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Medicare Beneficiary Database Suite of Systems (MBDSS)
Interface Control Document (ICD)
Territory Beneficiary Query (TBQ)

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REVISION HISTORY

Version	Date	Organization/ Point of Contact	Description of Changes
1.0	07/05/2007	NGC/Byron Earley	Baseline document for FINAL.
2.0	12/02/2008	NGC/Charles Lee	Updated to include Territory Beneficiary Eligibility Query and Response (MAPD_0888).
3.0	03/19/2009	NGC/Charles Lee	Updated file format for CMSBEQR to include Part D/RDS Indicator and Uncovered Months Data.
4.0	06/18/2009	NGC/George Hartley	Updates for MAPD 1226: expand valid State Code values; split BEQ and TBQ into separate ICDs.
4.1	09/11/2009	NGC/George Hartley	Corrected typo: “states and territories” replaces “health plans”.
4.2	01/05/2011	NGC/George Hartley	Corrected filler length for position 2889 (was 11; now 14 bytes).
4.3	06/06/2011	NGC/George Hartley/Linda Plitt	Converted document into 508-compliant ICD; Added validation email requirements; Updated Valid Values for the Processed Flag field in table 8.
4.4	11/09/2011	NGC/George Hartley	Added 5 new occurrences of Clinical Dialysis dates for MAPD2182 to response file.
4.5	12/01/2011	NGC/George Hartley	MAPD2335 – updated description of valid values for Processed Flag.
4.6	02/05/2013	NGC/George Hartley	Add MMP Opt Out indicator.
4.7	02/05/2015	NGC/Nancy Porter	MAPD2800 – Added acceptance email with counts to Appendix A. MAPD2760 – Changed format of residence address (not currently populated) and replaced single occurrence of Incarcerated Period with Benefit Suspension Period. Added nine more occurrences of Benefit Suspension Period.
4.8	02/24/2015	NGC/Nancy Porter	Backed out 2760 changes and updated MAPD2800 changes.
4.9	10/14/2015	NGC/Nancy Porter	Added Medicare Plan Ineligibility Periods (Both Incarceration and Not Lawful), Changed format for the Residence Address.
5.0	11/2/2015	NGC/Nancy Porter	Added Note to description for positions 2873-2882.

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Version	Date	Organization/ Point of Contact	Description of Changes
5.0	11/4/2015	NGC/Nancy Porter	Changed record lengths for response header and trailer.
5.1	12/2/2015	NGC/Nancy Porter	Added explanation that changes to positions 2873-2888, 3196-3339 and 3340-3499 are dependent on implementation of MAPD2760 and MAPD2793.
5.2	5/18/2016	NGC/Nancy Porter	Deleted valid value 'Z99' from Beneficiary's Part A Third Party Premium Payer Code (positions 2020-2022)
5.3	03/12/2017	NGC/Horace Higgins	<p>Made the following changes based on CR MAPD3067:</p> <ul style="list-style-type: none"> Section 6.2.4.2, Data Assembly Characteristics – Changed the value under the Length column in Table 7 from 3600 to 4000; Section 6.2.4.3, Field/Element Definition – Made the following changes: <ul style="list-style-type: none"> For the last row in Table 8 and Table 10 with "Filler" listed under the Data Field column, changed the value under the Length and Position columns; Made the following changes to Table 9: <ul style="list-style-type: none"> Inserted the rows with the six occurrences of the Beneficiary MBI; and For the last row with "Filler" listed under the Data Field column, changed the value under the Length and Position columns. Section 9, Acronyms – Inserted the rows with "CR" and "MBI" listed under the Acronyms column of the corresponding table.
5.4	05/30/2017	NGC/Horace Higgins	Based on feedback received from CMS, changed the values for the Position and Length attributes of some of the data elements listed under the MBI Data section of Table 9.

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Version	Date	Organization/ Point of Contact	Description of Changes
5.5	06/21/2017	NGC/Horace Higgins	<p>Made the following changes to specific rows in Table 9 under Section 6.2.4.3, Field/Element Definition, based on CR MAPD3060:</p> <ul style="list-style-type: none">• For the row with “Beneficiary’s MBI Effective Reason Code (occurrence 1)” listed under the Data Field column, updated the list of codes under the Comments column; and• For the row with “Beneficiary’s MBI End Reason Code (occurrence 1)” listed under the Data Field column, updated the list of codes under the Comments column.

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1. INTRODUCTION

The Centers for Medicare & Medicaid Services (CMS) created the Common Medicare Environment (CME) database in order to provide a single, enterprise-wide authoritative source for Medicare beneficiary demographic data. The CME database integrated and standardized different types of beneficiary data previously fragmented and often redundant in isolated CMS legacy systems.

Multiple systems control the read and update access to the CME database. These systems and the CME database are collectively known as the Medicare Beneficiary Database Suite of Systems (MBDSS). The MBDSS currently utilizes a batch file processing model for large data feeds, an Application Programmable Interface (API) that allows CMS applications to query and update, and a secure online presentation layer for viewing beneficiary data. For a more detailed overview of new structure of the MBDSS, please refer to the MBDSS Operations & Maintenance Manual (OMM).

The Territory Beneficiary Query (TBQ) is a data exchange between CMS and states and territories. States and territories query CMS for Medicare beneficiary eligibility determinations and MBDSS returns a file with this information.

This Interface Control Document (ICD) specifies the interface requirements to be met by the participating systems. It describes the concept of operations for the interface, defines the message structure and protocols that govern the interchange of data, and identifies the communication paths along which the data are expected to flow.

For each interface, the following information will be provided:

- A general description of the interface;
- Assumptions where appropriate;
- A description of the data exchange format and protocol for exchange; and
- Estimated size and frequency of data exchange.

2. REFERENCED DOCUMENTS

Table 1: Referenced Documents

Document Name	Document Number	Issuance Date
CME Data Dictionary	N/A	07/23/2010
CMS Problem Management Tracking Process	PRJ.PMM.0201.05.0.0111	01/03/2011
MBD Data Dictionary	N/A	07/09/2010
MBDSS Operations & Maintenance Manual	MBDOMM002.3	02/23/2011
MBDSS System Design Document	MMA.PRJ.1601.01.16.0215	02/03/2015

3. OVERVIEW

To determine dual eligibility status for specific beneficiaries, participating states and territories will request information from MBDSS. MBDSS will validate the incoming file and send an email to the state indicating acceptance or rejection of the file. If the file is rejected, no further action is taken. If the file is accepted, MBDSS will send a file containing the latest entitlement data for the matched beneficiaries.

4. ASSUMPTIONS/CONSTRAINTS/RISKS

This section describes assumptions, constraints, and risks associated with the interface.

4.1. Assumptions

States use this information to determine beneficiary entitlement and enrollment information as part of the process for Low-Income Subsidy (LIS) enrollment.

4.2. Constraints

Please refer to the MBDSS OMM for scheduling dependencies.

4.3. Risks

States may have difficulty processing LIS enrollments.

5. GENERAL INTERFACE REQUIREMENTS

This section describes general requirements for the interface.

5.1. Interface Overview

The TBQ exchange allows participating states and territories to request, on a daily basis if desired, Medicare/Medicaid eligibility information from the MBDSS for specific beneficiaries. The MBDSS will validate the incoming file and send an email to the state/territory indicating acceptance or rejection of the file. The MBDSS will send a response file for each inquiry file received. The states and territories will use this information to determine dual eligibility status.

5.2. Functional Allocation

The MBDSS creates and sends an email upon validation of the query file. MBDSS creates one response file for each inquiry file received.

5.3. Data Transfer

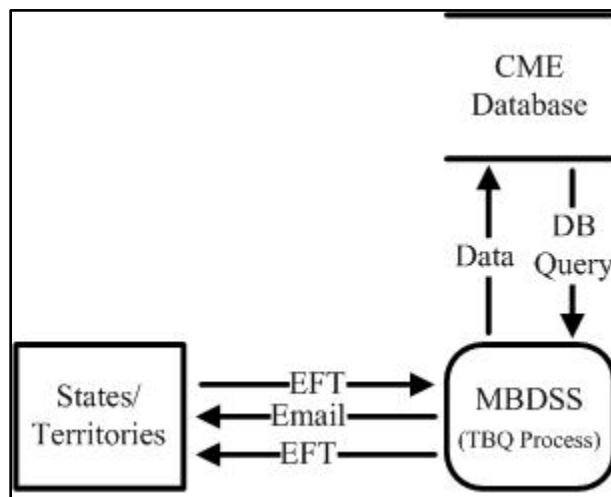


Figure 1: Data Transfer Diagram

1. State/Territory will submit a file (MMATBQ) requesting beneficiary data.
2. MBDSS will validate the incoming file and send an email to the state/territory indicating acceptance or rejection of the file.
3. MBDSS will record the incoming record on the transaction log table.
4. MBDSS will query the CME database for eligibility information for the requested beneficiaries.
5. MBDSS will return a file (MMATBQR) containing the latest data for all successfully validated beneficiaries. For rejected beneficiaries, only the incoming fields are returned along with a Processing Flag indicating the reason for rejection.

5.4. Transactions

The inbound file contains inquiry transactions. The outbound file contains response transactions.

5.5. Security and Integrity

The files are transmitted using the CMS Electronic File Transfer (EFT) process over a secure connection on the Medicare Data Communications Network (MDCN).

6. DETAILED INTERFACE REQUIREMENTS

This section describes detailed requirements for the interface.

6.1. TBQ Query File and Email Requirements

The MBDSS shall accept a query file from a state or territory. This file shall contain records identifying the beneficiaries of interest to the sender and will be used to query the CME database. The MBDSS shall validate the file and send an email to the state/territory indicating acceptance or rejection of the query file.

6.1.1. Assumptions

The CMS Consolidated Information Technology Infrastructure Contract (CITIC) contractor is responsible for management of the EFT process used by this interface.

6.1.2. General Processing Steps

Processing steps are documented in section 5.3.

6.1.3. Interface Processing Time Requirements

Inbound files are accepted daily. Upon file validation, an email is sent back indicating acceptance or rejection of the file. Please refer to the MBDSS OMM for additional details.

6.1.4. Message Format (or Record Layout) and Required Protocols

The following sections contain filenames and detailed record layouts for the TBQ query file and email.

6.1.4.1. File Layout

- The TBQ Query file has three types of records:
 - Header Record – The header record is the first record of the file; it will occur only once.
 - Detail Record – One detail record contains information for one beneficiary; the file contains one detail record for each beneficiary.
 - Trailer Record – The trailer record is the last record of the file; it will occur only once.
- The TBQ email is sent to the state/territory after file validation. See Appendix A for additional information and email templates. APPENDIX A describes how the data will appear in the record for each data type.

Table 2: Data Type Representation

Data Type	Representation in Record
CHAR	Alphanumeric characters
NUM	Numeric characters 0 – 9

6.1.4.2. Data Assembly Characteristics

See the following table for the dataset names, format, and frequency of files.

Table 3: Territory-to-CMS Query File – Data Assembly Characteristics

DSN	Description	Struc	Copybook	Len	Fmt	Access Method	Vol	Update Frequency
P#MBD.IN.EFT.CMS*.TBQ.DY YMMDD.THHMMSST	Inquiry file from states/territories requesting beneficiary data.	Flat file	N/A	100	FB	Seq	Varies (i.e., Puerto Rico 900k records.)	Varies (i.e. Puerto Rico sends one file per month.)

6.1.4.3. Field/Element Definition

These are brief descriptions of the TBQ query file.

Table 4: Territory-to-CMS Query File – Header Record

Data Field	Length	Position	Type	Comments
Header Code	8	1 – 8	CHAR	'MMATBQH'
State Code	2	9 – 10	CHAR	'DC', 'AL', 'AK', 'AZ', 'AR', 'CA', 'CO', 'CT', 'DE', 'FL', 'GA', 'HI', 'ID', 'IL', 'IN', 'IA', 'KS', 'KY', 'LA', 'ME', 'MD', 'MA', 'MI', 'MN', 'MS', 'MO', 'MT', 'NE', 'NV', 'NH', 'NJ', 'NM', 'NY', 'NC', 'ND', 'OH', 'OK', 'OR', 'PA', 'RI', 'SC', 'SD', 'TN', 'TX', 'UT', 'VT', 'VA', 'WA', 'WV', 'WI', 'WY', 'AS', 'GU', 'MP', 'PR', or 'VI'.
Create Month	2	11 – 12	NUM	Format is MM.
Create Year	4	13 – 16	NUM	Format is CCYY.
Filler	84	17 – 100	CHAR	Spaces.

Table 5: Territory-to-CMS Query File – Detail Record

Data Field	Length	Position	Type	Comments
Record Type	3	1 – 3	CHAR	'DTL'.
Beneficiary's Social Security Number	9	4 – 12	CHAR	No comments
Beneficiary's First Name	15	13 – 27	CHAR	No comments
Beneficiary's Last Name	20	28 – 47	CHAR	No comments
Beneficiary's Middle Initial (Optional)	1	48	CHAR	No comments
Beneficiary's Date of Birth	8	49 – 56	CHAR	CCYYMMDD.
Beneficiary's Gender Code	1	57 – 57	CHAR	'M', 'F', or 'U'.
Family ID	11	58 – 68	CHAR	No comments
Member Suffix	2	69 – 70	CHAR	No comments
MPI	13	71 – 83	CHAR	No comments
Filler	17	84 – 100	CHAR	Spaces.

Table 6: Territory-to-CMS Query File – Trailer Record

Data Field	Length	Position	Type	Comments
Trailer Code	8	1 – 8	CHAR	‘MMATBQT’.
Detail Record Count	9	9 – 17	NUM	No comments
Filler	83	18 – 100	CHAR	Spaces.

6.1.5. Communication Methods

This section describes communication methods used by the interface as well as error recovery.

6.1.5.1. Interface Initiation

The TBQ jobs are automatically triggered upon successful receipt of an inbound state/territory file.

6.1.5.2. Flow Control

The inbound files are processed in the CMS mainframe environment.

CMS/partner will notify us in the event of a transmission failure. There is also a daily EFT transmissions report sent from the CMS CITIC contractor to the maintainers.

If there are any problems processing an inbound file, the recovery will depend on the nature of the error and where the error occurred. Typically, the file is resubmitted for processing and the process resumes from the point at which the error occurred. Please refer to the Automated Production Control & Scheduling System (APCSS) production control documentation for additional recovery details.

The APCSS documentation provides details on exchange related jobs, processes, file names, error codes, and handling procedures.

6.1.6. Security Requirements

Please see section 5.5.

6.2. TBQ Response File Requirements

The MBDSS shall create a response file for each corresponding query file from a state or territory. The response file shall contain beneficiary entitlement information for each matched beneficiary requested in the query file. The response file shall be transmitted to the state/territory via CMS’ EFT process.

6.2.1. Assumptions

The CMS CITIC contractor is responsible for management of the EFT process used by this interface.

6.2.2. General Processing Steps

Processing steps are documented in section 5.3.

6.2.3. Interface Processing Time Requirements

One outbound file is created and sent daily for every query file received. Please refer to the MBDSS OMM for additional details.

6.2.4. Message Format (or Record Layout) and Required Protocols

The following sections contain filenames and detailed record layouts for the TBQ Response File.

6.2.4.1. File Layout

The TBQ Response file has three types of records:

- Header Record – The header record is the first record of the file; it will occur only once.
- Detail Record – One detail record contains information for one beneficiary; the file contains one detail record for each beneficiary.
- Trailer Record – The trailer record is the last record of the file; it will occur only once.

6.2.4.2. Data Assembly Characteristics

See the following table for the dataset names, format, and frequency of files.

Table 7: CMS-to-Territory Response File – Data Assembly Characteristics

DSN	Description	Struc	Copybook	Len	Fmt	Access Method	Vol	Update Frequency
P#MBD.#MBDP000.TBQRPLY.* *.D*.T* (** is the Postal State Code)	Response file from CMS containing beneficiary data for matched beneficiaries in the inquiry file.	Flat file	N/A	4000	FB	Seq	Varies	Varies (one response file for each inquiry file received.)

6.2.4.3. Field/Element Definition

These are brief descriptions of the TBQ Response file transactions. Additional valid values may be contained in the CME and MBD Data Dictionaries.

Table 8: CMS-to-Territory Response File – Header Record

Data Field	Length	Position	Type	Comments
Header Code	8	1 – 8	CHAR	‘MMATBQRH’.
File Creation Date	8	9 – 16	NUM	CCYYMMDD.
Filler	3984	17 – 4000	CHAR	Spaces.

Table 9: CMS-to-Territory Response File – Detail Record

Data Field	Length	Position	Type	Comments
Start of Original Detail Record				
Record Type	3	1 – 3	CHAR	‘DTL’
Beneficiary’s Social Security Number	9	4 – 12	CHAR	No comments
Beneficiary’s First Name	15	13 – 27	CHAR	No comments
Beneficiary’s Last Name	20	28 – 47	CHAR	No comments
Beneficiary’s Middle Initial	1	48	CHAR	No comments
Beneficiary’s Date of Birth	8	49 – 56	CHAR	CCYYMMDD.
Beneficiary’s Gender Code	1	57 – 57	CHAR	‘M’, ‘F’, or ‘U’.
Family ID	11	58 – 68	CHAR	No comments
Member Suffix	2	69 – 70	CHAR	No comments
MPI	13	71 – 83	CHAR	No comments
End of Original Detail Record				

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Data Field	Length	Position	Type	Comments
Processed Flag	2	84 – 85	CHAR	00 = Successfully Processed. 01 = Detail Record Identifier not ‘DTL’. 02 = SSN Missing. 03 = First Name Missing. 04 = Last Name Missing. 05 = Gender Code Missing. 06 = Date of Birth Missing. 07 = Beneficiary Not Found. 08 = Successfully processed, but beneficiary not entitled to Part A and/or Part B. 09 = More than One Beneficiary Found.
Filler	151	86 – 236	CHAR	Spaces.
Beneficiary Information				
Beneficiary’s Claim Account Number	9	237 – 245	CHAR	No comments
Beneficiary’s Identification Code	2	246 – 247	CHAR	No comments
Beneficiary’s Date of Birth	8	248 – 255	NUM	MMDDCCYY.
Beneficiary’s Date of Death	8	256 – 263	NUM	MMDDCCYY.
Beneficiary’s Gender Code	1	264	CHAR	‘0’, ‘1’, or ‘2’.
Beneficiary’s First Name	30	265 – 294	CHAR	No comments
Beneficiary’s Middle Initial	1	295	CHAR	No comments
Beneficiary’s Last Name	40	296 – 335	CHAR	No comments
Cross Reference Numbers (10 occurrences)				
Cross Reference Beneficiary’s Claim Account Number (occurrence 1)	9	336 – 344	CHAR	No comments

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Data Field	Length	Position	Type	Comments
Cross Reference Beneficiary's Identification Code (occurrence 1)	2	345 – 346	CHAR	No comments
Cross Reference (occurrence 2)	11	347 – 357	CHAR	No comments
Cross Reference (occurrence 3)	11	358 – 568	CHAR	No comments
Cross Reference (occurrence 4)	11	369 – 379	CHAR	No comments
Cross Reference (occurrence 5)	11	380 – 390	CHAR	No comments
Cross Reference (occurrence 6)	11	391 – 401	CHAR	No comments
Cross Reference (occurrence 7)	11	402 – 412	CHAR	No comments
Cross Reference (occurrence 8)	11	413 – 423	CHAR	No comments
Cross Reference (occurrence 9)	11	424 – 434	CHAR	No comments
Cross Reference (occurrence 10)	11	435 – 445	CHAR	No comments
Social Security Numbers (5 occurrences)				
Social Security Number (occurrence 1)	9	446 – 454	CHAR	No comments
Social Security Number (occurrence 2)	9	455 – 463	CHAR	No comments
Social Security Number (occurrence 3)	9	464 – 472	CHAR	No comments
Social Security Number (occurrence 4)	9	473 – 481	CHAR	No comments
Social Security Number (occurrence 5)	9	482 – 490	CHAR	No comments
Mailing Address				
Mailing Address Line 1	40	491 – 530	CHAR	No comments
Mailing Address Line 2	40	531 – 570	CHAR	No comments
Mailing Address Line 3	40	571 – 610	CHAR	No comments
Mailing Address Line 4	40	611 – 650	CHAR	No comments
Mailing Address Line 5	40	651 – 690	CHAR	No comments
Mailing Address Line 6	40	691 – 730	CHAR	No comments
Mailing Address City Name	40	731 – 770	CHAR	No comments

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Data Field	Length	Position	Type	Comments
Mailing Address State Code	2	771 – 772	CHAR	No comments
Mailing Address Zone Improvement Plan (Zip) Code	9	773 – 781	CHAR	No comments
Mailing Address Change Date	8	782 – 789	NUM	MMDDCCYY.
Residence Address				
Residence Address Line 1	60	790 – 849	CHAR	No comments
Filler	180	850 – 1029	CHAR	No comments
Residence Address City Name	40	1030 – 1069	CHAR	No comments
Residence Address State Code	2	1070 – 1071	CHAR	No comments
Residence Address Zip Code	9	1072 – 1080	CHAR	No comments
Residence Address Change Date	8	1081 – 1088	NUM	MMDDCCYY
Representative Payee				
Beneficiary's Representative Payee Switch	1	1089	CHAR	'Y', 'N', or a space.
Non-Entitlement Status				
Part A Non-Entitlement Status Code	1	1090	CHAR	'D', 'F', 'H', 'N', 'R', or a space.
Part B Non-Entitlement Status Code	1	1091	CHAR	'D', 'N', 'R', or a space.
Entitlement Reason (5 occurrences)				
Beneficiary's Entitlement Reason Code Change Date (occurrence 1)	8	1092 – 1099	NUM	Zeroes.
Beneficiary's Entitlement Reason Code (occurrence 1)	4	1100 – 1103	CHAR	Spaces.
Entitlement Reason (occurrence 2)	12	1104 – 1115	Mixed	See comments for the 1 st occurrence.
Entitlement Reason (occurrence 3)	12	1116 – 1127	Mixed	See comments for the 1 st occurrence.
Entitlement Reason (occurrence 4)	12	1128 – 1139	Mixed	See comments for the 1 st occurrence.

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Data Field	Length	Position	Type	Comments
Entitlement Reason (occurrence 5)	12	1140 – 1151	Mixed	See comments for the 1 st occurrence.
Part A Entitlement (5 occurrences)				
Beneficiary's Part A Entitlement Start Date (occurrence 1)	8	1152 – 1159	NUM	MMDDCCYY.
Beneficiary's Part A Entitlement End Date (occurrence 1)	8	1160 – 1167	NUM	MMDDCCYY.
Beneficiary's Part A Enrollment Reason Code (occurrence 1)	1	1168	CHAR	'A', 'B', 'D', 'G', 'I', 'J', 'K', 'L', 'M', 'N', 'P', 'Q', 'R', 'T', 'U', or a space.
Beneficiary's Part A Enrollment Status Code (occurrence 1)	1	1169	CHAR	'C', 'E', 'F', 'G', 'S', 'T', 'W', 'X', 'Y', or a space.
Part A Entitlement (occurrence 2)	18	1170 – 1187	Mixed	See comments for the 1 st occurrence.
Part A Entitlement (occurrence 3)	18	1188 – 1205	Mixed	See comments for the 1 st occurrence.
Part A Entitlement (occurrence 4)	18	1206 – 1223	Mixed	See comments for the 1 st occurrence.
Part A Entitlement (occurrence 5)	18	1224 – 1241	Mixed	See comments for the 1 st occurrence.
Part B Entitlement (5 occurrences)				
Beneficiary's Part B Entitlement Start Date (occurrence 1)	8	1242 – 1249	NUM	MMDDCCYY.
Beneficiary's Part B Entitlement End Date (occurrence 1)	8	1250 – 1257	NUM	MMDDCCYY.
Beneficiary's Part B Enrollment Reason Code (occurrence 1)	1	1258	CHAR	'B', 'C', 'D', 'F', 'G', 'I', 'K', 'M', 'S', 'U', or a space.
Beneficiary's Part B Enrollment Status Code (occurrence 1)	1	1259	CHAR	'C', 'F', 'G', 'S', 'T', 'W', 'Y', or ' '.
Part B Entitlement (occurrence 2)	18	1260 – 1277	Mixed	See comments for the 1 st occurrence.
Part B Entitlement (occurrence 3)	18	1278 – 1295	Mixed	See comments for the 1 st occurrence.
Part B Entitlement (occurrence 4)	18	1296 – 1313	Mixed	See comments for the 1 st occurrence.

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Data Field	Length	Position	Type	Comments
Part B Entitlement (occurrence 5)	18	1314 – 1331	Mixed	See comments for the 1 st occurrence.
Hospice Coverage (5 occurrences)				
Beneficiary Hospice Coverage Start Date (occurrence 1)	8	1332 – 1339	NUM	MMDDCCYY.
Beneficiary Hospice Coverage End Date (occurrence 1)	8	1340 – 1347	NUM	MMDDCCYY.
Hospice Coverage (occurrence 2)	16	1348 – 1363	NUM	See comments for the 1 st occurrence.
Hospice Coverage (occurrence 3)	16	1364 – 1379	NUM	See comments for the 1 st occurrence.
Hospice Coverage (occurrence 4)	16	1380 – 1395	NUM	See comments for the 1 st occurrence.
Hospice Coverage (occurrence 5)	16	1396 – 1411	NUM	See comments for the 1 st occurrence.
Beneficiary Disability Insurance Benefits Entitlement Start Date (occurrence 1)	8	1412 – 1419	NUM	MMDDCCYY.
Beneficiary Disability Insurance Benefits Entitlement End Date (occurrence 1)	8	1420 – 1427	NUM	MMDDCCYY.
Beneficiary Disability Insurance Benefits Entitlement Justification Code (occurrence 1)	1	1428	CHAR	‘1’, ‘A’, ‘H’, or a space.
Disability Insurance Benefits (occurrence 2)	17	1429 – 1445	Mixed	See comments for the 1 st occurrence.
Disability Insurance Benefits (occurrence 3)	17	1446 – 1462	Mixed	See comments for the 1 st occurrence.
Beneficiary's Group Health Organization Enrollment Start Date (occurrence 1)	8	1463 – 1470	NUM	MMDDCCYY.
Beneficiary's Group Health Organization Enrollment End Date (occurrence 1)	8	1471 – 1478	NUM	MMDDCCYY.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary's Group Health Organization Contract Number (occurrence 1)	5	1479 – 1483	CHAR	No comments
Group Health Organization (occurrence 2)	21	1484 – 1504	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 3)	21	1505 – 1525	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 4)	21	1526 – 1546	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 5)	21	1547 – 1567	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 6)	21	1568 – 1588	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 7)	21	1589 – 1609	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 8)	21	1610 – 1630	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 9)	21	1631 – 1651	Mixed	See comments for the 1 st occurrence.
Group Health Organization (occurrence 10)	21	1652 – 1672	Mixed	See comments for the 1 st occurrence.
Plan Benefits Package Election (10 occurrences)				
Group Health Plan Enrollment Effective Date (occurrence 1)	8	1673 – 1680	NUM	MMDDCCYY.
Plan Benefits Package Start Date (occurrence 1)	8	1681 – 1688	NUM	MMDDCCYY.
Plan Benefits Package End Date (occurrence 1)	8	1689 – 1696	NUM	MMDDCCYY.
Plan Benefits Package Number (occurrence 1)	3	1697 – 1699	CHAR	No comments

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Plan Benefits Package Coverage Type Code (occurrence 1)	2	1700 – 1701	CHAR	No comments
PBP Election (occurrence 2)	29	1702 – 1730	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 3)	29	1731 – 1759	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 4)	29	1760 – 1788	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 5)	29	1789 – 1817	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 6)	29	1818 – 1846	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 7)	29	1847 – 1875	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 8)	29	1876 – 1904	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 9)	29	1905 – 1933	Mixed	See comments for the 1 st occurrence.
PBP Election (occurrence 10)	29	1934 – 1962	Mixed	See comments for the 1 st occurrence.
End Stage Renal Disease Coverage				
Beneficiary's ESRD Coverage Start Date	8	1963 – 1970	NUM	MMDDCCYY.
Beneficiary's ESRD Coverage End Date	8	1971 – 1978	NUM	MMDDCCYY.
Beneficiary's ESRD Termination Reason Code	1	1979	CHAR	'A', 'B', 'C', 'D', 'E', or a space.
End Stage Renal Disease Clinical Dialysis Dates Occurrence 1 (refer to position 3114 for 5 remaining occurrences)				
Beneficiary's ESRD Clinical Dialysis Start Date	8	1980 – 1987	NUM	MMDDCCYY.
Beneficiary's ESRD Clinical Dialysis End Date	8	1988 – 1995	NUM	MMDDCCYY.
End Stage Renal Disease Transplant				

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary's ESRD Transplant Start Date	8	1996 – 2003	NUM	MMDDCCYY.
Beneficiary's ESRD Transplant End Date	8	2004 – 2011	NUM	MMDDCCYY.
Third Party Part A History (5 occurrences)				
Beneficiary's Part A Third Party Start Date (occurrence 1)	8	2012 – 2019	NUM	MMDDCCYY.
Beneficiary's Part A Third Party Premium Payer Code (occurrence 1)	3	2020 – 2022	CHAR	'S01 – S99' and 'T01 – Z98'.
Beneficiary's Part A Third Party End Date (occurrence 1)	8	2023 – 2030	NUM	MMDDCCYY.
Beneficiary's Part A Third Party Buy In Eligibility Code (occurrence 1)	1	2031	CHAR	'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'M', or 'Z'.
Third Party Part A History (occurrence 2)	20	2032 – 2051	Mixed	See comments for the 1 st occurrence.
Third Party Part A History (occurrence 3)	20	2052 – 2071	Mixed	See comments for the 1 st occurrence.
Third Party Part A History (occurrence 4)	20	2072 – 2091	Mixed	See comments for the 1 st occurrence.
Third Party Part A History (occurrence 5)	20	2092 – 2111	Mixed	See comments for the 1 st occurrence.
Third Party Part B History (5 occurrences)				
Beneficiary's Part B Third Party Start Date (occurrence 1)	8	2112 – 2119	NUM	MMDDCCYY.
Beneficiary's Part B Third Party Premium Payer Code (occurrence 1)	3	2120 – 2122	CHAR	'000', '001', '005', '006', '007', '008', '010 – 650', '700' 'A01 – R99' or ' '.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary's Part B Third Party Termination Date (occurrence 1)	8	2123 – 2130	NUM	MMDDCCYY.
Beneficiary's Part B Third Party Buy In Eligibility Code (occurrence 1)	1	2131	CHAR	'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'M', 'P', or 'Z'.
Third Party Part B History (occurrence 2)	20	2132 – 2151	Mixed	See comments for the 1 st occurrence.
Third Party Part B History (occurrence 3)	20	2152 – 2171	Mixed	See comments for the 1 st occurrence.
Third Party Part B History (occurrence 4)	20	2172 – 2191	Mixed	See comments for the 1 st occurrence.
Third Party Part B History (occurrence 5)	20	2192 – 2211	Mixed	See comments for the 1 st occurrence.
Part D Data Elements				
Beneficiary's First Eligibility Part D Date	8	2212 – 2219	NUM	MMDDCCYY.
Beneficiary's Affirmatively Decline Indicator	1	2220	CHAR	'Y', 'N', or a space.
Beneficiary's Co-Payment History (10 occurrences)				
Beneficiary's LIS Type (occurrence 1)	1	2221	CHAR	'L' or 'D'.
Beneficiary's Co-Payment Level (occurrence 1)	1	2222	CHAR	'1', '2', '3', or '4'.
Beneficiary's Co-Payment Start Date (occurrence 1)	8	2223 – 2230	NUM	MMDDCCYY.
Beneficiary's Co-Payment End Date (occurrence 1)	8	2231 – 2238	NUM	MMDDCCYY.
Co-Payment History (occurrence 2)	18	2239 – 2256	Mixed	See comments for the 1 st occurrence.
Co-Payment History (occurrence 3)	18	2257 – 2274	Mixed	See comments for the 1 st occurrence.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Co-Payment History (occurrence 4)	18	2275 – 2292	Mixed	See comments for the 1 st occurrence.
Co-Payment History (occurrence 5)	18	2293 – 2310	Mixed	See comments for the 1 st occurrence.
Co-Payment History (occurrence 6)	18	2311 – 2328	Mixed	See comments for the 1 st occurrence.
Co-Payment History (occurrence 7)	18	2329 – 2346	Mixed	See comments for the 1 st occurrence.
Co-Payment History (occurrence 8)	18	2347 – 2364	Mixed	See comments for the 1 st occurrence.
Co-Payment History (occurrence 9)	18	2365 – 2382	Mixed	See comments for the 1 st occurrence.
Co-Payment History (occurrence 10)	18	2383 – 2400	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (10 occurrences)				
Beneficiary's Contract Number (occurrence 1)	5	2401 – 2405	CHAR	No comments
Beneficiary's Part D Enrollment Start Date (occurrence 1)	8	2406 – 2413	NUM	MMDDCCYY.
Beneficiary's Part D Enrollment End Date (occurrence 1)	8	2414 – 2421	NUM	MMDDCCYY.
Beneficiary's Part D PBP Plan Number (occurrence 1)	3	2422 – 2424	CHAR	No comments
Beneficiary's Enrollment Type Indicator (occurrence 1)	1	2425	CHAR	'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', or 'I'.
Part D Plan Benefit Package (occurrence 2)	25	2426 – 2450	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (occurrence 3)	25	2451 – 2475	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (occurrence 4)	25	2476 – 2500	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (occurrence 5)	25	2501 – 2525	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (occurrence 6)	25	2526 – 2550	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (occurrence 7)	25	2551 – 2575	Mixed	See comments for the 1 st occurrence.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Part D Plan Benefit Package (occurrence 8)	25	2576 – 2600	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (occurrence 9)	25	2601 – 2625	Mixed	See comments for the 1 st occurrence.
Part D Plan Benefit Package (occurrence 10)	25	2626 – 2650	Mixed	See comments for the 1 st occurrence.
Part C Organization Name	55	2651 – 2705	CHAR	No comments
Part C Plan Name	50	2706 – 2755	CHAR	No comments
Part D Organization Name	55	2756 – 2810	CHAR	No Comments
Part D Organization Plan Name	50	2811 – 2860	CHAR	No comments
Part D Organization Plan Benefit	1	2861	CHAR	<i>Future use</i>
Beneficiary Language Indicator	1	2862	CHAR	‘C’, ‘D’, ‘E’, ‘F’, ‘G’, ‘I’, ‘J’, ‘N’, ‘P’, ‘R’, ‘S’, ‘V’, ‘W’, or ‘.’.
Special Needs Plan Indicator (occurrence 1)	1	2863	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 2)	1	2864	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 3)	1	2865	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 4)	1	2866	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 5)	1	2867	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 6)	1	2868	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 7)	1	2869	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 8)	1	2870	CHAR	‘Y’ or ‘N’ or Space (not applicable).

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Special Needs Plan Indicator (occurrence 9)	1	2871	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Special Needs Plan Indicator (occurrence 10)	1	2872	CHAR	‘Y’ or ‘N’ or Space (not applicable).
Medicare Plan Ineligibility Due to Incarceration Periods. Note: Until MAPD2760 (Adding Plan Ineligibility Periods Due To Incarceration) is implemented, positions 2873-2888 will continue to display the beneficiary’s latest incarceration period. Occurrences two through ten (positions 3196-3339) will be filled with spaces.				
Medicare Plan Ineligibility Due to Incarceration Start Date (occurrence 1)	8	2873 – 2880	NUM	MMDDCCYY.
Medicare Plan Ineligibility Due to Incarceration End Date (occurrence 1)	8	2881 – 2888	NUM	MMDDCCYY.
Filler	14	2889 – 2902	CHAR	Spaces.
RDS Coverage Periods (5 occurrences)				
RDS Start Date (occurrence 1)	8	2903 – 2910	NUM	MMDDCCYY.
RDS Termination Date (occurrence 1)	8	2911 – 2918	NUM	MMDDCCYY.
RDS Coverage Period (occurrence 2)	16	2919 – 2934	NUM	See comments for the 1 st occurrence.
RDS Coverage Period (occurrence 3)	16	2935 – 2950	NUM	See comments for the 1 st occurrence.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
RDS Coverage Period (occurrence 4)	16	2951 – 2966	NUM	See comments for the 1 st occurrence.
RDS Coverage Period (occurrence 5)	16	2967 – 2982	NUM	See comments for the 1 st occurrence.
Filler	1	2983	CHAR	Spaces.
Part D Eligibility Dates (5 occurrences)				
Part D Eligibility Start Date (occurrence 1)	8	2984 – 2991	NUM	MMDDCCYY.
Part D Eligibility Termination Date (occurrence 1)	8	2992 – 2999	NUM	MMDDCCYY.
Part D Eligibility Dates (occurrence 2)	16	3000 – 3015	NUM	See comments for the 1 st occurrence.
Part D Eligibility Dates (occurrence 3)	16	3016 – 3031	NUM	See comments for the 1 st occurrence.
Part D Eligibility Dates (occurrence 4)	16	3032 – 3047	NUM	See comments for the 1 st occurrence.
Part D Eligibility Dates (occurrence 5)	16	3048 – 3063	NUM	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (10 occurrences)				
Subsidy Level (occurrence 1)	3	3064 – 3066	NUM	‘100’, ‘075’, ‘050’, or ‘025’.
LIS DEEM Source Code (occurrence 1)	2	3067 – 3068	CHAR	‘01’, ‘02’, ‘03’, ‘04’, ‘05’, ‘06’, ‘SS’ or <ST> valid state code.
Beneficiary Subsidy Information (occurrence 2)	5	3069 – 3073	Mixed	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (occurrence 3)	5	3074 – 3078	Mixed	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (occurrence 4)	5	3079 – 3083	Mixed	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (occurrence 5)	5	3084 – 3088	Mixed	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (occurrence 6)	5	3089 – 3093	Mixed	See comments for the 1 st occurrence.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary Subsidy Information (occurrence 7)	5	3094 – 3098	Mixed	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (occurrence 8)	5	3099 – 3103	Mixed	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (occurrence 9)	5	3104 – 3108	Mixed	See comments for the 1 st occurrence.
Beneficiary Subsidy Information (occurrence 10)	5	3109 – 3113	Mixed	See comments for the 1 st occurrence.
Beneficiary ESRD Clinical Dialysis Dates occurrences 2 through 6 (refer to position 1980 for first occurrence).				
Beneficiary ESRD Clinical Dialysis Dates (occurrence 2)	16	3114 – 3129	NUM	See comments for the 1 st occurrence.
Beneficiary ESRD Clinical Dialysis Dates (occurrence 3)	16	3130 – 3145	NUM	See comments for the 1 st occurrence.
Beneficiary ESRD Clinical Dialysis Dates (occurrence 4)	16	3146 – 3161	NUM	See comments for the 1 st occurrence.
Beneficiary ESRD Clinical Dialysis Dates (occurrence 5)	16	3162 – 3177	NUM	See comments for the 1 st occurrence.
Beneficiary ESRD Clinical Dialysis Dates (occurrence 6)	16	3178 – 3193	NUM	See comments for the 1 st occurrence.
Filler	1	3194 – 3194	CHAR	Spaces.
MMP Opt Out Indicator	1	3195 – 3195	CHAR	‘Y’, ‘N’, or a space.
Medicare Plan Ineligibility Due to Incarceration Periods (Occurrences two through 10).				

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 2)	16	3196 – 3211	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 3)	16	3212 – 3227	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 4)	16	3228 – 3243	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 5)	16	3244-3259	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 6)	16	3260 – 3275	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 7)	16	3276 – 3291	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 8)	16	3292-3307	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 9)	16	3308-3323	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Incarceration Period (occurrence 10)	16	3324-3339	NUM	See comments for the 1 st occurrence.

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Data Field	Length	Position	Type	Comments
Medicare Plan Ineligibility Due to Not Lawful Presence Periods (up to 10 occurrences). Note: Until MAPD2793 (Adding Plan Ineligibility Periods Due To Not Lawful Presence) is implemented, positions 3340-3499 will be filled with spaces.				
Medicare Plan Ineligibility Due to Not Lawful Presence Start Date (occurrence 1)	8	3340-3347	NUM	MMDDCCYY.
Medicare Plan Ineligibility Due to Not Lawful Presence End Date (occurrence 1)	8	3348-3355	NUM	MMDDCCYY.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 2)	16	3356-3371	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 3)	16	3372-3387	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 4)	16	3388-3403	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 5)	16	3404-3419	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 6)	16	3420-3435	NUM	See comments for the 1 st occurrence.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 7)	16	3436-3451	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 8)	16	3452-3467	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 9)	16	3468-3483	NUM	See comments for the 1 st occurrence.
Medicare Plan Ineligibility Due to Not Lawful Presence Period (occurrence 10)	16	3484-3499	NUM	See comments for the 1 st occurrence.
Beneficiary MBI (Six occurrences)	222	3500 – 3721	Combination	Up to six occurrences listed in descending order by the date the occurrence was added to the beneficiary's record.
Beneficiary's MBI (occurrence 1)	11	3500 – 3510	CHAR	The MBI from the beneficiary's most recent Beneficiary MBI period. The value is a system-generated identifier used by CMS to uniquely identify the beneficiary in the Medicare database.
Beneficiary's MBI Effective Date (occurrence 1)	8	3511 – 3518	NUM	The Effective Date of the beneficiary's most recent Beneficiary MBI period. The format is MMDDCCYY.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary's MBI Effective Reason Code (occurrence 1)	5	3519 – 3523	CHAR	<p>The Effective Reason Code from the beneficiary's most recent Beneficiary MBI period. The value indicates the reason a MBI was assigned to the beneficiary. The valid values are the following.</p> <ul style="list-style-type: none"> • 'A' (Accretion); and • 'I' (Initial bulk MBI assignment); • 'BA' (Special authorized); • 'BB' (Breach); • 'BP' (Provider issue); • 'BR' (Religious/cultural); • 'BT' (Medical/Identity theft); • 'BZ' (Other); • 'CA' (Special authorized); • 'CB' (CMS breach); • 'CE' (Entitlement and casework issues); • 'CF' (Confirmed fraud); • 'CT' (Medical/Identity theft); and • 'CZ' (Other).

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary's MBI End Date (occurrence 1)	8	3524 – 3531	NUM	<p>The End Date of the beneficiary's most recent Beneficiary MBI period. The format is MMDDCCYY. The valid values are the following.</p> <ul style="list-style-type: none"> • The field is populated with the End Date from the beneficiary's record, if a date exists; or • The field is filled with nines, if no value exists for the End Date in the beneficiary's record.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary's MBI End Reason Code (occurrence 1)	5	3532 – 3536	CHAR	<p>The End Reason Code from the beneficiary's most recent Beneficiary MBI period. The value indicates the reason a MBI was deactivated for the beneficiary. The valid values are the following.</p> <ul style="list-style-type: none"> • 'X' (Cross-reference merge); • 'BA' (Special authorized); • 'BB' (Breach); • 'BP' (Provider issue); • 'BR' (Religious/cultural); • 'BT' (Medical/Identity theft); • 'BZ' (Other); • 'CA' (Special authorized); • 'CB' (CMS breach); • 'CE' (Entitlement and casework issues); • 'CF' (Confirmed fraud); • 'CT' (Medical/Identity theft); and • 'CZ' (Other).
Beneficiary MBI (occurrence 2)	37	3537 – 3573	Combination	The previous Beneficiary MBI period, if any, that is associated with the beneficiary. The occurrence is populated using the same rules as in the first occurrence.
Beneficiary MBI (occurrence 3)	37	3574 – 3610	Combination	The second previous Beneficiary MBI period, if any, that is associated with the beneficiary. The occurrence is populated using the same rules as in the first occurrence.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Data Field	Length	Position	Type	Comments
Beneficiary MBI (occurrence 4)	37	3611 – 3647	Combination	The third previous Beneficiary MBI period, if any, that is associated with the beneficiary. The occurrence is populated using the same rules as in the first occurrence.
Beneficiary MBI (occurrence 5)	37	3648 – 3684	Combination	The fourth previous Beneficiary MBI period, if any, that is associated with the beneficiary. The occurrence is populated using the same rules as in the first occurrence.
Beneficiary MBI (occurrence 6)	37	3685 – 3721	Combination	The fifth previous Beneficiary MBI period, if any, that is associated with the beneficiary. The occurrence is populated using the same rules as in the first occurrence.
Filler	279	3722 – 4000	CHAR	Spaces.

Table 10: CMS-to-Territory Response File – Trailer Record

Data Field	Length	Position	Type	Comments
Trailer Code	8	1 – 8	CHAR	'MMATBQRT'.
Detail Record Count	9	9 – 17	NUM	No comments
Filler	3983	18 – 4000	CHAR	Spaces.

6.2.5. Communication Methods

This section describes communication methods used by the interface as well as error recovery.

6.2.5.1. Interface Initiation

This process is automated and a part of the daily Tivoli Work Scheduler (TWS) schedule. Database updates cause the MBDSS to insert beneficiary-specific triggers into a system table. A daily job converts these triggers into records that conform to the layout described above. One run will create responses for all outstanding query files.

6.2.5.2. Flow Control

The response file is created in the Oracle Medicare Beneficiary Database Warehouse (OMBDW) mid-tier environment and transferred to the mainframe. The CMS EFT process sweeps the file and sends it to the state/territory.

CMS/partner will notify us in the event of a transmission failure. There is also a daily EFT transmissions report sent from the CMS CITIC contractor to the maintainers.

If there are any problems creating the file, the process should be restarted and it will resume where the error occurred. Please refer to the APCSS production control documentation for additional recovery details.

The APCSS documentation provides details on exchange related jobs, processes, file names, error codes, and handling procedures.

6.2.6. Security Requirements

Please see section 5.5.

7. QUALIFICATION METHODS

Demonstration: The TBQ Query-Response process has been in production since 2008.

Testing: Prior to each process change:

- Developers perform unit testing.
- The maintenance contractor performs preliminary regression testing and integration testing.
- Independent testing contractors conduct thorough system and integration testing.

Inspection: Prior to releasing the first new file after a process change, the schedules are held and the maintenance contractor performs manual validation checks.

8. GLOSSARY

None.

9. ACRONYMS

The following acronyms are used in this document.

Medicare Beneficiary Database Suite of Systems (MBDSS)

Table 11: Acronyms

Acronyms	Definition
APCSS	Automated Production Control & Scheduling System
API	Application Programmable Interface
BEQ	Batch Eligibility Query
CHAR	Character
CITIC	Consolidated Information Technology Infrastructure Contract
CME	CMS Entitlement, Eligibility and Enrollment
CMS	Centers for Medicare & Medicaid Services
CR	Change Request
DSN	Data Set name
EFT	Electronic Funds Transfer
ESRD	End Stage Renal Disease
FMT	Format
GTL	Government Task Lead
ICD	Interface Control Document
ID	Identification or Identifier
LEN	Length
LIS	Low-Income Subsidy
MA	Medicare Advantage
MAPD	Medicare Advantage Prescription Drug
MDCN	Medicare Data Communications Network
MBD	Medicare Beneficiary Database
MBDSS	Medicare Beneficiary Database Suite of Systems
MBI	Medicare Beneficiary Identifier
MDCN	Medicare Data Communications Network
MMA	Medicare Modernization Act
MMP	Medicare-Medicaid Plan
MPI	Medicare Provider Inventory
N/A	Not Applicable
NGC	Northrop Grumman Corporation
NUM	Numeric
OMBDW	Oracle MBD Warehouse
OMM	Operations & Maintenance Manual
PBP	Plan Benefit Package
RDS	Retiree Drug Subsidy
SEQ	Sequential

Medicare Beneficiary Database Suite of Systems (MBDSS)

Acronyms	Definition
SSN	Social Security Number
STRUC	Structure
TBQ	Territory Beneficiary Query
TWS	Tivoli Work Scheduler
VOL	Volume
ZIP	Zone Improvement Plan

10. APPENDIX A

If the incoming file fails any of the validation tests, a rejection email will be sent to the state/territory. A template of the email text is as follows:

On *<Date/Time of file arrival >* a TBQ file arrived at CMS and was rejected. The reason for rejection was: *<Rejection Reason>*.

The Header Record of this file was:

<Header Record>

Please correct the error and retransmit the file.

If the incoming file passes all validation tests, an acceptance email will be sent to the state/territory. A template of the email text is as follows:

On *<Date/Time of file arrival >* a TBQ file arrived at CMS and was accepted for processing.

The Header Record of this file was:

<Header Record>

The Trailer Record of this file was:

<Trailer Record>

Total input records : nnn,nnn,nnn

Matching records count : nnn,nnn,nnn

Unmatched/Rejected records count : nnn,nnn,nnn

If you do not wish to receive this email, please reply indicating your request to be excluded.