



**TEXAS**  
Health and Human  
Services

Texas Department of State  
Health Services

# Guide to the Modernized Immunization Coverage Rate Report

# Table of Contents

<b>Introduction: Accessing and Viewing the Report .....</b>	<b>1</b>
Login to IAMONLINE.....	1
Access the Modernized Reports.....	2
Select the Immunization Coverage Rate Report .....	2
<b>Selection Options.....</b>	<b>3</b>
<b>Viewing the Immunization Coverage Rate Report Dashboard .....</b>	<b>5</b>
Section One: Header Info and Additional Options Menu.....	6
Section Two: Total Clients, Active Clients, and Missed Opportunities.....	7
Section Three: Clients Meeting Age-Specific Benchmarks.....	8
Section Four: Drop Off Percentage.....	9
Section Five: Immunization Status Data.....	10
Up to Date.....	10
Late Assessment.....	10
Section Six: Late Start Percentage .....	10
<b>Downloading the Report .....</b>	<b>11</b>

# Introduction: Accessing and Viewing the Report

The Immunization Coverage Rate Report provides an analysis of an organization's immunization coverage rates. The coverage rate is defined as the percentage of the provider's clients whose recommended vaccine series is completed.

## Login to IAMONLINE

Navigate to [IAMOnline.hhs.state.us](http://IAMOnline.hhs.state.us) and log in using your IAMOnline user credentials and password. Then select the ImmTrac2 application to log in.

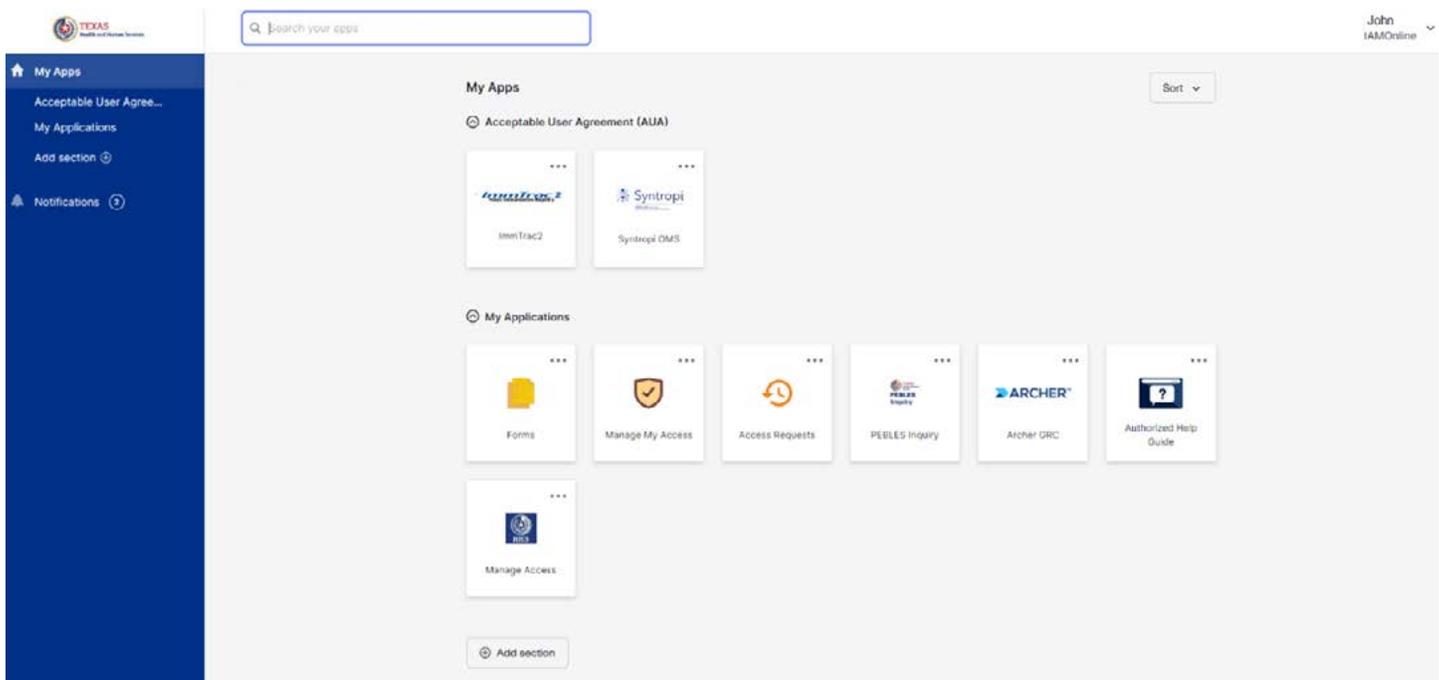


Figure 1: IAMOnline application page

# Access the Modernized Reports

Once logged into ImmTrac2, navigate to the Reports section, and click on “modernized reports”.

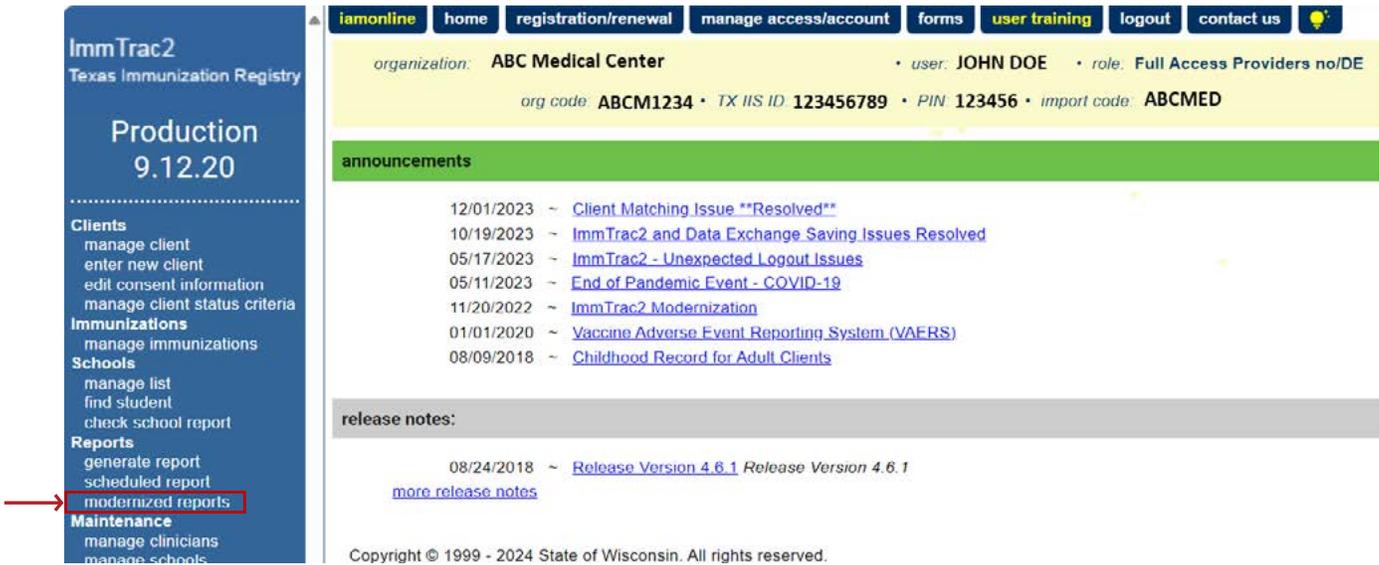


Figure 2: Modernized Reports Link

# Select the Immunization Coverage Rate Report

From the list of available reports, select the Immunization Coverage Rate Report.

9.10.19	Reports Available		
	Generate Report	Description	Output
<ul style="list-style-type: none"> <li>Clients                             <ul style="list-style-type: none"> <li>manage client</li> <li>enter new client</li> <li>manage client status criteria</li> <li>merge clients</li> <li>edit consent information</li> </ul> </li> <li>Immunizations                             <ul style="list-style-type: none"> <li>manage immunizations</li> </ul> </li> <li>Schools                             <ul style="list-style-type: none"> <li>manage list</li> <li>find student</li> <li>check school report</li> </ul> </li> <li>Inventory                             <ul style="list-style-type: none"> <li>vis revisions</li> <li>manage rdc</li> </ul> </li> <li>Events                             <ul style="list-style-type: none"> <li>manage events</li> <li>manage priority groups</li> </ul> </li> <li>Reports                             <ul style="list-style-type: none"> <li>generate report</li> <li>scheduled report</li> <li>modernized reports</li> </ul> </li> <li>Data Exchange                             <ul style="list-style-type: none"> <li>registration of intent</li> <li>exchange data</li> <li>check status</li> <li>manage data exchange</li> <li>vital data exchange</li> <li>job monitor</li> </ul> </li> <li>Maintenance                             <ul style="list-style-type: none"> <li>manage clinicians</li> <li>manage schools</li> </ul> </li> </ul>	<a href="#">18 Year Target Client List</a>	The 18 Year Old Target Client Report is scheduled for clients who turned 18 years old in the last 2 months from the report date or are going to turn 18 years within the next 2 months of the report date. This report runs on the 1st of every even month.	<a href="#">Status</a>
	<a href="#">Ad Hoc Count Report</a>	The Ad Hoc Count Report offers a user-defined report and counts results. User can select the fields to include and can define filters and choose the sort order.	<a href="#">Status</a>
	<a href="#">Immunization Coverage Rate Report</a>	The Immunization Coverage Rate Report provides an analysis of an organization's immunization coverage rates. The coverage rate is defined as the percent of provider's clients whose recommended vaccine series are completed.	<a href="#">Status</a>
	<a href="#">Client Benchmark Report</a>	The Client Benchmark Report allows users to retrieve a list and count of clients who have met an immunization benchmark or predefined series of benchmarks.	<a href="#">Status</a>
	<a href="#">Clients and Immunization Count by Organization</a>	Clients and Immunization Count by Organization report displays the number of unique clients that received a dose and total number of doses administered by an organization in a specified time period.	<a href="#">Status</a>
	<a href="#">Immunization History Report</a>	The Immunization History Report allows users to compile the immunization history for a group of selected clients.	<a href="#">Status</a>
	<a href="#">Reminder/Recall Report</a>	The Reminder/Recall Report generates reminder and recall notices, which include letters, mailing labels, and client listings.	<a href="#">Status</a>
<a href="#">Vaccine Eligibility Report</a>	The Vaccine Eligibility Report details the number of clients that were vaccinated by the organization for each vaccine eligibility type for a specified date range.	<a href="#">Status</a>	

Figure 3: Immunization Coverage Rate Report link

# Selection Options

The screenshot shows the 'Immunization Coverage Rate Report' landing page. At the top left is the Texas Health and Human Services logo. The page title is 'Immunization Coverage Rate Report (Limited to clients 6 years of age or younger)'. On the left side, there is a dark blue sidebar with 'Coverage Rate Filters' and a 'Generate Report' button. The main content area has three sections: 'OPTIONS FOR BENCHMARKING' with two radio button options, 'AGE RANGE IN MONTHS' with two input fields (1 and 72) and a help icon, and 'EVALUATION DATE' with a date field (4/19/2024) and a help icon.

Figure 4: Selection Options on the Immunization Coverage Rate Report landing page

**Options for Benchmarking** – There are two options to choose from:

1. **Standard Assessment** – will return a benchmark report based on clients who have or have not met the selected benchmark requirements.
2. **Assess Clients with Sufficient Refusal as Covered** – will return a benchmark report that also counts clients with refusal comments and an “Applies-To-Date” entered in the client record on the Comments Tab.

**Age Range in Months** – In this field enter numeric date range less than or equal to 72 months. All clients who are 72 months old or younger at the time the report is generated. Users can only enter ages up to six years of age.

**Evaluation Date** – Enter date in MM/DD/YYYY format or use the  icon.

**Generate Report** – Once all the benchmark filters are selected click the Generate Report button.

After selecting the filters, click on “Generate Report”. The selected filters will then be displayed, and an option to confirm and generate the report will appear at the bottom of the screen.

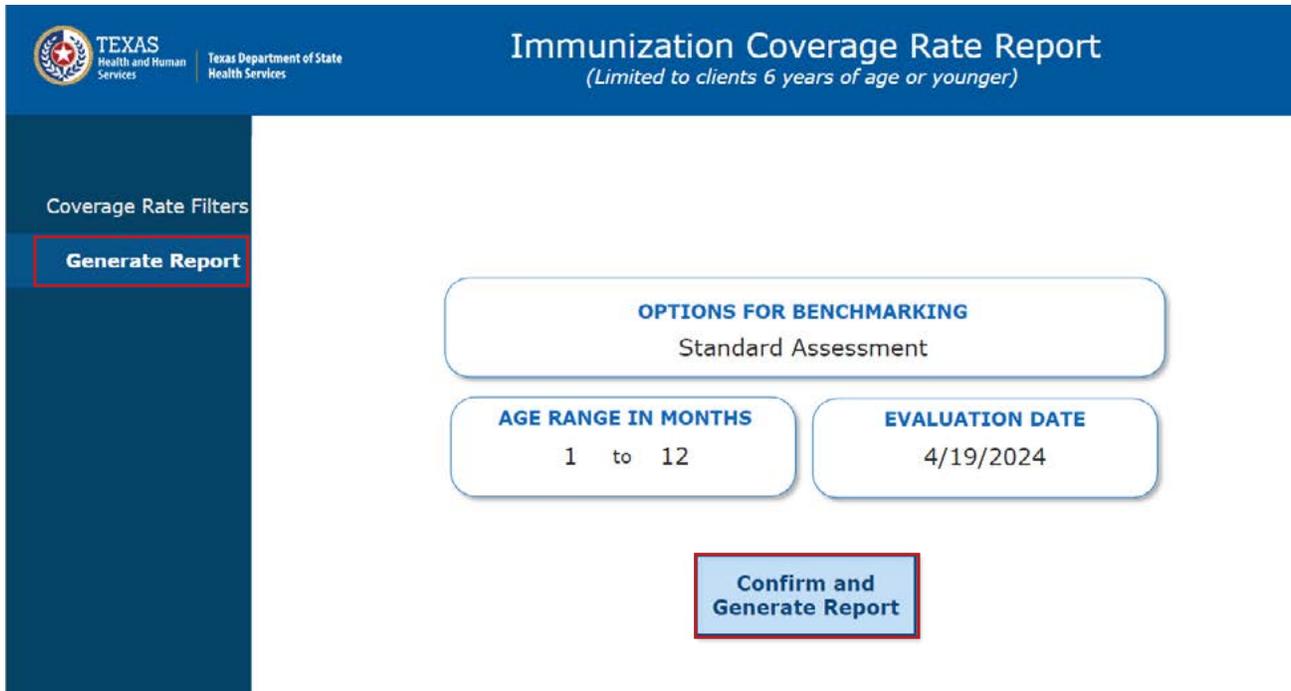


Figure 5: Immunization Coverage Rate Confirm and Generate Report

The “Immunization Coverage Rate Report” status screen will appear. Click the “Refresh” button periodically until the status changes to “Complete”. Once completed, the report type will become a hyperlink. Click the hyperlink to view the report.

Immunization Coverage Rate Report Status		
		Refresh Cancel
Job name	Started	Status
Immunization Coverage Rate	08/19/2024 12:30:13 PM	QUEUE

Figure 6: Queued Hyperlink

Immunization Coverage Rate Report Status		
		Refresh Cancel
Job name	Started	Status
<a href="#">Immunization Coverage Rate</a>	08/19/2024 12:30:13 PM	COMPLETE

Figure 7: Completed Hyperlink

# Viewing the Immunization Coverage Rate Report Dashboard

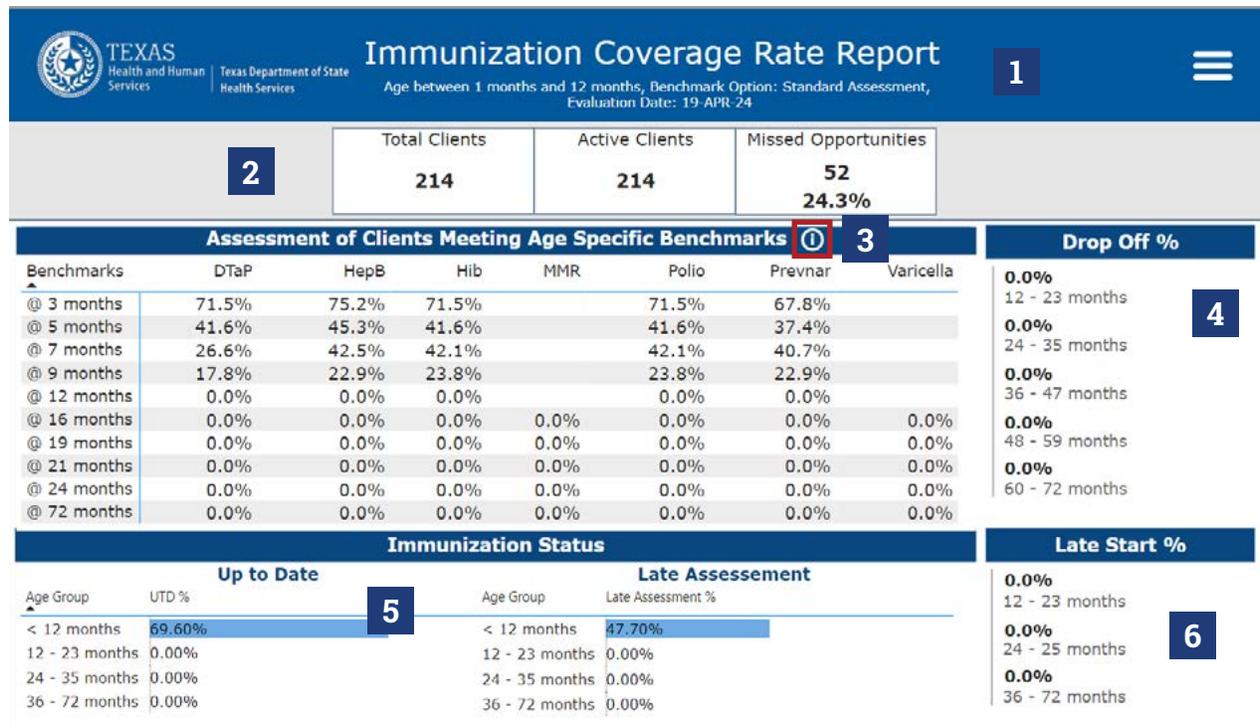


Figure 8: Immunization Coverage Rate Report Dashboard

The Immunization Coverage Rate Report Dashboard consists of the following sections:

1. The top section displays the report name and the filters selected.
2. The second section provides a summary of total clients, active clients, and missed opportunities.
3. The third section features an “Assessment of Clients Meeting Age-Specific Benchmarks.” Click the “Information” icon (i) to view the benchmark reference table.
4. The fourth section, located on the right, shows the “Drop Off Percentage”.
5. The fifth section, in the bottom left, lists the “Immunization Status”– up to date versus late assessment.
6. The last section, in the bottom right, displays the “Late Start Percentage.”

# Section One: Header Info and Additional Options Menu

In this section, the previously selected filters are shown. Take note of the hamburger icon located in the right corner, which, when clicked, opens a menu with options for viewing missed opportunity client listings and age range client listings.



Figure 9: Immunization Coverage Rate Report Header

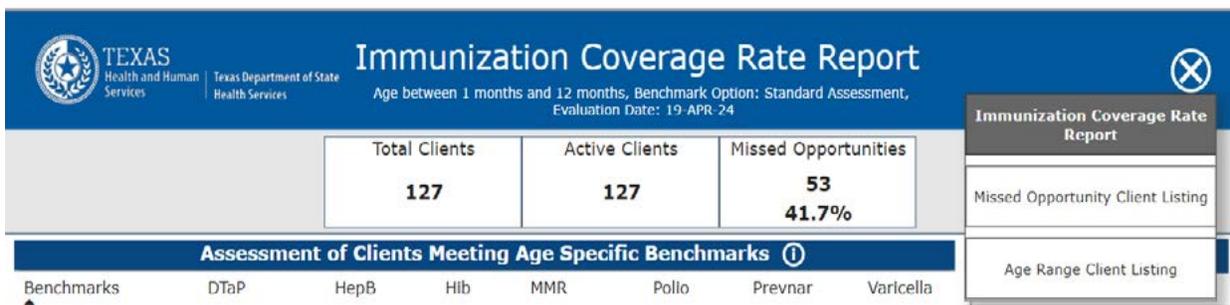


Figure 10: Immunization Coverage Rate Report Additional Options Menu

**Missed Opportunity Client Listing**– This report identifies clients who have missed one or more recommended immunizations. These clients could have had the opportunity to receive their vaccine(s) during a healthcare visit but did not.

This listing helps healthcare providers track and follow up with these individuals. The listing includes the client’s demographics, missed vaccine (s), and the immunization date.

First Name	Middle Name	Last Name	Birth Date	Phone Number	Address	City/State/Zip	Vaccine	Immunization Date
JOHN	RAY	GARCIA	04/05/2022	(806) 123-4567	1234 AVENUE Z	LUBBOCK, TX 79424-1234	DTP/aP	09/21/2022
LARRY		LARA	09/07/2021	(818) 234-5678	1002 200TH ST	LUBBOCK, TX 79424-2345	HepB	08/13/2023
JOHNNY		JOHNSON	04/23/2022	(806) 987-6543	9999 AVENUE AB	LUBBOCK, TX 79411-9876	Polio	09/21/2022

Figure 11: Missed Opportunity Client Listing

**Age Range Client Listing**– This report provides a list of clients within a specific age range, based on the selected filters. This allows healthcare providers to see which clients fall within certain age groups and assess their immunization status according to age-specific benchmarks. This listing helps ensure that clients are receiving the recommended vaccines appropriate for their age and assisting healthcare providers with identifying those who may need follow-up or additional immunizations.

Age Range	Client Name (F M L) - Birth Date	Phone Number	Address	City	State	ZIP
<input type="checkbox"/> Select all	JOHN RAY GARCIA - 04/05/2022	(806) 123-4567	1234 AVENUE Z	LUBBOCK	TX	79424
<input type="checkbox"/> 24 - 35 months	LARRY LARA - 09/07/2021	(818) 234-5678	9876 200TH ST	LUBBOCK	TX	79424
	JOHNNY JOHNSON - 04/23/2022	(806) 987-6543	9999 AVENUE AB	LUBBOCK	TX	79411

Figure 12: Age Range Client Listing

## Section Two: Total Clients, Active Clients, and Missed Opportunities

Total Clients	Active Clients	Missed Opportunities
127	127	53 41.7%

Figure 13: Total Clients, Active Clients, and Missed Opportunities

Section two of the Immunization Coverage Report provides a summary of key client data, including:

**Total Clients:** This shows the overall number of clients included in the report based on the selected filters. It represents everyone in the system who is eligible for assessment during the reporting period.

**Active Clients:** This refers to clients who are currently active in the immunization registry for that organization and eligible for vaccination services. These are individuals who are expected to receive vaccinations according to their schedule.

**Missed Opportunities:** This indicates the number of clients who could have received a vaccine but did not, resulting in a missed opportunity. These clients might have been seen by a healthcare provider but left without receiving a scheduled or due vaccine.

This section provides a snapshot of immunization coverage by highlighting clients that are being tracked, how many are still actively receiving care, and how many have fallen behind on their vaccination schedule.

# Section Three: Clients Meeting Age-Specific Benchmarks

Assessment of Clients Meeting Age-Specific Requirements– This section evaluates how well clients are meeting vaccination benchmarks based on their age. It compares client’s immunization record to age-specific guidelines.

Key features include:

**Benchmark Evaluation:** This section checks if clients have met the required immunizations for their current age, ensuring they are on track with the recommended vaccination schedule.

**Information Icon (i):** By clicking the “Information” icon, you can view a reference table that outlines the specific benchmarks for each age range, helping you understand which vaccines are required at different stages.

Assessment of Clients Meeting Age Specific Benchmarks 							
Benchmarks	DTaP	HepB	Hib	MMR	Polio	Prevnar	Varicella
@ 3 months	79.8%	92.5%	78.0%				
@ 5 months	63.2%	75.7%	61.0%				
@ 7 months	51.1%	85.4%	71.0%				
@ 9 months	62.3%	88.2%	80.0%				
@ 12 months	72.3%	90.0%	84.0%				
@ 16 months	37.7%	78.5%	78.0%				
@ 19 months	49.2%	78.8%	79.0%				
@ 21 months	55.1%	80.4%	81.0%				
@ 24 months	62.6%	81.3%	81.9%	84.4%	82.6%	81.6%	83.5%
@ 72 months	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

Age	DTaP	Polio	MMR	Hib	Hep B	Prevnar	Varicella
@ 3 months	1	1		1	2	1	
@ 5 months	2	2		2	2	2	
@ 7 months	3	3		3	3	2	
@ 9 months	3	3	1	4	3	2	1
@ 12 months	4	3	1	4	3	2	1
@ 16 months	4	3	1	4	3	2	1
@ 19 months	4	3	1	4	3	2	1
@ 21 months	4	3	1	4	3	2	1
@ 24 months	4	3	1	4	3	2	1
@ 72 months	5	4	2	4	3	2	2

Figure 14: Assessment of Clients Meeting Age Requirements and Benchmark Reference Table

## Section Four: Drop Off Percentage

This section highlights the percentages of clients who began their vaccination series but did not complete all recommended doses.



Figure 15: Drop-Off Percentage

Key points include:

**Drop-Off Measurement:** This percentage reflects clients that have started but did not finish their age-appropriate immunization series. It is a useful metric for identifying where follow-up may be needed to ensure full vaccine coverage.

**Immunization Gap:** A high drop-off percentage suggests that a considerable number of clients are behind on vaccinations.

## Section Five: Immunization Status Data

This section provides an overview of how well clients are meeting their immunization schedules. It breaks down clients into two categories:

Immunization Status			
Up to Date		Late Assessment	
Age Group	UTD %	Age Group	Late Assessment %
< 12 months	42.50%	< 12 months	58.30%
12 - 23 months	0.00%	12 - 23 months	0.00%
24 - 35 months	0.00%	24 - 35 months	0.00%
36 - 72 months	0.00%	36 - 72 months	0.00%

Figure 16: Immunization Status

### Up to Date

The Up to Date percentages include clients who have received all the recommended vaccines for their age and their immunization schedule is current.

### Late Assessment

Late assessment percentages reflect clients who have missed vaccinations or did not receive vaccines according to the recommended tracking schedule.

## Section Six: Late Start Percentage

This section reflects the percentage of clients who began their vaccination series later than recommended. This could be an indication that an individual did not receive their first dose of a particular vaccine within the ideal timeframe, as outlined by age-specific guidelines.

Late Start %
0.0%
12 - 23 months
0.0%
24 - 25 months
0.0%
36 - 72 months

Figure 17: Late Start Percentage

Key points include:

**Late Start Identification:** Shows the percentage of clients whose vaccinations initiated after the recommended starting age.

**Impact on Immunization Timeliness:** A higher late start percentage may be an indication of issues with timely access to vaccinations.

# Downloading the Report

The next step is to download the Modernized Immunization Coverage Rate Report. This provides you with a detailed summary of client data, including:

- Vaccination benchmarks,
- Client demographics,
- Missed opportunity listings, and
- Client data listings.

The downloadable report offers a comprehensive overview, making it easy to review and analyze immunization coverage and follow up with clients as needed. To download the Modernized Immunization Coverage Report, select the “More Options” icon.

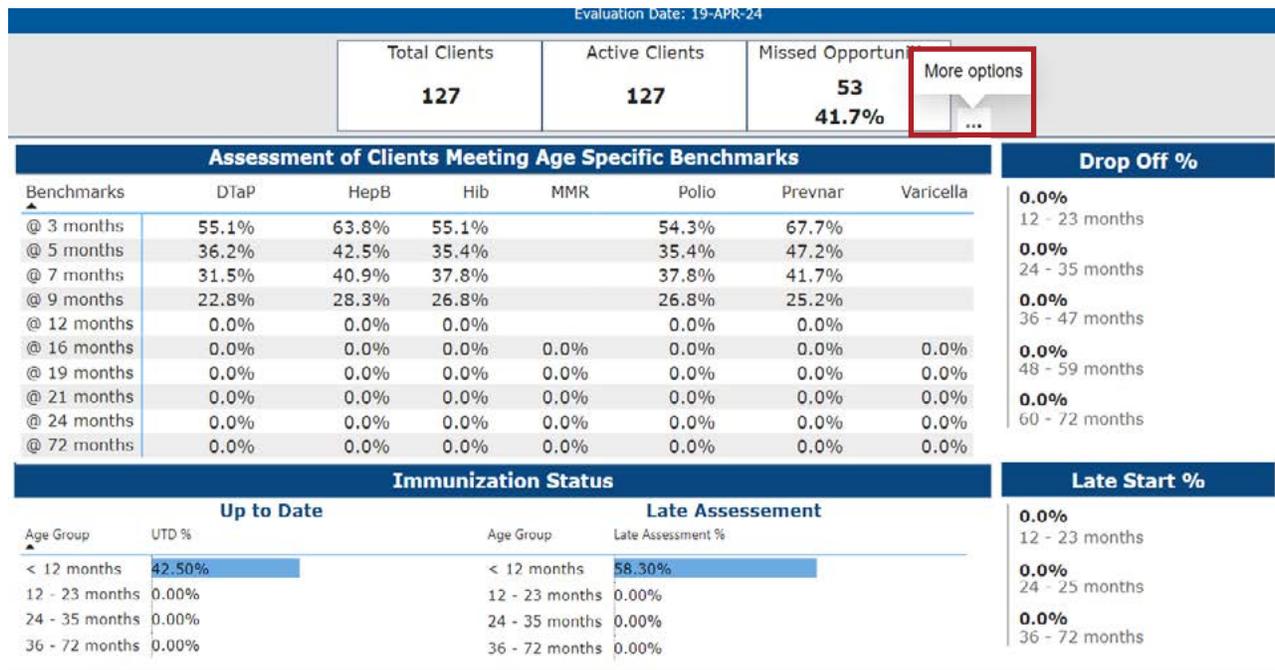


Figure 18: More Options icon

From the list of options, select “Export Data”.

Evaluation Date: 19-APR-24

Total Clients	Active Clients	Missed Opportunities
127	127	53 41.7%

**Assessment of Clients Meeting Age Specific Benchmarks**

Benchmarks	DTaP	HepB	Hib	MMR	Polio	Prevnar	Varicel
@ 3 months	55.1%	63.8%	55.1%		54.3%	67.7%	
@ 5 months	36.2%	42.5%	35.4%		35.4%	47.2%	
@ 7 months	31.5%	40.9%	37.8%		37.8%	41.7%	
@ 9 months	22.8%	28.3%	26.8%		26.8%	25.2%	
@ 12 months	0.0%	0.0%	0.0%		0.0%	0.0%	
@ 16 months	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
@ 19 months	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
@ 21 months	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
@ 24 months	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
@ 72 months	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

0.0%  
60 - 72 months

- Export data
- Show as a table
- Spotlight
- Get insights
- Sort descending
- Sort ascending
- Sort by >

Figure 19: Export Data

When selected, two options for exporting the data will appear. Select the “Data with Current Layout” option from the export formats. Then, click “Export” at the bottom of the page.

**Which data do you want to export?**

Export your data in the format that suits your needs. If you have a lot of data, the number of rows you export might be limited depending on the file type you select. [Learn more about exporting data](#)

**Data with current layout**

Export this data in the same layout you see now, but without any icons, colors, or other formatting you added.

**Summarized data**

Export the summarized data used to create your visual (for example, sums, averages, and medians).

**Underlying data**

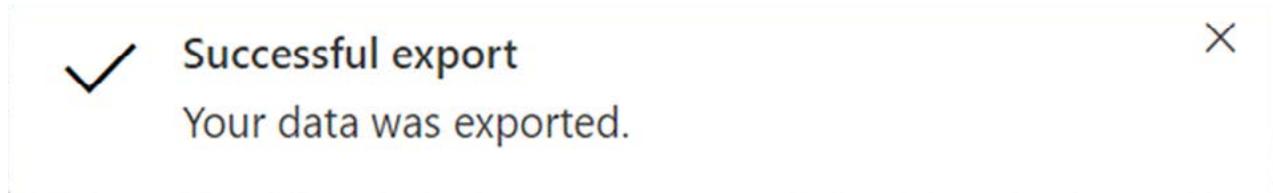
The report author turned off this option

File format:  
.xlsx (Excel 150,000-row max) v

**Export** Cancel

Figure 20: Export options

After choosing a preferred export option and exporting the report, a pop-up window confirming a “successful export” will appear.



*Figure 21: Successful Export*

Proceed to save the downloaded report. The report will display in an Excel spreadsheet format.