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Subject:	CCSQ Data & Analytics Weekly Communication

QualityNet | Analytics

Weekly Communication

October 25, 2021

This email is part of a weekly communication series from the CCSQ Data and Analytics team, designed to provide you the latest updates on the CCSQ Analytics Platform (CAP), the Centralized Data Repository (CDR), and user experience offerings.

This week's email contains information and updates on the following topics:

- This Weekend's Unplanned Outage – Impact & Instructions
- CDR Data Issues Updates
- CDR Weekly Refresh Update
- CCSQ Data Camp Session Materials
- Important Dates and Links

Unplanned Outage – Impact and Instructions

Last evening, the CDR/Hive and SAS Viya environment was made available to the end user community. Please note that the Zeppelin Livy Interpreter for CMS Federal users remains offline at this time. A communication will be sent out once the Livy interpreter is back online.

Please note that we are currently reaching out and working with the organizations which were impacted by this event. All affected users should follow the instructions below to restore any data lost from October 9th date onward if any of the below scenarios are encountered:

1. **Scenario 1**: If a table was created after October 9th 2021 and was lost
   Action Needed: Drop and recreate the Tables

2. **Scenario 2**: After running code, if you encounter the following error, "java.io.FileNotFoundException: File hdfs://pdcdr f6d20f108.hcqis.org:8020/warehouse/tablespace/managed/hive/ <database>.db/<table> does not exist "
   Action Needed: Drop and recreate the tables

3. **Scenario 3**: Data inserted, updated or deleted into any existing tables after October 9th
   Action Needed: Re-perform those insert, update or delete transactions

4. **Scenario 4:** Your Zeppelin Notebooks have been lost
   Action Needed: Recreate/Reimport your local copies of Zeppelin Notebooks

If you have questions or issues about the instructions above, please open a help desk ticket by emailing servicecentersos@cms.hhs.gov (routing to ADO-QualityNet Analytics) or by reaching out via Slack on #help-service-center-sos.

CDR Data Issues Updates

Schema Name	Current Status
resource_hqr_prs_ supplemental	The Beneficiary merge code for PRS was found to have an issue where it isn't updating existing records and new data isn't being loaded properly into PRS. This was identified with death data originally sourced from BIC. The following tables are impacted: • resource_hqr_prs_supplemental.beneficiary • resource_hqr_prs_supplemental.bene_cross_reference • resource_hqr_prs_supplemental.entitlement_reason • resource_hqr_prs_supplemental.bene_migration • resource_hqr_prs_supplemental.bene_edb_mbi • resource_hqr_prs_supplemental.coverage The HQR ADO is working to correct this merge code and pull anything that was missed since Nov 2020.
qmars	There is an issue with QMARS data where the count of appeals in the CDR differs from the QMARS system. The QMARS ADO is working to investigate the issue and determine a resolution. Once the QMARS ADO corrects the data issue, the DAMOD team will pull the corrected data into the CDR.
qmars	Longer text fields in the QMARS data are currently being truncated in the source schema. This issue is universal for columns with a string data type that are greater than 32

	characters long. No target date for resolution has been provided by the QMARS ADO.

CDR Weekly Refresh Update

Please note below the data refreshes that occurred within the Centralized Data Repository (CDR) during the week of 10/17/2021 – 10/23/2021. For specific refresh dates of each source, please reference the CDR Data Catalog on Confluence. The following sources were refreshed:

CDR Hive Schema
nch_part_a
nch_part_b
beneficiary_data
provider_pmi_data
resource_hqr_prs
resource_hqr_prs_supplemental
quality_measures_hqr_data_form
quality_measures_hqr_char_abst
provider_hqr_nop
quality_measures_hqr_ecqm
resource_hqr_sec_admin
quality_measures_hqr_val
quality_measures_darrt_qii
healthcare_service_qmars_ng
csat_2
csat_5

The data refresh dates are published for awareness of data timeliness. If your organization requires data to be refreshed on a different timeline or cycle, please submit a Request Form and include details of your request including business justification, data source, requested refresh frequency, and requested refresh dates. Additional refresh details are included on the data catalog within the source description. The "Next Refresh" date marks the last possible day the data will be available in the CDR. If you have any questions, please contact us at HCQIS_Data@hcqis.org.

CCSQ Data Camp Session Materials

Thank you to everyone who attended our second annual CCSQ Data Camp last week. This year's theme was on "Growing CCSQ Enterprise Analytics - Learning to Walk Before We Run", as our session speakers provided guidance and perspective on how data analysts, scientists, and support staff can learn to excel in the foundations of data management and analytics before we move to more advanced capabilities in the future. The following sessions were conducted last week (the recordings will be available on Confluence by Wednesday morning):

- Data Camp Kick Off Session
- Welcome from CCSQ Leadership: CCSQ's Vision and the Role of Data

- CCSQ Data & Analytics SAS Viya Overview
- Overview of CMS Master Data Management (MDM)
- CCSQ Data & Analytics Zeppelin Overview
- CCSQ Leadership Q&A Panel
- QuickSight Overview: QuickSight BI Tool to Help the CCSQ Enterprise
- Bringing Data Together for CCSQ Analytic Use
- iQIES Data Overview
- Feedback Analysis Solution (FAS) – Enabling Enterprise AI and ML
- CCSQ Leadership Closing Thoughts

Important Dates and Links

Upcoming key dates:

- Communication Call – November 11 at 1:00pm ET
- CAP & CDR Scheduled Maintenance Event – November 19 at 8:00pm ET
- CAP & CDR Scheduled Maintenance Event – December 17 at 8:00pm ET

Please note these helpful quick links below, pointing you to some key spaces on our CCSQ Data & Analytics internet-facing space on Confluence:

- CCSQ Data & Analytics Home Page
- Zeppelin Onboarding
- Data Catalog
- Known Issues and Improvements
- CCSQ Data & Analytics SAS Viya Learning Paths
- Communications Calls Archive
- Knowledge Base

If you have any questions, please contact us at HCQIS_Data@hcqis.org.

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