**31 August 2020**

Master Death File

for the

MHS Data Repository (MDR)

(Version 2.00.00)

Current Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date**  | **Para/Tbl/Fig** | **Originator** | **Description of Change** |
| 1.00.00 | 12/15/2005 | * Entire document
 | L. Hopkins | * Initial versioning.
 |
| 1.00.01 | 10/24/2012 | * Background
 | W. Funk | * Added Patient SSN and reference to CAPER.
 |
| 1.00.02 | 06/14/2013 | * Entire Document
 | L. Hopkins | * Included DEERS as a data source
 |
| 2.00.00 | 08/31/2020 | * Entire Document
 | L. Hopkins | * Added MHS Genesis and Designated Provider data as additional sources
 |

# MDR Master Death File

Background: This file is intended to provide MDR users with an accurate[[1]](#footnote-1) list of beneficiaries whose death we have a record for, including casualty deaths for active duty service members. Records from the Standard Inpatient Data Record (SIDR), the Comprehensive Professional Encounter Record (CAPER), Standard Ambulatory Data Record (SADR), the Institutional Health Care Service Record (HCSR-I), the TRICARE Encounter Data-Institutional, the Casualty Death File, the DEERS VM6, the MHS Genesis Encounter (Basic), the MHS Genesis Admission, and the Designated Provider (Clinical) comprise this file.

1. Source:

Data Capture: CHCS (SIDR), ADS (SADR), Managed Care Support Contractor claims processing system, Casualty Feed, CAPER, DEERS VM6, MHS Genesis Admission, MHS Genesis Encounter (Basic), and Designated Provider (Clinical)

MHS Data Capture: HCSR/TED system run by TMA

1. Transmission (Format and Frequency)

The *initial file load* is a one-time requirement. *Update files* are monthly. Only deaths recorded in the current fiscal year source files are processed on a monthly basis. Deaths recorded in previous years are processed on the same schedule as the source files are processed. To incorporate DEERS VM6 data, there will be a one-time pull of all DEERS VM6 data back to and including FY05. Going forward, the most recent monthly DEERS VM6 will be used to identify deaths.

1. Receiving Filters

N/A

1. Field Transformations and Deletions for MDR Core Database

Records from the Casualty Death file are added to the Encounter Death file. If records are found in both files, the Casualty Death file record is kept. The resulting file is merged to the Master Person Index to add the Unique Person ID (EDIPN) where possible. The Master Person Death file is then deduped according to the following logic:

* Only the most recent death record is kept.
* If there is a death record for the same person in more than one source, the following hierarchy applies:
	+ If there is a record from the Casualty file, take that record. Otherwise,
	+ If there is a record where the source of death record is SIDR/MHS Genesis, take that record. Otherwise,
	+ If there is a record where the source of death record is HCSR-I/TED-I, take that record. Otherwise,
	+ If there is a record where the source of the death record is Designated Provider, take that record. Otherwise,
	+ Take the SADR/CAPER/MHS Genesis Encounter record.
* Records are deduped first based on EDIPN, second based on Sponsor SSN and DDS, and last based on Sponsor SSN, Relationship, Date of Birth, and Gender.

For only the one-time pull of historical DEERS VM6 data, all months back to FY05 will be included. Keep all records indicating death. Going forward, deaths from the most recent DEERS VM6 are added to the Master Death file, after all other casualty and encounter data have been added. If there is already a death record for the same person in the Master Death file, then the DEERS VM6 record is dropped. Otherwise, the DEERS VM6 record is added to the Master Death File. Following processing rules below for coding Source, Associated Record ID, and Date Added to File.

1. Refresh Frequency

Frequency of updates:

* Current FY: Every month
* Prior FY: monthly for one quarter (October, November, and December) then semiannually (April, October)
* All years prior to prior FY: Annually (October)
1. Data Marts

N/A

1. Special Outputs

N/A.

**Master Death File Layout**

| **Field Name** | **Type** | **SAS Name** | **Comments** |
| --- | --- | --- | --- |
| Sponsor Social Security Number | $9 | SPONSSN |  |
| Date of Birth | N | DOB | SAS Date |
| Unique Patient Identifier | $10 | EDIPN | For some records, the EDIPN will come from a merge to the Master Person Index. Not all records have an EDIPN.  |
| DEERS Dependent Suffix | $2 | DDS |  |
| Gender | $1 | GENDER |  |
| Death Date | N | DTHDATE | SAS Date |
| Source of Death Record | $1 | SOURCE | Identifies the source of the Death Record:A=SADR/CAPER/MHS Genesis EncounterS=SIDR/MHS Genesis AdmissionH=HCSR-I/TED-ID=DEERSU=USFHP (DP Clinical) |
| Death Code | $1 | DTHCODE | Y/N Flag indicating Death. Will always be “Y”. To be used in merge to VM4. |
| Relationship | $1 | REL | Derived from first character of DDS: if 0 or 1, then “0”, if 2 then “2”, if 3 then “3”, if 4, 5, or 6, then “4”, anything else, including missing then "9". If DDS is not available, derive from first character of FMP in the same manner. |
| Beneficiary Social Security Number | $9 | PATSSN |  |
| Associated Record ID | $24 | SOURCE\_RECORD\_ID | Derived from: CAPER/SADR: HOSTDMIS and APPTIDNOSIDR: PRNTEDI: TEDNOMHS GENESIS ADM: ENCOUNTER\_SKMHS GENESIS ENC: ENCOUNTER\_SK and ENC\_SFXDP Clinical: RECIDDEERS: D\_EXT\_MONTH |
| Date added to File | $6 | EXT\_MONTH | Set equal to processing month and year that death record was added to the file, such as 202001 |

1. Deduping logic used may allow for duplicate records in file. Also, any deaths recorded in the SIDR and HCSR were deemed to be “true” deaths. Thus, subsequent encounters for these people were not considered. However, deaths recorded in the SADR were put through a check of only the SADR for a subsequent encounter. Any records found to have a subsequent encounter were removed. [↑](#footnote-ref-1)