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)

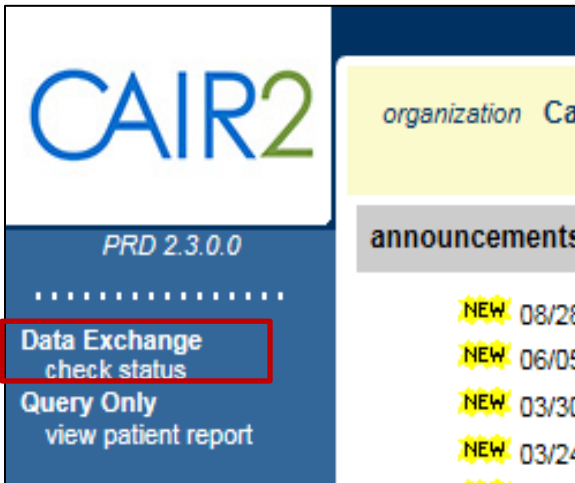• Enter your **Org Code (Provider ID)**, **Username**, and **Password** and click the **Login** button.

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

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.

- 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: (cdph.ca.gov/cair)