**8 January 2018**

TRICARE Encounter Data - Institutional Summary Table

(TED-I Summary)

for the MHS Mart (M2)

(Version 1.02.02)

Future Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Originator** | **Para/Tbl/Fig** | **Description of Change** |
| 1.00.00 | 05/15/2006 |  |  | * Initial versioning. |
| 1.01.10 | 06/04/2012 | J. Huber | * Table 1 | * First separate document for TED-I Summary * Replaced Bed Days, Raw and Total with Authorized Days, Raw and Total * Add Program Indicator Code |
| 1.01.20 | 01/02/2013 | J. Huber | Table 1 | * Added MS-DRG RWP Raw and Total |
| 1.02.00 | 09/29/2015 | K. Hutchinson for J. Huber | Appendix A | * Updated Diagnosis Group for ICD-10-CM implementation |
| 1.02.01 | 3/17/2016 | W. Funk | Appendix A | * Altered logic for diagnosis group |
| 1.02.02 | 1/8/2018 | W. Funk | Table 1 | * Added new fields for NDAA 2017. |

# M2 Institutional Summary File

The Institutional Summary table is to be prepared each month according the following rules:

* The summary table is refreshed whenever the Institutional Detail table is refreshed.
* Certain fields are standardized in the process of preparing the summary table. The rules for standardizing are provided in the format table below.

The fields in the Institutional Summary Table are described below.

**Table 1. Fields in the M2 Institutional Summary Table**

| **M2 Element Name** | **Type** | **Source Table Element Name from Detail** | **Transformation Rules** |
| --- | --- | --- | --- |
| **DIMENSIONS** | | | |
| ACV | $1 | ACV | No transformation. No longer populated Jan 2018+ |
| ACV Group | $10 | ACV Group | No transformation |
| Eligibility Group | $1 | Eligibility Group | No transformation |
| Enrollment Group | $1 | Enrollment Group | No transformation |
| Enrollment PCM Type | $1 | Enrollment PCM Type | No transformation |
| Admission Category | $1 | Admission Source | When detail admission\_source = 4 then insert 'T'  When detail contractor\_number is NULL and admission\_source is 'A' or 'B' then insert 'N'  When detail contractor\_number is NOT NULL and admission\_source is '1' or '2' then insert 'N'  For all other records insert ' ' (space) |
| Age Group Common | $1 | Age Group Common | No transformation |
| Ben Cat Common | $1 | Ben Cat Common | No transformation |
| ~~Beneficiary Region~~ | ~~$2~~ | ~~Beneficiary Region~~ | HIDE ~~No transformation~~ |
| Beneficiary T3 Region | $2 | Beneficiary T3 Region | No transformation |
| Beneficiary T17 Region | $2 | Beneficiary T17 Region | No transformation |
| Catchment Area ID | $4 | Catchment Area ID | No transformation |
| Catchment Area Name | $42 | Catchment Area Name | No transformation |
| Catchment Area Command | $8 | Catchment Area Command | No transformation |
| Catchment Area Military Service | $1 | Catchment Area Military Service | No transformation |
| Catchment Area MSMA | $2 | Catchment Area MSMA | No transformation |
| CM | 2 | CM | No transformation |
| CY | 4 | CY | No transformation |
| Diagnosis Group | $2 | Primary Diagnosis | Based on first 3 characters of the primary diagnosis code. See Appendix A. |
| Disposition Category | $1 | Discharge Status | When detail discharge\_status is '02' then insert 'T'  When detail discharge\_status is '20' then insert 'D'  For all other records insert ' ' (space) |
| Enrollment Site | $4 | Enrollment Site | No transformation |
| Enrollment Site Command | $8 | Enrollment Site Command | No transformation |
| Enrollment Site DHP Code | $1 | Enrollment Site DHP Code | No transformation |
| Enrollment Site HSSC Region | $1 | Enrollment Site HSSC Region | No transformation |
| Enrollment Site Military Service |  | Enrollment Site Military Service | No transformation |
| Enrollment Site MSMA |  | Enrollment Site MSMA | No transformation |
| Enrollment Site Name |  | Enrollment Site Name | No transformation |
| Enrollment Site Parent |  | Enrollment Site Parent | No transformation |
| Enrollment Site Parent Name |  | Enrollment Site Parent Name | No transformation |
| ~~Enrollment Site Region~~ |  | ~~Enrollment Site Region~~ | ~~HIDE No transformation~~ |
| Enrollment Site T3 Region | $2 | Enrollment Site T3 Region | No transformation |
| Enrollment Site T17 Region | $2 | Enrollment Site T17 Region | No transformation |
| Enrollment Status | $2 | Enrollment Status | No transformation |
| FM | 2 | FM | No transformation |
| FY | 4 | FY | No transformation |
| Gender | $1 | Gender | No transformation |
| Institution Category | $1 | Institution Type | When detail institution\_type is '33', '48', '53', or '58' then insert 'C'  When detail institution\_type is '78', or '79' then insert 'D'  When detail institution\_type is '70' then insert 'H'  When detail institution\_type is '11', '46', '51', '56', '74', or '92' then insert 'O'  When detail institution\_type is '72', '73', or '76' then insert 'N'  When detail institution\_type is '12', '22', '52', '62', or '82' then insert 'P'  For all other records insert 'A' |
| Market Area ID | $3 | Market Area ID | No transformation |
| MDC | $2 | MDC | No transformation |
| MEHRCF Flag | $1 | MEHRCF Flag | No transformation |
| PPS Enr Parent Site |  | PPS Enr Parent Site | No transformation |
| PPS Enr Parent Site Name |  | PPS Enr Parent Site Name | No transformation |
| PRISM Area Command |  | PRISM Area Command | No transformation |
| PRISM Area ID | $4 | PRISM Area ID | No transformation |
| PRISM Area Military Service |  | PRISM Area Military Service | No transformation |
| PRISM Area MSMA |  | PRISM Area MSMA | No transformation |
| PRISM Area Name |  | PRISM Area Name | No transformation |
| Program Ind Code | $1 | Program Ind Code | No transformation |
| Sponsor Service | $1 | Sponsor Service | No transformation |
| Sponsor Service Common | $1 | Sponsor Service | Map from sponsor service according to Appendix B. |
| **MEASURES** | | | |
| Admissions, Raw | N | Admissions, Raw | No transformation |
| Admissions, Total | N | Admissions, Total | No transformation |
| Amt OHI, Raw | N | Amt OHI, Raw | No transformation |
| Amt OHI, Total | N | Amt OHI, Total | No transformation |
| Amt Patient Cost Share, Raw | N | Amt Patient Cost Share, Raw | No transformation |
| Amt Patient Cost Share, Total | N | Amt Patient Cost Share, Total | No transformation |
| Amt Patient Paid, Overall, Raw | N | Amt Patient Paid, Overall, Raw | No transformation |
| Amt Patient Paid, Overall, Total | N | Amt Patient Paid, Overall, Total | No transformation |
| Amount Allowed, Raw | N | Amount Allowed, Raw | No transformation |
| Amount Allowed, Total | N | Amount Allowed, Total | No transformation |
| Amount Paid, Raw | N | Amount Paid, Raw | No transformation |
| Amount Paid, Total | N | Amount Paid, Total | No transformation |
| Authorized Days, Raw  (replaced Bed Days, Raw) | N | Authorized Days, Raw | No transformation |
| Authorized Days, Total  (replaced Bed Days, Total) | N | Authorized Days, Total | No transformation |
| Number of Births, Raw | N | Number of Births, Raw | No transformation |
| Number of Births, Total |  | Number of Births, Total | No transformation |
| Preventable Admissions, Raw | N | Preventable Adm Indicator | Prior to summing the detail table, if Preventable Adm Indicator = 0 then set to 0; else set to 1. |
| Preventable Admissions, Total | N | Preventable Adm Indicator | See Appendix A of the TED-I Detail specification for the application of IBNR factors. |
| RWP, Raw | N | RWP, Raw | No transformation |
| RWP, Total | N | RWP, Total | No transformation |
| MS-DRG RWP, Raw | N | MS-DRG RWP, Raw | Summation |
| MS-DRG RWP, Total | N | MS-DRG RWP, Total | Summation |

1. **QUALITY REVIEW**

The totals for all measures shall be checked against the totals in the MDR to ensure that files are properly loaded. All years should be checked, especially to ensure that back years are not lost. Numbers should match exactly. Key fields, such as FY and FM, ACV Group, Beneficiary Category should be checked to ensure the distribution of the number of records in each category is similar.

1. **Special Outputs**

NA

### **Appendix A: Assignment of Diagnoses to Diagnosis Groups**

|  |  |  |  |
| --- | --- | --- | --- |
| **ICD-9**  **First 3 digits**  **(FY15 and back)** | **ICD-10**  **First 3 digits**  **(FY16 and forward)** | **Category**  **Number** | **Disease Category Name** |
| 001-139 | A00-B99 | 1 | Infections & Parasites |
| 140-239 | C00-D49 | 2 | Neoplasms |
| 240-279 | E00-E89 | 3 | Endocrine & Metabolism |
| 280-289 | D50-D89 | 4 | Blood |
| 290-319 | F01-F99 | 5 | Mental |
| 320-389 | G00-H95 | 6 | Nerves and Senses |
| 390-459 | I00-I99 | 7 | Circulatory System |
| 460-519 | J00-J99 | 8 | Respiratory Sytem |
| 520-579 | K00-K95 | 9 | Digestive System |
| 580-629 | N00-N99 | 10 | Genitourinary |
| 630-677 | O00-O9A | 11 | Pregnancy and Childbirth |
| 678-709 | L00-L99 | 12 | Skin |
| 710-739 | M00-M99 | 13 | Musculoskeletal |
| 740-759 | Q00-Q99 | 14 | Congenital Anomalies |
| 760-779 | P00-P96 | 15 | Perinatal |
| 780-799 | R00-R99 | 16 | Ill-Defined |
| 800-999 | S00-T88 | 17 | Injury & Poisoning |
| V\*\* | Z00-Z99 | 18 | Supplementary Classifications |
| Any | DOD\* | 19 | DoD Unique Codes |
| All Others | V00-Y99 | 20 | Unknown (external causes) |
| All Others | All Others |  | Blank |

### **Appendix B: Sponsor Service (Common) Mapping**

(Any record in a source file with the value shown below for that source is mapped to the Common Sponsor Service variable shown on the same line.)

| **Meaning** | **Common** | **SADR** | **SIDR** | **PopSum** | **EBC& Long Enr** | **HCSR** | **NMOP** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Army | **A** | A | 1 | A | A | A | A |
| NOAA | **Z** | B | 6 | Z | X |  | X |
| Coast Guard | **C** | C | 5 | C | P | P | P |
| Air Force | **F** | F | 4 | F | F | F | F |
| Joint | **Z** | J | 6 | Z | D |  | X |
| Govt Employee | **Z** | K | 6 | Z | X |  | X |
| Marine Corps | **M** | M | 3 | M | M | M | M |
| Navy | **N** | N | 2 | N | N | N | N |
| Navy Afloat | **N** | N | 2 | V | N | N | N |
| CHAMPVA | **Z** | O | 6 | Z | X | C | X |
| Public Health | **Z** | P | 6 | Z | E | E | E |
| NATO | **Z** | R | 6 | Z | 1 |  | X |
| NOAA | **Z** |  |  |  | I | I | I |
| Non-catchment | **Z** | S | 6 | Z | X |  | X |
| USTF | **Z** | T | 6 | Z | X |  | X |
| VA | **Z** | V | 6 | Z | X |  | X |
| Lighthouse etc | **Z** | W | 6 | Z | X |  | X |
| Civilian, unknown | **Z** | X | 6 | Z | Z |  | Z |
| Foreign Military | **Z** |  |  |  | 1 |  | X |