

Quick Guide for Data Exchange Check Status Feature

Monitoring Data Quality for Data Exchange Power and Quality Assurance Users

Revised: 4/12/23

Important Note: This Quick Guide only describes how to log into CAIR2 and use the Check Status feature. The Check Status feature allows a clinic to monitor ongoing Data Exchange activity.

Step 1: Log into CAIR2

Go to [CAIR2](https://cair.cdph.ca.gov) (<https://cair.cdph.ca.gov>)

- Enter your **Org Code (Provider ID)**, **Username**, and **Password** and click the **Login** button.

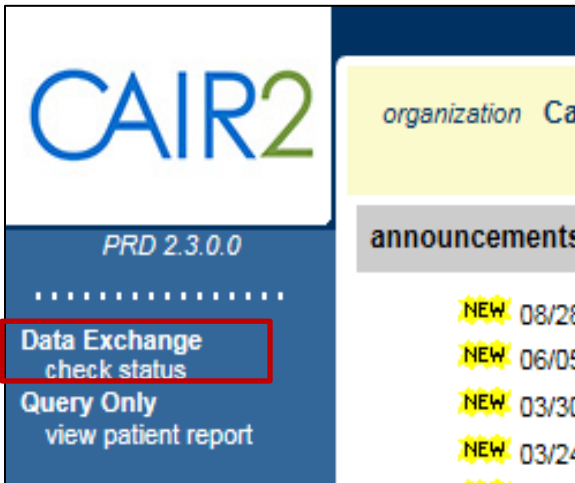
The screenshot shows the CAIR2 login interface. At the top left is the CAIR2 logo. To its right is the text 'Califo'. Below the logo is a navigation bar with 'PRD' and 'HOME' tabs. A 'Hot Topics' section is visible. The login form, highlighted with a red border, contains the following fields and buttons:

- Org Code:
- Username:
- Password:
- Login button

Below the login form, there is a 'Welcome to the Califo' message and a link for new users to request access.

Step 2: Go to the Check Status Screen

On the Home screen, click the Check Status link.



Step 3: Define Search Criteria

- Set your Date and Time Range over what period you would like to review recent messages [Yellow Arrows].
- Choose 'Realtime' under the Mode dropdown.
- Choose one of the options under the Message Type dropdown (VXU or QBP).
- Leave Job Action set to 'ALL'
- Click the Search button

NOTE: If you have the MSH-10 value for the message you wish to view, you can enter it in the field provided and click the search button to bring up just that particular message.

Step 4: Review Incoming HL7 Messages

The Job Name lists messages received by CAIR2 from your Site during the period shown.

The contents of messages and respective responses have hyperlinks that can be viewed by clicking on the Job Name.

The Necessary Actions are color coded:

Yellow: Informational/non-critical Warning/Errors found in Message

Red: Critical Error found in Message

Exchange Data Status

Job Date: Start Date 04/01/2023, End Date 04/05/2023, Job Status: All, Mode: Realtime, Message Type: All [Search]

Job Time: Start Time 12:00, End Time 11:59, MSH-10 Search: [], Job Action: All

AM PM AM PM *MSH-10 search will not return result prior to 09-19-2021.

Results Returned 1 - 80 of 80 Page 1 of 1

Job Name	Job Type	Exchange Data Date	Process Start Date	Process End Date	Message Type	Job Status	Job Action
Realtime 04/05/2023 08:37:49	Realtime	04/05/2023 20:37:49	04/05/2023 20:37:49	04/05/2023 20:37:49	VXU	Complete	No action required
Realtime 04/05/2023 08:28:21	Realtime	04/05/2023 20:28:21	04/05/2023 20:28:21	04/05/2023 20:28:21	VXU	Error	Message/Segment Rejected - Correct and Resubmit
Realtime 04/05/2023 04:48:50	Realtime	04/05/2023 16:48:50	04/05/2023 16:48:50	04/05/2023 16:48:50	VXU	Error	Message/Segment Rejected - Correct and Resubmit
Realtime 04/05/2023 04:30:43	Realtime	04/05/2023 16:30:43	04/05/2023 16:30:43	04/05/2023 16:30:43	VXU	Complete	Message Accepted - Error Correction Requested
Realtime 04/05/2023 03:23:41	Realtime	04/05/2023 15:23:41	04/05/2023 15:23:41	04/05/2023 15:23:42	VXU	Complete	Message Accepted - Error Correction Requested

Step 5: Review Individual HL7 Messages

- Both the submitted HL7 VXU/QBP message ('Inbound HL7 251 File') and the HL7 ACK ('HL7 251 Response') sent back to the submitter can be viewed.

Download Files for: Realtime 09/13/2021 05:37:22 Refresh

[HL7 251 Response \(1KB\)](#) Cancel

[Inbound HL7 251 File \(1KB\)](#)

Download Log for: Realtime 09/13/2021 05:37:22

File	User Name	Download Date
No Download Logged		

Summary Information for: Realtime 09/13/2021 05:37:22

Description	Patient	Immunization	Comment	Event	TBTest
Processed	1	1	0	0	0
Accepted	1	1	0	0	0
New	1	1	0	0	0
Updated	0	0	0	0	0
Deleted	-	0	-	-	-
Already in CAIR IIS	0	0	0	0	0
Rejected	0	0	0	0	0
Pending	0	0	0	0	0
Unprocessed (patient rejected)	-	0	0	0	0
Inventory Updated	0	0	0	0	0
Inventory Not Updated	0	1	0	0	0

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- The Summary Information table details whether the patient record has been updated and what information was added or updated.

Step 6: Review Individual HL7 Message Details

- Click on the HL7 VXU/QBP message ('Inbound HL7 251 File') and the HL7 ACK ('HL7 251 Response') to view details.

Example HL7 VXU Message ('Inbound HL7 251 File')

```
MSH|^~\&|MyEMR|DE-000001|
|CAIRLO|20210630||VXU^V04^VXU_V04|CA0001|P|2.5.1|||ER|AL|||Z22^CDCPHINVS|DE-000001
PID|1||PA123456^^^MYEMR^MR||JONES^GEORGE^M^JR^^L|MILLER^MARTHA^G^^^M|20140227|M||2
106-3^WHITE^CDCREC|
1234 W FIRST ST^^BEVERLY
HILLS^CA^90210^^H|^PRN^PH^^^555^5555555||ENG^English^HL70296|||2186-5^ not Hispanic or
Latino^CDCREC||Y|2
PD1|||02^REMINDER/RECALL – ANY METHOD^HL70215|N|20140730||A|20140730|
NK1|1|JONES^MARTHA^^^L|MTH^MOTHER^HL70063|1234 W FIRST ST^^BEVERLY
HILLS^CA^90210^^H|^PRN^PH^^^555^5555555|
ORC|RE||197023^CMC|||^Clark^Dave|^Smith^Janet^^^^^^L^^^^^^MD |||
RXA|0|1|20210730||08^HEPB-PEDIATRIC/ADOLESCENT^CVX|.5|mL^mL^UCUM||00^NEW IMMUNIZATION
RECORD^NIP001|1245319599^Smith^Janet^^^^^^CMS^^^^NPI^^^^^^MD|^DE-
000001|||0039F|20200531|MSD^MERCK^MVX||CP|A
RXR|C28161^INTRAMUSCULAR^NCIT|LA^LEFT ARM^HL70163
OBX|1|CE|64994-7^Vaccine funding program eligibility category^LN|1|V03^VFC eligibility –
Uninsured^HL70064|||F||20220701140500
```

Example ACK Messages Generated By CAIR2 ('HL7 251 Response')

Valid Message

```
MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20210630||ACK^V04^ACK|TEST1|P|2.5.1|||CAIR
IIS|UATPRNT
MSA|AA|1791129
```

Warning (Informational)

```
MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20210630||ACK^V04^ACK|TEST1|P|2.5.1|||CAIR
IIS|UATPRNT
MSA|AE|1791129
ERR||RXA^1^10^1^13|0^Message accepted^HL70357|W|5^Table value not found^HL70533|||Informational
error - No value was entered for RXA-10.13
```

If the message displays errors, please contact your EMR vendor for assistance.

Error (Message Rejected)

MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20210630||ACK^V04^ACK|TEST1|P|2.5.1|||||||CAIR IIS|UATPRNT

MSA|AE|1791129

ERR||PID^1^3^0|101^Required field missing^HL70357|E|6^Required observation missing^HL70533|||MESSAGE REJECTED - REQUIRED FIELD PID-3-5 MISSING

Application Rejection

MSH|^~\&|CAIR IIS|CAIRIIS||UATPRNT|20210630||ACK^V04^ACK|TEST1|P|2.5.1|||||||CAIR IIS|UATPRNT

MSA|AR|1791129

ERR||MSH^1^11|202^Unsupported processing ID^HL70357|E|4^Invalid value^HL70533|||MESSAGE REJECTED. INVALID PROCESSING ID. MUST BE 'P'

For Additional Support

CAIR Data Exchange

Hours: Monday - Friday 8:00AM - 5:00PM

Email: CAIRDataExchange@cdph.ca.gov

[CAIR Website](http://cdph.ca.gov/cair): (cdph.ca.gov/cair)