**27 August 2020**

Encounter Death File

for the

MHS Data Repository (MDR)

(Version 3.00.00)

Current Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Originator** | **Para/Tbl/Fig** | **Description of Change** |
| 1.00.00 | 12/15/2005 | L. Hopkins | * Entire document | * Initial versioning. |
| 2.00.00 | 9/29/2011 | Wendy Funk | * Entire document | * Incorporated CAPER into the source data. |
| 2.00.01 | 10/24/2012 | Wendy Funk | * Section 7 | * Added PATSSN |
| 3.00.00 | 8/27/2020 | L. Hopkins | * Section 3/Section 4 | * Added Genesis and Designated Provider data to identify death records * Updated logic to included looking for subsequent encounters in all files * Added Record IDs to death record |

# MDR Encounter 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. Records from the Standard Inpatient Data Record (SIDR), the Standard Ambulatory Data Record (SADR)/Comprehensive Ambulatory Professional Encounter Record (CAPER)[[2]](#footnote-2), the Institutional Health Care Service Record (HCSR-I), the TRICARE Encounter Data-Institutional (TED-I), MHS Genesis Admission File, MHS Encounter (Basic) File, and the Designated Provider, Clinical File comprise this file.

1. Source:

MDR SIDR, SADR, CAPER2, TED-I, MHS Genesis Admission, MHS Genesis Encounter (Basic), and Designated Provider Clinical

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.

1. Receiving Filters

The Encounter Death File will receive the following records:

HCSR-I: Records where the Discharge Status Code (position 484)= (‘20’ ‘40’ ‘41’ ’42) and Submission Type is not (‘C’ ‘D’ ‘E’).

TED-I: Records where the Disposition Status (DISPSTAT)=(‘20’ ‘40’ ‘41’ ’42)

and Submission Code (SUBCODE) is not (‘C’ ‘D’ ‘E’)

SIDR: Records where the Recoded Disposition Status (RECDISP)=’20’ or ‘00’.

SADR/CAPER: Records where the Disposition Code (DISPCODE)=’8’ or ‘G’.

MHS Genesis Admission: Records where Discharge Disposition Code (DISPCODE)=’Patient has expired’.

MHS Genesis Encounter (Basic): Records where Discharge Disposition Code (DISPCODE)=”Patient has expired’.

Designated Provider Clinical: Records where Hospital Service Disposition Status (HOSPSTAT)=’20’

1. Field Transformations and Deletions for MDR Core Database

*Initial File Load:*  SIDR death records from FY98-FY04, HCSR-I/TED-I death records from FY94-FY04, and SADR death records from FY00-FY04 are included in the initial file load. Death records are examined for subsequent encounters by comparing the death date with the following date fields:

* SIDR: Admission Date (ADMDATE)
* TEDI: Begin Date of Care (BEGDATE)
* TEDN: Begin Date of Care (BEGDATE)
* CAPER/SADR: Encounter date (ENCDATE)
* MHS Genesis Encounter (Basic): Visit Date (VISIT\_DT\_TM)
* MHS Genesis Admission: Admission Date (ADM\_DT\_TM)
* Designated Provider, Clinical: Hospital Admission Date (HOSPADM)

. Records are removed 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: SIDR/MHS Genesis Adm/DP Clinical records are taken before HCSR-I/TED-I or SADR/CAPER/MHS Genesis Encounter (Basic) records and HCSR-I/TED-I records are taken before SADR/CAPER/MHS Genesis Encounter (Basic) records.
* Records are deduplicated first based on EDIPN, second based on Sponsor SSN and DDS, and last based on Sponsor SSN, Relationship, Date of Birth, and Gender.

*Update Files:* All updated records should be added to the encounter death file and then records removed and the file deduplicated according to the logic above

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

The Casualty Death file is added to this file and then merged with the Master Person Index to create the Master Death File.

**Encounter Death File Layout**

| **Field Name** | **Type** | **SAS Name** | **Comments** |
| --- | --- | --- | --- |
| Sponsor Social Security Number | $9 | SPONSSN | No transformation. |
| Date of Birth | N | DOB | SAS Date |
| Unique Patient Identifier | $10 | EDIPN |  |
| DEERS Dependent Suffix | $2 | DDS |  |
| Gender | $1 | GENDER |  |
| Death Date | N | DTHDATE | SAS Date; use the end date of care (or disposition date) for SIDR/HCSR-I/TED-I/MHS Genesis Admission/DP Clinical. Use encounter date for SADR/CAPER.  Use visit date for MHS Genesis Encounter |
| Source of Death Record | $1 | SOURCE | Identifies the source of the Death Record:  A=SADR/CAPER/MHS Genesis Encounter  S=SIDR/MHS Genesis Admission  H=HCSR-I/TED-I  U=USFHP (DP Clinical) |
| Death Code | $1 | DTHCODE | Y/N Flag indicating Death. Will always be “Y”. (Use in merge to VM family of files) |
| 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 | No transformation. |
| Associated Record ID | $24 | SOURCE\_RECORD\_ID | Derived from:  CAPER/SADR: HOSTDMIS and APPTIDNO  SIDR: PRN  TEDI: TEDNO  MHS GENESIS ADM: ENCOUNTER\_SK  MHS GENESIS ENC: ENCOUNTER\_SK and ENC\_SFX  DP Clinical: RECID |
| 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. [↑](#footnote-ref-1)
2. Use SADR up to 2010, use CAPER thereafter. [↑](#footnote-ref-2)