

14 January 2025

**Medical Expense and Performance Reporting
System (MEPRS) Personnel Detail
for the
MHS Mart (M2)
(Version 1.04.00)**

Future Specification

Revision History

Version	Date	Originator	Para/Tbl/Fig	Description of Change
1.01.00	04/30/2008		• Entire document	• Initial specification
1.02.00	09/08/2017	K. Hutchinson	• Table 1 • Section IV	• Added new fields related to NDAA 2017, region transition • Deleted old region fields
1.03.00	05/20/2021	C. McCrocklin	• M2 Inferred Fields	• Table 2. Changed the format and verbiage to a new table format similar to other MDR specs.
1.03.01	01/07/2022	Whole document	• C. McCrocklin	• Updated document to 508 compliance
1.04.00	1/14/2025	C. McCrocklin	• 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 Personnel Detail 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: 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 the M2: The data feed from the MDR to the M2 is described in the table below.

Table 1. Record Layout and Content

Field	M2 Element Name	Type	MDR Data Element Name	Business Rules/Derivation
1	Assigned FTEs	10.2	assig	No Transformation
2	Available FTEs	10.2	avail	No Transformation
3	Available Total FTEs	10.2	tavlfte	Sum of Available FTEs + Purified Available FTEs
4	Parent DMIS ID of Record	\$4	dmisid	No Transformation
5	Tmt DMIS ID	\$4	repdmis	No Transformation
6	FM	\$2	fm	No Transformation
7	FY	\$4	fy	No Transformation
8	MEPRS4 Code	\$4	mepr4	No Transformation
9	Service Occ Code	\$7	socc	No Transformation
10	DoD Occ Code	\$6	dodocc	No Transformation
11	Skill Type	\$1	skill	No Transformation
12	Personnel Category	\$1	perscat	No Transformation
13	Non-Available Leave FTEs,	10.2	nonavlv	No Transformation
14	Non-Available Other FTEs	10.2	nonavot	No Transformation
15	Non-Available Sick FTEs	10.2	nonavsk	No Transformation
16	Non-Available Total FTEs	10.2	totnonav	Sum of Non-Available FTEs – Leave + Non-Available FTEs – Other + Non-Available FTEs – Sick
17	Available Salary Exp	10.2	avsalexp	No Transformation
18	Non-Available Salary Exp	10.2	nonavexp	No Transformation
19	Available Purified FTEs	10.2	pur_av	No Transformation
20	Duty Indicator	\$3	dutyind	No Transformation
21	Skill Type and Suffix	\$2	suffix	Concatenation of Skill Type and Skill Suffix Codes from MEPRS
22	Tmt DMIS ID T3 Region	\$2	MTF_T3_REG	HIDE. No transformation. Populated FY12+.

Field	M2 Element Name	Type	MDR Data Element Name	Business Rules/Derivation
23	Tmt DMIS ID T17 Region	\$2	MTF_T17_REG	No transformation. Populated FY12+.
24	Parent DMIS ID of Record T3 Region	\$2	PARMTF_T3_REG	HIDE, No transformation. Populated FY12+.
25	Parent DMIS ID of Record T17 Region	\$2	PARMTF_T17_REG	No transformation. Populated FY12+.
26	Tmt DMIS ID T5 Region	\$2	MTF_T5_REG	No transformation.
27	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.
MEPRS1 Code	Char(1)	First position of MEPRS4 Code.
MEPRS2 Code	Char(2)	First two positions of MEPRS4 Code.
MEPRS3 Code	Char(3)	First three positions of MEPRS4 Code.

M2 Element Name	Type	Derivation
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.
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.
Service Occ Code Description	Char (74)	Join to MEPRS Occ Codes Reference Table by FY, Skill Type, DoD Occ Code, Service Occ Code.
DoD Occ Code Description	Char (50)	Join to MEPRS Occ Codes Reference Table by FY, Skill Type, Service Occ Code, DoD Occ Code
Skill Type Description	Char (32)	Join to MEPRS Skill Type Reference Table by FY, Skill Type

M2 Element Name	Type	Derivation
Personnel Category Description	Char (22)	Join to MEPRS Personnel Category Reference Table by FY, Personnel Category
Duty Indicator Description	Char (26)	Join to MEPRS Duty Indicator Reference Table by FY, Duty Indicator
Skill Type and Suffix Description	Char (28)	Join to MEPRS Skill Type Reference Table by FY, Skill Type and Suffix
Trmt DMIS ID Network	Char(40)	Joined to the DMIS ID Table by FY and Trmt 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 FTE values are consistent with equivalent data in M2 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).

VII. Special Outputs:

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