

02 June 2022

**Medical Expense and Performance Reporting  
System (MEPRS)  
for the  
MHS Mart (M2)  
(Version 1.07.01)**

**Current Specification**

## Revision History

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

## 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**

<b>M2 Element Name</b>	<b>Type</b>	<b>MDR Data Element Name</b>	<b>Business Rules/Derivation</b>
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
Available Prof FTEs	10.2	pro_avai	No transformation

<b>M2 Element Name</b>	<b>Type</b>	<b>MDR Data Element Name</b>	<b>Business Rules/Derivation</b>
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 + dj*_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	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	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.

- 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**

<b>M2 Element Name</b>	<b>Type</b>	<b>Derivation</b>
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.

<b>M2 Element Name</b>	<b>Type</b>	<b>Derivation</b>
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.
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.

<b>M2 Element Name</b>	<b>Type</b>	<b>Derivation</b>
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.

- 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).