**08 October 2018**

**Injured, Ill and Wounded (IIW) GWOT Cohort**

**for the MHS Mart (M2)**

**(Version 1.04.02)**

**Current Specification**

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date**  | **Originator** | **Para/Tbl/Fig** | **Description of Change** |
| 1.00.00 | 08/2007 | W. FunkL. Hopkins |  | * Initial versioned document.
 |
| 1.01.00 | 02/24/2012 | W. FunkL. Hopkins |  | * Update
 |
| 1.02.00 | 06/29/2012 | L. Hopkins | * Table 1
 | * Update for un-hiding table
 |
| 1.03.00 | 07/26/2012 | L. Hopkins | * Section VII
* Table 2
 | * Changed the refresh frequency to monthly.
* Changed the Institutional date reference
 |
| 1.04.00 | 04/09/2013 | K. Hutchinson for L. Hopkins | * Section III
 | * Modified ACV Group for ACV R and V
 |
| 1.04.01 | 11/7/2017 | W Funk | * Section III and Table 1
 | * Added/removed fields related to NDAA 2017 and T2017
 |
| 1.04.02 | 09/22/2018 | B. Ross | * Table 1
 | * Changed ACV Group M2 Derivation
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# Injured, Ill and Wounded (IIW) GWOT Cohort for the MHS Mart (M2)

1. Data Source: MHS Data Repository Ill, Injured and Wounded Cohort File
2. Record Selection: Complete refresh of all records sent in every M2 update.
3. M2 Derived/Joined Fields: The following data elements are derived in M2:
* Pseudo Sponsor ID: Derived from Sponsor ID via a confidential scrambling algorithm. The algorithm must be applied uniformly across all data tables in M2 that contain the Sponsor SSN.
* Pseudo Person ID: Derived from Person ID via a confidential scrambling algorithm. The algorithm must be applied uniformly across all data tables in M2 that contain the Person ID.
* Market area attributes are made available as described in the M2 Market Area Specification based on the current FY/FM. The particular fields added based on this specification include:
* MTF Service Area for FY06+ (replaces BPA catchment area ID column), PRISM area ID, catchment area ID, market area ID, Prime Service Area, TPR Flag
* DMIS ID Attributes, applied according to the M2 DMIS ID Index Table Specification, based on the current FY. The particular fields that are made available include:
* Most Recent Tmt Name, Most Recent Tmt Command, Most Recent Tmt DHP Code, Most Recent Tmt Military Service, Most Recent Tmt MSMA, Most Recent Tmt Parent, Most Recent Tmt Parent Name
* Enrollment site name, enrollment site command, enrollment site military service, enrollment site region, enrollment site parent, enrollment site parent name, enrollment site MSMA, enrollment site DHP Code
* MTF Service Area Name, catchment area name, catchment area command, catchment area military service, catchment area MSMA
* PRISM area name, PRISM area command, PRISM area military service, PRISM area MSMA
* CTS File: Time since most recent deployment, cumulative deployed days, etc.
* Beneficiary Name: Derived via join to the MPI table, based on Person ID.
1. Table (Object Class) Information in M2: Eligibility/Contingency/Ill, Injured and Wounded Cohort
2. Rules for Preparing M2 Feed from MDR: All records are included when preparing the IIW feed for M2.
3. File Layout: The file layout provided to M2 is described in table 1. The file is pipe delimited.

**Table 1: File Layout and Transformation Rules to Prepare the Feed to go to M2**

| **Variable Name** | **MDR SAS Name** | **Format** | **M2 Derivation** |
| --- | --- | --- | --- |
| Person ID | edi\_pn | $10 | No transformation |
| Sponsor ID | sponssn | $9 | No transformation |
| Medevac Flag | evacflag | $1 | Hidden Field |
| Medevac Date | evacdate | $8 | Hidden Field |
| Medevac Diagnosis 1 | evacdx1 | $5 | Hidden Field |
| Medevac Diagnosis 2 | evacdx2 | $5 | Hidden Field |
| Medevac Diagnosis 3 | evacdx3 | $5 | Hidden Field |
| Medevac MDC | evacmdc1 | $2 | Hidden Field |
| Medevac Litter Flag | litter | $1 | Hidden Field |
| PTSD Flag | ptsd | $1 | No transformation |
| Spinal Cord Injury Flag | spinal | $1 | No transformation |
| Concussion Flag | tbi | $1 | No transformation |
| Other Mental Health Flag | othmh | $1 | No transformation |
| Amputation Flag | amputate | $1 | No transformation |
| Fracture Flag | fracture | $1 | No transformation |
| Burns | burn | $1 | No transformation |
| Sig Trauma Flag | sigtrauma | $1 | No transformation |
| Case Management Acuity Level | cm\_acuity | $1 | Hidden |
| Case Manager ID | cm\_id | $14 | Hidden |
| Primary Care Manager ID | pcmid2 | $14 | No transformation |
| PDHA Indicating Referral Date | pdhadate | $8 | Hidden Field |
| PDHRA Indicating Referral Date | pdhradate | $8 | Hidden Field |
| Enrollment Site | enrsite | $4 | No transformation |
| ACV | acv | $1 | No transformation. Not populated after Jan 1, 2008 |
| Component | component | $1 | No transformation |
| Sponsor Service | service | $1 | No transformation |
| Sponsor Service, Aggregate | sponsvc | $1 | No transformation |
| Zip Code | patzip | $5 | No transformation |
| Medical Retirement Indicator | medret | $1 | No transformation |
| Death Flag | death | $1 | No transformation |
| End Eligibility Date | endelig | $8 | No transformationYYYYMMDD |
| Relative Risk Score | riskscore | $5 | Hidden field |
| Number of Conditions Identified by Risk Grouper | num\_condit | $3 | Hidden field |
| VA Referral Indicator | Va\_ref | $1 | Hidden Field |
| Earliest IIW Date | iiwdate | $8 | HiddenYYYYMMDD |
| FY of Earliest IIW Date | fy\_iiw | $4 | Hidden |
| Most recent treatment facility | recentprov | $14 | No transformation |
| Most recent PCM | Pcmid | $18 | Hidden |
| Most recent NPI, Type 1 | rec\_npi1 | $10 | No transformation. |
| Most recent NPI, Type 2 | rec\_npi2 | $10 | No transformation. |
| Vision Loss flag | blind | $1 | No transformation |
| FY of Processing Date | fy | $4 | No transformation. Hidden field. Use to join attributes of DMISIDs and markets. Contains processing FY |
| FM of Processing Date | fm | $2 | No transformation. Hidden field. Use to join attributes of markets. Contains processing FY |
| Common Bencat | comben | $1 | No transformation |
| Reserved for Future Use(MCSC Referral Indicator) |  | $5 | Hidden |
| Reserved for Future Use |  | $5 | Hidden |
| Most Recent Treatment MTF for Join | Rec\_mtf | $4 | Hidden. Populate if most recent provider is MTF. |
| Beneficiary T3 Region | ben\_reg\_t3 | $2 | No transformation |
| Beneficiary T17 Region | ben\_reg\_t17 | $2 | No transformation |
| Enrollment Site T3 Region | enr\_reg\_t3 | $2 | No transformation |
| Enrollment Site T17 Region | enr\_reg\_t17 | $2 | No transformation |
| ACV Group | acvgroup | $15 | No transformation in M2. In MDR, when preparing the M2 feed; if processing date >=1/1/18 then: map“PR” to “Prime”“DP” to “Desig Prov”“OP” to “Overseas Remote”“PL” to “Plus”“O” to “Other”“R” to “Reliant”; else: If ACV = A, E, H, or J then “Prime”Else if ACV = B or F then “Overseas Remote”Else if ACV = G or L then “Plus”Else if ACV = U then “Desig Prov”Else if ACV = M or Q then “Reliant” |
| Enrollment Group | enr\_grp | $1 | No transformation |
| Eligibility Group | elg\_grp | $1 | No transformation |
| Enrollment PCM Type | pcm\_type | $1 | No transformation |

1. Refresh Frequency: Monthly
2. Application of IIW to M2 Tables

In many of the M2 data tables, attributes about a particular data element are visible to users, even though in many cases, the attributes are not provided in the individual data feeds to M2. In particular, the following fields are made available from the M2 IIW File: IIW Flag. The IIW Flag is set to “Y” where matches are found (per the table below); otherwise it is set to “N”.

**Table 2. Application Rules to M2 Tables**

| **Table (Object Class) to add IIW Flag to** | **Earliest IIW date is > than**  | **Other match criteria**  |
| --- | --- | --- |
| DEERS Person Detail FYxx | 1st of month associated with CY/CM  | Person ID |
| TRICARE Relationship Detail FYxx | 1st of month associated with CY/CM |
| Inpatient Admissions Detail  | Admission Date |
| Professional Encounters FYxx | Encounter Date |
| Direct Care Laboratory FYxx | Service Date |
| Direct Care Radiology | Service Date |
| Institutional | Begin Date of Care |
| Non Institutional FYxx | Begin Date of Care |
| Pharmacy Data Transaction Service FYxx | Fill Date |