



TEXAS
Health and Human
Services

**Texas Department of State
Health Services**

IIS Initiatives

Modernized Reports, Data Quality
Initiatives, and Automated Onboarding

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Agenda

- Modernized Provider Activity Dashboard
 - Texas Immunization Provider Summary (TIPS) Report
 - Consent Accepted Rate Evaluation (CARE)
 - Provider Activity Reports (PAR)
- Data Quality Initiatives
- Automated Bidirectional Onboarding
- Let's Talk Numbers
- Resources

Provider Activity Dashboard



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IAMOnline

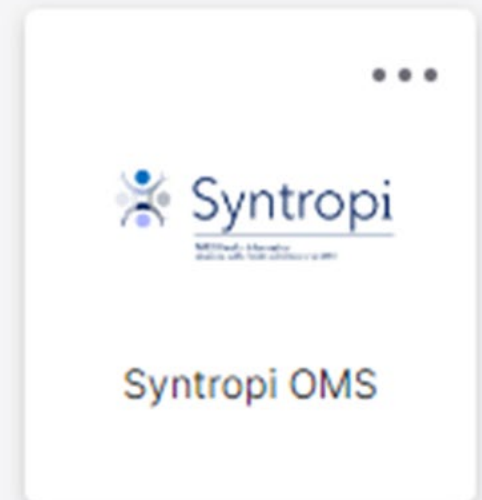
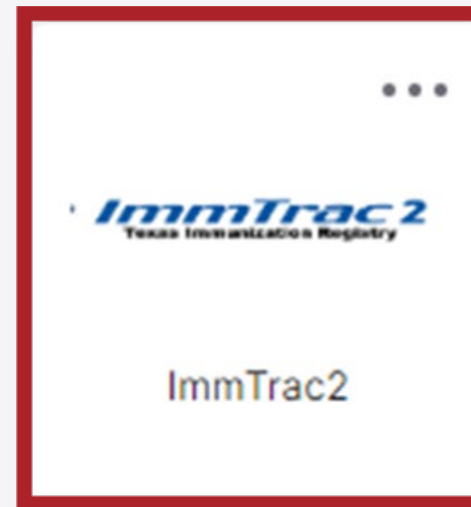
- Navigate to <https://IAMOnline.hhs.state.tx.us> and log in.



My Apps



Acceptable User Agreement (AUA)



ImmTrac2

Once logged into ImmTrac2:

1. In the "Reports" section, click the link for "scheduled report."
2. Click on the "Provider Activity Dashboard" link.

The screenshot shows the ImmTrac2 interface. On the left is a navigation menu with sections: **Schools** (manage list, find student, check school re), **Reports** (generate report, **scheduled report**, modernized reports), and **Maintenance**. A red box labeled '1' highlights the 'scheduled report' link. To the right of the menu, there are two links: [IPO Client Listing LHD Only Austin HHS Division \(City_of\)](#) and [Provider Activity Dashboard](#). A red box labeled '2' highlights the 'Provider Activity Dashboard' link. Below these links, there are two text blocks. The first block describes the 'ImmTrac2 Public Outreach Regional Client Report' and is dated 06/01/2024. The second block describes the 'Provider Activity Dashboard' and is also dated 06/01/2024.

Schools
manage list
find student
check school re

Reports
generate report
scheduled report
modernized reports

Maintenance

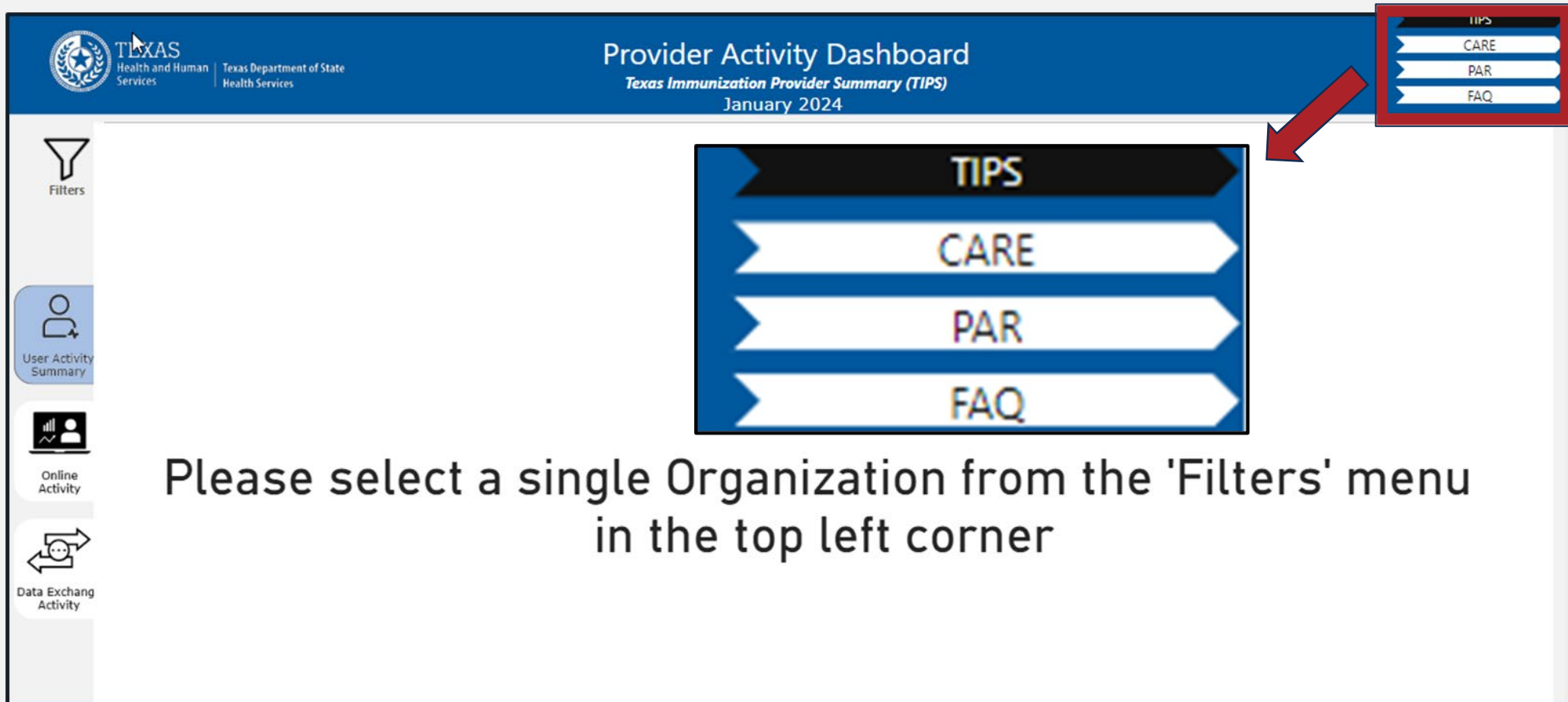
[IPO Client Listing LHD Only Austin HHS Division \(City_of\)](#)

[Provider Activity Dashboard](#)

The ImmTrac2 Public Outreach Regional Client Report captures clients between the age of 19 and 36 months who have not completed their 4:3:1:3:3:1:4 vaccine series and are associated with an organization that reports to a Responsible Entity in this region. 06/01/2024

The Provider Activity Dashboard includes the Texas Immunization Provider Scorecard (TIPS), the Consent Accepted Rate Evaluation (CARE) and the Provider Activity Report (PAR). 06/01/2024

Select a Report: TIPS, CARE, or PAR



The screenshot displays the 'Provider Activity Dashboard' for January 2024, titled 'Texas Immunization Provider Summary (TIPS)'. The dashboard header includes the Texas Department of State Health Services logo and name. A sidebar on the left contains navigation links: 'Filters' (funnel icon), 'User Activity Summary' (person icon), 'Online Activity' (bar chart icon), and 'Data Exchange Activity' (circular arrows icon). The main content area features a large selection menu with four options: 'TIPS' (highlighted in black), 'CARE', 'PAR', and 'FAQ'. A red arrow points from a smaller version of this menu in the top right corner to the larger central menu. Below the menu, a text instruction reads: 'Please select a single Organization from the 'Filters' menu in the top left corner'.

Provider Activity Dashboard
Texas Immunization Provider Summary (TIPS)
January 2024

Filters

User Activity Summary

Online Activity

Data Exchange Activity

TIPS
CARE
PAR
FAQ

Please select a single Organization from the 'Filters' menu in the top left corner

TIPS Report



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Select an Organization

The screenshot displays the 'Provider Activity Dashboard' for May 2024, titled 'Texas Immunization Provider Summary (TIPS)'. The dashboard header includes the Texas Health and Human Services logo and the Texas Department of State Health Services. On the right side of the header, there are links for TIPS, CARE, PAR, and FAQ. The left sidebar contains four menu items: 'Filters' (highlighted with a red box and a red arrow pointing to it), 'User Activity Summary', 'Online Activity', and 'Data Exchange Activity'. The main content area is currently empty.

TEXAS Health and Human Services | Texas Department of State Health Services

Provider Activity Dashboard
Texas Immunization Provider Summary (TIPS)
May 2024

TIPS
CARE
PAR
FAQ

Filters
User Activity Summary
Online Activity
Data Exchange Activity

Filters let you select an organization

Please select a single Organization from the 'Filters' menu in the top left corner

Choose a Reporting Period

Filters

Monthly Reporting Period

Latest Reporting Period

Org Code & Provider Name

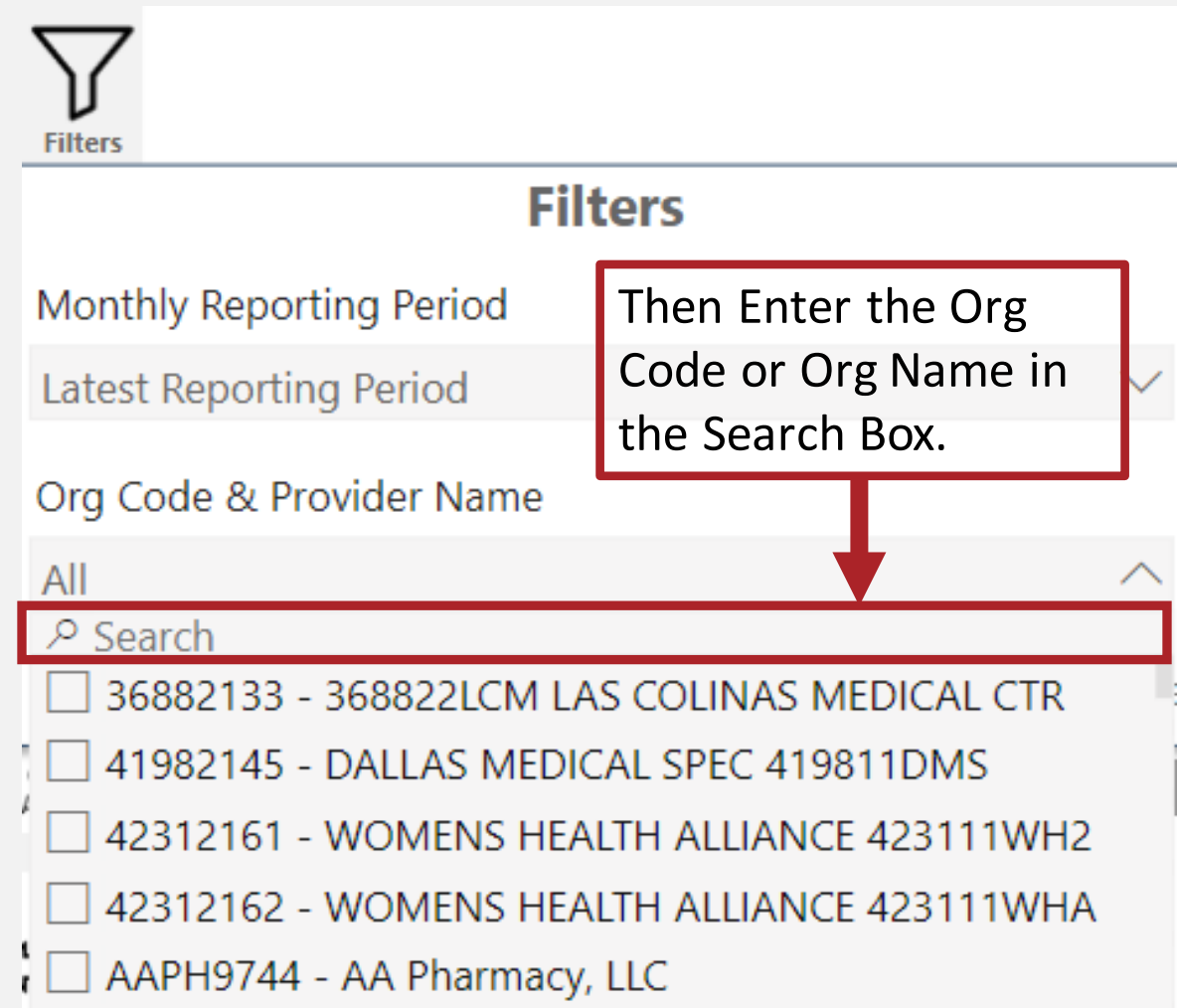
All

← Close Filter Pane

Choose a Month and Year Reporting Period or Latest Reporting Period

Enter Org Code or Name

If you do not have any organizations reporting to your organization, then you will only see your organization listed.



The screenshot shows a web application interface with a 'Filters' section. At the top left of the filters area is a funnel icon and the word 'Filters'. Below this, there are three filter categories: 'Monthly Reporting Period' with a dropdown menu showing 'Latest Reporting Period', 'Org Code & Provider Name' with a dropdown menu showing 'All', and a search box. A red box highlights the search box, and a red arrow points from a text box above it to the search box. The text box contains the instruction: 'Then Enter the Org Code or Org Name in the Search Box.' Below the search box is a list of organizations, each with a checkbox and a text entry.

Monthly Reporting Period	Org Code & Provider Name
Latest Reporting Period	All
	Search
	☐ 36882133 - 368822LCM LAS COLINAS MEDICAL CTR
	☐ 41982145 - DALLAS MEDICAL SPEC 419811DMS
	☐ 42312161 - WOMENS HEALTH ALLIANCE 423111WH2
	☐ 42312162 - WOMENS HEALTH ALLIANCE 423111WHA
	☐ AAPH9744 - AA Pharmacy, LLC

Close Filter Pane

Filters

Monthly Reporting Period

Latest Reporting Period

Org Code & Provider Name

DALL0071 - LHD Dallas County HHS (Re)

← Close Filter Pane

Organization Information



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Provider Activity Dashboard
Texas Immunization Provider Summary (TIPS)
May 2024

TIPS
CARE
PAR
FAQ



Filters

N/A TVFC Pin	1100190007 TX IIS ID	CITY0006 Org Code	JOHN APPLESEED POC Name	Lhd Austin Hhs Divi... Provider Name	JOHN APPLESEED@ POC Email Address	16-AUG-25 Site Agreement Expirat...	Meets Expectations
-----------------	-------------------------	----------------------	----------------------------	---	--------------------------------------	--	--------------------

Fields at the top of the screen include the organization's:

- Texas Vaccines for Children (TVFC) Provider Identification Number (PIN)
- TX Immunization Information System (IIS) ID
- Org code
- Point of contact name
- Provider name
- Point of contact email address
- Site agreement expiration date
- TIPS rating

Select a View

User Activity Summary, Online Activity, DX Activity

The screenshot displays the 'Provider Activity Dashboard' for 'Texas Immunization Provider Summary (TIPS)' for 'May 2024'. The dashboard header includes the Texas Department of State Health Services logo and navigation links for TIPS, CARE, PAR, and FAQ. On the left sidebar, there are three tabs: 'User Activity Summary', 'Online Activity', and 'Data Exchange Activity'. Each tab is highlighted with a red box and a red arrow pointing to a corresponding text label. A red circle highlights the 'May 2024' reporting period, with a red arrow pointing to a text box that reads 'Reporting Period Month and Year'. A 'Filters' icon is also visible in the sidebar.

Provider Activity Dashboard
Texas Immunization Provider Summary (TIPS)
May 2024

Reporting Period Month and Year

User Activity Summary Tab

Online Activity Tab

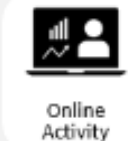
Data Exchange Activity Tab

User Activity Summary

Top Headings

User Activity Summary

Displays the user activity for the reporting period and compares the total users versus active users



95

of Total Users

92

of Active Users

96.84%✓

Goal: 75.00%
% of Active Users

Active Clients Served

493,241✓
Goal: 39

Online Clients Served

2,083!
Goal: 88,150

Total User Logins

1,763✓
Goal: 190

Previous month TIPS Rating

Monthly Reporting Period	Rating	% Active Users	Active Users	# of Online Client Searches	User Logins
May 2023	● Meets Expectations	99 %	79	6,270	2,624
June 2023	● Meets Expectations	99 %	80	5,182	2,758
July 2023	● Meets Expectations	98 %	78	3,999	2,852
August 2023	● Exceeds Expectations	96 %	79	6,167	3,934
September 2023	● Meets Expectations	97 %	103	4,953	3,402
October 2023	● Exceeds Expectations	88 %	97	4,660	3,091
November 2023	● Exceeds Expectations	88 %	100	5,624	3,008
December 2023	● Meets Expectations	98 %	99	3,992	2,300
January 2024	● Meets Expectations	99 %	100	4,334	2,869
February 2024	● Meets Expectations	98 %	95	4,086	2,749
March 2024	● Meets Expectations	98 %	94	2,938	2,441
April 2024	● Meets Expectations	98 %	95	2,409	2,076
May 2024	● Meets Expectations	97 %	92	2,083	1,763

Online Activity Display

Online Activity

Displays counts of clients, immunizations added, and reporting latency for online activity

For December 2023

Immunizations Added

753

Clients Added

911

Average Entry Latency

3!
Goal: 2

User Activity
Summary

Online
Activity

Data Exchange
Activity

482

Clients Added - Adults

429

Clients Added - Minors

789

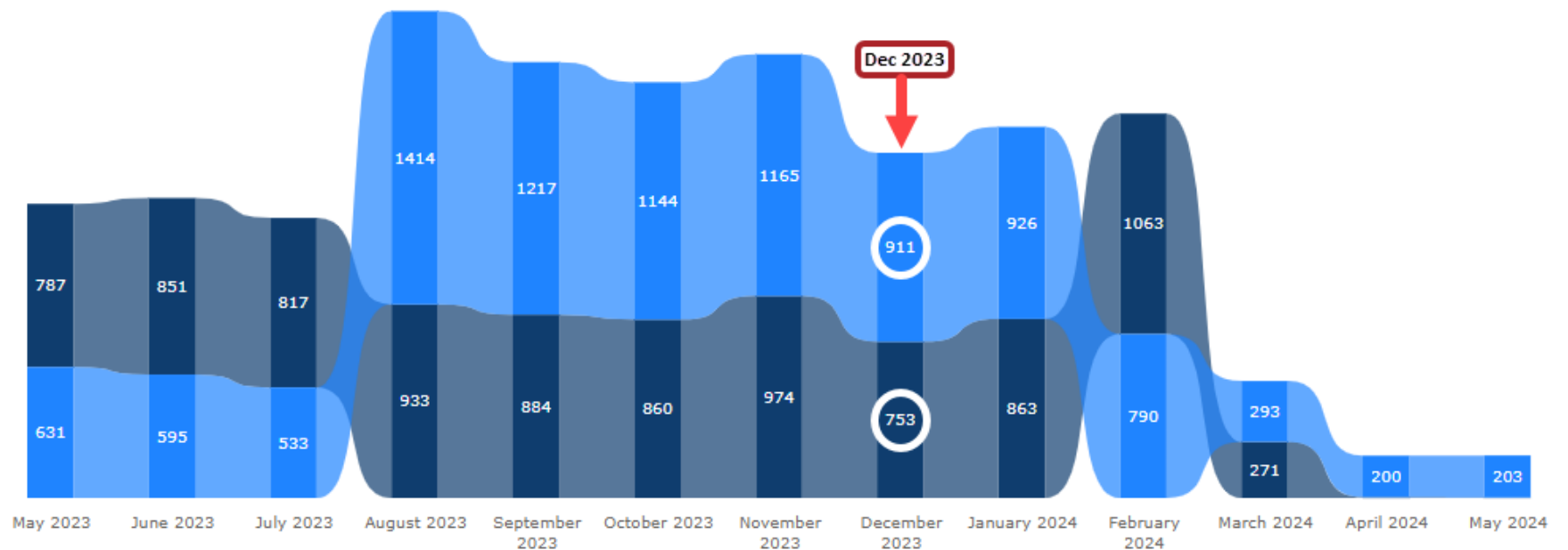
Immunizations Added - Adults

15

Immunizations Added - Minors

Previous Months Immunizations and Clients Added

● Immunizations Added ● Clients Added



Data Exchange Activity Display

Data Exchange Activity

Displays counts of clients, immunizations added, and reporting latency for data exchange activity



User Activity Summary



Online Activity



Data Exchange Activity

1

Total Files Submitted

1✓
Goal: 2

Average Entry Latency

Clients Submitted - 83

● Clients Accepted ● Clients Rejected



83 (100.00%)

Immunizations Submitted - 1

● Immunizations Accepted ● Immunizations Rejected



1 (100.00%)

Provider Reports: CARE



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Select the CARE Report



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Health Services

Provider Activity Dashboard
Texas Immunization Provider Summary (TIPS)
09/30/2024



TIPS
CARE
PAR
FAQ


Filters


User Activity
Summary


Online
Activity


Data Exchange
Activity

Please select a single Organization from the 'Filters' menu
in the top left corner

Filters in the CARE Header

The diagram illustrates the filters available in the CARE Header. Six callout boxes are connected by red arrows to the corresponding filter controls in the dashboard header:

- Org Code & Provider Name** points to the "Org Code & Provider Name" dropdown.
- Responsible Entity** points to the "Responsible Entity" dropdown.
- TVFC Indicator** points to the "TVFC Indicator" dropdown.
- Organization Type** points to the "Organization Type" dropdown.
- Last Site Agreement Date** points to the "Last Site Agreement Date" dropdown.
- Monthly Reporting Period** points to the "Monthly Reporting Period" dropdown.

The dashboard header includes the Texas Department of State Health Services logo, the title "Provider Activity Dashboard", and a sub-header "Consent Acceptance Rate Evaluation 09/30/2024". On the right, there are links for TIPS, CARE, PAR, and FAQ.

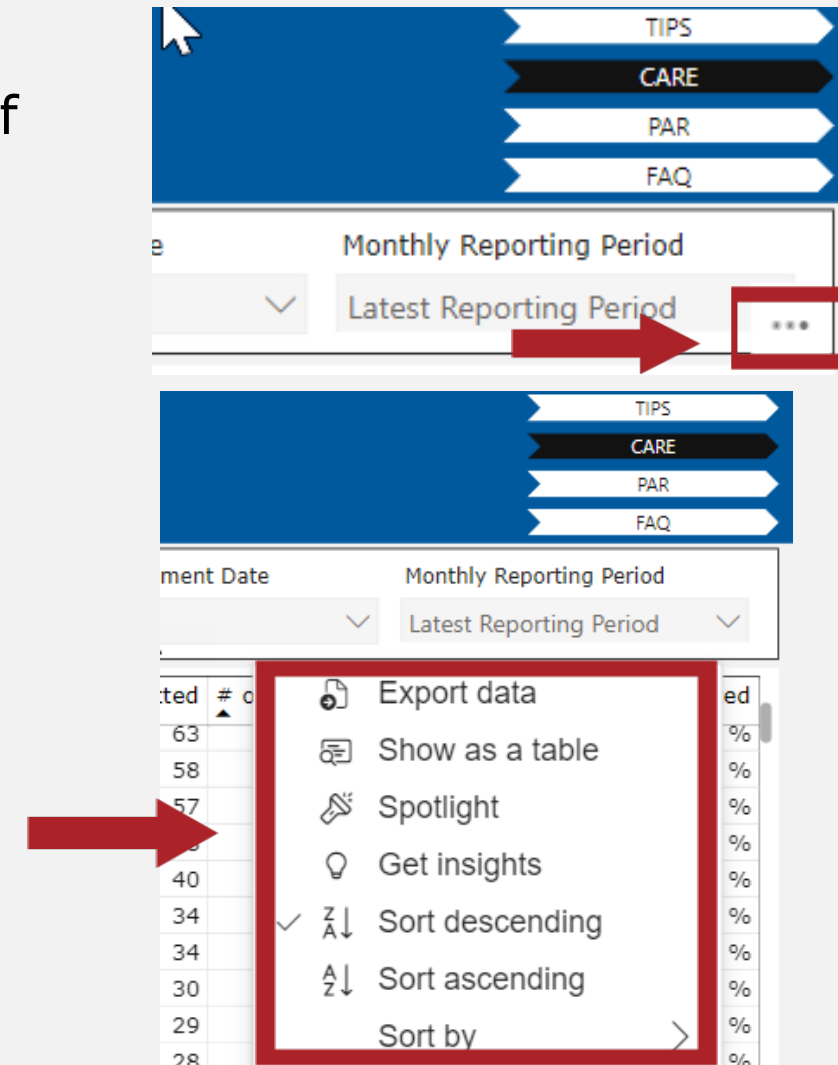
TX IIS ID	TVFC PIN	Provider Name	ImmTrac2 Status	Org Code	Provider Address	Provider City	Provider ZIP	Provider
-----------	----------	---------------	-----------------	----------	------------------	---------------	--------------	----------

More Options Icon

The “more options” three dots icon in the far-right corner of this section becomes visible only when hovered over.

Options it provides include:

- Export data
- Show as a table
- Spotlight,
- Get insights
- Sort descending
- Sort ascending
- Sort by
 - The “Sort by” option offers column categories for sorting, such as TX IIS ID or TVFC Pin.



Columns of the CARE Report

- Texas IIS ID
- TVFC PIN Number
- Provider Name
- ImmTrac2 Status (open or closed)
- Org Code
- Provider Address
- Provider City
- Provider Zip code
- Provider County
- Region
- Responsible Entity
- Provider Phone
- Provider Fax
- Organization Contact Name
- Organization Email
- Organization Type
- Number of DX Files Submitted
- Number of DX Clients Submitted
- Number of DX Clients Accepted
- Percentage of DX Clients Accepted

Provider Reports: PAR



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PAR Dashboard Sections

1. Header
2. Search filter
3. Column header section

Clients

manage client
enter new client
edit consent information
manage client status
criteria

Immunizations

manage immunizations

Schools

manage list
find student
check school report

Reports

generate report

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Provider Activity Dashboard

Provider Activity Report
January 2024

TIPS

CARE

PAR

FAQ

View Summary

Open Definitions

Org Code & Provider Name

Responsible Entity

TVFC Indicator

Organization Type

Last Site Agreement Date

Monthly Reporting Period

All

All

All

All

All

January 2024

TX IIS ID	TVFC Pin	ImmTrac2	Status	Provider Name	Org Code	Provider Address	Provider City	Provider ZIP	Provider Cc
00000000		Open		ABCD Medical Center	ABC123	0023 John St.	Austin	79424	Austin
1234567890		Open		EFGH Hospital	EFG 123	1234 May st.	Austin	79424	Austin

Search Filter Section

The search filter section has a set of filters with dropdown menus for user selections.



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Provider Activity Dashboard
Provider Activity Report
May 2023

TIPS
CARE
PAR
FAQ

View Summary

Open Definitions

Org Code & Provider Name

Responsible Entity ?

TVFC Indicator

Organization Type

Last Site Agreement Date

Monthly Reporting Period

All

All

All

All

All

5/2023

Detail View

This view shows the detailed provider report after filters have been applied. If you do not have any organizations that report to your organization, then you will only see your organization listed.



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Provider Activity Dashboard

Provider Activity Report

May 2023

TIPS

CARE

PAR

FAQ

View Summary

Open Definitions

Org Code & Provider Name

Responsible Entity ?

TVFC Indicator

Organization Type

Last Site Agreement Date

Monthly Reporting Period

All

All

All

All

All

5/2023

TX IIS ID	TVFC Pin	ImmTrac2 Status	Provider Name	Org Code	Provider Address	Provider City	Provider ZIP
1135050011		Open	HASSE ELEMENTARY ALVIN ISD	HASS0001	1200 E HOUSE ST	ALVIN	77511
1135050100		Open	HOOD-CASE ELEMENTARY	HOOD0003	1450 HEIGHTS RD	ALVIN	77511
1115159000		Open	Liberty Preschool	LIBE5490	2525 W DUMBLE ST	ALVIN	77511
1206160008		Open	LIVING STONES CHRISTIAN SCHOOL	LIVI0009	1407 VICTORY LN	ALVIN	77511
1122307000		Open	Manvel Family Clinic, PLLC	MANV0005	23869 W STATE HWY 6	ALVIN	77511
1135050084		Open	MARK TWAIN ELEMENTARY ALVIN ISD	MARK0005	345 KENDALL CREST DR	ALVIN	77511

PAR Filters

Detailed View Definitions

- The “Open Definitions” tab provides definitions of column headers for whichever view is currently displayed.
- The definitions for the detailed view are displayed here.

The first screenshot shows the 'Provider Activity Dashboard' with the 'Open Definitions' button highlighted. A red box and arrow point to the button with the text 'Click to open the PAR detailed view definitions.'

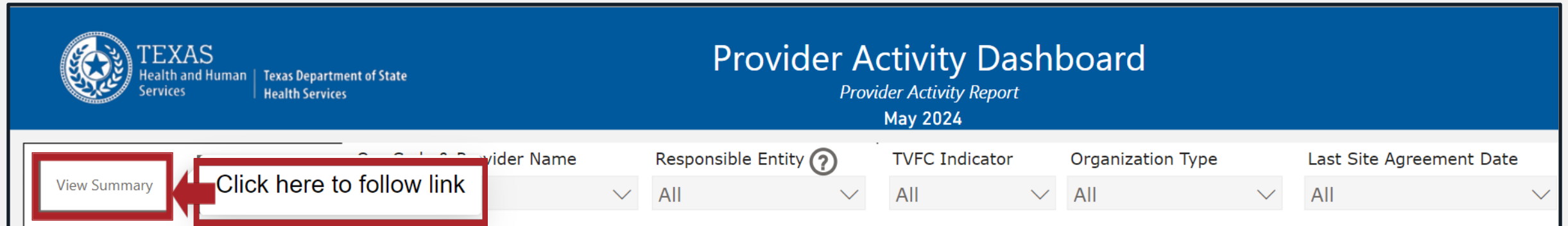
The second screenshot shows the 'Provider Activity Dashboard' with the 'Close Definitions' button highlighted. A red box and arrow point to the button with the text 'Click here to close the PAR detailed view definitions.'

Below the dashboard, a table displays the definitions for the detailed view:

TX IIS ID	Column Header	Definitions
1111727000	Provider Fax	As listed in the organization's contact information in the ImmTrac2 profile display in ###-###-#### format.
1122843000	Provider Phone	As listed in the organization's contact information in the ImmTrac2 profile display in ###-###-#### format.
1230400179	Organization Contact Name	As listed in the organization's contact information in the ImmTrac2 profile.
1244570003	Site Registration Date	As listed in the organization's ImmTrac2 profile in MM/DD/YYYY format
1121836000	Site Agreement Expiration Date	As listed in the organization's ImmTrac2 profile in MM/DD/YYYY format plus two years
1132630115	# of DX Client Records Accepted	Number of client records accepted for updates, adds, or deletes by an organization via electronic files to the
1132630008	# of DX Clients Queried	Number of client records queried in file submissions via Data Exchange
1114171000		

Summary Tab

- To access the summary view, click the “View Summary” tab.
- This tab toggles between the detailed view and the summary view. Once selected, the tab changes to “View Detail.”



The screenshot displays the 'Provider Activity Dashboard' for May 2024. The header includes the Texas Health and Human Services logo and the text 'TEXAS Health and Human Services | Texas Department of State Health Services'. The dashboard title is 'Provider Activity Dashboard' with the subtitle 'Provider Activity Report May 2024'. Below the header, there is a navigation bar with several tabs. The 'View Summary' tab is highlighted with a red box. A red arrow points from a text box labeled 'Click here to follow link' to the 'View Summary' tab. The dashboard also features a table with columns: 'Provider Name', 'Responsible Entity', 'TVFC Indicator', 'Organization Type', and 'Last Site Agreement Date'. The 'Responsible Entity' column has a question mark icon next to it. The 'TVFC Indicator' column has a dropdown arrow. The 'Organization Type' column has a dropdown arrow. The 'Last Site Agreement Date' column has a dropdown arrow. The 'Provider Name' column has a dropdown arrow. The 'Responsible Entity' column has a dropdown arrow. The 'TVFC Indicator' column has a dropdown arrow. The 'Organization Type' column has a dropdown arrow. The 'Last Site Agreement Date' column has a dropdown arrow. The 'View Summary' tab is highlighted with a red box. A red arrow points from a text box labeled 'Click here to follow link' to the 'View Summary' tab.

Column Header Section

- Each column header in the report has an up or down arrow, allowing users to sort the data in ascending or descending order.
- Clicking on an arrow again reverses the sorting order.

 TEXAS Health and Human Services Texas Department of State Health Services		Provider Activity Dashboard <i>Provider Activity Report</i> January 2024					TIPS CARE PAR FAQ	
View Summary	Open Definitions	Org Code & Provider Name All	Responsible Entity  All	TVFC Indicator All	Organization Type All	Last Site Agreement Date All	Monthly Reporting Period January 2024	
TX IIS ID	TVFC Pin	ImmTrac2 Status	Provider Name	Org Code	Provider Address	Provider City	Pro	
000000000000		Open	ABC Medical Center	AUS000	ABC123 ST.	Austin	79	

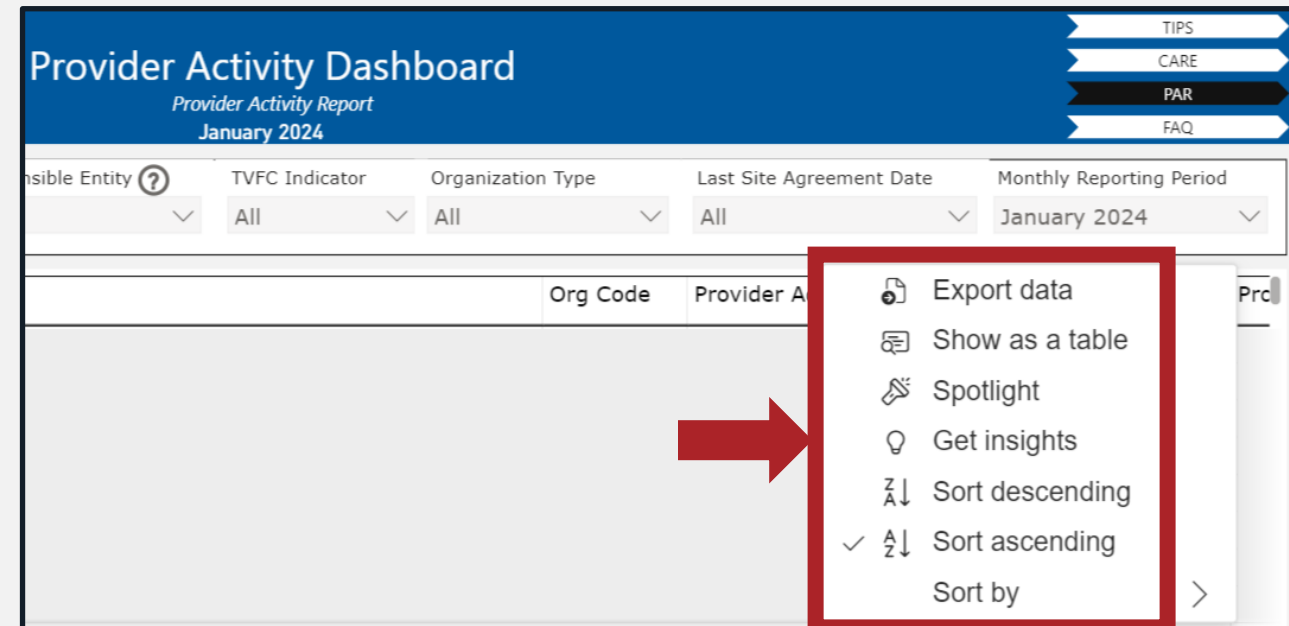
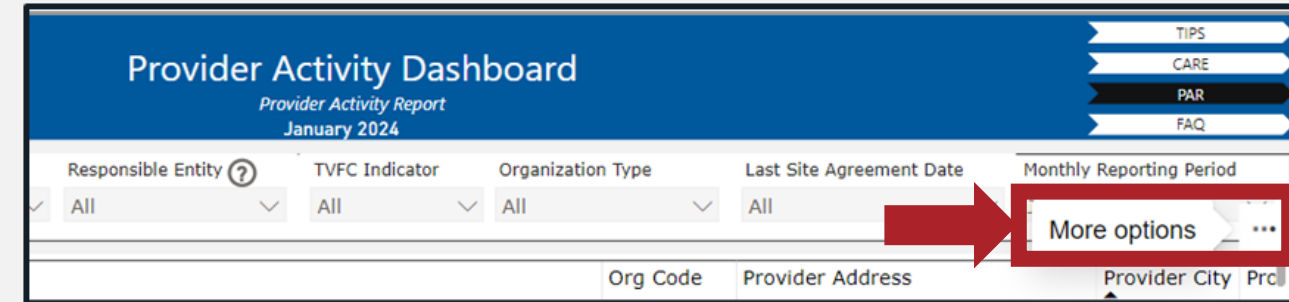
Color-Coded Sections

The PAR has columns that are grouped into sections:

- Organization Information
- User Information
- Online Activity
- Data Exchange
- Consents and TIPS Rating

More Options

- The “more options” three dot icon is on the far-right corner of the search filter section.
- The options provided include:
 - Export data (shown as a table)
 - Spotlight
 - Get insights
 - Sort descending
 - Sort ascending
 - Sort by
 - The “Sort by” option offers column categories for sorting, such as TX IIS ID or TVFC Pin.



New Data Quality Initiatives



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Lot Number Validation

- IIS will implement a warning error for immunizations submitted through data exchange with an incorrectly formatted vaccine lot number.
- Only alphanumeric characters and dashes (-) are allowed.
- Minimum of four characters.



Lot Number Validation

Continued

Vaccine lot numbers cannot start with:
"LOT," "(P)," "MED," "SKB," "PMC," "WSD," "WAL"

To review the full list of the lot number validations, refer to the open-source message Quality Evaluator project on the AIRA website:

- Validation logic for lot numbers: <https://github.com/immregistries/mqe-validator/blob/development/src/main/java/org/immregistries/mqe/validator/engine/rules/vaccination/VaccinationAdministeredLotNumberIsValid.java>
- List of invalid prefixes/suffixes/infixes: <https://github.com/immregistries/mqe-validator/blob/development/src/main/java/org/immregistries/mqe/validator/engine/codes/LotNumberInvalidFixes.java>

Beyfortus Doses

- Previously, ImmTrac2 accepted only Beyfortus dose values reported in “milligrams” through DX. The only acceptable values for the RXA-6 and RXA-7 fields were “1” or “0.5” and “mL” respectively.
- On November 22, 2024, IIS expanded the capability to accept “50” or “100” in RXA-6 and “mg” in RXA-7 values.

Client Contact Information

- IIS will implement a warning error for any new client record submitted through DX that is missing a phone number.
- IIS will conduct outreach to providers who are reporting less than 50% of the clients with a valid email address.

Added Farm Worker Occupation

Consent Information ▼

Client AKA (0) ▼

Organization Information ▼

Client Information ▲

[\[back to top\]](#)

*** Race (select all that apply)**

☐ American Indian or Alaska Native

☐ Asian

☐ Native Hawaiian or Other Pacific Islander

☐ Black or African-American

☒ White

☐ Other Race

☐ Recipient Refused

☐ Unknown

*** Ethnicity** ▼

Address Information ▼

Responsible Persons (1) ▼

Client Comments (0) ▼

Client Notes (0) ▼

Most Recent Provider N

Most Recent Provider Date

Birth Facility N

School

Occupation ▼

Language Spoken ▼

Childcare Personnel

Farm Worker

First Responders (police, fire, EMT)

Food Service Personnel

Health Care Personnel

Homeland and National Security

Laboratory Personnel

Mortuary Personnel

Pharmacists

Public Health Personnel

School Personnel

Veterinary Personnel

Automated Bidirectional Onboarding



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Data Exchange Overview

Two methods to electronically exchange data with Texas IIS:

- **Uni-directional (Batch):**

- Providers report data through electronic health records (EHR) to registry.
- Delay between data submission and appearance in Texas IIS.



- **Bi-directional Exchange (BiDx):**

- Real-time communication between providers' EHR and IIS.
- No delay; seamless integration with EHR systems.



Automated Onboarding Steps

Step 1:
Registration

Step 2:
Preparation,
Message Pre-Test

Step 3:
Preparation,
Connectivity, and
Transport

Step 4:
Pre-Production
Test, Message
Validation

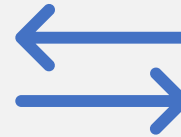
Step 5:
Pre-Production
Test, Data Quality
Review

Step 6:
Go Live

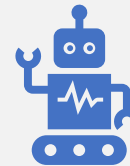
IIS Initiative May 2023

Automated Bidirectional Onboarding Launched

Enabled real-time data exchange



Automated onboarding



Central application



Provider Tracks Data Quality

- Allows providers to review their own data quality
- Allows IIS staff to review the quality of the organization's data

[Pre-Production Testing](#)
Data Quality Review

This phase of the onboarding process ensures the data being sent to ImmTrac2 is complete and accurate information pertaining to the patient and immunization records. A 90% Data Qualifying Rate is required to pass this phase. Click on the Review Data Quality Corrections Needed button below to see issues to fix in order to meet the

Data Quality Rate: Achieve a 90% success rate to pass

Calculated Metrics	Calculated Data Quality Rate
☐ Patient Demographic Completeness	0%
☐ Immunization Completeness	
☐ Immunization Accuracy	

Review Data Quality Corrections Needed

Data Quality Review

Messages

Pre-Production: Data Quality Review

Messages		Immunization Report		Patient Report	VFC Report	Quality Summary	
#	Result	Control ID	Message Type	Received	Validation Summary		View Message
1	?	2041M2727599	VXU: Non-Hx	03 06 2023 20:28	✓ 0 Valid	✗ 12 Errors ⚠ 2 Warnings	View
2	?	2038M2727599	VXU: Non-Hx	03 06 2023 20:26	✓ 0 Valid	✗ 23 Errors ⚠ 6 Warnings	View
3	?	2037M2727599	VXU: Non-Hx	03 06 2023 20:25	✓ 0 Valid	✗ 11 Errors ⚠ 2 Warnings	View

Data Quality Review

Immunization Report

Immunization Report

Patient Report

VFC Report

Quality Summary

Completeness

Field	% Required To Pass Completeness	Current % of Completeness	Pass/Fail
Action Code Set	90%	100.00%	✓
Administering Provider	90%	100.00%	✓
Administration Site	95%	100.00%	✓
Dosage- Completeness	95%	100.00%	✓
Lot ID Number	95%	100.00%	✓
Manufacturer	90%	100.00%	✓
Vaccination Date	100%	100.00%	✓
Vaccine Administered Code	100%	78.65%	✗
Vaccine Expiration Date	95%	100.00%	✓
Vaccine Program Eligibility	90%	100.00%	✓
VIS	90%	100.00%	✓

Data Quality Review

Patient Report

Pre-Production: Data Quality Review

Messages	Immunization Report	Patient Report	VFC Report	Quality Summary
----------	---------------------	-----------------------	------------	-----------------

Reporting Period From / / To: / /

Completeness

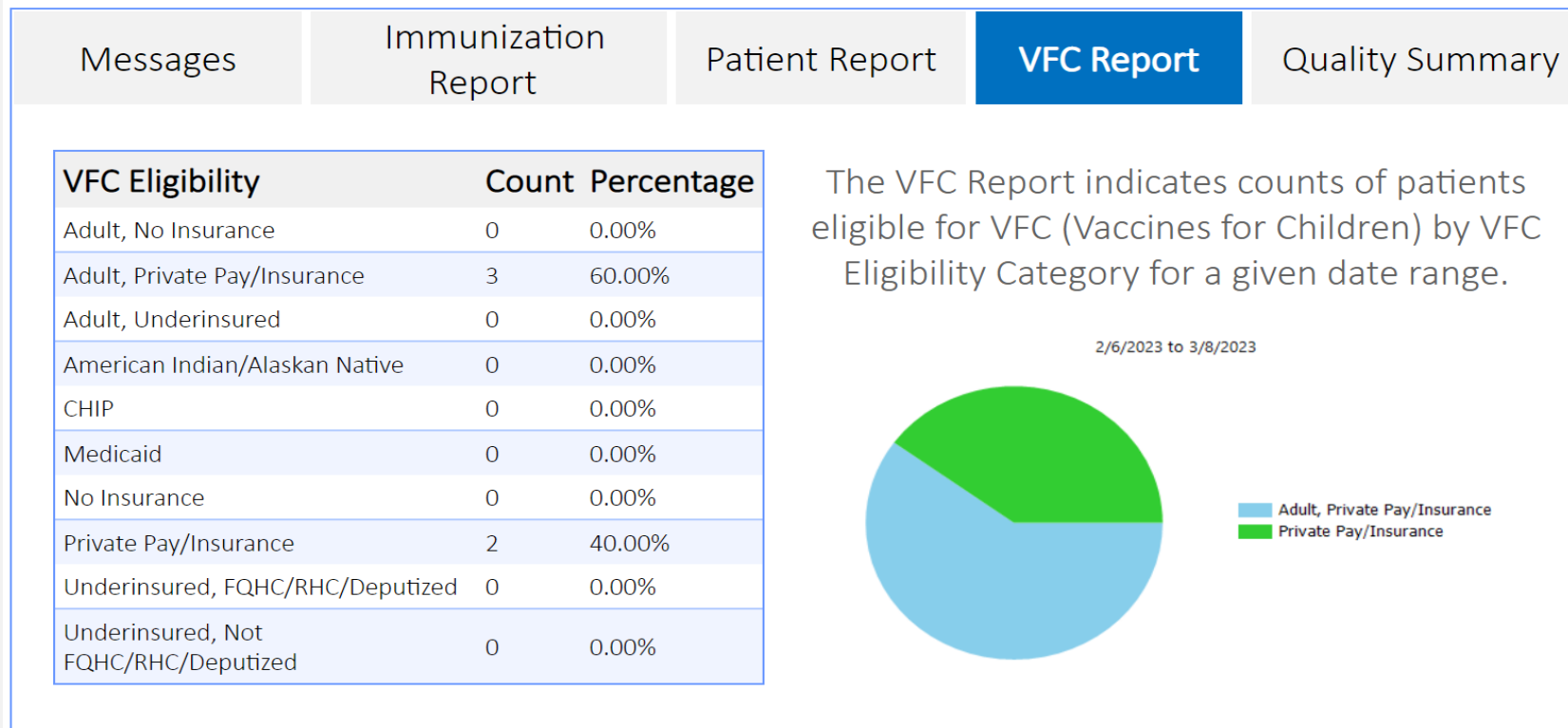
Field	% Required To Pass Completeness	Current % of Completeness	Pass/Fail
Address	100%	100.00%	✓
Mother/Father/Guardian	90%	100.00%	✓
Patient Name	100%	100.00%	✓
Phone Number	95%	0.00%	✗

Data Quality Review

VFC Report

The VFC report shows counts of VFC-eligible patients by eligibility category.

Pre-Production: Data Quality Review



Data Quality Review

Quality Summary

Pre-Production: Data Quality Review

Messages	Immunization Report	Patient Report	VFC Report	Quality Summary
Report Date: 03/08/2023 Report Created by: Reporting Period: 1/1/2019 to 3/8/2023		Total Number of Patients Reported: 15 Total Number of Administered Shots Reported (VXU): 15 Total Number of Historical Shots Reported (VXU): 0 Total Number of Queries Submitted (QBP): 0		Total Number of Errors: 15 Total Number of Warnings: 0 Total Number of Rejections: 0 Average Timeliness for Period: 0

Patient Consent Submissions

As a step of automated onboarding, organizations indicate how they will submit registry consent:

- Flat File
- HL7 Submission
- Manually

Note: We highly encourage providers to submit via HL7 submission when possible.

Indicate below how you intend to submit patient consent.

☐ Flat File
Selecting this option indicates patient consent will be sent in a flat file, which is separate from HL7 submissions to ImmTrac2

☐ HL7 Submission
Selecting this option indicates that patient consent will be included in updates from your electronic health record's HL7 submission to ImmTrac2

☐ Manually
Selecting this option indicates patient consent will be manually entered into the ImmTrac2 by a staff member from this organization

HL7 Consent Indicators

Texas requires these specific consent codes for HL7 submissions:

- TXY = ImmTrac2 Minor (Age 0-18)
- TXA = ImmTrac2 Adult (Age 18+)
- TXD = ImmTrac2 Disaster Retention (All Ages)

Let's Talk Numbers

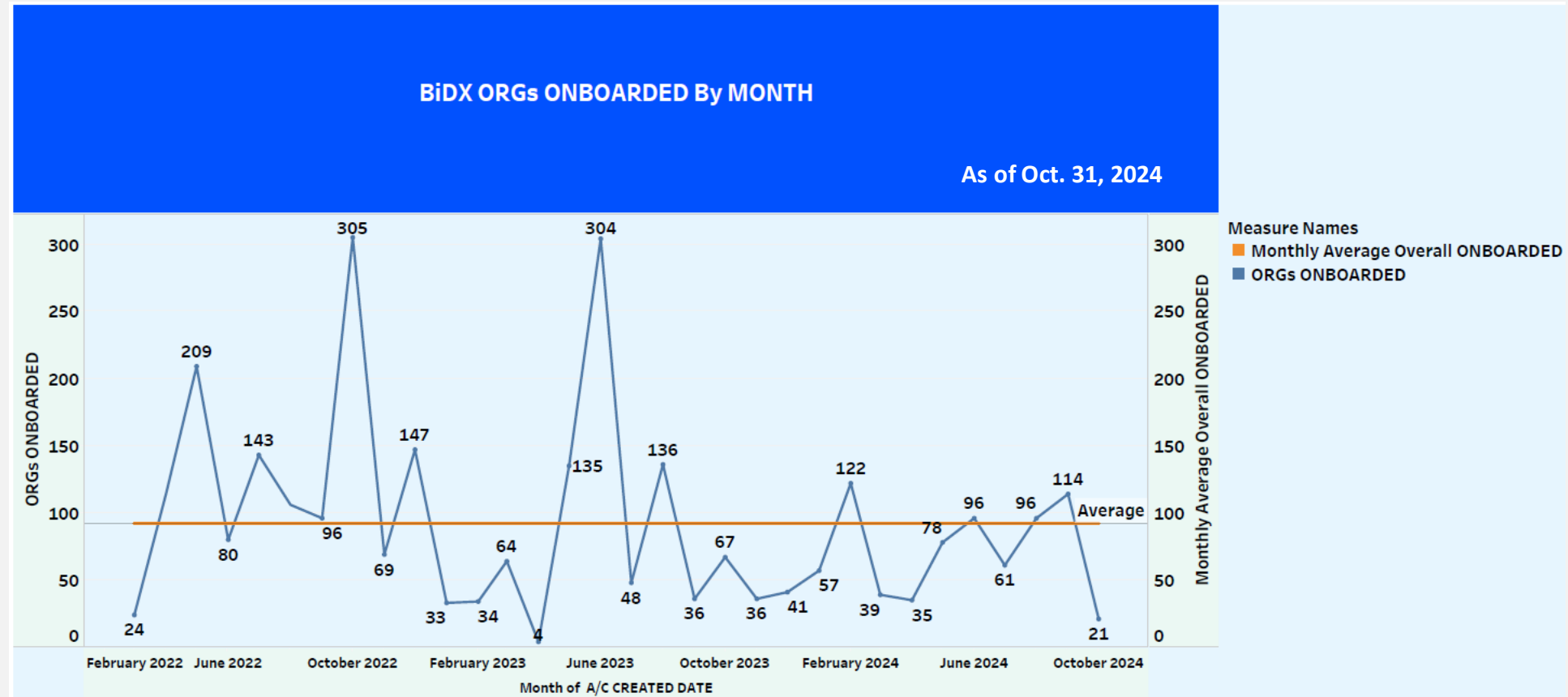


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Texas Department of State
Health Services

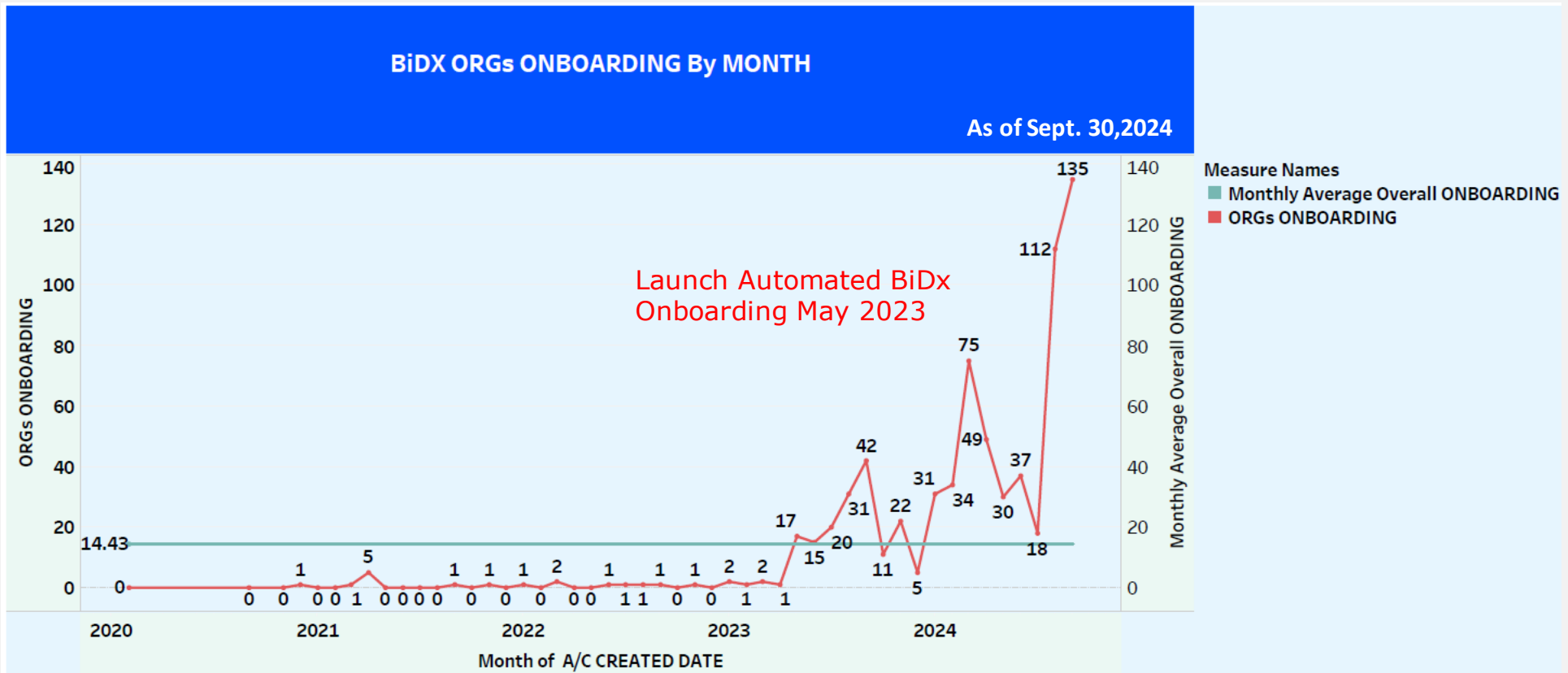
Launch of Automated Onboarding

Bidirectional Organizations Onboarding Part 1



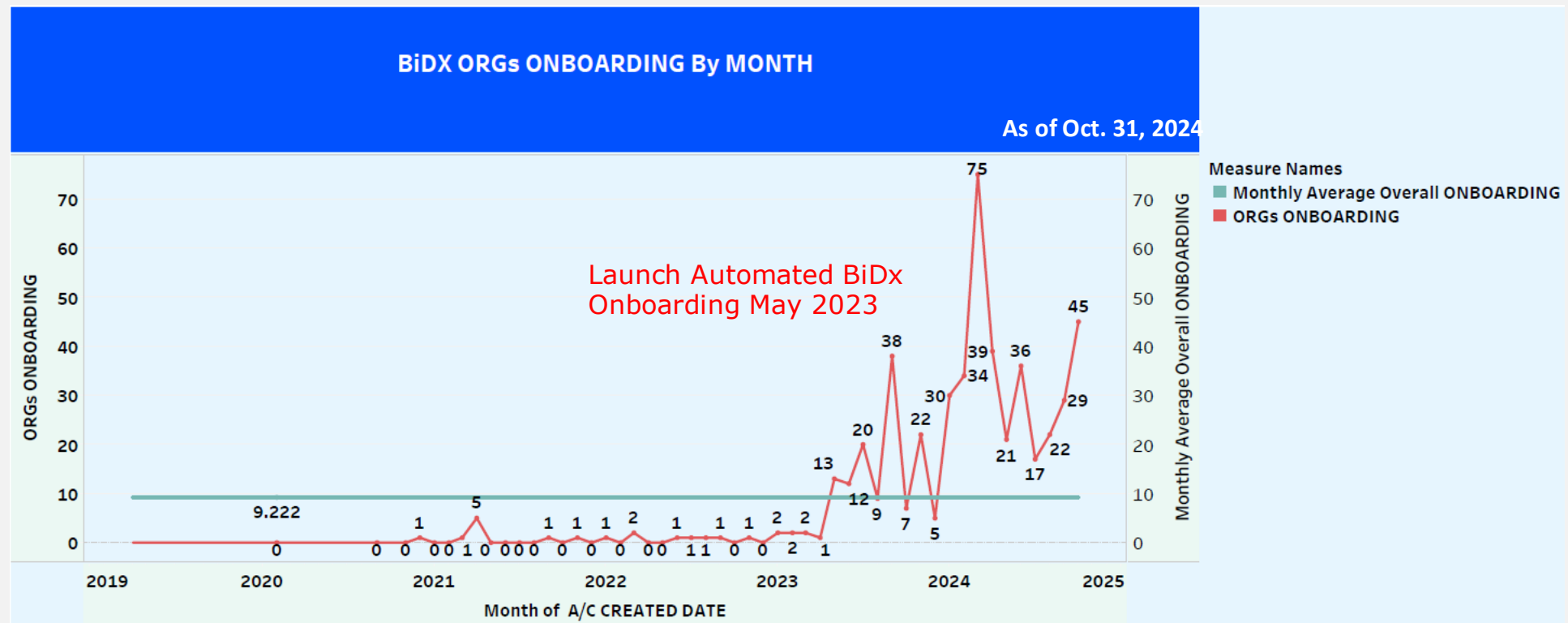
Launch of Automated Onboarding

Bidirectional Organizations Onboarding Part 2



Launch of Automated Onboarding

Bidirectional Organizations Onboarding Part 3



Automated Onboarding

Benefits

- Provider autonomy over onboarding process
- Engagement in testing
- Easier data exchange
- Automatically generates reports
- Electronic submission of documents
- Better communication in one system
- Simpler workflow
- Automated testing
- Collaboration between teams

Automated Onboarding

Benefits Continued

- Simplified staff workflow under one system
- Automated testing allows staff to efficiently address errors
- Collaboration between teams working on onboarding

Automated Onboarding

Challenges

- Ongoing monitoring
- Provider frustration in utilizing two systems
- Inexperienced providers
- Staff validation

Conclusions

Automated onboarding empowers health care organizations to join at their own pace.

- Efficient onboarding of multiple providers simultaneously
- Increased engagement in testing and production
- Efficient data quality reduces post-production errors

Future Vision

- Platform facilitating simultaneous onboarding for unidirectional and bidirectional organizations
- Commitment to enhance efficiency and streamline the overall process
- Enhancements to track duration of onboarding and specific onboarding phases
- Outreach to providers with training

Resources



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Resources

- Data Exchange Guides and Specification:
<https://www.dshs.texas.gov/immunizations/providers/materials>.
Click “ImmTrac2” under “Forms.”
- Consent Forms: <https://www.dshs.texas.gov/immunizations/public/forms>

Recorded Webinars

- Provider Trainings:
<https://www.dshs.texas.gov/immunizations/providers/training>
Topics include:
 - Batch FTP recorded webinars
 - Bidirectional DX recorded webinars
 - Miscellaneous video recordings
 - Online disaster reporting webinars
 - School recorded webinars
- LHD Data Sharing: <https://www.dshs.texas.gov/immunizations/health-departments> Click "Training," and under "Resource Documentation" click "Videos," go under IIS (ImmTrac2) for the "LHD Data Sharing Protocol" webinar recording done in July 2024.

Contact Information

ImmTrac2@dshs.texas.gov

- Access, site registrations or renewals, ImmTrac2 user changes, registry trainings, or publications.

ImmTracMU@dshs.texas.gov

- Data exchange questions, promoting interoperability, or data quality reports.

Thank You!

Prageet Kaang, Director Interoperability Unit
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