

15 January 2025

**Medical Expense and Performance Reporting
System (MEPRS)
for the
MHS Mart (M2)
(Version 1.08.00)**

Future Specification

Revision History

Version	Date	Originator	Para/Tbl/Fig	Description of Change
1.01.00	9/28/2009	K. Hutchinson	<ul style="list-style-type: none"> Section V, items 39 and 41 in table layout 	<ul style="list-style-type: none"> Modified the "Rad" fields to include both DCA and DIA.
1.02.00	12/09/2011	C. McCrocklin	<ul style="list-style-type: none"> V. Record Layout and Content 	<ul style="list-style-type: none"> Added the variable Dental Weighted Procedures to the table.
1.02.01	06/13/2013	C. McCrocklin	<ul style="list-style-type: none"> V. Record Layout and Content 	<ul style="list-style-type: none"> Added to the business rule and variation to say only populated for FY11 forward for the variable Dental Weighted Procedures.
1.02.02	10/07/2013	C. McCrocklin	<ul style="list-style-type: none"> V. Record Layout and Content 	<ul style="list-style-type: none"> Added the text to the CHCS Bed Days transformation field "Not populated FY14 and forward."
1.03.02	11/07/2016	C. McCrocklin	<ul style="list-style-type: none"> V. Record Layout and Content 	<ul style="list-style-type: none"> Added the variable Contributed Exp.
1.04.00	09/08/2017	K. Hutchinson	<ul style="list-style-type: none"> Table 1 VI. M2 Inferred Fields 	<ul style="list-style-type: none"> Added new fields related to NDAA 2017, region transition. Deleted old region fields.
1.05.01	01/06/2020	C. McCrocklin	<ul style="list-style-type: none"> Table 1 Table 2 	<ul style="list-style-type: none"> Removed the variables (fields with strike-out). Created Table 2 (changed the format from verbiage to a new table format similar to other MDR specs.
1.06.00	06/30/2020	K. Hutchinson	<ul style="list-style-type: none"> Table 1 and 2 	<ul style="list-style-type: none"> Added fields.
1.06.01	01/07/2022	C. McCrocklin	<ul style="list-style-type: none"> Whole Document 	<ul style="list-style-type: none"> Updated document to 508 compliance.
1.07.01	06/02/2022	C. McCrocklin	<ul style="list-style-type: none"> Table 1 	<ul style="list-style-type: none"> Renamed Inpatient Visits to Inpatient Encounters. Renamed Outpatient Visits to Outpatient Encounters. Renamed Total Visits to Total Encounters.
1.08.00	1/14/2025	C. McCrocklin	<ul style="list-style-type: none"> Table 2 Table 1 Section VII 	<ul style="list-style-type: none"> Remove MSMA fields Remove Market fields Add Network fields Add T5 region fields to feed from MDR Hide T3 region fields (will remain in the feed until feed can be adjusted) Added language for Special Outputs

M2 MEPRS Table

- I. File format: Regardless of the length specified, all fields are variable length and delimited by "!". A null field will simply have an end of field delimiter "!" immediately following the previous field's end of field delimiter.
- II. Record Selection: The historical data in M2 was prepared from the data in the MEPRS Executive Query System from Oct 98 through Sept 00. This specification describes EAS-IV feeds from October 00 forward. Each year's data are refreshed whenever any part of that year's data changes in the MDR.
- III. Refresh Batches: Whenever a fiscal year update batch is provided, all records with matching fiscal year are removed from the M2 database first, and then the new records (in the update batch) are appended to the existing file.
- IV. MDR Feed to M2: The data feed from the MDR to the M2 is described in the table below.

Table 1. Record Layout and Content

M2 Element Name	Type	MDR Data Element Name	Business Rules/Derivation
Tmt DMIS ID	\$4	repdmis	No transformation.
Parent DMIS ID of Record	\$4	dmisid	No transformation.
FY	\$4	fy	No transformation.
FM	\$2	fm	No transformation.
MEPRS4 Code	\$4	mepr4	No transformation.
Direct Exp	12.2	direct	No transformation.
Ancillary Exp	12.2	ancil	No transformation.
Support Exp	12.2	support	No transformation.
Purified Exp	12.2	pool	No transformation.
Total Exp	12.2	mtfexp	No transformation.
Dispositions	Int (8)	disp	No transformation.
Bed Days	Int(8)	obd	No transformation.
Outpatient Encounters	Int(8)	opv	No transformation.
Inpatient Encounters	Int(8)	ipv	No transformation.
Pharmacy Weighted Procedures	Int(8)	sum of da*_wp	No transformation.
MEPRS1 Code	\$1	wkc_type	No transformation.
CM	\$2	cm	No transformation.
CY	\$4	cy	No transformation.
Assigned Total FTEs	10.2	assigfte	No transformation.
Available Total FTEs	10.2	availfte	No transformation.
Assigned Admin FTEs	10.2	adm_assi	No transformation.
Available Admin FTEs	10.2	adm_avai	No transformation.
Assigned Clinician FTEs	10.2	cln_assi	No transformation.
Available Clinician FTEs	10.2	cln_avai	No transformation.
Assigned Prof FTEs	10.2	pro_assi	No transformation.

M2 Element Name	Type	MDR Data Element Name	Business Rules/Derivation
Available Prof FTEs	10.2	pro_avai	No transformation.
Assigned Para-Prof FTEs	10.2	para_assi	No transformation.
Available Para-Prof FTEs	10.2	para_avai	No transformation.
Assigned RN FTEs	10.2	rn_assi	No transformation.
Available RN FTEs	10.2	rn_avai	No transformation.
Assigned Int/Res FTEs	10.2	ir_assi	No transformation.
Available Int/Res FTEs	10.2	ir_avai	No transformation.
Assigned Oth Clin FTEs	10.2	oc_assi	No transformation.
Available Oth Clin FTEs	10.2	oc_avai	No transformation.
Pharm Stepdown Exp	12.2	Sum of da*_step	No transformation.
Lab Stepdown Exp	12.2	Sum of db*_step	No transformation.
Rad Stepdown Exp	12.2	Sum of dc*_step + di*_step	No transformation.
Lab Svc Weighted Wkld	12.2	Sum of db*_wp	No transformation.
Rad Svc Weighted Wkld	12.2	Sum of dc*_wp + di*_wp	No transformation.
Military Pay Exp	12.2	milpay	No transformation.
Civilian Pay Exp	12.2	civpay	No transformation.
Other O&M Exp	12.2	o_m less civpay	No transformation.
Depreciation Exp	12.2	depexp	No transformation.
Free Receipts Exp	12.2	frrexp	No transformation.
ICU Stepdown Exp	12.2	Sum of dj*_step	No transformation.
ICU Hours of Service	12.2	Sum of dj*_wp	No transformation.
Pharmacy Supply Exp	12.2	rxsupply	No transformation.
Dental Weighted Procedures	12.2	dental_wp	No transformation. Only populated for FY11 forward.
Contributed Exp	12.2	contrib	No transformation.
Tmt DMIS ID T3 Region	\$2	MTF_T3_REG	HIDE. No transformation. Populated FY12+.
Tmt DMIS ID T17 Region	\$2	MTF_T17_REG	No transformation. Populated FY12+.
Parent DMIS ID of Record T3 Region	\$2	PARMTF_T3_REG	HIDE. No transformation. Populated FY12+.
Parent DMIS ID of Record T17 Region	\$2	PARMTF_T17_REG	No transformation. Populated FY12+.
Service Line	\$5	SERVICE_LINE	No transformation.
Tmt DMIS ID T5 Region	\$2	MTF_T5_REG	No transformation.
Parent DMIS ID of Record T5 Region	\$2	PARMTF_T5_REG	No transformation.

- V. M2-Inferred Fields: The MEPRS Table as viewed in the M2 includes multiple fields that are not in the feed. These fields are available to users as a result of "joins" to other tables.

Table 2. M2 Appended Fields

M2 Element Name	Type	Derivation
Tmt DMIS ID Name	Char	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Command	Char	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID DHP Code	Char(1)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Military Service	Char(1)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID MSMA	Char(3)	Join to the DMIS Table by FY and Tmt DMIS ID. Populated FY04+.
Tmt Parent DMIS ID	Char(4)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt Parent DMIS ID Name	Char (40)	Join to the DMIS Table by FY and Tmt Parent DMIS ID.
Parent DMIS ID of Record Name	Char (40)	Join to the DMIS Table by FY and Tmt Parent DMIS ID.
Parent DMIS ID of Record Command	Char(6)	Join to the DMIS Table by FY and Tmt DMIS ID.
Total Encounters	Int(8)	Total Encounters=Inpatient Encounters + Outpatient Encounters
MEPRS2 Code	Char(2)	First two positions of MEPRS4 Code.
MEPRS3 Code	Char(3)	First three positions of MEPRS4 Code.
MEPRS3 Code Description	Char(54)	Joined to MEPRS 3 Code Reference table by FY and MEPRS3 Code.
MEPRS4 Code Description	Char(54)	Joined to MEPRS 4 Code Reference table by FY and MEPRS4 Code.
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 Readiness CMD	Char(8)	See DMIS ID specification for rule.

M2 Element Name	Type	Derivation
Tmt DMIS ID Readiness Service	Char (1)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Readiness Parent	Char (4)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Base Market Code	Char (8)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Expanded Market Code	Char (8)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Market Name	Char (10)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Reporting Market Code	Char (8)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Reporting Market Name	Char (10)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Type of Market Code	Char (5)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Type of Market Name	Char (20)	Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Network	Char(40)	Joined to the DMIS ID Table by FY and Tmt DMID ID.

VI. Data Quality Control: The processor should conduct monthly quality assurance checks to ensure input and output data are valid, complete, and reliable. At a minimum, the processor should:

- Compare monthly raw data row counts to ensure input personnel detail data are consistent with previous monthly raw data feeds.
- Ensure subtotal all data values are consistent with equivalent data in MDR and EAS IV Repository.
- Ensure pre-processing data subtotals equal post-processing data subtotals.
- Evaluate post-processing values for data that appear out of the ordinary, or not consistent with SME expected values (face validity).

VI. Special Outputs:

This file serves as the input to the MIP Core M2 MEPRS 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 M2 MEPRS should be updated at the same cadency of the M2 file and row counts should be validated against the MDR Export transmittals.