**20 November 2013**

Purchased Care Dental Data

for the MHS Mart (M2)

(Version 1.05.02)

Current Specification

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Version** | **Date** | **Originator** | **Para/Tbl/Fig** | **Description of Change** |
| 1.01.00 | 06/18/2010 | A. Hong | * Whole document
 | * Initial versioning.
 |
| 1.01.01 | 07/07/2010 | K. Hutchinson | * Section II
* Section XI
 | * Removed “unless it is the last field” from the end of the paragraph.
* Clarified M2 location.
 |
| 1.01.02 | 07/15/2010 | W. Funk | * Section VII
* Section IX
 | * Clarified look up for reservist table
* Removed HSSC Region
* Removed provider prime service area
* Removed enrollment site of record reference
* Added GWOT and IIW references
* Added Age Group, Age Group Code, Enrollment Site, and Sponsor SSN to data layout
 |
| 1.01.03 | 08/26/2010 | L. Wright | * M2 Purchase Care Dental Feed Layout
 | * Changed “servcat” {beneficiary category} from length $5 to $6.
* Changed “raddpfl” {dental service area} from length $4 to $1.
 |
| 1.01.04 | 09/24/2010 | K. Hutchinson (for L. Wright) | * Section XI
 | * Modified object label for location in M2
 |
| 1.01.05 | 09/29/2010 | L. Wright | * Record Layout and Content
 | * Converted last exam dates coded as all zeros to nulls.
 |
| 1.02.00 | 04/28/2011 | W. Funk | * Section VII
 | * Renamed “GWOT” to “OCO”
 |
| 1.03.00 | 01/24/2012 | W.Funk | * Section I
* Table 4
* Table 5
* Appendix A
 | * Added MMSO
* Renamed Tmt DMISID and added 4 new data elements. Added TDP source column. Noted elements only available in restricted universe.
* Added a table to describe appended/inferred elements. Added pseudo person ID. Relabeled all elements with Tmt to use “Referring” instead.
* Description of preparation of one-time MMSO feed
 |
| 1.04.00 | 05/31/2012 | W. Funk | * Tables 4 and 5
 | * Changed a label.
* Added Paid FY and Paid FM
 |
| 1.05.00 | 04/04/2013 | K. Hutchinson for W. Funk | * Table 5
 | * Modified ACV Group for ACV R and V
 |
| 1.05.01 | 06/12/2013 | W. Funk | * Table 5
 | * Changed labels from Paid FY and Paid FM to Paid CY and Paid CM
 |
| 1.05.02 | 11/20/2013 | W. Funk | * Table 4
 | * Updated MDR TDP fields
* Updated “Processing Rule” for “source” field
 |

# Purchased Care Dental Data

1. Source: The Purchased Care Dental Data (PCDD) is provided to M2 by the MDR. The PCDD will eventually contain data for the Active Duty Dental Program (ADDP), TRICARE Dental Program (TDP), the Military Medical Support Office Supplemental Care Program (MMSO) and the TRICARE Retiree Dental Program (TRDP). This specification addresses all data feeds except for TRDP.
2. File Format: Regardless of the length specified, all fields are variable length and delimited by “|”. A null field will simply have an end of field delimiter “|” immediately following the previous field’s end of field delimiter.
3. File Content: One feed file for each source and fiscal year is provided to the M2 each time the MDR updates a source, with each feed file representing a complete replacement for the specific source type and fiscal year.
4. Organization and Batching: Each file consists of all records for all fiscal years being updated in MDR.
5. Frequency of Processing: Monthly refreshes, except for MMSO data, which is only provided one time and not removed.
6. Filters: Original batches include all netted dental line items that were accepted, and not cancelled or denied.
7. Updating the Master Tables: M2 tables are updated by removing records whose fiscal year and source match what is in the monthly feed file (can be obtained either from the feed file names[[1]](#footnote-1), or from the FY and Source data elements in the feeds), and then appending the new feeds.
8. Record Layout and Content

Table 4 contains the layout of the purchased care dental data feed to M2 from the MDR.

**Table 4: M2 Purchased Care Dental Data Feed Layout**

| **M2 Data Element** | **Format** | **TDP Name** | **ADDP Name** | **Processing Rule/Comments** |
| --- | --- | --- | --- | --- |
| ACV | $1 | acv | acv | No transformation |
| Amount Allowed | 9.2 | allow | allow | No transformation |
| Anterior/Posterior Flag | $1 | ap\_id | ap\_id | No transformation |
| Amount Paid | 9.2 | paid | approved | No transformation |
| Authorization Number | $16 | Leave blank | authnum | No transformation |
| Begin Date of Care | YYYYMMDD | begdate | begdate | No transformation |
| Beneficiary Category | $3 | bencat | bencat | No transformation |
| Amount Billed | 9.2 | bill | bill | No transformation  |
| Surface Indicator, Buccal | $1 | buc\_ind | buc\_ind | No transformation |
| Procedure Code | $5 | cdt | cdt | No transformation |
| Record ID | $13 | m2key | claimid | No transformation |
| CM | $2 | cm | cm | No transformation |
| Ben Cat Common  | $1 | comben | comben | No transformation |
| CY | $4 | cy | cy | No transformation |
| DTF Referral Indicator | $1 | Leave blank | d\_dtfref | No transformation |
| Beneficiary Zip Code | $5 | deerszip | deerszip | No transformation |
| Dental Readiness Classification | $1 | Leave blank | dentalclass | No transformation |
| Surface Indicator, Distal | $1 | dis\_ind | dis\_ind | No transformation |
| Referring DMIS ID(formerly Tmt DMIS ID) | $4 | Leave blank | dtf\_dmisid | No transformation |
| Sponsor Service | $1 | dsponsvc | dsponsvc | No transformation |
| Sponsor Service Aggregate | $1 | dsvcagg | dsvcagg | No transformation |
| Person ID  | $10 | edipn | edipn | No transformation. Only available in restricted universe. |
| End Date of Care | YYYYMMDD | enddate | enddate | No transformation |
| Ethnicity  | $1 | ethnic | ethnic | No transformation |
| Surface Indicator, Facial | $1 | fac\_ind | fac\_ind | No transformation |
| FM | $2 | fm | fm | No transformation |
| FY | $4 | fy | fy | No transformation |
| Provider Specialty, HIPAA | $10 | Leave blank | hipaaspec | No transformation |
| Surface Indicator, Incisal | $1 | inc\_ind | inc\_ind | No transformation |
| Last Exam Date | YYYYMMDD | lastexam | lastexam | If the field is coded with all zeros convert the date to a null value (blank) else no transformation to the field. |
| Line Item Number | $4 | linenum | linenum | No transformation |
| Medicare Eligibility | $1 | medflag | medflag | No transformation |
| Surface Indicator, Mesial | $1 | mes\_ind | mes\_ind | No transformation |
| Network Indicator | $1 | network | network | No transformation |
| Provider NPI | $14 | npi | npi | No transformation |
| Group NPI | $14 | Leave blank | npigroup | No transformation |
| Surface Indicator, Occlusial | $1 | occl\_ind | occl\_ind | No transformation |
| Amount OHI | 9.2 | ohi | ohi | No transformation |
| Oral Health Initiative Flag | $1 | Leave blank | oral\_ind | No transformation |
| Person Association Reason Code | $2 | parc | parc | No transformation |
| Age | 3. | patage | patage | No transformation |
| Date Of Birth | yyyymmdd | patdob | patdob | No transformation |
| Gender | $1 | patsex | patsex | No transformation |
| Provider ID | $9 | taxid | provid | No transformation |
| Provider Specialty | $3 | provspec | provspec | No transformation |
| Provider Zip Code | $5 | provzip | provzip | No transformation |
| Quadrant | $2 | quadrant | quadrant | No transformation |
| Race | $1 | race | race | No transformation |
| Dental Service Area | $1 | Leave blank | raddpfl | No transformation |
| Referral Number | $16 | Leave blank | refnum | No transformation |
| Replacement Reason | $1 | replrea | replrea | No transformation |
| Work RVU | 7.2 | rvu | rvu | No transformation |
| Dental Benefit Category | $6 | benefit | servcat | No transformation |
| Tooth Number | $2 | tooth | tooth | No transformation |
| Source of Claim | $4 | N/A | source | Derived in MDR during preparation of M2 feed. If the data in the feed file represents ADDP then set to ‘ADDP’; else if the feed data represents TDP then set to ‘TDP2 ‘, else if the feed source represents TRDP then set to ‘TRDP’ |
| Sponsor ID | $9 | sponssn | sponssn | No transformation. Only available in restricted universe. |
| Age Group Common | $1 | N/A | N/A | Derived in MDR during preparation of M2 Feed, based on age. A: [0-4], B: [5-14], C: [15-17], D: [18-24], E: [25-34], F: [35-44], G: [45-64], H: [65-69], I: [70-74], J: [75-79], K: [80-84], L: 85+. Set to Z if blank. |
| Age Group Code | $1 | agrgrp | agegrp | No transformation |
| Enrollment Site | $4 | denrsite | denrsite | No transformation |
| Paid Date | yyyymmdd | clmpddt | clmpddt | No transformation. |
| Dental Weighted Value | 5.2 | dwv | dwv | No transformation. |
| Number of Services | 3 | svcs | Set to 1 | No transformation. |

1. Appended Fields: The M2 has many data fields that are viewed in the M2 either by joining to another table, or through data element additions made during loading of the data. Table 5 describes these elements and the rules to create them.

Table 5: Appended/Inferred data elements visible in M2 but not in the data feed from the MDR

| **M2 Data Element** | **Processing Rule/Comments** |
| --- | --- |
| ACV Group | If ACV in (A, E, H or J) then set to “Prime”, else if ACV in (B, F) then set to “Overseas Remote”, else if ACV in (G, L) then set to “Plus”, else if ACV is U then set to “Desig Prov”, else if ACV in (R, V) then set to “Other”, else if ACV in (M, Q) then set to “Reliant”, else if Bencat Common = 4 then set to “Reliant”, else set to “Other”.  |
| Reservist Status Code | Join based on SSN and begin date of care from PCDD data between begin and end dates of reservist status in Reservist Table. If no match found, leave blank. See Reservist Specification for more information. |
| Special Operations Code |
| MTF Service Area | Aggregate sponsor service in the PCDD data so that A: Army, F: Air Force, N: Navy/Marines and O: Others. Then match PCDD data (Beneficiary zip code, FY/FM and the just-aggregated sponsor service) to the Market Table (zip code, FY/FM and service) to retrieve the required data element. If no match found, leave blank. See Market Table specification for more information. |
| PRISM Area ID |
| Catchment Area ID |
| Market Area ID | Match PCDD data by beneficiary zip code, FY and FM to the Market Table by zip code, FY and FM where the service is O to retrieve the required data element. If no match found, leave blank. See Market Table specification for more information. |
| Prime Service Area |
| TPR Flag |
| Beneficiary HSSC Region |
| Beneficiary Region |
| Provider PRISM Area ID | Match PCDD data by provider zip code, FY and FM to the Market Table by zip code, FY and FM where the service is O to retrieve the required data element. If no match found, leave blank. See Market Table specification for more information. |
| Provider Catchment Area ID |
| Provider Market Area ID |
| Referring DMIS ID Name | Match PCDD data by Referring DMISID and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| Referring DMIS ID Command |
| Referring DMIS ID DHP Code |
| Referring DMIS ID HSSC Region |
| Referring DMIS ID Military Service |
| Referring DMIS ID MSMA |
| Referring DMIS ID Region |
| Referring Parent DMIS ID |
| Referring Parent DMIS ID Name | Match PCDD data by referring parent DMISID and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| Enrollment Site Name | Match PCDD data by enrollment site and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| Enrollment Site Command |
| Enrollment Site DHP Code |
| Enrollment Site HSSC Region |
| Enrollment Site Military Service |
| Enrollment Site MSMA |
| Enrollment Site Region |
| Enrollment Parent DMIS ID |
| Enrollment Parent DMIS ID Name | Match PCDD data by enrollment parent DMISID and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| MTF Service Area Name | Match PCDD data by MTF Service Area and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| Catchment Area Name | Match PCDD data by Catchment Area ID and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| Catchment Area Command |
| Catchment Area Military Service |
| Catchment Area MSMA |
| PRISM Area Name | Match PCDD data by PRISM Area ID and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| PRISM Area Command |
| PRISM Area Military Service |
| PRISM Area MSMA |
| Provider Catchment Area Name | Match PCDD data by Provider Catchment Area ID and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| Provider Catchment Area MSMA |
| Provider Catchment Area HSSC Region |
| Provider PRISM Area Name | Match PCDD data by Provider Catchment Area ID and FY to the DMIS ID Index table (DMISID, FY) to retrieve the required data element. If no match found, leave blank. See DMIS ID specification for more information. |
| Provider PRISM Area MSMA |
| Pseudo Sponsor ID | Confidential algorithm to encrypt sponsor ID. Must be consistent with all other M2 tables. |
| Pseudo Person ID | Confidential algorithm to encrypt person ID. Must be consistent with all other M2 tables. |
| Number of Line Items | Count of unique record ID/line item numbers |
| Ever Deployed Flag (OCO) | Match to CTS by sponssn if the PCDD begin date is between the CTS begin and end dates. If no match, set to N, else set to Y. |
| Days Since Most Recent OCO Deployment (Dimension) | Match to CTS by sponssn if the PCDD begin date is between the CTS begin and end dates. If Deployment Record Flag = ’D’ then set to 0. If Deployment Record Flag = “B” set to PCDD begin date – CTS begin date. If no matching record set to 0. |
| Days Since Return from OCO Deployment (Measure) | Match to CTS by sponssn if the PCDD begin date is between the CTS begin and end dates. If Deployment Record Flag = ’D’ then set to 0. If Deployment Record Flag = “B” set to PCDD begin date – CTS begin date. If no matching record set to 0. |
| Cumulative OCO Deployed Days | Match to CTS by sponssn if the PCDD begin date is between the CTS begin and end dates. If Deployment Record Flag = ”D” and Cumulative OCO Deployed Days is null then set to PCDD Begin Date – CTS Begin Date; Else if Deployment Record Flag = “D” then set to Cumulative OCO Days Deployed + (PCDD Begin Date – CTS Begin Date);Else if Deployment Record Flag = “B” then set to Cumulative OCO Days Deployed;If no matching record, set to null. |
| OCO Deployed Flag | Match to CTS by sponssn if the PCDD begin date is between the CTS begin and end dates. If Deployment Record Flag = “D”, set to ‘Y’; else (including if no matching record) set to ‘N’ |
| IIW Flag | Match to IIW table based on person ID. If a match is found set to “Y”, else set to “N”. |
| Beneficiary First Name | Match to Master Person Index based on person ID to retrieve the required element. Only visible in restricted universe. |
| Beneficiary Last Name |
| Beneficiary Name |
| Paid CY | Derive from paid date. (Please do not alter logic. Simply change the label to match the logic.) |
| Paid CM | Derive from paid date. (Please do not alter logic. Simply change the label to match the logic.) |

1. Quality Review
* Record counts should be match those contained in the transmittal letter representing each feed, which will not be feed frequencies, but frequencies from the MDR files that were used to prepare each feed.
* The first and last 10 records in the files should be visually inspected to ensure proper formatting after loading
1. File Location

Health Care Services / Dental / Purchased Care Dental

1. Special Outputs: N/A

**Appendix A: Description of Preparation Rules for MMSO Data Feed for M2 Purchased Care Data File**

| **M2 Data Element** | **Format** | **MMSO Element** | **Format in MMSO data** |
| --- | --- | --- | --- |
| ACV | $1  | N/A | Derive from LVM based on begin date of care |
| Age | 3 | N/A | Derive from date of birth and begin date of care |
| Age Group Code | $1  | N/A | Derive from age |
| Age Group Common | $1 | N/A | Derive from age. A: [0-4], B: [5-14], C: [15-17], D: [18-24], E: [25-34], F: [35-44], G: [45-64], H: [65-69], I: [70-74], J: [75-79], K: [80-84], L: 85+. Set to Z if blank. |
| Amount Allowed | 9.2 | amtapprv | Format as 9.2 |
| Amount Billed | 9.2 | charge | Format as 9.2 |
| Amount OHI | 9.2 | N/A | Set to 0. Format as 9.2 |
| Amount Paid | 9.2 | amtapprv | Format as 9.2 |
| Anterior/Posterior Flag | $1  | N/A | TBD: Map based on oral cavity |
| Authorization Number | $16  | N/A | Set to blank |
| Begin Date of Care | YYYYMMDD | carbgndt | Ensure format is the same as M2 expects |
| Ben Cat Common  | $1  | N/A | Derive from LVM based on begin date of care |
| Beneficiary Category | $3  | N/A | Derive from LVM based on begin date of care |
| Beneficiary Zip Code | $5  | N/A | Derive from LVM based on begin date of care |
| CM | $2  | N/A | Derive from end date of care |
| CY | $4  | N/A | Derive from end date of care |
| Date Of Birth | yyyymmdd | patdob | Ensure format is the same as M2 expects |
| Dental Benefit Category | $6  | N/A | Set to blank |
| Dental Readiness Classification | $1  | N/A | Set to blank |
| Dental Service Area | $1  | N/A | Set to blank |
| DTF Referral Indicator | $1  | refrlcd | May need to map from Y/N to 0/1 to get what M2 expects |
| End Date of Care | YYYYMMDD | carenddt | Ensure format is the same as M2 expects |
| Enrollment Site | $4  | N/A | Derive from LVM based on begin date of care |
| Ethnicity  | $1  | N/A | Derive from LVM based on begin date of care |
| FM | $2  | N/A | Derive from end date of care |
| FY | $4  | N/A | Derive from end date of care |
| Gender | $1  | gender | Ensure coding schema is the same as the M2 PCDD Table expects |
| Group NPI | $14  | N/A | Set to blank |
| Last Exam Date | YYYYMMDD | N/A | Set to blank |
| Line Item Number | $4  | linum | Check to see if we need to add leading zeroes. |
| Medicare Eligibility | $1  | N/A | Derive from LVM based on begin date of care |
| Network Indicator | $1  | N/A | Set to blank |
| Oral Health Initiative Flag | $1  | N/A | Set to blank |
| Person Association Reason Code | $2  | N/A | Derive from MPI merge |
| Person ID  | $10  | edipn | No transformation |
| Procedure Code | $5  | proccd | 1st 5 characters |
| Provider ID | $9  | provid | No transformation |
| Provider NPI | $14  | npi | No transformation |
| Provider Specialty | $3  | N/A | Set to blank |
| Provider Specialty, HIPAA | $10  | N/A | Set to blank |
| Provider Zip Code | $5  | faczip | 1st 5 characters |
| Quadrant | $2  | N/A | TBD: Map based on oral cavity |
| Race | $1  | N/A | Derive from LVM based on begin date of care |
| Record ID | $13  | clmid | No transformation |
| Referral Number | $16  | N/A | Set to blank |
| Replacement Reason | $1  | N/A | Set to blank |
| Source of Claim | $4  | N/A | Set to "MMSO" |
| Sponsor ID | $9  | N/A | From MPI merge |
| Sponsor Service | $1  | N/A | Derive from LVM based on begin date of care |
| Sponsor Service Aggregate | $1  | N/A | Derive from LVM based on begin date of care |
| Surface Indicator, Buccal | $1  | N/A | TBD: Try to map based on "tooth surface" |
| Surface Indicator, Distal | $1  | N/A |
| Surface Indicator, Facial | $1  | N/A |
| Surface Indicator, Incisal | $1  | N/A |
| Surface Indicator, Mesial | $1  | N/A |
| Surface Indicator, Occlusial | $1  | N/A |
| Tmt DMIS ID | $4  | refrlfac | No transformation |
| Tooth Number | $2  | toothnum | No transformation |
| Work RVU | 7.2 | N/A | Set to RVU from M2 CPT/HCPCS Table, based on matching calendar year of begin date of care |

1. The feeds will use a standardized naming convention. We propose mdr.ars.pcdd.<source>,<fy>.dyymmdd.txt where the source is either ADDP, TDP or TDP, the FY represents the year of data in the feed file, and yymmdd represent the processing date. [↑](#footnote-ref-1)