

30 January 2025

TRICARE Encounter Data - Institutional  
(TED-I)  
for the MHS Mart (M2)  
(Version 1.09.06)

Future 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

Version	Date	Originator	Para/Tbl/Fig	Description of Change
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
1.09.02	6/18/2019	W. Funk	• Table 1 • Table 2	• Added med/surg indicator • Added provider MTF Service area and name
1.09.03/4/5	1/16/2025	W. Funk	• Section III and V • Table 1 • Table 2 • Section VIII • Section IX	• Section III and V: Updated processing frequency to weekly • Table 1: Added fields, removed fields and removed hiding from some fields. Clarified which fields are in restricted universe only. • Table 2: Removed the requirement for some fields. • Section VIII: Clarified QA rules. • Section IX: Added MIP Core file
1/09/06	1/30/2025	W. Funk	• Table 1	• Added fields.

## M2 TED Institutional File

### I. SOURCE

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

### II. 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.

### III. 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. If processing times become problematic with weekly refreshes, changes can be made to this schedule in coordination with J5-AED to mitigate.

Back years are processed on an as-needed basis.

Frequency of processing: **Weekly** refreshes.

### IV. 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.

**Weekly** refresh batches include all net institutional records accepted by the TMA-Aurora Claims Acceptance System in the preceding **week** or any record that has changed as a result of MDR processing.

### V. UPDATING THE MASTER TABLES

M2 tables are updated on a **weekly** 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 feed.

### VI. RECORD LAYOUT AND CONTENT

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

Table 1. M2 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. Restricted universe only.

M2 Object	Format	Source Element	Processing Rule/Comments
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')) then paygr = 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'; Only visible in the restricted universe.
Sponsor Service	\$1	sponsvc	No transformation.
Beneficiary Name of Record	\$27	lastname,frstname, midlname	In MDR: Concatenate last name, first name and middle name. Restricted universe only.
Date of Birth	YYYYMMDD	patdob	YYYYMMDD
DDS	\$2	dds	Drop for FY09+. Hide field.
Gender	\$1	patsex	No transformation
Beneficiary Zip Code	\$5	patzip	No transformation.
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.
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.
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

M2 Object	Format	Source Element	Processing Rule/Comments
Procedure 3	\$7	proc3	No transformation
DRG	\$3	ac_drg	No transformation
Type of Sub Code	\$4	typesub	No transformation
Admissions, Raw	\$1	adm	No transformation
Ben Cat Common of Record	\$1	comben	No transformation
Preventable Adm Indicator	\$1	prevadlm	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
Spec Processing Code 2	\$2	sprocd2	No transformation.
Spec Processing Code 3	\$2	sprocd3	No transformation.
Person ID	\$10	edi_pn	No transformation Only 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.
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 1 <sup>st</sup> 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.
MERHCF Flag	\$1	tflflag	No transformation
Acute Care Hospital Indicator	\$1	acute	No transformation
DEERS Enrollment Site	\$4	denrsite	No transformation. Hidden field
ACV	\$4	acv	No transformation. Hidden field.
Beneficiary Category	\$3	bencat	No transformation. Detail description required.
Admitting TED Number	\$24	admtedno	No transformation

M2 Object	Format	Source Element	Processing Rule/Comments
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.
Space Available Flag	\$1	spacea	No transformation
Enrollment Site	\$4	denrsite	No transformation
Network Indicator	\$1	network	No transformation.
Underwritten Region	\$1	underwrt	HIDE Only populated for FY04 and later.
Provisional Acceptance Indicator	\$1	provaccp	No transformation
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.
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. Populated for FY07+
MS-DRG Full RWP, Raw	10.4	msfullrwp	Hide field
Diagnosis 1, POA	\$1	poa1	No transformation
Diagnosis 2, POA	\$1	poa2	No transformation.
Diagnosis 3, POA	\$1	poa3	No transformation.
Diagnosis 4, POA	\$1	poa4	No transformation
Diagnosis 5, POA	\$1	poa5	No transformation.
Diagnosis 6, POA	\$1	poa6	No transformation.
Diagnosis 7, POA	\$1	poa7	No transformation.
Diagnosis 8, POA	\$1	poa8	No transformation.
Diagnosis 9, POA	\$1	poa9	No transformation.
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.
Diagnosis 10	\$7	dx10	No transformation.
Diagnosis 11	\$7	dx11	No transformation.
Diagnosis 12	\$7	dx12	No transformation.

M2 Object	Format	Source Element	Processing Rule/Comments
Diagnosis 10, POA	\$1	poa10	No transformation.
Diagnosis 11, POA	\$1	poa11	No transformation.
Diagnosis 12, POA	\$1	poa12	No transformation.
Pricing Rate Code	\$2	pricert	No transformation.
Enrollment MEPRS Code	\$4	med_home_meprs	No transformation.
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. Detail description required.
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
VAFlag	\$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_t3_reg	No transformation. Hidden field
Enrollment Site T17 Region	\$2	enr_t17_reg	No transformation
Beneficiary T3 Region	\$2	ben_t3_reg	No transformation. Hidden field
Beneficiary T17 Region	\$2	ben_t17_reg	No transformation
Enrollment Site of Record T3 Region	\$2	enr_of_rec_t3_reg	No transformation. Hidden field
Enrollment Site of Record T17 Region	\$2	enr_of_rec_t17_reg	No transformation
Provider T3 Region	\$2	prov_t3_reg	No transformation. Hidden field
Provider T17 Region	\$2	prov_t17_reg	No transformation
Referring MTF T3 Region	\$2	ref_mtf_t3_reg	No transformation. Hidden field
Referring MTF T17 Region	\$2	ref_mtf_t17_reg	No transformation

M2 Object	Format	Source Element	Processing Rule/Comments
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”
Med/Surg Indicator	\$1	msflag	No transformation
PCM NPI	\$10	pcm_npi	No transformation
PCM Name	\$60	pcm_name	No transformation
Enrollment Site T5 Region	\$2	enr_t5_reg	No transformation
Beneficiary T5 Region	\$2	ben_t5_reg	No transformation
Enrollment Site of Record T5 Region	\$2	enr_of_rec_t5_r eg	No transformation
Provider T5 Region	\$2	prov_t5_reg	No transformation
Referring MTFT5 Region	\$2	ref_t5_reg	No transformation
Diagnosis 13	\$7	dx13	No transformation
Diagnosis 14	\$7	dx14	No transformation
Diagnosis 15	\$7	dx15	No transformation
Diagnosis 16	\$7	dx16	No transformation
Diagnosis 17	\$7	dx17	No transformation
Diagnosis 18	\$7	dx18	No transformation
Diagnosis 19	\$7	dx19	No transformation
Diagnosis 20	\$7	dx20	No transformation
Diagnosis 21	\$7	dx21	No transformation
Diagnosis 22	\$7	dx22	No transformation
Diagnosis 23	\$7	dx23	No transformation
Diagnosis 24	\$7	dx24	No transformation
Diagnosis 25	\$7	dx25	No transformation
Diagnosis 13, POA	\$1	poa13	No transformation
Diagnosis 14, POA	\$1	poa14	No transformation
Diagnosis 15, POA	\$1	poa15	No transformation
Diagnosis 16, POA	\$1	poa16	No transformation
Diagnosis 17, POA	\$1	poa17	No transformation
Diagnosis 18, POA	\$1	poa18	No transformation
Diagnosis 19, POA	\$1	poa19	No transformation
Diagnosis 20, POA	\$1	poa20	No transformation

M2 Object	Format	Source Element	Processing Rule/Comments
Diagnosis 21, POA	\$1	poa21	No transformation
Diagnosis 22, POA	\$1	poa22	No transformation
Diagnosis 23, POA	\$1	poa23	No transformation
Diagnosis 24, POA	\$1	poa24	No transformation
Diagnosis 25, POA	\$1	poa25	No transformation
Procedure 7	\$7	proc7	No transformation
Procedure 8	\$7	proc8	No transformation
Procedure 9	\$7	proc9	No transformation
Procedure 10	\$7	proc10	No transformation
Procedure 11	\$7	proc11	No transformation
Procedure 12	\$7	proc12	No transformation
Procedure 13	\$7	proc13	No transformation
Procedure 14	\$7	proc14	No transformation
Procedure 15	\$7	proc15	No transformation
Procedure 16	\$7	proc16	No transformation
Procedure 17	\$7	proc17	No transformation
Procedure 18	\$7	proc18	No transformation
Procedure 19	\$7	proc19	No transformation
Procedure 20	\$7	proc20	No transformation
Procedure 21	\$7	proc21	No transformation
Procedure 22	\$7	proc22	No transformation
Procedure 23	\$7	proc23	No transformation
Procedure 24	\$7	proc24	No transformation
Procedure 25	\$7	proc25	No transformation
Admission from ER Flag	\$1	adm_from_er	No transformation

## VII. 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
ACV Group - Legacy	\$10	Hide, coming from MDR
Admission Diagnosis Desc		Match to the ICD-10-CM Diagnosis Table by Admission FY and Admission Diagnosis.
Admissions, Total	N	See Appendix A.
Age Group Code	\$1	A = 0-4; B = 5-14; C = 15-17; D = 18-24; E = 25-34; F = 35-44; G = 45-64; H = 65+; Z = blank

M2 Object	Format	Processing Rule/Comments
Age Group Common	\$1	Set to Age Group unless H, then H = 65-69; I = 70-74; J = 75-79; K = 80-84; L = 85+; Z = blank
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.
Beneficiary HSSC Region	\$2	Hide field.
Case Management Acuity Level	\$1	See M2 Case Management specification for business rules. <b>Hide field.</b>
Case Management DMIS ID	\$4	See M2 Case Management specification for business rules. <b>Hide field.</b>
Case Manager ID 1	\$14	See M2 Case Management specification for business rules. <b>Hide field.</b>
Case Manager ID 2	\$14	See M2 Case Management specification for business rules. <b>Hide field.</b>
Case Manager ID 3	\$14	See M2 Case Management specification for business rules. <b>Hide field.</b>
Catchment Area ID	\$4	Aggregate sponsor service to Army, Air Force (Air Force and Space Force), Navy (Navy, Marines and Navy Afloat) and other. Then match by FY, FM and aggregated sponsor service to the M2 Market Table and retrieve catchment area ID.
Catchment Area Name	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve name
Catchment Area Command	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve command
Catchment Area Military Service	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve military service
<b>Catchment Area Network</b>	<b>\$</b>	<b>Match to M2 DMIS ID Table by FY and catchment area ID and retrieve network</b>
Catchment Area Readiness Command	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve readiness command

M2 Object	Format	Processing Rule/Comments
Catchment Area Readiness Service	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve readiness service
Catchment Area MSMA	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve MSMA. <b>Hide field.</b>
Catchment Area Base Market Code	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve base market code. <b>Hide field.</b>
Catchment Area Expanded Market Code	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve expanded market name. <b>Hide field.</b>
Catchment Area Market Name	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve catchment area market name. <b>Hide field.</b>
Catchment Area Reporting Market Code	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve reporting market code. <b>Hide field.</b>
Catchment Area Reporting Market Name	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve market name. <b>Hide field</b>
Catchment Area Type of Market Code	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve type of market code. <b>Hide field</b>
Catchment Area Type of Market Name	\$	Match to M2 DMIS ID Table by FY and catchment area ID and retrieve type of market name. <b>Hide field.</b>
Cumulative OCO Days Deployed	N	See M2 CTS table specification for business rules. <b>Hide field.</b>
Days Since Most Recent OCO Depl	N(5)	See M2 CTS specification for business rules. This is a measure. <b>Hide field.</b>
Days Since Retrun from OCO Depl	N(5)	This is a dimension. See M2 CTS Specification for business rules. <b>Hide field.</b>
DRG Desc	\$	Join to DRG reference table by FY and DRG and retrieve description.
Enrollment Site Name	\$	Match to DMIS ID table by FY and Enrollment site and retrieve name
Enrollment Site Command	\$	Match to DMIS ID table by FY and Enrollment site and retrieve command
Enrollment Site Financial Parent	\$	Match to DMIS ID table by FY and Enrollment site and retrieve financial parent
Enrollment Site Financial Parent Name	\$	Match to DMIS ID table by FY and Enrollment site financial parent and retrieve name
Enrollment Site DHP Code	\$1	Match to DMIS ID table by FY and Enrollment site and retrieve DHP code

M2 Object	Format	Processing Rule/Comments
Enrollment Site Military Svc	\$	Match to DMIS ID table by FY and Enrollment site and retrieve military service
Enrollment Site MSMA	\$3	Match to DMIS ID table by FY and Enrollment site and retrieve MSMA. <b>Hide field.</b>
<b>Enrollment Site Network</b>	<b>\$</b>	<b>Match to DMIS ID table by FY and Enrollment site and retrieve network</b>
Enrollment Site Parent	\$4	Match to DMIS ID table by FY and Enrollment site and retrieve parent
Enrollment Site Parent Name	\$	Match to DMIS ID table by FY and Enrollment site parent and retrieve name
Enrollment Site Readiness CMD	\$	Match to DMIS ID table by FY and Enrollment site and retrieve command
Enrollment Site Readiness Service	\$	Match to DMIS ID table by FY and Enrollment site and retrieve service
Enrollment Site Readiness Parent	\$4	Match to DMIS ID table by FY and Enrollment site and retrieve readiness parent
<b>Enrollment Site Readiness Parent Name</b>	<b>\$</b>	<b>Match to DMIS ID table by FY and Enrollment site parent and retrieve name</b>
<b>Enrollment Site Region</b>	<b>\$2</b>	<b>Hide field.</b>
Enrollment Site Base Market Code	\$	Match to DMIS ID table by FY and Enrollment site and retrieve base market code. <b>Hide field.</b>
Enrollment Site Expanded Market Code	\$	Match to DMIS ID table by FY and Enrollment site and retrieve expanded market code. <b>Hide field</b>
Enrollment Site Market Name	\$	Match to DMIS ID table by FY and Enrollment site and retrieve market name. <b>Hide field</b>
Enrollment Site Reporting Market Code	\$	Match to DMIS ID table by FY and Enrollment site and retrieve reporting market code. <b>Hide field.</b>
Enrollment Site Reporting Market Name	\$	Match to DMIS ID table by FY and Enrollment site and retrieve reporting market name. <b>Hide field.</b>
Enrollment Site Type of Market Code	\$	Match to DMIS ID table by FY and Enrollment site and retrieve type of market code. <b>Hide field.</b>
Enrollment Site Type of Market Name	\$	Match to DMIS ID table by FY and Enrollment site and retrieve type of market name. <b>Hide field.</b>
Enrollment Site of Record Name	\$	Match to DMIS ID table by FY and Enrollment site of record and retrieve name

M2 Object	Format	Processing Rule/Comments
Enrollment Site of Record Command	\$	Match to DMIS ID table by FY and Enrollment site of record and retrieve command
Enrollment Site of Record DHP Code	\$1	Match to DMIS ID table by FY and Enrollment site of record and retrieve DHP code
Enrollment Site of Record Mil Svc	\$	Match to DMIS ID table by FY and Enrollment site of record and retrieve military service
Enrollment Site of Record MSMA	\$3	Match to DMIS ID table by FY and Enrollment site of record and retrieve MSMA. Hide field.
Enrollment Site of Record Parent	\$4	Match to DMIS ID table by FY and Enrollment site of record and retrieve parent
Enrollment Site of Record Parent Nm	\$	Match to DMIS ID table by FY and Enrollment site of record parent and retrieve name
Enrollment Site of Record Network	\$	Match to DMIS ID table by FY and Enrollment site of record and retrieve network
Ever Deployed Flag (OCO)	\$1	See M2 CTS table specification for business rules. Hide field
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. Hide field.
Length of Stay	\$	Dimension
Market Area ID	\$3	Match to M2 Market Table by FY, FM and beneficiary zip code and where Service = O and retrieve Market Area ID
MS-DRG Description	\$	Join to MS-DRG reference table by FY and MS-DRG and retrieve description
MS-DRG Full RWP, Total	N	See Appendix A. Hide field in m2 Universe - never populated
MS-DRG RWP, Total	N	See Appendix A.
MTF Service Area	\$4	Aggregate sponsor service to Army, Air Force (Air Force and Space Force), Navy (Navy, Marines and Navy Afloat) and other. Then match by FY, FM and aggregated sponsor service to the M2 Market Table and retrieve MTF Service Area ID
MTF Service Area Name	\$	Match to DMIS ID table by FY and MTF Service Area and retrieve name

M2 Object	Format	Processing Rule/Comments
MTF Service Area Network	\$	Match to DMIS ID table by FY and MTF Service Area and retrieve network. <b>Hide field.</b>
MTF Service Area Base Market Code	\$	Match to DMIS ID table by FY and MTF Service Area and retrieve base market code. <b>Hide field.</b>
MTF Service Area Expanded Market Code	\$	Match to DMIS ID table by FY and MTF Service Area and retrieve expanded market code. <b>Hide field.</b>
MTF Service Area Reporting Market Code	\$	Match to DMIS ID table by FY and MTF Service Area and retrieve reporting market code. <b>Hide field.</b>
MTF Service Area Type of Market Code	\$	Match to DMIS ID table by FY and MTF Service Area and retrieve type of market code. <b>Hide field.</b>
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.
Number of Claims, Total	N	See Appendix A.
OCO Deployed Flag	\$1	See M2 CTS table specification for business rules. <b>Hide field</b>
OHI Flag	\$1	If Amt OHI, Raw > 0, the 'Y', else 'N'
PPS Enr Parent Site	\$4	Match to DMIS ID table by FY and Enrollment Site and retrieve PPS Parent
PPS Enr Parent Site Name	\$	Match to DMIS ID table by FY and PPS Enrollment Parent and retrieve name
Prime Service Area	\$1	Match to M2 Market Table by FY, FM and beneficiary zip code and where Service = O and retrieve Prime Service Area.
PRISM Area ID	\$4	Aggregate sponsor service to Army, Air Force (Air Force and Space Force), Navy (Navy, Marines and Navy Afloat) and other. Then match by FY, FM and aggregated sponsor service to the M2 Market Table and retrieve PRISM Area ID
PRISM Area Base Market Code	\$	Match to DMIS ID table by FY and PRISM Area and retrieve base market code. <b>Hide field.</b>
PRISM Area Expanded Market Code	\$	Match to DMIS ID table by FY and PRISM Area and retrieve expanded market code. <b>Hide field.</b>
PRISM Area Market Name	\$	Match to DMIS ID table by FY and PRISM Area and retrieve market name. <b>Hide field.</b>
PRISM Area Reporting Market Code	\$	Match to DMIS ID table by FY and PRISM Area and retrieve reporting market code. <b>Hide field.</b>

M2 Object	Format	Processing Rule/Comments
PRISM Area Reporting Market Name	\$	Match to DMIS ID table by FY and PRISM Area and retrieve reporting market name. <b>Hide field.</b>
PRISM Area Type of Market Code	\$	Match to DMIS ID table by FY and PRISM Area and retrieve type of market code. <b>Hide field.</b>
PRISM Area Type of Market Name	\$	Match to DMIS ID table by FY and PRISM Area and retrieve type of market name. <b>Hide field.</b>
PRISM Area Name	\$	Match to DMIS ID table by FY and PRISM Area and retrieve name.
PRISM Area Command	\$	Match to DMIS ID table by FY and PRISM Area and retrieve command
PRISM Area Military Service	\$	Match to DMIS ID table by FY and PRISM Area and retrieve military service
PRISM Area Network	\$	Match to DMIS ID table by FY and PRISM Area and retrieve network
PRISM Area MSMA	\$3	Match to DMIS ID table by FY and PRISM Area and retrieve MSMA. <b>Hide field.</b>
PRISM Area Readiness CMD	\$	Match to DMIS ID table by FY and PRISM Area and retrieve readiness command.
PRISM Area Readiness Service	\$1	Match to DMIS ID table by FY and PRISM Area and retrieve readiness service
Processing CM	\$2	Substring 5 <sup>th</sup> and 6 <sup>th</sup> characters of Processing Date.
Processing CY	\$4	Substring first 4 characters of Processing Date.
Provider Catchment Area ID	\$4	Match by FY, FM and provider zip to the M2 Market Table and retrieve catchment area ID where service = O
Provider Catchment Area Name	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve name
Provider Catchment Area MSMA	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve MSMA. <b>Hide field.</b>
Provider Catchment Area Network	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve network
Provider Catchment Area Readiness CMD	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve readiness command
Provider Catchment Area Readiness Service	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve readiness service
Provider Catchment Area Base Market Code	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve base market code. <b>Hide field.</b>

M2 Object	Format	Processing Rule/Comments
Provider Catchment Area Expanded Market Code	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve expanded market code. <b>Hide field.</b>
Provider Catchment Area Market Name	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve market name. <b>Hide field.</b>
Provider Catchment Area Reporting Market Name	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve reporting market name. <b>Hide field.</b>
Provider Catchment Area Type of Market Code	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve type of market code. <b>Hide field.</b>
Provider Catchment Area Type of Market Name	\$	Match to DMIS ID table by FY and Provider Catchment area and retrieve type of market name. <b>Hide field.</b>
<b>Provider Catchment HSSC Region</b>	<b>\$</b>	<b>Hide field.</b>
Provider Market Area ID	\$4	Match to the M2 Market Table by provider zip code, FY and FM and retrieve market area ID where service = O
Provider MTF Service Area	\$4	Match to the M2 Market Table by provider zip code, FY and FM and retrieve MTF Service Area where service = O
Provider MTF Service Area Name	\$	Match to DMIS ID table by FY and Provider MTF Service area and retrieve name
Provider PRISM Area ID	\$4	Match by FY, FM and provider zip to the M2 Market Table and retrieve PRISM area ID where service = O
Provider PRISM Area Name	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve name
Provider PRISM Area MSMA	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve MSMA. <b>Hide field.</b>
Provider PRISM Area Network	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve network
Provider PRISM Area Readiness CMD	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve readiness command
Provider PRISM Area Readiness Service	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve readiness service
Provider PRISM Area Base Market Code	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve base market code. <b>Hide field.</b>
Provider PRISM Area Expanded Market Code	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve expanded market code. <b>Hide field.</b>

M2 Object	Format	Processing Rule/Comments
Provider PRISM Area Market Name	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve market name. <b>Hide field.</b>
Provider PRISM Area Reporting Market Code	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve reporting market code. <b>Hide field.</b>
Provider PRISM Area Reporting Market Name	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve reporting market name. <b>Hide field.</b>
Provider PRISM Area Type of Market Code	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve type of market code. <b>Hide field.</b>
Provider PRISM Area Type of Market Name	\$	Match to DMIS ID table by FY and Provider PRISM area and retrieve type of market name. <b>Hide field.</b>
Provider Tax ID/Zip/Multi ID/Specialty	\$	Concatenate fields in the name.
Pseudo Person ID	\$	Encryption of Person ID.
Pseudo Sponsor ID	\$	Encryption of Sponsor ID.
Pesude Person ID/Begin Date of Care	\$	Concatenate fields in the name
Pseudo Person ID/End Date of Care	\$	Concatenate fields in the name
Referral FY	\$4	Fiscal year of referral date
Referral FM	\$2	Fiscal month of referral date
Referring MTF Name	\$	Match to DMIS ID table by FY and referring MTF and retrieve name.
Referring MTF Command	\$	Match to DMIS ID table by FY and referring MTF and retrieve command
Referring MTF DHP Code	\$1	Match to DMIS ID table by FY and referring MTF and retrieve DHP Code
Referring MTF Financial Parent	\$	Match to DMIS ID table by FY and referring MTF and retrieve financial parent
Referring MTF Financial Parent Name	\$	Match to DMIS ID table by FY and referring MTF financial parent and retrieve name.
Referring MTF Military Service	\$1	Match to DMIS ID table by FY and referring MTF and retrieve military service
Referring MTF Network	\$	Match to DMIS ID table by FY and referring MTF and retrieve network
Referring MTF MSMA	\$2	See M2 DMISID Index specification for business rules. <b>Hide field.</b>
Referring MTF Readiness CMD	\$	Match to DMIS ID table by FY and referring MTF and retrieve readiness command
Referring MTF Readiness Service	\$	Match to DMIS ID table by FY and referring MTF and retrieve readiness service
Referring MTF Readiness Parent	\$	Match to DMIS ID table by FY and referring MTF and retrieve readiness parent

M2 Object	Format	Processing Rule/Comments
Referring MTF Readiness Parent Name	\$	Match to DMIS ID table by FY and referring MTF readiness parent and retrieve name <b>Hide field.</b>
Referring MTF Base Market Code	\$	Match to DMIS ID table by FY and referring MTF and retrieve base market code <b>Hide field.</b>
Referring MTF Expanded Market Code	\$	Match to DMIS ID table by FY and referring MTF and retrieve expanded market code <b>Hide field.</b>
Referring MTF Market Name	\$	Match to DMIS ID table by FY and referring MTF and retrieve market name <b>Hide field.</b>
Referring MTF Reporting Market Code	\$	Match to DMIS ID table by FY and referring MTF and retrieve reporting market code <b>Hide field.</b>
Referring MTF Reporting Market Name	\$	Match to DMIS ID table by FY and referring MTF and retrieve reporting market name <b>Hide field.</b>
Referring MTF Type of Market Code	\$	Match to DMIS ID table by FY and referring MTF and retrieve type of market code <b>Hide field.</b>
Referring MTF Type of Market Name	\$	Match to DMIS ID table by FY and referring MTF and retrieve type of market name <b>Hide field.</b>
Referring MTF Parent	\$4	Match to DMIS ID table by FY and referring MTF and retrieve parent
Referring MTF Parent Name	\$	Match to DMIS ID table by FY and referring MT parent and retrieve name.
Reservist Status Code	\$2	See M2 Reservist specification for business rules.
RWP, Total	N	See Appendix A.
Special HCDP Code	\$3	See M2 HCDP specification for business rules. <b>Hide field.</b>
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	Match to M2 Market Table by FY, FM and beneficiary zip code and where Service = O and retrieve TPR Flag

## VIII. QUALITY REVIEW

- The total record counts should be checked against a report of actual counts from the MDR. Record counts should match exactly. This check should be done every time the TED-I file is updated in M2.
- The first and last 10 records in the files should be visually inspected to ensure proper formatting during any development process.

- Any new requirements for derived fields should (before implementation) be either checked to ensure an exact match with the MDR or verified with the specification author that the logic is working correctly.

## IX. SPECIAL OUTPUTS

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

## 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 1<sup>st</sup> 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

TED	HCSR	State / Country Cd Desc
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

TED	HCSR	State / Country Cd Desc
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

TED	HCSR	State / Country Cd Desc
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.

TED	HCSR	State / Country Cd Desc
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

TED	HCSR	State / Country Cd Desc
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

TED	HCSR	State / Country Cd Desc
WA	53	Washington
WV	54	West Virginia
WI	55	Wisconsin
WY	56	Wyoming