



California Immunization Registry (CAIR) Update

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CAIR2 – Patients and Doses*

<i>Measure</i>	<i>0-5 yrs</i>	<i>6-18 yrs</i>	<i>19+ yrs</i>	<i>All Ages</i>
Patients In	3, 816,466	8,254,192	38,549,761	50,620,497
Patients w/ ≥ 2 doses	2,377,803	7,535,723	32,729,179	42,642,705
Vaccine Doses	42,353,407	168,585,199	306,712,227	517,650,833

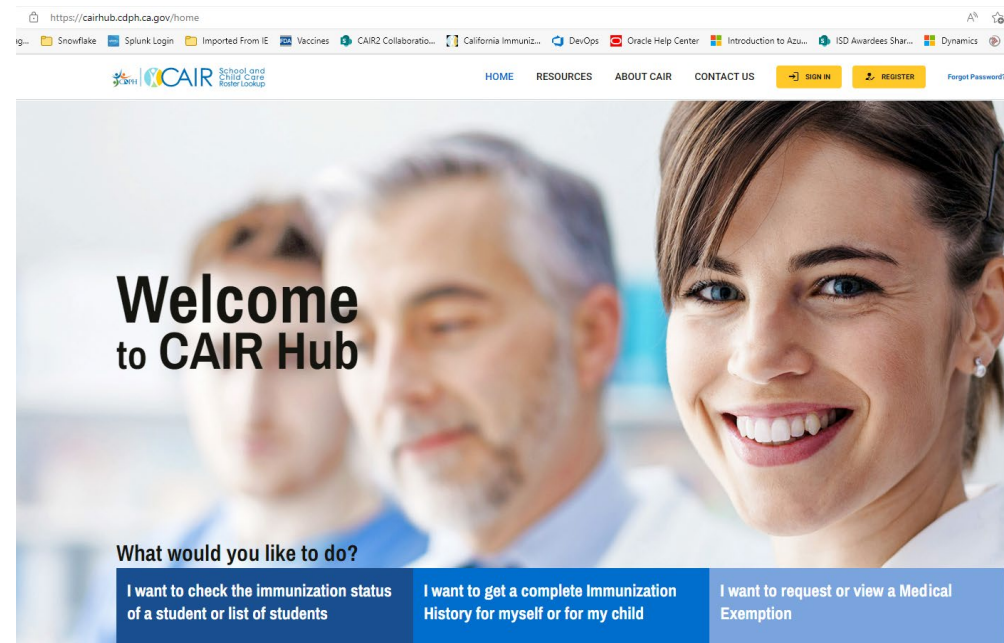
* As of January 4, 2023.

Projects

- New School Module
- Website Migration/Modernization
- CAIRWeb.org
- Shots For School
- IQIP (Live February 2022)

CAIRHub

- <https://cairhub.cdph.ca.gov>
- Go live October 2022
- Future for CAIR modernization



SCRL

- School Childcare Roster Lookup
- Replaces School Module in CAIR2
- <https://www.youtube.com/watch?v=Te4v6bKAQ68>

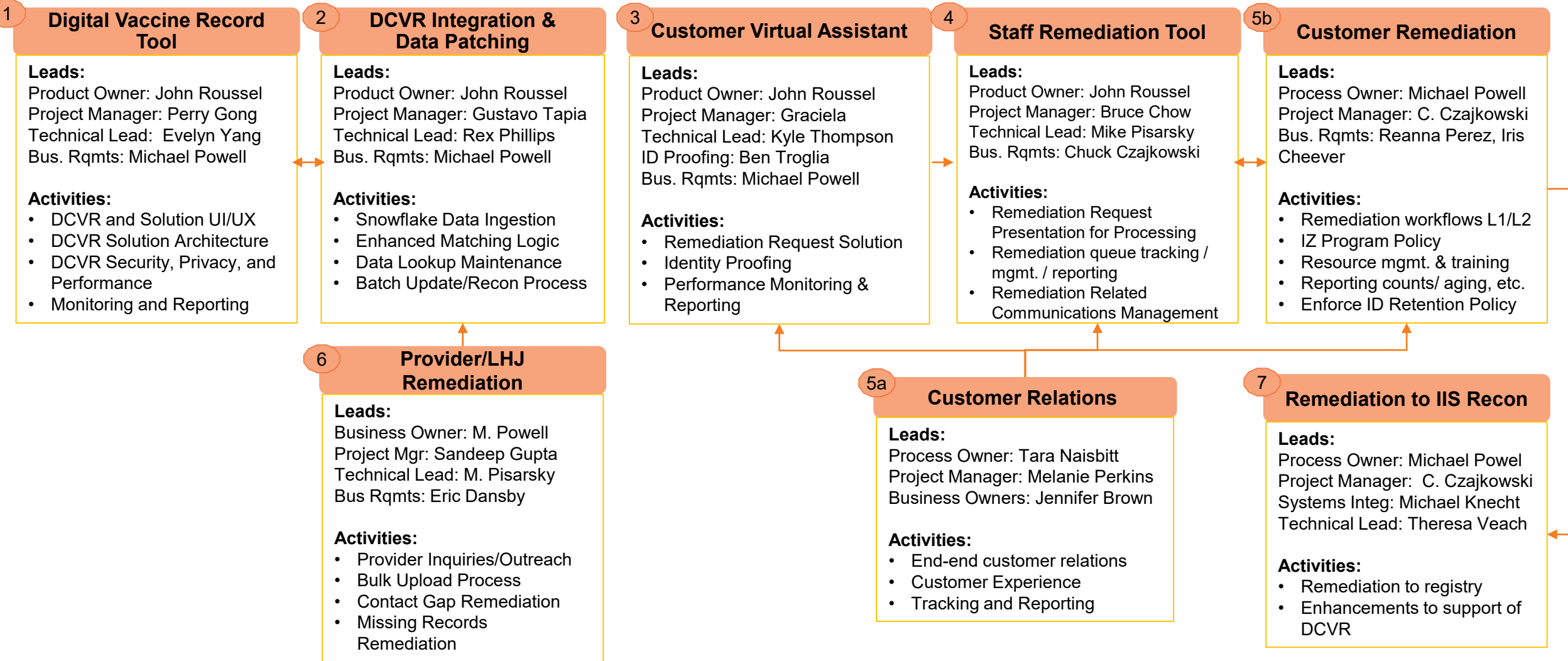


Digital COVID Vaccine Record

- <https://myvaccinerecord.cdph.ca.gov>
- Go live June 2021
- Over 19 million DCVR's delivered to date
- Built on SMART Health Card framework
- Can download to Apple Health, Google Pay, Clear App
- DCVR -> DVR

Digital Vaccine Record – Workstreams

Project Leadership: Maria Volk, Michael Powell, John Roussel, Amanda Attaie, Ajali Sen, Bruce Chow





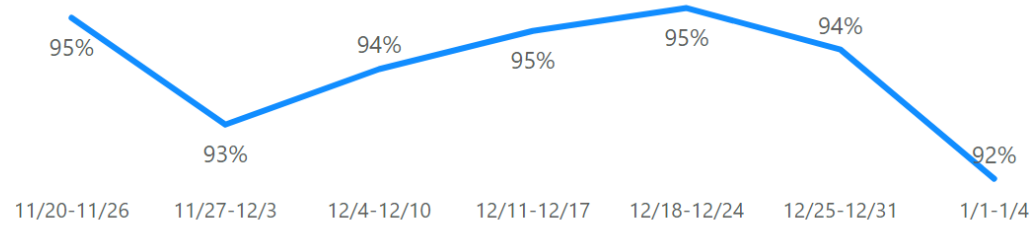
Digital Vx Record Daily Dashboard

Last Updated January 4

98%

QR Conversion Rate

DVR Match Rate since November 20, 2022

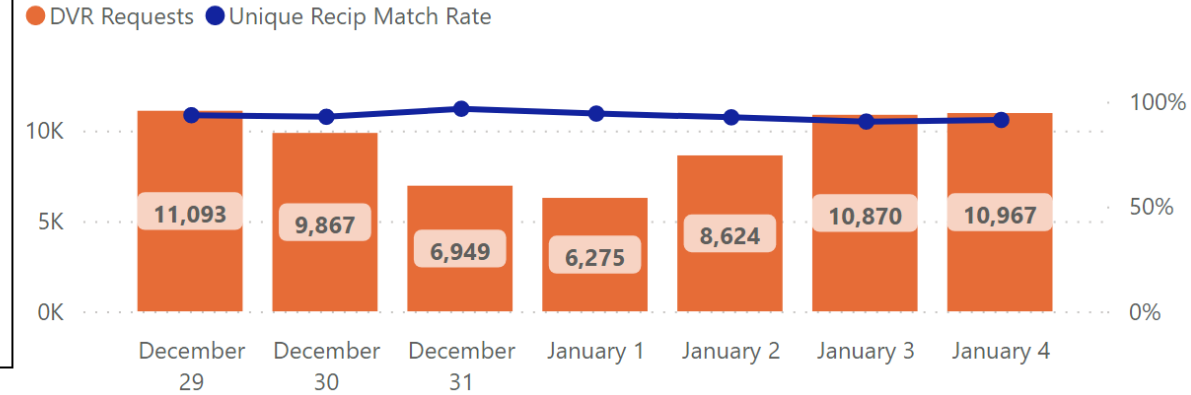


91%*

Match Rate

*Calculation reflects unique Recip QR Downloads as a % of unique IP and user agent match rate

DVR Requests and Unique Recip Match Rate



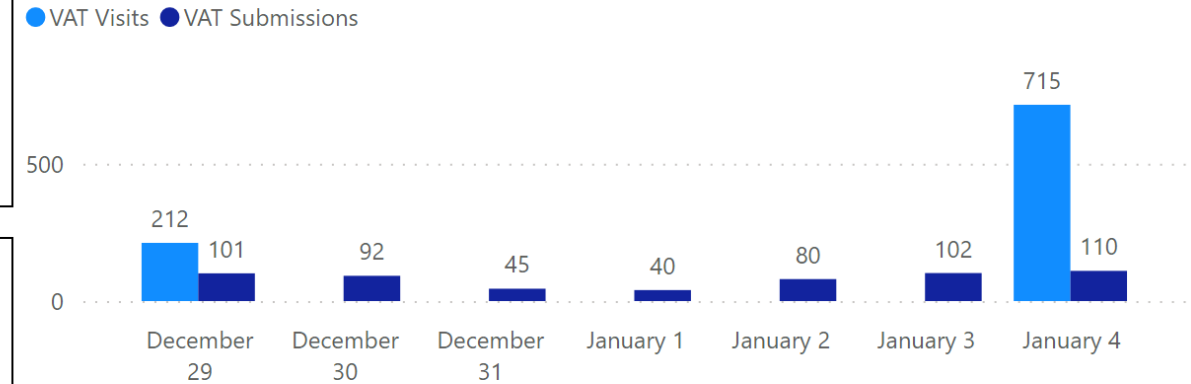
*Calculation reflects unique Recip QR Downloads as a % of unique IP and user agent match rate

Cumulative Totals since June 18, 2021

9.44M **19.17M** **8.85M** **333** **204,348** **34,328**

Unique Recip ID QR Deliveries Total QR Deliveries Total VAT Links Sent CAIR Remediations Outstanding Call Center DVR Calls CAIR Help Desk Calls

VAT Visits and Submissions by Date



Daily Totals January 4

8,528 **2,439** **355** **0** **48**

Total QR Deliveries Total VAT Links Sent CAIR Cases Closed Call Center DVR Calls CAIR Help Desk Calls

- Cumulative Totals are as of 7:30AM of the current date. Daily Totals are the previous day 12:00AM - 12:00AM.
- DVR Match Rate reflects unique IP addresses for those submitting a DVR request and receiving a QR code.
- Cumulative total for Total VAT Links Sent is July 1 through the current date.
- VAT Visits reflect unique IP and user agent for those visiting the DVR VAT site.

SDIR Transition

- Original Go Live Date 4/4/2022
- Delayed to 4/25/2022
- Why?
 - Ensure proper training
 - Data file volume
 - IRIS reporting validation

SDIR Transition

- Migration
 - Data Loaded from 1990-March 2022
 - 259 Files Sets
 - 10.5MM Patients
 - 50.7MM Doses (over 6 million COVID doses)
 - Inventory
 - < 400 inventory lots to be imported
 - Imported with RPA on go live weekend

SDIR Transition

- Data Exchange
 - ~880 data exchange sites in SDIR
 - ~800 of those are represented by 7 large data submitters (vendor/parent or HIE)
 - Multiple meetings with sites/vendors/HIEs to assist with message formatting
 - < 30 days before go live
 - 99% contact response rate with the site directly or the vendor (only 5 sites have been unresponsive)
 - 95% of sites cleared for production

SDIR Transition

- Communications
 - Dozens of communications sent to 1000's of recipients
 - Strong collaboration between comms team and SDIR
 - And still some people don't read emails!
- Training
 - Conducted 62 existing user trainings
 - 943 users trained

Healthy Futures/RIDE Data Sharing

- Data Sharing with HF/RIDE
 - All HF/RIDE doses available in CAIR2
 - Data sharing complete 11-7-2022
 - HF/RIDE queries CAIR2 as needed
 - Existing Healthy Futures users continue to use Healthy Futures
 - >1500 HF/RIDE organizations added to CAIR2
 - >26MM doses in process of being added to CAIR2

AB 1797

- Approved by Governor September 27, 2022
- Amends Health and Safety Code 120440, which governs Immunization Registry data use
- Mandates ALL vaccines administered in California be reported to the Immunization Registry
- Adds required data elements to include race and ethnicity
- From 1/1/2023 to 1/1/2026, allows schools/childcare to lookup COVID-19 vaccination status for attendance purposes
- Effective 1/1/2023

AB 1797

- CDPH has convened teams to manage communications and workflows to support AB 1797 changes
- FAQ's posted to support providers/consumers
 - [AB 1797 Immunization Registry FAQs \(ca.gov\)](#)
- Law effective 1/1/2023

Data Exchange (DX)

~92% of immunization data comes into CAIR through data exchange

Average DX numbers for 2022

- ~4 MIL vaccination messages received per month
- ~22 MIL queries received per month

Data quality is important!

Data Quality

- Accuracy – data sent needs to be accurate
- Complete – data should not have missing values
- Timely – data received within 24 hours

Data Quality

How can our DX partners help?

Confirm data quality by:

- Monitoring your clinic's message flow
- Communicate with your EHR vendor if excess errors occur
- Periodically look up patients in CAIR2 to make sure records in CAIR2 reflect what is in your EHR

Data Exchange Questions?

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Questions?

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