MHS GENESIS CPT Charges Table
for the
MHS Mart (M2)
(Version 1.00.00)

Future Specification

Revision History

Version	Date	Originator	Para/Tbl/Fig	Description of Change
1.00.00	05/06/2024	C. Kangas, D. Juckett	Initial Document	Initial Document

CPT Charges for M2

 I. <u>File format:</u> Regardless of the length specified, all fields are variable length and delimited by "|". A null field will have a blank before an end of field delimiter "|", immediately following the previous field's end of field delimiter.

 II. <u>Record Selection</u>: FY17 and forward will be sent to M2. Batches are by fiscal year. Original batches include all MDR MHS GENESIS M2 CPT Charges records.

    The MDR MHS GENESIS M2 CPT Charges file will be a full refresh each time the data is updated.

 III. <u>Refresh Batches</u>: Batches are by fiscal year.

    Frequency of updates:

- Current FY: Daily
- Last FY: Daily for one quarter, then monthly.
- All prior FYs: Semiannually (October, April)

  Any year refreshed in the MDR should automatically trigger a refresh of the same year's table in the MHS Mart (M2)

Table 1. File Layout and Transformation Rules for the File

M2 Element Name	Type	Measure	SAS Name	Transformation Rules
Activity Type	CHAR(48)		ACTIVITY_TYPE	No Transformation.
Anesthesia Indicator	Char(1)		ANES_IND	IF ANES_IND = 1 then 'Y' else 'N'
Arrive Date/Time	CHAR(19)		ARRIVE_DT_TM	Convert format to e8601dt.
DEERS Beneficiary Category	CHAR(2)		BENCAT	No Transformation.
Billing Entity	CHAR(50)		BILLING_ENTITY_NAME	No Transformation.
Bill Item Primary Key	CHAR(100)		BILL_ITEM_SK	No Transformation.
Charge Description	CHAR(255)		CHARGE_DESC	No Transformation.
Charge Event ID	CHAR(15)		CHARGE_EVENT_ID	Convert to character format.
Calendar Month	CHAR(2)		CM	No Transformation.
Calendar Month - Charge	CHAR(2)		CM_CHARGE	No Transformation.
Procedure Code Linked Modifier 1 - 4	CHAR(2)		CPTMODJ, J=1-4	No Transformation.
Procedure Code Units of Service, Raw	N(8)	X	CPTUNITS	No Transformation.
Procedure Code Units of Service	N(8)	X	CPTUOS	No Transformation.
Calendar Year	CHAR(4)		CY	No Transformation.
Calendar Year - Charge	CHAR(4)		CY_CHARGE	No Transformation.
Discharge Date/Time	CHAR(19)		DISCHARGE_DT_TM	Convert format to e8601dt.
Discounted RVU Flag	CHAR(1)		DISCOUNTED	No Transformation.
DEERS Patient Identifier (EDIPN)	CHAR(10)		EDIPN	No Transformation.
Eligibility Group	CHAR(1)		ELG_GRP	No Transformation.
Evaluation & Management Flag	CHAR(1)		EM_FLAG	If EM_FLAG = 1 then 'Y' else 'N'
Encounter Class	CHAR(33)		ENCOUNTER_CLASS	No Transformation.
Encounter Location (Composite Description)	CHAR(45)		ENCOUNTER_LOC_COMPOSITE	No Transformation.
Encounter Key (Primary)	CHAR(100)		ENCOUNTER_NK	No Transformation.
Encounter Key (Secondary)	CHAR(100)		ENCOUNTER_SK	No Transformation.
Encounter Status	CHAR(25)		ENCOUNTER_STATUS	No Transformation.
Encounter Type	CHAR(26)		ENCOUNTER_TYPE	No Transformation.
Enrollment Group	CHAR(1)		ENR_GRP	No Transformation.
ERSA Flag	CHAR(1)		ERSA	If ERSA = 1 then 'Y' else 'N'
Facility/Non-Facility Flag	CHAR(1)		FAC_FLAG	No Transformation.
Financial Information Number (FIN)	CHAR(40)		FIN	No Transformation.
Fin Charges File Primary Key	CHAR(40)		FIN_CHARGES_SK	No Transformation.
Financial Classification (Payment Source)	CHAR(100)		FINANCIAL_CLASS	No Transformation.
Fiscal Month	CHAR(2)		FM	No Transformation.
Fiscal Month - Charge	CHAR(2)		FM_CHARGE	No Transformation.

M2 Element Name	Type	Measure	SAS Name	Transformation Rules
Facility Practice Expense RVU	N(8)	X	FPRVU	No Transformation.
Fiscal Year	CHAR(4)		FY	No Transformation.
Fiscal Year - Charge	CHAR(4)		FY_CHARGE	No Transformation.
Health Care Delivery Program Code (LVM)	CHAR(3)		HCDP	No Transformation.
Health Plan	N(8)		HEALTH_PLAN	No Transformation.
Health Plan ID	N(8)		HEALTH_PLAN_ID	No Transformation.
Inpatient Admit Date/Time	CHAR(19)		INPATIENT_ADMIT_DT_TM	Convert format to e8601dt.
Countable Flag	CHAR(1)		IS COUNTABLE	If IS COUNTABLE = 1 then 'Y' else 'N'
Medical Service (Encounters)	CHAR(43)		MEDICAL_SVC	No Transformation.
Medical Service (Charges)	CHAR(43)		MEDICAL_SVC_FC	No Transformation.
Treatment MEPRS Code	CHAR(4)		MEPRS_CD	No Transformation.
Military Treatment Facility (MTF)	CHAR(4)		MTF	No Transformation.
Enhanced Practice Expense RVU (Non-Provider Affected)	N(8)	X	NPERVU	No Transformation.
Raw, Non-Facility Practice Expense RVU	N(8)	X	NPRVU	No Transformation.
Enhanced Work RVU (Non-Provider Affected)	N(8)	X	NWRVU	No Transformation.
Enhanced Total RVU	N(8)	X	NTRVU	No Transformation.
Orders File Primary Key	CHAR(10)		ORDER_SK	No Transformation.
Patient Category	CHAR(5)		PATCAT	No Transformation.
Performing Physician ID	CHAR(10)		PERF_PHYS_ID	No Transformation.
Place of Service Organization	CHAR(150)		PLACE_OF_SVC_ORG	No Transformation.
Price	N(8)	x	PRICE	No Transformation.
Procedure Code (CHARGES/PROCEDURE)	CHAR(5)		PROC	No Transformation.
Provider EDIPN For Attending Physician	CHAR(10)		PROV_EDIPN_ATT	No Transformation.
Provider EDIPN For Ordering Physician	CHAR(10)		PROV_EDIPN_ORD	No Transformation.
Provider EDIPN For Verified Physician	CHAR(10)		PROV_EDIPN_VER	No Transformation.
Primary HIPAA Taxonomy For Attending Physician	CHAR(10)		PROV_HIPAA_ATT	No Transformation.
Primary HIPAA Taxonomy For Ordering Physician	CHAR(10)		PROV_HIPAA_ORD	No Transformation.
Primary HIPAA Taxonomy For Verified Physician	CHAR(10)		PROV_HIPAA_VER	No Transformation.
Provider Name For Attending Physician	CHAR(100)		PROV_NAME_ATT	No Transformation.
Provider Name For Ordering Physician	CHAR(100)		PROV_NAME_ORD	No Transformation.
Provider Name For Verified Physician	CHAR(100)		PROV_NAME_VER	No Transformation.

M2 Element Name	Type	Measure	SAS Name	Transformation Rules
Provider NPI For Attending Physician	CHAR(10)		PROV_NPI_ATT	No Transformation.
Provider NPI For Ordering Physician	CHAR(10)		PROV_NPI_ORD	No Transformation.
Provider NPI For Verified Physician	CHAR(10)		PROV_NPI_VER	No Transformation.
Provider ID For Attending Physician (MHS GENESIS)	CHAR(100)		PROVID_ATT	No Transformation.
Provider ID For Ordering Physician (MHS GENESIS)	CHAR(100)		PROVID_ORD	No Transformation.
Provider ID For Verified Physician (MHS GENESIS)	CHAR(100)		PROVID_VER	No Transformation.
Payment Status Indicator	CHAR(2)		PSI	No Transformation.
Registration Date and Time	CHAR(19)		REG_DT_TM	Convert format to e8601dt.
RVU, Raw Work	N(8)	X	RRVU	No Transformation.
Service Date ID	CHAR(8)		SERVICE_DATE_ID	Convert to Char(8).
Service Date & Time	CHAR(19)		SERVICE_DT_TM	Convert format to e8601dt.
Provider HIPAA Taxonomy-Based Skill Type for Attending Physician (DMHRSi)	CHAR(1)		SKILLH_ATT	No Transformation.
Provider HIPAA Taxonomy-Based Skill Type for Ordering Physician (DMHRSi)	CHAR(1)		SKILLH_ORD	No Transformation.
Provider HIPAA Taxonomy-Based Skill Type for Verified Physician (DMHRSi)	CHAR(1)		SKILLH_VER	No Transformation.
RVU, Raw Total	N(8)	X	TRVU	No Transformation.
Anesthesia Units of Service	N(8)	X	UOS_ANES	No Transformation.
Update Date and Time	CHAR(19)		UPDT_DT_TM	Convert format to e8601dt.

IV. <u>M2-Inferred Fields</u>: The CPT Charges table as viewed in the M2 includes multiple fields that are not in the feed. These fields result from "joins" to other tables, sometimes with additional math, and are consequently not in the feed. M2-inferred fields are in Table 2.

Table 2. M2 Inferred Fields

M2 Element Name	Type	Measure Indicator[1]	Transformation Rules
Catchment Area Base Market Code	Char(10)		Joined to the DMIS ID Table by FY and Catchment Area ID.

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[1]Measures are implemented in the M2 in a way that mathematical operations can be performed upon them, including "growing to completion" for missing records.

M2 Element Name	Type	Measure Indicator[1]	Transformation Rules
Catchment Area Command	Char(9)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Expanded Market Code	Char(10)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area ID	Char(4)		Joined to the Market Area Table by FY and Beneficiary Zip Code.
Catchment Area ID of Record	Char(4)		Joined to the Market Area Table by FY and Beneficiary Zip Code.
Catchment Area Market Name	Char(40)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Military Service	Char(1)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area MSMA	Char(3)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Name	Char(40)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Readiness Command	Char(8)		See DMIS ID specification for rule.
Catchment Area Readiness Service	Char(1)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Reporting Market Code	Char(10)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Reporting Market Name	Char(40)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Type of Market Code	Char(10)		Joined to the DMIS ID Table by FY and Catchment Area ID.
Catchment Area Type of Market Name	Char(20)		Joined to the DMIS ID Table by FY and Catchment Area ID.
CPT Charge Count	N(8,0)	X	Count of records.
Enrollment Site Base Market Code	Char(10)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Command	Char(9)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site DHP Code	Char(1)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Expanded Market Code	Char(10)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Financial Parent	Char(4)		See DMIS ID specification for rule.
Enrollment Site Financial Parent Name	Char(40)		See DMIS ID specification for rule.
Enrollment Site Market Name	Char(40)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Military Service	Char(1)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site MSMA	Char(3)		Joined to the DMIS ID Table by FY and Enrollment Site. Populated for FY04+.
Enrollment Site Name	Char(40)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Parent Name	Char(40)		Joined to the DMIS ID Table by FY and Enrollment Site Parent.
Enrollment Site Readiness Command	Char(8)		See DMIS ID specification for rule.

M2 Element Name	Type	Measure Indicator[1]	Transformation Rules
Enrollment Site Readiness Parent	Char(4)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Readiness Service	Char(1)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Reporting Market Code	Char(10)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Reporting Market Name	Char(40)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Type of Market Code	Char(10)		Joined to the DMIS ID Table by FY and Enrollment Site.
Enrollment Site Type of Market Name	Char(20)		Joined to the DMIS ID Table by FY and Enrollment Site.
Market Area ID	Char(3)		Joined to the Market Area Table by FY and Beneficiary Zip Code.
Market Transition Date			Joined to DMIS ID Table by FY and Tmt DMIS ID.
MEPRS3	Char(3)		Substr(MEPRS_CD,1,3)
MEPRS3 Code Description	Char(54)		Joined to MEPRS 3 Code Reference table by FY and MEPRS3 Code.
MEPRS4 Code Description	Char(50)		Joined to MEPRS 4 Code Reference table by FY, Tmt DMIS ID and MEPRS4 Code.
MTF Service Area	Char(4)		Joined to the Market Area Table by FY and Beneficiary Zip Code.
MTF Service Area Name	Char(40)		Joined to the DMIS ID Table by FY and MTF Service Area.
PRISM Area Base Market Code	Char(10)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Command	Char(9)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Expanded Market Code	Char(10)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area ID	Char(4)		Joined to the Market Area Table by FY and Beneficiary Zip Code.
PRISM Area Market Name	Char(40)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Military Service	Char(1)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area MSMA	Char(3)		Joined to the DMIS ID Table by FY and PRISM Area ID. Populated for FY04+.
PRISM Area Name	Char(40)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Readiness Command	Char(8)		See DMIS ID specification for rule.
PRISM Area Readiness Service	Char(1)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Reporting Market Code	Char(10)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Reporting Market Name	Char(40)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Type of Market Code	Char(10)		Joined to the DMIS ID Table by FY and PRISM Area ID.
PRISM Area Type of Market Name	Char(20)		Joined to the DMIS ID Table by FY and PRISM Area ID.

M2 Element Name	Type	Measure Indicator[1]	Transformation Rules
Provider Addl 1, Specialty HIPAA Desc	Char(50)		Lookup Provider Addl 1, Specialty HIPAA with the Health Care Provider Taxonomy Reference Table and return the Description, Short.
Provider Addl 2, Specialty HIPAA Desc	Char(50)		Lookup Provider Addl 2, Specialty HIPAA with the Health Care Provider Taxonomy Reference Table and return the Description, Short.
Provider Addl 3, Specialty HIPAA Desc	Char(50)		Lookup Provider Addl 3, Specialty HIPAA with the Health Care Provider Taxonomy Reference Table and return the Description, Short.
Provider Addl 4, Specialty HIPAA Desc	Char(50)		Lookup Provider Addl 4, Specialty HIPAA with the Health Care Provider Taxonomy Reference Table and return the Description, Short.
Provider Appt, Specialty HIPAA Desc	Char(50)		Lookup Provider Appt, Specialty HIPAA with the Health Care Provider Taxonomy Reference Table and return the Description, Short.
Tmt DMIS ID Base Market Code	Char(10)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Command	Char(9)		Joined to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID DHP Code	Char(1)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Expanded Market Code	Char(10)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Financial Parent	Char(4)		See DMIS ID specification for rule.
Tmt DMIS ID Financial Parent Name	Char(40)		See DMIS ID specification for rule.
Tmt DMIS ID Market Name	Char(40)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Name	Char(40)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Readiness Command	Char(8)		See DMIS ID specification for rule.
Tmt DMIS ID Readiness Parent	Char(4)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Readiness Service	Char(1)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Reporting Market Code	Char(10)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Reporting Market Name	Char(40)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Type of Market Code	Char(10)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt DMIS ID Type of Market Name	Char(20)		Joined to the DMIS ID Table by FY and Tmt DMIS ID.
Tmt Parent DMIS ID Name	Char(40)		Joined to the DMIS ID Table by FY and Tmt DMIS ID Parent.

V.   <u>M2 Location</u>:

Health Care Services / Direct Care / CPT Charge / CPT Charge Detail