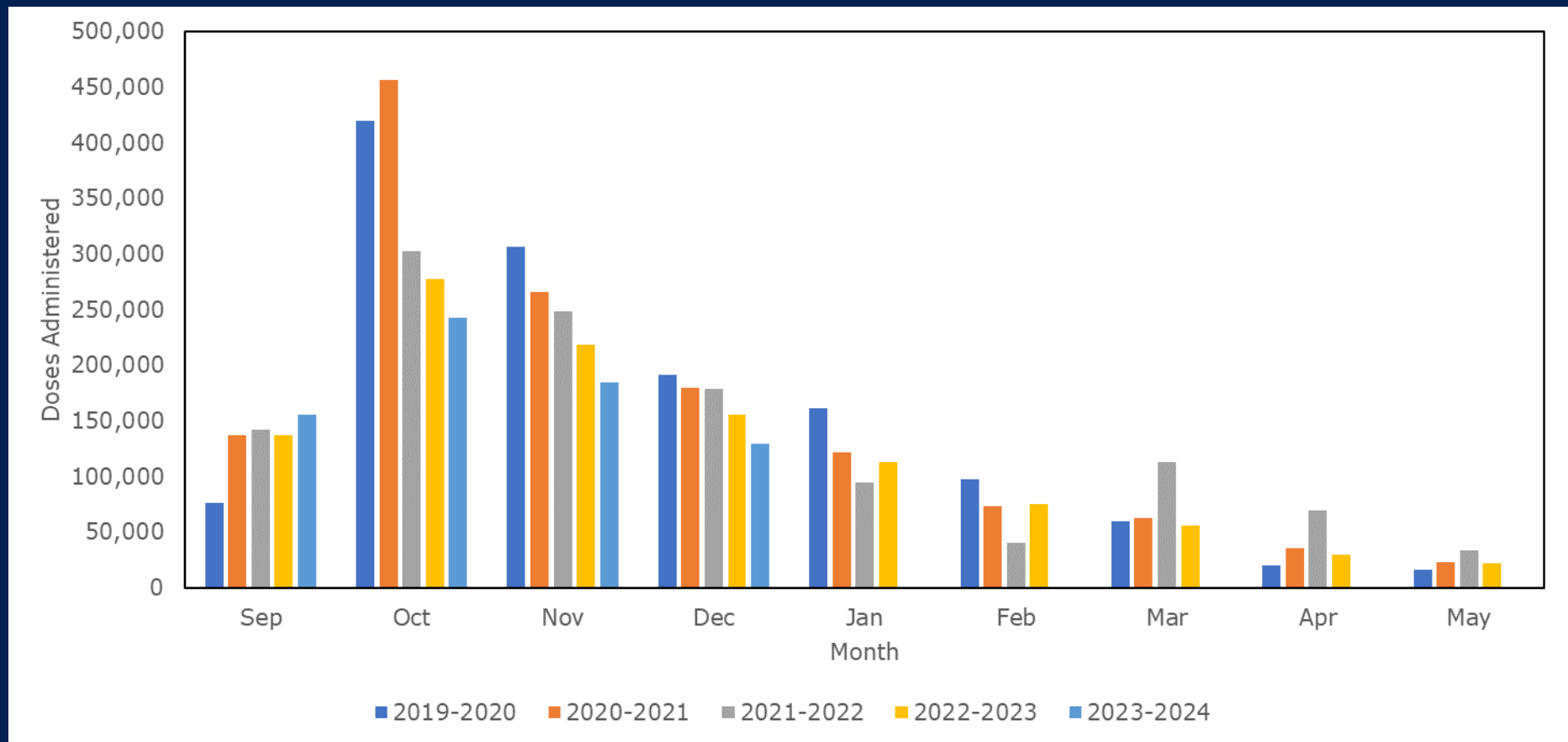
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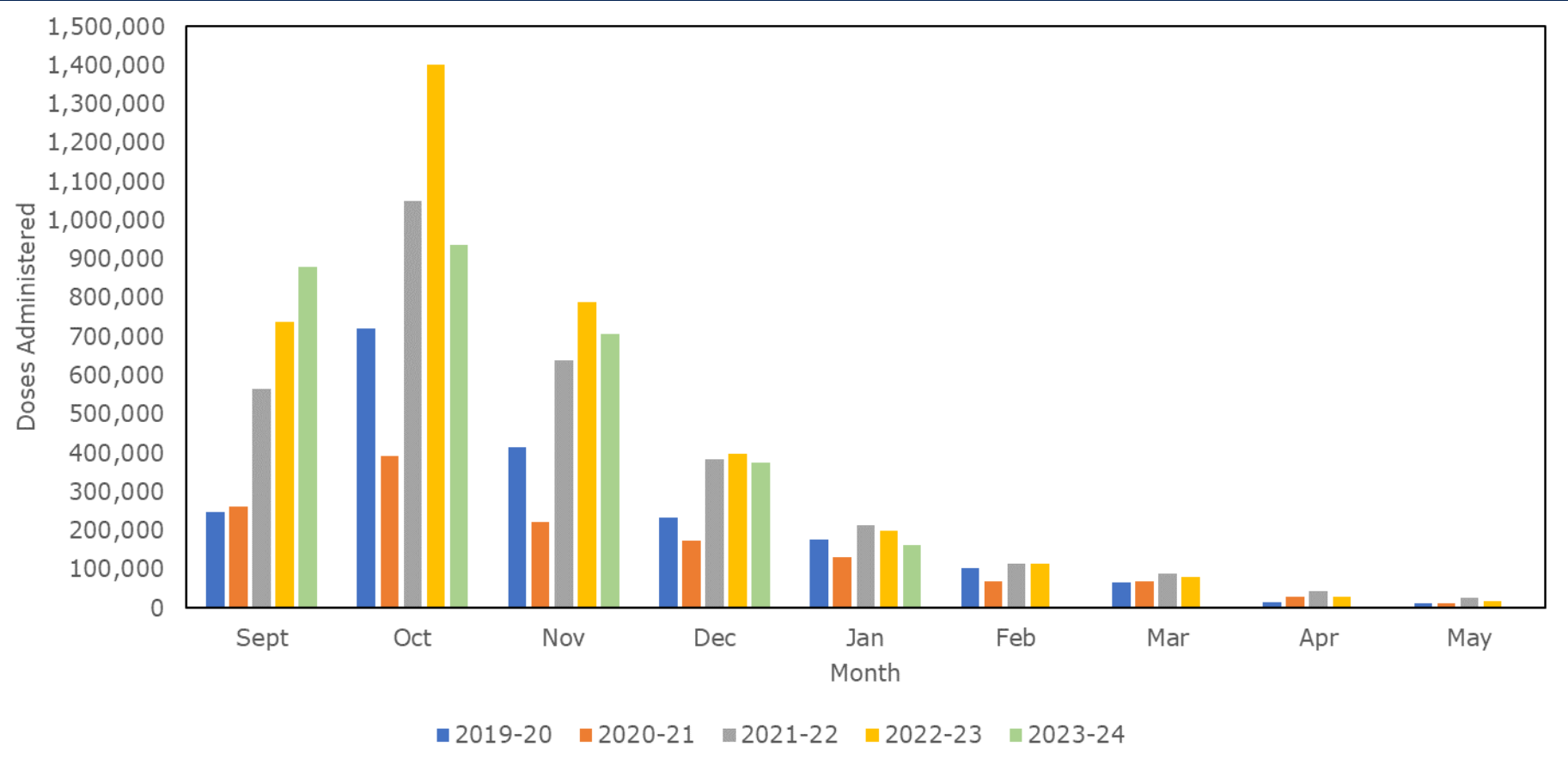
# Texas Vaccines for Children (TVFC) Doses Administered

2019-20 to 2023-24 Flu Season: ≤18 years



# ImmTrac2 Flu Vaccine Administration

## 2019-20 to 2023-24 Flu Season: All Ages



# Contact Information



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For any influenza immunization questions,  
please contact:

[Imm.epi@dshs.texas.gov](mailto:Imm.epi@dshs.texas.gov)



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# **Reports and Flu Dashboards**

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# Reports in VAOS

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## Reminder

*Clinics participating in the TVFC Program are required to offer all ACIP-recommended vaccines to the eligible populations they serve, including influenza vaccine.*

Texas Department of State Health Services. (2023). *Texas Vaccines for Children and Adult Safety Net Provider Manual*. [11-13602 2023 TVFC-ASN Provider Manual 08-2023.pdf \(texas.gov\)](#)



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# Reports in VAOS (continued)

The screenshot shows the 'Reports' section of the VAOS interface. At the top, there is a search bar and a breadcrumb trail: 'Vaccine Distribution...' > 'Reports'. Below this, the 'All Folders' section is active, showing a list of 10 items. The interface includes a sidebar with navigation options like 'Recent', 'Created by Me', 'Private Reports', 'Public Reports', 'All Reports', 'FOLDERS', and 'FAVORITES'. The main table lists various report folders with their creation and modification dates.

REPORTS	Name	Created By	Created On	Last Modified By
Recent	DSHS Texas Vaccine Orders Team		9/8/2023, 9:34 AM	
Created by Me	Region 1 RE Reports		1/5/2023, 2:02 PM	
Private Reports	Region 11 RE Reports		1/6/2023, 10:50 AM	
Public Reports	Region 2/3 RE Reports		1/6/2023, 10:33 AM	
All Reports	Region 4/5N RE Reports		1/6/2023, 10:43 AM	
FOLDERS	Region 6/5S and COH RE Reports		1/6/2023, 10:44 AM	
<b>All Folders</b>	Region 7 RE Reports		1/6/2023, 10:45 AM	
Created by Me	Region 8 and SAMHD RE Reports		1/6/2023, 10:47 AM	
Shared with Me	Region 9/10 RE Reports		1/6/2023, 10:48 AM	
FAVORITES	Regional User Reports		4/14/2022, 1:34 PM	
All Favorites				



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# Reports: 2024-2025 Provider Flu Pre-Book

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The 2024-2025 Provider Flu Pre-Book report shows provider flu pre-book vaccine requests in ordering, not ordering, survey not completed, or received statuses for the PHR.



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# Reports: 2024-2025 Provider Flu Pre-Book (continued)



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☰ Vaccine Distribution...

☰ Reports

📄 2024-2025 Provider ...

📄 Report: Vaccine Requests with Facility  
**2024-2025 Provider Flu Pre-Book PHR**

✎ Enable Field Editing
 🔍
📊 Add Chart
 ⌵

View Provider 24-25 Flu Pre-Book Vaccine Requests in 'Ordering', 'Not Ordering', 'Survey Not Completed', or 'Received' Statuses for PHR

Total Records

78

Total Quantity requested

16,600

	Provider PIN	Account Name: Account Name	Region	Sub-region	Master Order Number	Vaccine Request Start Date	Vaccine: Vaccine Name	Vaccine Program	Quantity requested	Status
1			REGION		00593447	1/22/2024	Afluria MDV; Ped; 2024-2025	FLU	50	Ordering
2			REGION		00590253	1/16/2024	Afluria PFS; Ped; 2024-2025	FLU	10	Ordering
3			REGION		00590324	1/16/2024	Afluria PFS; Ped; 2024-2025	FLU	50	Ordering
4			REGION		00594270	1/23/2024	Afluria PFS; Ped; 2024-2025	FLU	20	Ordering
5			REGION		00590254	1/16/2024	Flucelvax PFS; Ped; 2024-2025	FLU	10	Ordering
6			REGION		00593642	1/22/2024	Flucelvax PFS; Ped; 2024-2025	FLU	50	Ordering
7			REGION		00589940	1/16/2024	FluLaval PFS; Ped; 2024-2025	FLU	200	Ordering
8			REGION		00589941	1/16/2024	FluLaval PFS; Ped; 2024-2025	FLU	300	Ordering
9			REGION		00589946	1/16/2024	FluLaval PFS; Ped; 2024-2025	FLU	200	Ordering
10			REGION		00589951	1/16/2024	FluLaval PFS; Ped; 2024-2025	FLU	500	Ordering



# Reports: Utilizing the 2024-2025 Provider Pre-Book Report

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REs should review providers who:

- Selected "not ordering" and verify they are providers whose facility or office only gives specific vaccines.
- Serve patients younger than 6 months of age.
- Are DSHS sites that do not see patients.

REs should analyze the pre-book survey information providers have entered to support that the doses requested is accurate for their facility.

REs should contact providers if:

- The pre-book survey has not been completed by the provider.
- The requested amount is inaccurate for their facility.



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## Reports: Flu (Allocated vs Accepted)

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The Flu (Allocated vs Accepted) report shows the total amount of the vaccine presentation requested, total amount allocated, total amount accepted, and the status of the allocation.



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# Reports: Flu (Allocated vs Accepted) (continued)

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- Status of the allocation:
  - Received- The provider has gone into VAOS to accept the allocated doses, and the doses allocated have been received.
  - Rejected- The provider has gone into VAOS to reject the allocated doses, indicating they are accepting 0 doses.
  - Expired- The provider has not gone into VAOS to accept or reject the allocated doses, and the allocation has expired.



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# Reports: Utilizing the Flu (Allocated vs Accepted) Report

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- REs should examine this report to review providers' status of their allocations during the allocation period in the fall.
- REs should follow up with providers who have rejected their allocations or let their allocation expire to address any issues.
- REs should assist providers by:
  - Showing them how to accept allocations if they are unaware.
  - Informing them they can modify the number of allocations they can accept.



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# Reports: Utilizing the FLU (Allocated vs Accepted) Report

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From previous provider outreach conducted by the Flu Team and VDF Group, common reasons for rejecting allocations or expired allocations included:

- Insufficient storage space.
- Lack of patient interest in receiving the vaccine, leading to the insufficient storage space.
- New coordinators unsure how to accept allocations.
- Identified vaccine coordinator responsible for responding to allocations was either out of office or sick.



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# Reports: Vaccine-Loss Flu Only

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The Vaccine-Loss Flu Only report shows influenza vaccine loss reported by providers.



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# Reports: Utilizing the Vaccine-Loss Flu Only Report

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REs should utilize this report to assist providers in minimizing the amount of vaccine loss if an incident occurs during shipment or in the vaccine storage unit.

- Example - addressing whether they have measures in place for issues with a vaccine storage unit such as a vaccine management plan

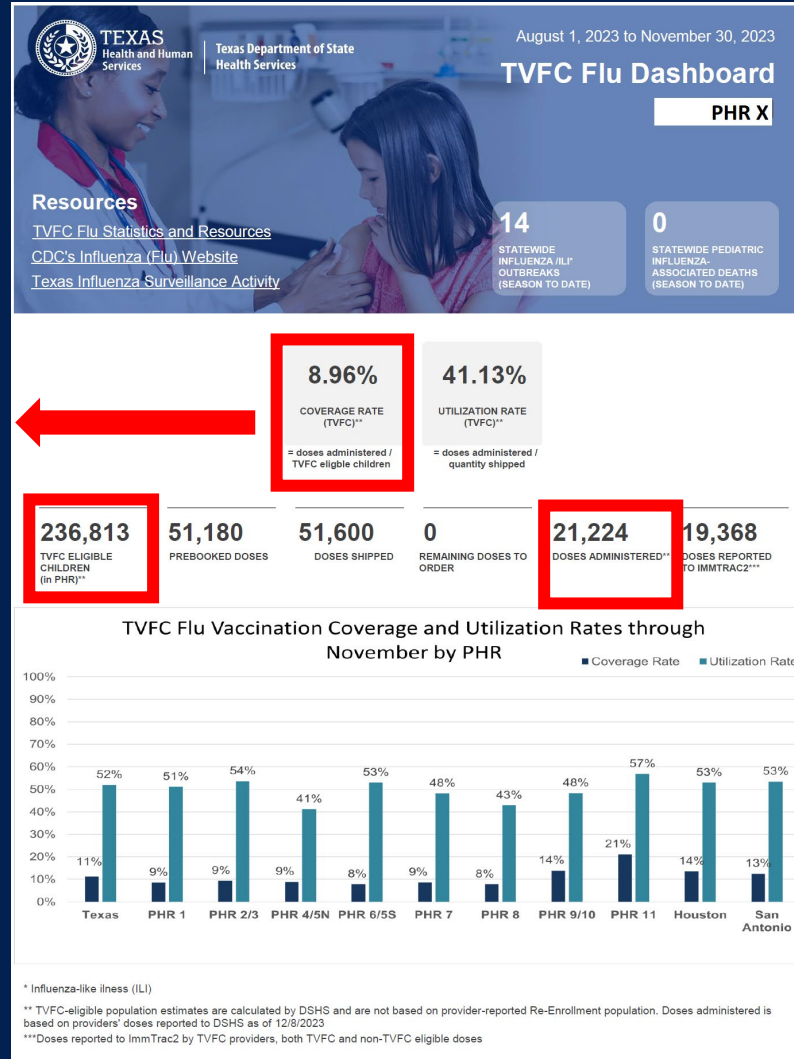
REs can reach out to providers to address those who have a large quantity of doses expired due to not being administered.



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# Flu Dashboard: TVFC Public Health Region

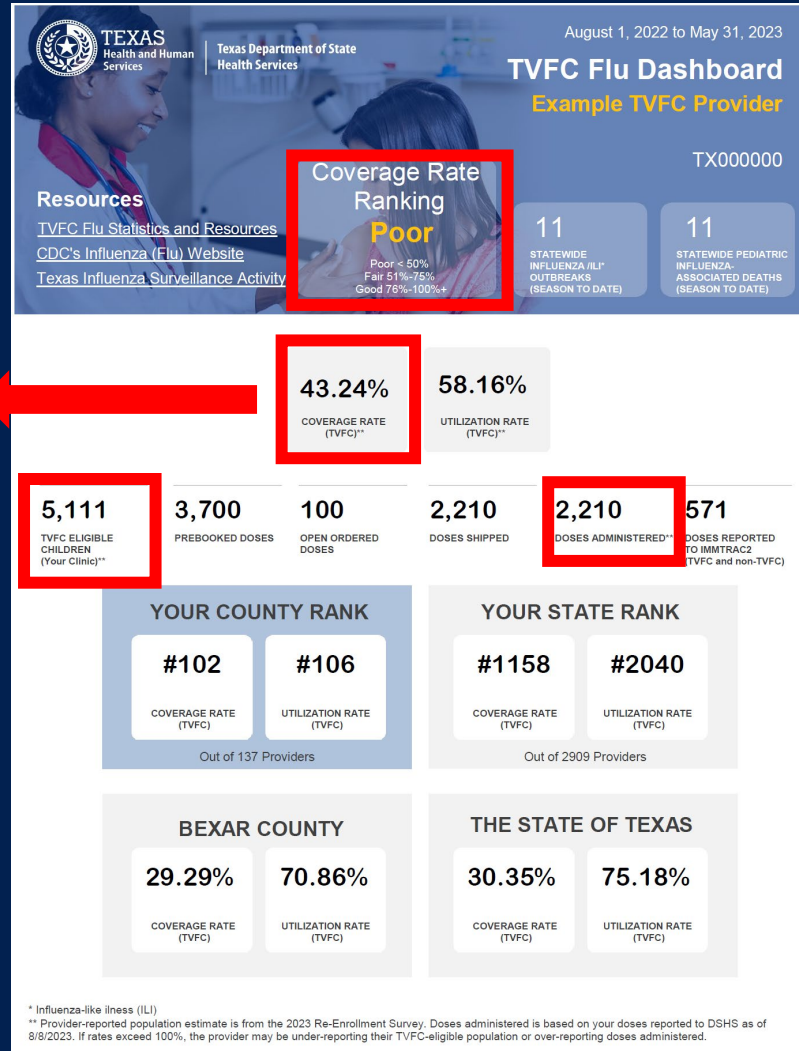


$$\text{Coverage Rate} = \frac{\text{Doses Administered}}{\text{TVFC Eligible Children in PHR}}$$





# Flu Dashboard: TVFC Provider



$$\text{Coverage Rate} = \frac{\text{Doses Administered}}{\text{TVFC Eligible Children in PHR}}$$





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# **Promoting Flu Vaccine Administration**

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# Promoting Flu Vaccine Administration

Practice the S.H.A.R.E. method for making a strong influenza vaccine recommendation.



**SHARE** the reasons why an influenza vaccine is right for the patient given his or her age, health status, lifestyle, occupation, or other risk factors.

**HIGHLIGHT** positive experiences with influenza vaccines (personal or in your practice), as appropriate, to reinforce the benefits and strengthen confidence in influenza vaccination.

**ADDRESS** patient questions and any concerns about influenza vaccines, including side effects, safety, and vaccine effectiveness in plain and understandable language. Acknowledge that while people who get an influenza vaccine may still get sick, there are studies that show that illness may be less severe.

**REMIND** patients that influenza vaccines help protect them and their loved ones from serious influenza illness and complications that can result in hospitalization or even death for some people.

**EXPLAIN** the potential costs of getting influenza, including potential serious health effects for the patient, time lost (such as missing work or family obligations), financial costs, and potentially spreading influenza to more vulnerable family or friends.

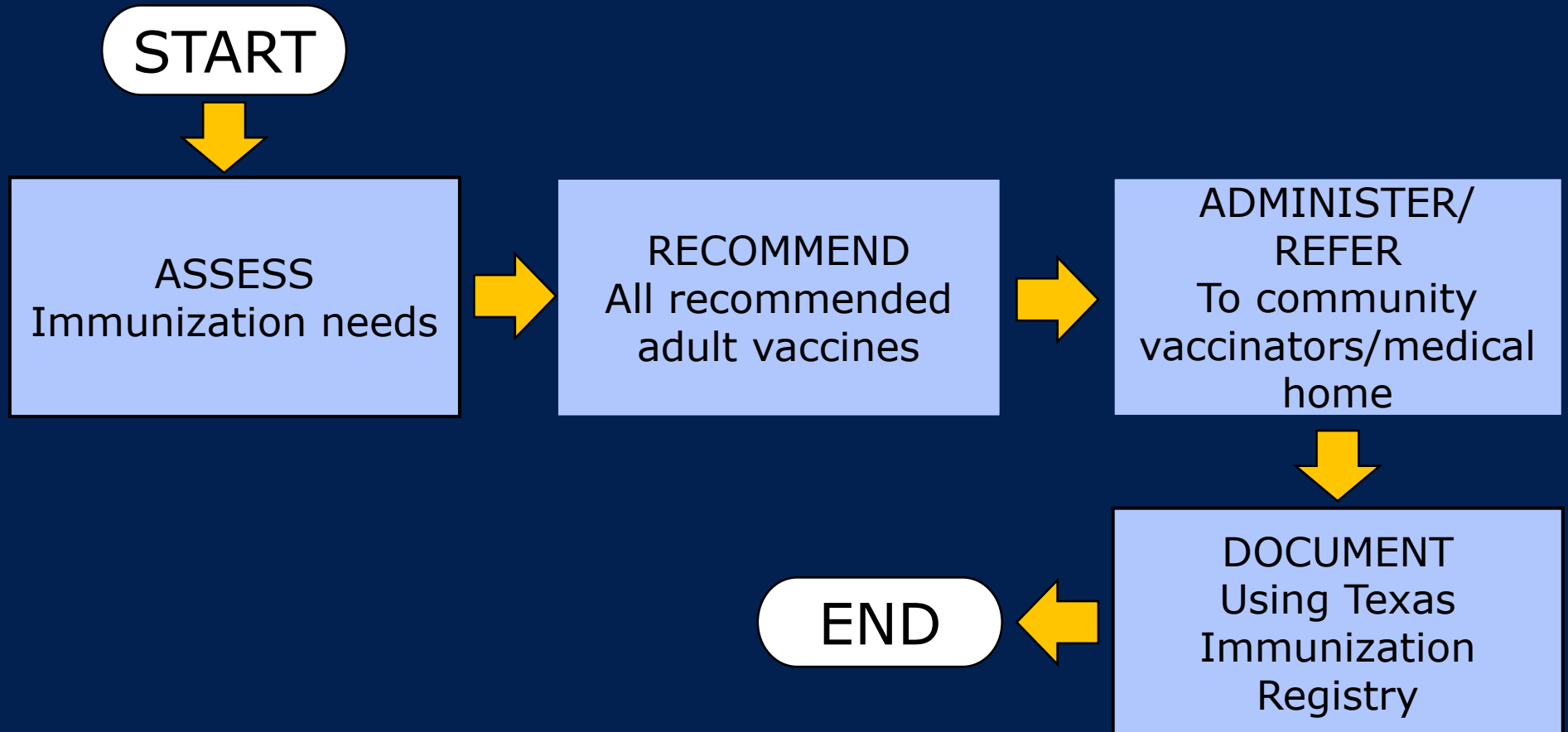


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# Promoting Flu Vaccine Administration

Implement NVAC standards for adult immunization practices for increasing patient protection against the flu.



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# Promoting Flu Vaccine Administration

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REs can remind providers to:

- Run a report from their electronic health record (EHR) prior to the start of flu season to identify children who need to be vaccinated for influenza and start sending reminders.
- Update their reminder systems as soon as influenza vaccine is available in their facility.
- Offer the flu vaccine to patients at every appointment during flu season.
- Utilize resources available to them (webpage, CIVI, promotional materials, Flu Team, etc.).



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# Summary

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## Texas Influenza Vaccination Trends

- Flu vaccination coverage rates are low.
- Certain age groups are continuing to decline in their flu vaccination coverage rate.

## Reports and Flu Dashboards

- REs should utilize reports to conduct outreach with providers to assist in increasing vaccination coverage rates in their region.

## Promoting Flu Vaccine Administration

- It is the responsibility of the provider to make a strong recommendation for the flu vaccine at every patient encounter to do their part in increasing flu vaccination coverage.



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# Questions & Answers

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# Thank You!

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[FluImmProgram@dshs.texas.gov](mailto:FluImmProgram@dshs.texas.gov)