**24 October 2019**

Nurse Unit Location Code GENESIS

File for the MHS Mart (M2)

(Version 1.03.00)

Future Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Originator** | **Para/Tbl/Fig** | **Description of Change** |
| 1.00.00 | 5/22/2019 | T. Comer | * Whole document | * New table in M2. |
| 1.01.00 | 7/2/2019 | T. Comer | * Section IV * Table 1 * Table 2 | * Adjusted filter logic * Added FY, FM, Facility Type, Facility Type Description, Service, and Facility Zip Code to overall M2 file layout. * Clarified Table 2 title and logic rules |
| 1.02.00 | 7/18/2019 | T. Comer | * Section IV and V * Table 1 * Table 3 | * Specified refresh timeframe and de-duplication logic * Removed Facility Type and Facility Description * Deleted DMIS ID HSSC Region and DMIS ID Region |
| 1.03.00 | 10/24/2019 | T. Comer | * Table 2 * Table 3 | * Added MEPRS fields * Deleted catchment area and PRISM fields |

# M2 Nurse Unit Location Code GENESIS Data

1. Source: The Nurse Unit Location Code GENESIS data is provided to M2 by the MDR from the MDR Genesis Location table.
2. File Format: Regardless of the length specified, all fields are variable length and delimited by a “|”. A null field will simply have an end of field delimiter (“|”) immediately following the previous field’s end of field delimiter.
3. File Content: The Nurse Unit Location table is not split by fiscal year, as it represents all current locations captured in MHS Genesis. A full file will be sent that should be appended to the current file and de-duplicated to retain the most updated records.
4. Organization and Batching: Each feed is a stand-alone file. Feeds are not organized by fiscal year.
5. Frequency of Processing: File updated at the beginning of every month.
6. Filters: Test location records have been filtered out of the MDR MHS Genesis Location data and unit display values have been de-duplicated. If there is more than one record for a unit display value, the record with the most recent update date time field and non-blank MEPRS field (if 2 records exist for the same update date time) will be used.
7. Updating the M2 Master Table: A new M2 Nurse Unit Location Code GENESIS file fully replaces the existing file.
8. Record Layout and Content

**Table 1: M2 Nurse Unit Location Code GENESIS File Layout**

| **M2 Data Element** | **SAS Name for Genesis based data** | **Format** | **Processing Rule/Comments** |
| --- | --- | --- | --- |
| Fiscal Year | FY | $4 | No transformation. Hidden in M2 universe. |
| Fiscal Month | FM | $2 | No transformation. Hidden in M2 universe. |
| Nurse Unit Location Code GENESIS | UNIT\_DISPLAY | $45 | No transformation. |
| Facility Zip Code | FACZIP | $5 | No transformation. Hidden in M2 universe. |
| Service | SVC | $1 | No transformation. Hidden in M2 universe. |
| Parent DMIS ID | MTF\_PARENT | $4 | No transformation. |
| DMIS ID | MTF | $4 | No transformation. |
| MEPRS4 Code | MEPRS\_CD | $4 | No transformation. |
| Specialty GENESIS | SPECIALTY | $10 | No transformation. |
| Specialty Code Meaning GENESIS | SPECIALTY\_CODE\_MEANING | $40 | No transformation. |
| Specialty Category GENESIS | SPECIALTY\_CATEGORY | $5 | No transformation. |
| Care Location GENESIS | CARE\_LOCATION | $10 | No transformation. |
| Care Location Meaning GENESIS | CARE\_LOCATION\_MEANING | $40 | No transformation. |

1. Derived Fields: The M2 Nurse Unit Location file has additional fields that are derived when processing the M2 file but not organic to the MDR MHS GENESIS Location file. Table 2 describes these fields and the rules to create them.

**Table 2:** **Derived Data Elements for the M2 Feed**

| **M2 Data Element** | **Processing Rule/Comments** |
| --- | --- |
| Facility Type GENESIS | If substr(unit\_display,1,1) in  ('0','1','2','3','4','5','6','7','8','9') and  substr(unit\_display,4,1) in  ('0','1','2','3','4','5','6','7','8','9') and  substr(unit\_display,6,1) eq '-' then  facility\_type=substr(unit\_display,5,1);  else facility\_type is left blank (i.e. NULL); |
| Facility Type Description GENESIS | If facility\_type='A' then fac\_type\_desc="Acute/Inpatient";  else if facility\_type='C' then fac\_type\_desc="Clinic";  else if facility\_type='M' then fac\_type\_desc="Case Management";  else if facility\_type='H' then fac\_type\_desc="Occupational Health";  else fac\_type\_desc is left blank (i.e. NULL). |
| MEPRS1 Code | Substr(meprs\_cd,1,1) |
| MEPRS2 Code | Substr(meprs\_cd,1,2) |
| MEPRS3 Code | Substr(meprs\_cd,1,3) |
| MEPRS3 Code Description | Include definition for MEPRS3 code for the file FY in the M2 MEPRS3 Reference file |

1. M2 Appended Fields: The M2 appointment table as viewed in the M2 contains some inferred fields that are results from “joins” to other tables or other inference or some additional math. The table below contains those fields and the rules for applying.

**Table 3. M2 Appended Fields**

| **Data Element** | **Format** | **Transformation** |
| --- | --- | --- |
| ~~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~~ | ~~$1~~ | ~~See M2 DMIS specification for business rules.~~ |
| ~~Catchment Area MSMA~~ | ~~$3~~ | ~~See M2 DMIS specification for business rules.~~ |
| ~~MTF Service Area~~ | ~~$4~~ | ~~See M2 Omni-CAD specification for business rules.~~ |
| ~~MTF Service Area Name~~ | ~~$~~ | ~~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~~ | ~~$40~~ | ~~See M2 DMIS specification for business rules.~~ |
| ~~PRISM Area Command~~ | ~~$9~~ | ~~See M2 DMIS specification for business rules.~~ |
| ~~PRISM Area Military Service~~ | ~~$1~~ | ~~See M2 DMIS specification for business rules.~~ |
| ~~PRISM Area MSMA~~ | ~~$3~~ | ~~See M2 DMIS specification for business rules. Populated FY04+.~~ |
| DMIS ID Name | $30 | See M2 DMIS specification for business rules. |
| DMIS ID Command |  | See M2 DMIS specification for business rules. |
| DMIS ID DHP Code | $1 | See M2 DMIS specification for business rules. |
| DMIS ID Military Service | $1 | See M2 DMIS specification for business rules. |
| DMIS ID MSMA | $3 | See M2 DMIS specification for business rules. Populated FY04+. |
| Parent DMIS ID Name |  | See M2 DMIS specification for business rules. |

1. Quality Review

* The first and last 10 records in the files should be visually inspected to ensure proper formatting after loading.

1. File Location

M2 Class name  : Nurse Unit Location Code GENESIS  as a subclass of Reference Tables

Reference Tables / Nurse Unit Location Code GENESIS

1. Special Outputs: N/A