



## **Benefits Coordination & Recovery Center (BCRC)**

# **270/271 Health Care Eligibility Benefit Inquiry and Response Companion Guide for Mandatory Reporting Group Health Plan (GHP) Entities**

**Version 5.6**

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## Table of Contents

|   |           |
|---|-----------|
| <b>Introduction</b> .....   | <b>1</b>  |
| <b>Purpose</b> .....  | <b>1</b>  |
| <b>Changes for this Release</b> .....                             | <b>2</b>  |
| <b>Special Notes - Applicable to the Entire Transaction</b> ..... | <b>3</b>  |
| Syntax .....  | 3         |
| File Formatting .....   | 3         |
| Eligibility Transaction Set.....                                  | 3         |
| Response Transaction Set.....                                     | 3         |
| 270/271 File Translation .....                                    | 4         |
| Customer Support.....   | 4         |
| <b>270 Eligibility Inquiry Companion Document</b> .....           | <b>5</b>  |
| <b>271 Eligibility Response Companion Document</b> .....          | <b>13</b> |

## List of Tables

|   |    |
|---|----|
| Table 1: Interchange Control Header.....                  | 5  |
| Table 2: Functional Group Header.....                     | 6  |
| Table 3: Transaction Set Header .....                     | 7  |
| Table 4: Beginning of Hierarchical Transaction Set.....   | 7  |
| Table 5: 2000A – Information Source Level.....            | 8  |
| Table 6: 2100A – Information Receiver Name .....          | 8  |
| Table 7: 2000B – Information Receiver Level.....          | 8  |
| Table 8: 2100B – Information Receiver Name .....          | 9  |
| Table 9: 2000C – Subscriber Level.....                    | 9  |
| Table 10: 2100C –Subscriber Name.....                     | 10 |
| Table 11: Transaction Set Trailer.....                    | 11 |
| Table 12: Functional Group Trailer .....                  | 11 |
| Table 13: Interchange Control Trailer .....               | 12 |
| Table 14: Interchange Control Header.....                 | 13 |
| Table 15: Functional Group Header.....                    | 14 |
| Table 16: Transaction Set Header .....                    | 15 |
| Table 17: Beginning of Hierarchical Transaction .....     | 15 |
| Table 18: 2000A – Information Source Level.....           | 16 |
| Table 19: 2100A – Information Source Name.....            | 16 |
| Table 20: 2000B – Information Receiver Level.....         | 16 |
| Table 21: 2100B – Information Receiver Name .....         | 17 |
| Table 22: 2000C – Subscriber Level.....                   | 17 |
| Table 23: 2100C – Subscriber Name.....                    | 18 |
| Table 24: Subscriber Request Validation.....              | 19 |
| Table 25: Subscriber Demographic Information .....        | 20 |
| Table 26: Part A and Part B Plan-Level Eligibility .....  | 20 |
| Table 27: Medicare Entitlement Reason.....                | 21 |
| Table 28: Part C Medicare Advantage Enrollment Data ..... | 21 |
| Table 29: Part D Prescription Drug Enrollment Data .....  | 22 |
| Table 30: Transaction Set Trailer.....                    | 22 |

|   |    |
|---|----|
| Table 31: Functional Group Trailer .....    | 23 |
| Table 32: Interchange Control Trailer ..... | 23 |

## Introduction

The Health Insurance Portability and Accountability Act (HIPAA) requires health insurers nationwide comply with Electronic Data Interchange (EDI) standards for health care, established by the Secretary of Health and Human Services (HHS). Published rules for standard transactions and code sets must be followed by all health care entities during the electronic exchange of health care data. The Health Care Eligibility Benefit Inquiry and Response Implementation Guide and the National Electronic Data Interchange Transaction Set Implementation Guide provide the standards that must be followed when using 270 and 271 Transaction Sets.

The 270 Transaction Set is used to transmit health care eligibility benefit inquiries from health care providers, insurers, clearinghouses and other health care adjudication processors. The 270 Transaction Set can be used to make an inquiry about the Medicare eligibility of an individual.

The 271 Transaction Set is the appropriate response mechanism for health care eligibility benefit inquiries. There are several levels (i.e. Information Source, Information Receiver, Subscriber, etc.) at which a transaction can be rejected for incomplete or erroneously formatted inquiry information. The AAA Request Validation segment is used to communicate the reason for the failure at the appropriate level. For a detailed analysis of the AAA segment and its use, please refer the 270/271 Health Care Eligibility Benefit Inquiry and Response Implementation Guide.

The Medicare Benefits Coordination & Recovery Center (BCRC) has developed Medicare COB System Interface Specifications in accordance with HIPAA requirements that will support the electronic data exchange between the COB and group health plans (GHPs') processing systems.

Additional information on the Final Rule for Standards for Electronic Transmissions can be found at <https://aspe.hhs.gov/admsimp/final/txfin00.htm>. The HIPAA Implementation Guides can be accessed at <http://www.wpc-edi.com>

## Purpose

This guide provides the Medicare COB System Interface Specifications for use by Medicare Secondary Payer (MSP) GHP Responsible Reporting Entities (RREs) reporting under Section 111 of the Medicare, Medicaid, and SCHIP Extension Act of 2007 (MMSEA Section 111).

The process requirements detailed in this guide must be followed by GHP entities in order to submit an eligibility benefit inquiry to the BCRC and receive an eligibility benefit response. This guide is intended to be used as a companion document to the National Electronic Data Interchange Transaction Set Implementation Guide and the Health Care Eligibility Benefit Inquiry and Response, ASC X12N 270/271 (005010X279A1) Implementation Guide. The specifications listed are clarifications that are allowed within established HIPAA transaction sets. The BCRC will only accept and send data in the allowed ASCX12 transaction format that is allowed by HIPAA regulations and guidelines.

**This document does not outline all data segments and elements that are in the HIPAA transaction set guide. This document only addresses segments as they apply to the BCRC.**

## **Changes for this Release**

The end-of-line character has been clarified for files using HEW software (270/271 File Translation).

## Special Notes - Applicable to the Entire Transaction

### Syntax

- Always use a tilde (~) as the segment terminator, an asterisk (\*) as the element separator and a colon (:) as the sub-element separator. Alpha characters should always be submitted in ALL CAPS.
- Syntax: Please make sure that the (ISA13/IEA02) and (GS06/GE02) control numbers match and are identical in format. Please see examples listed below under Eligibility Transaction Set and Response Transaction Set.
- Syntax: As of this release X12 version 5010 now will be using a pipe '|' in the (ISA11) and has added field (ST03).

### File Formatting

- The 270 file must be formatted to a record length of 80 bytes wrapped.
- The 271 file will also be sent in an 80-byte wrapped format.

### Eligibility Transaction Set

For the 270, the BCRC uses multiple eligibility requests in one transaction set (ST/SE), one functional group (GS/GE), and one interchange (ISA/IEA) per file.

#### Example

ISA

GS

ST

Eligibility Request

Eligibility Request

Eligibility Request

Eligibility Request

SE

GS

IEA

### Response Transaction Set

For the 271, the BCRC uses multiple eligibility responses in one transaction set (ST/SE), and one functional group (GS/GE) and one interchange (ISA/IEA) per file.

**Example**

ISA

GS

ST

Eligibility Response

Eligibility Response

Eligibility Response

Eligibility Response

SE

GS

IEA

**270/271 File Translation**

The BCRC has HEW (HIPAA Eligibility Wrapper) software available for translating the COB Medicare eligibility Query Input and Response files into and out of the 270/271 formats. This software is available in both a mainframe and a PC compatible format to Responsible Reporting Entities (RREs) under Section 111 Mandatory Reporting.

**Note:** The HEW software uses a line feed (LF; \n, 0x0A in hexadecimal or 10 in decimal) rather than a carriage return (CRLF) to separate records.

If you choose to use a different translator, you will need to ensure that the information used to create the file is compatible with COB processing as defined in the following file specifications. Please note that the HEW software can only be used for translation of the COB Medicare eligibility Query file format.

**Customer Support**

Contact your assigned EDI Representative for assistance with your technical questions. If you have not yet been assigned an EDI Representative, please contact the EDI Department at 646-458-6740 for assistance. The EDI Representatives are available to provide you with high-quality and efficient service from 8:30 a.m. through 6:30 p.m., Eastern Time (EST), Monday through Friday, except holidays and can be reached via email at [COBVA@ehmedicare.com](mailto:COBVA@ehmedicare.com).

## 270 Eligibility Inquiry Companion Document

**Table 1: Interchange Control Header**

Fixed Length Section – include spaces to fill entire field.

| Element ID | Element Name                             | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|--|------------|---------|--|----------------|
| ISA01      | Authorization Information Qualifier      | ISA        | N/A     | '00' (zero, zero) – No Authorization Information Present (No meaningful information in ISA02)  | 00             |
| ISA02      | Authorization Information                | ISA        | N/A     | Blank (fill with 10 spaces)  | -              |
| ISA03      | Security Information Qualifier           | ISA        | N/A     | '00' (zero, zero) – No Authorization Information Present (No meaningful information in ISA04)  | 00             |
| ISA04      | Security Information                     | ISA        | N/A     | Blank (fill with 10 spaces)  | -              |
| ISA05      | Interchange ID Qualifier                 | ISA        | N/A     | 'ZZ' (for Mutually Defined)  | ZZ             |
| ISA06      | Interchange Sender ID                    | ISA        | N/A     | 9-digit Responsible Reporting Entity (RRE) number assigned by COB. This field must be 15 bytes in length. The 9-digit RRE number should be left justified within the field. Leading zeros should be used to populate the 9 digits. The remaining 6 bytes should be filled with spaces. | 012345678      |
| ISA07      | Interchange ID Qualifier                 | ISA        | N/A     | 'ZZ' (for Mutually Defined)  | ZZ             |
| ISA08      | Interchange Receiver ID                  | ISA        | N/A     | 'CMS' – Field must be 15 bytes and left justified. Fill balance of field with spaces.  | CMS            |
| ISA09      | Interchange Date                         | ISA        | N/A     | Interchange Creation Date in YYMMDD format   | 090427         |
| ISA10      | Interchange Time                         | ISA        | N/A     | Interchange Creation Time in HHMM format   | 1734           |
| ISA11      | Interchange Control Repetition Separator | ISA        | N/A     | ' ' (for U.S. EDI Community of ASC X12, TDCC, and UCS)   | ' ' pipe       |
| ISA12      | Interchange Control Version Number       | ISA        | N/A     | '00501'  | 00501          |



| Element ID | Element Name                | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|-----------------------------|------------|---------|---|----------------|
| ISA13      | Interchange Control Number  | ISA        | N/A     | Unique number that should start with 1 and increment by 1 with each ISA record submitted. The number should be 9 digits.  | 000000001      |
| ISA14      | Acknowledgment Requested    | ISA        | N/A     | '0' (zero for no Interchange Acknowledgment Requested)  | 0              |
| ISA15      | Usage Indicator             | ISA        | N/A     | 'P' (for Production Data) * Data Set name determines whether file will be processed as production or test. Always use 'P' | P              |
| ISA16      | Component Element Separator | ISA        | N/A     | A ':' (colon) must be sent in this field.   | :              |

**Table 2: Functional Group Header**

Variable length section.

| Element ID | Element Name                              | Segment ID | Loop ID | Valid Value(s)   | Format Example                                  |
|------------|---|------------|---------|--|---|
| GS01       | Functional Identifier Code                | GS         | N/A     | 'HS' (for Eligibility, Coverage, or Benefit Inquiry- 270)  | HS  |
| GS02       | Application Sender's Code                 | GS         | N/A     | The RRE number must contain 9 digits. Populate leading positions with zeros.   | 012345678                                       |
| GS03       | Application Receiver's Code               | GS         | N/A     | Value = 'CMS'  | CMS   |
| GS04       | Date                                      | GS         | N/A     | Functional Group Creation date in CCYYMMDD format  | 20090428  |
| GS05       | Time                                      | GS         | N/A     | Functional Group Creation time in HHMM or HHMMSS format  | 1425 or 142530                                  |
| GS06       | Group Control Number                      | GS         | N/A     | Unique number within the interchange that must be identical to value in GE02 (should begin with '1' and increment by 1 for each GS-GE) | Examples: '1'<br>'01' '0001'<br>Must match GE02 |
| GS07       | Responsible Agency Code                   | GS         | N/A     | 'X' (from Accredited Standards Committee X12)  | X   |
| GS08       | Version/Release /Industry Identifier Code | GS         | N/A     | '005010X279A1'   | 005010X279A1                                    |

**Table 3: Transaction Set Header**

This indicates the start of the transaction set (variable length section).

| Element ID | Element Name                   | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|--------------------------------|------------|---------|--|----------------|
| ST01       | Transaction Set Identifier     | ST         | N/A     | '270' (for Eligibility, Coverage, or Benefit Inquiry)  | 270            |
| ST02       | Transaction Set Control Number | ST         | N/A     | Unique number to the interchange that must be identical to value in SE02 (should begin with '0001' and increment by 1 for each ST-SE). | 0001           |
| ST03       | Transaction Set Version        | ST         | N/A     | '005010X279A1'   | 005010X279A1   |

**Table 4: Beginning of Hierarchical Transaction Set**

First segment of the 270 transaction set (variable length section).

| Element ID | Element Name                  | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-------------------------------|------------|---------|--|----------------|
| BHT01      | Hierarchical Structure Code   | BHT        | N/A     | '0022' (for Information Source, Information Receiver, Subscriber, Dependent) | 0022           |
| BHT02      | Transaction Set Purpose       | BHT        | N/A     | '13' (for request)   | 13             |
| BHT04      | Transaction Set Creation Date | BHT        | N/A     | Creation date of file expressed in CCYYMMDD format                           | 20090428       |
| BHT05      | Transaction Set Creation Time | BHT        | N/A     | Creation time of file expressed in HHMM format                               | 1411           |

**Table 5: 2000A – Information Source Level**

Please refer to the 270/271 Implementation Guide for Notes and Gray Box comments regarding use of the 2000A-HL segment (variable length).

| Element ID | Element Name            | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-------------------------|------------|---------|--|----------------|
| HL01       | Hierarchical ID Number  | HL         | 2000A   | HL01 must begin with the number one (1) and increase by 1 for each subsequent HL segment. Only numeric values are allowed in HL01. | 1              |
| HL03       | Hierarchical Level code | HL         | 2000A   | '20' (for Information Source).   | 20             |
| HL04       | Hierarchical Child code | HL         | 2000A   | '1' (to indicate that subordinate HL segments will follow).  | 1              |

**Table 6: 2100A – Information Receiver Name**

The Information Source will be identified with the 2100A NM1 segment. This table defines specific requirements for the information source data.

| Element ID | Element Name                          | Segment ID | Loop ID | Valid Value(s)               | Format Example |
|------------|---------------------------------------|------------|---------|------------------------------|----------------|
| NM101      | Entity Identifier Code                | NM1        | 2100A   | 'PR' (for payer)             | PR             |
| NM102      | Entity Type Qualifier                 | NM1        | 2100A   | '2' (for Non-Person Entity)  | 2              |
| NM108      | Identification Code Qualifier         | NM1        | 2100A   | 'PI' (for Payer Information) | PI             |
| NM109      | Information Source Primary Identifier | NM1        | 2100A   | 'CMS'                        | CMS            |

**Table 7: 2000B – Information Receiver Level**

Please refer to the 270/271 Implementation Guide for Notes and Gray Box comments regarding use of the 2000B-HL segment (variable length).

| Element ID | Element Name                  | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|-------------------------------|------------|---------|---|----------------|
| HL01       | Hierarchical ID Number        | HL         | 2000B   | HL01 value at this loop should be '2'. Only numeric values are allowed in HL01. | 2              |
| HL02       | Hierarchical Parent ID Number | HL         | 2000B   | Should always be '1' at this loop   | 1              |
| HL03       | Hierarchical Level code       | HL         | 2000B   | '21' (for Information Receiver)   | 21             |

| Element ID | Element Name      | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|-------------------|------------|---------|---|----------------|
| HL04       | Entity Child Code | HL         | 2000B   | '1' (for Additional Subordinate HL Data Segment in this Hierarchical Structure – refers to Subscriber info in 2000C loop) | 1              |

**Table 8: 2100B – Information Receiver Name**

The Information Receiver will be identified with the 2100B NM1 segment. This table defines specific requirements for the Information Receiver Level data.

| Element ID | Element Name                               | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|--|------------|---------|--|----------------|
| NM101      | Entity Identifier Code                     | NM1        | 2100B   | 'P5' (for Plan Sponsor)  | P5             |
| NM102      | Entity Type Qualifier                      | NM1        | 2100B   | '2' (for Non-Person entity)  | 2              |
| NM108      | Identification Code Qualifier              | NM1        | 2100B   | 'PI' (for Payer Information)   | PI             |
| NM109      | Information Receiver Identification Number | NM1        | 2100B   | 9-digit Responsible Reporting Entity (RRE) number assigned by COB.<br>The RRE number must contain 9 digits. Populate leading positions with zeros. | 012345678      |

**Table 9: 2000C – Subscriber Level**

Please refer to the 270/271 Implementation Guide for Notes and Gray Box comments regarding use of the 2000C-HL segment (variable length).

| Element ID | Element Name                  | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-------------------------------|------------|---------|--|----------------|
| HL01       | Hierarchical ID Number        | HL         | 2000C   | HL01 value at this loop should begin with '3' and increment by one for each new transaction in the transaction set. Only numeric values are allowed in HL01. | 3              |
| HL02       | Hierarchical Parent ID Number | HL         | 2000C   | Should always be '2' at this loop  | 2              |
| HL03       | Hierarchical Level code       | HL         | 2000C   | '22' (for Subscriber)  | 22             |

| Element ID | Element Name      | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|-------------------|------------|---------|---|----------------|
| HL04       | Entity Child Code | HL         | 2000C   | '0' (for No Subordinate HL Segment in this Hierarchical Structure – refers to the fact that the Subscriber is always the Recipient/Patient) | 0              |

**Table 10: 2100C –Subscriber Name**

The Subscriber will be identified with the 2100C NM1, 2100C REF, and 2100C DMG segments. This table defines specific requirements for the Subscriber Name data.

| Element ID | Element Name                       | Segment ID | Loop ID | Valid Value(s)   | Format Example                     |
|------------|------------------------------------|------------|---------|--|------------------------------------|
| NM101      | Entity Identifier Code             | NM1        | 2100C   | 'IL' (for insured or subscriber)   | IL                                 |
| NM102      | Entity Type Qualifier              | NM1        | 2100C   | '1' (for Person)   | 1                                  |
| NM103      | Subscriber Last Name               | NM1        | 2100C   | First 6 bytes of Last Name of subscriber (insured)   | LANCAS                             |
| NM104      | Subscriber First Name              | NM1        | 2100C   | First initial of subscriber (insured)  | J                                  |
| NM108      | Identification Code Qualifier      | NM1        | 2100C   | 'MI' (for member identification number)  | MI                                 |
| NM109      | Subscriber Primary Identifier      | NM1        | 2100C   | Member's Medicare ID (HICN or MBI)   | 123456789A<br>1AA0AA0AA00          |
| REF01      | Reference Identification Qualifier | REF        | 2100C   | 'IG' (for insurance policy number)   | IG                                 |
| REF02      | Subscriber Supplemental Identifier | REF        | 2100C   | Plan enrollee's Social Security Number (9 digits or last 5 digits). Do not include hyphens.<br>If entering a partial 5-digit SSN, fill in the first 4 positions with spaces followed by the last 5 digits. | 999999999 or 99999                 |
| REF01      | Reference Identification Qualifier | REF        | 2100C   | 'NQ' Medical Recipient Identification Number   | NQ                                 |
| REF02      | Subscriber Supplemental Identifier | REF        | 2100C   | Primary RRE defined DCN for tracking of this beneficiary   | 098765432109876543<br>210987654321 |
| REF01      | Reference Identification Qualifier | REF        | 2100C   | 'EA' Medical Record Identification Number  | EA                                 |

| Element ID | Element Name                       | Segment ID | Loop ID | Valid Value(s)   | Format Example                     |
|------------|------------------------------------|------------|---------|--|------------------------------------|
| REF02      | Subscriber Supplemental Identifier | REF        | 2100C   | Secondary RRE defined DCN for tracking of this beneficiary | 123456789012345678<br>901234567890 |
| DMG01      | Date Time Period Format            | DMG        | 2100C   | 'D8' (for Date Expressed in format CCYYMMDD)               | D8                                 |
| DMG02      | Subscriber Birth Date              | DMG        | 2100C   | Member's Date of Birth in format CCYYMMDD                  | 19351215                           |
| DMG03      | Subscriber Gender Code             | DMG        | 2100C   | 'F' (for female) 'M' (for male)                            | F                                  |

**Table 11: Transaction Set Trailer**

This indicates the end of the transaction set.

| Element ID | Element Name                   | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|--------------------------------|------------|---------|---|----------------|
| SE01       | Transaction Segment Count      | SE         | N/A     | Total Number of segments included in a transaction set (including the ST and SE segments) | 42             |
| SE02       | Transaction Set Control Number | SE         | N/A     | Unique number to the interchange that must be identical to the value in ST02              | 0001           |

**Table 12: Functional Group Trailer**

| Element ID | Element Name                        | Segment ID | Loop ID | Valid Value(s)  | Format Example                                  |
|------------|-------------------------------------|------------|---------|---|---|
| GE01       | Number of Transaction Sets Included | GE         | N/A     | Total Number of transaction sets included in the functional group   | 1   |
| GE02       | Group Control Number                | GE         | N/A     | Unique number assigned by the sender that must be identical to GS06 | Examples: '1'<br>'01' '0001'<br>Must match GS06 |

**Table 13: Interchange Control Trailer**

| <b>Element ID</b> | <b>Element Name</b>                  | <b>Segment ID</b> | <b>Loop ID</b> | <b>Valid Value(s)</b>  | <b>Format Example</b> |
|-------------------|--------------------------------------|-------------------|----------------|--|-----------------------|
| IEA01             | Number of Included Functional Groups | IEA               | N/A            | Count of the number of functional groups included in an interchange  | 1                     |
| IEA02             | Interchange Control Number           | IEA               | N/A            | Control number assigned by the interchange sender that should be 9 characters and be identical to the value in ISA13 | 000000001             |

## 271 Eligibility Response Companion Document

**Table 14: Interchange Control Header**

Fixed length section - include spaces to fill entire field.

| Element ID | Element Name                             | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|--|------------|---------|---|----------------|
| ISA01      | Authorization Information Qualifier      | ISA        | N/A     | '00' (zero, zero) – No Authorization Information Present (No meaningful information in ISA02)   | 00             |
| ISA02      | Authorization Information                | ISA        | N/A     | Blank (fill with 10 spaces)   | -              |
| ISA03      | Security Information Qualifier           | ISA        | N/A     | '00' (zero, zero) – No Authorization Information Present (No meaningful information in ISA04)   | 00             |
| ISA04      | Security Information                     | ISA        | N/A     | Blank (fill with 10 spaces)   | -              |
| ISA05      | Interchange ID Qualifier                 | ISA        | N/A     | 'ZZ' (for Mutually Defined)   | ZZ             |
| ISA06      | Interchange Sender ID                    | ISA        | N/A     | 'COB' – Field must be 15 bytes and left justified. Fill balance of field with spaces.   | COB            |
| ISA07      | Interchange ID Qualifier                 | ISA        | N/A     | 'ZZ' (for Mutually Defined)   | ZZ             |
| ISA08      | Interchange Receiver ID                  | ISA        | N/A     | 9-digit Responsible Reporting Entity (RRE) number assigned by the COB. This field must be 15 bytes and left justified. Fill balance of field with spaces. | 012345678      |
| ISA09      | Interchange Date                         | ISA        | N/A     | Interchange Creation Date in YYMMDD format  | 090427         |
| ISA10      | Interchange Time                         | ISA        | N/A     | Interchange Creation Time in HHMM format  | 1734           |
| ISA11      | Interchange Control Repetition Separator | ISA        | N/A     | ' ' (for U.S. EDI Community of ASC X12, TDCC and UCS)   | ' ' pipe       |
| ISA12      | Interchange Control Version Number       | ISA        | N/A     | '00501'   | 00501          |



| Element ID | Element Name                | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|-----------------------------|------------|---------|---|----------------|
| ISA13      | Interchange Control Number  | ISA        | N/A     | Unique number that should start with 1 and increment by 1 with each ISA record submitted. The number should be 9 digits and identical to IEA02. | 000000001      |
| ISA14      | Acknowledgment Requested    | ISA        | N/A     | '0' (zero for no Interchange Acknowledgment Requested)  | 0              |
| ISA15      | Usage Indicator             | ISA        | N/A     | 'P' (for Production Data) * Data Set name determines whether file will be processed as production or test. Always use 'P.'                      | P              |
| ISA16      | Component Element Separator | ISA        | N/A     | A ':' (colon) must be sent in this field.   | :              |

**Table 15: Functional Group Header**

| Element ID | Element Name                | Segment ID | Loop ID | Valid Value(s)   | Format Example                               |
|------------|-----------------------------|------------|---------|--|--|
| GS01       | Functional Identifier Code  | GS         | N/A     | 'HB' (for Eligibility, Coverage or Benefit Information- 271)   | HB   |
| GS02       | Application Sender's Code   | GS         | N/A     | COB  | COB  |
| GS03       | Application Receiver's Code | GS         | N/A     | 9-digit Responsible Reporting Entity (RRE) number assigned by COB  | 012345678                                    |
| GS04       | Date                        | GS         | N/A     | Functional Group Creation date in CCYYMMDD format  | 20090428                                     |
| GS05       | Time                        | GS         | N/A     | Functional Group Creation time in HHMM or HHMMSS format  | 1425 or 142530                               |
| GS06       | Group Control Number        | GS         | N/A     | Unique number within the interchange. Will begin with 0001 and will increment by 1 for each ISA sent, and will be identical to GE02) | Examples: '1' '01' '0001'<br>Must match GE02 |
| GS07       | Responsible Agency Code     | GS         | N/A     | 'X' (from Accredited Standards Committee X12)  | X  |

| Element ID | Element Name                              | Segment ID | Loop ID | Valid Value(s) | Format Example |
|------------|---|------------|---------|----------------|----------------|
| GS08       | Version/Release /Industry Identifier Code | GS         | N/A     | '005010X279A1' | 005010X279A1   |

**Table 16: Transaction Set Header**

This indicates the start of the transaction set.

| Element ID | Element Name                   | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|--------------------------------|------------|---------|---|----------------|
| ST01       | Transaction Set Identifier     | ST         | N/A     | '271' (for Eligibility, Coverage or Benefit Information)  | 271            |
| ST02       | Transaction Set Control Number | ST         | N/A     | Unique number to the interchange that must be identical to the value in SE02 (should begin with '0001' and increment by 1 for each ST-SE) | 0001           |
| ST03       | Transaction Set Version        | ST         | N/A     | '005010X279A1'  | 005010X279A1   |

**Table 17: Beginning of Hierarchical Transaction**

First segment of the 271 transaction set.

| Element ID | Element Name                 | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|------------------------------|------------|---------|---|----------------|
| BHT01      | Hierarchical Structure Code  | BHT        | N/A     | '0022' (for Information Source, Information Receiver, Subscriber, Dependent)  | 0022           |
| BHT02      | Transaction Set Purpose Code | BHT        | N/A     | '11' (for response)   | 11             |
| BHT03      | Reference Identification     | BHT        | N/A     | Number assigned by the originator to identify the transaction. Populate with 9-digit Responsible Reporting Entity (RRE) number assigned by COB. | 012345678      |
| BHT04      | Date                         | BHT        | N/A     | Creation date of file expressed in CCYYMMDD format  | 20090428       |
| BHT05      | Time                         | BHT        | N/A     | Creation time of file expressed in HHMMSS format  | 141125         |

**Table 18: 2000A – Information Source Level**

Please refer to the 270/271 Implementation Guide for Notes and Gray Box comments regarding use of the 2000A-HL segment (variable length).

| Element ID | Element Name            | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-------------------------|------------|---------|--|----------------|
| HL01       | Hierarchical ID Number  | HL         | 2000A   | HL01 must begin with the number one (1) and increase by 1 for each subsequent HL segment. Only numeric values are allowed in HL01. | 1              |
| HL03       | Hierarchical Level code | HL         | 2000A   | '20' (for Information Source).   | 20             |
| HL04       | Hierarchical Child code | HL         | 2000A   | '1' (to indicate that subordinate HL segments will follow).  | 1              |

**Table 19: 2100A – Information Source Name**

The Information Source will be identified with the 2100A NM1 segment. This table defines specific requirements for the Information Source data.

| Element ID | Element Name                          | Segment ID | Loop ID | Valid Value(s)               | Format Example |
|------------|---------------------------------------|------------|---------|------------------------------|----------------|
| NM101      | Entity Identifier Code                | NM1        | 2100A   | 'PR' (for Payer)             | PR             |
| NM102      | Entity Type Qualifier                 | NM1        | 2100A   | '2' (for Non-Person Entity)  | 2              |
| NM108      | Identification Code Qualifier         | NM1        | 2100A   | 'PI' (for Payer Information) | PI             |
| NM109      | Information Source Primary Identifier | NM1        | 2100A   | 'CMS'                        | CMS            |

**Table 20: 2000B – Information Receiver Level**

Please refer to the 270/271 Implementation Guide for Notes and Gray Box comments regarding use of the 2000B-HL segment (variable length).

| Element ID | Element Name                  | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-------------------------------|------------|---------|--|----------------|
| HL01       | Hierarchical ID Number        | HL         | 2000B   | HL01 must begin with the number one (1) and increase by 1 for each subsequent HL segment. Only numeric values are allowed in HL01. | 2              |
| HL02       | Hierarchical Parent ID Number | HL         | 2000B   | '1' to identify hierarchical ID number of the HL segment to which current segment is subordinate                                   | 1              |

| Element ID | Element Name            | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-------------------------|------------|---------|--|----------------|
| HL03       | Hierarchical Level code | HL         | 2000B   | '21' (for Information Receiver)                            | 21             |
| HL04       | Hierarchical Child code | HL         | 2000B   | '1' (to indicate that subordinate HL segments will follow) | 1              |

**Table 21: 2100B – Information Receiver Name**

The Information Receiver will be identified with the 2100B NM1 segment. This table defines specific requirements for the Information Receiver Level data.

| Element ID | Element Name                          | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|---------------------------------------|------------|---------|--|----------------|
| NM101      | Entity Identifier Code                | NM1        | 2100B   | 'P5' (for Plan Sponsor)  | P5             |
| NM102      | Entity Type Qualifier                 | NM1        | 2100B   | '2' (for Non-Person Entity)  | 2              |
| NM108      | Identification Code Qualifier         | NM1        | 2100B   | 'PI' (for Payor Identification)                                    | PI             |
| NM109      | Information Source Primary Identifier | NM1        | 2100B   | 9-digit Responsible Reporting Entity (RRE) number assigned by COB. | 012345678      |

**Table 22: 2000C – Subscriber Level**

Please refer to the 270/271 Implementation Guide for Notes and Gray Box comments regarding use of the 2000C-HL segment (variable length).

| Element ID | Element Name                  | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-------------------------------|------------|---------|--|----------------|
| HL01       | Hierarchical ID Number        | HL         | 2000C   | HL01 must begin with the number one (3) and increase by 1 for each subsequent HL segment. Only numeric values are allowed in HL01. | 3              |
| HL02       | Hierarchical Parent ID Number | HL         | 2000C   | HL02 identifies the Hierarchical ID number of the HL segment to which the current HL segment is subordinate.                       | 2              |
| HL03       | Hierarchical Level code       | HL         | 2000C   | '22' (for Subscriber)  | 22             |
| HL04       | Hierarchical Child code       | HL         | 2000C   | '0' (to indicate that no subordinate HL segments will follow)  | 0              |

| Element ID | Element Name           | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|------------------------|------------|---------|---|----------------|
| TRN01      | Trace Type Code        | TRN        | 2000C   | '1' (for Current Transaction Trace Numbers) –refers to trace or reference number assigned by the creator of the 271 transaction (the information source)                                | 1              |
| TRN02      | Trace Number           | TRN        | 2000C   | Reference number sent in the 270 Inquiry transaction (when '2' qualifier is present in TRN01), or new reference number (when '1' qualifier is present in TRN01) Document control number | 123456789      |
| TRN03      | Originating Company ID | TRN        | 2000C   | The number '9' plus the RRE number. The RRE number must contain 9 digits. Populate leading positions with zeros.  | 9002345678     |

**Table 23: 2100C – Subscriber Name**

The Subscriber will be identified with the 2100C NM1, 2100C REF, and 2100C DMG Segments. This table defines specific requirements for the Subscriber Name data.

| Element ID | Element Name                       | Segment ID | Loop ID | Valid Value(s)                                     | Format Example            |
|------------|------------------------------------|------------|---------|--|---------------------------|
| NM101      | Entity Identifier Code             | NM1        | 2100C   | 'IL' (for insured or subscriber)                   | IL                        |
| NM102      | Entity Type Qualifier              | NM1        | 2100C   | '1' (for Person)                                   | 1                         |
| NM103      | Subscriber Last Name               | NM1        | 2100C   | First 6 bytes of Last Name of subscriber (insured) | DOE                       |
| NM104      | Subscriber First Name              | NM1        | 2100C   | First initial of subscriber (insured)              | J                         |
| NM108      | Identification Code Qualifier      | NM1        | 2100C   | 'MI' (for member identification number)            | MI                        |
| NM109      | Subscriber Primary Identifier      | NM1        | 2100C   | Member's Medicare ID (HICN or MBI)                 | 123456789A<br>1AA0AA0AA00 |
| REF01      | Reference Identification Qualifier | REF        | 2100C   | 'IG' Insurance Policy Number                       | IG                        |

| Element ID | Element Name                       | Segment ID | Loop ID | Valid Value(s)  | Format Example                     |
|------------|------------------------------------|------------|---------|---|------------------------------------|
| REF02      | Subscriber Supplemental Identifier | REF        | 2100C   | Subscriber Social Security Number (9 digits or last 5 digits)<br>The response file will display the 5-digit or 9-digit SSN, depending on what was submitted.<br>If the SSN provided does not match the SSN on file at the BCRC, zeros will be returned. | 999999999 or 99999                 |
| REF01      | Reference Identification Qualifier | REF        | 2100C   | 'NQ' Medical Recipient Identification Number  | NQ                                 |
| REF02      | Subscriber Supplemental Identifier | REF        | 2100C   | Primary RRE defined DCN for tracking of this beneficiary  | 098765432109876543<br>210987654321 |
| REF01      | Reference Identification Qualifier | REF        | 2100C   | 'EA' Medical Record Identification Number   | EA                                 |
| REF02      | Subscriber Supplemental Identifier | REF        | 2100C   | Secondary RRE defined DCN for tracking of this beneficiary  | 123456789012345678<br>901234567890 |
| DMG01      | Date Time Period Format            | DMG        | 2100C   | 'D8' (for Date Expressed in format CCYYMMDD)  | D8                                 |
| DMG02      | Subscriber Birth Date              | DMG        | 2100C   | Member's Date of Birth in format CCYYMMDD   | 19351215                           |
| DMG03      | Subscriber Gender Code             | DMG        | 2100C   | 'F' (for female) 'M' (for male) 'U' (for unknown)   | F                                  |

**Table 24: Subscriber Request Validation**

Situational – only included if insured not found. If segment is not included a match was found.

| Element ID | Element Name            | Segment ID | Loop ID | Valid Value(s)                          | Format Example |
|------------|-------------------------|------------|---------|---|----------------|
| AAA01      | Valid Request Indicator | AAA        | 2100C   | 'Y' (for yes)                           | Y              |
| AAA03      | Reject Reason Code      | AAA        | 2100C   | '75' (for subscriber/insured not found) | 75             |
| AAA04      | Follow-up Action Code   | AAA        | 2100C   | 'C' (for correct and resubmit)          | C              |

**Table 25: Subscriber Demographic Information**

Situational – only included when insured has a date of death on file.

| Element ID | Element Name                   | Segment ID | Loop ID | Valid Value(s)              | Format Example |
|------------|--------------------------------|------------|---------|-----------------------------|----------------|
| DTP01      | Date and Time Period Qualifier | DTP        | 2100C   | '442' (for Date of Death)   | 442            |
| DTP02      | Date Format                    | DTP        | 2100C   | 'D8' Date Format = CCYYMMDD | D8             |
| DTP03      | Date                           | DTP        | 2100C   | Date of Death               | 20090315       |

**Table 26: Part A and Part B Plan-Level Eligibility**

| Element ID | Element Name                       | Segment ID | Loop ID | Valid Value(s)                      | Format Example |
|------------|------------------------------------|------------|---------|-------------------------------------|----------------|
| EB01       | Eligibility or Benefit Information | EB         | 2110C   | '1' (for Active Coverage)           | 1              |
| EB02       | Coverage Level code                | EB         | 2110C   | 'IND' (for individual)              | IND            |
| EB04       | Insurance Type Code                | EB         | 2110C   | 'MA' (for Medicare Part A)          | MA             |
| DTP01      | Date and Time Period Qualifier     | DTP        | 2110C   | '356' (for Begin Date)              | 356            |
| DTP02      | Date Format                        | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD         | D8             |
| DTP03      | Date                               | DTP        | 2110C   | Part A Entitlement Date             | 20050101       |
| DTP01      | Date and Time Period Qualifier     | DTP        | 2110C   | '357' (for End Date)                | 357            |
| DTP02      | Date Format                        | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD         | D8             |
| DTP03      | Date                               | DTP        | 2110C   | Part A Entitlement Termination date | 20090131       |
| EB01       | Eligibility or Benefit Information | EB         | 2110C   | '1' (for Active Coverage)           | 1              |
| EB02       | Coverage Level code                | EB         | 2110C   | 'IND' (for individual)              | IND            |
| EB04       | Service Type Code                  | EB         | 2110C   | 'MB' (for Medicare Part B)          | MB             |
| DTP01      | Date and Time Period Qualifier     | DTP        | 2110C   | '356' (for Begin Date)              | 356            |
| DTP02      | Date Format                        | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD         | D8             |
| DTP03      | Date                               | DTP        | 2110C   | Part B Entitlement Date             | 20050101       |

| Element ID | Element Name                   | Segment ID | Loop ID | Valid Value(s)                      | Format Example |
|------------|--------------------------------|------------|---------|-------------------------------------|----------------|
| DTP01      | Date and Time Period Qualifier | DTP        | 2110C   | '357' (for End Date)                | 357            |
| DTP02      | Date Format                    | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD         | D8             |
| DTP03      | Date                           | DTP        | 2110C   | Part B Entitlement Termination date | 20090131       |

**Table 27: Medicare Entitlement Reason**

| Element ID | Element Name          | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|-----------------------|------------|---------|--|----------------|
| MSG01      | Freeform Message Text | MSG        | 2110C   | Medicare Entitlement Reason<br>'ENTREAS='<br>A = 65+<br>B = ESRD<br>G = Disabled | ENTREAS=A      |

**Table 28: Part C Medicare Advantage Enrollment Data**

| Element ID | Element Name                       | Segment ID | Loop ID | Valid Value(s)                   | Format Example |
|------------|------------------------------------|------------|---------|----------------------------------|----------------|
| EB01       | Eligibility or Benefit Information | EB         | 2110C   | '1' (for Active Coverage)        | 1              |
| EB02       | Coverage Level code                | EB         | 2110C   | 'IND' (for individual)           | IND            |
| EB04       | Service Type Code                  | EB         | 2110C   | 'HM' (for Medicare Part C - HMO) | HM             |
| EB05       | Plan Coverage Description          | EB         | 2110C   | Contractor number 5-digits       | 12345          |
| DTP01      | Date and Time Period Qualifier     | DTP        | 2110C   | '356' (for Begin Date)           | 356            |
| DTP02      | Date Format                        | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD      | D8             |
| DTP03      | Date                               | DTP        | 2110C   | Part C Enrollment date           | 20060101       |
| DTP01      | Date and Time Period Qualifier     | DTP        | 2110C   | '357' (for End Date)             | 357            |
| DTP02      | Date Format                        | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD      | D8             |
| DTP03      | Date                               | DTP        | 2110C   | Part C Termination date          | 20081231       |



**Table 29: Part D Prescription Drug Enrollment Data**

| Element ID | Element Name                                 | Segment ID | Loop ID | Valid Value(s)                        | Format Example |
|------------|--|------------|---------|---------------------------------------|----------------|
| EB01       | Eligibility or Benefit Information           | EB         | 2110C   | 'R' Other or Additional Payer         | R              |
| EB02       | Coverage Level Code                          | EB         | 2110C   | 'IND' for Individual                  | IND            |
| EB04       | Eligibility or Benefit Information           | EB         | 2110C   | 'OT' Insurance Type Code for Other    | OT             |
| REF01      | Reference Identification Qualifier           | REF        | 2110C   | '18' ID Qualifier for Contract Number | 18             |
| REF02      | Subscriber Eligibility or Benefit Identifier | REF        | 2110C   | Part D Contract Number                | 12345          |
| DTP01      | Date and Time Period Qualifier               | DTP        | 2110C   | '356' (for Start Date)                | 356            |
| DTP02      | Date Format                                  | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD           | D8             |
| DTP03      | Date   | DTP        | 2110C   | Part D Enrollment Date                | 20210101       |
| DTP01      | Date and Time Period Qualifier               | DTP        | 2110C   | '357' (for End Date)                  | 357            |
| DTP02      | Date Format                                  | DTP        | 2110C   | 'D8' Date Format = CCYYMMDD           | D8             |
| DTP03      | Date   | DTP        | 2110C   | Part D Termination Date               | 20211231       |

**Table 30: Transaction Set Trailer**

This indicates the end of the transaction set.

| Element ID | Element Name                   | Segment ID | Loop ID | Valid Value(s)  | Format Example |
|------------|--------------------------------|------------|---------|---|----------------|
| SE01       | Transaction Segment Count      | SE         | N/A     | Total Number of segments included in a transaction set (including the ST and SE segments) | 42             |
| SE02       | Transaction Set Control Number | SE         | N/A     | Unique number to the interchange that must be identical to the value in ST02.             | 0001           |

**Table 31: Functional Group Trailer**

| Element ID | Element Name                        | Segment ID | Loop ID | Valid Value(s)  | Format Example                                  |
|------------|-------------------------------------|------------|---------|---|---|
| GE01       | Number of Transaction Sets Included | GE         | N/A     | Total Number of transaction sets included in the functional group   | 1   |
| GE02       | Group Control Number                | GE         | N/A     | Unique number assigned by the sender that must be identical to GS06 | Examples: '1'<br>'01' '0001'<br>Must match GS06 |

**Table 32: Interchange Control Trailer**

| Element ID | Element Name                         | Segment ID | Loop ID | Valid Value(s)   | Format Example |
|------------|--------------------------------------|------------|---------|--|----------------|
| IEA01      | Number of Included Functional Groups | IEA        | N/A     | Count of the number of functional groups included in an interchange.   | 1              |
| IEA02      | Interchange Control Number           | IEA        | N/A     | Control number assigned by the interchange sender that should be 9 characters and be identical to the value fin ISA13. | 000000001      |