**10 August 2015**

FHIE Pharmacy Processing

for the

MHS Data Repository (MDR)

(Version 1.01.00)

Current Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Para/Tbl/Fig** | **Originator** | **Description of Change** |
| 1.00.00 | 5/24/2013 | * Initial publication | W. Funk |  |
| 1.00.01 | 1/29/2014 | * Table 1 * VI. Update Process * Table 2 * Table 3 * X. Quality Review Requirements | N. Bowling | * Clarified file names * Clarified update process * Added additional external ref files * Updated table name; Clarified column names; updated SAS Names; updated input positions from PDTS; updated output order in VA feed; added additional fields * Updated requirements. |
| 1.01.00 | 8/10/2015 | * Table 3 | J. MacLeod | * Changed column fron “Input Position from PDTS” to “Source Element” because the PDTS data are now stored as SAS data sets rather than flat files. * Changed the format of the Authorization Number from $14 to $18 to reflect a corresponding change in the source PDTS data. |

**FHIE Pharmacy for the MDR**

1. Background:

The MHS provides health information to the Veteran’s Administration and DMDC for service members who have separated from the military. This file is processed against the MDR DMDC separatee file to create a subset of pharmacy data about beneficiaries who may become VA eligible.

1. Source:

The source of this file is the MDR PDTS file.

1. Transmission (Format and Frequency):

N/A

1. Organization and Batching

Output Products: The MDR FHIE Pharmacy processor produces the files described in table 1. The preparation of them is described in subsequent sections of this document.

**Table 1: MDR FHIE Pharmacy Processor Output Products**

|  |  |  |
| --- | --- | --- |
| **File** | **File Naming Convention** | **Member Name** |
| MDR FHIE Pharmacy | mdr/pub/fhie/pharmacy.sds | Yymm |
| MDR FHIE Pharmacy Text | mdr/pub/fhie/pharmacy.yymmdd.txt |  |

Archival of files is also required, so that corresponding “apub” and other files (i.e., log, aprod, etc) are also loaded into the MDR according to routine operating procedures.

1. Receiving Filters

N/A

1. Update Process

Each month, the MDR Separatee file is read from DMDC and the resulting file is matched by DEERS Person ID to the MDR PDTS files for all years, only retaining records from PDTS that match a record in the reduced separatee file.

1. Field Transformations and Deletions for MDR Core Database

Minimal field transformations are derived in processing. Necessary merges are described in table 2.

**Table 2: External Reference File Merges**

| **Merge** | **Date Matching** | **Additional Matching** |
| --- | --- | --- |
| MDR Separatee File | N/A | DEERS Person ID |
| MDR Pharmacy Reference File | N/A | NCPDP ID |
| MDR Product Reference File | N/A | Product Form |
| MDR Provider Reference File | N/A | DEA Number |

Business rules for each of the appended fields that result from the merge above, are described in the body of the table in Section VIII.

Business rules are described in the body of table 3.

1. Record Layout and Content

The table below describes the content of the MDR FHIE Pharmacy file.

**Table 3: MDR FHIE Pharmacy Dataset Structure and Business Rules**

| **Data Element** | **SAS Name** | **Format** | **Source Element** | **Output Order in VA text Feed** | **Business Rule** |
| --- | --- | --- | --- | --- | --- |
| Date of Issue | DATE\_ISSUE | yyyymmdd | DATEDISP | 1 |  |
| Date Written | DATE\_WRITTEN | yyyymmdd | DATEWRTN | 2 |  |
| Prescription Number | RX\_NUM | $7 | RXNUM1 | 3 |  |
| Quantity | QTY | 9.3 | ODECQTY | 4 |  |
| Days Supply | DAYSUPLY | 3 | DAYSUPLY | 5 |  |
| Ingredient Cost | ING\_COST | 10.2 | OINGRCOST | 6 |  |
| Authorization Number | AUTH\_NUM | $18 | AUTHNUM | 7 |  |
| DEA Number | DEANUM | $10 | DEANUM | 8 |  |
| NDC | NDC | $11 | NDC | 10 |  |
| Sponsor Social Security Number | SPONSSN | $9 | SPONSSN | 11 |  |
| DEERS Dependent Suffix | DDS | $2 | DDS | 12 |  |
| NCPDP ID | NCPDP | $12 | NCPDPNUM | 13 |  |
| Product Name | RX\_NAME | $27 | PRODNAME | 22 |  |
| Product Strength | RX\_STRENGTH | $10 | PRODSTRG | 23 |  |
| Product Form | RX\_FORM | $2 | PRODFORM | 24 |  |
| DEA Class | DEA\_CLASS | $1 | DEACLASS | 26 |  |
| AHFS Therapeutic Class | THERA\_CLASS | $6 | THERCLSS | 27 |  |
| Patient First Name | FIRST\_NAME | $12 | FIRSTNME | 28 |  |
| Patient Middle Initial | MIDDLE\_NAME | $1 | MIDINTL | 29 |  |
| Patient Last Name | LAST\_NAME | $15 | LASTNME | 30 |  |
| Gender | PATSEX | $1 | GENDER | 31 |  |
| Date of Birth | PATDOB | YYYYMMDD | PDTSDOB | 32 |  |
| Warehouse Date | WAREHOUSE\_DT | YYYYMMDD | WHSEDATE |  |  |
| Fill Location | FILL\_LOC | $4 | OFILLLOC |  |  |
| DEERS Person ID | EDIPN | $10 | UPID |  |  |
| **Internally Derived Fields** | | | | | |
| FHIE Pull Date | EXTR\_DATE | YYYYMMDD |  | 33 | Date records for this person were prepared for FHIE. |
| **From Separatee File Merge** | | | | | |
| Separation Date | SEP\_DATE | YYYYMMDD |  | 34 | Merged by DEERS Person ID |
| **From Pharmacy Reference File** | | | | | |
| Pharmacy Name |  | $35 |  | 14 | Merged by NCPDP ID |
| Pharmacy Number |  | $10 |  | 15 | Merged by NCPDP ID |
| Pharmacy Address 1 |  | $35 |  | 16 | Merged by NCPDP ID |
| Pharmacy Address 2 |  | $35 |  | 17 | Merged by NCPDP ID |
| Pharmacy City |  | $18 |  | 18 | Merged by NCPDP ID |
| Pharmacy State |  | $2 |  | 19 | Merged by NCPDP ID |
| Pharmacy Zip |  | $11 |  | 20 | Merged by NCPDP ID |
| Pharmacy Phone |  | $10 |  | 21 | Merged by NCPDP ID |
| **From Product Reference File** | | | | | |
| Product Form Description |  | $40 |  | 25 | Merged by Product Form |
| **From Provider Reference File** | | | | | |
| Provider Name |  | $40 |  | 9 | Merged by DEA Number |

1. Refresh Frequency

Monthly

1. Quality Review Requirements

In order to ensure processing is done correctly, several basic quality review requirements are presented in this section.

1. Basic Data Flow Process Check: A spreadsheet should be maintained that tracks record counts inbound and outbound. Only PDTS records with a match to the DMDC Separatee File should be kept.
2. File Size: Record counts should increase in the feed each month. If they do not, contact the source.
3. Proc contents should be reviewed and compared against specifications to ensure conformance.
4. Routine feed and file management procedures should be followed for the MDR FHIE Pharmacy File.
5. Data Marts

N/A

1. Special Outputs

N/A