**07 January 2022**

MEPRS Expense Detail File

for the

MHS Data Repository (MDR)

(Version 1.00. 03)

Future Specification

**Revision History**

| Version | Date  | Para/Tbl/Fig | Originator | Description of Change |
| --- | --- | --- | --- | --- |
| 1.00.00 | 08/06/2009 | * Whole document
 | M. Tapscott | * Initial versioning.
 |
| 1.00.01 | 04/15/2011 | * Para I
 | M. Tapscott | * Updated ICD references.
 |
|  |  | * Para V and VI
 | M. Tapscott | * Clarify names of files and additional comments.
 |
| 1.00.02 | 05/30/2013 | * I. Source
 | C. McCrocklin | * Updated the name of the ICD to the most recent version titled ICD-1300-2015-04 Approved EAS IV ICD Mod 5 and updated the date to 30 May 2013.
 |
| 1.00.03 | 01/07/2022 | * Whole document
 | C. McCrocklin | * Updated document to 508 compliance
 |

**MDR MEPRS Expense Detail File**

1. Source

Data capture system: EAS IV Data Repository as documented in **ICD-1300-2015-04 Approved EAS IV ICD Mod 5** dated 30 May 2013.

1. Transmission (Format and Frequency)

This table will contain data from FY01 to present. Each month DHSS provides raw EAS IV data extracts via FTP as described in the interface control document (ICD) referenced above. This dataset is created using raw data harvested monthly from the files detailed below:

| **Table Name** | **Description** |
| --- | --- |
| Allocated Expenses (Step.txt)[[1]](#footnote-1) | Contains expense data by providing MEPRS 4 Code |
| Sites | List of sites that are sending EAS IV data. File is used to purge records from existing MDR file so that data contained in above exacts can be added. |

Feeds are pipe “|” delimited ASCII files.

1. Organization and batching
* EAS IV extracts are received and processed monthly
* Extracts are organized into Fiscal Year files.
1. Receiving Filters

No filters are applied.

1. Field Transformations and Deletions for MDR Core Database
* Only records updated since the last harvest of data are received.
* Sites extract is used to purge the existing FY file. Records that have been newly received are deleted from existing FY file and new records are appended.
1. File layout and content

The MDR EAS IV file is a SAS Data Set. The source file is Step.txt (refer to Table A-4 of ICD.)

**TABLE 1: MDR MEPRS EXPENSE DETAIL FILE**

| **Variable Name** | **Format** | **Source Table** | **SAS Name** | **Transformation** |
| --- | --- | --- | --- | --- |
| Net Month Expense | Num(8) | Expense Allocated | Netexp | No Transformation |
| Calendar Month | Char(2) |  | cm | Derived from Fiscal Month |
| Calendar Year | Char(4) |  | cy | Derived from Fiscal Year and Fiscal Month |
| Parent DMIS Id | Char(4) | Expense Allocated | dmisid | No Transformation |
| Fiscal Month | Char(2) | Expense Allocated | fm | No Transformation |
| Fiscal Year | Char(4) | Expense Allocated | fy | No Transformation |
| Functional Cost Code (4 Digit MEPRS Code) | Char(4) | Expense Allocated | mepr4 | No Transformation |
| Reporting DMIS Id | Char(4) | Expense Allocated | repdmis | No Transformation |
| Skill Type Code | Char(1) | Expense Allocated | skill | No Transformation |
| Expense Indicator | Char(1) | Expense Allocated | expind | No Transformation |
| Providing 4th-Level Functional Cost Code (4 Digit MEPRS Code) | Char(4) | Expense Allocated | provmepr4 | No Transformation |
| DoD Standard Expense Element Code (SEEC) | Char(5) | Expense Allocated | seec | No Transformation |
| DoD Standard Expense Element Code (SEEC) Category | Char(1) | Expense Allocated | seeccat | No Transformation |
| DoD Program Element Code (PEC) | Char(5) | Expense Allocated | pec | No Transformation |
| Source of Funds Code (SOF) | Char(1) | Expense Allocated | sof | No Transformation |
| DoD Basic Symbol Limit Code (BSL) | Char(9) | Expense Allocated | bsl | No Transformation |

1. Refresh Frequency

Fiscal year files for FY01-Present are updated monthly if there is a change to the file.

1. Quality assurance

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 data 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 expected values (face validity)
1. Note that the raw file ‘step.txt’ is the source for the final dataset ‘Expense Detail’ file on the MDR, not to be confused with the raw file ‘expdet.txt’, which is an input for MDR MEPRS files other than the ‘Expense Detail’ file. [↑](#footnote-ref-1)