**13 October 2017**

TRICARE Encounter Data - Institutional

(TED-I)

for the MHS Mart (M2)

(Version 1.09.01)

Current Specification

**Revision History**

| **Version** | **Date** | **Originator** | **Para/Tbl/Fig** | **Description of Change** |
| --- | --- | --- | --- | --- |
| 1.01.01 | 03/25/2009 | J. Huber |  |  |
| 1.02.00 | 03/15/2010 | J. Huber | * Page 7
 | * Added Provider Organizational NPI
 |
| 1.03.00 | 10/06/2010 | K. Hutchinson | * Page 4
 | * Clarified added MS-DRG Desc to older years
 |
| 1.04.00 | 05/04/2011 | J. Huber | * Page 5
* Page 5
* Page 6
* Page 7
* Page 9
 | * Changed GWOT to OCO
* ACV Group Algorithm clarified
* Drop DDS for FY 09+
* Added Sec DX9-11 and POA 9-11
* Added new field Sponsor Service, Aggregate
* Indicated POA fields should be hidden
 |
| 1.05.00 | 08/24/2011 | K. Hutchinson for J. Huber | * Section VII
 | * Added Pricing Rate Code
* M2 Appended Fields moved after table layout (administrative, no change to processor)
 |
| 1.06.00 | 03/05/2012 | K. Hutchinson for J. Huber | * Table 1
* Table 2
 | * Indicated Person ID only visible in restricted universe.
* Added Pseudo Person ID.
 |
| 1.07.00 | 05/25/2012 | J. Huber | * Table 1
* Table 2
 | * Added Medical Home Fields
* OHI Flag
 |
| 1.07.01 | 10/26/2012 | J. Huber | * Table 1
 | * Widened ICD fields for ICD-10
* These modifications make this document ICD-10 compliant
 |
| 1.07.02 | 1/2/2013 | J. Huber | * Table 1
* Table 2
 | * If FY >= 2013 then DRG = blank
* Change table lookup for DRG Description and MS-DRG Description from join using Admission FY to join using FY
 |
| 1.07.03 | 01/08/2013 | K. Hutchinson for J. Huber | * Table 2
 | * Clarified join to diagnosis table.
 |
| 1.08.00 | 04/04/2013 | K. Hutchinson for J. Huber | * Table 2
 | * Modified ACV Group for ACV R and V
 |
| 1.08.01 | 04/24/2013 | M. North | * Table 1
 | * Reset size of diagnosis code fields to 7.
 |
| 1.08.02 | 06/07/2013 | J. Huber | * Table 1
 | * Added PCM\_ID
 |
| 1.08.03 | 01/14/2014 | J. Huber | * Tables 1 and 2
 | * Hide MS-DRG Full RWP, Raw and Total
 |
| 1.08.04 | 05/19/2014 | M. Patel for J. Huber | * Table 1
 | * Modified Join to ICD 10 from FY 15+ to FY16+
 |
| 1.08.05 | 07/21/2014 | J. Huber | * Table 1
 | * Change Primary Diagnosis to Diagnosis 1, etc.
 |
| 1.08.06 | 7/27/2015 | W. Funk | * Table 1
* Table 2
 | * Added numerous fields
* Added Referral FY and Referral FM
 |
| 1.08.07 | 11/17/2015 | W. Funk | * Table 1
 | * Added the MTF referral Match Flag
 |
| 1.08.08 | 11/19/2015 | W. Funk | * Table 1
 | * Removed referring CHCS Host
 |
| 1.08.09 | 4/19/2016 | W. Funk | * Table 1
 | * Added UIN, Referral Begin Date, Referral End Date
 |
| 1.08.10 | 7/7/2016 | W. Funk | * Table 1
 | * Added VA Flag
 |
| 1.08.11 | 9/3/2016 | W.Funk | * Table 2
 | * Added Referring MTF hierarchy
 |
| 1.09.00 | 8/18/2017 | B. Ross for W. Funk | * Table 1
* Table 2
 | * Added new fields related to NDAA and region transition & hid region fields
* Hid region fields
 |
| 1.09.01 | 10/13/2017 | B. Ross for W. Funk | * Table 1
 | * Change field text for consistency
* Changed Eligibility Group and Enrollment Group Type to $1
 |

# M2 TED Institutional File

1. **Source**

Source: TED Institutional records are provided to the M2 by the MDR. This document describes the interface.

1. **Input Feeds**

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 (unless it is the last field).

File Content: Each year’s file contains all records for that year.

1. **Organization and Batching**

Time slicing: Batches are by fiscal year for the current fiscal year and two previous fiscal years. Each file consists of all records with an end-date-of-care in the same fiscal year.

Frequency of processing: Monthly refreshes.

1. **Filters**

Original batches include all net institutional records that were accepted, and not cancelled or denied, with an end date of care later than 30 September 1998.

Monthly refresh batches incorporate all net institutional records accepted by the TMA-Aurora Claims Acceptance System in the preceding month.

1. **Updating the Master Tables**

M2 tables are updated on a monthly basis by simply removing all records whose end date of care matches the fiscal year(s) being updated, and replacing with the records provided in the monthly feed.

1. **Record Layout and Content**

The file layout of the M2 data feed is provided in the table below.

**Table 1. M2 HCSR / TED Institutional Feed Layout**

| **M2 Object** | **Format** | **Source Element** | **Processing Rule/Comments**  |
| --- | --- | --- | --- |
| Record ID | $24 | tedno | No transformation |
| TED Indicator | $1 | tedind | No transformation |
| Program Ind Code | $1 | pic | No transformation |
| Sponsor ID | $9 | sponssn | No transformation |
| Sponsor Pay Grade | $2 | paygrd and payplan | if payplan= 'ZZ' then paygr = '90';else if ((payplan = 'ME') and (paygrd in '01','02','03','04','05', '06',’07','08','09'))) then no transformation;else if ((payplan eq 'MW') and (paygrd in ('01','02','03','04','05'))) then paygr = paygrd + 10;else if ((payplan eq 'MC') and (paygrd eq '01')) then paygr ='19';else if ((payplan = 'MO') and (paygrd in '01','02','03','04','05', '06','07','08','09','10','11'))) thenpaygr = paygrd + 20;else if ((payplan = 'GS') and (paygrd in ('01','02','03','04','05', '06','07','08','09','10','11','12', '13', '14','15','16','17','18'))) then paygr = paygrd + 40;else if (paygrd in ('00','90')) then paygr = '99'; |
| Sponsor Service | $1 | sponsvc | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Beneficiary Name of Record | $27 | lastname,frstname, midlname | In MDR: Concatenate last name, first name and middle name.  |
| Date of Birth | YYYYMMDD | patdob | YYYYMMDD  |
| DDS | $2 | dds | Drop for FY09+ |
| Gender | $1 | patsex | No transformation |
| Beneficiary Zip Code | $5 | patzip | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Enrollment Status | $2 | enrstat | No transformation |
| Amount Allowed, Raw | 10.2 | allow | No transformation |
| Amount Paid, Raw | 10.2 | paid | No transformation |
| Provider Tax ID | $9 | taxid | No transformation |
| Multiple Provider ID | $4 | multprov | No transformation |
| Provider Zip | $5 | provzip | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Diagnosis 1 | $7 | dx1 | No transformation |
| Diagnosis 2 | $7 | dx2 | No transformation |
| Diagnosis\_3 | $7 | dx3 | No transformation |
| Enrollment Site of Record | $4 | enrsite | No transformation. |
| Age | N 3 | patage | No transformation |
| Beneficiary Region  | $2 | resreg | HIDE No transformation |
| Institution Type | $2 | insttype | No transformation |
| Admission Date | YYYYMMDD | admdate | YYYYMMDD format required. |
| Bill Frequency | $1 | billfreq | No transformation |
| Admission Type | $1 | admtype | No transformation |
| Admission Source | $1 | admsrc | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Discharge Status | $2 | dispstat | No transformation |
| Begin Date of Care | YYYYMMDD | begdate | YYYYMMDD format required. |
| End Date of Care | YYYYMMDD | enddate | YYYYMMDD format required. |
| Number of births, Raw | N 2 | births | No transformation |
| Authorized Days, Raw | N 3 | authdays | No transformation |
| Admission Diagnosis | $7 | admdx | No transformation |
| Procedure 1 | $7 | proc1 | No transformation |
| Procedure 2 | $7 | proc2 | No transformation |
| Procedure 3 | $7 | proc3 | No transformation |
| DRG | $3 | acutedrg | if FY >= 2013 then null |
| Type of Sub Code | $1 | typesub | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Admissions, Raw | $1 | adm | No transformation |
| Ben Cat Common of Record | $1 | comben | No transformation |
| Preventable Adm Indicator | $1 | prevadm | No transformation |
| Diagnosis 4 | $7 | dx4 | No transformation |
| Diagnosis 5 | $7 | dx5 | No transformation |
| Diagnosis 6 | $7 | dx6 | No transformation |
| Diagnosis 7 | $7 | dx7 | No transformation |
| Diagnosis 8 | $7 | dx8 | No transformation |
| Diagnosis 9 | $7 | dx9 | No transformation |
| Catchment Area ID of Record | $4 | catch | No transformation. Hidden field. |
| Procedure 4 | $7 | proc4 | No transformation |
| Procedure 5 | $7 | proc5 | No transformation |
| Procedure 6 | $7 | proc6 | No transformation |
| MDC | $2 | mdc | No transformation |
| RWP, Raw | 7.4 | rwp | No transformation. |
| CM | $2 | cm | No transformation.. |
| CY | $4 | cy | No transformation.. |
| FM | $2 | fm | No transformation |
| FY | $4 | fy | No transformation |
| Spec Processing Code 1 | $2 | sprocd1 | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Spec Processing Code 2 | $2 | sprocd2 | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Spec Processing Code 3 | $2 | sprocd3 | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| Person ID | $10 | edi\_pn | No transformationOnly visible in the restricted universe. |
| Amt OHI, Raw | 10.2 | ohi | No transformation |
| Amt Patient Cost Share, Raw | 8.2 | patcost | Sum of patient copayment and patient coinsurance for FY03 and earlier. No transformation for TED |
| Acceptance Date | YYYYMM | accptdt | For FY04 and later, concatenate the year and month of the acceptance date. YYYYMM format required. |
| Processing Date | YYYYMMDD | procdate | No transformation |
| Amount Billed, Raw | 9.2 | bill | No transformation |
| Cycle Year | $4 | cycle | Derived in MDR as 1st four characters of the cycle number. |
| Cycle Month | $2 | cycle | Derived in MDR as characters 5-6 of the cycle number. |
| Sponsor Status | $1 | memcat | No transformation. Note: change in coding scheme to TED values. See MDR TED Institutional Specification for more information. |
| MERHCF Flag | $1 | tflflag | No transformation  |
| Acute Care Hospital Indicator | $1 | acute | No transformation |
| DEERS Enrollment Site | $4 | denrsite | No transformation. Hidden Field |
| ACV | $1 | acv | No transformation |
| Beneficiary Category | $3 | bencat | No transformation |
| Admitting TED Number | $24 | admtedno | No transformation |
| Monthly Transaction Amount | 10.2 | mnamt | Not populated currently. Hidden field. |
| HCDP - Enrolled | $3 | dhcdp | No transformation |
| HCDP Code, Special Entitlement | $3 | N/A | No transformation. Hidden field. |
| Non-Institutional Tail, Raw | 7.2 | proftail | No transformation |
| Administrative Tail, Raw | 7.2 | admtail | No transformation. Hidden field. |
| Contractor Number | $2 | konum | No transformation |
| Provider State/Country Code | $3 | provloc | No transformation  |
| Referral Number | $15 | authnum | Hidden field. Only populated for FY06 and later. |
| Space Available Flag | $1 | spacea | No transformation |
| Enrollment Site | $4 | denrsite | No transformation |
| Network Indicator | $1 | network | Only populated for FY04 and later |
| Underwritten Region  | $1 | underwrt | HIDE Only populated for FY04 and later. |
| Provisional Acceptance Indicator | $1 | provaccp | Only populated for FY04 and later |
| Person Association Reason Code | $2 | parc | No transformation |
| All Care Diagnosis Group | $3 | drg | No transformation |
| Preventable Adm Indicator, AHRQ | $1 | ahrqpvadm | No transformation.  |
| Admission FY | $4 | admfy | No transformation. Hidden |
| TPR Eligibility Flag | $1 | tprelig | No transformation.  |
| MS-DRG | $3 | msdrg | No transformation. Populated for FY07+ |
| MS-DRG RWP, Raw | 10.4 | msrwp | No transformation. (Also note that estimations to completion are required per Section V). Populated for FY07+ |
| MS-DRG Full RWP, Raw | 10.4 | msfullrwp | No transformation. (Also note that estimations to completion are required per Section VPopulated for FY07+.) Hide field in m2 Universe - never populated |
| Diagnosis 1, POA  | $1 | dx1poa | No transformation. Blank at first, but will eventually be populated for FY09+Hidden field[[1]](#footnote-1). |
| Diagnosis 2, POA | $1 | dx2poa | No transformation. Blank at first, but will eventually be populated for FY09+Hidden field. |
| Diagnosis 3, POA | $1 | dx3poa | No transformation. Blank at first Hidden field. |
| Diagnosis 4, POA | $1 | dx4poa | No transformation. Blank at first Hidden field. |
| Diagnosis 5, POA | $1 | dx5poa | No transformation. Blank at first Hidden field. |
| Diagnosis 6, POA | $1 | dx6poa | No transformation. Blank at first Hidden field. |
| Diagnosis 7, POA | $1 | dx7poa | No transformation. Blank at first Hidden field. |
| Diagnosis 8, POA | $1 | dx8poa | No transformation. Blank at first Hidden field. |
| Diagnosis 9, POA | $1 | dx9poa | No transformation. Blank at first Hidden field. |
| Provider Organizational NPI | $10 | grpnpi | No transformation. Not populated prior to January 1, 2009. |
| Sponsor Service, Aggregate | $1 | dsponsvc | If dsponsvc = blank, then Sponsor Service, Aggregate = ‘Z’, else No transformation. Populate all M2 TED-I records FY05+. |
| Diagnosis 10 | $7 | dx10 | No transformation. Populated FY05+. |
| Diagnosis 11 | $7 | dx11 | No transformation. Populated FY05+. |
| Diagnosis 12 | $7 | dx12 | No transformation. Populated FY05+. |
| Diagnosis 10, POA | $1 | dx10poa | No transformation. Blank at first Hidden field. |
| Diagnosis 11, POA | $1 | dx11poa | No transformation. Blank at first Hidden field. |
| Diagnosis 12, POA | $1 | dx12poa | No transformation. Blank at first Hidden field. |
| Pricing Rate Code | $2 | pricert | No transformation. |
| Enrollment MEPRS Code | $4 | med\_home\_meprs | No transformation.Populated FY11+. |
| Medical Home Flag | $1 | med\_home\_flag | No transformation.Populated FY11+. |
| PCM ID | $18 | pcmidlvm | No transformation.Populated FY11+. |
| ICU Flag | $1 | icuflag | No transformation. |
| OR Flag | $1 | orflag | No transformation. |
| Referring CHCS Order Number | $13 | ref\_order\_num | No transformation. |
| Referring MTF | $4 | ref\_mtf | No transformation. |
| Referring MTF Provider ID | $9 | ref\_provid | No transformation. |
| Referring MTF Provider EDIPN | $10 | ref\_edipn | No transformation. |
| Referring MTF Provider NPI | $10 | ref\_npi | No transformation. |
| Referral Date | YYYYMMDD | refdate | No transformation. |
| Referring MTF MEPRS Code | $4 | ref\_meprscd | No transformation. |
| MTF Access to Care Category | $1 | ref\_atc | No transformation. |
| Ben Cat Common | $1 | dcomben | No transformation. |
| MTF-MCSC Referral | $1 | mtf\_refflag | No transformation |
| UIN | $17 | uin | Remove trailing blanks |
| Referral Begin Date | YYYYMMDD | ref\_begdate | No transformation |
| Referral End Date | YYYYMMDD | ref\_enddate | No transformation |
| VA Flag | $1 | va\_flag | No transformation |
| Eligibility Group | $1 | elg\_grp | No transformation |
| Enrollment Group | $1 | enr\_grp | No transformation |
| Enrollment PCM Type | $1 | pcm\_type | No transformation |
| HCDP – Assigned | $3 | hcdp\_assgn | No transformation |
| Enrollment Site T3 Region | $2 | enr\_reg\_t3 | No transformation |
| Enrollment Site T17 Region | $2 | enr\_reg\_t17 | No transformation |
| Beneficiary T3 Region  | $2 | ben\_reg\_t3 | No transformation |
| Beneficiary T17 Region | $2 | ben\_reg\_t17 | No transformation |
| Enrollment Site of Record T3 Region | $2 | enr\_of\_rec\_reg\_t3 | No transformation |
| Enrollment Site of Record T17 Region | $2 | enr\_of\_rec\_reg\_t17 | No transformation  |
| Provider T3 Region | $2 | prov\_reg\_t3 | No transformation  |
| Provider T17 Region | $2 | prov\_reg\_t17 | No transformation  |
| Referring MTF T3 Region  | $2 | ref\_mtf\_reg\_t3 | No transformation  |
| Referring MTF T17 Region  | $2 | ref\_mtf\_reg\_t17 | No transformation  |
| ACV Group | $15 | acvgroup | No transformation in M2. In MDR, when preparing the M2 feed; if begin date >=1/1/18 then: map“PR” to “Prime”“DP” to “Desig Prov”“OP” to “Overseas Prime”“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”Else if ACV = R or V then “Other”Else if ACV is any other value and Ben Cat Common = 4 then “Reliant”Else “Other” |

1. **M2 Appended Objects**

The M2 makes certain fields visible to users via joins and other business rules. The objects added in M2 processing are listed in the table below.

**Table 2. M2 Appended Objects**

| **M2 Object** | **Format** | **Processing Rule/Comments**  |
| --- | --- | --- |
| Admissions, Total | N | See Appendix A. |
| Amt OHI, Total | N | See Appendix A. |
| Amt Patient Cost Share, Total | N | See Appendix A. |
| Amt Patient Paid, Overall, Raw | N | Set to Amt Patient Cost Share, Raw. |
| Amt Patient Paid, Overall, Total | N | See Appendix A. |
| Amount Allowed,Total | N | See Appendix A. |
| Amount Billed, Total | N | See Appendix A. |
| Amount Paid, Total | N | See Appendix A. |
| Authorized Days, Total | N | See Appendix A. |
| Bed Days, Raw | N |  |
| Bed Days, Total | N | See Appendix A. |
| Days Since Most Recent OCO Depl | N(5) | See M2 CTS specification for business rules.This is a measure. |
| MS-DRG Full RWP, Total | N | See Appendix A. Hide field in m2 Universe - never populated |
| MS-DRG RWP, Total | N | See Appendix A. |
| Non-institutional Tail, Total | N | See Appendix A. |
| Number of Births, Total | N | See Appendix A. |
| Number of Claims | N | Count of unique Record IDs. |
| RWP, Total | N | See Appendix A. |
| ACV Group - Legacy | $10 | Hide, coming from MDR |
| Admission Diagnosis Desc |  | For FY15 and back, join to ICD-9-CM Diagnosis Table by Admission FY and Admission Diagnosis.For FY16+ join to ICD-10-CM Diagnosis Table by Admission FY and Admission Diagnosis. |
| Age Group Code | $1 | A = 0-4B = 5-14C = 15-17D = 18-24E = 25-34F = 35-44G = 45-64H = 65+Z = blank |
| Age Group Common | $1 | A = 0-4B = 5-14C = 15-17D = 18-24E = 25-34F = 35-44G = 45-64H = 65-69I = 70-74J = 75-79K = 80-84L = 85+Z = blank |
| Case Management Acuity Level | $1 | See M2 Case Management specification for business rules. |
| Case Management DMIS ID | $4 | See M2 Case Management specification for business rules. |
| Case Manager ID 1 | $14 | See M2 Case Management specification for business rules. |
| Case Manager ID 2 | $14 | See M2 Case Management specification for business rules. |
| Case Manager ID 3 | $14 | See M2 Case Management specification for business rules. |
| Catchment Area ID | $4 | See M2 Omni-CAD specification for business rules. |
| Catchment Area Name | $ | See M2 DMIS specification for business rules. |
| Catchment Area Command | $ | See M2 DMIS specification for business rules. |
| Catchment Area Military Service | $ | See M2 DMIS specification for business rules. |
| Catchment Area MSMA | $ | See M2 DMIS specification for business rules.  |
| Cumulative OCO Days Deployed | N | See M2 CTS specification for business rules. |
| Days Since Return from OCO Depl | $5 | See M2 CTS specification for business rules.This is a dimension. |
| DRG Desc | $ | Join to DRG reference table by FY and DRG. |
| Enrollment Site Name | $ | See M2 DMIS specification for business rules. |
| Enrollment Site Command | $ | See M2 DMIS specification for business rules. |
| Enrollment Site DHP Code | $1 | See M2 DMIS specification for business rules. |
| Enrollment Site Military Svc | $ | See M2 DMIS specification for business rules. |
| Enrollment Site MSMA | $3 | See M2 DMIS specification for business rules.  |
| Enrollment Site Parent | $4 | See M2 DMIS specification for business rules. |
| Enrollment Site Parent Name | $ | See M2 DMIS specification for business rules. |
| Enrollment Site of Record Name | $ | See M2 DMIS specification for business rules. |
| Enrollment Site of Record Command | $ | See M2 DMIS specification for business rules. |
| Enrollment Site of Record DHP Code | $1 | See M2 DMIS specification for business rules. |
| Enrollment Site of Record Mil Svc | $ | See M2 DMIS specification for business rules. |
| Enrollment Site of Record MSMA | $3 | See M2 DMIS specification for business rules. |
| Enrollment Site of Record Parent | $4 | See M2 DMIS specification for business rules. |
| Enrollment Site of Record Parent Nm | $ | See M2 DMIS specification for business rules. |
| Ever Deployed Flag (OCO) | $1 | See M2 CTS specification for business rules. |
| OCO Deployed Flag | $1 | See M2 CTS specification for business rules. |
| IBNR Category | N | See Appendix A. |
| IBNR Cost Factor | 7.6 | See Appendix A. |
| IBNR Lag | N | See Appendix A. |
| IBNR Work Factor | 7.6 | See Appendix A. |
| IIW Flag | $ | See M2 IIW specification for business rules.  |
| Length of Stay | $ |  |
| Market Area ID | $3 | See M2 Omni-CAD specification for business rules. |
| MS-DRG Description | $ | Join to MS-DRG reference table by FY and MS-DRG.  |
| MTF Service Area | $4 | See M2 Omni-CAD specification for business rules. Populated FY06+. |
| MTF Service Area Name | $ | See M2 DMIS specification for business rules. |
| PPS Enr Parent Site | $4 |  |
| PPS Enr Parent Site Name | $ | See M2 DMIS specification for business rules. |
| Prime Service Area | $1 | See M2 Omni-CAD specification for business rules. |
| PRISM Area ID | $4 | See M2 Omni-CAD specification for business rules. |
| PRISM Area Name | $ | See M2 DMIS specification for business rules. |
| PRISM Area Command | $ | See M2 DMIS specification for business rules. |
| PRISM Area Military Service | $ | See M2 DMIS specification for business rules. |
| PRISM Area MSMA | $3 | See M2 DMIS specification for business rules.  |
| Processing CM | $2 | Substring 5th and 6th characters of Processing Date. |
| Processing CY | $4 | Substring first 4 characters of Processing Date. |
| Provider Catchment Area ID | $4 | See M2 Omni-CAD specification for business rules. |
| Provider Catchment Area Name | $ | See M2 DMISID Index specification for business rules. |
| Provider Catchment Area MSMA | $ | See M2 DMISID Index specification for business rules. |
| Provider Market Area ID | $4 | See M2 Omni-CAD specification for business rules. |
| Provider PRISM Area ID | $4 | See M2 Omni-CAD specification for business rules. |
| Provider PRISM Area Name | $ | See M2 DMIS specification for business rules. |
| Provider PRISM Area MSMA | $ | See M2 DMIS specification for business rules. |
| Pseudo Person ID | $ | Encryption of Person ID. |
| Pseudo Sponsor ID | $ | Encryption of Sponsor ID. |
| Reservist Status Code | $2 | See M2 Reservist specification for business rules. |
| Special HCDP Code | $3 | See M2 HCDP specification for business rules. |
| Special Operations Code | $2 | See M2 Reservist specification for business rules. |
| Sponsor Rank Group | $ | See M2 Levels of Access specification for business rules. |
| TPR Flag | $1 | See M2 Omni-CAD specification for business rules. |
| OHI Flag | $1 | If Amt OHI, Raw > 0, the ‘Y’, else ‘N’ |
| Referral FY | $4 | Fiscal year of referral date |
| Referral FM | $2 | Fiscal month of referral date |
| Referring MTF Name | $ | See M2 DMISID Index specification for business rules. |
| Referring MTF Command | $ | See M2 DMISID Index specification for business rules. |
| Referring MTF Military Service | $1 | See M2 DMISID Index specification for business rules. |
| Referring MTF MSMA | $2 | See M2 DMISID Index specification for business rules. |
| Referring MTF DHP Code | $1 | See M2 DMISID Index specification for business rules. |
| Referring MTF Parent | $4 | See M2 DMISID Index specification for business rules. |
| Referring MTF Parent Name | $ | See M2 DMISID Index specification for business rules. |

1. **Quality Review**

TBD

1. **Special Outputs**

NA

**Appendix A: Estimating M2 Institutional measures to Completion**

Because it takes many years for all claims for a given period of service to be received, adjudicated and posted, most management questions require “completion” of the existing claims to form an estimate of the total claims that occurred for a period. (Those claims already processed can be called “raw”, while those expected to be received are usually termed “incurred but not reported” (IBNR), which summed together make “total”.)

This means that every quantitative element (e.g. admissions, authorized days, bed days, number of births, RWP, amounts allowed, paid, OHI, co-payment, co-insurance/deductible, overall patient paid) in a claim exists as measure (raw) but can also be used to estimate a total. Consequently, each of these variables, though fed only once, appears twice, once as “raw” and once as “total”.

The method used by the M2 to do this is to use a lookup to an IBNR factor table. An IBNR factor is a numeric value between 0 and 1, used to compute total measures by dividing the corresponding raw measure by the factor. There will be a set of 11 IBNR factors for the M2 Institutional table, each corresponding to a different care measurement (e.g.; admissions, bed days) or cost type (e.g.; paid, allowed, cost share). Table A-1 describes the layout of the Institutional IBNR Factor Table.

## Table A-1: HCSR-I IBNR Factor Table Layout

| Name | M2 Name | Format |
| --- | --- | --- |
| IBNR Category | IBNR Category | Integer (1) |
| IBNR Lag | IBNR Lag | Integer (2) |
| IBNR Cost Factor | IBNR Cost Factor | Decimal (7,6) |
| IBNR Work Factor | IBNR Work Factor | Decimal (7,6) |

This method will join the institutional table to the IBNR factor table on the IBNR category and lag value columns.

Institutional IBNR Factors are described in Table A-2.

**Table A-2: Institutional IBNR Categories**

| Category Number | Category | Enrollment Status |
| --- | --- | --- |
| 1 | TFL Institutional | FE or FS |
| 2 | Non-TFL Institutional | Not FE or FS |

The IBNR factor table will contain 60 months of IBNR factors, where lag value is the age of a claim in number of months from end date of care to the current reported as of date plus one month (e.g.; HCSRs reported from the source system on Aug 1st with end date of care in July 2002 the lag value is 1, with end date of care in June lag value is 2, etc.). Completion factors will only be applied when this lag value is greater than 1.

**Appendix B: STATE/COUNTRY CODE CROSSWALK**

| **TED** | **HCSR** | **State / Country Cd Desc** |
| --- | --- | --- |
| ABW | AW | Aruba  |
| AFG | AF | Afghanistan  |
| AGO | AO | Angola  |
| AIA | AI | Anguilla  |
| ALA | AX | Aland Islands |
| ALB | AL | Albania  |
| AND | AD | Andorra  |
| ANT | AN | Netherlands Antilles  |
| ARE | AE | United Arab Emirates  |
| ARG | AR | Argentina  |
| ARM | AM | Armenia  |
| ASM | AS | American Samoa  |
| ATA | AQ | Antarctica  |
| ATF | TF | French Southern Territories  |
| ATG | AG | Antigua And Barbuda  |
| AUS | AU | Australia  |
| AUT | AT | Austria  |
| AZE | AZ | Azerbaijan  |
| BDI | BI | Burundi  |
| BEL | BE | Belgium  |
| BEN | BJ | Benin  |
| BFA | BF | Burkina Faso  |
| BGD | BD | Bangladesh  |
| BGR | BG | Bulgaria  |
| BHR | BH | Bahrain  |
| BHS | BS | Bahamas  |
| BIH | BA | Bosnia And Herzegovina  |
| BLR | BY | Belarus  |
| BLZ | BZ | Belize  |
| BMU | BM | Bermuda  |
| BOL | BO | Bolivia  |
| BRA | BR | Brazil  |
| BRB | BB | Barbados  |
| BRN | BN | Brunei (Darussalam)  |
| BTN | BT | Bhutan  |
| BVT | BV | Bouvet Island  |
| BWA | BW | Botswana  |
| CAF | CF | Central African Republic  |
| CAN | CA | Canada  |
| CCK | CC | Cocos Island (Indian Ocean)  |
| CHE | CH | Switzerland  |
| CHL | CL | Chile  |
| CHN | CN | China(Peoples Republic Of)  |
| CIV | CI | Cote D’Ivoire  |
| CMR | CM | Cameroon  |
| COD | CD | Congo, Democratic Republic-Zaire  |
| COG | CG | Congo  |
| COK | CK | Cook Islands  |
| COL | CO | Colombia  |
| COM | KM | Comoros  |
| CPV | CV | Cape Verde  |
| CRI | CR | Costa Rica  |
| CUB | CU | Cuba  |
| CXR | CX | Christmas Island (Indian Ocean)  |
| CYM | KY | Cayman Islands  |
| CYP | CY | Cyprus  |
| CZE | CZ | Czech Republic  |
| DEU | DE | Germany  |
| DJI | DJ | Djibouti  |
| DMA | DM | Dominica  |
| DNK | DK | Denmark  |
| DOM | DO | Dominican Republic  |
| DZA | DZ | Algeria  |
| ECU | EC | Ecuador  |
| EGY | EG | Egypt  |
| ERI | ER | Eritrea  |
| ESH | EH | Western Sahara  |
| ESP | ES | Spain  |
| EST | EE | Estonia  |
| ETH | ET | Ethiopia  |
| FIN | FI | Finland  |
| FJI | FJ | Fiji  |
| FLK | FK | Falkland Islands (Malvinas)  |
| FRA | FR | France  |
| FRO | FO | Faroe Islands  |
| FSM | FM | Micronesia, Federated States Of  |
| FXX | FX | France Metropolitan  |
| GAB | GA | Gabon  |
| GBR | GB | United Kingdom  |
| GEO | GE | Georgia  |
| GHA | GH | Ghana  |
| GIB | GI | Gibraltar  |
| GIN | GN | Guinea  |
| GLP | GP | Guadeloupe  |
| GMB | GM | Gambia  |
| GNB | GW | Guinea-Bissau  |
| GNQ | GQ | Equatorial Guinea  |
| GRC | GR | Greece  |
| GRD | GD | Grenada  |
| GRL | GL | Greenland  |
| GTM | GT | Guatemala  |
| GUF | GF | French Guiana  |
| GUM | GU | Guam  |
| GUY | GY | Guyana  |
| HKG | HK | Hong Kong  |
| HMD | HM | Heard And Mcdonald Islands  |
| HND | HN | Honduras  |
| HRV | HR | Croatia (Hrvatska)  |
| HTI | HT | Haiti  |
| HUN | HU | Hungary  |
| IDN | ID | Indonesia  |
| IND | IN | India  |
| IOT | IO | British Indian Ocean Territory  |
| IRL | IE | Ireland  |
| IRN | IR | Iran  |
| IRQ | IQ | Iraq  |
| ISL | IS | Iceland  |
| ISR | IL | Israel  |
| ITA | IT | Italy  |
| JAM | JM | Jamaica  |
| JOR | JO | Jordan  |
| JPN | JP | Japan (Includes Ryukyus)  |
| KAZ | KZ | Kazakhstan  |
| KEN | KE | Kenya  |
| KGZ | KG | Kyrgyzstan  |
| KHM | KH | Cambodia (Kampuchea)  |
| KIR | KI | Kiribati  |
| KNA | KN | Saint Christopher – Nevis  |
| KOR | KR | Korea, Republic Of  |
| KWT | KW | Kuwait  |
| LAO | LA | Laos People’s Democratic Republic  |
| LBN | LB | Lebanon  |
| LBR | LR | Liberia  |
| LBY | LY | Libyan Arab Jamahiriya  |
| LCA | LC | Saint Lucia  |
| LIE | LI | Liechtenstein  |
| LKA | LK | Sri Lanka (Ceylon)  |
| LSO | LS | Lesotho  |
| LTU | LT | Lithuania  |
| LUX | LU | Luxembourg  |
| LVA | LV | Latvia  |
| MAC | MO | Macau  |
| MAR | MA | Morocco  |
| MCO | MC | Monaco  |
| MDA | MD | Moldova, Republic Of  |
| MDG | MG | Madagascar  |
| MDV | MV | Maldives  |
| MEX | MX | Mexico  |
| MHL | MH | Marshall Islands  |
| MKD | MK | Macedonia  |
| MLI | ML | Mali  |
| MLT | MT | Malta  |
| MMR | MM | Myanmar  |
| MNG | MN | Mongolia  |
| MNP | MP | Northern Mariana Islands  |
| MOZ | MZ | Mozambique  |
| MRT | MR | Mauritania  |
| MSR | MS | Montserrat  |
| MTQ | MQ | Martinique  |
| MUS | MU | Mauritius  |
| MWI | MW | Malawi  |
| MYS | MY | Malaysia  |
| MYT | YO | Mayotte  |
| NAM | NA | Namibia  |
| NCL | NC | New Caledonia  |
| NER | NE | Niger  |
| NFK | NF | Norfolk Islands  |
| NGA | NG | Nigeria  |
| NIC | NI | Nicaragua  |
| NIU | NU | Niue  |
| NLD | NL | Netherlands  |
| NOR | NO | Norway  |
| NPL | NP | Nepal  |
| NRU | NR | Nauru  |
| NZL | NZ | New Zealand  |
| OMN | OM | Oman  |
| PAK | PK | Pakistan  |
| PAN | PA | Panama  |
| PCN | PN | Pitcairn Islands  |
| PER | PE | Peru  |
| PHL | PH | Philippines  |
| PLW | PW | Palau  |
| PNG | PG | Papua New Guinea  |
| POL | PL | Poland  |
| PRI | PR | Puerto Rico  |
| PRK | KP | Korea, Democratic Peoples’ Republic  |
| PRT | PT | Portugal  |
| PRY | PY | Paraguay  |
| PYF | PF | French Polynesia  |
| QAT | QA | Qatar  |
| REU | RE | Reunion  |
| ROM | RO | Romania  |
| RUS | RS | Russian Federation  |
| RWA | RW | Rwanda  |
| SAU | SA | Saudi Arabia  |
| SCG | CS | Serbia/Montenegro |
| SDN | SD | Sudan  |
| SEN | SN | Senegal  |
| SGP | SG | Singapore  |
| SGS | GS | South Georgia, S. Sandwich Is.  |
| SHN | SH | Saint Helena  |
| SJM | SJ | Svalbard And Jan Mayen Islands  |
| SLB | SB | Solomon Islands  |
| SLE | SL | Sierra Leone  |
| SLV | SV | El Salvador  |
| SMR | SM | San Marino  |
| SOM | SO | Somalia  |
| SPM | PM | Saint Pierre And Miquelon  |
| STP | ST | Sao Tome And Principe  |
| SUR | SR | Suriname  |
| SVK | SK | Slovakia  |
| SVN | SI | Slovenia (Spratly Is. Bfr 6/1/99  |
| SWE | SE | Sweden  |
| SWZ | SZ | Swaziland  |
| SYC | SC | Seychelles Islands  |
| SYR | SY | Syrian Arab Republic  |
| TCA | TC | Turks And Caicos Islands  |
| TCD | TD | Chad  |
| TGO | TG | Togo  |
| THA | TH | Thailand  |
| TJK | TJ | Tajikistan  |
| TKM | TM | Turkmenistan  |
| TMP | TP | East Timor  |
| TTO | TT | Trinidad And Tobago  |
| TUN | TN | Tunisia  |
| TUR | TR | Turkey  |
| TUV | TV | Tuvalu  |
| TWN | TW | Taiwan, Province Of China  |
| TZA | TZ | Tanzania, United Republic Of  |
| UGA | UG | Uganda  |
| UKR | UA | Ukraine  |
| UMI | UM | U.S. Outlying Islands  |
| URY | UY | Uruguay  |
| USA | BQ | United States – Misc (Trm 6/1/99  |
| UZB | UZ | Uzbekistan  |
| VAT | VA | Vatican City  |
| VCT | VC | Saint Vincent And Grenadines  |
| VEN | VE | Venezuela  |
| VGB | VG | Virgin Islands (British)  |
| VIR | VI | Virgin Islands (U.S)  |
| VNM | VN | Vietnam  |
| VUT | VU | Vanuatu  |
| WLF | WF | Wallis And Futuna  |
| WSM | WS | Samoa  |
| YEM | YE | Yemen  |
| YUG | YU | Yugoslavia  |
| ZAF | ZA | South Africa  |
| ZMB | ZM | Zambia  |
| ZWE | ZW | Zimbabwe  |
| AL | 01 | Alabama  |
| AK | 02 | Alaska  |
| AZ | 04 | Arizona  |
| AR | 05 | Arkansas  |
| CA | 06 | California  |
| CO | 08 | Colorado  |
| CT | 09 | Connecticut  |
| DE | 10 | Delaware  |
| DC | 11 | District Of Columbia  |
| FL | 12 | Florida  |
| GA | 13 | Georgia  |
| HI | 15 | Hawaii  |
| ID | 16 | Idaho  |
| IL | 17 | Illinois  |
| IN | 18 | Indiana  |
| IA | 19 | Iowa  |
| KS | 20 | Kansas  |
| KY | 21 | Kentucky  |
| LA | 22 | Louisiana  |
| ME | 23 | Maine  |
| MD | 24 | Maryland  |
| MA | 25 | Massachusetts  |
| MI | 26 | Michigan  |
| MN | 27 | Minnesota  |
| MS | 28 | Mississippi  |
| MO | 29 | Missouri  |
| MT | 30 | Montana  |
| NE | 31 | Nebraska  |
| NV | 32 | Nevada  |
| NH | 33 | New Hampshire  |
| NJ | 34 | New Jersey  |
| NM | 35 | New Mexico  |
| NY | 36 | New York  |
| NC | 37 | North Carolina  |
| ND | 38 | North Dakota  |
| OH | 39 | Ohio  |
| OK | 40 | Oklahoma  |
| OR | 41 | Oregon  |
| PA | 42 | Pennsylvania  |
| RI | 44 | Rhode Island  |
| SC | 45 | South Carolina  |
| SD | 46 | South Dakota  |
| TN | 47 | Tennessee  |
| TX | 48 | Texas  |
| UT | 49 | Utah  |
| VT | 50 | Vermont  |
| VA | 51 | Virginia  |
| WA | 53 | Washington  |
| WV | 54 | West Virginia  |
| WI | 55 | Wisconsin  |
| WY | 56 | Wyoming  |

1. POA fields are tracked by the MCSCs but they are not required to report. At this time, all the POA fields will be hidden. [↑](#footnote-ref-1)