

**14 February 2025**

**MHS GENESIS CPT Charges Table  
for the  
MHS Mart (M2)  
(Version 1.01.03)**

**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
1.01.00	10/17/2024	D. Juckett	Multiple table modifications	Modify document to divide the workload into MDR, M2 ETL, and BCS
1.01.01	11/7/2024	D. Juckett	Table 1	<ul style="list-style-type: none"> <li>• Added Clinic Group field</li> </ul>
1.01.02	01/13/2025	D. Juckett	Table 1	Update length of DEERS Beneficiary Category to CHAR(3)
1.01.02	01/13/2025	D. Juckett	Table 1 Table 2 Table 3 Table 4	Various changes  Structure Changes
1.01.03	1/31/2025	D. Juckett	Table 2 Table 3 Table 4	<ul style="list-style-type: none"> <li>• Pseudo Person ID</li> <li>• Delete: <ul style="list-style-type: none"> <li>○ Encounter Key (Primary)</li> <li>○ Price</li> </ul> </li> <li>• Rename: <ul style="list-style-type: none"> <li>○ Beneficiary Category</li> <li>○ Procedure Modifier 1-4</li> <li>○ Person ID</li> <li>○ E&amp;M Flag</li> <li>○ Record ID</li> <li>○ FIN Charges File Primary Key</li> <li>○ Financial Class</li> <li>○ Raw, Facility PE RVU</li> <li>○ HCDP</li> <li>○ Tmt DMIS ID</li> <li>○ Enhanced Non-Facility PE RVU</li> <li>○ Raw, Non-Facility PE RVU</li> <li>○ Raw, Total RVU</li> </ul> </li> </ul>

## CPT Charges for M2

- I. File format: 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. Record Selection: 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. Refresh Batches: 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. MDR Table Extract**

M2 Element Name	Type	Measure Indicator <sup>1</sup>	Field Name	Transformation Rules
Activity Type	CHAR(48)		ACTIVITY_TYPE	No Transformation.
Anesthesia Indicator	N(8)		ANES_IND	No Transformation.
Arrive Date/Time	N(8)		ARRIVE_DT_TM	No Transformation.
DEERS Beneficiary Category	CHAR(3)		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	N(8)		CHARGE_EVENT_ID	No Transformation.
CM 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	N(8)		DISCHARGE_DT_TM	No Transformation.
Discounted RVU Flag	CHAR(1)		DISCOUNTED	No Transformation.

<sup>1</sup> Measures are implemented in the M2 in a way that mathematical operations can be performed upon them, including "growing to completion" for missing records

<b>M2 Element Name</b>	<b>Type</b>	<b>Measure Indicator<sup>1</sup></b>	<b>Field Name</b>	<b>Transformation Rules</b>
DEERS Patient Identifier (EDIPN)	CHAR(10)		EDIPN	No Transformation.
Eligibility Group	CHAR(1)		ELG_GRP	No Transformation.
Evaluation & Management Flag	N(8)		EM_FLAG	No Transformation.
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	N(8)		ERSA	No Transformation.
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(100)		FIN_CHARGES_SK	No Transformation.
Financial Classification (Payment Source)	CHAR(40)		FINANCIAL_CLASS	No Transformation.
Fiscal Month	CHAR(2)		FM	No Transformation.
Fiscal Month - Charge	CHAR(2)		FM_CHARGE	No Transformation.
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	CHAR(60)		HEALTH_PLAN	No Transformation.
Health Plan ID	N(8)		HEALTH_PLAN_ID	No Transformation.
Inpatient Admit Date/Time	N(8)		INPATIENT_ADMIT_DT_TM	No Transformation.
Countable Flag	CHAR(1)		IS_COUNTABLE	No Transformation.
Medical Service (Encounters)	CHAR(43)		MEDICAL_SVC	No Transformation.
Medical Service (Charges)	CHAR(43)		MEDICAL_SVC_FC	No Transformation.
MEPRS4 Code	CHAR(4)		MEPRS_CD	No Transformation.
Tmt DMIS ID	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(100)		ORDER_SK	No Transformation.
Patient Category	CHAR(5)		PATCAT	No Transformation.
Performing Physician ID	N(8)		PERF_PHYS_ID	No Transformation.
Place of Service Organization	CHAR(150)		PLACE_OF_SVC_ORG	No Transformation.
Price	N(8)	x	PRICE	No Transformation.

<b>M2 Element Name</b>	<b>Type</b>	<b>Measure Indicator<sup>1</sup></b>	<b>Field Name</b>	<b>Transformation Rules</b>
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.
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	N(8)		REG_DT_TM	No Transformation.
RVU, Raw Work	N(8)	X	RRVU	No Transformation.
Service Date ID	N(8)		SERVICE_DATE_ID	No Transformation.
Service Date & Time	N(8)		SERVICE_DT_TM	No Transformation.
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.

M2 Element Name	Type	Measure Indicator <sup>1</sup>	Field Name	Transformation Rules
RVU, Raw Total	N(8)	X	TRVU	No Transformation.
Anesthesia Units of Service	N(8)	X	UOS_ANES	No Transformation.
Update Date and Time	N(8)		UPDT_DT_TM	No Transformation.
Clinic Group	CHAR(17)		DOD_CLINIC_GROUP	No Transformation.

- IV. M2 Extract, Transform, and Load (ETL) Fields: 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 M2-ETL fields are in Table 2.

**Table 2. M2 ETL Fields**

M2 Element Name	Type	Measure Indicator <sup>2</sup>	Transformation Rules
Pseudo Person ID	CHAR(14)		Encryption algorithm applied to Person ID. This must be the same algorithm that is used for all “Pseudo” objects in M2.

- V. M2-Derived Fields: 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-Derived fields are in Table 2.

**Table 3. BCS M2 Table Layout and Transformation Rules**

M2 Element Name	Type	Measure Indicator <sup>2</sup>	Field 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(3)		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.
CM	CHAR(2)		CM	No Transformation.
CM - Charge	CHAR(2)		CM_CHARGE	No Transformation.
Procedure Code-Linked Modifier 1 - 4	CHAR(2)		CPTMODJ, J=1-4	No Transformation.
Raw, Procedure Code Units of Service	N(8)	X	CPTUNITS	No Transformation.
Procedure Code Units of Service	N(8)	X	CPTUOS	No Transformation.
CY	CHAR(4)		CY	No Transformation.
CY - Charge	CHAR(4)		CY_CHARGE	No Transformation.

<sup>2</sup> 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 <sup>2</sup>	Field Name	Transformation Rules
Discharge Date/Time	CHAR(19)		DISCHARGE_DT_TM	Convert format to e8601dt.
Discounted RVU Flag	CHAR(1)		DISCOUNTED	No Transformation.
Person ID DEERS Patient Identifier (EDIPN)	CHAR(10)		EDIPN	No Transformation. Visible in restricted universe only.
Eligibility Group	CHAR(1)		ELG_GRP	No Transformation.
E&M 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) Record ID	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 ERS_A = 1 then 'Y' else 'N'
Facility/Non-Facility Flag	CHAR(1)		FAC_FLAG	No Transformation.
FIN	CHAR(40)		FIN	No Transformation.
FIN Charges File Primary Key Fin Charges File Primary Key	CHAR(100)		FIN_CHARGES_SK	No Transformation.
Financial Class Financial Classification (Payment Source)	CHAR(40)		FINANCIAL_CLASS	No Transformation.
FM	CHAR(2)		FM	No Transformation.
FM - Charge	CHAR(2)		FM_CHARGE	No Transformation.
Raw, Facility PE RVU Raw, Facility Practice Expense RVU	N(8)	X	FPRVU	No Transformation.
FY	CHAR(4)		FY	No Transformation.
FY - Charge	CHAR(4)		FY_CHARGE	No Transformation.
HCDP Health Care Delivery Program Code (LVM)	CHAR(3)		HCDP	No Transformation.
Health Plan	CHAR(60)		HEALTH_PLAN	No Transformation.
Health Plan ID	N(20)		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.
MEPRS4 Code	CHAR(4)		MEPRS_CD	No Transformation.
Tmt DMIS ID	CHAR(4)		MTF	No Transformation.

M2 Element Name	Type	Measure Indicator <sup>2</sup>	Field Name	Transformation Rules
Enhanced Non-Facility PE RVU Enhanced PE RVU	N(8)	X	NPERVU	No Transformation.
Raw, Non-Facility PE RVU Raw, Non-Facility Practice Expense RVU	N(8)	X	NPRVU	No Transformation.
Enhanced Work RVU	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)	*	PRICE	No Transformation.
Procedure Code	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.
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.



M2 Element Name	Type	Measure Indicator <sup>2</sup>	Field Name	Transformation Rules
Registration Date and Time	CHAR(19)		REG_DT_TM	Convert format to e8601dt.
Raw, Work RVU <del>RVU, Raw Work</del>	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.
Raw, Total RVU <del>RVU, Raw Total</del>	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.
Clinic Group	CHAR(17)		DOD_CLINIC_GROUP	No Transformation.

**Table 4. BCS M2 Derived Fields**

M2 Element Name	Type	Measure Indicator <sup>3</sup>	Transformation Rules
CPT Charge Count	N(8,0)	X	Count of records.
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 MTF and MEPRS4 Code.
Primary HIPAA Taxonomy Description for Attending Physician	CHAR (50)		Lookup Attending Physician, Specialty HIPAA Description from the Health Care Provider Taxonomy Reference Table and return the Description, Short.
Primary HIPAA Taxonomy Description for Ordering Physician	CHAR (50)		Lookup Ordering Physician, Specialty HIPAA Description from the Health Care Provider Taxonomy Reference Table and return the Description, Short.
Primary HIPAA Taxonomy Description for Verified Physician	CHAR(50)		Lookup Verified Physician, Specialty HIPAA Description from the Health Care Provider Taxonomy Reference Table and return the Description, Short.
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.

<sup>3</sup>Measures are implemented in the M2 in a way that mathematical operations can be performed upon them, including "growing to completion" for missing records.

<b>M2 Element Name</b>	<b>Type</b>	<b>Measure Indicator<sup>3</sup></b>	<b>Transformation Rules</b>
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 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 Parent DMIS ID	CHAR(4)		See DMIS ID specification for rule.
Tmt Parent DMIS ID Name	CHAR(40)		Joined to the DMIS ID Table by FY and Tmt DMIS ID Parent.

VI. M2 Location:

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

VII. Special Outputs:

This file serves as the input to the CPT Charges table. In accordance with Technical Data Standards, the data should be made available to users with the same file names, field names and formats as the source data, with underscores replacing spaces in the names, if desired. The MIP core SIDR/Inpatient Admissions table should be updated at the same cadency of the M2 file and row counts should be validated against the MDR Export transmittals.