# PRESBYTERIAN HEALTHCARE SERVICES

## **EDI COMPANION GUIDE**

(Refers to the Implementation Guides based on ASC X12 N 834 Version 005010X220A1)

Health Care Benefit Enrollment and Maintenance (834)

(Companion Guide v1)

#### **Disclosure Statement:**

This Companion Guide has been prepared for Presbyterian Healthcare Services partners who are ready to participate in 834 Request for Authorization Review and Response transactions. It is in conjunction with the ASC X12 5010 version of HIPAA Technical Report Type 3.

If there are any changes to this document, it will be incorporated and published as a newer version at <a href="https://www.phs.org/EDI">https://www.phs.org/EDI</a>

#### Preface:

Presbyterian Healthcare Services offers EDI 834 Benefit Enrollment and Maintenance as mandated by the Health Insurance Portability and Accountability Act of 1996 (HIPAA) that supplements Technical Report Type 3 (TR3) of 5010.

This Companion Guide to the v5010 ASC X12N Implementation Guides clarifies and specifies the data content when exchanging electronically with Presbyterian Healthcare Services. Transmissions based on this companion guide, used in tandem with the v5010 ASC X12N Implementation Guides, are compliant with both ASC X12 syntax and those guides. This Companion Guide is intended to convey information that is within the framework of the ASC X12N Implementation Guides adopted for use under HIPAA. The Companion Guide is not intended to convey information that in any way exceeds the requirements or usages of data expressed in the Implementation Guides.

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## 1. INTRODUCTION

#### **SCOPE**

This companion guide has been prepared for Presbyterian Healthcare Services trading partners who are submitting the healthcare benefit enrollment and maintenance 834 ASC X12 electronically. It provides all necessary information regarding inquiry submission to Presbyterian. It can be used to clarify and get relevant information about transactions and operating rules.

#### **OVERVIEW**

The Health Insurance Portability and Accountability Act (HIPPA) from 1996 contains provisions for administrative simplification. This required the HHS (Department of Health and Human Services) to create and adopt standards for EDI (Electronic Data Interchange) for transactions between covered entities. The ANSI standard spells out the segments and valid values for fields that are to be used for a EDI transaction to be compliant.

This Companion Guide covers the following topics.

- Connection and Exchange of Data
- 834 Benefit Enrollment and Maintenance Configuration Details
- File Testing and Validation
- Support

Please refer to the full ASC X12 004010X095 guide for the full collection of industry standard details for an 834 file. http://www.x12.org

## 2. SUPPORT CONTACT INFORMATION

For all technical and support related questions concerning file trade, existing partners may contact the Presbyterian Healthcare Services EDI Team via email at <a href="mailto:edi@phs.org">edi@phs.org</a>.

## 3. TESTING WITH PRESBYTERIAN HEALTHCARE SERVICES

### **Testing Process**

The following process can be followed to perform testing with a Presbyterian Healthcare Services representative.

- 1. Ensure all appropriate agreements are in place before the exchange of data
- 2. Exchange all required details between PHP and your organization to configure SFTP connection.
- 3. Configure your 834 Benefit Enrollment and Maintenance file based on this Companion Guide and the X12 834 Standards.
- 4. Create and exchange the established 834 Testing Scenarios included in this guide below.
- 5. A Presbyterian Healthcare Services developer will review the exchanged 834 files submitted and validate a successful data load. If there are any issues, the trading partner will be contacted and asked to correct the file and resubmit.
- 6. PHP related business teams will review the loaded 834 file for business validation.
- 7. Once both parties approve production readiness, file trade in production will be implemented.

#### 834 Testing Scenarios

To ensure a seamless implementation please provide Benefit Enrollment and Maintenance examples for the following test scenarios:

- 1. Create a new sale with a family of 4 enrollment, as this is the most common scenario for families.
- 2. Set up a family of 6 enrollment to validate the family rating rule when there are 3 dependents under age 21.
- 3. Complete a single enrollment, which is the most common scenario for individuals.
- 4. Add a child to an existing enrollment, which frequently occurs as a child-only addition.
- 5. Cancel a spouse from a policy, a routine day-to-day scenario.
- 6. Remove a child from a policy, another frequent scenario encountered daily.
- 7. Cancel an entire family's enrollment, reflecting common day-to-day operations.
- 8. Terminate a child from the policy, which is a typical occurrence.
- 9. Terminate the entire family from the policy, a scenario often faced in daily processing.
- 10. Add a dependent during Open Enrollment to capture changes affecting eligibility or rating.
- 11. Make basic enrollment maintenance updates, such as changes to email or phone information.
- 12. Update demographic information by processing a common address change request.
- 13. Process a change in demographic information by updating the date of birth (DOB).
- 14. Handle scenarios where same family attempts to enroll more than once, ensuring proper cancellation or termination based on policy status.
- 15. Attempt to enroll a family member with an unsupported relationship code to confirm the issuer's error handling.
- 16. Reinstate a subscriber to restore an entire contract.
- 17. Reinstate a subscriber to reactivate a dependent under an existing contract.

## 4. CONNECTIVITY/COMMUNICATIONS WITH PRESBYTERIAN HEALTHCARE SERVICES

#### **PROCESS FLOW**

- 1. Trading Partner submits 834 to Presbyterian Healthcare Services via SFTP.
- 2. PHP EDI Receives the 834 file and will be processed sequentially in the order received.
- 3. SNIP Level 2 Validation Map Invoked
- 4. PHP EDI generates an optional response file (999)

#### **RETRANSMISSION PROCEDURE**

Retransmissions should be made on the following occasions:

- Connectivity failure
- A 999 response is not received.
- If partner needs to submit inquiry again

#### **SYSTEM MAINTENANCE**

In the case that Maintenance is required, the Presbyterian Healthcare Services Maintenance Window schedule begins on Saturdays at 6 PM and ends on Sundays by 10 PM. SFTP will be unavailable periodically during this time.

## 5. CONTROL SEGMENTS/ENVELOPES

#### **General Notes**

- All data must be submitted in UPPER CASE.
- Leading spaces must be omitted.
- Trailing spaces must be omitted unless necessary to fulfill a minimum field length.

The 834 files are expected to follow the above standard and values for the ISA-IEA, GS-GE, and ST-SE control segment values. All the other standard EDI segments that are specific to the transaction should be used as per X12 ASC 5010 Guide.

## **Control Segment Hierarchy**

ISA - Interchange Control Header segment

GS - Functional Group Header segment

ST - Transaction Set Header segment

#### First 834 Transaction

SE - Transaction Set Trailer segment

ST - Transaction Set Header segment

#### **Second 834 Transaction**

SE - Transaction Set Trailer segment

ST - Transaction Set Header segment

## **Third 834 Transaction**

SE - Transaction Set Trailer segment

GE - Functional Group Trailer segment

IEA - Interchange Control Trailer segment

#### **Delimiters**

It is recommended that the following delimiters be used when an 834 transaction is submitted.

LOCATION	CHAR	TYPE
Segment Terminator	~	Tilde
Data Element Separator	*	Asterisk
Component Element Separator	:	Colon
Value Type - Value	;	Semi-Colon
Repetition Separator	^	Carat

## 6. PRESBYTERIAN HEALTHCARE SERVICES SPECIFIC BUSINESS RULES AND LIMITATIONS

#### **File Names**

PHP will establish file naming conventions directly with the trading partners.

Example: <TRADINGPARTNER>\_PHP\_<YYYYMMDD>.834.i.g

## 7. TRANSACTION SPECIFIC INFORMATION

Presbyterian has created the following grid to assist in the design of the specific segments and values accepted by our organization. This table includes only those fields that Presbyterian has a specific value set or provides additional guidance on the value sent. This table does not include all of the necessary fields to submit a successful transaction.

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
Header	ISA	Interchange Control Header		
Header	ISA01	Authorization Information	00 – No Authorization Info	
		Qualifier	Present	
Header	ISA03	Security Information Qualifier	00 – No Security Info Present	
Header	ISA05	Interchange ID Qualifier	ZZ – Mutually Defined	Based on mutually agreement.
	ISA07	Interchange ID Qualifier	ZZ – Mutually Defined	
Header	ISA08	Interchange Receiver ID	PRESBYTERIANHP	Receiver ID. Left justify and pad with spaces to 15 characters
Header	ISA11	Repetition Separator	٨	The delimiter in ISA 11 must be ^ (caret)
Header	ISA16	Component Element Separator	:	The delimiter in ISA 16 must be : (colon)
Header	GS	Functional Group Header		
Header	GS03	Application Receiver Code	PRESBYTERIANHP	This is the same value as the Receiver's Interchange ID from ISA08 (do not pad with spaces).
Header	GS08	Version Identifier Code	005010X220A1	
Header	ST	Transaction Set Header		
Header	ST03	Implementation Guide Version Name	005010X220A1	Needs to match GS08
Trailer	SE	Transaction Set Trailer		
Trailer	SE01	Number of Included Segments		Number of segment loops including the ST and SE.
Trailer	SE02	Transaction Set Control Number		Must match the corresponding ST02
Trailer	GE	Functional Group Trailer		
Trailer	GE01	Number of Transaction Sets		
		Included		
Trailer	GE02	Group Control Number		Must match GS06
Trailer	IEA	Interchange Control Trailer		
Trailer	IEA01	Number of Included Functional Groups		
Trailer	IEA02	Interchange Control Number		Must match ISA13

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
Envelope	BGN	Beginning Segment		Only one per ST-SE segment set.
	BGN01	Transaction Set Purpose	00 - Original	, , , , , , , , , , , , , , , , , , , ,
		Code	If the original transaction has already	
			been processed, an	
			incoming transaction using this code	
			may be rejected by the	
			receiver. The rejection will be	
			identified to the sender by	
			telephone or other direct contact.	
			The "00" indicates the first time the	
			transaction is sent.	
			15 - Re-Submission	
			Send the "15" when the original	
			transmission was incorrect,	
			has yet to be processed by the	
			receiver, and a new corrected	
			transmission is being sent. This	
			transmission can then be	
			pended by the receiver's translator	
			for further review.	
			22 - Information Copy	
			Send the "22" when the original	
			transmission was lost or not	
			processed, and the sender is passing	
			another transmission	
			that is the same as the original.	
	BGN02	Reference Identification		Unique value to the file
	BGN03	Transaction Date	CCYYMMDD	
	BGN04	Transaction time	HHMM, or	
			HHMMSS, or HHMMSSD, or	
			HHMMSSDD	
	BGN05	Time Code	CS - Central Standard Time	
			MS - Mountain Standard Time	
			PS - Pacific Standard Time	
			UT - Universal Time Coordinate	
	BGN06	Reference Identification		
	BGN08	Action Code	2 - Change (Update) - Used to	
			identify a transaction of additions,	
			terminations and	
			changes to the current enrollment.	
			4 – Verify - Used to identify a full	
			enrollment transaction to verify that	
			the sponsor's and payer's systems	
			are synchronized.	
			RX – Replace - Used to identify a full	
			enrollment transmission to be used	
			to identify additions, terminations	
			and changes that need to be	
			applied to the payer's enrollment	
			system.	
	<u> </u>			

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
Envelope	REF	TRANSACTION SET POLICY NUMBER		Up to 1 per ST – SE loop
	REF01	Reference Identification Qualifier	38	Master Policy Number
	REF02	Reference Identification		
2000E	DTP	<b>Certification Effective Date</b>		Up to 6 per ST — SE loop
	DTP01	Certification Effective Date Qualifier	007 - Effective	
	DTP02	Certification Effective Date Format Qualifier	D8 - CCYYMMDD RD8 - Range of Dates in CCYYMMDD format	
	DTP03	Certification Effective Date	Service Effective Date or Service Effective Date - Service Term Date	
Envelope	QTY	TRANSACTION SET CONTROL TOTALS		Up 1 per ST – SE loop
	QTY01	Quantity Qualifier	DT - Dependent Total ET - Employee Total TO - Total	
	QTY02	Quantity		
1000A	N1	SPONSOR NAME	1000A Sponsor	1 per ST-SE loop
1000A	N101	Entity Identifier Code	P5	Plan Sponsor
1000A	N102	Name	Name of the Sponsor	
1000A	N103	Identification Code  Qualifier  Identification Code	24 - Employer's Identification Number The identifier is the Employer Identification Number (EIN) issued by the IRS. The EIN has been adopted as the HIPAA Standard Unique Employer Identifier. 94 - Code assigned by the organization that is the ultimate destination of the transaction set FI - Federal Taxpayer's Identification Number ZZ - Mutually Defined	
	N104 N1		1000B Payer	1 mar ST SE laan
1000B 1000B	N101	Payer Entity Identifier Code	IN	1 per ST-SE loop Insurer
1000B	N101 N102	Name	PRESBYTERIAN HEALTH PLAN	moulei
1000B	N102	Identification Code Qualifier	FI - Federal Taxpayer's Identification Number	
1000B	N104	Identification Code	943037165	
1000C	N1	TPA/BROKER NAME	1000c Broker/TPA	1 per ST-SE loop
1000C	N101	Entity Identifier Code	BO - Broker or Sales Office TV - Third Party Administrator (TPA)	
1000C	N102	Name	Name of the Broker	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
1000C	N103	Identification Code	94 - Code assigned by the	Notes/comments
10000	11103	Qualifier	organization that is the ultimate	
		Qualifici	destination of the transaction set	
			FI - Federal Taxpayer's Identification	
			Number	
			XV - Centers for Medicare and	
			Medicaid Services PlanID	
			CODE SOURCE 540: Centers for	
			Medicare and Medicaid Services	
			PlanID	
1000C	N104	Identification Code		
1100C	ACT	TPA/BROKER ACCOUNT		Up to 1 per ST-SE loop
		INFORMATION		
1100C	ACT01	Account Number		
	АСТО6	Account Number		
2000	INS	MEMBER LEVEL DETAIL	2000 Member Level	At least one per ST-SE loop Each individual member should
				only be present in the file once.
2000	INS01	Subscriber Indicator	Y – Subscriber	
			N – Dependent	
2000	INS02	Individual Relationship	01 - Spouse	
		Code	03 - Father or Mother	
			04 - Grandfather or Grandmother	
			05 - Grandson or Granddaughter	
			06 - Uncle or Aunt	
			07 - Nephew or Niece	
			08 - Cousin	
			09 - Adopted Child	
			10 - Foster Child	
			11 - Son-in-law or Daughter-in-law 12 - Brother-in-law or Sister-in-law	
			13 - Mother-in-law or Father-in-law	
			14 - Brother or Sister	
			15 - Ward	
			16 - Stepparent	
			17 - Stepson or Stepdaughter	
			18 - Self	
			19 - Child	
			23 - Sponsored Dependent	
			Dependents between the ages of 19	
			and 25 not attending	
			school; age qualifications may vary	
			depending on policy.	
			24 - Dependent of a Minor	
			Dependent	
			25 - Ex-spouse	
			26 - Guardian	
			31 - Court Appointed Guardian	
			32 – Mother	
			33 - Father	
			38 - Collateral Dependent	

			Relative related by blood or marriage	
			who resides in the	
			home and is dependent on the	
			insured for a major portion of	
			their support.	
			48 – Step Father	
			49 – Step Mother	
			53 - Life Partner - This is a partner	
			that acts like a spouse without a legal	
			marriage commitment.	
			60 - Annuitant	
			D2 - Trustee	
			G8 - Other Relationship	
2000	INICOS	1	G9 - Other Relative	
2000	INS03	Maintenance Type Code	001 - Change	
			Use this code to indicate a change to	
			an existing	
			subscriber/dependent record.	
			021 - Addition	
			Use this code to add a subscriber or	
			dependent.	
			024 - Cancellation or Termination	
			Use this code for cancellation,	
			termination, or deletion of a	
			subscriber or dependent.	
			025 - Reinstatement	
			Use this code for reinstatement of a	
			cancelled	
			subscriber/dependent record.	
			030 Audit or Compare	
2000	INS04	Maintenance Reason Code	01 - Divorce	
			02 - Birth	
			03 - Death	
			04 - Retirement	
			05 - Adoption	
			06 - Strike	
			07 - Termination of Benefits	
			08 - Termination of Employment	
			09 - Consolidation Omnibus Budget	
			Reconciliation Act (COBRA)	
			10 - Consolidation Omnibus Budget	
			Reconciliation Act (COBRA)	
			Premium Paid	
			11 - Surviving Spouse	
			14 - Voluntary Withdrawal	
			15 - Primary Care Provider (PCP)	
			Change	
			16 - Quit	
			17 - Fired	
			18 - Suspended	
			20 - Active	
			21 - Disability	
	I	1	22 Disability	

22 - Plan Change 25 - Change in Identifying Data Elements 26 - Declined Coverage	
Elements	
26 - Declined Coverage	
27 - Pre-Enrollment	
28 - Initial Enrollment	
29 - Benefit Selection	
31 - Legal Separation	
32 - Marriage	
33 - Personnel Data	
37 - Leave of Absence with Benefits	
38 - Leave of Absence w/out Benefits	
39 - Lay Off with Benefits	
40 - Lay Off without Benefits	
41 - Re-enrollment	
43 - Change of Location	
59 - Non Payment	
AA - Dissatisfaction with Office Staff	
AB - Dissatisfaction with Medical	
Care/Services Rendered	ļ
AC - Inconvenient Office Location	
AD Dissatisfaction with Office Hours	
AE - Unable to Schedule	
Appointments in a Timely Manner	
AF - Dissatisfaction with Physician's	
Referral Policy	
AG - Less Respect and Attention Time	
Given than to Other Patients	
AH - Patient Moved to a New	
Location	
AI - No Reason Given	
AJ - Appointment Times not Met in a	
Timely Manner	
AL - Algorithm Assigned Benefit	
Selection	
EC - Member Benefit Selection	
XN - Notification Only XT - Transfer	
2000 INS05 Benefit Status Code A - Active	
C - Consolidated Omnibus Budget	
Reconciliation Act (COBRA)	
S - Surviving Insured	
T - Tax Equity and Fiscal	
Responsibility Act (TEFRA)	
2000 INS06-01 Medicare Plan Code A - Medicare Part A	
B - Medicare Part B	
C - Medicare Part A and B	
D - Medicare	
E - No Medicare	
2000 INS06-2 Eligibility Reason Code 0 - Age	
1 - Disability	
2 - End Stage Renal Disease (ESRD)	

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			D3 - National Council for Prescription	
			Drug Programs Pharmacy	
			Number	
			DX - Department/Agency Number	
			F6 Health Insurance Claim (HIC)	
			Number	
			P5 - Position Code	
			Q4 - Prior Identifier Number	
			QQ - Unit Number	
			ZZ - Mutually Defined	
2000	REF02	Reference Identification		
2000	DTP	MEMBER LEVEL DATES		
2000	DTP01	Date/Time Qualifier	300 - Enrollment Signature Date	
			301 - Consolidated Omnibus Budget	
			Reconciliation Act (COBRA)	
			Qualifying Event	
			303 - Maintenance Effective	
			336 - Employment Begin	
			337 - Employment End	
			338 - Medicare Begin	
			339 - Medicare End	
			340 - Consolidated Omnibus Budget	
			Reconciliation Act (COBRA)	
			Begin	
			341 - Consolidated Omnibus Budget	
			Reconciliation Act (COBRA)	
			End	
			356 - Eligibility Begin	
			357 - Eligibility End	
			385 - Credited Service Begin	
			386 - Credited Service End	
			473 - Medicaid Begin	
			474 - Medicaid End	
2000	DTP02	Date Time Period Format	D8	Date Expressed in Format
		Qualifier		CCYYMMDD
2000	DTP03	Date Time Period	CCYYMMDD	
2100A	NM1	MEMBER NAME	2100A Member Information	
2100A	NM101	Entity Identifier Code	74 - Corrected Insured	
			IL - Insured or Subscriber	
2100A	NM102	Entity Type Qualifier	1	Person
2100A	NM103	Last Name		
2100A	NM104	First Name		
2100A	NM105	Middle Initial		
2100A	NM106	Name Prefix		
2100A	NM107	Name Suffix		
2100A	NM108	Identification Code	34 - Social Security	SSN is requested if ID for the
		Qualifier	ZZ - Mutually Defined	member is not sent in NM109 for
				code ZZ to increase accuracy on
				member matching.
2100A	NM109	Identification Code		
	i	1	1	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2100A	PER	MEMBER		
		COMMUNICATIONS		
		NUMBERS		
2100A	PERO1	Contact Function Code		
2100A	PERO3	Communication Number	AP - Alternate Telephone	
		Qualifier	BN - Beeper Number	
			CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
24224	25201		WP - Work Phone Number	
2100A	PERO4	Communication Number	10.00	
2100A	PER05	Communication Number	AP - Alternate Telephone	
		Qualifier	BN - Beeper Number CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
			WP - Work Phone Number	
2100A	PER06	Communication Number		
2100A	PER07	Communication Number	AP - Alternate Telephone	
		Qualifier	BN - Beeper Number	
			CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
			WP - Work Phone Number	
2100A	PERO8	Communication Number		
2100A	N3	MEMBER RESIDENCE		
2100A	N301	STREET ADDRESS Address Information		
2100A 2100A	N301 N302	Address Information		
2100A	N4	MEMBER CITY, STATE, ZIP		
21007		CODE		
2100A	N401	City Name		
2100A	N402	State or Province Code		
2100A	N403	Postal Code		
2100A	N404	Country Code		
2100A	N405	Location Qualifier	60 Area	
			CY County/Parish	
2100A	N406	Location Identifier		
2100A	N407	Country Subdivision Code		
2100A	DMG	MEMBER DEMOGRAPHICS		1 per 2100A loop
2100A	DMG01	Date Time Period Format	D8	Date Expressed in Format
		Qualifier		CCYYMMDD

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2100A	DMG02	Date of Birth		CCYYMMDD
2100A	DMG03	Gender	F - Female M - Male U – Unknown X – Unspecified	
2100A	DMG04	Marital Status Code	B - Registered Domestic Partner D - Divorced I - Single M - Married R - Unreported S - Separated U - Unmarried W - Widowed X - Legally Separated	
2100A	DMG05	Composite Race or Ethnicity Information		
2100A	DMG05-01	Race or Ethnicity Code	7 - Not Provided 8 - Not Applicable A - Asian or Pacific Islander B - Black C - Caucasian D - Subcontinent Asian American E - Other Race or Ethnicity F - Asian Pacific American G - Native American H - Hispanic I - American Indian or Alaskan Native J - Native Hawaiian N - Black (Non-Hispanic) O - White (Non-Hispanic) P - Pacific Islander Z - Mutually Defined	
2100A	DMG05-02	Code List Qualifier Code	RET	Classification of Race or Ethnicity
2100A	DMG05-03	Industry Code		,
2100A	DMG06	Citizenship Status Code	<ul> <li>1 - U.S. Citizen</li> <li>2 - Non-Resident Alien</li> <li>3 - Resident Alien</li> <li>4 - Illegal Alien</li> <li>5 - Alien</li> <li>6 - U.S. Citizen - Non-Resident</li> <li>7 - U.S. Citizen - Resident</li> </ul>	
2100A	DMG10	Code List Qualifier Code	REC	
2100A	DMG11	Industry Code		
2100A	HLH	MEMBER HEALTH INFORMATION		
2100A	HLH01	Health-Related Code	N - None S - Substance Abuse T - Tobacco Use U - Unknown X - Tobacco Use / Substance Abuse	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2100A	HLH02	Height		Hotes, comments
2100A	HLH03	Weight		
2100A	LUI	MEMBER LANGUAGE		0 or more 2100A loop
2100A	LUI01	Identification Code		o of more 2100A loop
2100/1	20101	Qualifier		
2100A	LUI02	Identification Code		
2100A	LUI03	Description		
2100A	LUI04	Use of Language Indicator	5 - Language Reading	
			6 - Language Writing	
			7 - Language Speaking	
			8 - Native Language	
2100C	NM1	MEMBER MAILING ADDRESS	2100C Mailing Address	1 per 2100A loop
2100C	NM101	Entity Identifier Code	31	Postal Mailing Address
2100C	NM102	Entity Type Qualifier	1	Person
2100C	N3	MEMBER MAIL STREET		1 per 2100C loop
		ADDRESS		
2100C	N301	Address Information		
2100C	N302	Address Information		
2100C	N4	MEMBER MAIL CITY,		1 per 2100C loop
		STATE, ZIP CODE		·
2100C	N401	City Name		
2100C	N402	State or Province Code		
2100C	N403	Postal Code		
2100C	N404	Country Code		
2100C	N407	Country Subdivision Code		
2100F	NM1	CUSTODIAL PARENT	2100F Custodial Parent	1 per 2100A loop
2100F	NM101	Entity Identifier Code	S3	Custodial Parent
2100F	NM102	Entity Type Qualifier	1 Person	
2100F	NM103	Name Last or Organization		
		Name		
2100F	NM104	Name First		
2100F	NM105	Name Middle		
2100F	NM106	Name Prefix		
2100F	NM107	Name Suffix		
2100F	NM108	Identification Code	34 Social Security Number	
		Qualifier	ZZ Mutually Defined	
2100F	NM109	Identification Code		
2100F	PER	MEMBER CUSTODIAL		1 per 2100F Loop
		PARENT		
		COMMUNICATIONS		
21005	DEDO4	NUMBERS	DO Devent or County	
2100F	PERO1	Contact Function Code	PQ - Parent or Guardian	
2100F	PERO2	Name Communication Number	CP - Cellular Phone	
2100F	PERO3	Qualifier	EM - Electronic Mail	
		Qualifier	FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
			WP - Work Phone Number	
	1		ANT - ANOLY LUCIE LACILING	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2100F	PERO4	Communication Number		
2100F	PERO5	Communication Number Qualifier	AP - Alternate Telephone BN - Beeper Number CP - Cellular Phone EM - Electronic Mail	
			EX - Telephone Extension FX - Facsimile HP - Home Phone Number TE - Telephone WP - Work Phone Number	
2100F	PER06	Communication Number		
2100F	PERO7	Communication Number Qualifier	AP - Alternate Telephone BN - Beeper Number CP - Cellular Phone EM - Electronic Mail EX - Telephone Extension FX - Facsimile HP - Home Phone Number TE - Telephone WP - Work Phone Number	
2100F	PER08	Communication Number	WF - WORK FIIOHE NUMBER	
2100F	N3	MEMBER CUSTODIAL PARENT STREET ADDRESS		1 per 2100F loop
2100F	N301	Address Information		
2100F	N302	Address Information		
2100F	N4	MEMBER CUSTODIAL PARENT CITY, STATE, ZIP CODE		1 per 2100F loop
2100F	N401	City Name		
2100F	N402	State or Province Code		
2100F	N403	Postal Code		
2100F	N404	Country Code		
2100F	N407	Country Subdivision Code		
2100G	NM1	RESPONSIBLE PERSON	2100G Responsible Person	1 per 2100A loop
2100G	NM101	Entity Identifier Code	6Y - Case Manager 9K - Key Person E1 - Person or Other Entity Legally Responsible for a Child EI - Executor of Estate EXS - Ex-spouse GB - Other Insured GD - Guardian J6 - Power of Attorney LR - Legal Representative QD - Responsible Party S1 - Parent TZ - Significant Other X4 - Spouse	
2100G	NM102	Entity Type Qualifier	1 Person	
2100G	NM103	Name Last or Organization Name		

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2100G	NM104	Name First		
2100G	NM105	Name Middle		
2100G	NM106	Name Prefix		
2100G	NM107	Name Suffix		
2100G	NM108	Identification Code	34 Social Security Number	
21000	11111200	Qualifier	ZZ Mutually Defined	
2100G	NM109	Identification Code		
2100G	PER	MEMBER RESPONSIBLE		1 per 2100G Loop
		PERSON		
		COMMUNICATIONS		
		NUMBERS		
2100G	PERO1	Contact Function Code	RP - Responsible Person	
2100G	PERO2	Name		
2100G	PERO3	Communication Number	AP - Alternate Telephone	
		Qualifier	BN - Beeper Number	
			CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
24222	25204		WP - Work Phone Number	
2100G	PERO4	Communication Number	40.40	+
2100G	PER05	Communication Number	AP - Alternate Telephone	
		Qualifier	BN - Beeper Number CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
			WP - Work Phone Number	
2100G	PER06	Communication Number		
2100G	PER07	Communication Number	AP - Alternate Telephone	
		Qualifier	BN - Beeper Number	
			CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
			WP - Work Phone Number	
2100G	PER08	Communication Number		4 2422
2100G	N3	MEMBER RESPONSIBLE		1 per 2100G loop
2100G	N301	PERSON STREET ADDRESS		
2100G 2100G	N301 N302	Address Information Address Information		+
2100G 2100G	N302	MEMBER RESPONSIBLE		1 per 21006 loop
2100G	144	PERSON CITY, STATE, ZIP		1 per 2100G loop
		CODE		
2100G	N401	City Name		
21000	11701	City Ivallic	1	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2100G	N402	State or Province Code		·
2100G	N403	Postal Code		
2100G	N404	Country Code		
2100G	N407	Country Subdivision Code		
2200	DSB	DISABILITY INFORMATION	2200 Disability Info	0 or more per 2100C
2200	DSB01	Disability Type Code	1 - Short Term Disability	
			2 - Long Term Disability	
			3 - Permanent or Total Disability	
			4 - No Disability	
2200	DSB07		DX International Classification of	
			Diseases, 9th Revision,	
			Clinical Modification (ICD-9-CM) - Diagnosis	
			ZZ Mutually Defined	
2200	DSB08	Medical Code Value	22 Matadily Bernied	
2200	23200	Wicalcal code value		
2200	DTP	DISABILITY ELIGIBILITY DATES		
2200	DTP01	Date/Time Qualifier	360 - Initial Disability Period Start	
		, , , , , , , , , , , , , , , , , , , ,	361 - Initial Disability Period End	
2200	DTP02	Date Time Period Format	D8	Date Expressed in Format
		Qualifier		CCYYMMDD
2200	DTP03	Date Time Period		
2300	HD		2300 Coverage	1 to 99 per 2100C loop.
				There should be an HD segment
				for each span and each coverage
				being communicated.
2300	HD01	Maintenance Type Code	001 - Change	
			002 - Delete	
			021 - Addition	
			024 - Cancellation or Termination	
			025 - Reinstatement 026 - Correction	
			030 - Audit or Compare	
			032 - Employee Information Not	
			Applicable	
2300	HD03	Insurance Line Code	HMO - Health Maintenance	
			Organization	
			POS - Point of Service	
			PPO - Preferred Provider	
			Organization	
2300	HD04	Plan Coverage Description		Coverage Description as directed by PHS for coverage plans.
2300	HD05	Coverage Level Code	CHD - Children Only	
			DEP - Dependents Only	
			E1D - Employee and One Dependent	
			E2D - Employee and Two	
			Dependents	
			E3D - Employee and Three	
			Dependents	

			1	
			E5D - Employee and One or More Dependents E6D - Employee and Two or More Dependents E7D - Employee and Three or More Dependents E8D - Employee and Four or More Dependents E9D - Employee and Five or More Dependents E9D - Employee and Five or More Dependents ECH - Employee and Children EMP - Employee Only ESP - Employee and Spouse FAM - Family IND - Individual SPC - Spouse and Children	
			SPO - Spouse Only	
			TWO - Two Party	
2300	HD09	Late Enrollment Indicator	Y – Yes	
			N – No	
2300	DTP	HEALTH COVERAGE DATES		1 to 6 per 2300 Loop. 348 or 349 is required.
2300	DTP01	Date/Time Qualifier	300 - Enrollment Signature Date 303 - Maintenance Effective 343 -Premium Paid to Date End 348 - Benefit Begin 349 - Benefit End 543 - Last Premium Paid Date 695 - Previous Period This value is only to	
2300	DTP02	Date Time Period Format Qualifier	D8 - Date Expressed in Format CCYYMMDD RD8 - Range of Dates Expressed in Format CCYYMMDDCCYYMMDD	
2300	DTP03	Date Time Period		
2300	REF	HEALTH COVERAGE POLICY NUMBER		Up to 14 per 2300 Loop
2300	REF01	Reference Identification Qualifier	17 - Client Reporting Category 1L - Group or Policy Number 9V - Payment Category CE Class of Contract Code E8 - Service Contract (Coverage) Number M7 - Medical Assistance Category PID - Program Identification Number RB - Rate code number X9 - Internal Control Number XM - Issuer Number XX1 - Special Program Code XX2 - Service Area Code ZX - County Code ZZ - Mutually Defined	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2300	REF02	Reference Identification	TIII AA COUCS	rectes/ comments
2310	LX	PROVIDER INFORMATION	2310 Provider	
2310	LX01	Assigned Number	LOGO TIONIGE!	Sequential number starting at 1 for the 2300 loop
2310	NM1	PROVIDER NAME		1 Per 2310 Loop
2310	NM101	Entity Identifier Code	1X - Laboratory 3D - Obstetrics and Gynecology Facility 80 - Hospital FA - Facility OD - Doctor of Optometry P3 - Primary Care Provider QA - Pharmacy QN - Dentist Y2 - Managed Care Organization	
2310	NM102	Entity Type Qualifier	1 Person 2 Non-Person Entity	
2310	NM103	Name Last or Organization Name		
2310	NM104	Name First		
2310	NM105	Name Middle		
2310	NM106	Name Prefix		
2310	NM107	Name Suffix		
2310	NM108	Identification Code Qualifier	34 - Social Security Number FI - Federal Taxpayer's Identification Number SV - Service Provider Number XX - Centers for Medicare and Medicaid Services National Provider Identifier	
2310	NM109	Identification Code		
2310	NM110	Entity Relationship Code	25 - Established Patient 26 - Not Established Patient 72 - Unknown	
2310	N3	PROVIDER ADDRESS		Up to 2 Per 2310 Loop
2310	N301	Address Information		
2310 2310	N302 N4	Address Information PROVIDER CITY, STATE, ZIP CODE		1 per 2310 loop
2310	N401	City Name		
2310	N402	State or Province Code		
2310	N403	Postal Code		
2310	N404	Country Code		
2310	N407	Country Subdivision Code		
2310	PER	PROVIDER COMMUNICATIONS NUMBERS		
2310	PERO1	Contact Function Code	IC - Information Contact	
2310	PERO3	Communication Number Qualifier	AP - Alternate Telephone CP - Cellular Phone	

	1		1	T
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
			WP - Work Phone Number	
2310	PERO4	Communication Number		
2310	PER05	Communication Number	AP - Alternate Telephone	
		Qualifier	CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile	
			HP - Home Phone Number	
			TE - Telephone	
2212	25225		WP - Work Phone Number	
2310	PERO6	Communication Number	AD Alternate Tale 1	
2310	PER07	Communication Number	AP - Alternate Telephone	
		Qualifier	CP - Cellular Phone	
			EM - Electronic Mail	
			EX - Telephone Extension	
			FX - Facsimile HP - Home Phone Number	
			TE - Telephone WP - Work Phone Number	
2310	PER08	Company in this is November	WP - Work Phone Number	
2310 2310	PLA	Communication Number PROVIDER CHANGE		
2310	PLA	REASON		
2310	PLA01	Action Code	2 - Change (Update)	
2310	PLA02	Entity Identifier Code	1P - Provider	
2310	PLA03	Effective Date of the		CCYYMMDD
		Change		
2310	PLA05	Maintenance Reason Code	14 - Voluntary Withdrawal	
			22 - Plan Change	
			46 - Current Customer Information	
			File in Error	
			AA - Dissatisfaction with Office Staff	
			AB - Dissatisfaction with Medical	
			Care/Services Rendered	
			AC - Inconvenient Office Location	
			AD - Dissatisfaction with Office Hours	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy AG - Less Respect and Attention Time	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy AG - Less Respect and Attention Time Given than to Other Patients	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy AG - Less Respect and Attention Time Given than to Other Patients AH - Patient Moved to New Location	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy AG - Less Respect and Attention Time Given than to Other Patients AH - Patient Moved to New Location AI - No Reason Given	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy AG - Less Respect and Attention Time Given than to Other Patients AH - Patient Moved to New Location AI - No Reason Given AJ - Appointment Times not Met in a	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy AG - Less Respect and Attention Time Given than to Other Patients AH - Patient Moved to New Location AI - No Reason Given	
			AD - Dissatisfaction with Office Hours AE - Unable to Schedule Appointments in a Timely Manner AF - Dissatisfaction with Physician's Referral Policy AG - Less Respect and Attention Time Given than to Other Patients AH - Patient Moved to New Location AI - No Reason Given AJ - Appointment Times not Met in a	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2320	СОВ	COORDINATION OF	2320 COB	Up to 5 per 2300
		BENEFITS		- P
2320	COB01	Payer Responsibility	P - Primary	
		Sequence Number Code	S - Secondary	
			T - Tertiary	
			U - Unknown	
2320	COB02	Reference Identification		
2320	COB03	Coordination of Benefits	1 - Coordination of Benefits	
		Code	5 - Unknown	
			6 - No Coordination of Benefits	
2320	COB04	Service Type Code	1 - Medical Care	
			35 - Dental Care	
			48 - Hospital - Inpatient	
			50 - Hospital - Outpatient	
			54 - Long Term Care	
			89 - Free Standing Prescription Drug	
			90 - Mail Order Prescription Drug	
			A4 - Psychiatric	
			AG - Skilled Nursing Care	
			AL - Vision (Optometry)	
			BB - Partial Hospitalization	
2220	DEF	ADDITIONAL	(Psychiatric)	Harto Amor 2220 loon
2320	REF	ADDITIONAL		Up to 4 per 2320 loop.
		COORDINATION OF		
2320	REF01	BENEFITS IDENTIFIERS  Reference Identification	60 Assount Suffix Codo	
2320	KEFUI	Reference Identification Qualifier	60 - Account Suffix Code 6P - Group Number	
		Qualifier	SY - Social Security Number	
			ZZ - Mutually Defined	
2320	REF02	Reference Identification	22 Mutually Bellifed	
2320	N1	OTHER INSURANCE		Up to 1 per 2320 loop.
		COMPANY NAME		
2320	N101	Entity Identifier Code	IN - Insurer	
2320	N102	Name		
2320	N103	Identification Code	FI - Federal Taxpayer's Identification	
		Qualifier	Number	
			NI - National Association of Insurance	
			Commissioners (NAIC)	
			Identification	
			XV - Health Care Financing	
			Administration National PlanID	
			Required if the National PlanID is	
			mandated for use. Otherwise,	
			one of the other listed codes may be	
			used.	
2320	N104	Identification Code		
2320	DTP	COORDINATION OF		Up to 2 per 2320 Loop
		BENEFITS ELIGIBILITY		
		DATES		
2320		Date/Time Qualifier	344 - Coordination of Benefits Begin	
			345 - Coordination of Benefits End	

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2320		Date Time Period Format	Date Expressed in Format	
		Qualifier	CCYYMMDD	
2320		Date Time Period		
2330	NM1	COORDINATION OF BENEFITS RELATED ENTITY		1 to 3 per 2330 Loop
2330	NM101	Entity Identifier Code	36 - Employer	
			GW - Group	
			IN - Insurer	
2330	NM102	Entity Type Qualifier	2 - Non-Person Entity	
2330	NM103	Name Last or Organization Name		
2330	NM108	Identification Code Qualifier	FI - Federal Taxpayer's Identification Number NI - National Association of Insurance Commissioners (NAIC) Identification XV - Centers for Medicare and Medicaid Services PlanID	
2330	NM109	Identification Code		
2330	N3	COORDINATION OF BENEFITS RELATED ENTITY ADDRESS		Up to 1 per 2330 Loop
2330	N301	Address Information		
2330	N302	Address Information	Required if a second address line exists	
2330	N4	COORDINATION OF BENEFITS OTHER INSURANCE COMPANY CITY, STATE, ZIP CODE		Up to 1 per 2330 Loop
2330	N401	City Name		
2330	N402	State or Province Code		
2330	N403	Postal Code		
2330	N404	Country Code		
2330	N407	Country Subdivision Code		
2330	PER	ADMINISTRATIVE COMMUNICATIONS CONTACT		Up to 1 per 2330 Loop
2330	PERO1	Contact Function Code	CN - General Contact	
2330	PERO3	Communication Number Qualifier	TE - Telephone	
2330	PERO4	Communication Number		
2330	LS	ADDITIONAL REPORTING CATEGORIES	2330 Reporting Categories	Up to 1 per 2330 Loop
2330	LS01	Loop Identifier Code	2700	The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE Use the value 2700.

Loop ID	Reference	Name	HIPAA Codes	Notes/Comments
2710	LX	MEMBER REPORTING CATEGORIES		0 or more per 2300 Loop
2710	LX01	Assigned Number		Sequential number starting at 1 for the 2300 loop.
2750	N1	REPORTING CATEGORY		
2750	N101	Entity Identifier Code	75 - Participant	
2750	N102	Name		
2750	REF	REPORTING CATEGORY REFERENCE		Up to 16 per 2710 Loop
2750	REF01	Reference Identification Qualifier	00 - Contracting District Number 17 - Client Reporting Category 18 - Plan Number 19 - Division Identifier 26 - Union Number 3L - Branch Identifier 6M - Application Number 9V - Payment Category 9X - Account Category GE - Geographic Number LU - Location Number PID - Program Identification Number XX1 - Special Program Code XX2 - Service Area Code YY - Geographic Key ZZ - Mutually Defined	
2750	REF02	Reference Identification	,	
2750	DTP	REPORTING CATEGORY DATE		Up to 1 per 2750 Loop
2750	DTP01	Date/Time Qualifier	007 - Effective	
2750	DTP02	Date Time Period Format Qualifier	D8 - Date Expressed in Format CCYYMMDD RD8 - Range of Dates Expressed in Format CCYYMMDDCCYYMMDD	
2750	DTP03	Date Time Period		
2750	LE	ADDITIONAL REPORTING CATEGORIES LOOP TERMINATION		
2750	LE01	Loop Identifier Code	2700	Must match 23300 LS01.

## **APPENDICES**

## **Transmission Examples**

Scenario 1: Enroll an Employee in Multiple Health Care Insurance Products

John Doe is enrolling in three health care products -- health, dental, and vision. He also has Coordination of Benefits (COB) with another insurance company.

Segment	Description
ST*834*0001*005010X220~	Indicates the start of a transaction set and specifies a transaction set control
BGN*00*12456*19980520*1200****2~	number. Original transaction uniquely identified by the sender with reference #12456, created on 5/20/1998 at 12:00 Noon.
N1*P5**FI*999888777~	Specifies the sponsor/sender's tax ID number.
N1*IN**FI*943037165~	Specifies PHP's tax ID number.
INS*Y*18*021*20*A***FT~	Beginning of Table 2. Subscriber (John Doe) is adding coverage as an active employee.
REF*0F*123456789~	John's subscriber ID number.
REF*1L*123456001~	Group number assigned by the carrier.
DTP*356*D8*19960523~	Eligibility date for this transaction is 5/23/1996.
NM1*IL*1*DOE*JOHN*P***34*123456789~	Subscriber's name: John Doe.
PER*IP**HP*7172343334*WP*7172341240~	John's home phone number is (717)234-3334 and his work number is (717)234-1240.
N3*100 MARKET ST*APT 3G~	John's street address.
N4*CAMP HILL*PA*17011**CY*CUMBERLAND~	John's city, state, zip code, and county.
DMG*D8*19400816*M~	John's date of birth (8/16/1940) and gender (Male).
HD*021**HLT~	John is enrolling in a health benefit.
DTP*348*D8*19960601~	Benefits under this plan begin on 6/01/1996.
COB*P*890111*5~	Indicates John has COB (Coordination of Benefits) with another company.
HD*021**DEN~	John is enrolling in the Dental benefit.
DTP*348*D8*19960601~	Benefits under this plan begin on 6/01/1996.
HD*021**VIS~	John is enrolling in the Vision benefit.
DTP*348*D8*19960601~	Benefits under this plan begin on 6/01/1996.
SE*21*0001~	End of transaction set. 21 segments were sent, and the control number in the ST segment is 12345.

## Scenario 2 -- Add a Dependent (Full-time Student) to an Existing Enrollment

James E. Doe, the son of John Doe, is being enrolled under John Doe's medical coverage. James is enrolled at Penn State and expects to graduate on 5/15/1998. His Social Security Number is 103229876. The enrollment for the subscriber, John Doe, had to be submitted before his dependents can be enrolled.

Segment	Description
ST*834*0001*005010X220~	Indicates the start of a transaction set and specifies a transaction set control number.
BGN*00*12456*19980520*1200****2~	Original transaction uniquely identified by the sender with reference #12456, created on 5/20/1998 at 12:00 Noon.
REF*38*ABCD012354~	Master policy number (group ID).
N1*P5**FI*999888777~	Specifies the sponsor/sender's tax ID number.
N1*IN**FI*943037165~	Specifies PHP's tax ID number.
INS*N*19*021*28*A****F~	Beginning of Table 2. Indicates that the dependent (James Doe) is adding coverage as a full-time student.
REF*0F*123456789~	John's subscriber ID number.
REF*1L*123456001~	Group number assigned by the carrier.
DTP*351*D8*19980515~	The expected graduation date from Penn State is 5/15/1998.
NM1*IL*1*DOE*JAMES*E***34*103229876~	Dependent's name (James Doe) and Social Security Number (103-22-9876).
DMG*D8*19770816*M~	James' date of birth (8/16/1977) and gender (Male).
NM1*M8*2*PENN STATE UNIVERSITY~	Specifies the name of the school that James attends (Penn State University).
HD*021**HLT~	James is enrolling in a health benefit.
DTP*348*D8*19960601~	Benefits under this plan begin on 6/01/1996.
SE*15*0001~	End of transaction set. 15 segments were sent, and the control number in the ST segment is 12345.