



# **852 Product Activity Data - Canada**

VICS EDI

**Version: 006030VICS**

<b>Author:</b>	<b>GS1 US and GS1 Canada</b>
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# 852 Product Activity Data - Canada

## Functional Group=PD

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Product Activity Data Transaction Set (852) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to advise a trading partner of inventory, sales, and other product activity information. Product activity data enables a trading partner to plan and ship, or propose inventory replenishment quantities, for distribution centers, warehouses or retail outlets. The receiver of the transaction set will maintain some type of inventory/product movement records for its trading partners to enable replenishment calculations based on data provided by the distributor, warehouse or retailer.

### Note 1:

*A functional profile that describes the use of this transaction set for Canada.*

### Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0100	ST	Transaction Set Header	M	1			Must use	3
0200	XQ	Reporting Date/Action	M	1			Must use	4
0300	XPO	Preassigned Purchase Order Numbers	O	>1			Used	5
0400	N9	Extended Reference Information	O	>1			Used	6
0450	CUR	Currency	O	1			Used	7
* 0500	PER	Administrative Communications Contact	O	3				N/A
<b><u>LOOP ID - N1</u></b>					<b><u>200</u></b>	<b><u>N1/0600L</u></b>		8
0600	N1	Party Identification	O	1		N1/0600	Used	9
0700	N2	Additional Name Information	O	1			Used	11
0800	N3	Party Location	O	2			Used	12
0900	N4	Geographic Location	O	1			Used	13
* 1000	FOB	F.O.B. Related Instructions	O	1				N/A
* 1100	TD5	Carrier Details (Routing Sequence/Transit Time)	O	1				N/A
* 1200	DTM	Date/Time Reference	O	>1				N/A
* 1300	N9	Extended Reference Information	O	>1				N/A
* 1400	PER	Administrative Communications Contact	O	3				N/A

### Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
<b><u>LOOP ID - LIN</u></b>					<b><u>999999</u></b>			14
0100	LIN	Item Identification	O	1			Used	15
0200	CTP	Pricing Information	O	25			Used	18
0225	CUR	Currency	O	1			Used	20
* 0250	SAC	Service, Promotion, Allowance, or Charge Information	O	>1				N/A

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0300	PO4	Item Physical Details	O	1			Used	21
* 0400	N9	Extended Reference Information	O	>1				N/A
* 0500	AMT	Monetary Amount Information	O	10				N/A
* 0600	PAL	Pallet Type and Load Characteristics	O	1				N/A
* 0700	QTY	Quantity Information	O	>1				N/A
<b>LOOP ID - ZA</b>					<b>&gt;1</b>	<b>N2/0800L</b>		23
0800	ZA	Product Activity Reporting	M	1		N2/0800	Must use	24
* 0900	QTY	Quantity Information	O	>1				N/A
1000	CTP	Pricing Information	O	25			Used	28
1100	SDQ	Destination Quantity	O	>1			Used	29
<b>LOOP ID - G95</b>					<b>1</b>			32
1200	G95	Performance Requirements	O	1			Used	33
1300	DTM	Date/Time Reference	O	2			Used	37

**Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>	<u>Page</u>
0100	CTT	Transaction Totals	O	1		N3/0100	Used	38
0200	SE	Transaction Set Trailer	M	1			Must use	39

**Notes:**

- 1/0600L The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are mutually exclusive (the SDQ and the N1 with N101 containing RL).
- 1/0600 The reporting location is required. The reporting location is specified explicitly in the N1 segment using the code RL in N101, or implicitly using the SDQ segment (Table 2) with the location data elements. They are mutually exclusive (the SDQ and the N1 with N101 containing RL).
- 2/0800L The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
- 2/0800 The quantity for the item identified in the LIN segment is required. Quantity is specified either in the ZA segment (ZA02) or in the SDQ segment.
- 3/0100 The number of line items (CTT01) is the accumulation of the number of LIN segments. Hash total (CTT02) is not used in this transaction set. When sending item and activity data in the LIN loop, the CTT segment is required.

# ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the start of a transaction set and to assign a control number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use

**Description:** Code identifying a Transaction Set

**CodeList Summary** (Total Codes: 321, Included: 1)

**Code Name**

852 Product Activity Data

ST02	329	Transaction Set Control Number	M	AN	4/9	Must use
------	-----	--------------------------------	---	----	-----	----------

**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Note 1:** *The number is sequentially assigned by the sender, starting with one within each functional group. For each functional group, the first transaction set control number will be 0001 and incremented by one for each additional transaction set within the group.*

## Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition. When used, this implementation convention reference takes precedence over the implementation reference specified in the GS08.

# XQ Reporting Date/Action

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

**User Option (Usage):** Must use

**Purpose:** To specify reporting dates, actions to be taken and an identifying number

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
XQ01	305	Transaction Handling Code	M	ID	1/2	Must use

**Description:** Code specifying the action to be taken by all parties

**Note 1:** Use of code F or G requires the supplier to advise the distributor/warehouse of replenishment quantity usually via Transaction Set 855 or Transaction Set 856.

**CodeList Summary** (Total Codes: 23, Included: 3)

**Code Name**

- F Plan and Submit Suggested Purchase Order(s)
- G Plan Order(s) and Ship Product
- H Notification Only

XQ02	373	Date	M	DT	8/8	Must use
------	-----	------	---	----	-----	----------

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

XQ03	373	Date	O	DT	8/8	Used
------	-----	------	---	----	-----	------

**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

## Semantics:

- XQ02 is the reporting date. If reporting a date range, then XQ02 is the start date and XQ03 is the end date.
- XQ04 is a unique report identifier assigned by the sender.

# XPO Preassigned Purchase Order Numbers

Pos: 0300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit preassigned purchase order numbers

## Note 1:

*This segment is used only when purchase order number assignment has not previously been established by trading partners.*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
XPO01	324	Purchase Order Number	M	AN	1/22	Must use
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				
XPO02	324	Purchase Order Number	O	AN	1/22	Used
		<b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser				

## Syntax Rules:

1. P0304 - If either XPO03 or XPO04 is present, then the other is required.

## Semantics:

1. XPO01 is the preassigned purchase order number. If a range of purchase order numbers is to be transmitted, use XPO01 for the first number and XPO02 as the ending number.

## Comments:

1. XPO03 and XPO04 specify the location to which the purchase order numbers apply.

# N9 Extended Reference Information

Pos: 0400	Max: >1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N901	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code identifying the Reference Identification

**CodeList Summary** (Total Codes: 1817, Included: 6)

**Code Name**

AH Agreement Number

D3 National Council for Prescription Drug Programs Pharmacy Number

**Note 1:**

*Refer to Source Code 307 for reference document.*

DP Department Number

IA Internal Vendor Number

**Note 1:**

*Identification number assigned to the vendor, by the retailer, for use within the retailer's system*

IT Internal Customer Number

PD Promotion/Deal Number

N902	127	Reference Identification	X	AN	1/80	Must use
------	-----	--------------------------	---	----	------	----------

**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

## Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.
2. C0605 - If N906 is present, then N905 is required.

## Semantics:

1. N906 reflects the time zone which the time reflects.
2. N907 contains data relating to the value cited in N902.



# CUR Currency

Pos: 0450	Max: 1
Heading - Optional	
Loop: N/A	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1527, Included: 2)

**Code Name**

BY Buying Party (Purchaser)  
SE Selling Party

CUR02	100	Currency Code	M	ID	3/3	Must use
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**Description:** Code specifying the Standard ISO code for country in whose currency the charges are specified

## Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

## Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

# Loop Party Identification

Pos: 0600	Repeat: 200
Optional	
Loop: N1	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0600	N1	Party Identification	O	1		Used
0700	N2	Additional Name Information	O	1		Used
0800	N3	Party Location	O	2		Used
0900	N4	Geographic Location	O	1		Used

# N1 Party Identification

Pos: 0600	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To identify a party by type of organization, name, and code

**Note 1:**

*This segment is used to identify the retailer's location as it pertains to product activity data and must contain the identity of each organizational entity or a physical location. This is accomplished in one of two ways:*

**BASIC**

*There will be at least one occurrence of this segment to identify the retailer's reporting location. If XQ01 contains code G, it is assumed that, for a particular reporting location, the vendor has the bill to and ship to.*

**SPREADSHEET**

*The SDQ segment identifies the retailer's reporting locations. Therefore, code RL is not used in the N1 segment for the spreadsheet product activity.*

*In some EDI implementations, it may be necessary to identify the sender and/or receiver of the transaction set. To identify the sender of the transaction set, N101 will contain code FR. To identify the receiver of the transaction set, N101 will contain code TO.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1527, Included: 6)

Code Name

- BS Bill and Ship To
- BT Bill-to-Party
- FR Message From
- RL Reporting Location
- ST Ship To
- TO Message To

N102	93	Name	X	AN	1/60	Used
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**Description:** Free-form name

N103	66	Identification Code Qualifier	X	ID	1/2	Must use
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**Description:** Code specifying the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 255, Included: 7)

Code Name

- 1 D-U-N-S Number, Dun & Bradstreet

**Note 1:**

*See External Code Source 16 in Section III for reference document.*

- 9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

**Note 1:**



# N2 Additional Name Information

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify additional names

**Note 1:**

*This segment is normally not used in this transaction set.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N201	93	<b>Name</b>	M	AN	1/60	Must use
		<b>Description:</b> Free-form name				
N202	93	<b>Name</b>	O	AN	1/60	Used
		<b>Description:</b> Free-form name				

# N3 Party Location

Pos: 0800	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the location of the named party

**Note 1:**

*This segment is normally not used in this transaction set.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	<b>Address Information</b>	M	AN	1/55	Must use
		<b>Description:</b> Address information				
N302	166	<b>Address Information</b>	O	AN	1/55	Used
		<b>Description:</b> Address information				

# N4 Geographic Location

Pos: 0900	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify the geographic place of the named party

## Note 1:

*This segment is normally not used in this transaction set.*

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
N401	19	<b>City Name</b>	O	AN	2/30	Used
		<b>Description:</b> Free-form text for city name				
N402	156	<b>State or Province Code</b>	X	ID	2/2	Used
		<b>Description:</b> Code specifying the Standard State/Province as defined by appropriate government agency				
		<b>Note 1:</b> See External Code Source 22 in Section III for reference document.				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code specifying international postal zone code excluding punctuation and blanks (zip code for United States)				
		<b>Note 1:</b> See External Code Source 51 in Section III for reference document.				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
		<b>Note 1:</b> See External Code Source 5 in Section III for reference document.				
		<b>Note 2:</b> CA Canada MX Mexico US United States				

## Syntax Rules:

1. E0207 - Only one of N402 or N407 may be present.
2. C0605 - If N406 is present, then N405 is required.
3. C0704 - If N407 is present, then N404 is required.

## Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.

# Loop Item Identification

Pos: 0100      Repeat: 999999  
 Optional  
 Loop: LIN    Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify basic item identification data

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0100	LIN	Item Identification	O	1		Used
0200	CTP	Pricing Information	O	25		Used
0225	CUR	Currency	O	1		Used
0300	PO4	Item Physical Details	O	1		Used
0800		Loop ZA	M		>1	Must use



# LIN Item Identification

Pos: 0100	Max: 1
Detail - Optional	
Loop: LIN	Elements: 9

**User Option (Usage):** Used

**Purpose:** To specify basic item identification data

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LIN01	350	<b>Assigned Identification</b>	O	AN	1/20	Used
		<b>Description:</b> Alphanumeric characters assigned for differentiation within a transaction set				
LIN02	235	<b>Product/Service ID Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 546, Included: 7)				
		<u>Code</u>	<u>Name</u>			
		CA	Case			
		EN	GTIN-13			
			<b>Description:</b> A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items			
		EO	GTIN-8			
			<b>Description:</b> An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items			
		IN	Buyer's Item Number			
		UK	GTIN-14			
			<b>Description:</b> A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items			
		UP	GTIN-12			
			<b>Description:</b> A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items			
		VN	Vendor's (Seller's) Item Number			
LIN03	234	<b>Product/Service ID</b>	M	AN	1/80	Must use
		<b>Description:</b> Identifying number for a product or service				
LIN04	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
		<b>Description:</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234)				
		<b>CodeList Summary</b> (Total Codes: 546, Included: 7)				
		<u>Code</u>	<u>Name</u>			
		CA	Case			
		EN	GTIN-13			
			<b>Description:</b> A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items			
		EO	GTIN-8			
			<b>Description:</b> An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items			

**Code Name**

IN Buyer's Item Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

LIN05 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

LIN06 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 7)

**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

IN Buyer's Item Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

LIN07 234 **Product/Service ID** X AN 1/80 Used

**Description:** Identifying number for a product or service

LIN08 235 **Product/Service ID Qualifier** X ID 2/2 Used

**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**CodeList Summary** (Total Codes: 546, Included: 7)

**Code Name**

CA Case

EN GTIN-13

**Description:** A 13-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

EO GTIN-8

**Description:** An 8-digit GS1 Identification Key composed of a GS1-8 Prefix, Item Reference, and Check Digit used to identify trade items

**Code Name**

IN Buyer's Item Number

UK GTIN-14

**Description:** A 14-digit GS1 Identification Key composed of an Indicator Digit, GS1 Company Prefix, Item Reference and Check Digit used to identify trade items

UP GTIN-12

**Description:** A 12-digit GS1 Identification Key composed of a GS1 Company Prefix, Item Reference, and Check Digit used to identify trade items

VN Vendor's (Seller's) Item Number

LIN09	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service**Syntax Rules:**

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

**Semantics:**

1. LIN01 is the line item identification

**Comments:**

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.

# CTP Pricing Information

Pos: 0200	Max: 25
Detail - Optional	
Loop: LIN	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify pricing information

**Note 1:**

*The prices specified in this segment, in the LIN loop, apply to all quantities in the ZA or SDQ segments. This segment is used to report prices associated with the item and activity. It is not used to report total dollar values. This segment can also be used to further define quantity sold/quantity on order within the associated ZA loop by sales type (i.e., promotion/event sales, clearance/markdown sales, non-promotion/non-markdown sales).*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTP01	687	<b>Class of Trade Code</b>	O	ID	2/2	Used

**Description:** Code indicating class of trade

**CodeList Summary** (Total Codes: 63, Included: 6)

<u>Code</u>	<u>Name</u>
AG	Agent
BG	Buying Group
DE	Dealer
DI	Distributor
RS	Resale
WH	Wholesaler

CTP02	236	<b>Price Identifier Code</b>	X	ID	3/3	Must use
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**Description:** Code identifying pricing specification

**CodeList Summary** (Total Codes: 169, Included: 7)

<u>Code</u>	<u>Name</u>
ALT	Alternate Price
CAT	Catalog Price
CDV	Current Domestic Value

**Note 1:**  
*Retail price of last item sold during the reporting period (last selling price)*

MSR	Manufacturer's Suggested Retail
PRP	Promotional price

**Note 1:**  
*Promotion/Event*

RTL	Retail
UCP	Unit cost price

**Note 1:**  
*Item list cost*

CTP03	212	<b>Unit Price</b>	X	R	1/17	Must use
-------	-----	-------------------	---	---	------	----------

**Description:** Price per unit of product, service, commodity, etc.

**Note 1:** *The price is sent with a decimal point only when needed, e.g., \$15.95 would be*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<i>sent as "15.95", and \$29.00 would be sent as "29".</i>				

**Syntax Rules:**

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

**Semantics:**

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

**Comments:**

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

# CUR Currency

Pos: 0225	Max: 1
Detail - Optional	
Loop: LIN	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify the currency (dollars, pounds, francs, etc.) used in a transaction

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CUR01	98	Entity Identifier Code	M	ID	2/3	Must use

**Description:** Code identifying an organizational entity, a physical location, property or an individual

**CodeList Summary** (Total Codes: 1527, Included: 2)

**Code Name**

BY Buying Party (Purchaser)  
SE Selling Party

CUR02	100	Currency Code	M	ID	3/3	Must use
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**Description:** Code specifying the Standard ISO code for country in whose currency the charges are specified

## Syntax Rules:

1. C0807 - If CUR08 is present, then CUR07 is required.
2. C0907 - If CUR09 is present, then CUR07 is required.
3. L101112 - If CUR10 is present, then at least one of CUR11 or CUR12 is required.
4. C1110 - If CUR11 is present, then CUR10 is required.
5. C1210 - If CUR12 is present, then CUR10 is required.
6. L131415 - If CUR13 is present, then at least one of CUR14 or CUR15 is required.
7. C1413 - If CUR14 is present, then CUR13 is required.
8. C1513 - If CUR15 is present, then CUR13 is required.
9. L161718 - If CUR16 is present, then at least one of CUR17 or CUR18 is required.
10. C1716 - If CUR17 is present, then CUR16 is required.
11. C1816 - If CUR18 is present, then CUR16 is required.
12. L192021 - If CUR19 is present, then at least one of CUR20 or CUR21 is required.
13. C2019 - If CUR20 is present, then CUR19 is required.
14. C2119 - If CUR21 is present, then CUR19 is required.

## Comments:

1. See Figures Appendix for examples detailing the use of the CUR segment.

# PO4 Item Physical Details

Pos: 0300	Max: 1
Detail - Optional	
Loop: LIN	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify the physical qualities, packaging, weights, and dimensions relating to the item

## Note 1:

*This segment is used to specify the packaging of the item in the case or carton. There may be two levels of packaging specified. The first level is always specified by using PO401 (Pack). The first level may be actual items, e.g., consumer units, or it may be the number of smaller containers within the case. The second level, specified using PO414 (Inner Pack), is the number of eaches in each inner container when PO401 is the number of smaller containers within the case. See Section V (Pack/Inner Pack Usage) for usage examples.*

*This segment may be used to specify the weight and/or volume (cube) for the item by using PO406 and PO407, and/or PO408 and PO409.*

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PO401	356	<b>Pack</b>	O	N0	1/6	Used

**Description:** The number of inner containers, or number of eaches if there are no inner containers, per outer container

PO402	357	<b>Size</b>	X	R	1/8	Used
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**Description:** Size of supplier units in pack

PO403	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 903, Included: 15)

### Code Name

BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

## Syntax Rules:

1. P0203 - If either PO402 or PO403 is present, then the other is required.
2. C0506 - If PO405 is present, then PO406 is required.
3. P0607 - If either PO406 or PO407 is present, then the other is required.

4. P0809 - If either PO408 or PO409 is present, then the other is required.
5. C1013 - If PO410 is present, then PO413 is required.
6. C1113 - If PO411 is present, then PO413 is required.
7. C1213 - If PO412 is present, then PO413 is required.
8. L13101112 - If PO413 is present, then at least one of PO410, PO411 or PO412 is required.
9. C1716 - If PO417 is present, then PO416 is required.
10. C1804 - If PO418 is present, then PO404 is required.

### **Semantics:**

1. PO415 is used to indicate the relative layer of this package or range of packages within the layers of packaging. Relative Position 1 (value R1) is the innermost package.
2. PO416 is the package identifier or the beginning package identifier in a range of identifiers.
3. PO417 is the ending package identifier in a range of identifiers.
4. PO418 is the number of packages in this layer.

### **Comments:**

1. PO403 - The "Unit or Basis for Measure Code" in this segment position is for purposes of defining the unit of measure of the "Size" identified in the PO402. For example: If the carton contains 24 12-Ounce packages, it would be described as follows: Data element 356 = "24"; Data element 357 = "12"; Data element 355 = "OZ".
2. PO413 defines the unit of measure for PO410, PO411, and PO412.



# Loop Product Activity Reporting

Pos: 0800	Repeat: >1
Mandatory	
Loop: ZA	Elements: N/A

**User Option (Usage):** Must use

**Purpose:** To provide activity details concerning product being reported

## Loop Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
0800	ZA	Product Activity Reporting	M	1		Must use
1000	CTP	Pricing Information	O	25		Used
1100	SDQ	Destination Quantity	O	>1		Used
1200		Loop G95	O		1	Used

# ZA Product Activity Reporting

Pos: 0800	Max: 1
Detail - Mandatory	
Loop: ZA	Elements: 7

**User Option (Usage):** Must use

**Purpose:** To provide activity details concerning product being reported

**Note 1:**

If ZA02 and ZA03 are used to specify the quantity of the item identified in the LIN segment, the SDQ segment is not used.  
 All quantity values (ZA03 or quantity values in the SDQ segment) are expressed as a positive number for all activities except for adjustments (code QA and QT in ZA01). An adjustment is any activity, other than a retail sale or warehouse withdrawal, that changes the inventory position for the item. Inter-store transfers are reported as a positive adjustment for the transfer-to store and a negative adjustment for the transfer-from store. An adjustment to inventory can also be made as a result of a physical inventory, for example, shrinkage is reported as a negative adjustment, understated inventory is reported as a positive adjustment.  
 To express activity in dollars, use the unit of measure DO (Dollars, U.S.) in ZA03 or SDQ01. Multiple ZA segments may be used with the same activity code to specify units and dollars, and, to report activity at different prices. Sales types, promotion/event sales, clearance/markdown sales and non-promotion/non-clearance sales are used in conjunction with a CTP segment to specify the price and/or sales type.  
 For example, if three stores sold an item for one price and five other stores sold the same item for a different price, two ZA loops may be used to report the sale quantity at the appropriate price. The first ZA loop would contain the price in the CTP segment and one SDQ segment with the three stores/quantities. The second loop would specify the other price and one SDQ segment for the remaining five stores/quantities.

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
ZA01	859	Activity Code	M	ID	2/2	Must use

**Description:** Code identifying activity details for the product being reported

**CodeList Summary** (Total Codes: 43, Included: 18)

**Code Name**

DG Quantity Damaged  
**Description:** Total product listed as damaged goods

HL Quantity on Hold

Q4 Quantity Ordered

**Note 1:**

Quantity ordered for the specified period

QA Current Inventory Quantity Available for Shipment or Sale

**Description:** Indicates the quantity currently available to be sold or shipped

**Note 1:**

On-hand inventory at store/distribution center/warehouse available for shipment or sale

QC Quantity Committed

**Description:** Quantity reserved for orders not shipped

**Note 1:**

Quantity reserved for consumer delivery/pick up and not yet withdrawn from inventory. Memo quantity to aid in calculating replenishment needs.

QD Additional Demand Quantity

**Note 1:**

Incremental needs over and above normal replenishment calculation

**Code Name**

QL	<p>Minimum Inventory Quantity</p> <p><b>Description:</b> <i>The minimum inventory quantity for replenishment purposes</i></p> <p><b>Note 1:</b></p> <p><i>To define minimum inventory quantity for replenishment calculations of the total model, i.e., the order point trigger</i></p>
QM	<p>Maximum Inventory Quantity</p> <p><b>Description:</b> <i>The maximum inventory quantity for replenishment purposes</i></p> <p><b>Note 1:</b></p> <p><i>To define maximum inventory quantity for replenishment calculations of the total model, i.e., the order up to level quantity</i></p>
QN	<p>Planned Inventory Quantity</p> <p><b>Description:</b> <i>To define the planned inventory quantity for replenishment purposes</i></p> <p><b>Note 1:</b></p> <p><i>Planned inventory level for VMI (Vendor Managed Inventory) replenishment calculations, i.e., the desired level on-hand at the store/distribution center/warehouse. If the quantity is zero, it indicates product replenishment is to be discontinued. Subsequent use of code QN with a quantity greater than zero would re-establish the product.</i></p>
QO	<p>Quantity Out of Stock</p> <p><b>Note 1:</b></p> <p><i>Quantity not available at store/distribution center/warehouse resulting in lost sales, rainchecks or demand for merchandise that could not be satisfied, i.e., sale was not consummated and indicates potential adjustment of VMI (Vendor Managed Inventory) model areas</i></p>
QP	<p>Quantity On Order, Not Yet Received</p> <p><b>Description:</b> <i>Total quantity expected to be received from supplier for current reporting period, but not yet received</i></p> <p><b>Note 1:</b></p> <p><i>Total merchandise quantity ordered and not yet received by the retailer</i></p>
QR	<p>Quantity Received</p> <p><b>Note 1:</b></p> <p><i>Receipts at store, distribution center or warehouse</i></p>
QS	<p>Quantity Sold</p> <p><b>Note 1:</b></p> <p><i>Sales at retail (gross quantity, no returns netted out)</i></p>
QT	<p>Adjustment to Inventory Quantity</p> <p><b>Note 1:</b></p> <p><i>Adjustment to inventory quantity as a result of a physical inventory discrepancy or internal movement of goods from one location to another</i></p>
QU	<p>Quantity Returned By Consumer</p>
QW	<p>Quantity Withdrawn from Warehouse Inventory</p> <p><b>Description:</b> <i>Total quantity withdrawn from the warehouse for sales purposes, purposes of unsaleability, or as a result of an intracompany warehouse transfer, promotions, etc.</i></p> <p><b>Note 1:</b></p> <p><i>Internal store withdrawal from distribution center or warehouse inventory</i></p>
QX	<p>Quantity Requested (Will Override Replenishment Planning)</p> <p><b>Note 1:</b></p>

**Code Name**

*Quantity to override the normal replenishment planning, but not intended to permanently change the model levels*

RQ Quantity Returned (Sellable/Resellable)

**Note 1:**

*Returned to supplier*

ZA02 380 **Quantity** X R 1/15 Used

**Description:** Numeric value of quantity

ZA03 355 **Unit or Basis for Measurement Code** X ID 2/2 Used

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 903, Included: 17)

**Code Name**

- BA Bale
- BG Bag
- BO Bottle
- BX Box
- CA Case
- CN Can
- CT Carton
- D1 Dollars, Canadian
- DO Dollars, U.S.
- DS Display
- DZ Dozen
- EA Each
- KG Kilogram
- LB Pound
- PK Package
- PL Pallet/Unit Load
- RL Roll

ZA04 374 **Date/Time Qualifier** X ID 3/3 Used

**Description:** Code specifying type of date or time, or both date and time

**CodeList Summary** (Total Codes: 1307, Included: 5)

**Code Name**

002 Delivery Requested

**Note 1:**

*This code is used only when ZA01 contains code QD, QP or QX. If promotion start and end dates associated with the additional demand quantity are needed, the G95 loop may be used.*

007 Effective

**Note 1:**

*Inventory taken, on order as of, etc.*

036 Expiration

**Description:** Date coverage expires

		<u>Code</u>	<u>Name</u>				
		090	Report Start				
		091	Report End				
ZA05	373	<b>Date</b>		X	DT	8/8	Used
		<b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year					
ZA06	128	<b>Reference Identification Qualifier</b>		X	ID	2/3	Used
		<b>Description:</b> Code identifying the Reference Identification					
		<b>CodeList Summary</b> (Total Codes: 1817, Included: 6)					
		<u>Code</u>	<u>Name</u>				
		AH	Agreement Number				
		D3	National Council for Prescription Drug Programs Pharmacy Number				
		DP	Department Number				
		IA	Internal Vendor Number				
		<b>Note 1:</b>					
		<i>Identification number assigned to the vendor, by the retailer, for use within the retailer's system</i>					
		IT	Internal Customer Number				
		<b>Note 1:</b>					
		<i>Identification number assigned to the retailer, by the vendor, for use within the vendor's system</i>					
		PD	Promotion/Deal Number				
ZA07	127	<b>Reference Identification</b>		X	AN	1/80	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

**Syntax Rules:**

1. P0203 - If either ZA02 or ZA03 is present, then the other is required.
2. P0405 - If either ZA04 or ZA05 is present, then the other is required.
3. P0607 - If either ZA06 or ZA07 is present, then the other is required.

**Semantics:**

1. ZA08 determines if the product activity code in ZA01 refers to a product that is categorized as In-bond merchandise. A "Y" indicates that the activity code applies to a product that is In-bond; an "N" indicates that the activity code does not refer to a product that is In-bond.

# CTP Pricing Information

Pos: 1000	Max: 25
Detail - Optional	
Loop: ZA	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pricing information

**Note 1:**

The prices specified in this segment, in the ZA loop, apply only to quantities within that ZA loop, e.g., quantities in the ZA or SDQ segments. This price will override the same price type listed in the LIN loop, if used. This segment is used to report prices associated with the item and activity. It is not used to report total dollar values. This segment can also be used to further define quantity sold/quantity on order within the associated ZA loop by sales type (i.e., promotion/event sales, clearance/markdown sales, non-promotion/non-markdown sales).

**Element Summary:**

Ref	Id	Element Name	Req	Type	Min/Max	Usage
CTP02	236	Price Identifier Code	X	ID	3/3	Must use

**Description:** Code identifying pricing specification

**CodeList Summary** (Total Codes: 169, Included: 3)

**Code Name**

PRP Promotional price

**Note 1:**

Promotion/Event

RTL Retail

SPC Special Price

**Note 1:**

Clearance/Markdown

CTP03	212	Unit Price	X	R	1/17	Used
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**Description:** Price per unit of product, service, commodity, etc.

**Note 1:** The price is sent with a decimal point only when needed, e.g., \$15.95 would be sent as "15.95", and \$29.00 would be sent as "29".

**Syntax Rules:**

1. P0405 - If either CTP04 or CTP05 is present, then the other is required.
2. C0607 - If CTP06 is present, then CTP07 is required.
3. C0902 - If CTP09 is present, then CTP02 is required.
4. C1002 - If CTP10 is present, then CTP02 is required.
5. C1103 - If CTP11 is present, then CTP03 is required.

**Semantics:**

1. CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of .90 would be the factor if a 10% discount is given.
2. CTP08 is the rebate amount.

**Comments:**

1. See Figures Appendix for an example detailing the use of CTP03 and CTP04.
2. See Figures Appendix for an example detailing the use of CTP03, CTP04 and CTP07.

# SDQ Destination Quantity

Pos: 1100	Max: >1
Detail - Optional	
Loop: ZA	Elements: 22

**User Option (Usage):** Used

**Purpose:** To specify destination and quantity detail

**Note 1:**

*This segment is used to distribute item quantity to various locations.  
If this segment is used to specify the quantity of the item identified in the LIN segment, ZA02 and ZA03 are not used.*

**Element Summary:**

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SDQ01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use

**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 903, Included: 17)

<u>Code</u>	<u>Name</u>
BA	Bale
BG	Bag
BO	Bottle
BX	Box
CA	Case
CN	Can
CT	Carton
D1	Dollars, Canadian
DO	Dollars, U.S.
DS	Display
DZ	Dozen
EA	Each
KG	Kilogram
LB	Pound
PK	Package
PL	Pallet/Unit Load
RL	Roll

SDQ02	66	Identification Code Qualifier	O	ID	1/2	Must use
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**Description:** Code specifying the system/method of code structure used for Identification Code (67)

**CodeList Summary** (Total Codes: 255, Included: 7)

<u>Code</u>	<u>Name</u>
1	D-U-N-S Number, Dun & Bradstreet
<b>Note 1:</b>	
<i>See External Code Source 16 in Section III for reference document.</i>	
9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix
<b>Note 1:</b>	

**Code Name**

*See External Code Source 16 in Section III for reference document.*

21 Health Industry Number (HIN)

**Note 1:**

*See External Code Source 121 in Section III for reference document.*

91 Assigned by Seller or Seller's Agent

92 Assigned by Buyer or Buyer's Agent

UL Global Location Number (GLN)

**Description:** A globally unique 13 digit code used for the identification of any physical or legal location that needs to be uniquely identified for use in the supply chain. A GS1 identification key

**Note 1:**

*See External Code Source 583 in Section III for reference document.*

UM GS1 Global Location Number with Extension Component

**Description:** A globally unique 13-digit code with a one to twenty character extension component used, for the identification of a legal or physical location

SDQ03	67	<b>Identification Code</b>	M	AN	2/80	Must use
		<b>Description:</b> Code identifying a party or other code				
SDQ04	380	<b>Quantity</b>	M	R	1/15	Must use
		<b>Description:</b> Numeric value of quantity				
SDQ05	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ06	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ07	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ08	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ09	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ10	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ11	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ12	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ13	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ14	380	<b>Quantity</b>	X	R	1/15	Used



<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Description:</b> Numeric value of quantity				
SDQ15	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ16	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ17	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ18	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ19	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ20	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
SDQ21	67	<b>Identification Code</b>	X	AN	2/80	Used
		<b>Description:</b> Code identifying a party or other code				
SDQ22	380	<b>Quantity</b>	X	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				

### Syntax Rules:

1. P0506 - If either SDQ05 or SDQ06 is present, then the other is required.
2. P0708 - If either SDQ07 or SDQ08 is present, then the other is required.
3. P0910 - If either SDQ09 or SDQ10 is present, then the other is required.
4. P1112 - If either SDQ11 or SDQ12 is present, then the other is required.
5. P1314 - If either SDQ13 or SDQ14 is present, then the other is required.
6. P1516 - If either SDQ15 or SDQ16 is present, then the other is required.
7. P1718 - If either SDQ17 or SDQ18 is present, then the other is required.
8. P1920 - If either SDQ19 or SDQ20 is present, then the other is required.
9. P2122 - If either SDQ21 or SDQ22 is present, then the other is required.

### Semantics:

1. SDQ23 identifies the area within the location identified in SDQ03, SDQ05, SDQ07, SDQ09, SDQ11, SDQ13, SDQ15, SDQ17, SDQ19, and SDQ21.

### Comments:

1. SDQ02 is used only if different than previously defined in the transaction set.
2. SDQ03 is the store number.
3. SDQ23 may be used to identify areas within a store, e.g., front room, back room, selling outpost, end aisle display, etc. The value is agreed to by trading partners or industry conventions.

# Loop Performance Requirements

Pos: 1200      Repeat: 1  
 Optional  
 Loop: G95    Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify the "AND" or "OR" condition for the option, or provide information related to the promotion performance conditions and allocations required, or both

**Note 1:**

*This loop is used only when ZA01 contains code QD, QX, or code QW, to identify a promotion and its start and end dates. When ZA01 contains code QW (Quantity Withdrawn from Warehouse Inventory), and is used to define the portion of warehouse withdrawals pertaining to a promotion for a specific product, G9504 is used to identify the quantity associated with the promotion.*

**Loop Summary:**

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Usage</u>
1200	G95	Performance Requirements	O	1		Used
1300	DTM	Date/Time Reference	O	2		Used

# G95 Performance Requirements

Pos: 1200	Max: 1
Detail - Optional	
Loop: G95	Elements: 3

**User Option (Usage):** Used

**Purpose:** To specify the "AND" or "OR" condition for the option, or provide information related to the promotion performance conditions and allocations required, or both

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
G9502	422	Promotion Condition Code	M	ID	2/2	Must use

**Description:** Code specifying a performance or advertising condition

**CodeList Summary** (Total Codes: 76, Included: 50)

**Code Name**

- 01 Product Allocation
- 02 Number of Buy Restriction
- 10 Ad, Size Not Specified

**Note 1:**

*Vendor requires a newspaper ad with no size specification*

- 11 Ad, 1 Col Inch
- 12 Ad, 2 Col Inch
- 13 Ad, 3 Col Inch
- 14 Ad, 4 Col Inch
- 15 Ad, 5 Col Inch
- 16 Ad, 6 Col Inch or Greater
- 17 Ad, Full Page
- 18 Ad, Half Page
- 19 Ad, Quarter Page
- 20 Ad, Coupon

**Note 1:**

*Vendor requires buyer to run a coupon ad that has a monetary value discounting the product(s) that is/are applicable*

- 21 Ad, Color

**Note 1:**

*Vendor requires buyer to run a color ad for the product(s) offered. This condition code may be used in conjunction with other ad condition codes.*

- 22 Ad, Product Illustration

**Note 1:**

*Vendor requires buyer to picture illustrate the product(s) offered. This condition code may be used in conjunction with other ad condition codes.*

- 23 Ad, National Line Rate

**Note 1:**

*Vendor requires buyer to advertise product(s) offered in media normally used. Payment is made for space (per inch or line) without restrictions for space used or frequency of insertion.*

- 25 Ad, Roto
- 26 Ad, Free Standing

**Note 1:**

<b>Code</b>	<b>Name</b>
	<i>Vendor requires buyer to run a free standing ad illustrating product(s) offered. This ad is separate and apart from normal weekly media used.</i>
28	Ad, Window Signs
	<b>Note 1:</b> <i>Vendor requires buyer to post a store window sign advertising the product(s) offered.</i>
32	Ad, Price Reduction
	<b>Note 1:</b> <i>Vendor requires ad at a reduced price. This condition code may be used in conjunction with other ad condition codes.</i>
33	Ad, Circulars
	<b>Note 1:</b> <i>Vendor requires buyer to advertise product(s) offered in a circular publication. Circulation intended for buyer's customers.</i>
34	Ad, Television
35	Ad, Radio
36	Ad, Handbill
	<b>Note 1:</b> <i>Vendor requires buyer to advertise product(s) offered in a loose publication format to be distributed by hand.</i>
37	Ad, Newspaper Insert
39	Ad, See Free-form Message
	<b>Note 1:</b> <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i>
40	Display
	<b>Note 1:</b> <i>Vendor requires an in-store display of product(s) offered.</i>
41	Display, End Aisle
	<b>Note 1:</b> <i>Vendor requires a display separate and apart from the store shelf.</i>
42	Display, Aisle Stack
	<b>Note 1:</b> <i>Vendor requires a display separate and apart from the store shelf.</i>
44	Display, Cases per Store
	<b>Note 1:</b> <i>Vendor requires a display with a specified number of cases per store.</i>
45	Display, Number of Days
	<b>Note 1:</b> <i>Vendor requires a display with a specified number of days.</i>
46	Display, Shelf Extender
49	Display, Number of Stores
	<b>Note 1:</b> <i>Vendor requires a display with a specified number of stores.</i>
51	Display, Price Reduction
	<b>Note 1:</b>

<b>Code</b>	<b>Name</b>
	<i>Vendor requires a display with a specified price reduction.</i>
59	Display, See Free-form Message
	<b>Note 1:</b> <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i>
60	Reduced Price
	<b>Note 1:</b> <i>Vendor requires a price reduction for product(s) offered with no amount, restriction or condition.</i>
61	Reduced Price, Number of Days
	<b>Note 1:</b> <i>Vendor requires a price reduction for a specific number of days.</i>
62	Reduced Price With Shelf Sign
	<b>Note 1:</b> <i>Vendor requires a price reduction for product(s) offered. Buyer must list the price reduction in the retail store's price/order guide.</i>
63	Reduced Price, In Price/Order Guide
	<b>Note 1:</b> <i>Vendor requires a price reduction for product(s) offered. Buyer must indicate price reduction with a point-of-sale shelf sign.</i>
64	Reduced Price, In Store Coupons
	<b>Note 1:</b> <i>Vendor requires buyer to offer in-store coupons on the product(s) offered. Coupons are redeemable from the point-of-sale at each buyer's retail outlet.</i>
69	Reduced Price, See Free-form Message
	<b>Note 1:</b> <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i>
70	Retail Distribution (One Case per Store)
71	Retail Distribution (X Cases per Store)
72	Retail Distribution (X Number of Stores)
79	Retail Distribution
	<b>Note 1:</b> <i>Used in conjunction with condition codes to point to free form messages. Free form message will describe data such as amount to be reduced, number of stores, cases, days and other short text relating to a particular condition code.</i>
81	Accrual Limit
	<b>Description:</b> <i>A dollar amount customarily paid on a per case basis on product purchases in a prior period as defined by the manufacturer or broker</i>
82	Flat Limit
	<b>Description:</b> <i>A fixed or flat allowance amount paid for rendering performance as specified by the option code</i>
83	Number of Required Promotion Performances
	<b>Description:</b> <i>Number of times a promotion must be performed to qualify for the allowance amount</i>
88	Advertisement or Display or Reduced Price

**Code Name**

**Description:** *A promotion condition which requires an Advertisement or an in-store display, or a reduction in the shelf price of an item in order to qualify for the allowance amount*

**Note 1:**

*A promotion condition which requires an advertisement, an in-store display, or a reduction in the shelf price of an item in order to qualify for the allowance amount.*

99 See Free-form Text

G9504	380	<b>Quantity</b>	X	R	1/15	Used
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**Description:** Numeric value of quantity

G9505	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Used
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**Description:** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken

**CodeList Summary** (Total Codes: 903, Included: 15)

**Code Name**

- BA Bale
- BG Bag
- BO Bottle
- BX Box
- CA Case
- CN Can
- CT Carton
- DS Display
- DZ Dozen
- EA Each
- KG Kilogram
- LB Pound
- PK Package
- PL Pallet/Unit Load
- RL Roll

**Syntax Rules:**

1. P0405 - If either G9504 or G9505 is present, then the other is required.

**Semantics:**

1. If G9502 equals "99", then G9506 is required.
2. G9507 contains the number of days included in the promotion period.

# DTM Date/Time Reference

Pos: 1300	Max: 2
Detail - Optional	
Loop: G95	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify pertinent dates and times

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use

**Description:** Code specifying type of date or time, or both date and time

**CodeList Summary** (Total Codes: 1307, Included: 2)

**Code Name**

015 Promotion Start

016 Promotion End

DTM02	373	Date	X	DT	8/8	Must use
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**Description:** Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year

## Syntax Rules:

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

# CTT Transaction Totals

Pos: 0100	Max: 1
Summary - Optional	
Loop: N/A	Elements: 1

**User Option (Usage):** Used

**Purpose:** To transmit a hash total for a specific element in the transaction set

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
CTT01	354	Number of Line Items	M	N0	1/6	Must use

**Description:** Total number of line items in the transaction set

**Note 1:** *The number of LIN segments present in the transaction set*

## Syntax Rules:

1. P0304 - If either CTT03 or CTT04 is present, then the other is required.
2. P0506 - If either CTT05 or CTT06 is present, then the other is required.

## Comments:

1. This segment is intended to provide hash totals to validate transaction completeness and correctness.



# SE Transaction Set Trailer

Pos: 0200	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

**User Option (Usage):** Must use

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

## Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	<b>Number of Included Segments</b>	M	N0	1/10	Must use

**Description:** Total number of segments included in a transaction set including ST and SE segments

SE02	329	<b>Transaction Set Control Number</b>	M	AN	4/9	Must use
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**Description:** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set

**Note 1:** *This must be the same number as is in the ST segment (ST02) for the transaction set.*

## Comments:

1. SE is the last segment of each transaction set.