

Comprehensive Ancillary Data Record Extract (CADRE)
Laboratory Orders
for the MHS Mart (M2)
(Version 1.01.20)

Future Specification

Revision History

Version	Date	Originator	Para/Tbl/Fig	Description of Change
1.00.00	03/11/2016	S. Keane		Original.
1.00.01	05/12/2016	S. Keane	Table 2	Changes to MDR-M2 Feed Remove/Delete: Appointment Match Indicator Certifying Provider IEN DEERS Match Flag MEPRS Parent MPI Status Flag Ordering Provider IEN Patient IEN Purchased Service Facility ID Purchased Service Facility ID Type Code Remove Restriction on: Certifying Provider NPI Ordering Provider NPI
1.00.02	05/13/2016	S. Keane	Table 2	Format Inpatient Record ID so it matches SIDR format.
1.00.03	06/01/2016	S. Keane	Table 2	Format count, drvcount, patage as numeric.
1.00.04	11/08/2017	S. Keane		<ul style="list-style-type: none"> Add new fields related to NDAA 2017, region transition Hide obsolete fields Rename fields
1.00.05	09/18/2018	S. Keane	Entire Document	<ul style="list-style-type: none"> Routine Maintenance.
1.00.06	09/20/2018	B. Ross	Table 2	<ul style="list-style-type: none"> Change ACV Group Business Rule.
1.00.07	01/11/2019	S. Keane	Table 3	<ul style="list-style-type: none"> Add concatenation of Ordering Site with Inpatient Record ID and Appointment Record ID.
1.01.00	03/08/2019	S. Keane	Section I and Table 2	<ul style="list-style-type: none"> Changes to MDR-M2 Feed to merge CHCS and Genesis Lab data.
1.01.01	04/23/2019	S. Keane	Table 2	<ul style="list-style-type: none"> Standardize MHS GENESIS Variable Names.
1.01.02	05/02/2019	S. Keane	Table 2	<ul style="list-style-type: none"> Add Encounter_key; remove Encounter_Nk; Add Order_SK as separate field. Standardize MHS GENESIS Variable Names.
1.01.03	05/13/2019	S. Keane	Table 2	<ul style="list-style-type: none"> Per M. Patel for M2, update Eligibility Group, Enrollment Group, PowerInsight Encounter ID GENESIS, and GENESIS Flag. Remove from feed GENESIS Encounter Key (Primary).
1.01.04	05/24/2019	S. Keane	Table 2	<ul style="list-style-type: none"> Update business rule for Accession; update length of Test Ordered Desc GENESIS.
1.01.05	12/23/2019	Y. Alexander for S. Keane	Table 2 and Table 3	<ul style="list-style-type: none"> Add Pseudo MRN GENESIS. Add 42 Market Code and Readiness Fields, for FY18 and later.
1.01.06	02/13/2020	S. Keane	Table 2	<ul style="list-style-type: none"> Remove Status Code. Add MTF Nurse Unit Location GENESIS, Repeat Test Flag GENESIS, and Number of Orders.
1.01.07	02/25/2020	S. Keane	Table 2	<ul style="list-style-type: none"> Remove Space Available Flag. Update Number of Orders and Repeat Test Flag GENESIS
1.01.08	3/18/2020	S. Keane	Table 2	<ul style="list-style-type: none"> Add Standardized Test Name
1.01.09	4/20/2020	S. Keane	Table 2	<ul style="list-style-type: none"> Add Result Name, Result Numeric, and Result Text
1.01.10	6/19/2020	Y. Alexander for S. Keane	Table 2 and Table 3	Add several fields. Update length of PRN.
1.01.11	6/30/2020	S. Keane	Table 2	Add Reason for Test
1.01.12	9/3/2020	S. Keane	Table 2	Match variable names to MDR names. Remove FMP.

Version	Date	Originator	Para/Tbl/Fig	Description of Change
1.01.13	06/30/2021	S. Keane	Table 2, Table 3, Section VI	<ul style="list-style-type: none"> Update M2 location and rename class from CADRE to Laboratory and Radiology. Add Market Transition Date. Add descriptions for HIPAA Taxonomy Codes, Enrollment Groups, and Eligibility Groups. Specify lengths of Inpatient Record ID, Ordering Site ID/InPatient Record ID, and Tmt DMIS ID/InPatient Record ID.
1.01.14	05/02/2022	S. Keane	Table 2	Cleanup: Specify decimal precision for cost/rvu variables.
1.01.15	05/31/2022	S. Keane	Table 2	Cleanup: Specify decimal precision for numeric result variable(s).
1.01.16	01/20/2025	S. Keane	Table 2, Table 3, Section VI and Section VII	Hide four T3 Region fields. Add four T5 Region fields. Add five Network fields. Add Section VII: Special Outputs. Remove five Case Management fields. Remove five MSMA fields. Remove 15 Market Name fields. Remove 20 Market Code fields. Specify ETL derived variables. Remove "CADRE" from M2 Location.
1.01.17	03/20/2025	S. Keane	Table 2	Add new variable Procedure Code Is Charged.
1.01.18	05/06/2025	S. Keane	Table 2	Hide Reason for Test.
1.01.19	05/14/2025	S. Keane	Table 2	Update Ordering Provider and Certifying Provider fields
1.01.20	07/24/2025	S. Keane	Table 2	Removed: MTF Service Area Base Market Code MTF Service Area Expanded Market Code MTF Service Area Reporting Market Code MTF Service Area Type of Market Code

Comprehensive Ancillary Data Record Extract (CADRE) Laboratory Orders for M2

- I. **Source:** The most recent MDR CADRE Laboratory Enhanced and MDR Genesis Laboratory files are the sources. The MDR will merge the two source files into a single feed for M2.
- II. **File Format:** Regardless of the length specified, all fields are variable length and delimited by “|”.
- III. **Record Selection:** Only FY12 and forward will be sent to M2. Two files will be received by M2. The record key for both files is the Record ID (M2KEY) which is a sequentially assigned number, encoded to base 62 to save space, and continues across Fiscal Years.

The first file is the “Delete” file; it specifies which records (if any) to remove. The “Delete” file applies to all records with matching Record ID (M2KEY). Use the delete file to purge/remove existing records PRIOR to loading the Append file. The delete file contains only the record key, Record ID (M2KEY). See Table 1 in Section V below.

The second file is the “Append” file; it contains records to be added to the M2 CADRE LAB Table. See Table 2 in Section V below.

- IV. **Refresh Batches:** Batches are by Fiscal Year. The Fiscal Year is included in the feed and can be determined by the Date of Service (SERVDATE) field.
Frequency of updates:
 - Current Fiscal Year: Monthly.
 - Prior Fiscal Year: Semi-annually.
 - All Years Prior to Prior Fiscal Year: Annually (October).
 Any year refreshed in the MDR should automatically trigger a refresh of the same year’s table in the MHS Mart (M2).
- V. **MDR Feed to M2:** Table 1 includes layout for the “Delete” file and Table 2 includes all fields received or derived in the MDR that are fed to M2.

Table 1. “Delete” File Layout

M2 Object	Format	MDR Element Name	Business Rule
Record ID	Char(6)	M2KEY	None.

Table 2. “Append” File Layout and Content from MDR to M2

M2 Object	Format	MDR CHCS SAS Name	MDR GENESIS SAS Name	Business Rule
Record ID	Char(6)	M2KEY	M2KEY	CHCS: None. GENESIS: Derive.
Accession Number	Char(17)	ACCESSNO	ACCESSION	CHCS: None. GENESIS: Trim two leading zeros so length is 17.
ACV	Char(1)	ACV	ACV_D	None.
ACV Group	Char(15)	ACVGROUP	ACVGROUP	None.
Age	Num(8,0)	PATAGE	PATAGE	None.
Age Group Common	Char(1)	AGEGROUP	AGEGRP	None.

M2 Object	Format	MDR CHCS SAS Name	MDR GENESIS SAS Name	Business Rule
AP Indicator	Char(1)	AP	n/a	CHCS: None. GENESIS: If ACTIVITY_TYPE = 'Patho/Lab' then AP = 'Y'; else AP = 'N'.
Appointment Record ID	Char(10)	APPTNO	ENCOUNTER_SK	CHCS: Remove leading and trailing blanks. GENESIS: First 10 digits of ENCOUNTER_SK where RECORD_TYPE_FLAG = "ENCOUNTER LAB".
Ben Cat Common	Char(1)	COMBEN	COMBEN_D	None.
Beneficiary Category	Char(3)	BENCAT	BENCAT_D	None.
Beneficiary Zip Code	Char(5)	PATZIP	ZIP_D	None.
Catchment Area ID	Char(4)	CATCH	CATCH	None.
Certifying Provider EDIPN	Char(10)	CPEDIPN	PRSNL_COMPL_EDIPN	Only visible in the restricted universe.
Certifying Provider HIPAA Taxonomy	Char(10)	CPHIPAA	PRSNL_COMPL_HIPAA	None.
Certifying Provider NPI	Char(10)	CPNPI	PRSNL_COMPL_NPI	None.
Certifying Provider SSN	Char(9)	CPSSN	n/a	Only visible in the restricted universe.
CHCS Host DMIS ID	Char(4)	CHCSDMIS	n/a	CHCS: None. GENESIS: Set to "GEN".
CM	Char(2)	CM	CM	None.
CY	Char(4)	CY	CY	None.
Date of Birth	yyyymmdd	DOB	PATDOB	CHCS: None. GENESIS: Convert to yymmdd.
Date of Collection/Exam	yyyymmdd	EXAMDATE	COMPLETED_DT_TM_LOCAL	CHCS: None. GENESIS: Convert to yymmdd.
Date of Order	yyyymmdd	ORDDATE	ORDER_DT_TM_LOCAL	CHCS: None. GENESIS: Convert to yymmdd.
Enrollment MEPRS Code	Char(4)	MED_HOME_MEPRS	n/a	CHCS: None. GENESIS: Set to null.
Enrollment Site	Char(4)	ENRDMIS	MTF_ENR	None.
External Indicator	Char(1)	EXTERNAL	n/a	CHCS: None. GENESIS: Set to null.
External LAB Type	Char(1)	EXTYPE	n/a	CHCS: None. GENESIS: Set to null.
FM	Char(2)	FM	FM	None.
FY	Char(4)	FY	FY	None.
Full Cost	Num(17,2)	FULLCOST	n/a	CHCS: None. GENESIS: Set to zero.
Gender	Char(1)	SEX	GENDER_D	None.
HCDP - Enrolled	Char(3)	HCDPLVM4	HCDP	None.
Inactive CPT Code Indicator	Char(1)	NACTCPT	NACTCPT	None.
Inpatient Indicator	Char(1)	INPT	INPT	None.
Inpatient Record ID	Char(10)	PRN	n/a	CHCS: Remove leading and trailing blanks. Add leading zeros. GENESIS: First 10 digits of ENCOUNTER_SK where INPT = 'Y'.

M2 Object	Format	MDR CHCS SAS Name	MDR GENESIS SAS Name	Business Rule
Lab Test Name	Char(40)	LABTEST	ORDERABLE_DISP	CHCS: None. GENESIS: First 40 characters of ORDERABLE_DISP.
Laboratory Flag	Char(1)	LABFLAG	n/a	CHCS: None. GENESIS: Set to null.
Medicare Eligibility	Char(1)	MEDELG	MEDICARE_FLAG	None.
MEPRS4 Code, Ordering	Char(4)	MEPRSCD	MEPRS_CD	None.
Number of Services	Num(8,0)	DRVCOUNT	DRVCOUNT	None.
Number of Services of Record	Num(8,0)	COUNT	COUNT	None.
Order ID	Char(12)	ORDERID	ORDER_SK	None.
Ordering Provider EDIPN	Char(10)	OPEDIPN	PROV_ORD_EDIPN, PRSNL_ORD_EDIPN	Only visible in the restricted universe. CHCS: None. GENESIS: coalescec(prov_ord_edipn, prsnl_ord_edipn).
Ordering Provider HIPAA Taxonomy	Char(10)	OPHIPAA	PROV_ORD_HIPAA, PRSNL_ORD_HIPAA	CHCS: None. GENESIS: coalescec(prov_ord_hipaa, prsnl_ord_hipaa).
Ordering Provider NPI	Char(10)	OPNPI	PROV_ORD_NPI, PRSNL_ORD_NPI	CHCS: None. GENESIS: coalescec(prov_ord_npi, prsnl_ord_npi).
Ordering Provider SSN	Char(9)	OPSSN	n/a	Only visible in the restricted universe.
Ordering Site of Record	Char(4)	ORDDMIS	MTF	None.
Other Insurance	Char(1)	OHI	n/a	CHCS: None. GENESIS: Set to null.
PATCAT Subcategory	Char(1)	PATCAT2	n/a	CHCS: None. GENESIS: Set to null.
Patient Category Code	Char(3)	PATCAT	PATCAT	None.
Patient SSN	Char(9)	PATSSN	SSN	Only visible in the restricted universe.
Patient SSN Type Code	Char(1)	PATSSNTYP	n/a	CHCS: None. GENESIS: Set to "S". Only visible in the restricted universe.
PCM ID	Char(18)	PCMID	PCM_ID	None.
Performing CMAC Locality Code	Char(3)	CMACCD	n/a	CHCS: None. GENESIS: Set to Null or Derive.
Person Association Reason Code	Char(2)	PARC	PARC	None.
Person ID	Char(10)	EDIPN	EDIPN	Only visible in the restricted universe.
PRISM Area ID	Char(4)	PRISM	PRISM	None.
Privilege Code	Char(1)	PRIVCODE	PRIVILEGE	None.
Procedure Code	Char(5)	CPT	CPT	None.
Procedure Code Modifier 1	Char(2)	CPTMOD	CPTMOD	None.
Procedure Code Modifier 2	Char(2)	MOD	n/a	CHCS: None. GENESIS: Set to Null.
Relationship to Sponsor	Char(1)	REL	REL	None.
RVU, Facility	Num(16,4)	FPRVU	FPRVU	None.

M2 Object	Format	MDR CHCS SAS Name	MDR GENESIS SAS Name	Business Rule
RVU, Non-Facility	Num(16,4)	NPRVU	NPRVU	None.
RVU, Total	Num(16,4)	RVU	RVU	None.
RVU, Work	Num(16,4)	RVUWORK	RVUWORK	None.
Service Date	yyyymmdd	SERVDATE	SERVICE_DT_TM_LOCAL	CHCS: None. GENESIS: Convert to yymmdd.
Special Operations Code	Char(2)	SOC	n/a	CHCS: None. GENESIS: Set to null.
Sponsor ID	Char(9)	SPONSSN	SPONSSN	Only visible in the restricted universe.
Sponsor Service	Char(1)	SVC	SPONSVC	None.
Sponsor Service, Aggregate	Char(1)	SVCAGG	SVCAGG	None.
Tmt DMIS ID	Char(4)	TMTDMIS	MTF_RESULTED	None.
Tmt DMIS ID Military Service	Char(1)	TMTSVC	MTF_SVC	None.
Tmt Parent DMIS ID	Char(4)	PDMIS	MTF_PARENT_REC	None.
TPR Eligibility Flag	Char(1)	TPRELIG	TPR	None.
TPR Flag	Char(1)	TPRFLAG	TPRFLAG	None.
Variable Cost	Num(16,2)	VARCOST	n/a	CHCS: None. GENESIS: Set to zero.
Eligibility Group	Char(1)	ELG_GRP	ELG_GRP	None.
Enrollment Group	Char(1)	ENR_GRP	ENR_GRP	None.
Enrollment PCM Type Code	Char(1)	PCM_TYPE	PCM_TYPE	None.
HCDP - Assigned	Char(3)	HCDP_ASSGN	HCDP_ASSGN	None.
Enrollment Site T3 Region	Char(2)	ENR_T3_REG	MTF_ENR_T3_REG	Hide.
Enrollment Site T17 Region	Char(2)	ENR_T17_REG	MTF_ENR_T17_REG	None.
Beneficiary T3 Region	Char(2)	BEN_T3_REG	BEN_T3_REG	Hide.
Beneficiary T17 Region	Char(2)	BEN_T17_REG	BEN_T17_REG	None.
Tmt DMIS ID T3 Region	Char(2)	MTF_T3_REG	MTF_T3_REG	Hide.
Tmt DMIS ID T17 Region	Char(2)	MTF_T17_REG	MTF_T17_REG	None.
Ordering Site of Record T3 Region	Char(2)	ORD_T3_REG	OMTF_T3	Hide.
Ordering Site of Record T17 Region	Char(2)	ORD_T17_REG	OMTF_T17	None.
Millennium Order ID GENESIS	Char(22)	n/a	ORDER_SK	CHCS: Set to Null. GENESIS: Set length to 22.
Millennium Encounter ID GENESIS	Char(22)	n/a	ENCOUNTER_SK	CHCS: Set to Null. GENESIS: Set length to 22.
PowerInsight Encounter ID GENESIS	Char (22)	n/a	ENCOUNTER_KEY	CHCS: Set to Null. GENESIS: None.
Encounter Type GENESIS	Char(22)	n/a	ENCOUNTER_TYPE	CHCS: Set to Null. GENESIS: None.
FIN GENESIS	Char(40)	n/a	FIN_E	CHCS: Set to Null. GENESIS: None.

M2 Object	Format	MDR CHCS SAS Name	MDR GENESIS SAS Name	Business Rule
Go Live Date GENESIS	yyyymmdd	n/a	GEN_BEGIN_DT	CHCS: Set to Null. GENESIS: Format yyyymmdd.
MRN GENESIS	Char(40)	n/a	MRN	CHCS: Set to Null. GENESIS: None.
GENESIS Flag	Char(1)	n/a	MHS_GENESIS_FLAG	CHCS: Set to "0". GENESIS: Per M. Patel, change "Y" to 1 and "N" to 0.
Test Ordered Desc GENESIS	Char(100)	n/a	ORDERABLE_DISP	CHCS: Set to Null. GENESIS: None.
MTF Name GENESIS	Char(40)	n/a	UNIT_NAME	CHCS: Set to Null. GENESIS: Set length to 40.
Order Time GENESIS	Char(5)	n/a	ORDER_TM	CHCS: Set to null. GENESIS: Convert to "HH:MM" from ORDER_DT_TM_LOCAL.
Service Time GENESIS	Char(5)	n/a	SERVICE_TM	CHCS: Set to Null. GENESIS: Convert to "HH:MM" from SERVICE_DT_TM_LOCAL.
Pseudo MRN GENESIS	Char(12)	Pseudo_MRN	PSEUDO_MRN	Encryption algorithm applied to MRN.
MTF Nurse Unit Location GENESIS	Char(45)	n/a	NURSE_UNIT	CHCS: Set to Null. GENESIS: None.
Repeat Test Flag GENESIS	Num(8)	n/a	RELFEY_TEST_IND	CHCS: Set to N. GENESIS: Change 1 to Y else N.
Number of Orders	Num(8)	ordcount	ORDCOUNT	None.
Result Name	Char(50)	LABTESTR	EVENT_CODE	CHCS: obtain LABTESTR when labtestr not missing, merge on chcsdmis, accessno, recno. GENESIS: obtain EVENT_CODE as labtestr, merge on encounter_key, accession, order_sk, orderable_disp.
Result Numeric	Num(17.4)	LABVALUE	RESULT_VALUE	CHCS: if LABVALUE is numeric, else missing. GENESIS: if RESULT_VALUE is numeric, else blank. Use value as received. For example, 1.5000 should display as 1.5000 and 1.5 should display as 1.5.
Result Text	Char(30)	LABVALUE	RESULT_VALUE	CHCS: if LABVALUE is text, else blank. GENESIS: if RESULT_VALUE is text, else blank.
Certifying Provider Name	Char(61)	CPNAME	PRSNL_COMPL_NAME	None.
Medical Service GENESIS	Char(40)	N/A	MEDICAL_SERVICE	CHCS: Set to Null. GENESIS: None.
MEPRS4 Code, Performing GENESIS	Char(4)	N/A	SR_MEPRS	CHCS: Set to Null. GENESIS: None.
Ordering Provider Name	Char(61)	OPNAME	PROV_ORD_NAME, PRSNL_ORD_NAME	CHCS: None. GENESIS: coalescec(prov_ord_name, prsnl_ord_name).

M2 Object	Format	MDR CHCS SAS Name	MDR GENESIS SAS Name	Business Rule
PCM Name	Char(40)	PCMID_NM	PCMID_NM	CHCS: None. GENESIS: None.
PCM NPI	Char(10)	PCMID_NPI	PCMID_NPI	CHCS: None. GENESIS: None.
Service Line, Ordering	Char(5)	SVCLINEO	SVCLINEO	CHCS: None. GENESIS: None.
Service Line, Performing GENESIS	Char(5)	N/A	SVCLINEP	CHCS: Set to Null. GENESIS: None.
Reason For Test	Char(40)	REASON_FOR_TEST	REASON_FOR_TEST	Hide.
Enrollment Site T5 Region	Char(2)	ENR_T5_REG	MTF_ENR_T5_REG	None Populate FY23+.
Beneficiary T5 Region	Char(2)	BEN_T5_REG	BEN_T5_REG	None Populate FY23+.
Tmt DMIS ID T5 Region	Char(2)	MTF_T5_REG	MTF_T5_REG	None Populate FY23+.
Ordering Site of Record T5 Region	Char(2)	ORD_T5_REG	OMTF_T5	None Populate FY23+.
Procedure Code Is Charged	N(8)	n/a	CPT_IS_CHARGED	CHCS: Set to 0. GENESIS: None.

M2 Derived Fields: Table 3 includes M2 derived fields; these are fields that are not in the MDR feed but are visible in M2. These data fields are created in M2 by table joins or calculations made during loading of the data. Table 3 describes these elements and the rules to create them.

Table 3. M2 Derived Fields

M2 Object	Format	Business Rule
Ben Cat Common Description	Char(28)	Based on Ben Cat Common: 1 = AD/Guard Family Member 2 = Retirees 3 = Other 4 = AD/Guard
Beneficiary Category Description	Char(30)	ACT=Active Duty DA=Active Duty Family DCO=Direct Care Only DGR=Dep of Guard/Res on AD DR=Retiree Family DS=Survivor GRD=Guard/Res on AD IDG=Inactive Guard/Res Family IGR=Inactive Guard/Res NAT=NATO OTH=Other RET=Retirees UNK=Unknown Z=Unknown
Beneficiary First Name	Char(20)	M2 Derived: Join to MPI Table on UPID. Only visible in the restricted universe.
Beneficiary Last Name	Char(26)	M2 Derived: Join to MPI Table on UPID. Only visible in the restricted universe.
Beneficiary Name	Char(70)	M2 Derived: Join to MPI Table on UPID displayed as LAST, FIRST, MIDDLE, and CADENCY. Only visible in the restricted universe.

M2 Object	Format	Business Rule
Case Management Acuity Level	Char(1)	M2 Derived: Join to Case Management Table. See the Case Management Specification.
Case Management DMIS ID	Char(4)	M2 Derived: Join to Case Management Table. See the Case Management Specification.
Case Manager ID 1	Char(14)	M2 Derived: Join to Case Management Table. See the Case Management Specification.
Case Manager ID 2	Char(14)	M2 Derived: Join to Case Management Table. See the Case Management Specification.
Case Manager ID 3	Char(14)	M2 Derived: Join to Case Management Table. See the Case Management Specification.
Catchment Area Base Market Code	Char(10)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Catchment Area Command	Char(6)	M2 Derived: Join to the DMIS Table by FY and Catchment Area ID.
Catchment Area Expanded Market Code	Char(10)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Catchment Area Market Name	Char(40)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Catchment Area Military Service	Char(1)	M2 Derived: Join to the DMIS Table by FY and Catchment Area ID.
Catchment Area MSMA	Char(3)	M2 Derived: Join to the DMIS Table by FY and Catchment Area ID.
Catchment Area Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and Catchment Area ID.
Catchment Area Readiness Command	Char(8)	See DMIS ID specification for rule.
Catchment Area Readiness Service	Char(1)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Catchment Area Reporting Market Code	Char(10)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Catchment Area Reporting Market Name	Char(40)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Catchment Area Type of Market Code	Char(10)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Catchment Area Type of Market Name	Char(40)	Join to the DMIS ID Table by Catchment Area DMIS ID and FY. Populated FY18+.
Certifying Provider SSN (Pseudo)	Char(9)	ETL Derived: Encryption algorithm applied to Certifying Provider SSN.
Cumulative OCO Days Deployed	Char(5)	M2 Derived: Join to Contingency Tracking Table. See the Contingency Tracking System Specification.
Days Since Most Recent OCO Deployment	Num(5,0)	M2 Derived: Join to Contingency Tracking Table. See the Contingency Tracking System Specification.
Days Since Return from OCO Depl	Char(5)	M2 Derived: Join to Contingency Tracking Table. See the Contingency Tracking System Specification.
Enrollment Site Base Market Code	Char(10)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Command	Char(6)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site DHP Code	Char(1)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Expanded Market Code	Char(10)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Financial Parent	Char(4)	See DMIS ID specification for rule.
Enrollment Site Financial Parent Name	Char(40)	See DMIS ID specification for rule.
Enrollment Site Market Name	Char(40)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Military Service	Char(1)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site MSMA	Char(3)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Parent	Char(4)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site.
Enrollment Site Parent Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site Parent.
Enrollment Site Readiness Command	Char(8)	See DMIS ID specification for rule.

M2 Object	Format	Business Rule
Enrollment Site Readiness Parent	Char(4)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Readiness Service	Char(1)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Reporting Market Code	Char(10)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Reporting Market Name	Char(40)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Type of Market Code	Char(10)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Enrollment Site Type of Market Name	Char(40)	Join to the DMIS ID Table by Enrollment DMIS ID and FY. Populated FY18+.
Ever Deployed Flag (OCO)	Char(1)	M2 Derived: Join to Contingency Tracking Table. See the Contingency Tracking System Specification.
Fiscal Quarter	Char(1)	M2 Derived: If FM in (1,2,3) then Fiscal Quarter=1; else if FM in (4,5,6) then Fiscal Quarter=2; else if FM in (7,8,9) then Fiscal Quarter = 3; else Fiscal Quarter = 4. 1 = FM 1-3 (Oct-Dec) 2 = FM 4-6 (Jan-Mar) 3 = FM 7-9 (Apr-Jun) 4 = FM 10-12 (Jul-Sep)
Geo Concepts (2-8)	Char(3)	M2 Derived: Join to Market Table (Hide).
IIW Flag	Char(1)	M2 Derived: Join to IIW Table. See the IIW Specification.
Lab Test Standardized Name	Char(30)	If Procedure Code (CPT) not bank, Join to CPT/HCPCS Codes Table by CY, Procedure Code (CPT/HCPCS), and Procedure Code Modifier 1 (CPTMOD). Note in M2 display this should appear immediately before Lab Test Name. Populated FY17+.
Market Area ID	Char(4)	M2 Derived: Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
MEPRS1 Code, Ordering	Char(1)	M2 Derived: MEPRS4 Code, Ordering is trimmed to 1st level.
MEPRS2 Code, Ordering	Char(2)	M2 Derived: MEPRS4 Code, Ordering is trimmed to 2nd level.
MEPRS3 Code, Ordering	Char(3)	M2 Derived: MEPRS4 Code, Ordering is trimmed to 3rd level.
MEPRS3 Code, Ordering Description	Char(54)	M2 Derived: Joined to MEPRS 3 Code Reference Table by FY and MEPRS3 Code, Ordering.
MEPRS4 Code, Ordering Description	Char(50)	M2 Derived: Joined to MEPRS 4 Code Reference Table by FY, Ordering Site of Record, and MEPRS4 Code, Ordering.
MEPRS4 Code, Performing Description	Char(50)	M2 Derived: Joined to MEPRS 4 Code Reference Table by FY, Tmt DMIS ID and MEPRS4 Code, Performing.
MTF Service Area	Char(4)	M2 Derived: Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
MTF Service Area Name	Char(40)	M2 Derived: Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
Number of Records	Num(9,0)	M2 Derived: Count of Record ID.
OCO Deployed Flag	Char(1)	M2 Derived: Join to Contingency Tracking Table. See the Contingency Tracking System Specification.
Ordering Provider SSN (Pseudo)	Char(9)	ETL Derived: Encryption algorithm applied to Ordering Provider SSN.
Ordering Site Financial Parent	Char(4)	See DMIS ID specification for rule.
Ordering Site Financial Parent Name	Char(40)	See DMIS ID specification for rule.
Ordering Site ID/Appoint Record ID	Char(14)	M2 User Defined Object (UDO) that is the concatenation of Ordering Site and Appointment Record ID.
Ordering Site ID/InPatient Record ID	Char(11)	M2 User Defined Object (UDO) that is the concatenation of Ordering Site and Inpatient Record ID.
Ordering Site of Record Base Market Code	Char(10)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.
Ordering Site of Record Command	Char(6)	M2 Derived: Join to the DMIS Table by FY and Ordering Site.
Ordering Site of Record DHP Code	Char(1)	M2 Derived: Join to the DMIS Table by FY and Ordering Site of Record.
Ordering Site of Record Expanded Market Code	Char(10)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.

M2 Object	Format	Business Rule
Ordering Site of Record Market Name	Char(40)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.
Ordering Site of Record Mil Svc	Char(1)	M2 Derived: Join to the DMIS Table by FY and Ordering Site of Record.
Ordering Site of Record MSMA	Char(3)	M2 Derived: Join to the DMIS Table by FY and Ordering Site of Record.
Ordering Site of Record Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and Ordering Site of Record.
Ordering Site of Record Readiness Command	Char(8)	See DMIS ID specification for rule.
Ordering Site of Record Readiness Service	Char(1)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.
Ordering Site of Record Reporting Market Code	Char(10)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.
Ordering Site of Record Reporting Market Name	Char(40)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.
Ordering Site of Record Type of Market Code	Char(10)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.
Ordering Site of Record Type of Market Name	Char(40)	Join to the DMIS ID Table by Ordering Site DMIS ID and FY. Populated FY18+.
Ordering Site Parent	Char(4)	M2 Derived: Join to the DMIS Table by FY and Ordering Site. --- Hide/Remove.
Ordering Site Parent Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and Ordering Site Parent. (Hide/Remove).
Prime Service Area	Char(1)	ETL Derived: Join to the Market Table by FY, FM, Beneficiary Zip Code, and Sponsor Service.
PRISM Area Base Market Code	Char(10)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
PRISM Area Command	Char(6)	M2 Derived: Join to the DMIS Table by FY and PRISM Area ID.
PRISM Area Expanded Market Code	Char(10)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
PRISM Area Market Name	Char(40)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
PRISM Area Military Service	Char(1)	M2 Derived: Join to the DMIS Table by FY and PRISM Area ID.
PRISM Area MSMA	Char(3)	M2 Derived: Join to the DMIS Table by FY and PRISM Area ID.
PRISM Area Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and PRISM Area ID.
PRISM Area Readiness Command	Char(8)	See DMIS ID specification for rule.
PRISM Area Readiness Service	Char(1)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
PRISM Area Reporting Market Code	Char(10)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
PRISM Area Reporting Market Name	Char(40)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
PRISM Area Type of Market Code	Char(10)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
PRISM Area Type of Market Name	Char(40)	Join to DMIS ID Table by Prism ID and FY. Populated FY18+.
Pseudo Patient SSN	Char(9)	ETL Derived: Encryption algorithm applied to Patient SSN.
Pseudo Person ID	Char(10)	ETL Derived: Encryption algorithm applied to Person ID.
Pseudo Sponsor ID	Char(9)	ETL Derived: Encryption algorithm applied to Sponsor ID.
Reservist Status Code	Char(1)	M2 Derived: Join to Reservist Table by Sponsor SSN and Service Date.
Special HCDP Code	Char(3)	M2 Derived: Join to the Special HCDP Table by Service Date.
Tmt DMIS ID Base Market Code	Char(10)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID Command	Char(6)	M2 Derived: Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID DHP Code	Char(1)	M2 Derived: Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Expanded Market Code	Char(10)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID Financial Parent	Char(4)	See DMIS ID specification for rule.
Tmt DMIS ID Financial Parent Name	Char(40)	See DMIS ID specification for rule.
Tmt DMIS ID Market Name	Char(40)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID MSMA	Char(3)	M2 Derived: Join to the DMIS Table by FY and Tmt DMIS ID.
Tmt DMIS ID Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and Tmt DMIS ID
Tmt DMIS ID Readiness Command	Char(8)	See DMIS ID specification for rule.

M2 Object	Format	Business Rule
Tmt DMIS ID Readiness Parent	Char (4)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID Readiness Service	Char (1)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID Reporting Market Code	Char(10)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID Reporting Market Name	Char(40)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID Type of Market Code	Char(10)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID Type of Market Name	Char(40)	Join to DMIS ID Table by TMT DMIS ID and FY. Populated FY18+.
Tmt DMIS ID/Appoint Record ID	Char(14)	M2 Derived: M2 User Defined Object (UDO) that is the concatenation of Tmt DMIS ID and Appointment Record ID.
Tmt DMIS ID/InPatient Record ID	Char(11)	M2 Derived: M2 User Defined Object (UDO) that is the concatenation of Tmt DMIS ID and Inpatient Record ID.
Tmt Parent DMIS ID Name	Char(40)	M2 Derived: Join to the DMIS Table by FY and Tmt DMIS Parent.
Catchment Area Network	Char(40)	M2 Derived: Join to the DMIS Table by FY and Catchment Area ID.
Enrollment Site Network	Char(40)	M2 Derived: Join to the DMIS Table by FY and Enrollment Site
Ordering Site of Record Network	Char(40)	M2 Derived: Join to the DMIS Table by FY and Ordering Site of Record.
PRISM Area Network	Char(40)	M2 Derived: Join to the DMIS Table by FY and PRISM Area ID.
Tmt DMIS ID Network	Char(40)	M2 Derived: Join to the DMIS Table by FY and Tmt DMIS ID

VI. **M2 Location:**

Health Care Services / Direct Care / CADRE / Laboratory Detail –~~CADRE~~

VII. **Special Outputs:**

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