

# Data Catalog for Centralized Data Repository (CDR)



If you have any questions regarding the Data Catalog information on this page or the HCQIS Data & Analytics Modernization effort overall, please send an email to [HCQIS\\_Data@hcqis.org](mailto:HCQIS_Data@hcqis.org).

All data listed below is currently in the CDR; however, a user will only see what is defined by their DUA.

The data refresh dates from legacy oracle sources are published for awareness of data timeliness. If your organization requires data to be refreshed on a different timeline or cycle, please create a ServiceNow request for the "ADO-CDR-Support" and include details of your request including business justification, data source, requested refresh frequency, and requested refresh dates.

The "Most Recent Refresh" refers to the date the data was extracted from the database. This data is typically available 24-48 hours after extraction. The "Next Refresh" date marks the last possible day the data will be available in the CDR.

*Please note that due to ongoing modernization efforts, this document is a work in progress. Additional information will be added regularly. Some dates may change due to changing requirements or security mandates.*

Below are the current schemas available on the CDR. All data will more closely reflect the source system. A road map for future schemas is available here: [Centralized Data Repository \(CDR\)](#).

## Claims Data

Schema	Description	CDR Hive Schema	CDR Table Layouts	Data Dictionaries and Supplemental Information	Most Recent Refresh	Refresh Frequency	Next Refresh	DUA Required
CSAT	The Healthcare Quality Analytics and Reporting (HCQAR) Complete Statistical Analysis Table (CSAT) is a monthly dataset that provides state and national level claims data variables derived from Medicare Part A / Part B / Part D claims data specifically for the national and state Quality Improvement Networks and Organizations (QIN-QIOs). ( <a href="#">SORN</a> )	csat_201908_baseline  csat_201909 [monthly]	CSAT_BaseLine_TableLayout.xlsx  CSAT_Monthly_TableLayout.xlsx	CSAT Data Elements v1.0 (with changes for 12th SOW from 11th SOW indicated).xlsx	9/30/2019	Pending	Pending	Yes
DDPS Part D	The source data for Part D claims is the Drug Data Processing System. This schema contains all prescription drug claims covered under Medicare Part D. ( <a href="#">SORN</a> )	ddps_part_d	Part_D_TableLayout.xlsx		6/8/2020	Monthly	7/12/2020	Yes
NCH Part A	The source data for Part A claims is the National Claims History (NCH) weekly extracts. Part A claims include the Inpatient (IP) and Skilled Nursing Facility (SNF), Home Health (HHA), Hospice, and Outpatient Extracts. ( <a href="#">SORN</a> )	nch_part_a	Part_A_TableLayout.xlsx	2020_02-Data Dictionary - IP_SNF_CLM_REC.txt  2020_02-Data Dictionary-OP_CLM_REC.txt  2020_02-Data Dictionary-HHA_CLM_REC.txt  2020_02-Data Dictionary-HOSPC_CLM_REC.txt	6/18/2020	Weekly	6/25/2020	Yes
NCH Part B	The source data for Part B claims is the NCH weekly extracts. Part B claims include the Professional and the Durable Medical Equipment (DME) extracts. ( <a href="#">SORN</a> )	nch_part_b	Part_B_TableLayout.xlsx	2020_02-Data Dictionary-DMERC_CLM_REC.txt  2020_02-Data Dictionary-CARR_CLM_REC.txt	6/18/2020	Weekly	6/25/2020	Yes

## Beneficiary and Provider Data

Schema	Description	CDR Hive Schema	CDR Table Layouts	Data Dictionaries and Supplemental Information	Most Recent Refresh	Refresh Frequency	Next Refresh	DUA Required
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Assessment	The Assessment schema contains data the following data sets: <ul style="list-style-type: none"> <li>HOSPC (SORN)</li> <li>IRF (SORN)</li> <li>LTCH (SORN)</li> <li>MDS (SORN)</li> <li>OASIS (as hha_asmt_fed) (SORN)</li> </ul>	legacy_assessment_data	Assessment_TableLayout.xlsx		6/18/2020	Monthly	7/22/2020	Yes
Beneficiary	The beneficiary schema is a subset of the EDB (enrollment database) that contains information on beneficiary identifiers, plan information for the for the beneficiary, and other information. (SORN)	legacy_beneficiary_data	BENEFICIARY_DATA_TableLayout.xlsx	EDB_data_dictionary.doc	6/18/2020	Monthly	7/22/2020	Yes
CRIS	The Case Review Information System (CRIS) was the predecessor to the QMARS system (see below). It was decommissioned October 31, 2018. All data in this system is archival.	legacy_cris	CRIS_TableLayout.xlsx	CRIS User Guide.pdf	1/13/2020	None	Never	Yes
HQR	These schema are copies of the former HQR Oracle databases and applications in SDOL, QNOL, and CLDW.	legacy_hqr_asc	HQR_ASC_TableLayout.xlsx		4/6/2020	None	Never	Yes
		legacy_hqr_cart (QNOL)	HQR_CART_TableLayout.xlsx		05/21/20	Quarterly	9/2/2020	Yes
		legacy_hqr_cart_final (CLDW)	HQR_CART_Final_TableLayout.xlsx		6/1/2020	Quarterly	9/2/2020	Yes
		legacy_hqr_ehqr	HQR_EHQR_TableLayout.xlsx		6/8/2020	Quarterly	9/16/2020	Yes
		legacy_hqr_sdol_extfilapp	HQR_SDOL_ext_fil_app_TableLayout.xlsx		5/20/2020	Quarterly	9/2/2020	Yes
		legacy_hqr_qnol_extfilapp	HQR_QNOL_ext_fil_app_TableLayout.xlsx		5/17/2020	Quarterly	9/2/2020	Yes
		legacy_hqr_hai	HQR_HAI_TableLayout.xlsx		5/21/2020	Quarterly	9/2/2020	Yes
		legacy_hqr_hcahps	HQR_HCAHPS_QNOL_TableLayout.xlsx		4/6/2020	Quarterly	7/8/2020	Yes
		legacy_hqr_hcahps_final	HQR_HCAHPS_CLDW_TableLayout.xlsx		4/6/2020	Quarterly	7/8/2020	Yes
		legacy_hqr_hvbp	HQR_HVBP_TableLayout.xlsx		5/3/2020	Quarterly	8/5/2020	Yes
		legacy_hqr_oat_app	HQR_oat_app_TableLayout.xlsx		4/20/2020	Quarterly	7/22/2020	Yes
		legacy_hqr_ipledge_app	QNOL_ipledge_app_TableLayout.xlsx		6/19/2020	Monthly	7/22/2020	Yes
		legacy_hqr_nop_app	HQR_nop_app_TableLayout.xlsx		5/7/2020	Quarterly	8/5/2020	Yes
		legacy_hqr_opledge_app	QNOL_opledge_app_TableLayout.xlsx		6/19/2020	Monthly	7/22/2020	Yes
		legacy_hqr_opps	HQR_OPPTS_TableLayout.xlsx		5/6/2020	Quarterly	8/5/2020	Yes
		legacy_hqr_opps_prs	HQR_opps_prs_TableLayout.xlsx		5/7/2020	Quarterly	8/5/2020	Yes
		legacy_hqr_pprs_app	HQR_pprs_app_TableLayout.xlsx		5/7/2020	Quarterly	8/5/2020	Yes
legacy_hqr_public_reporting	HQR_public_reporting_TableLayouts.xlsx		3/2/2020	None	Never	Yes		

		legacy_hqr_struct_mrsrs	HQR_struct_mrsrs_TableLayout.xlsx		05/22/20	Quarterly	9/2/2020	Yes
		legacy_hqr_validation_app	HQR_validation_app_TableLayout.xlsx		05/29/20	Quarterly	7/22/2020	Yes
		legacy_cldw_rpt_etl	HQR_rpt_etl_TableLayout.xlsx		4/3/2020	Quarterly	7/8/2020	Yes
		legacy_qnol_pch_app	HQR_pch_app_TableLayout.xlsx		4/3/2020	Quarterly	7/8/2020	Yes
	Miscellaneous data from the legacy CLDW and QNOL systems	legacy_cldw_prod_data_mgmt	Misc_prod_data_mgmt_TableLayout.xlsx		6/1/2020	Quarterly	9/2/2020	Yes
		legacy_qnol_user_admin	MISC_user_admin_TableLayout.xlsx		5/29/2020	Quarterly	9/2/2020	Yes
		legacy_sdol_ifmc_common	IFMC_COMMON_TableLayout.xlsx		3/6/2020	None	Never	Yes
PRS	The Program Resource System (PRS) was formerly stored in the SDDW and SDOL schemas. It is the repository of demographic information for hospital providers in the Centers for Medicare & Medicaid Services (CMS), Survey and Certification System (CASPER), and Quality Improvement and Evaluation System (IQIES).	legacy_hqr_prs	HQR_PRS_TableLayout.xlsx		6/18/2020	Monthly	7/22/2020	Yes
NPPEs	The National Plan and Provider Enumeration System contains provider NPIs, names, and location information.	nppes	NPPES_TableLayout.xlsx	NPPES dissemination information on CMS Website	5/4/2020	Quarterly	8/19/2020	No
Provider	The provider schema contains data formerly found in the CASPER and QIES systems.	legacy_provider_data	PROVIDER_data_TableLayout.xlsx		6/1/2020	Monthly	7/8/2020	Yes
QMARS	Quality Management and Review Systems (QMARS) is a system for case management and review.	qmars	QMARS_TableLayout.xlsx		6/3/2020	Monthly	7/10/2020	Yes
SDDW	Contains Medicare Beneficiary and Provider enrollment data. (FAQ)	legacy_sddw_np_sdps	SDDW_TableLayout.xlsx	SDDW_Data_map.xlsx  For information about beneficiary tables in SDDW: EDB_data_dictionary.doc	6/18/2020	Monthly	7/22/2020	Yes
SDOL	Contains the beneficiary coverage data previously in the Oracle SDOL database.	legacy_sdol_np_sdps	SDOL NP SDPS_TableLayout.xlsx		6/18/2020	Monthly	7/22/2020	Yes

## Health Plan Data

Schema	Description	CDR Hive Schema	CDR Table Layouts	Data Dictionaries and Supplemental Information	Most Recent Refresh	Refresh Frequency	Next Refresh	DUA Required
HPMS	Contains HMO/PDP contract and service area data from the CMS Health Plan Management System.	health_plan	HPMS_TableLayout.xlsx	HPMS_Data_Dictionary.xlsx	6/1/2020	Monthly	7/6/2020	Yes

## Public Data

Schema	Description	CDR Hive Schema	CDR Table Layouts	Data Dictionaries and Supplemental Information	Most Recent Refresh	Refresh Frequency	Next Refresh	DUA Required
ADI	The Area Deprivation Index (ADI) contains the GIS information for US neighborhoods.	public_data	ADI_TableLayout.xlsx	Neighborhood Atlas Web Page	4/10/2020	Annually	5/13/2021	No
FDA	The FDA data contains packaging and product information for FDA approved drugs.	public_data	FDA_TableLayout.xlsx		6/1/2020	Monthly	7/8/2020	No

Nursing Home Compare	This is the official data for the Nursing Home Compare website.	compare_nursing_home	<a href="#">NHC_TableLayout.xlsx</a>	<a href="#">Nursing Home Compare Overview</a> <a href="#">Data Set Page</a>	6/1/2020	Monthly	7/8/2020	No
ZIP	This table contains the ZIP Codes and other information for cities and towns in the US.	public_data	<a href="#">ZipCodes_TableLayout.xlsx</a>		6/1/2020	Monthly	7/8/2020	No

## Planned Data Sources

Source Name	Description	Future CDR Hive Schema	CDR Legacy Data Sources	Data Dictionary and Supplemental Information	Targeted Date of Availability within CDR
Beneficiary Information On the Cloud (BIC)	This source contains beneficiary demographics, entitlement, enrollment, premium, health status and other coverage information from the CMS Enrollment Database (EDB) and Medicare Beneficiary Database (MBD). This data will be the source of beneficiary data going forward within the CDR and will be used to support applications such as PRS.	beneficiary_data	<ul style="list-style-type: none"> <li>legacy_beneficiary_data.beneficiary_dimension</li> <li>legacy_sddw_np_sdps.beneficiary</li> <li>legacy_sddw_np_sdps.bene_cross_reference</li> <li>legacy_sddw_np_sdps.bene_edb_mbi</li> <li>legacy_sddw_np_sdps.partd_coverage</li> <li>legacy_sddw_np_sdps.cvrage_entitl_reason_code</li> <li>legacy_sddw_np_sdps.entitlement_reason</li> </ul> <p>*These tables are listed as reference and may not include all legacy tables that will be impacted. Please review the data dictionary for a complete list of planned tables for comparison to legacy sources.</p>	<a href="#">bic-data-lake-data-dictionary.pdf</a>	7/31/2020
CMS Master Data Management (MDM) Provider Master Index/ Shared Provider Profile (PMI/SPP)	The PMI/SPP contains an integrated view of identity resolved provider data across multiple CMS provider data systems. It includes data from PECOS, NPPES, NPICS, QIES, and T-MSIS. It provides both "current" and "historical" provider data from multiple CMS source systems of record. This data will be the source of provider data (including PECOS) within the CDR. The CDR will still provide data concurrently from QIES (iQIES in future) and NPPES.	provider_data	<ul style="list-style-type: none"> <li>legacy_sddw_np_sdps.physician</li> <li>legacy_sddw_np_sdps.address</li> <li>legacy_sddw_np_sdps.physician_address_phone</li> <li>legacy_sddw_np_sdps.physician_license</li> <li>legacy_sddw_np_sdps.physician_specialty</li> <li>legacy_sddw_np_sdps.physician_group</li> </ul> <p>*These tables are listed as reference and may not include all legacy tables that will be impacted. Please review the data dictionary for a complete list of planned tables for comparison to legacy sources.</p>	<a href="#">MDM PMI SPP Physical Data Dictionary.pdf</a>  <a href="#">MDM 3rd Qtrly Training.pptx</a>	8/15/2020

## Important Notes

- The CDR follows NCH logic, as such Part A claims are split into multiple records when the number of revenue center line items is greater than 45. In HAJI these were merged into a single claim
- The CDR includes claim types 61, 62, 63, 64, 80, and 81 which HAJI did not include
- The CDR includes claim adjustments older than five years, which HAJI did not include