

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. |
| <u>Tmt DMIS ID Base Market Code</u> | <u>Char (8)</u> | <u>Join to the DMIS Table by FY and Tmt DMIS ID.</u> |
| <u>Tmt DMIS ID Expanded Market Code</u> | <u>Char (8)</u> | <u>Join to the DMIS Table by FY and Tmt DMIS ID.</u> |
| <u>Tmt DMIS ID Market Name</u> | <u>Char (10)</u> | <u>Join to the DMIS Table by FY and Tmt DMIS ID.</u> |
| <u>Tmt DMIS ID Reporting Market Code</u> | <u>Char (8)</u> | <u>Join to the DMIS Table by FY and Tmt DMIS ID.</u> |
| <u>Tmt DMIS ID Reporting Market Name</u> | <u>Char (10)</u> | <u>Join to the DMIS Table by FY and Tmt DMIS ID.</u> |
| <u>Tmt DMIS ID Type of Market Code</u> | <u>Char (5)</u> | <u>Join to the DMIS Table by FY and Tmt DMIS ID.</u> |
| <u>Tmt DMIS ID Type of Market Name</u> | <u>Char (20)</u> | <u>Join to the DMIS Table by FY and Tmt DMIS ID.</u> |
| <u>Tmt DMIS ID Network</u> | <u>Char(40)</u> | <u>Joined to the DMIS ID Table by FY and Tmt DMID ID.</u> |

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.