**17 May 2012**

Projection of Eligible Population (PEP)

for the

MHS Data Repository (MDR)

(Version 1.00.00)

Current Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date**  | **Originator** | **Para/Table/Fig** | **Description of Change** |
| 1.00.00 | 05/17/2012 | C. Reda | * Whole document
 | * Initial specification.
 |

# PEP MDR

1. Source

**Table 1. Listing of Source Files**

|  |  |
| --- | --- |
| Source File | Source |
| MDR DEERS VM6BEN File | Defense Manpower Data Center (DMDC) Defense Enrollment Eligibility Reporting System (DEERS) VSAM Database |
| Growth rates for DoD Retiree and Survivor Populations by Age File | DoD Office of the Actuary |
| President’s Budget End Strength Active Duty and Guard/Reserve File | Comptroller Information System (CIS) |
| DMIS ID Index Table | EI/DS PO |
| OmniCAD | EI/DS PO |
| Annual Air Force Unit Level Manpower File\* | Air Force Surgeon General, Uniform Manning Document (UMD) |
| Annual Army Unit Level Manpower File\* | Army Surgeon General, Army Stationing and Installation Plan (ASIP) |
| Annual Navy Unit Level Manpower File\* | Navy Manpower Planning & Budgeting System (NMPBS) |
| Annual Marine Corps Unit Level Manpower File\* | Navy Bureau of Medicine (BUMED) |

\*Manpower data is provided for informational purposes, but not integrated into PEP.

The PEP is calculated using growth rates from:

* DoD, Office of the Actuary
	+ Collects Active Duty Personnel Master File and Reserve & Guard Personnel Master file (RCCPDS) from DMDC as a baseline and uses Comptroller’s Service End Strength data from the President’s Budget as a deterministic target, to make slight adjustments. Uses retiree data from DMDC, the Retired Pay Edit File and DEERS database, as a baseline. Uses Survivor and Non-Sponsor beneficiary data from DMDC as a baseline. Uses GORGO, an internal projection tool, to calculate projections for Retiree, Retiree Family Member, and Survivor Populations.
* Office of Secretary of Defense, Comptroller
	+ Collects Service End Strength data from the President’s Budget as a baseline dataset. Uses the Comptroller Information System to calculate projections for Active Duty and Active Guard/Reserve Populations. Active Duty Family Members and Active Guard/Reserve Family Member projections are calculated based upon this information.
* DoD, Office of the Chief Financial Office (OCFO), Defense Health Cost Assessment and Program Evaluation
	+ Extract historical monthly MHS eligible population data, from DEERS as a baseline dataset. Using SAS ETS (Econometrics and Time Series Analysis) software, calculate projections for Inactive Duty Guard/Reserve, Inactive Duty Guard/Reserve Family Member, and Other Populations.
1. Transmission (Format and Frequency)

The Projection of Eligible Population (PEP) file is provided at least annually as a SAS dataset. The PEP data will be calculated and released in response to needs of the MHS budget enterprise and in coordination with OCFO Senior Leadership. As described in the PEP Interface Control Document, posted on the OCFO website (<http://health.mil/Military-Health-Topics/Technology/Support-Areas/MDR-M2-ICD-Functional-References-and-Specification-Documents/Interface-Control-Documents-Functional-References-and-Specifications>), PEP is transmitted to MDR via Secure FTP.

Each record contains the number of projected MHS eligible beneficiaries grouped by specific demographic categories.

* A beneficiary is eligible when the DEERS MHS Eligibility Indicator = 1 and Primary Record Identifier = 1 (the most recent DEERS record for a person).
* The PEP Beneficiary Count (BENCOUNT) field contains the number of MHS eligible beneficiaries for every record.
	+ PEP FY indicates the fiscal year of the projection
	+ PEP Population Projected Flag (BENPROJFLAG) field indicates the type of projection:

Y=projected population (PEP)

N=actual population (DEERS)

* The PEP FY, Base (FY\_BASE) and FM, Base (FM\_BASE) fields identify the base data from DEERS on which the population projections are calculated.
1. Organization and batching
* The PEP is a vital input to DoD and Armed Service Planning documents such as the Defense Health Program Objective Memorandum, the Budget Estimate Submission, and the President’s Budget. In addition to supporting the annual budget cycle, the PEP is used by MHS decision-makers for planning and access to care evaluations.
* There is no batch processing involved.
* The PEP process is as follows:
	+ Data are extracted from DEERS VM6BEN and merged with the OMNI CAD and DMIS ID Index data (see Table 1).
	+ During data analysis, additional required variables are derived.
	+ The data are internally assessed for consistency and quality.
	+ The final PEP SAS dataset is uploaded to the MDR node via Secure FTP.
* Each record has a PEP FY, PEP FY\_BASE, PEP FM\_BASE, and a PEP Beneficiary Count number.
	+ In the event new projections are created, a revised PEP SAS dataset will be uploaded to the MDR.
1. Receiving Filters

There are no filters. Every record in the PEP SAS dataset will be loaded.

1. Field Transformations and Deletions

N/A

1. Directory Location

Public:

/mdr/pub/pep/pb<YY>/pep.sas7bdat

Special Access (Archived):

/mdr/apub/pep/pb<YY>/dyymmdd/pep.sas7bdat

The PEP directory structure breakdown:

* The pb<YY> is the 2 digit year representing the President’s Budget year for which the Comptroller’s Office supplied End Strength has been locked.
	+ For example, if the End Strength numbers provided to the PEP team were locked for 2012, then the pb<YY> = pb12.
	+ Thus, for the example above, if the PEP data was not yet archived, the pathname would be:
	+ /mdr/pub/pep/pb12/pep.sas7bdat
* The dyymmdd is the date the data was released to PUB.
	+ For the example above, the data set will be archived to the Special Access folder, with the date it was originally loaded into the PUB:
	+ /mdr/apub/pep/pb12/d120514/pep.sas7bdat
1. Updating the Master Tables

Updates are complete replacements of the prior file. Prior files should be archived.

1. File Layout and Content

Table 2, below, contains the fields in the MDR PEP SAS Dataset. Each field will have a source listed. There are four main sources; PEP (Appendix 1), VM6BEN (Appendix 2), VM6BEN and OMNI CAD (Appendix 3), and DMIS ID Index (Appendix 4). For fields originating from the DEERS VM6BEN dataset, there are no business rules listed as these are derived with no transformation from the original data. For all other fields, business rules describing derivation are listed in Appendices A.1, A.3, A.4, and B.

1. Refresh Frequency

The Projection of Eligible Population (PEP) file is provided at least annually, as a SAS dataset. The PEP data will be calculated and released in response to needs of the MHS budget enterprise and in coordination with OCFO Senior Leadership. Updates are complete replacements of the prior file. Prior files should be archived.

1. Special Outputs

The MDR PEP file is used to create the MHS Mart (M2) PEP table. The M2 PEP table is an aggregation of the MDR SAS Dataset, based upon required fields.

Prior to FY 2011, projections were produced using MCFAS (Managed Care Forecasting and Analysis System). Historical MDR and M2 MCFAS tables are archived in a Reference Folder.

Table 2. MDR PEP Format and Fields

| **MDR PEP Variable** | **MDR PEP Variable Description** | **Type** | **Length** | **Value** | **Description** | **Source** | **Appendix** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| age65flag | Age 65 Flag | Char | 1 | Y, N | Flag identifying whether the beneficiary is age 65 and older, or not.Y = Age 65 and olderN = Age under 65 | PEP | A.1.1 |
| agegrp | Age Group Code | Char | 1 | e.g., A | Code indicating the beneficiary age group, as reported in DEERS at the time of the extract. D\_AGE\_GROUP\_CD is derived in MDR processing.  | VM6BEN | A.2.1 |
| assignuic | Assigned UIC | Char | 8 | e.g., AAAAXXXX | The UIC (Unit Identification Code) to which an active duty or guard/reserve sponsor is officially assigned; values vary by branch of service. ASSGN\_UIC is derived in MDR Processing. | VM6BEN | A.2.2 |
| comben | Ben Cat Common | Char | 1 | 1,2,3,4 | Broadest category of beneficiaries. D\_COM\_BEN\_CAT\_CD is derived in MDR Processing. | VM6BEN | A.2.3 |
| bencat | Beneficiary Category | Char | 3 | e.g., ACT | Category of beneficiary. R\_BEN\_CAT\_CD is derived in MDR processing. | VM6BEN | A.2.4 |
| bencatdetail | Beneficiary Category Detail | Char | 1 | 1, 2, 5, 6, 7, 8, A, B, C, D, E, F, G, H, I, J | Expanded breakout of beneficiary category. Based on Beneficiary Category, Alternative Care Value, Medical Privilege Code, Medicare Eligibility Code, Alternate Care Value, Member Category Code, and Service Code. | PEP | A.1.2 |
| bencount | Beneficiary Count | Numeric | 8 | e.g., 1 | The number of eligible beneficiaries. | PEP | A.1.3 |
| benhsscenr | Beneficiary HSSC Enr Region | Char | 1 | A, N, O, S, W, Blank | Code identifying HSSC (Health Services Support Contract), or TNEX, region (or duty region for active duty or guard/reserve) associated with the enrollment site.  | VM6BEN, OMNI CAD | A.3.1 |
| benhsscres | Beneficiary HSSC Res Region | Char | 1 | A, N, O, S, W, Blank | Code identifying HSSC (Health Services Support Contract), or TNEX, residence region (or duty region for active duty or guard/reserve). D\_HSSC\_RES\_RGN\_CD is derived in MDR Processing. | VM6BEN | A.2.5 |
| benhsscresdetail | Beneficiary HSSC Res Detail | Char | 1 | e.g., A | Code identifying HSSC (Health Services Support Contract), or TNEX, residence region (or duty region for active duty or guard/reserve), with added detail. Based upon D\_HSSC\_RES\_RGN\_CD, derived in MDR Processing. | PEP | A.1.4 |
| benzip | Beneficiary Zip Code | Char | 5 | e.g., 80011 | Code identifying the best guess of the person’s actual location. Zip code of residence for non-active duty/guard, zip code of assigned unit for AD/Guard/Reserve. DRVD\_LOC\_PR\_ZIP\_CD is derived in MDR Processing. | VM6BEN | A.2.6 |
| catch | Catchment Area ID | Char | 4 | 0001-9999 | The catchment area DMIS ID surrounding an MTF or non-catchment area based on beneficiary zip code, sponsor service, FY, and FM and the World CAD. World CAD includes Inpatient MTF US and Overseas catchment and non-catchment areas where catchment means a zip code whose geographic centroid is within 40 miles (US) or 50 miles (Overseas). Excludes Geographic and policy barriered zip codes and historical facility location calculations. Includes discontinued zip codes. | VM6BEN, OMNI CAD | A.3.2 |
| catchcmd | Catchment Area Command | Char | 8 | e.g., SRMC | The catchment area command. | DMIS ID Index | A.4.1 |
| catchflag | Catchment Flag | Char | 1 | Y, N | Flag identifying whether a DMIS ID is in a catchment or non-catchment region for the World CAD. Use the Catchment Area ID, to look up the facility type code in the DMIS ID Index file.Y = Catchment of World CADN = Non-catchment of World CAD | DMIS ID Index | A.4.2 |
| catchmsma | Catchment Area MSMA | Char | 3 | e.g., 03 | Catchment MSMA (Multi-Service Market Area). | DMIS ID Index | A.4.3 |
| catchname | Catchment Area Name | Char | 42 | e.g., TMC 9-FT.CARSON | The name of the catchment area facility. | DMIS ID Index | A.4.4 |
| catchsvc | Catchment Area Military Service | Char | 1 | A, C, F, J, M, N, O, S, T, V, X, Blank | The catchment branch of service. A = Army C = Coast GuardF = Air ForceJ = US Defense Attache Office (USDAO)M = Marine CorpsN = NavyO = OtherS = Non-CatchmentT = US Family Health Plan Facility (USTF)V = VAX = Not Valid, Unknownblank = Unknown | DMIS ID Index | A.4.5 |
| cboben | CBO Beneficiary Category | Char | 1 | e.g., 1 | Category code of beneficiary derived for CBO (Congressional Budget Office) reporting. | PEP | A.1.5 |
| cbomedelig | CBO Medicare Eligibility | Char | 1 | e.g., 1 | Medicare Eligibility code derived for CBO (Congressional Budget Office) reporting. | PEP | A.1.6 |
| cbotamp | CBO TAMP Code | Char | 1 | 1, 2, 3 | The code representing the beneficiary TAMP (Transitional Assistance Management Program) enrollment indicator, established for Congressional Budget Office Reporting.1 = Early Alert2 = All Other TAMP3 = No TAMP | PEP | A.1.7 |
| conusflag | CONUS Flag | Char | 1 | Y, N | Flag identifying whether the beneficiary is in the continental United States. Based upon derived location country code, DRVD\_LOC\_CTRY\_CD. | PEP | A.1.8 |
| country | Country Code | Char | 2 | e.g., US | The code representing the best guess of the country of the beneficiary’s actual location. The valid values also include the District of Columbia and outlying US areas. DRVD\_LOC\_CTRY\_CD is derived in MDR processing. | VM6BEN | A.2.7 |
| countrysub | Country Subdivision | Char | 2 | e.g., CO | The code representing the best guess of the state of the beneficiary’s actual location. Based upon DRVD\_LOC\_ST\_CD in the VM6BEN. | VM6BEN | A.2.8 |
| dhpflag | DHP Flag | Char | 1 | Y, N | Flag identifying whether or not beneficiary is covered under the DHP (Defense Health Program). Based upon Service Code, Member Category Code, Medical Privilege Code, Beneficiary Category, Medicare Eligibility, and Alternate Care Value. Y = DHPN = Not DHP | PEP | A.1.9 |
| dodflag | DOD Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary sponsor is in DOD (Department of Defense).Y = DoDN = Non-DoD | PEP | A.1.10 |
| fm\_base | FM, Base | Char | 2 | e.g., 01 | Fiscal Month, Base is the fiscal month of VM6BEN data used as a basis for projections. | PEP | A.1.11 |
| fy | FY | Char | 4 | e.g., 2011 | Fiscal Year of Projected Eligible Population. | PEP | A.1.12 |
| fy\_base | FY, Base | Char | 4 | e.g. 2012 | Fiscal Year, Base is the fiscal year of VM6BEN data used as a basis for projections. | PEP | A.1.13 |
| sex | Gender | Char | 1 | F, M, Z | The classification of a person according to reproductive functions. Based upon PN\_SEX\_CD, from VM6BEN, derived in MDR Processing.F = FemaleM = MaleZ = Unknown | PEP | A.1.14 |
| marketid | Market Area ID | Char | 3 | e.g., 016 | TRO Market Area Identification values. Prior to stand up of Tnex, this field contained Lead Agent Market IDs. Contains the same value for every service in a particular ZIP Code, Year, and Month combination. | VM6BEN,OMNI CAD | A.3.3 |
| medpartaflag | Medicare Part A Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is eligible for Medicare Part A. Based upon D\_MDC\_ELIG\_CD in the VM6BEN.Y = Eligible for Medicare Part AN = Not Eligible for Medicare Part A | PEP | A.1.15 |
| medpartbflag | Medicare Part B Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is eligible for Medicare Part B. Based upon D\_MDC\_ELIG\_CD in the VM6BEN.Y = Eligible for Medicare Part BN = Not Eligible for Medicare Part B | PEP | A.1.16 |
| mtf | MTF Service Area ID | Char | 4 | 0001-9999 | The Military Treatment Facility Service Area DMIS IDs are based on beneficiary zip code, sponsor service, FY and FM and the MTF Service Area CAD. The MTF Service Area CAD has Inpatient and Outpatient US authorized enrollment site catchment and non-catchment areas. Catchment areas are zip codes whose geographic centroids are within 40 miles. Excludes geographic and policy barriered Zip codes and historical facility location calculations. Invalid zip codes are included. Used by TROs North and West. | VM6BEN, OMNI CAD | A.3.4 |
| mtfcmd | MTF Service Area Command | Char | 8 | e.g., SRMC | The Military Treatment Facility Service Area command. | DMIS ID Index | A.4.6 |
| mtfflag | MTF Flag | Char | 1 | Y, N | Flag identifying whether a DMIS ID is in a catchment or non-catchment region for the MTF Service Area CAD. Use the MTF Service Area ID, to look up the facility type code in the DMIS ID Index file.Y = Catchment of the MTF Service Area CADN = Non-catchment of the MTF Service Area CAD | DMIS ID Index | A.4.7 |
| mtfmsma | MTF Service Area MSMA | Char | 3 | e.g., 03 | The Military Treatment Facility MSMA (Multi-Service Market Area). | DMIS ID Index | A.4.8 |
| mtfname | MTF Service Area Name | Char | 42 | e.g., TMC 9-FT.CARSON | The Military Treatment Facility Service Area name. | DMIS ID Index | A.4.9 |
| mtfsvc | MTF Service Area Military Service | Char | 1 | A, C, F, J, M, N, O, S, T, V, X, Blank | The Military Treatment Facility branch of service. A = Army C = Coast GuardF = Air ForceJ = US Defense Attache Office (USDAO)M = Marine CorpsN = NavyO = OtherS = Non-CatchmentT = US Family Health Plan Facility (USTF)V = VAX = Not Valid, Unknownblank = Unknown | DMIS ID Index | A.4.10 |
| op5svc | OP5 Sponsor Service  | Char | 1 | e.g., A | Sponsor’s branch of service, grouped for OP5 President’s Objective Memorandum reporting. Based upon D\_SPON\_BR\_SVC\_CD in VM6BEN. | PEP | A.1.17 |
| pbben | Presidents Budget Beneficiary Category | Char | 1 | 1,2,4,5,6,7, 8,E,F | Breakout of beneficiary category created for President’s Budget Reporting. Active Duty and Active Guard Reserve are lumped into category 1. Based upon Beneficiary Category Detail, created in PEP. | PEP | A.1.18 |
| pbbendetail | Presidents Budget Beneficiary Category Detail | Char | 1 | 1,2,3,4,5,6,7,8,E,F | Breakout of beneficiary category created for President’s Budget Reporting. Active Duty is category 1 and Active Guard Reserve is category 3. Based upon Beneficiary Category Detail, created in PEP. This variable is used for the PB POM reports as well as the Private Sector Care reports. | PEP | A.1.19 |
| pbcycle | Presidents Budget Cycle | Char | 4 | e.g., 2012 | The PEP is calculated in support of budget planning for the Program Objective Memorandum of future years, based upon data from a specific President’s Budget Year. The Active Duty and Guard/Reserve End Strength inputs from the Comptroller’s Office, retiree and survival inputs from the DoD Actuary, and the Inactive Guard/Reserve and Other inputs, calculated internally are all reported by the same PB Cycle. | PEP | A.1.20 |
| pbmedeligflag | Presidents Budget Medicare Eligibility Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is eligible for Medicare Eligibility, as established for the President’s Budget Report. Based upon Beneficiary Category Detail and President’s Budget Privilege Code. | PEP | A.1.21 |
| pbpriv | Presidents Budget Privilege Code | Char | 1 | 1, 2, 4, 5, 6, 7, 8, A, B, R, U | Code identifying the type of MHS eligibility for medical benefits, established for the President’s Budget Report. | PEP | A.1.22 |
| pbusflag | Presidents Budget US Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is located in the US, established for President’s Budget reports. Flag is derived based upon the DRVD\_LOC\_ST\_CD and DRVD\_LOC\_CTRY\_CD variables from VM6BEN. | PEP | A.1.23 |
| benprojflag | Population Projected Flag | Char | 1 | Y, N | Flag identifying whether the PEP Beneficiary Count is a projected value, or not. If it’s not, then the count is the actual number of eligible beneficiaries from DEERS.Y = ProjectedN = Actual | PEP | A.1.24 |
| psaflag | Prime Service Area | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is within a Prime Service Area.Y = Yes (Prime Service Area)N = No (not Prime Service Area) | VM6BEN, OMNI CAD | A.3.5 |
| prism | PRISM Area ID | Char | 4 | 0001-9999 | The PRISM (Provider Requirement Integrated Specialty Model) Area DMIS ID based on beneficiary zip code, sponsor service, FY, FM and the PRISM Area CAD. The PRISM area represents roughly a 20-mile area surrounding stand-alone MTFs. | VM6BEN, OMNI CAD | A.3.6 |
| prismcmd | PRISM Area Command | Char | 8 | e.g., SRMC | The PRISM area command. See Appendix A.1.35 in the PEP Functional Specification for a complete description. | DMIS ID Index | A.4.11 |
| prismflag | PRISM Flag | Char | 1 | Y, N | Flag identifying whether a DMIS ID is in a catchment or non-catchment region for the PRISM CAD. Use the PRISM Area ID, to look up the facility type code in the DMIS ID Index file. Y = Catchment of the PRISM CADN = Non-catchment of the PRISM CAD | DMIS ID Index | A.4.12 |
| prismmsma | PRISM Area MSMA | Char | 3 | e.g., 03 | PRISM MSMA (Multi-Service Market Area). | DMIS ID Index | A.4.13 |
| prismname | PRISM Area Name | Char | 42 | e.g., TMC 9-FT.CARSON | The name of the PRISM area facility. | DMIS ID Index | A.4.14 |
| prismsvc | PRISM Area Military Service | Char | 1 | A, C, F, J, M, N, O, S, T, V, X, Blank | The PRISM Area branch of service. A = Army C = Coast GuardF = Air ForceJ = US Defense Attache Office (USDAO)M = Marine CorpsN = NavyO = OtherS = Non-CatchmentT = US Family Health Plan Facility (USTF)V = VAX = Not Valid, Unknownblank = Unknown | DMIS ID Index | A.4.15 |
| pscmedelig | Private Sector Care Medicare Eligibility | Char | 1 | 1, 2, 3, 4 | Beneficiary Medicare Eligibility grouped for Private Sector Care reporting. Based upon Medicare Part A and Part B Flags, from D\_MDC\_ELIG\_CD in VM6BEN.1 = Dual Eligible for Medicare Part A and B2 = Not Eligible for Medicare Part A3 = Not Eligible for Medicare Part B4 = Not Eligible for Medicare Part A or B | PEP | A.1.25 |
| pscsvc | Private Sector Care Sponsor Service | Char | 1 | A, F, N, O | Sponsor Service grouped for Private Sector Care reporting. Based upon D\_SPON\_BR\_SVC\_CD in VM6BEN. A=ArmyF=Air ForceN=Navy, Marine Corps, and Navy AfloatO=All Others | PEP | A.1.26 |
| medpriv | Privilege Code | Char | 1 | 0, 1, 2, 3, 4, 5, 6, 7, 8, A, B, C, M, U | Code indicating type of eligibility for medical benefits. D\_ELG\_CD, derived in MDR Processing.0=Not Eligible for MHS benefits1=Direct Care Only2=Direct Care and MHS Purchased Care3=Not Eligible, some dependents eligible4=Transitional Direct Care Only5=Transitional Direct Care and MHS Purchased Care6=Transitional Direct Care and Medicare A Only7=Direct Care and Medicare A Only8=OtherA=Direct Care, MHS Purchased Care, Medicare AB=Transitional Direct Care, MHS Purchased Care, Medicare AC=CHAMPUS OnlyM=TRICARE for Life OnlyU=USFHP/USTF Enrollee | VM6BEN | A.2.9 |
| releasedt | Release Date | Char | 8 | Eg. 20111004 | The date the PEP MDR SAS dataset is finalized, having gone through internal quality assurance. On this date it is ready to be transferred to DHSS. At some later date, this dataset will be uploaded to the MDR, in coordination with DHSS. | PEP | A.1.27 |
| sandben | Sandchart Beneficiary Category | Char | 1 | 1, 2, 3, 4 | Beneficiary category established for the Sandchart reports. Based upon Beneficiary Category Detail. 1 = Active Duty and Active Guard/Reserve2 = Active Duty and Active Guard/Reserve Family Members3 = Retirees4 = Retiree Family Members and All Others | PEP | A.1.28 |
| sandbendetail | Sandchart Beneficiary Category Detail | Char | 1 | 1, 2, 3, 4, 5 | Beneficiary category established for the Sandchart reports, to break out Medicare Eligible beneficiaries from all the other categories. Based upon Presidents Budget Privilege code and Presidents Budget Beneficiary Category.1 = Active Duty and Active Guard/Reserve2 = Active Duty and Active Guard/Reserve Family Members3 = Retirees4 = Retiree Family Members and All Others5 = Medicare Eligible | PEP | A.1.29 |
| sandmedeligflag | Sandchart Medicare Eligibility Flag | Char | 1 | Y, N | Flag identifying whether or not beneficiary is eligible for Medicare, as needed for the Sandchart. Based upon Presidents Budget Privilege Code. Y = Yes (Medicare Eligible)N = No (Not Medicare Eligible) | PEP | A.1.30 |
| sandpriv | Sandchart Privilege Code | Char | 1 | 1, 2, 3, 4, Z | Medical Privilege code of the beneficiary as needed for the Sandchart. Based upon the Presidents Budget Privilege Code.1 = Direct Care Only2 = Direct Care and Purchased Care3 = Direct Care and Medicare Part A4 = USFHPZ = Unknown/Other | PEP | A.1.31 |
| sponrank | Sponsor Rank Code | Char | 1 | 0,1,2,3 | The code representing the sponsor rank. Based upon PAY\_PLN\_CD, from the VM6BEN derived in MDR processing.0 = Not Applicable1 = Enlisted2 = Officer3 = Cadet | PEP | A.1.32 |
| sponagg | Sponsor Service Aggregate | Char | 1 | e.g., A | The branch of service of the sponsor. Based upon D\_SPON\_BR\_SVC\_CD, derived in MDR processing. | VM6BEN | A.2.10 |
| tprflag | TPR Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary derived zip code is designated as TRICARE Prime Remote.Y = Yes (TPR)N = No (not TPR) | VM6BEN, OMNI CAD | A.3.7 |
| trrflag | TRR Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is enrolled in TRICARE Retired Reserve. Based on MDR\_ACV, derived in MDR Processing.Y = Yes (enrolled in TRR)N = No (not enrolled in TRR) | PEP | A.1.33 |
| trsflag | TRS Flag | Char | 1 | Y, N | Flag identifying whether or not the Guard/Reserve beneficiary is enrolled in TRICARE Reserve Select. Based upon the Presidents Budget Privilege Code. Y = Yes (enrolled in TRS)N = No (not enrolled in TRS) | PEP | A.1.34 |
| tyaflag | TYA Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is enrolled in TRICARE Young Adult. D\_TYA\_FLAG, from the VM6BEN derived in MDR processing.Y = Yes (enrolled in TYA)N = No (not enrolled in TYA) | VM6BEN | A.2.11 |
| uloczip | Unit Location US Postal Region Zip Code | Char | 5 | Eg. 80011 | The ZIP identifier of the person’s work location. ULOC\_PR\_ZIP\_CD, from the VM6BEN derived in MDR Processing. | VM6BEN | A.2.12 |
| usloc | US Location | Char | 1 | 1, 2, 3 | Code for the location based on DRVD\_LOC\_ST\_CD and DRVD\_LOC\_CTRY\_CD, from the VM6BEN derived in MDR Processing.1=US48 (Continental US 48 States)2=AKHI (Alaska and Hawaii)3=OCON (All Other, Overseas) | PEP | A.1.35 |
| usfhpflag | USFHP Flag | Char | 1 | Y, N | Flag identifying whether or not the beneficiary is eligible for Uniformed Services Family Health Plan.Y = Yes (enrolled in USFHP)N = No (not enrolled in USFHP) | PEP | A.1.36 |

Note:

1. Data values for VM6BEN source data are listed in the MDR Functional Specifications, DEERS VM6 table located at the following URL: [link http://www.tricare.mil/ocfo/bea/functional\_specs.cfm](http://www.tricare.mil/ocfo/bea/functional_specs.cfm)
2. OMNI CAD source data values are listed in the OMNI-CAD & Markets Functional Specifications, at the URL above.
3. DMIS ID Index source data values are listed in the MDR Data Dictionary, DMIS ID Index table.
4. The definitions of the values of data elements may change; it is recommended for users to verify the values.

APPENDIX A: Derived FIELDS

**A.1 PEP Derived Field Requirements**

This section documents the requirements for the fields derived during the calculation of the PEP. These requirements were identified by the TRICARE Management Activity (TMA) Defense Health Cost Analysis and Program Evaluation (DHCAPE). An overview of the derived fields and their requirement identification numbers are presented in Table A-1. The specific requirements for each field are discussed in a separate subsection.

Table A-1: PEP Derived Field Requirements

| Requirement ID | Element | Name |
| --- | --- | --- |
| 1 | age65flag | Age 65 Flag |
| 2 | bencatdetail | Beneficiary Category Detail |
| 3 | bencount | Beneficiary Count |
| 4 | benhsscresdetail | Beneficiary HSSC Res Detail |
| 5 | cboben | CBO Beneficiary Category |
| 6 | cbomedelig | CBO Medicare Eligibility |
| 7 | cbotamp | CBO TAMP Code |
| 8 | conusflag | CONUS Flag |
| 9 | dhpflag | DHP Flag |
| 10 | dodflag | DOD Flag |
| 11 | fm\_base | FM, Base |
| 12 | fy | FY |
| 13 | fy\_base | FY, Base |
| 14 | sex | Gender |
| 15 | medpartaflag | Medicare Part A Flag |
| 16 | medpartbflag | Medicare Part B Flag |
| 17 | op5svc | OP5 Sponsor Service |
| 18 | pbben | Presidents Budget Beneficiary Category |
| 19 | pbbendetail | Presidents Budget Beneficiary Category Detail |
| 20 | pbcycle | Presidents Budget Cycle |
| 21 | pbmedeligflag | Presidents Budget Medicare Eligibility Flag |
| 22 | pbpriv | Presidents Budget Privilege Code |
| 23 | pbusflag | Presidents Budget US Flag |
| 24 | benprojflag | Population Projected Flag |
| 25 | pscmedelig | Private Sector Care Medicare Eligibility |
| 26 | pscsvc | Private Sector Care Sponsor Service |
| 27 | releasedt | Release Date |
| 28 | sandben | Sandchart Beneficiary Category |
| 29 | sandbendetail | Sandchart Beneficiary Category Detail |
| 30 | sandmedeligflag | Sandchart Medicare Eligibility Flag |
| 31 | sandpriv | Sandchart Medical Privilege |
| 32 | sponrank | Sponsor Rank Code |
| 33 | trrflag | TRR Flag |
| 34 | trsflag | TRS Flag |
| 35 | usloc | US Location |
| 36 | usfhpflag | USFHP Flag |

A.1.1 Requirement 1: Age 65 Flag (age65flag)

Valid values for age65flag shall be:

* Y
* N

The logic for assigning age65flag is as follows:

* if D\_AGE\_GROUP\_CD **=** ‘H’ then age65flag = 'Y';
* else age65flag = 'N';

The age65flag values are defined as:

Y = Yes, 65+

N = No, <65

If the beneficiary age is greater than or equal to 65, then age65flag shall be Y. If beneficiary age is less than 65, then age65flag shall be N. D\_AGE\_GROUP\_CD is defined in DEERS VM6BEN Data Dictionary.

A.1.2 Requirement 2: Beneficiary Category Detail (bencatdetail)

Valid values for bencatdetail shall be:

* 1
* 2
* 5
* 6
* 7
* 8
* A
* B
* C
* D
* E
* F
* G
* H
* I
* J
* Z

The logic for assigning bencatdetail is listed in Appendix B.

The bencatdetail values are defined as:

1 = Active Duty

2 = Active Duty Family Members

5 = Retired

6 = Retired Family Members

7 = Survivors

8 = Others

A = Guard and Reserve for Air Force and Army

B = Guard and Reserve Family Members for Air Force and Army

C = Guard and Reserve for Navy, Marines, and Navy Afloat

D = Guard and Reserve Family Members for Navy, Marines, and Navy Afloat

E = Inactive Guard and Reserve with TRICARE Reserve Select (TRS)

F = Inactive Guard and Reserve Family Members with TRS

G = Inactive Guard and Reserve with Transitional Assistance Management Plan (TAMP)

H = Inactive Guard and Reserve Family Members with TAMP

I = Inactive Guard and Reserve with Other

J = Inactive Guard and Reserve Family Members with Other

Z = Unknown

The bencatdetail is an expanded breakout of beneficiary category. It is derived using: SVC\_CD, MBR\_CAT\_CD, D\_ELG\_CD, R\_BEN\_CAT\_CD, D\_MDC\_ELIG\_CD, and MDR\_ACV. Definitions of these field can be found in DEERS VM6BEN Data Dictionary.

A.1.3 Requirement 3: Beneficiary Count (bencount)

Valid values for bencount shall be:

* Positive whole number integers, starting from 0.

bencount is the number of eligible beneficiaries. For the current year, it is the actual number of eligible beneficiaries, according to DEERS. For future years, bencount is the projected number of eligible beneficiaries, as calculated by OCFO DHCAPE. Use the benprojflag field to determine whether the number is an actual or projected value.

A.1.4 Requirement 4: Beneficiary HSSC Res Detail (benhsscresdetail)

Valid values for benhsscresdetail shall be:

* A
* C
* E
* N
* O
* P
* S
* W
* Z

The logic for assigning benhsscresdetail is as follows:

* if D\_HSSC\_RES\_RGN\_CD ='A' then benhsscresdetail ='A';
* else if D\_HSSC\_RES\_RGN\_CD ='N' then benhsscresdetail ='N';
* else if D\_HSSC\_RES\_RGN\_CD ='S' then benhsscresdetail ='S';
* else if D\_HSSC\_RES\_RGN\_CD ='W' then benhsscresdetail ='W';
* else if D\_HSSC\_RES\_RGN\_CD ='O' then do;
* /\*13=TRICARE EUROPE 20=TRSP EUROPE\*/
* if DRVD\_LOC\_MHS\_RGN\_CD in ('13', '20') then benhsscresdetail ='E';
* /\*15=TRICARE LATIN AMERICA\_CANADA 22=TRSP TRICARE LATIN
* AMERICA\_CANADA\*/
* else if DRVD\_LOC\_MHS\_RGN\_CD in ('15', '22') then benhsscresdetail ='C';
* /\*14=TRICARE PACIFIC 21=TRSP PACIFIC\*/
* else if DRVD\_LOC\_MHS\_RGN\_CD in ('14', '21') then benhsscresdetail ='P';
* /\* other OCONUS \*/
* else benhsscresdetail ='O';
* end;
* else benhsscresdetail ='Z';

benhsscresdetail values are defined as:

A = Alaska

C = Canada/Latin America

E = Europe/Africa

N = North

O = Other OCONUS

P = Pacific

S = South

W = West

Z = Unknown and Blank

The benhsscresdetail is derived using DRVD\_LOC\_MHS\_RGN\_CD and D\_HSSC\_RES\_RGN\_CD. These fields are defined in DEERS VM6BEN Data Dictionary.

A.1.5 Requirement 5: CBO Beneficiary Category (cboben)

Valid values for cboben shall be:

* 1
* 2
* 3
* 4
* 5
* 6
* 7
* 8
* E
* F

The logic for assigning cboben is as follows:

* if pbbendetail in ('1','2','3','4','5','6','7') then cboben=pbbendetail;
* else if pbbendetail in ('8','E','F') then cboben='8';

The cboben values are defined as:

1 = Active Duty

2 = Active Duty Family Member

3 = Guard and Reserve

4 = Guard and Reserve Family Member

5 = Retired

6 = Retired Family Member

7 = Survivor

8 = Other

E = Inactive Guard and Reserve with TRS/TAMP/OTHER

F = Inactive Guard and Reserve Family Member with TRS/TAMP/OTHER

The cboben is a breakout of beneficiary category created especially for the Congressional Budget Office (CBO). It is derived using pbbendetail (See Requirement A.1.19).

A.1.6 Requirement 6: CBO Medicare Eligibility (cbomedelig)

Valid values for cbomedelig shall be:

* 1
* 2
* 3

The logic for assigning cbomedelig is as follows:

* if medpartaflag='Y' then do;
* if age65flag='N' then cbomedelig='1';
* else cbomedelig='2';
* end;
* else cbomedelig='3';

 cbomedelig values are defined as:

1 = Medicare Eligible, Age Under 65

2 = Medicare Eligible, Age Greater Than or Equal to 65

3 = Not Medicare Eligible

cbomedelig is based upon the medpartaflag which is derived using D\_MDC\_ELIG\_CD (See Requirement A.1.16). D\_MDC\_ELIG\_CD is defined in DEERS VM6BEN Data Dictionary.

A.1.7 Requirement 7: CBO TAMP Code (cbotamp)

Valid values for cbotamp shall be:

* 1
* 2
* 3

The logic for assigning cbotamp is created by checking date ranges to ensure the beneficiary is TAMP enrolled:

* /\* Automate the conversion of FY, FM to CY, CM \*/
* %if
* &mm. < 4
* %then
* %do;
* %let CM=%eval(&mm. + 9);
* %let CY=%substr(%eval(20&yy. - 1), 3, 2);
* %end;
* %else
* %do;
* %let CM=0%eval(&mm. - 3);
* %let CY=&yy.;
* %end;
* /\* define CBO TAMP classifications - cbotamp \*/
* extractdt=mdy(&cm.,1,&cy.);
* if PNLEC\_TYP\_CD='33' and
* (input(PNLEC\_BGN\_DT,yymmdd8.)<=extractdt and PNLEC\_BGN\_DT^='')
* then cbotamp='1';
* else if PNLEC\_TYP\_CD in
* ('20', '21', '22', '23', '24', '25', '26','31', '34', '35', '36', '37', '39', '40', '41') and
* (input(PNLEC\_END\_DT,yymmdd8.)>=extractdt or PNLEC\_END\_DT='')
* then cbotamp='2';
* else cbotamp='3';

cbotamp classifies beneficiaries as:

1=Early Alert

2=All Other TAMP

3=No TAMP

cbotamp is based upon the PNLEC\_TYP\_CD, PNLEC\_BGN\_DT, PNLEC\_END\_DT, and extract date. These fields are defined in DEERS VM6BEN Data Dictionary.

A.1.8 Requirement 8: CONUS Flag (conusflag)

Valid values for conusflag shall be:

* Y
* N

The logic for assigning conusflag is as follows:

* if DRVD\_LOC\_CTRY\_CD =’US’ then do;
* pbusflag=’Y’;
* if DRVD\_LOC\_ST\_CD not in (‘AK’, ‘HI’) then do;
* usloc=’1’;
* conusflag=’Y’;
* End;
* Else do;
* usloc=’2’;
* conusflag=’N’;
* end;
* End;
* Else do;
* Pbusflag=’N’;
* Conusflag=’N’;
* usloc=’3’;
* End;

The conusflag groups eligible beneficiaries into two locations: Y is CONUS (Continental United States) and N is not CONUS. The conusflag is derived using DRVD\_LOC\_ST\_CD and DRVD\_LOC\_CTRY\_CD. These two fields are defined in DEERS VM6BEN Data Dictionary.

A.1.9 Requirement 9: DHP Flag (dhpflag)

Valid values for dhpflag shall be:

* Y
* N

The logic for assigning dhpflag is as follows:

* if pbbendetail in ('1', '3') then do;
* pbmedeligflag='N';
* dhpflag='Y';
* end;
* else do;
* if pbpriv in ('6', '7', 'A', 'B') then do;
* pbmedeligflag='Y';
* dhpflag='N';
* end;
* else do;
* pbmedeligflag='N';
* dhpflag='Y';
* end;
* end;

dhpflag values are defined as:

Y = Yes, Defense Health Program

N = No, not Defense Health Program

The dhpflag indicates whether or not beneficiaries are covered by the Defense Health Program. This is important for budget exercises, such as the Presidents Budget reporting. Dhpflag designates all Active Duty and Guard Reserve as being DHP, even though there are a very small number of MERHCF eligibles in this category. Dhpflag is based upon pbbendetail and pbpriv; defined in Requirements A.1.19 and A.1.22, respectively.

A.1.10 Requirement 10: DOD Flag (dodflag)

Valid values for dodflag shall be:

* Y
* N

The logic for assigning dodflag is as follows:

* if D\_SPON\_BR\_SVC\_CD in ('A', 'N', 'F', 'M', 'V') then dodflag='Y';
* else if D\_SPON\_BR\_SVC\_CD in ('C', 'X', 'Z') then dodflag='N';
* else dodflag='N';

dodflag values are defined as:

Y = Yes, Department of Defense

N = No, not Department of Defense

The dodflag variable indicates whether or not the sponsor branch of service is part of the Department of Defense. Dodflag is based upon D\_SPON\_BR\_SVC\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.1.11 Requirement 11: FM, Base (fm\_base)

Valid values for fm\_base shall be:

* 01
* 02
* 03
* 04
* 05
* 06
* 07
* 08
* 09
* 10
* 11
* 12

The fm\_base is the fiscal month of the VM6BEN data used as the basis for projections. The base fiscal month will be the most recent fully completed month of DEERS VM6BEN data available at the time the PEP is generated. For example, if PEP numbers are generated in June, then the base fiscal month data set used will be DEERS VM6BEN data from March (fiscal month 6), as this is considered the most recent fully completed month.

A.1.12 Requirement 12: FY (fy)

Valid values for fy shall be:

* Four digit character (YYYY) ranging from the current fiscal year to seven future fiscal years out.

There will be eight fiscal years represented in the data: the current fiscal year, and seven future fiscal years. For example in fiscal year 2011, the fy values will range from 2011 to 2018.

A.1.13 Requirement 13: FY, Base (fy\_base)

Valid values for fy\_base shall be:

* Four digit character (YYYY)

The fy\_base is the fiscal year of the VM6BEN data used as the basis for projections.

A.1.14 Requirement 14: Gender (sex)

Valid values for sex shall be:

* F
* M
* Z

The logic for assigning sex is as follows:

* if PN\_SEX\_CD not in ('M','F') then sex='Z';
* else sex = PN\_SEX\_CD;

sex values are defined as:

F = Female

M = Male

Z = Unknown

The sex is derived using PN\_SEX\_CD, which is defined in the DEERS VM6BEN Data Dictionary. For PN\_SEX\_CD, in addition to F and M values, there are values of blank, U, and Z which will all be reclassified as Z, for Unknown.

A.1.15 Requirement 15: Medicare Part A Flag (medpartaflag)

Valid values for medpartaflag shall be:

* Y
* N

The logic for assigning medpartaflag is as follows:

* if D\_MDC\_ELIG\_CD in ('A', 'C') then medpartaflag ='Y';
* else medpartaflag ='N';

medpartaflag values are defined as:

Y = Yes, Medicare Part A Eligible

N = No, not Medicare Part A Eligible

The medpartaflag indicates whether or not the beneficiary is eligible for Medicare Part A. It is derived using D\_MDC\_ELIG\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.1.16 Requirement 16: Medicare Part B Flag (medpartbflag)

Valid values for medpartbflag shall be:

* Y
* N

The logic for assigning medpartbflag is as follows:

* if D\_MDC\_ELIG\_CD in ('B', 'C') then medpartbflag ='Y';
* else medpartbflag ='N';

medpartbflag values are defined as:

* Y = Yes, Medicare Part B Eligible
* N = No, not Medicare Part B Eligible

The medpartbflag indicates whether or not the beneficiary is eligible for Medicare Part B. It is derived using D\_MDC\_ELIG\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.1.17 Requirement 17: OP5 Sponsor Service (op5svc)

Valid values for op5svc shall be:

* A
* C
* F
* M
* N
* V
* O

The logic for assigning op5svc is as follows:

* if D\_SPON\_BR\_SVC\_CD in ('A', 'C', 'F', 'M', 'N', 'V') then
* op5svc=D\_SPON\_BR\_SVC\_CD;
* else op5svc='O';

op5svc values are defined as:

A = Army

C = Coast Guard

F = Air Force

M = Marines

N = Navy

V = Navy Afloat

O = Other

The op5svc is derived using D\_SPON\_BR\_SVC\_CD, which is defined in the DEERS VM6BEN Data Dictionary. For D\_SPON\_BR\_SVC\_CD records with values of X and Z, the op5svc will be O, for Other. All other values will remain the same.

A.1.18 Requirement 18: Presidents Budget Beneficiary Category (pbben)

Valid values for pbben shall be:

* 1
* 2
* 4
* 5
* 6
* 7
* 8
* E
* F

The logic for assigning pbben is as follows:

* pbben=pbbendetail;
* if pbbendetail = '3' then pbben = '1';

The pbben values are defined as:

1 = Active Duty, Guard and Reserve

2 = Active Duty Family Member

4 = Guard and Reserve Family Member

5 = Retired

6 = Retired Family Member

7 = Survivor

8 = Other

E = Inactive Guard and Reserve with TRS/TAMP/OTHER

F = Inactive Guard and Reserve Family Member with TRS/TAMP/OTHER

The pbben is a breakout of beneficiary category created especially for the President’s Budget Reports. For the President’s Budget reports, traditionally the Guard and Reserve are lumped together with the Active Duty. Pbben is derived using pbbendetail (See Requirement A.1.19).

A.1.19 Requirement 19: Presidents Budget Beneficiary Category (pbbendetail)

Valid values for pbbendetail shall be:

* 1
* 2
* 3
* 4
* 5
* 6
* 7
* 8
* E
* F

The logic for assigning pbbendetail is as follows:

* if bencatdetail in ('1', '2', '3', '4', '5', '6', '7', '8') then pbbendetail=bencatdetail;
* else if bencatdetail in ('A', 'C') then pbbendetail='3';
* else if bencatdetail in ('B', 'D') then pbbendetail='4';
* else if bencatdetail in ('E', 'G', 'I') then pbbendetail='E';
* else if bencatdetail in ('F', 'H', 'J') then pbbendetail='F';

The pbbendetail values are defined as:

1 = Active Duty

2 = Active Duty Family Member

3 = Guard and Reserve

4 = Guard and Reserve Family Member

5 = Retired

6 = Retired Family Member

7 = Survivor

8 = Other

E = Inactive Guard and Reserve with TRS/TAMP/OTHER

F = Inactive Guard and Reserve Family Member with TRS/TAMP/OTHER

The pbbendetail is a breakout of beneficiary category created especially for the President’s Budget Reports. Pbbendetail is derived using bencatdetail (See Requirement A.1.2).

A.1.20 Requirement 20: Presidents Budget Cycle (pbcycle)

Valid values for fy shall be:

* Four digit character (YYYY)

The Presidents Budget cycle is the year corresponding to the official end strength numbers received published by the Comptroller’s Office. For example, for the PEP release in June of 2011, the pbcycle was 2012, as the official end strength used for the release represented the PB12 cycle.

A.1.21 Requirement 21: Presidents Budget Medicare Eligibility Flag (pbmedeligflag)

Valid values for pbmedeligflag shall be:

* Y
* N

The logic for assigning pbmedeligflag is as follows:

* if pbbendetail in ('1', '3')
* then do;
* pbmedeligflag='N';
* dhpflag='Y';
* end;
* else do; if pbpriv in ('6', '7', 'A', 'B')
* then do;
* pbmedeligflag='Y';
* dhpflag='N';
* end;
* else do;
* pbmedeligflag='N';
* dhpflag='Y';
* end;
* end;

pbmedeligflag values are defined as:

Y = Yes, Medicare Eligible

N = No, not Medicare Eligible

The pbmedeligflag indicates whether or not the beneficiary is eligible for Medicare. It is derived using pbbendetail and pbpriv, as defined by Requirements A.1.19 and A.1.22, respectively.

A.1.22 Requirement 22: Presidents Budget Privilege Code (pbpriv)

Valid values for pbpriv shall be:

* 1
* 2
* 4
* 5
* 6
* 7
* 8
* A
* B
* R
* U

The logic for assigning pbpriv is derived using DEERS VM6BEN fields: D\_ELG\_CD, D\_MDC\_ELIG\_CD, MBR\_CAT\_CD, SVC\_CD, MDR\_ACV and bencatdetail as defined by Requirement A.1.2.

* See Appendix B.

The pbpriv values are defined as:

1 = Direct Care Only

2 = Direct Care and Purchased Care

4 = Direct Care Only, Transitional

5 = Direct Care and Purchased Care, Transitional

6 = Direct Care and Medicare A Only, Transitional

7 = Direct Care and Medicare A Only

8 = Unknown

A = Direct Care and Purchased Care and Medicare A

B = Direct Care and Purchased Care and Medicare A, Transitional

R = TRICARE Reserve Select Enrollee

U = Uniformed Services Family Health Plan Enrollee

A.1.23 Requirement 23: Presidents Budget US Flag (pbusflag)

Valid values for pbusflag shall be:

* Y
* N

The logic for assigning pbusflag is as follows:

* if DRVD\_LOC\_CTRY\_CD =’US’ then do;
* pbusflag=’Y’;
* if DRVD\_LOC\_ST\_CD not in (‘AK’, ‘HI’) then do;
* usloc=’1’;
* conusflag=’Y’;
* End;
* Else do;
* usloc=’2’;
* conusflag=’N’;
* end;
* End;
* Else do;
* Pbusflag=’N’;
* Conusflag=’N’;
* usloc=’3’;
* End;

The pbusflag values are defined as:

Y=Yes, in US

N=No, not in US

The pbusflag field groups eligible beneficiaries into two locations: Y is US (United States) and N is not US. DRVD\_LOC\_ST\_CD and DRVD\_LOC\_CTRY\_CD are defined in DEERS VM6BEN Data Dictionary.

A.1.24 Requirement 24: Population Projected Flag (benprojflag)

Benprojflag is a flag identifying whether or not the Beneficiary Count is projected or actual.

Valid values for benprojflag shall be:

* Y
* N

The logic for assigning benprojflag is as follows:

* if fy=fybase then benprojflag='N';
* else benprojflag='Y';

The benprojflag values are defined as:

Y = Yes, the beneficiary count is a projected number

N = No, the beneficiary count is the actual number of eligible beneficiaries

A.1.25 Requirement 25: Private Sector Care Medicare Eligibility (pscmedelig)

Valid values for pscmedelig shall be:

* 1
* 2
* 3
* 4

The logic for assigning pscmedelig is as follows:

* if medpartaflag='Y' and medpartbflag='Y' then pscmedelig='1';
* else if medpartaflag='Y' and medpartbflag='N' then pscmedelig='2';
* else if medpartaflag='N' and medpartbflag='Y' then pscmedelig='3';
* else pscmedelig='4';

The pscmedelig values are defined as:

1 = Dual Medicare Eligible, both Parts A and B

2 = Medicare Part A only

3 = Medicare Part B only

4 = Not Medicare Eligible

The pscmedelig indicates whether or not the beneficiary is eligible for Medicare, and if so what type. It is derived using medpartaflag and medpartbflag, as defined by Requirements A.1.15 and A.1.16, respectively.

A.1.26 Requirement 26: Private Sector Care Sponsor Service (pscsvc)

Valid values for pscsvc shall be:

* A
* F
* N
* O

The logic for assigning pscsvc is as follows:

* if D\_SPON\_BR\_SVC\_CD in ('N', 'M', 'V') then pscsvc='N';
* else if D\_SPON\_BR\_SVC\_CD in ('A', 'F') then pscsvc=D\_SPON\_BR\_SVC\_CD;
* else pscsvc='O'; /\* O = other \*/

The pscsvc values are defined as:

A = Army

F = Air Force

N = Navy

O = Other

The pscsvc is derived using D\_SPON\_BR\_SVC\_CD, which is defined in the DEERS VM6BEN Data Dictionary. For D\_SPON\_BR\_SVC\_CD records with values of X and Z, the pscsvc will be O. For D\_SPON\_BR\_SVC\_CD records with values of N, M, and V, the pscsvc will be N. All other values will remain the same.

A.1.27 Requirement 27: Release Date (releasedt)

Valid values for releasedt shall be an 8 byte character string, with the format of YYYYMMDD. For example, 20111004, is October 4, 2011. The releasedt is the date the PEP MDR SAS dataset is finalized, having gone through internal quality assurance. On this date it is ready to be transferred to DHSS. At some later date, this dataset will be uploaded to the MDR, in coordination with DHSS.

A.1.28 Requirement 28: Sandchart Beneficiary Category (sandben)

Valid values for sandben shall be:

* 1
* 2
* 3
* 4

The logic for assigning sandben is as follows:

* if bencatdetail in ('1', 'A', 'C') then sandben='1';
* else if bencatdetail in ('2', 'B', 'D') then sandben='2';
* else if bencatdetail='5' then sandben='3';
* else if bencatdetail in ('6', '7', '8', 'E', 'F', 'G', 'H', 'I', 'J') then sandben='4';

The sandben values are defined as:

1 = Active Duty and Active Guard/Reserve

2 = Active Duty and Active Guard/Reserve Family Members

3 = Retirees

4 = Retiree Family Members and All Others

The sandben is a breakout of beneficiary category created especially for the President’s Budget Sandchart Report. Sandben is derived using bencatdetail (See Requirement A.1.2).

A.1.29 Requirement 29: Sandchart Beneficiary Category Detail (sandbendetail)

Valid values for sandbendetail shall be:

* 1
* 2
* 3
* 4
* 5

The logic for assigning sandbendetail is as follows:

* if pbpriv in ('6','7')
* then do;
* sandbendetail = '5';
* sandmedeligflag='Y';
* end;
* else do;
* sandmedeligflag='N';
* if pbben in ('1','3') then sandbendetail = '1';
* else if pbben in ('2','4') then sandbendetail = '2';
* else if pbben = '5' then sandbendetail = '3';
* else sandbendetail = '4';
* end;

The sandbendetail values are defined as:

1 = Active Duty and Active Guard/Reserve

2 = Active Duty and Active Guard/Reserve Family Members

3 = Retirees

4 = Retiree Family Members and All Others

5 = Medicare Eligible

The sandbendetail is a breakout of beneficiary category created especially for the President’s Budget Sandchart Report. Medicare eligible beneficiaries are separated from the other beneficiary categories. Sandbendetail is derived using pbpriv and pbben, with Requirement A.1.18 and A.1.22, respectively.

A.1.30 Requirement 30: Sandchart Medicare Eligibility Flag (sandmedeligflag)

Valid values for sandmedeligflag shall be:

* Y
* N

The logic for assigning sandmedeligflag is as follows:

* if pbpriv in ('6','7')
* then do;
* sandbendetail = '5';
* sandmedeligflag='Y';
* end;
* else do;
* sandmedeligflag='N';
* if pbben in ('1','3') then sandbendetail = '1';
* else if pbben in ('2','4') then sandbendetail = '2';
* else if pbben = '5' then sandbendetail = '3';
* else sandbendetail = '4';
* end;

The sandmedeligflag values are defined as:

Y = Yes, Medicare Eligible

N = No, Not Medicare Eligible

The sandmedeligflag indicates whether or not the beneficiary is eligible for Medicare. It is derived using pbpriv, as defined by Requirements A.1.18.

A.1.31 Requirement 31: Sandchart Privilege Code (sandpriv)

Valid values for sandpriv shall be:

* 1
* 2
* 3
* 4
* Z

The logic for assigning sandpriv is as follows:

* if pbpriv in ('1', '4') then sandpriv='1';
* else if pbpriv in ('2', '5', 'A', 'B', 'R') then sandpriv='2';
* else if pbpriv in ('6', '7') then sandpriv='3';
* else if pbpriv='U' then sandpriv='4';
* else sandpriv='Z';

The sandpriv values are defined as:

1 = Direct Care Only

2 = Direct Care and Purchased Care

3 = Direct Care and Medicare Part A

4 = Uniformed Services Family Health Plan

Z = Unknown and Other

The sandpriv indicates medical privilege category, as needed for the Presidents Budget Sandchart reports. It is derived using pbpriv, as defined by Requirements A.1.18.

A.1.32 Requirement 32: Sponsor Rank Code (sponrank)

Valid values for sponrank shall be:

* 0
* 1
* 2
* 3

The logic for assigning sponrank is as follows:

* if PAY\_PLN\_CD='ME' then sponrank='1';
* else if PAY\_PLN\_CD in ('MW','MO') then sponrank='2';
* else if PAY\_PLN\_CD='MC' then sponrank='3';
* else sponrank='0';

The sponrank values are defined as:

0 = Not Applicable

1 = Enlisted

2 = Officer

3 = Cadet

The sponrank indicates the rank of the sponsor. It is derived using PAY\_PLN\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.1.33 Requirement 3: Tricare Reserve Retired Flag (trrflag)

Valid values for trrflag shall be:

* Y
* N

The logic for assigning trrflag is as follows:

* if MDR\_ACV='V' then trrflag='Y';
* else trrflag='N';

The trrflag values are defined as:

Y = Yes (enrolled in TRICARE Reserve Retired)

N = No (not enrolled in TRICARE Reserve Retired)

The trrflag indicates whether or not the beneficiary is enrolled in TRR. It is derived using MDR\_ACV, which is defined in the DEERS VM6BEN Data Dictionary.

A.1.34 Requirement 34: TRICARE Reserve Select Flag (trsflag)

Valid values for trsflag shall be:

* Y
* N

The logic for assigning trsflag is as follows:

* if pbpriv = 'R' then trsflag = 'Y';
* else trsflag = 'N';

The trsflag values are defined as:

Y = Yes (enrolled in TRICARE Reserve Select)

N = No (not enrolled in TRICARE Reserve Select)

The trsflag indicates whether or not the beneficiary is enrolled in TRS. It is derived using pbpriv, as defined by Requirements A.1.18.

A.1.35 Requirement 35: US Location (usloc)

Valid values for usloc shall be:

* 1
* 2
* 3

The logic for assigning usloc is as follows:

* if DRVD\_LOC\_CTRY\_CD =’US’ then do;
* pbusflag=’Y’;
* if DRVD\_LOC\_ST\_CD not in (‘AK’, ‘HI’) then do;
* usloc=’1’;
* conusflag=’Y’;
* End;
* Else do;
* usloc=’2’;
* conusflag=’N’;
* end;
* End;
* Else do;
* Pbusflag=’N’;
* Conusflag=’N’;
* usloc=’3’;
* End;

The usloc values are defined as:

1 = US48

2 = AKHI

3 = OCON

The usloc field groups eligible beneficiaries into three locations: US48 is the 48 continental United States, AKHI is Alaska and Hawaii, and OCON is all other locations. This gives the greatest flexibility by users to either group Alaska and Hawaii with the 48 states, to form the entire country of the USA (for a USA vs. Worldwide split) or to group Alaska and Hawaii with OCON (for a CONUS vs. OCONUS split). DRVD\_LOC\_ST\_CD and DRVD\_LOC\_CTRY\_CD are defined in DEERS VM6BEN Data Dictionary.

**A.1.36 Requirement 36: Uniformed Services Family Health Plan (usfhpflag)**

Valid values for usfhp shall be:

* Y
* N

The logic for assigning usfhp is as follows:

* if pbpriv = 'U' then usfhpflag = 'Y';
* else usfhpflag = 'N';

The usfhp values are defined as:

Y = Yes (Uniformed Services Family Health Plan enrollee)

N = No (not a Uniformed Services Family Health Plan enrollee)

The usfhpflag indicates whether or not the beneficiary is enrolled in USFHP. It is derived using pbpriv, as defined by Requirements A.1.18.

A.2 PEP Derived Field Requirements (VM6BEN)

This section documents the requirements for the PEP fields derived directly, with no transformation, from variables in the VM6BEN dataset. These requirements were identified by the TRICARE Management Activity (TMA) Defense Health Cost Analysis and Program Evaluation (DHCAPE). An overview of the derived fields and the requirement identification numbers are presented in Table A-2. The specific requirements for each field are discussed in the following subsection.

Table A-2: PEP Derived Field Requirements

| Requirement ID | Element | Name |
| --- | --- | --- |
| 1 | agegrp | Age Group Code |
| 2 | assignuic | Assigned UIC |
| 3 | comben | Ben Cat Common |
| 4 | bencat | Beneficiary Category |
| 5 | benhsscres | Beneficiary HSSC Res Region |
| 6 | benzip | Beneficiary Zip Code |
| 7 | country | Country |
| 8 | countrysub | Country Subdivision |
| 9 | medpriv | Privilege Code |
| 10 | sponagg | Sponsor Service Aggregate |
| 11 | tyaflag | TYA Flag |
| 12 | uloczip | Unit Location US Postal Region Zip Code |

A.2.1 Requirement 1: Age Group Code (agegrp)

Valid values for agegrp shall be:

* A
* B
* C
* D
* E
* F
* G
* H
* Z

The agegroup values are defined as:

A = 0 to 4

B = 5 to 14

C = 15 to 17

D = 18 to 24

E = 35 to 44

F = 45 to 64

G = 45 to 64

H = 65 and over

Z = Unknown

Agegroup is derived directly from D\_AGE\_GROUP\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.2.2 Requirement 2: Assigned UIC (assignuic)

The assignuic is the unit identification code which an active duty, guard, or reserve sponsor is officially assigned. Based directly upon ASSGN\_UIC in DEERS VM6BEN Data Dictionary. See the MDR Data Dictionary for each services’ naming convention. Values are too numerous to list.

A.2.3 Requirement 3: Ben Cat Common (comben)

Valid values for comben shall be:

* 1
* 2
* 3
* 4

The comben values are defined as:

1 = Dependent of Active Duty and Guard

2 = Retired

3 = Dependent of Retired, Survivor, Other, and Unknown

4 = Active Duty and Guard

Comben is derived directly from D\_COM\_BEN\_CAT\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.2.4 Requirement 4: Beneficiary Category (bencat)

Valid values for bencat shall be:

* ACT
* RET
* GRD
* DA
* DR
* DS
* DGR
* IGR
* IDG
* OTH
* Z

The bencat values are defined as:

ACT = Active Duty

RET = Retiree

GRD = Active Guard and Reserve

DA = Dependent of Active Duty

DS = Dependent Survivor

DGR = Dependent of Active Guard or Reserve

IGR = Inactive Guard and Reserve

IDG = Dependent of Inactive Guard or Reserve

OTH = Other

Z = Unknown

Bencat is derived directly from R\_BEN\_CAT\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.2.5 Requirement 5: Beneficiary HSSC Res (benhsscres)

Valid values for benhsscres shall be:

* A
* N
* O
* S
* W
* Blank

The benhsscres values are defined as:

A = Alaska

N = North

O = OCONUS

S = South

W = West

Blank = Unknown and Blank

The benhsscres is derived directly from D\_HSSC\_RES\_RGN\_CD, which is defined in DEERS VM6BEN Data Dictionary.

A.2.6 Requirement 6: Beneficiary Zip Code (benzip)

The benzip is the identifier of the best guess of the person’s actual location. Zip code of residence for non-active duty/guard, zip code of assigned unit for active duty/guard. Based directly upon DRVD\_LOC\_PR\_ZIP\_CD in DEERS VM6BEN Data Dictionary. Values are too numerous to list.

A.2.7 Requirement 7: Country Code (country)

The country represents the best guess of the state of the beneficiary’s actual location. The country is derived directly from DRVD\_LOC\_CTRY\_CD, which is defined in DEERS VM6BEN Data Dictionary. Values are too numerous to list.

A.2.8 Requirement 8: Country Subdivision (countrysub)

The countrysub represents the best guess of the state of the beneficiary’s actual location. The countrysub is derived directly from DRVD\_LOC\_ST\_CD, which is defined in DEERS VM6BEN Data Dictionary. Values are too numerous to list.

A.2.9 Requirement 9: Privilege Code (medpriv)

Valid values for medpriv shall be:

* 0
* 1
* 2
* 3
* 4
* 5
* 6
* 7
* 8
* A
* B
* C
* M
* U

The medpriv values are defined as:

0 = Not Eligible for MHS benefits

1 = Direct Care Only

2 = Direct Care and MHS Purchased Care

3 = Not Eligible, some dependents eligible

4 = Transitional Direct Care Only

5 = Transitional Direct Care and MHS Purchased Care

6 = Transitional Direct Care and Medicare A Only

7 = Direct Care and Medicare A Only

8 = Other

A = Direct Care, MHS Purchased Care, Medicare A

B = Transitional Direct Care, MHS Purchased Care, Medicare A

C = CHAMPUS Only

M = TRICARE for Life Only

U = Uniformed Services Family Health Plan Enrollee

The medpriv is derived directly from D\_ELG\_CD, which is defined in DEERS VM6BEN Data Dictionary.

A.2.10 Requirement 10: Sponsor Service, Aggregate (sponagg)

Valid values for sponagg shall be:

* A
* C
* F
* M
* N
* V
* X
* Z

The sponagg values are defined as:

A = Army

C = Coast Guard

F = Air Force

M = Marines

N = Navy

V = Navy Afloat

X = Other

Z = Unknown

The sponagg is derived directly from D\_SPON\_BR\_SVC\_CD, which is defined in the DEERS VM6BEN Data Dictionary.

A.2.11 Requirement 11: TYA Flag (tyaflag)

Valid values for tyaflag shall be:

* Y
* N

The tyaflag values are defined as:

Y = Yes, TRICARE Young Adult Enrollee

N = No, not TRICARE Young Adult Enrollee

The tyaflag is derived directly from D\_TYA\_FLAG, which is defined in the DEERS VM6BEN Data Dictionary.

A.2.12 Requirement 12: Unit Location US Postal Region Zip Code (uloczip)

The uloczip is the zip identifier of the person’s work location. Based directly upon ULOC\_PR\_ZIP\_CD in DEERS VM6BEN Data Dictionary. Values are too numerous to list.

A.3 PEP Derived Field Requirements (VM6BEN and OMNI CAD)

This section documents the requirements for the PEP fields derived from merging the VM6BEN and OMNI CAD datasets, by DRVD\_LOC\_PR\_ZIP\_CD. These requirements were identified by the TRICARE Management Activity (TMA) Defense Health Cost Analysis and Program Evaluation (DHCAPE). An overview of the derived fields and the requirement identification numbers are presented in Table A-3. The specific requirements for each field are discussed in the following subsection.

Table A-3: PEP Derived Field Requirements

| Requirement ID | Element | Name |
| --- | --- | --- |
| 1 | benhsscenr | Beneficiary HSSC Enr Region |
| 2 | catch | Catchment Area ID |
| 3 | marketid | Market Area ID |
| 4 | mtf | MTF Service Area ID |
| 5 | psaflag | Prime Service Area |
| 6 | prism | PRISM Area ID |
| 7 | tprflag | TPR Flag |

**A.3.1 Requirement 1: Beneficiary HSSC Enr Region (benhsscenr)**

Benhsscenr is defined by using the beneficiary DRVD\_LOC\_PR\_ZIP\_CD, from the DEERS VM6BEN data, to identify the corresponding Health Services Support Contractor Region, HSSCREG, in the OMNI CAD dataset. If the DRVD\_LOC\_PR\_ZIP\_CD value does not exist in the OMNI CAD dataset, then hsscreg is set to blank.

**A.3.2 Requirement 2: Catchment Area ID (catch)**

Catch is defined by using the beneficiary DRVD\_LOC\_PR\_ZIP\_CD and the D\_SPON\_BR\_SVC\_CD from the DEERS VM6BEN data, to identify the corresponding Catchment Area ID, called A\_WORLD, F\_WORLD, N\_WORLD, and O\_WORLD, in the OMNI CAD dataset. If the DRVD\_LOC\_PR\_ZIP\_CD value does not exist in the OMNI CAD dataset, then catch is set to 0999.

The logic for assigning catch is as follows:

* if D\_SPON\_BR\_SVC\_CD='A' then do; /\* Army \*/
* catch=A\_WORLD;
* end;
* else if D\_SPON\_BR\_SVC\_CD='F' then do; /\* Air Force \*/
* catch=F\_WORLD;
* end;
* else if D\_SPON\_BR\_SVC\_CD in ('N', 'M', 'V') then do; /\* Navy & Marines \*/
* catch=N\_WORLD;
* end;
* else do; /\* all other \*/
* catch=O\_WORLD;
* end;

**A.3.3 Requirement 3: Market Area ID (marketid)**

Marketid is defined by using the beneficiary DRVD\_LOC\_PR\_ZIP\_CD, from the DEERS VM6BEN data, to identify the corresponding Lead Agent Market ID, LAMARKET, in the OMNI CAD dataset.

**A.3.4 Requirement 4: MTF Service Area ID (mtf)**

Mtf is defined by using the beneficiary DRVD\_LOC\_PR\_ZIP\_CD and the D\_SPON\_BR\_SVC\_CD from the DEERS VM6BEN data, to identify the corresponding MTF Service Area ID, called A\_BPA, F\_BPA, N\_BPA, and O\_BPA, in the OMNI CAD dataset. If the DRVD\_LOC\_PR\_ZIP\_CD value does not exist in the OMNI CAD dataset, then mtf is set to 0999.

The logic for assigning mtf is as follows:

* if D\_SPON\_BR\_SVC\_CD='A' then do; /\* Army \*/
* mtf=A\_BPA;
* end;
* else if D\_SPON\_BR\_SVC\_CD='F' then do; /\* Air Force \*/
* mtf=F\_BPA;
* end;
* else if D\_SPON\_BR\_SVC\_CD in ('N', 'M', 'V') then do; /\* Navy & Marines \*/
* mtf=N\_BPA;
* end;
* else do; /\* all other \*/
* mtf=O\_BPA;
* end;

A.3.5 Requirement 5: PSA Flag (psaflag)

Valid values for psaflag shall be:

* Y
* N

The psaflag values are defined as:

Y = Yes, the beneficiary zip code is within a Prime Service Area Region

N = No, the beneficiary zip code is not within a Prime Service Area Region

The psaflag is derived directly from Prime Service Area Flag, psaflag, value listed in the OMNI CAD dataset which is corresponding to the derived beneficiary zip code, DRVD\_LOC\_PR\_ZIP. If the beneficiary zip code does not exist in the OMNI CAD dataset, then the psaflag is set to N, for No.

**A.3.6 Requirement 6: PRISM Area ID (prism)**

Prism is defined by using the beneficiary DRVD\_LOC\_PR\_ZIP\_CD and the D\_SPON\_BR\_SVC\_CD from the DEERS VM6BEN data, to identify the corresponding PRISM Area ID, called A\_PRISM, F\_PRISM, N\_PRISM, and O\_PRISM, in the OMNI CAD dataset. If the DRVD\_LOC\_PR\_ZIP\_CD value does not exist in the OMNI CAD dataset, then catch is set to 0999.

The logic for assigning prism is as follows:

* if D\_SPON\_BR\_SVC\_CD='A' then do; /\* Army \*/
* prism=A\_PRISM;
* end;
* else if D\_SPON\_BR\_SVC\_CD='F' then do; /\* Air Force \*/
* prism=F\_PRISM;
* end;
* else if D\_SPON\_BR\_SVC\_CD in ('N', 'M', 'V') then do; /\* Navy & Marines \*/
* prism=N\_PRISM;
* end;
* else do; /\* all other \*/
* prism=O\_PRISM;
* end;

A.3.7 Requirement 7: TPR Flag (tprflag)

Valid values for tprflag shall be:

* Y
* N

The tprflag values are defined as:

Y = Yes, the beneficiary zip code is designated as TRICARE Prime Remote

N = No, the beneficiary zip code is not designated as TRICARE Prime Remote

The tprflag is derived directly from TRICARE Prime Remote Flag, tprflag, value listed in the OMNI CAD dataset which is corresponding to the derived beneficiary zip code, DRVD\_LOC\_PR\_ZIP. If the beneficiary zip code does not exist in the OMNI CAD dataset, then the tprflag is set to N, for No.

A.4 PEP Derived Field Requirements (DMIS ID Index Table)

This section documents the requirements for the PEP fields derived using the DMIS ID Index table in the MDR. These requirements were identified by the TRICARE Management Activity (TMA) Defense Health Cost Analysis and Program Evaluation (DHCAPE). An overview of the derived fields and the requirement identification numbers are presented in Table A-4. The specific requirements for each field are discussed in the following subsection.

Table A-4: PEP Derived Field Requirements

| Requirement ID | Element | Name |
| --- | --- | --- |
| 1 | catchcmd | Catchment Area Command |
| 2 | catchflag | Catchment Flag |
| 3 | catchmsma | Catchment Area MSMA |
| 4 | catchname | Catchment Area Name |
| 5 | catchsvc | Catchment Area Military Service |
| 6 | mtfcmd | MTF Service Area Command |
| 7 | mtfflag | MTF Flag |
| 8 | mtfmsma | MTF Service Area MSMA |
| 9 | mtfname | MTF Service Area Name |
| 10 | mtfsvc | MTF Service Area Military Service |
| 11 | prismcmd | PRISM Area Command |
| 12 | prismflag | PRISM Flag |
| 13 | prismmsma | PRISM Area MSMA |
| 14 | prismname | PRISM Area Name |
| 15 | prismsvc | PRISM Area Military Service |

**A.4.1 Requirement 1: Catchment Area Command (catchcmd)**

Catchcmd is defined by assigning a Major Command, majcmnd, value from the DMIS ID Index table, based upon the Catchment Area ID (as defined in Requirement A.3.2).

The logic for assigning catchcmd is as follows:

* data mjrcmd;
* length label $8;
* set dmis(keep=dmisid majcmnd rename=(dmisid=start majcmnd=label));
* retain fmtname 'mjrcmd' type 'c';
* run;
* catchcmd=put(catch,$mjrcmd.);

**A.4.2 Requirement 2: Catchment Flag (catchflag)**

Valid values for catchflag shall be:

* Y
* N

The logic for assigning catchflag is as follows:

* if upcase(put(catch,$factype.))='NONCAT' then catchflag='N';
* else catchflag='Y';

Catchflag values are defined as:

Y = Yes, the DMIS ID is within Catchment region

N = No, the DMIS ID is not within the Catchment region

**A.4.3 Requirement 3: Catchment Area MSMA (catchmsma)**

Catchmsma is defined by assigning a Multi-Service Market Identification, msm\_id, value from the DMIS ID Index table, based upon the Catchment Area ID (as defined in Requirement A.3.2). MSMA is Multi-Service Market Area.

The logic for assigning catchmsma is as follows:

* data msma;
* length label $3;
* set dmis(keep=dmisid msm\_id rename=(dmisid=start msm\_id=label));
* retain fmtname 'msma' type 'c';
* run;
* catchmsma=put(catch,$msma.);

**A.4.4 Requirement 4: Catchment Area Name (catchname)**

Catchname is defined by assigning a Facility Name, facnme, value from the DMIS ID Index table, based upon the Catchment Area ID (as defined in Requirement A.3.2).

The logic for assigning catchname is as follows:

* data facnme;
* length label $42;
* set dmis(keep=dmisid facnme rename=(dmisid=start facnme=label));
* retain fmtname 'facnme' type 'c';
* run;
* catchname=put(catch,$facnme.);

**A.4.5 Requirement 5: Catchment Area Military Service (catchsvc)**

Catchsvc is defined by assigning a Military Service, raw\_svc, value from the DMIS ID Index table, based upon the Catchment Area ID (as defined in Requirement A.3.2).

The logic for assigning catchsvc is as follows:

* data dmissvc;
* length label $1;
* set dmis(keep=dmisid raw\_svc rename=(dmisid=start raw\_svc=label));
* retain fmtname 'dmissvc' type 'c';
* run;
* catchsvc=put(catch,$dmissvc.);

**A.4.6 Requirement 6: MTF Service Area Command (mtfcmd)**

Mtfcmd is defined by assigning a Major Command, majcmnd, value from the DMIS ID Index table, based upon the MTF Service Area ID (as defined in Requirement A.3.4).

The logic for assigning mtfcmd is as follows:

* data mjrcmd;
* length label $8;
* set dmis(keep=dmisid majcmnd rename=(dmisid=start majcmnd=label));
* retain fmtname 'mjrcmd' type 'c';
* run;
* mtfcmd=put(mtf,$mjrcmd.);

**A.4.7 Requirement 7: MTF Flag (mtfflag)**

Valid values for mtfflag shall be:

* Y
* N

The logic for assigning mtfflag is as follows:

* if upcase(put(mtf,$factype.))='NONCAT' then mtfflag='N';
* else mtfflag='Y';

Mtfflag values are defined as:

Y = Yes, the DMIS IDis within MTF Service Area catchment region

N = No, the DMIS ID is not within the MTF Service Area catchment region

**A.4.8 Requirement 8: MTF Service Area MSMA (mtfmsma)**

Mtfmsma is defined by assigning a Multi-Service Market Identification, msm\_id, value from the DMIS ID Index table, based upon the MTF Service Area ID (as defined in Requirement A.3.4). MSMA is Multi-Service Market Area.

The logic for assigning mtfmsma is as follows:

* data msma;
* length label $3;
* set dmis(keep=dmisid msm\_id rename=(dmisid=start msm\_id=label));
* retain fmtname 'msma' type 'c';
* run;
* mtfmsma=put(mtf,$msma.);

**A.4.9 Requirement 9: MTF Service Area Name (mtfname)**

Mtfname is defined by assigning a Facility Name, facnme, value from the DMIS ID Index table, based upon the MTF Service Area ID (as defined in Requirement A.3.4).

The logic for assigning mtfname is as follows:

* data facnme;
* length label $42;
* set dmis(keep=dmisid facnme rename=(dmisid=start facnme=label));
* retain fmtname 'facnme' type 'c';
* run;
* mtfname=put(mtf,$facnme.);

**A.4.10 Requirement 10: MTF Service Area Military Service (mtfsvc)**

Mtfsvc is defined by assigning a Military Service, raw\_svc, value from the DMIS ID Index table, based upon the MTF Service Area ID (as defined in Requirement A.3.4).

The logic for assigning mtfsvc is as follows:

* data dmissvc;
* length label $1;
* set dmis(keep=dmisid raw\_svc rename=(dmisid=start raw\_svc=label));
* retain fmtname 'dmissvc' type 'c';
* run;
* mtfsvc=put(mtf,$dmissvc.);

**A.4.11 Requirement 11: PRISM Area Command (prismcmd)**

Prismcmd is defined by assigning a Major Command, majcmnd, value from the DMIS ID Index table, based upon the PRISM Area ID (as defined in Requirement A.3.5).

The logic for assigning prismcmd is as follows:

* data mjrcmd;
* length label $8;
* set dmis(keep=dmisid majcmnd rename=(dmisid=start majcmnd=label));
* retain fmtname 'mjrcmd' type 'c';
* run;
* prismcmd=put(prism,$mjrcmd.);

**A.4.12 Requirement 12: PRISM Flag (prismflag)**

Valid values for prismflag shall be:

* Y
* N

The logic for assigning prismflag is as follows:

* if upcase(put(prism,$factype.))='NONCAT' then prismflag='N';
* else prismflag='Y';

Prismflag values are defined as:

Y=Yes, the DMIS ID is within PRISM Area catchment region

N=No, the DMIS ID is not within the PRISM Area catchment region

**A.4.13 Requirement 13: PRISM Area MSMA (prismmsma)**

Prismmsma is defined by assigning a Multi-Service Market Identification, msm\_id, value from the DMIS ID Index table, based upon the PRISM Area ID (as defined in Requirement A.3.5). MSMA is Multi-Service Market Area.

The logic for assigning prismmsma is as follows:

* data msma;
* length label $3;
* set dmis(keep=dmisid msm\_id rename=(dmisid=start msm\_id=label));
* retain fmtname 'msma' type 'c';
* run;
* prismmsma=put(prism,$msma.);

**A.4.14 Requirement 14: PRISM Area Name (prismname)**

Prismname is defined by assigning a Facility Name, facnme, value from the DMIS ID Index table , based upon the PRISM Area ID (as defined in Requirement A.3.5).

The logic for assigning prismname is as follows:

* data facnme;
* length label $42;
* set dmis(keep=dmisid facnme rename=(dmisid=start facnme=label));
* retain fmtname 'facnme' type 'c';
* run;
* prismname=put(prism,$facnme.);

**A.4.15 Requirement 15: PRISM Area Military Service (prismsvc)**

Prismsvc is defined by assigning a Military Service, raw\_svc, value from the DMIS ID Index table, based upon the PRISM Area ID (as defined in Requirement A.3.5).

The logic for assigning prismsvc is as follows:

* data dmissvc;
* length label $1;
* set dmis(keep=dmisid raw\_svc rename=(dmisid=start raw\_svc=label));
* retain fmtname 'dmissvc' type 'c';
* run;

prismsvc=put(prism,$dmissvc.);

APPENDIX B: EXP\_MED\_PRIV\_CD and EXP\_BENCAT

| **DEERS Beneficiary****Category (**R\_BEN\_CAT\_CD) | **DEERS Medical Privilege (**D\_ELG\_CD) | **DEERS Medicare Eligible (**D\_MDC\_ELIG\_CD) | **Beneficiary Category Detail\*** (bencatdetail) | **President’s Budget Privilege\*** (pbpriv) | **Comments** |
| --- | --- | --- | --- | --- | --- |
| ACT | 1, 2, 4, 5 | N | 1 | 1 |  |
| 7, A, B | Y | 1 | 7 |  |
| U | N | 1 | 1 |  |
| DA | 1, 2, 4, 5, C | N | 2 | 2 |  |
| 6, 7 | Y | 2 | 7 |  |
| A, B, C | Y | 2 | A |  |
| U | N | 2 | U |  |
| DGR | 1 | N | B | 1 | Member Category Code=G,N; Sponsor Service not N,M,V |
| D | 1 |  |
| 2 | N | B | 2 | Member Category Code=G,N; Sponsor Service not N,M,V |
| D | 2 |  |
| 7 | Y | B | 7 | Member Category Code=G,N; Sponsor Service not N,M,V |
| D | 7 |  |
| A | Y | B | A | Member Category Code=G,N; Sponsor Service not N,M,V |
| D | A |  |
| C | N | B | 2 | Member Category Code=G,N; Sponsor Service not N,M,V,V |
| D | 2 |  |
| Y | B | A | Member Category Code=G,N; Sponsor Service not N,M,V |
| D | A |  |
| U | N | B | U | Member Category Code=G,N; Sponsor Service not N,M,V |
| D | U |  |
| DR | 1, M | N | 6 | 1 |  |
| 2, C | N | 6 | 2 |  |
| 4 | N | 6 | 4 |  |
| 5 | N | 6 | 5 |  |
| 6 | Y | 6 | 6 |  |
| 7, M | Y | 6 | 7 |  |
| A, C | Y | 6 | A |  |
| B | Y | 6 | B |  |
| U | N | 6 | U |  |
| DS | 1, M | N | 7 | 1 |  |
| 2, C | N | 7 | 2 |  |
| 4 | N | 7 | 4 |  |
| 7, M | Y | 7 | 7 |  |
| 7, C | Y | 7 | A |  |
| B | Y | 7 | B |  |
| U | N | 7 | U |  |
| GRD | 1, 2 | N | A | 1 | Member Category Code=G,N; Sponsor Service not N,M,V |
| C | 1 |  |
| 7 | Y | A | 7 | Member Category Code=G,N; Sponsor Service not N,M,V |
| C | 7 |  |
| A | Y | A | 7 | Member Category Code=G,N; Sponsor Service not N,M,V |
| U | N | A | 1 | Member Category Code=G,N; Sponsor Service not N,M,V |
| C | 1 |  |
| IDG | 1 | N | J | 1 |  |
| 2, A, U | N | F | R | ACV=R (TRS) |
| 2, C | N | J | 2 |  |
| 4 | N | H | 4 |  |
| 5 | N | H | 5 |  |
| 6 | Y | H | 6 |  |
| 7, M | Y | J | 7 |  |
| A, C | Y | J | A |  |
| B | Y | H | B |  |
| U | N | J | U |  |
| IGR | 1 | N | I | 1 |  |
| 2, A | N | E | R | ACV=R (TRS) |
| 2, C | N | I | 2 |  |
| 4 | N | G | 4 |  |
| 5 | N | G | 5 |  |
| 6 | Y | G | 6 |  |
| 7 | Y | I | 7 |  |
| A | Y | I | A |  |
| B | Y | G | B |  |
| M | Y | I | 7 |  |
| U | N | I | U |  |
| OTH | 1, M | N | 8 | 1 |  |
| 2, C | N | 8 | 2 |  |
| 4 | N | 8 | 4 |  |
| 5 | N | 8 | 5 |  |
| 6 | Y | 8 | 6 |  |
| 7, M | Y | 8 | 7 |  |
| 8 | N | 8 | 8 |  |
| A, C | Y | 8 | A |  |
| B | Y | 8 | B |  |
| U | N | 8 | U |  |
| RET | 1, M | N | 5 | 1 |  |
| 2, C | N | 5 | 2 |  |
| 4 | N | 5 | 4 |  |
| 5 | N | 5 | 5 |  |
| 6 | Y | 5 | 6 |  |
| 7, M | Y | 5 | 7 |  |
| A, C | Y | 5 | A |  |
| B | Y | 5 | B |  |
| U | N | 5 | U |  |

The Beneficiary Category Detail (bencatdetail) is an expanded breakout of beneficiary category. President’s Budget Privilege (pbpriv) is an expanded breakout of medical privilege. Both bencatdetail and pbpriv are derived using: SVC\_CD, MBR\_CAT\_CD, D\_ELG\_CD, R\_BEN\_CAT\_CD, D\_MDC\_ELIG\_CD, and MDR\_ACV. Definitions of these fields can be found in DEERS VM6BEN Data Dictionary.

**APPENDIX C: PEP (Projection of Eligible Population) Annual Derivation**

