

Quick Guide for Data Exchange Check Status Feature

Monitoring Data Quality for Data Exchange Power and Quality Assurance Users

Revised: 9/18/21

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 <https://cair.cdph.ca.gov>
- Enter your **Org Code (Provider ID), Username,** and **Password** and click the **Login** button.

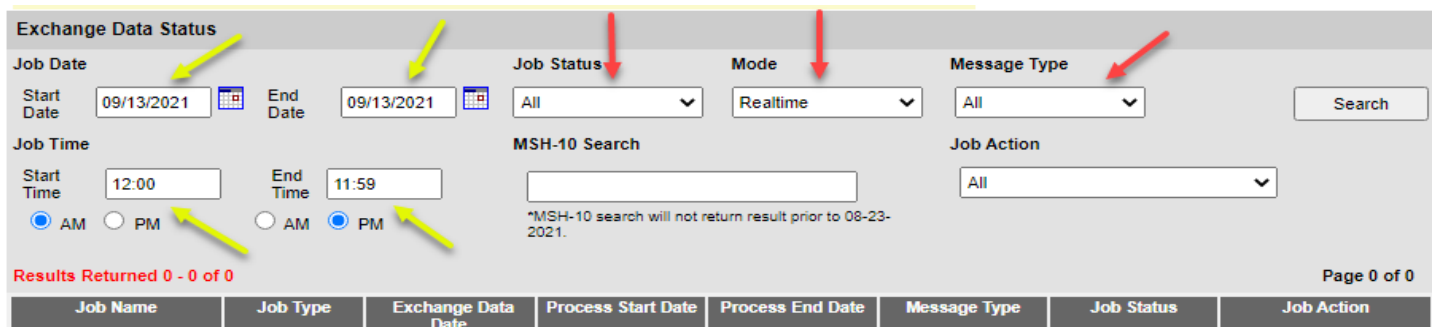


Step 2: Go to the Check Status Screen

- On the Home screen, click the 'Check Status' link.



Step 3: Define Search Criteria



Exchange Data Status

Job Date: Start Date: 09/13/2021, End Date: 09/13/2021

Job Status: All, Mode: Realtime, Message Type: All

Job Time: Start Time: 12:00, End Time: 11:59

MSH-10 Search: [Field]

Job Action: All

Results Returned 0 - 0 of 0

Job Name	Job Type	Exchange Data Date	Process Start Date	Process End Date	Message Type	Job Status	Job Action
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- 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	Job Status	Mode	Message Type					
Start Date: 09/01/2021	All	Realtime	All					Search
End Date: 09/13/2021								
Job Time	MSH-10 Search	Job Action						
Start Time: 12:00		All						
End Time: 11:59								
AM PM								
*MSH-10 search will not return result prior to 08-23-2021.								
Results Returned 1 - 3 of 3							Page 1 of 1	
Job Name	Job Type	Exchange Data Date	Process Start Date	Process End Date	Message Type	Job Status	Job Action	
Realtime 09/09/2021 12:09:00	Realtime	09/09/2021 12:09:00	09/09/2021 12:09:00	09/09/2021 12:09:00	VXU	Complete	No action required	
Realtime 09/09/2021 12:07:13	Realtime	09/09/2021 12:07:13	09/09/2021 12:07:13	09/09/2021 12:07:13	VXU	Complete	Message/Segment Rejected - Correct and Resubmit	
Realtime 09/09/2021 12:02:31	Realtime	09/09/2021 12:02:31	09/09/2021 12:02:31	09/09/2021 12:02:31	VXU	Complete	Message/Segment Rejected - Correct and Resubmit	
Realtime 09/02/2021 02:21:08	Realtime	09/02/2021 14:21:08	09/02/2021 14:21:08	09/02/2021 14:21:09	VXU	Complete	Message Accepted - Error Correction Requested	
Realtime 09/02/2021 02:21:08	Realtime	09/02/2021 14:21:08	09/02/2021 14:21:08	09/02/2021 14:21:09	VXU	Complete	Message/Segment Rejected - Correct and Resubmit	

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.

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

[HL7 251 Response \(1KB \)](#) ←

[Inbound HL7 251 File \(1KB \)](#) ←

Refresh

Cancel

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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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||2106-3^WHITE^CDCREC|
1234 W FIRST ST^^BEVERLY HILLS^CA^90210^^H||^PRN^PH^^^555^555555||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^^^555^555555|
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^^^^^NP^^^^^^^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: www.cairweb.org