

Development of Vaccine Coverage & Vaccine Accountability Dashboards in New York City (NYC)

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AIRA National Meeting

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Outline

- Background
 - Citywide Immunization Registry (CIR)
 - NYC Vaccines For Children (VFC) program
 - HLN Consulting
- CIR Doses Administered Report% (DAR%)
- Provider Quarterly Reports (PQRs)
- PQR Dashboard
 - Technical background
 - Demonstration
- Utilization of the PQR Dashboard
- Next Steps

Citywide Immunization Registry (CIR)

- The Immunization Information System (IIS) for New York City (NYC)
 - Began citywide in 1997
 - Contains >15 million patient records and >180 million immunizations
 - The Online Registry is the CIR's user interface for providers
 - Mandatory reporting of immunizations for children <19 years
 - Reporting for adults ≥ 19 years requires consent
- Methods of reporting:
 - HL7 Web service (from provider electronic health records) 95%
 - Online Registry (OLR) - 5%

Partnership with HLN Consulting

- HLN has provided software development and support services to the CIR continuously since the year 2000
- CIR owns the copyright for its source code
 - CIR has shared some of its open-source components

NYC's Vaccines for Children (VFC) Program

- ~1,250 provider sites enrolled
- NYC distributes >3 million doses of VFC vaccines annually
- All VFC vaccines are ordered through CIR's Vaccine Inventory Management (VIM) system and submitted to CDC's Vaccine Tracking System (VTrckS)
- VFC vaccine distribution is linked to CIR reporting
 - Incentivizes providers to accurately report VFC vaccine usage
 - Vaccine orders may be reduced if CIR reporting is low

CIR-Generated Doses Administered Report (DAR)%

- Metric that compares:

Doses reported to the CIR x 100

Doses distributed by VFC

- VFC vaccine orders reduced based on CIR-Generated DAR

DAR %

Vaccine Doses
Distributed

Above 90%

100% approved

60% to 89%

90% approved

30% to 59%

75% approved

Below 30%

50% approved

Provider Quarterly Report (PQR)

- In 2011, the NYC Health Department began mailing PQR letters to providers in NYC on a quarterly basis
 - Up-to-Date (UTD) rates
 - Routine vaccines
 - Flu vaccine
 - Citywide facility-level vaccination coverage
 - DAR %
- During the pandemic PQRs were emailed to providers
- Distributing PQR reports was a long, manual process

Old Provider Report Examples

1. CIR-Generated Up-To-Date (UTD) % for 19 to 35 month-olds

Review Date	# of 19-35 month-olds	UTD % ^a	Citywide Percentile Ranking ^b
01/31/2023	23	91%	88
10/31/2022	24	92%	
07/31/2022	23	91%	
04/30/2022	22	82%	

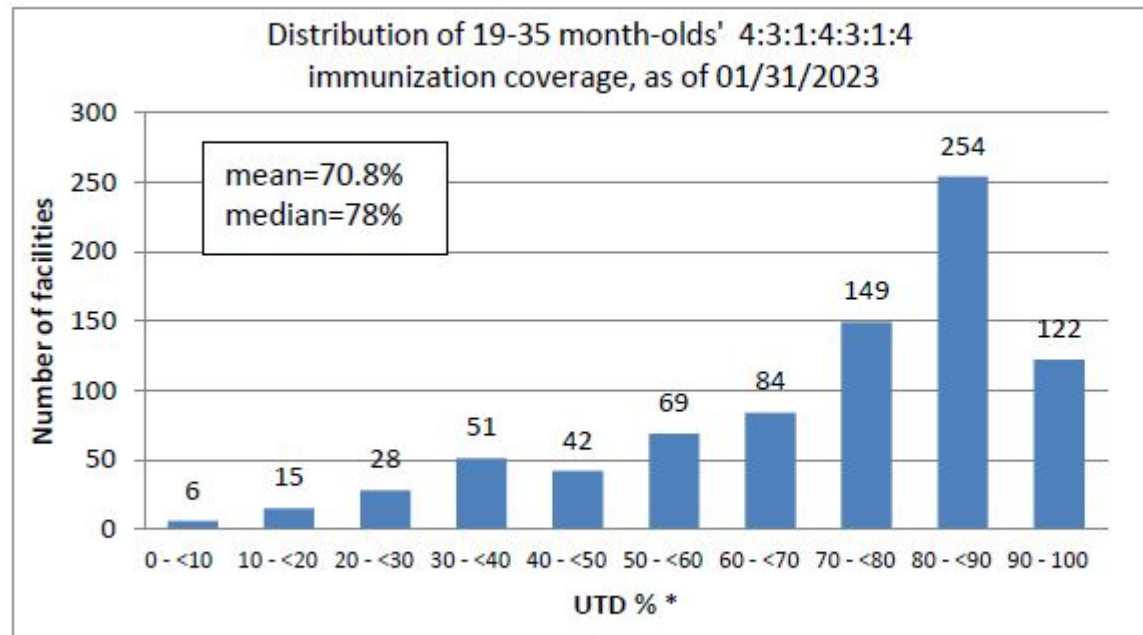
2. CIR-Generated UTD % for Influenza

Review Date	# of 6-59 mo Patients	UTD % ^c (95%ile) ^b	# of 5-11 Patient
01/31/2023	85	81% (92)	69

3. Doses Administered Report (DAR)

Period	VFC Doses Distributed	VFC Eligible	CHPlus Eligible
01/01/2022 - 12/31/2022	450	499	0
10/01/2021 - 09/30/2022	600		
07/01/2021 - 06/30/2022	500		
04/01/2021 - 03/31/2022	460		

Distribution of vaccine series coverage in New York City facilities, based on CIR data

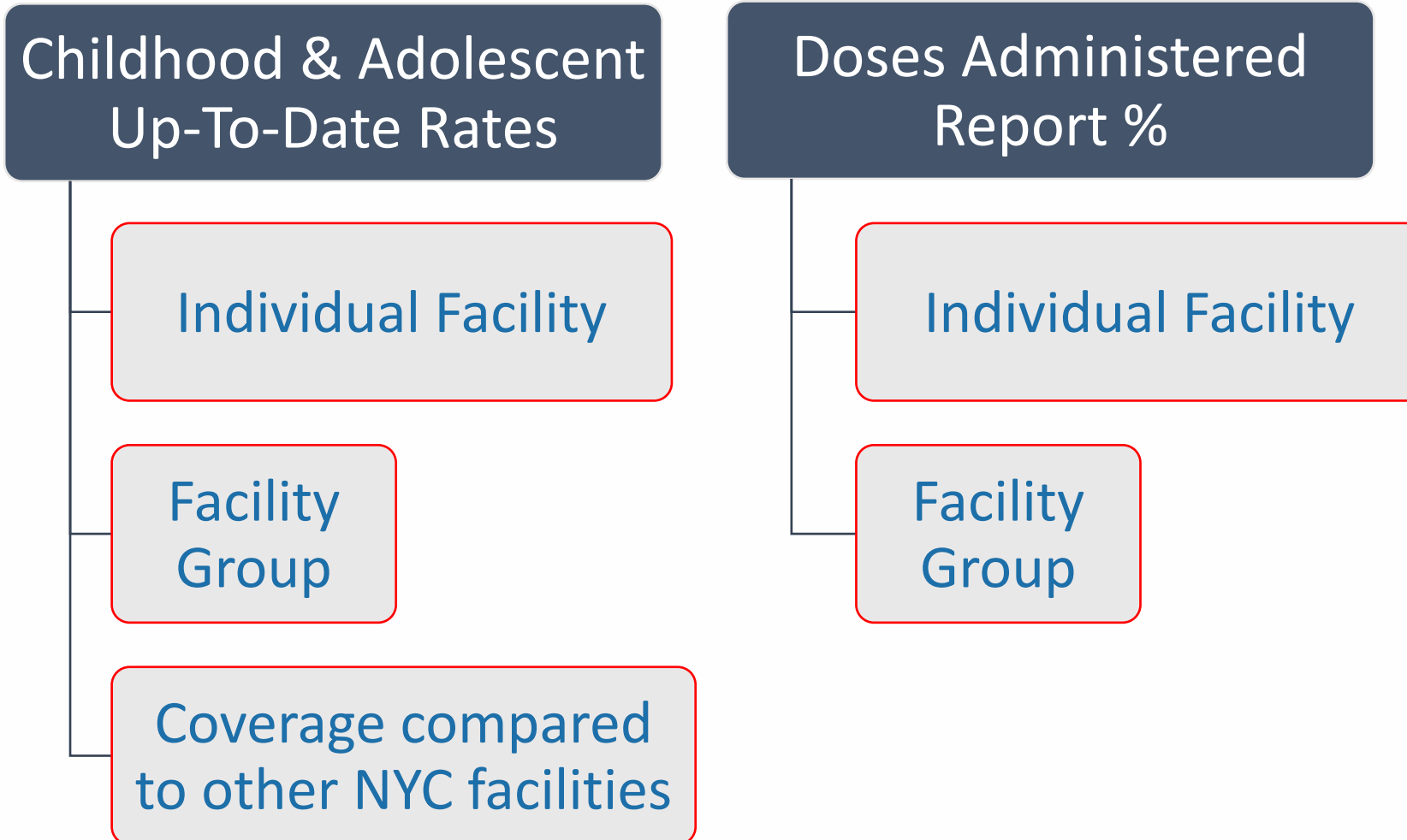


*Percentage of 19-35 month-olds who are up-to-date for the 4 DTaP, 3 Polio, 1 MMR, 4 Hib, 3 HepB, 1 Varicella, 4 PCV (4:3:1:4:3:1:4) series. Hib and PCV requirements vary based on age at first dose, total number of doses already received, current age, and product used.

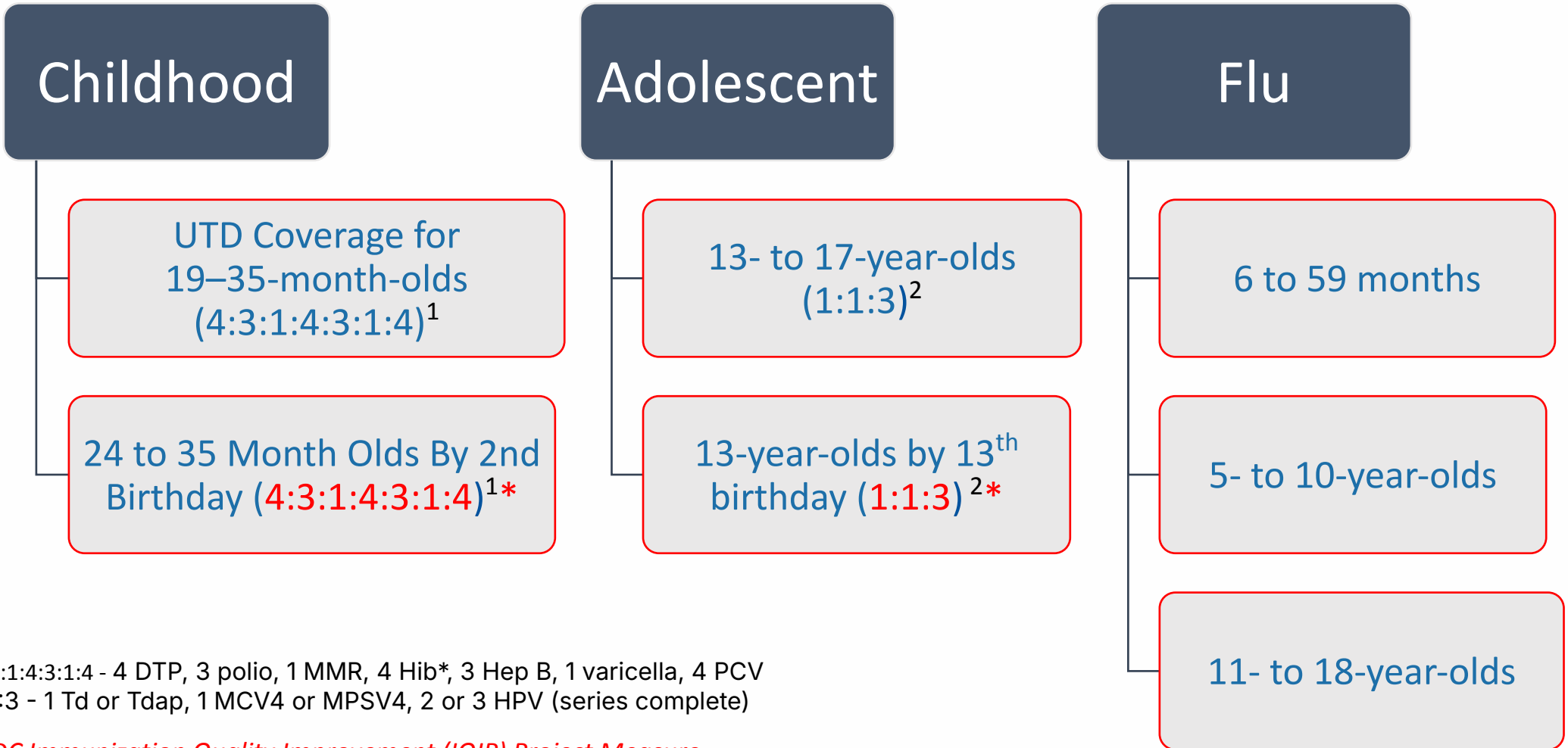
PQR Dashboard

- The PQR dashboard was created to replace the letter writing and emailing processes associated with the old provider reports
 - Providers access the PQR dashboard via the CIR Online Registry user interface
 - Data updated quarterly
 - Providers receive email notification once data has been updated
- Dashboard launched October 2024, following the launch of the HL7 data quality dashboard in the CIR Online Registry

PQR Dashboard Contents



Dashboard Content – UTD Rates



¹4:3:1:4:3:1:4 - 4 DTP, 3 polio, 1 MMR, 4 Hib*, 3 Hep B, 1 varicella, 4 PCV

²1:1:3 - 1 Td or Tdap, 1 MCV4 or MPSV4, 2 or 3 HPV (series complete)

**CDC Immunization Quality Improvement (IQIP) Project Measure*

Creating the PQR Dashboard

Dashboard Technical Components

Grafana

Visualization software

ICE

Immunization Calculation Engine

Keycloak

Single Sign-On application

PQR Service

Application used to schedule and queue data

TimescaleDB

Time series database

WebUTD

Up-to-Date evaluation software

Legend

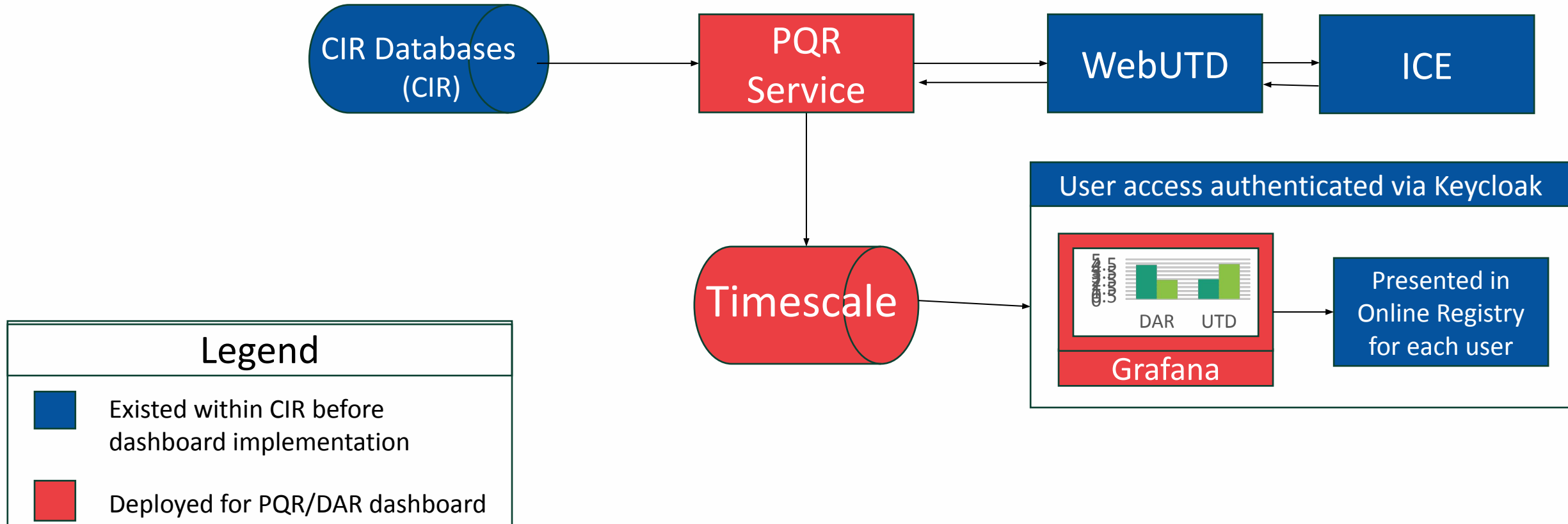


Existed within CIR before dashboard implementation

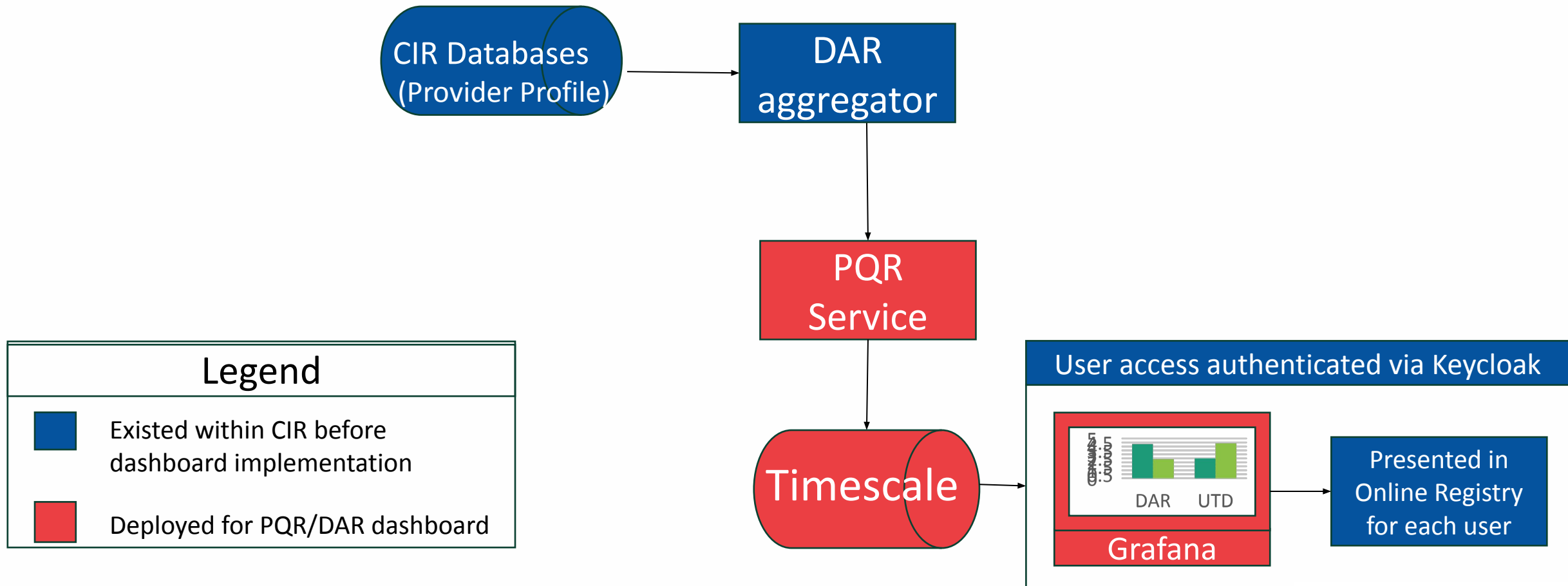


Deployed for PQR/DAR dashboard

Underlying Technology of PQR Dashboard



Technology Behind Dashboard - DAR



Dashboard Demo

Accessing the CIR Dashboards

- To access the CIR Dashboards, providers log into the Citywide Immunization Registry using their email and password
 - Single sign on process in place for CIR applications
- Select specific immunizing facility
 - If affiliated with multiple facilities, they will be able to view the CIR dashboard for each site



Welcome to Your CIR Dashboards! (900Z01)

HL7 Web Service Activity Report

This dashboard gives an overview of your facility's CIR reporting via the CIR HL7 Web Service.

Facility-Level Provider Quarterly Report

This dashboard shows the Up-to-Date (UTD) information and Doses Administered Report (DAR) data for your facility.

Group-Level Provider Quarterly Report 900Z

This dashboard shows all group Up-to-Date (UTD) and Doses Administered Report (DAR) data for facility groups where you are listed as a contact.

For questions about your facility group(s) and/or group contact, please contact: cir@health.nyc.gov. Please include the subject line: Facility Group inquiry, along with your contact information and Facility Code in your message.

PQR Section 1: Up-To-Date (UTD) Coverage Report for Individual Facilities



Provider Quarterly Report Up-to-Date Coverage Rates

VFC PIN: [REDACTED]



Provider Quarterly Report Up-to-Date Coverage Rates

CIR Facility: [REDACTED]

VFC PIN: [REDACTED]

Childhood Vaccination Coverage Rates

CIR-Generated Vaccine Series Up-to-Date (UTD) Coverage for 19 to 35 Month Olds (4:3:1:4:3:1:4)*

▼ Show/Hide Section

Up-to-Date Counts ⓘ

Date of Review	UTD Patient Count	Total Patients	% UTD	Rank	Percentile
01-31-2025	122	154	79.2%	424	54
10-31-2024	112	141	79.4%	421	53
07-31-2024	104	135	77%	381	48
04-30-2024	95	118	80.5%	452	56

Up-to-Date Percentage ⓘ



▼*

Note on Up-to-Date (UTD) Coverage Percentile Rankings

The percentile ranking is calculated for practices with at least 10 patients in the selected age group. For facilities that reported data for fewer than 10 patients in the age group, N/A will be displayed. Percentile ranking indicates your facility's performance in comparison to your peers on vaccine series UTD coverage. For example, a percentile of 60 means that 60% of NYC pediatric practices have a vaccine series UTD coverage rate equal to or lower than your practice's coverage and 40% have a coverage rate above your practice's coverage.

Note on Vaccine Series Up-to-Date (UTD) Coverage Calculations for 19-35 Month-olds

Percentage of 19-35 month-olds from your facility who are UTD for the 4 DTaP: 3 polio: 1 MMR: 4 Hib*: 3 Hep B: 1 varicella: 4 PCV* (4:3:1:4:3:1:4) combination series, based on data reported to the CIR. A 19-35 month-old patient is defined as belonging to your facility if you reported the last 4:3:1:4:3:1:4 series immunization administered to the patient at 361 days of age or older. Hib and PCV requirements vary, based on age at first dose, number of doses received, current age, and (for Hib) product used

PQR Section 1: Up-To-Date (UTD) Coverage Reports for Facility Groups



Dashboard Welcome Page

Group DAR



Group-Level Up-To-Date (UTD) Coverage

Facility Group: 900Z Citywide Immunization Registry Group

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Childhood Vaccine Series Up-To-Date (UTD) Coverage

Childhood UTD Coverage Data - Excel format



19 to 35 Month Olds (4:3:1:4:3:1:4)

24 to 35 Month Olds by 2nd Birthday (4:3:1:4:3:1:4) (IQIP)

Up to Date Coverage by Facility ⓘ

Facility ▼	2024-01-31 ▼	2024-04-30 ▼	2024-07-31 ▼	2024-10-31 ▼
9009Z11 - NYC Health Facility 1	0%	0%	0%	0%
9009Z12 - NYC Health Facility 2	0%	0%	0%	0%
9009Z13 - NYC Health Facility 3	80.7%	78.9%	80.7%	87.5%
9009Z14 - NYC Health Facility 4	82.6%	84.1%	83.9%	84.3%

Up to Date Coverage by Facility ⓘ

Facility ▼	2024-01-31 ▼	2024-04-30 ▼	2024-07-31 ▼	2024-10-31 ▼
9009Z11 - NYC Health Facility 1	0%	0%	0%	0%
9009Z12 - NYC Health Facility 2	0%	0%	0%	0%
9009Z13 - NYC Health Facility 3	54.5%	75%	91.7%	85.7%
9009Z14 - NYC Health Facility 4	71%	71.7%	75.6%	78.8%

< 1 2 3 > 1 - 4 of 12 rows

< 1 2 3 > 1 - 4 of 12 rows

Up-to-date Coverage Data Excel Output

review_date	facility_c_name	report_type	total_patients	total_utd	percent_utd	
2023-07-31	900Z1	NYC Health - Facility 1	19 to 35 Month (4:3:1:4:3:1:4)	0	0	0
2023-07-31	900Z2	NYC Health - Facility 2	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	0	0	0
2023-07-31	900Z3	NYC Health - Facility 3	19 to 35 Month (4:3:1:4:3:1:4)	0	0	0
2023-07-31	900Z4	NYC Health - Facility 4	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	90	62	68.9
2023-07-31	900Z5	NYC Health - Facility 5	19 to 35 Month (4:3:1:4:3:1:4)	127	93	73.2
2023-07-31	900Z6	NYC Health - Facility 6	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	65	48	73.8
2023-07-31	900Z7	NYC Health - Facility 7	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	466	356	76.4
2023-07-31	900Z8	NYC Health - Facility 8	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	679	539	79.4
2023-07-31	900Z9	NYC Health - Facility 9	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	5	4	80
2023-07-31	900Z10	NYC Health - Facility 10	19 to 35 Month (4:3:1:4:3:1:4)	92	74	80.4
2023-07-31	900Z11	NYC Health - Facility 11	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	290	235	81
2023-07-31	900Z12	NYC Health - Facility 12	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	260	212	81.5
2023-07-31	900Z13	NYC Health - Facility 13	19 to 35 Month (4:3:1:4:3:1:4)	341	280	82.1
2023-07-31	900Z14	NYC Health - Facility 14	19 to 35 Month (4:3:1:4:3:1:4)	1040	861	82.8
2023-07-31	900Z15	NYC Health - Facility 15	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	114	95	83.3
2023-07-31	900Z16	NYC Health - Facility 16	19 to 35 Month (4:3:1:4:3:1:4)	604	507	83.9
2023-07-31	900Z17	NYC Health - Facility 17	19 to 35 Month (4:3:1:4:3:1:4)	157	137	87.3
2023-07-31	900Z18	NYC Health - Facility 18	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	16	14	87.5
2023-07-31	900Z19	NYC Health - Facility 19	24 to 35 Month (4:3:1:4:3:1:4) by 2nd birthday	18	16	88.9
2023-07-31	900Z20	NYC Health - Facility 20	19 to 35 Month (4:3:1:4:3:1:4)	361	323	89.5



Dashboard Welcome Page

Group Flu UTD Group DAR PRINT

Group-Level Up-To-Date (UTD) Coverage

Facility Group: 900Z Citywide Immunization Registry Group

▼ Show/Hide Section

Adolescent Vaccine Series Up-To-Date (UTD) Coverage

↓ Adolescent Coverage Data - Excel format

▼ Show/Hide Section

13 to 17 Year Olds (1:1:3 Series)

Up to Date % by Facility ⓘ

Facility ▼	2024-01-31 ▼	2024-04-30 ▼	2024-07-31 ▼	2024-10-31 ▼
9009Z11 - NYC Health Facility 1	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%
9009Z12 - NYC Health Facility 2	<div style="width: 35.3%;"></div> 35.3%	<div style="width: 50%;"></div> 50%	<div style="width: 42.9%;"></div> 42.9%	<div style="width: 40%;"></div> 40%
9009Z13 - NYC Health Facility 3	<div style="width: 40%;"></div> 40%	<div style="width: 50%;"></div> 50%	<div style="width: 33.3%;"></div> 33.3%	<div style="width: 25%;"></div> 25%
9009Z14 - NYC Health Facility 4	<div style="width: 42.1%;"></div> 42.1%	<div style="width: 47.1%;"></div> 47.1%	<div style="width: 45.8%;"></div> 45.8%	<div style="width: 42.3%;"></div> 42.3%

< 1 2 3 > 1 - 4 of 12 rows

13 Year Olds by 13th Birthday (1:1:3 Series) (IQIP)

Up to Date % by Facility ⓘ

Facility ▼	2024-01-31 ▼	2024-04-30 ▼	2024-07-31 ▼	2024-10-31 ▼
9009Z11 - NYC Health Facility 1	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%
9009Z12 - NYC Health Facility 2	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%	<div style="width: 0%;"></div> 0%
9009Z13 - NYC Health Facility 3	<div style="width: 80.7%;"></div> 80.7%	<div style="width: 78.9%;"></div> 78.9%	<div style="width: 80.7%;"></div> 80.7%	<div style="width: 87.5%;"></div> 87.5%
9009Z14 - NYC Health Facility 4	<div style="width: 82.6%;"></div> 82.6%	<div style="width: 84.1%;"></div> 84.1%	<div style="width: 83.9%;"></div> 83.9%	<div style="width: 84.3%;"></div> 84.3%

< 1 2 3 > 1 - 4 of 12 rows



Dashboard Welcome Page

Group UTD Group DAR

Group-Level Flu Up-To-Date (UTD) Coverage

Facility Group: 900Z Citywide Immunization Registry Group

Influenza

Influenza Coverage Data - Excel Format

OCT-2024	NOV-2024	DEC-2024	JAN-2025	FEB-2025	MAR-2025	APR-2025
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Influenza Up-to-Date Coverage for 11 to 18 year olds by Facility

Facility	Facility Name	Date of Review	Up To Date Patients	UTD %
11	9009Z11 - NYC Health Facility 1	10-01-2024	0	0%
11	9009Z12 - NYC Health Facility 2	10-01-2024	0	0%
11	9009Z13 - NYC Health Facility 3	10-01-2024	0	0%

< 1 > 1 - 3 of 3 rows

PQR Section 2: Citywide Vaccination Coverage



Vaccine Series Coverage Among New York City Facilities

CIR Facility: [Redacted]

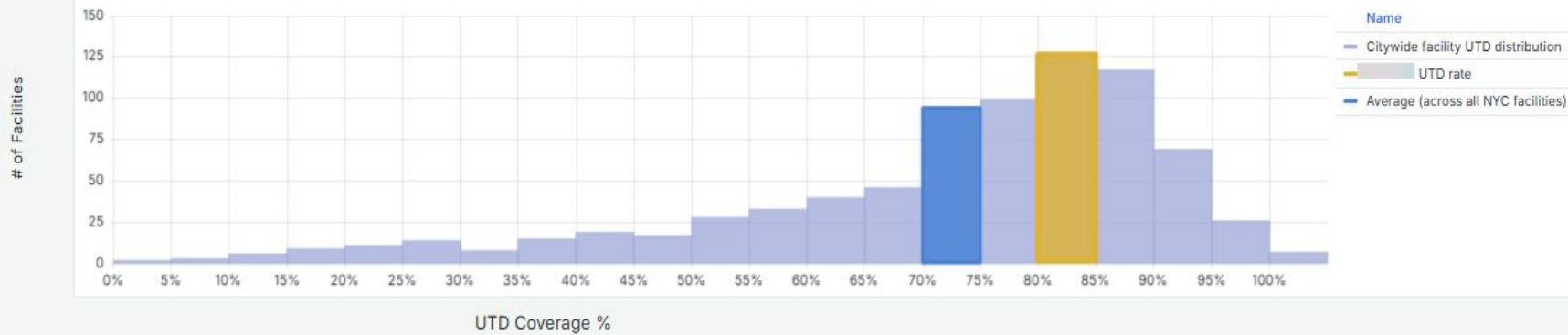
IM Pediatrics

VFC PIN: [Redacted]

▼ Show/Hide Section

Comparison of childhood vaccination coverage between your facility and other New York City providers

Childhood Combination Series (4:3:1:4:3:1:4) Coverage Distribution for 19-35 month olds ⓘ



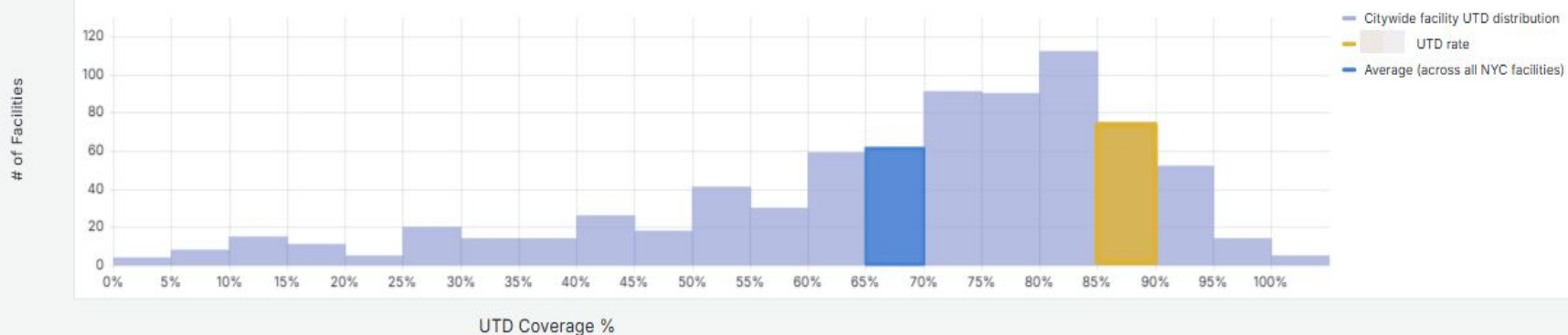
Your Facility's [Redacted] UTD coverage rate for 19-35 month olds

80.6%

Citywide Average of Facility UTD Coverage for 19-35 month-olds' 4:3:1:4:

72.2%

Childhood Combination Series (4:3:1:4:3:1:4) Coverage Distribution for 24-35 month olds (IQIP)



Your Facility's [Redacted] UTD coverage rate for 24-35 months

88.2%

Citywide Average of Facility UTD Coverage for 24-35 months

67.5%

PQR Section 3: Doses Administered Report% for Individual Facilities

CIR Dashboards

Dashboard Welcome Page

UTD Facility Report

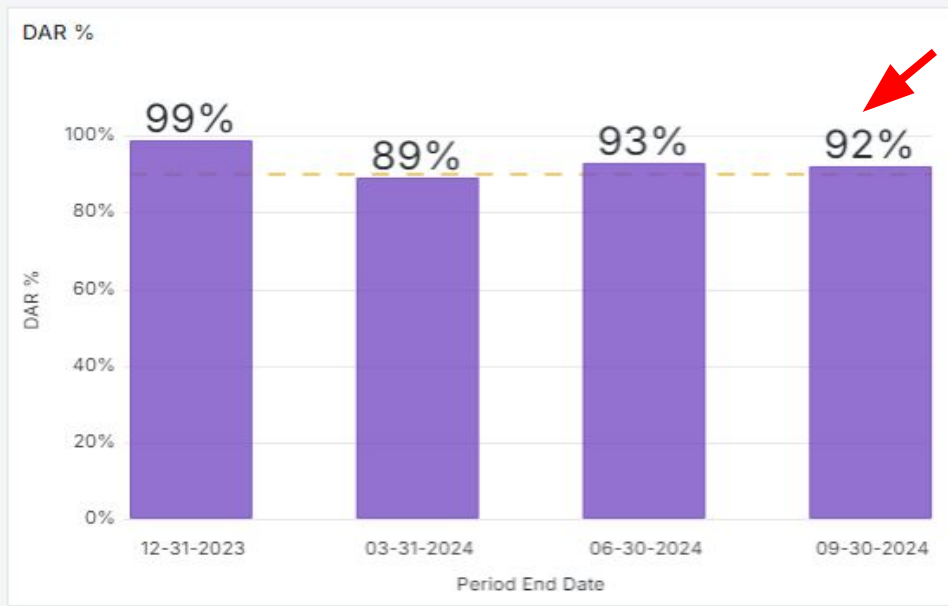
Citywide Vaccination Coverage



Doses Administered Report (DAR)

CIR Facility Code: 9009Z01 Citywide Immunization Registry VFC PIN: CIR TEST

Period Start	Period End	VFC Doses Distributed	VFC Doses Reported (VFC, CHPlus, Underinsured)	VFC Eligible	CHPlus-Eligible	Underinsured	VFC Unknown
10-01-2023	09-30-2024	2,200	2,013	2,013	0	0	153
07-01-2023	06-30-2024	2,400	2,221	2,221	0	0	922
04-01-2023	03-31-2024	2,590	2,307	2,307	0	0	1,045
01-01-2023	12-31-2023	2,560	2,534	2,534	0	0	1,153



Note on DAR Calculations

This percentage is calculated by dividing the total number of doses reported as administered to a child eligible for Vaccines for Children (VFC) or Child Health Plus (CHPlus) (numerator) by the total number of VFC doses distributed to the practice (denominator). Influenza is not included because the vaccine is seasonal. Facilities with a DAR of less than 90% are subject to reduced VFC vaccine shipments.**

--- Facilities with a DAR of less than 90% are subject to reduced VFC vaccine

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PQR Section 3: Doses Administered Report % for Facility Groups

Dashboard Welcome Page

Group UTD
Group Flu UTD
PRINT

Group Doses Administered Report (DAR)

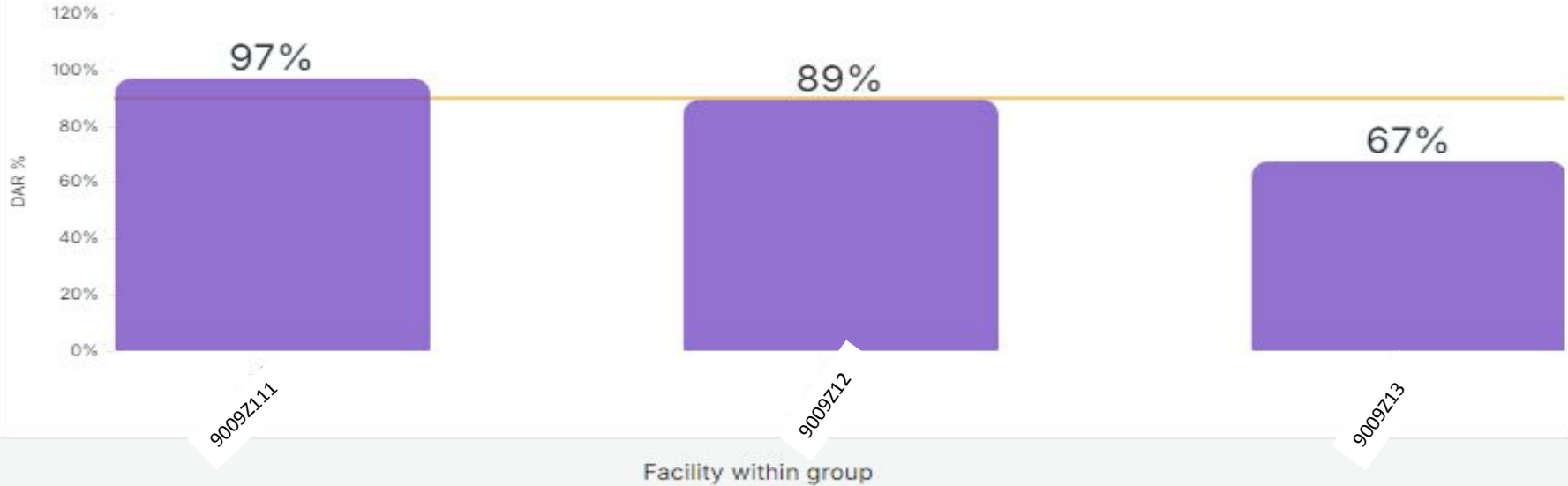
Group Code: 900Z Citywide Immunization Registry

▼ Doses Administered Report (DAR)

- JAN 2023 - DEC 2023
- APR 2023 - MAR 2024
- JUL 2023 - JUN 2024
- OCT 2023 - SEP 2024**


[Group-Level DAR - Excel Format](#)

Doses Administered Report % By Facility - Current Period



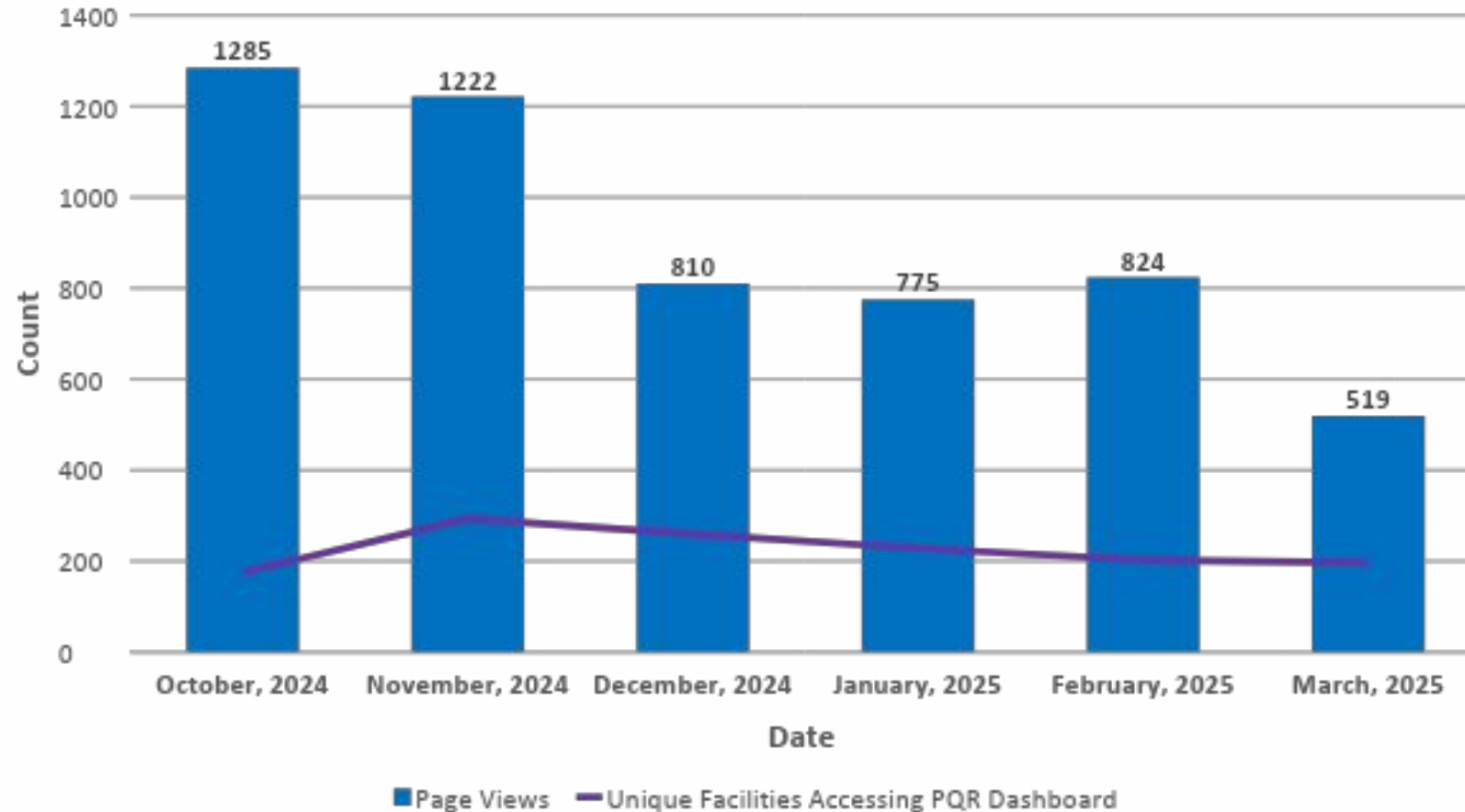
Group Doses Administered Report %



— Facilities with a DAR of less than 90% are subject to reduced VFC vaccine shipments

Utilization of the PQR Dashboard

PQR Dashboard Usage



- Over 900 sites have accessed the PQR dashboard
- Over 170 sites have downloaded a copy of the PQR report

PQR Dashboard Summary

- The PQR dashboard saves resources
 - CIR staff no longer have to manually compile data for the PQR reports
 - Manual reports took over 2 weeks of staff time
 - Over 6,000 pieces of paper were used when PQRs were mailed
- Site visit teams use the dashboards during VFC and IQIP visits
- Providers can independently review their vaccination metrics perform quality assurance activities

Next Steps

- Add DAR % calculations for additional seasonal vaccines
 - Nirsevimab
 - COVID-19 vaccines
- Increase promotion of the dashboard among providers
- Dashboard evaluation
 - What type of sites are using the dashboard?
 - Track dashboard utilization and changes to DAR % and UTD metrics

Thank You!

- Melissa Mickle-Hope mmickle@health.nyc.gov
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 - Georgia Elysee
 - Alexandra Ternier
 - Shirley Huie
 - Tina Lai
 - Stan Markov
 - Zach Betz
 - Bindy Crouch

EXTRA SLIDES

Group DAR – Doses Administered Report - Excel

AutoSave Off 025-03-30-22-05-42 - Protected View - Excel Search

File Home Insert Draw Page Layout Formulas Data Review View Help Acrobat Power Pivot

PROTECTED VIEW Be careful—files from the Internet can contain viruses. Unless you need to edit, it's safer to stay in Protected View. Enable Editing

A1 : facility_code

	A	B	C	D	E	F	G	H	I	J	K
1	facility_code	name	period_start	period_end	total_doses_received	vfc_eligible	chpluseligible	undersinsured	comb	vfc_unknown	dar_percent
2			01/01/2024	12/31/2024	2390	2085	60	0	2145	0	90
3			01/01/2024	12/31/2024	4700	3972	120	0	4092	6	87
4			01/01/2024	12/31/2024	310	204	2	0	206	0	66
5			10/01/2023	09/30/2024	2410	2259	74	0	2333	0	97
6			10/01/2023	09/30/2024	4700	4077	105	0	4182	6	89
7			10/01/2023	09/30/2024	290	194	0	0	194	0	67
8			07/01/2023	06/30/2024	2720	2508	81	0	2589	7	95
9			07/01/2023	06/30/2024	4710	4153	93	0	4246	3	90
10			07/01/2023	06/30/2024	310	222	0	0	222	0	72
11			04/01/2023	03/31/2024	2230	2355	56	0	2411	8	108
12			04/01/2023	03/31/2024	4750	4233	58	0	4291	3	90
13			04/01/2023	03/31/2024	280	238	0	0	238	0	85
14											
15											
16											

CIR Dashboards

[Dashboard Welcome Page](#)
[Citywide Vaccination Coverage](#)
[Doses Administered Report](#)


Provider Quarterly Report Up-to-Date Coverage Rates

CIR Facility: 9009201 VFC PIN: CIR TEST Citywide Immunization Registry

Childhood Vaccination Coverage Rates

CIR-Generated Up-to-Date (UTD) Coverage for 24 to 35 Month Olds By 2nd Birthday (4:3:1:4:3:1:4) (IQIP measure)*

▼ Show/Hide Section

IQIP Up-to-Date Counts ⓘ

Date of Review	UTD Patient Count	Total Patients	% UTD	Rank	Percentile
10-31-2024	17	20	85%	614	81
07-31-2024	14	17	82.4%	545	72
04-30-2024	16	17	94.1%	749	98
01-31-2024	16	18	88.9%	696	90
10-31-2023	11	14	78.6%	515	67
07-31-2023	15	18	83.3%	626	81



CIR Dashboards

Dashboard Welcome Page

Citywide Vaccination Coverage

Doses Administered Report



Adolescent Vaccination Coverage Rates

CIR-Generated UTD Coverage for 13 to 17 year olds (1:1:3)*

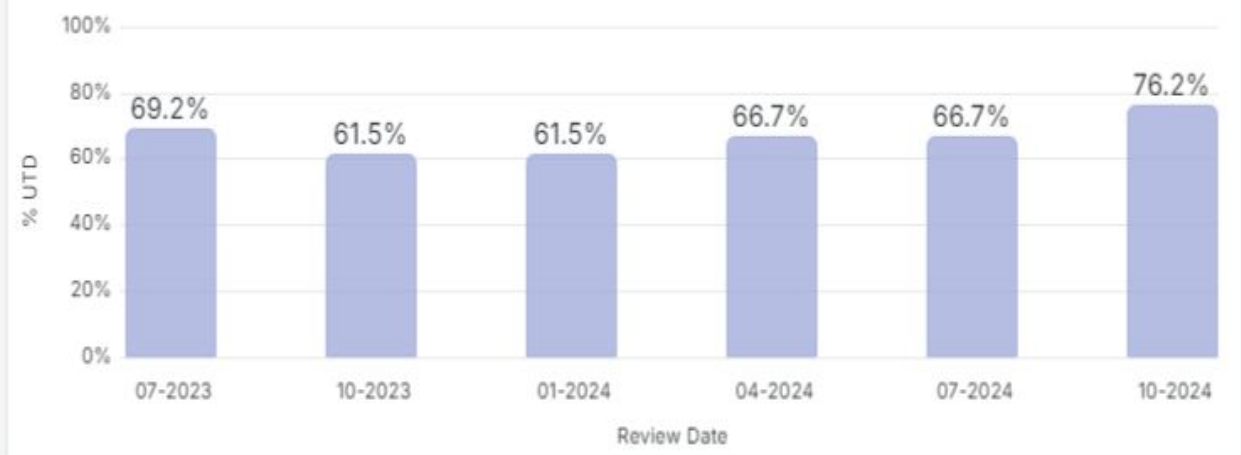
CIR-Generated Up-to-Date (UTD) Coverage for 13 year olds by 13th Birthday for 1:1:3 (IQIP Measure)*

▼ Show/Hide Section

IQIP Up-to-Date Counts ⓘ

Review Date	UTD Patient Count	Total Patients	% UTD	Rank
10-31-2024	16	21	76.2%	932
07-31-2024	14	21	66.7%	838
04-30-2024	12	18	66.7%	847
01-31-2024	8	13	61.5%	824
10-31-2023	8	13	61.5%	794
07-31-2023	9	13	69.2%	890

Up-to-Date Percentage for 13 year-olds ⓘ



Note on IQIP

*This coverage rate assessment summary is used for VFC providers participating in the Immunization Quality Improvement for Providers (IQIP) program, CDC's national immunization quality improvement program. Please email nycimmnize@health.nyc.gov if you are interested in participating.

CIR-Generated Influenza Up-to-Date (UTD) Coverage Rates

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6 to 59 month olds

5 to 10 year olds

11 to 18 year olds

Date of Review	Up To Date Patients	Total Patients	UTD %
02-01-2025	237	1111	21.3%
01-01-2025	173	1103	15.7%
12-01-2024	120	1101	10.9%
11-01-2024	90	1092	8.20%

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Date of Review	Up To Date Patients	Total Patients	UTD %
02-01-2025	573	1893	30.3%
01-01-2025	376	1877	20%
12-01-2024	307	1875	16.4%
11-01-2024	236	1864	12.7%

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Date of Review	Up To Date Patients	Total Patients	UTD %
02-01-2025	606	2193	27.6%
01-01-2025	408	2181	18.7%
12-01-2024	315	2171	14.5%
11-01-2024	206	2133	9.70%

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Facility DAR – Doses Administered Report

Dashboard Welcome Page
UTD Facility Report
Citywide Vaccination Coverage

Doses Administered Report (DAR)

CIR Facility Code: VFC PIN:

Period Start	Period End	VFC Doses Distributed	VFC Doses Reported (VFC, CHPlus, Underinsured)	VFC Eligible	CHPlus-Eligible	Underinsured	VFC Unknown
01-01-2024	12-31-2024	1,760	1,747	1,746	1	0	41
10-01-2023	09-30-2024	2,230	1,741	1,739	2	0	64
07-01-2023	06-30-2024	2,120	1,777	1,775	2	0	96
04-01-2023	03-31-2024	2,320	1,746	1,745	1	0	102

Note on DAR Calculations

This percentage is calculated by dividing the total number of doses reported as administered to a child eligible for Vaccines for Children (VFC) or Child Health Plus (CHPlus) (numerator) by the total number of VFC doses distributed to the practice (denominator). Influenza is not included because the vaccine is seasonal. Facilities with a DAR of less than 90% are subject to reduced VFC vaccine shipments.**

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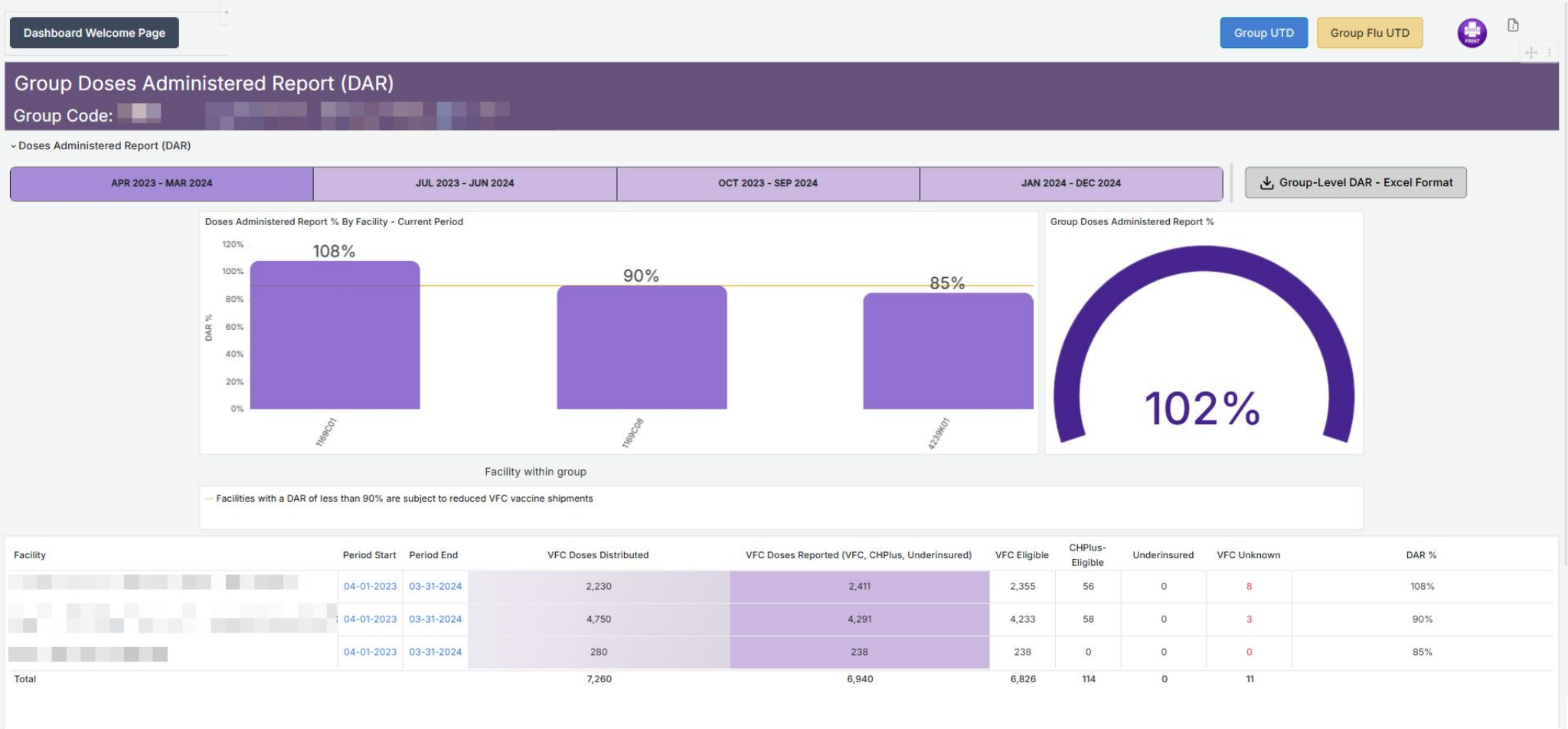
Questions?
Please email CIR with questions about the Doses Administered Report via nycimmunize@health.nyc.gov

DAR %

Period End Date	DAR %
03-31-2024	75%
06-30-2024	84%
09-30-2024	78%
12-31-2024	99%

--- Facilities with a DAR of less than 90% are subject to reduced VFC vaccine shipments

Group DAR – Doses Administered Report



Dashboard Welcome Page

[UTD Facility Report](#)
[Doses Administered Report](#)



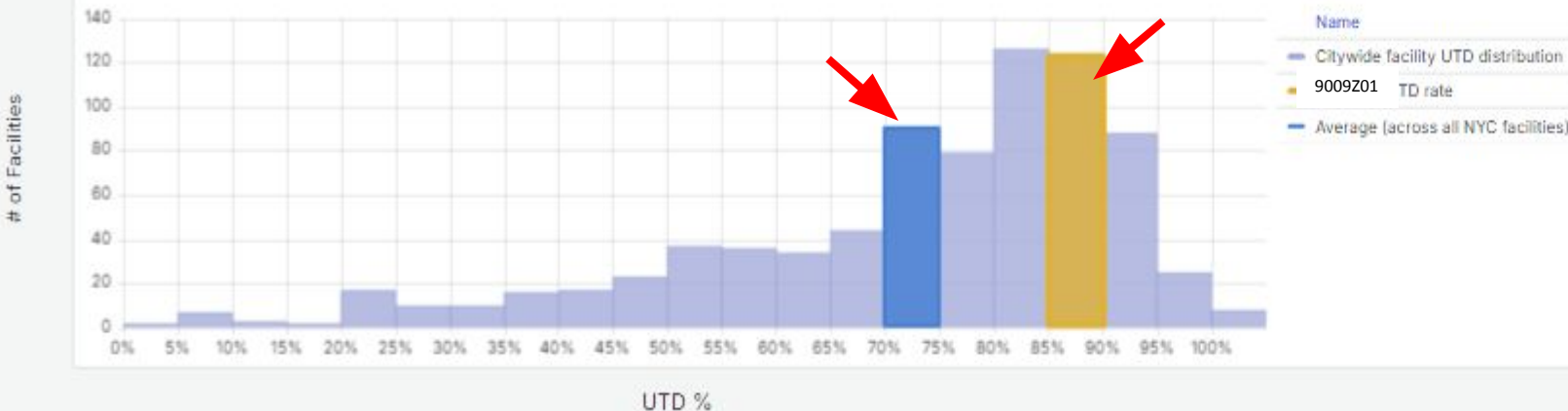
Vaccine Series Coverage Among New York City Facilities

CIR Facility: 900Z01 Citywide Immunization Registry VFC PIN: CIRTEST

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Comparison of childhood vaccination coverage between your facility and other New York City providers

Childhood Combination Series (4:3:1:4:3:1:4) Coverage Distribution for 19-35 month olds



Your Facility's 9009Z01 UTD coverage rate for 19-35 month olds
88.9%

Citywide Average of Facility UTD Coverage for 19-35 month-olds' 4:3:1:4:3:1:4
72.3%

Group – Provider Quarterly Report

Dashboard Welcome Page
Group Flu UTD
Group DAR

Group-Level Up-To-Date (UTD) Coverage

Facility Group:

▼ Show/Hide Section

Childhood Vaccine Series Up-To-Date (UTD) Coverage

Childhood UTD Coverage Data - Excel format

19 to 35 Month Olds (4:3:1:4:3:1:4)

Up to Date Coverage by Facility ⊙

Facility ▼	2024-04-30 ▼	2024-07-31 ▼	2024-10-31 ▼	2025-01-31 ▼
	64%	72%	82.4%	77.6%
	85.9%	88.5%	89.6%	86.9%
	90.9%	75%	81.8%	72.7%

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24 to 35 Month Olds by 2nd Birthday (4:3:1:4:3:1:4) (IQIP)

Up to Date Coverage by Facility ⊙

Facility ▼	2024-04-30 ▼	2024-07-31 ▼	2024-10-31 ▼	2025-01-31 ▼
	45.3%	56.6%	76.1%	65.4%
	76.7%	81.7%	83.8%	83.4%
	88.2%	84.6%	92.9%	85.7%

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▼ *

Note on Vaccine Series Up-to-Date (UTD) Coverage Calculations for 19 to 35 Month Olds

Percentage of 19-35 month-olds at your facility UTD for the 4 DTaP: 3 polio: 1 MMR: 4 Hib*: 3 Hep B: 1 varicella: 4 PCV* (4:3:1:4:3:1:4) series, based on immunizations reported to the CIR. A 19- 35 month-old patient is defined as belonging to your facility if you reported the last 4:3:1:4:3:1:4 series immunization administered to the patient at 361 days of age or older. *Hib and PCV requirements vary, based on age at first dose, total number of doses already received, current age, and product used

Note Vaccine Series Up-to-Date (UTD) Coverage Calculations for 24-35 Month-olds

Coverage rates for the childhood vaccine series are based on data reported to the Citywide Immunization Registry (CIR) as of the assessment date. A 24-35 month-old patient is defined as belonging to your facility if you reported the last 4:3:1:4:3:1:4 series immunization administered to the patient at 361 days of age or older. Childhood immunization rates are calculated retrospectively by assessing vaccination status among 24-35 month-olds at 24 months or by the 2nd birthday for the combination series: 4 DTaP: 3 Polio: 1 MMR: 4 Hib: 3 HepB: 1 Varicella: 4 PCV series. Hib and PCV requirements vary based on age at first dose, number of doses received, current age, and (for Hib) product used.

Note on IQIP

Group – Provider Quarterly Report - Flu Print Outs

1	facility_code	name	review_date	report_type	total_utd	total_patients	percent_utd
2			03/01/2025	Influenza - 5 to 10 years	112	425	26.4
3			03/01/2025	Influenza - 5 to 10 years	309	1041	29.7
4			03/01/2025	Influenza - 11 to 18 years	402	1514	26.6
5			03/01/2025	Influenza - 6 to 59 months	102	203	50.2
6			03/01/2025	Influenza - 11 to 18 years	120	450	26.7
7			03/01/2025	Influenza - 6 to 59 months	272	724	37.6
8			03/01/2025	Influenza - 11 to 18 years	22	75	29.3
9			03/01/2025	Influenza - 5 to 10 years	7	34	20.6
10			03/01/2025	Influenza - 6 to 59 months	13	44	29.5
11			10/01/2024	Influenza - 11 to 18 years	78	1453	5.4
12			10/01/2024	Influenza - 6 to 59 months	41	712	5.8
13			10/01/2024	Influenza - 5 to 10 years	59	1022	5.8
14			10/01/2024	Influenza - 6 to 59 months	21	189	11.1
15			10/01/2024	Influenza - 5 to 10 years	39	429	9.1
16			10/01/2024	Influenza - 11 to 18 years	39	451	8.6
17			10/01/2024	Influenza - 5 to 10 years	0	38	0
18			10/01/2024	Influenza - 6 to 59 months	0	59	0
19			10/01/2024	Influenza - 11 to 18 years	0	69	0
20			01/01/2025	Influenza - 11 to 18 years	296	1492	19.8
21			01/01/2025	Influenza - 6 to 59 months	201	708	28.4
22			01/01/2025	Influenza - 5 to 10 years	246	1038	23.7
23			01/01/2025	Influenza - 11 to 18 years	95	439	21.6
24			01/01/2025	Influenza - 6 to 59 months	73	209	34.9
25			01/01/2025	Influenza - 5 to 10 years	79	410	19.3
26			01/01/2025	Influenza - 5 to 10 years	6	36	16.7
27			01/01/2025	Influenza - 6 to 59 months	10	47	21.3
28			01/01/2025	Influenza - 11 to 18 years	19	74	25.7
29			12/01/2024	Influenza - 6 to 59 months	58	203	28.6
30			12/01/2024	Influenza - 6 to 59 months	141	705	20
31			12/01/2024	Influenza - 11 to 18 years	248	1482	16.7
32			12/01/2024	Influenza - 11 to 18 years	66	439	19.6
33			12/01/2024	Influenza - 5 to 10 years	204	1036	19.7
34			12/01/2024	Influenza - 5 to 10 years	68	417	16.3
35			12/01/2024	Influenza - 11 to 18 years	15	74	20.3
36			12/01/2024	Influenza - 6 to 59 months	10	48	20.8

Page 1 of 1 • 03/30/2025 05:56:27 PM EDT • Group-Level Flu Up-To-Date (UTD) Coverage

Group-Level Flu Up-To-Date (UTD) Coverage

New York City Department Of Health and Mental Hygiene - Bureau of Immunization

Facility Group: [] Name: []

Influenza

OCT-2024 NOV-2024 DEC-2024 JAN-2025 FEB-2025 MAR-2025 APR-2025

6 month to 59 month olds

Facility	name	Date of Review	Up To Date Patients	UTD %
[]	[]	02/01/2025	92	44.9
[]	[]	02/01/2025	247	34.3
[]	[]	02/01/2025	12	26.7

5 to 10 year olds

Facility	Facility Name	Date of Review	Up To Date Patients	UTD %
[]	[]	02/01/2025	91	22.2
[]	[]	02/01/2025	281	27
[]	[]	02/01/2025	7	20

11 to 18 year olds

Facility	Facility Name	Date of Review	Up To Date Patients	UTD %
[]	[]	02/01/2025	103	23.4
[]	[]	02/01/2025	354	23.6
[]	[]	02/01/2025	20	26.7

Notes

Please review the match between the CIR facility code and the VFC PIN number and report any errors to the CIR at 347-396-2400.

Additional Data Sources for NYC Coverage Rates
NIS Dashboard from CDC: [available here](#).

Questions?



Group – Provider Quarterly Report - Flu

Dashboard Welcome Page Group UTD Group DAR

Group-Level Flu Up-To-Date (UTD) Coverage

Facility Group:

Influenza

[↓ Influenza Coverage Data - Excel Format](#)

OCT-2024
NOV-2024
DEC-2024
JAN-2025
FEB-2025
MAR-2025
APR-2025

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Influenza Up-to-Date Coverage for 6 to 59 month olds by Facility

Facility	name	Date of Review	Up To Date Patients	UTD %
		02-01-2025	92	44.9%
		02-01-2025	247	34.3%
		02-01-2025	12	26.7%

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Influenza Up-to-Date Coverage for 5 to 10 years olds by Facility

Facility	Facility Name	Date of Review	Up To Date Patients	UTD %
		02-01-2025	281	27%
		02-01-2025	91	22.2%
		02-01-2025	7	20%

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Influenza Up-to-Date Coverage for 11 to 18 year olds by Facility

Facility	Facility Name	Date of Review	Up To Date Patients	UTD %
		02-01-2025	103	23.4%
		02-01-2025	354	23.6%
		02-01-2025	20	26.7%

< 1 > 1 - 3 of 3 rows

Group – Provider Quarterly Report

Print Out

Group-Level Up-To-Date (UTD) Coverage

New York City Department Of Health and Mental Hygiene - Bureau of Immunization

Facility Group: [Redacted] Name: [Redacted]

Childhood Vaccine Series Up-To-Date (UTD) Coverage

19 to 35 Month Olds (4:3:1:4:3:1:4)

Facility	2024-04-30	2024-07-31	2024-10-31	2025-01-31
[Redacted]	64	72	82.4	77.6
[Redacted]	85.9	88.5	89.6	86.9
[Redacted]	90.9	75	81.8	72.7

Note on Vaccine Series Up-to-Date (UTD) Coverage Calculations for 19 to 35 Month Olds

Percentage of 19-35 month-olds at your facility UTD for the 4 DTap: 3 polio: 1 MMR: 4 Hib*: 3 Hep B: 1 varicella: 4 PCV* (4:3:1:4:3:1:4) series, based on immunizations reported to the CIR. A 19- 35 month-old patient is defined as belonging to your facility if you reported the last 4:3:1:4:3:1:4 series immunization administered to the patient at 361 days of age or older. *Hib and PCV requirements vary, based on age at first dose, total number of doses already received, current age, and product used

24 to 35 Month Olds by 2nd Birthday (4:3:1:4:3:1:4) (IQIP)

Facility	2024-04-30	2024-07-31	2024-10-31	2025-01-31
[Redacted]	45.3	56.6	76.1	65.4
[Redacted]	76.7	81.7	83.8	83.4
[Redacted]	88.2	84.6	92.9	85.7

Note Vaccine Series Up-to-Date (UTD) Coverage Calculations for 24-35 Month-olds

Coverage rates for the childhood vaccine series are based on data reported to the Citywide Immunization Registry (CIR) as of the assessment date. A 24-35 month-old patient is defined as belonging to your facility if you reported the last 4:3:1:4:3:1:4 series immunization administered to the patient at 361 days of age or older. Childhood immunization rates are calculated retrospectively by assessing vaccination status among 24-35 month-olds at 24 months or by the 2nd birthday for the combination series: 4 DTap: 3 Polio: 1 MMR: 4 Hib: 3 HepB: 1 Varicella: 4 PCV series. Hib and PCV requirements vary based on age at first dose, number of doses received, current age, and (for Hib) product used.

Note on IQIP

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Adolescent Vaccine Series Up-To-Date (UTD) Coverage

13 to 17 Year Olds (1:1:3 Series)

Facility	2024-04-30	2024-07-31	2024-10-31	2025-01-31
[Redacted]	69.8	70	69.3	72
[Redacted]	73.7	60	63.3	72.3
[Redacted]	88.2	82.4	93.3	100

Note on Vaccine Series Up-to-Date (UTD) Coverage Calculations for 13 to 17 Year Olds

Percentage of 13-17 year-old patient at your facility UTD for 1 Td or Tdap, 1 MCV4 or MPSV4, and 2 or 3 HPV (series complete), based on immunizations reported to the CIR. A 13-17 year-old patient is defined as belonging to your facility if you reported the last immunization administered to her at or after 9 years of age.

13 Year Olds by 13th Birthday (1:1:3 Series) (IQIP)

Facility	2024-04-30	2024-07-31	2024-10-31	2025-01-31
[Redacted]	64	72	82.4	77.6
[Redacted]	85.9	88.5	89.6	86.9
[Redacted]	90.9	75	81.8	72.7

Note on Vaccine Series Up-to-Date (UTD) Coverage Calculations for 13 Year Olds by 13th Birthday

Percentile is a comparison to your peers for UTD coverage. For example, a percentile of 60 means that 60% of NYC pediatric practices have UTD coverage equal to or lower than your practice's coverage and 40% have coverage above your practice's coverage. Percentile is calculated for practices with at least 10 patients in the age range. Coverage for 13-17 year-olds is low citywide. Please be sure to vaccinate your adolescent patients and report all immunizations administered to the CIR.

Note on IQIP

*This coverage rate assessment summary is used for VFC providers participating in the Immunization Quality Improvement for Providers (IQIP) program, [CDC's national immunization quality improvement program](#). Please email nycimminize@health.nyc.gov if you are interested in participating.

PQR Dashboard Components (1)

- The PQR dashboard was created to replace the letter writing and emailing processes
- The dashboards include CIR-generated UTD rates for individual facilities and facility groups
 - Ages 19-35 months
 - 24-35 month by 2nd birthday
 - 13-17 years and
 - 13 years by 13th birthday

PQR Dashboard Components (2)

- Influenza UTD coverage
 - 6 to 59 months
 - 5-10- years
 - 11-18- years of age
- Comparison of facility vaccination coverage to coverage of other NYC facilities
- DAR %
 - Individual facilities
 - Facility groups