



# 810 HC Invoice

Healthcare EDI Consignment

**Version: 006020HC 2020 Final**

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# 810 HC Invoice - Canada

## Functional Group=IN

**Purpose:** This X12 Transaction Set contains the format and establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide for customary and established business and industry practice relative to the billing for goods and services provided.

### 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>
0100	ST	Transaction Set Header	M	1			Must use
0200	BIG	Beginning Segment for Invoice	M	1			Must use
0400	CUR	Currency	O	1			Used
0600	PER	Administrative Communications Contact	O	3			Used
<b>LOOP ID - N1</b>					<b>200</b>		
0700	N1	Party Identification	O	1			Used
0800	N2	Additional Name Information	O	2			Used
0900	N3	Party Location	O	2			Used
1000	N4	Geographic Location	O	1			Used
1300	ITD	Terms of Sale/Deferred Terms of Sale	O	>1			Used
1400	DTM	Date/Time Reference	O	10			Used

### 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>
<b>LOOP ID - IT1</b>					<b>200000</b>		
0100	IT1	Baseline Item Data (Invoice)	O	1			Used
0400	TXI	Tax Information	O	>1			Used
<b>LOOP ID - PID</b>					<b>1000</b>		
0600	PID	Product/Item Description	O	1			Used
1200	REF	Reference Information	O	>1			Used
1500	DTM	Date/Time Reference	O	10			Used
<b>LOOP ID - SAC</b>					<b>&gt;1</b>		
1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
<b>LOOP ID - TXI</b>					<b>&gt;1</b>		
1900	TXI	Tax Information	O	1			Used

### 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>
0100	TDS	Total Monetary Value Summary	M	1			Must use
0200	TXI	Tax Information	O	>1			Used
<b>LOOP ID - SAC</b>					<b>&gt;1</b>		

<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>
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1			Used
<b>LOOP ID - TXI</b>					<b>&gt;1</b>		
0500	TXI	Tax Information	O	1			Used
0700	CTT	Transaction Totals	O	1		N3/0700	Used
0800	SE	Transaction Set Trailer	M	1			Must use

**Notes:**

3/0700 Number of line items (CTT01) is the accumulation of the number of IT1 segments. If used CTT02 is the hash total of the quantities invoiced (IT102) for each IT1 segment.

# 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 uniquely identifying a Transaction Set

**Code List Summary** (Total Codes: 320, Included: 1)

<u>Code</u>	<u>Name</u>
810	Invoice

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

## 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.

# BIG Beginning Segment for Invoice

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 7

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

**Purpose:** To indicate the beginning of an invoice transaction set and transmit identifying numbers and dates

## 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>
BIG01	373	<b>Date</b>  <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	M	DT	8/8	Must use
BIG02	76	<b>Invoice Number</b>  <b>Description:</b> Identifying number assigned by issuer	M	AN	1/22	Must use
BIG03	373	<b>Date</b>  <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>User Note 1:</b> <i>Purchase order date</i>	O	DT	8/8	Used
BIG04	324	<b>Purchase Order Number</b>  <b>Description:</b> Identifying number for Purchase Order assigned by the orderer/purchaser	O	AN	1/22	Used
BIG05	328	<b>Release Number</b>  <b>Description:</b> Number identifying a release against a Purchase Order previously placed by the parties involved in the transaction <b>User Note 1:</b> <i>Release against the purchase order, if used</i>	O	AN	1/30	Used
BIG07	640	<b>Transaction Type Code</b>  <b>Description:</b> Code specifying the type of transaction <b>User Note 1:</b> <i>This data element is used only when special identification of the invoice is needed, between trading partners, to support business needs.</i>	O	ID	2/2	Used
<b>Code List Summary (Total Codes: 545, Included: 1)</b>						
<b>Code Name</b>						
C3 Consignment						
BIG08	353	<b>Transaction Set Purpose Code</b>  <b>Description:</b> Code identifying purpose of transaction set	O	ID	2/2	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
------------	-----------	---------------------	------------	-------------	----------------	--------------

**Code List Summary** (Total Codes: 67, Included: 2)

<u>Code</u>	<u>Name</u>
-------------	-------------

00	Original
----	----------

CO	Corrected
----	-----------

### Semantics:

1. BIG01 is the invoice issue date.
2. BIG03 is the date assigned by the purchaser to purchase order.
3. BIG10 is the consolidated invoice number associated with the invoice identified in BIG02. When BIG07 contains code CI (Consolidated Invoice), BIG02 will contain the consolidated invoice number and BIG10 is not used.

### Comments:

1. BIG07 is used only to further define the type of invoice when needed.

# CUR Currency

Pos: 0400	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

**Code List Summary** (Total Codes: 1524, Included: 1)

**Code Name**

SE Selling Party

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

**User Note 1:**

*See Reference Document - ISO 4217  
Currency Codes. Eg. CAD Canada;  
USD United States of America (USA)  
Code Source 5*

## 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.



# PER Administrative Communications Contact

Pos: 0600	Max: 3
Heading - Optional	
Loop: N/A	Elements: 8

**User Option (Usage):** Used

**Purpose:** To identify a person or office to whom administrative communications should be directed

## 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>								
PER01	366	<b>Contact Function Code</b>	M	ID	2/2	Must use								
		<p><b>Description:</b> Code identifying the major duty or responsibility of the person or group named</p> <p><b>Code List Summary</b> (Total Codes: 241, Included: 2)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AR</td> <td>Accounts Receivable Department</td> </tr> <tr> <td>BD</td> <td>Buyer Name or Department</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	AR	Accounts Receivable Department	BD	Buyer Name or Department		
<u>Code</u>	<u>Name</u>													
AR	Accounts Receivable Department													
BD	Buyer Name or Department													
PER02	93	<b>Name</b>	O	AN	1/60	Used								
		<p><b>Description:</b> Free-form name</p>												
PER03	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used								
		<p><b>Description:</b> Code identifying the type of communication number</p> <p><b>Code List Summary</b> (Total Codes: 43, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	EM	Electronic Mail	FX	Facsimile	TE	Telephone
<u>Code</u>	<u>Name</u>													
EM	Electronic Mail													
FX	Facsimile													
TE	Telephone													
PER04	364	<b>Communication Number</b>	X	AN	1/256	Used								
		<p><b>Description:</b> Complete communications number including country or area code when applicable</p>												
PER05	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used								
		<p><b>Description:</b> Code identifying the type of communication number</p> <p><b>Code List Summary</b> (Total Codes: 43, Included: 3)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> <tr> <td>FX</td> <td>Facsimile</td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>					<u>Code</u>	<u>Name</u>	EM	Electronic Mail	FX	Facsimile	TE	Telephone
<u>Code</u>	<u>Name</u>													
EM	Electronic Mail													
FX	Facsimile													
TE	Telephone													
PER06	364	<b>Communication Number</b>	X	AN	1/256	Used								
		<p><b>Description:</b> Complete communications number including country or area code when applicable</p>												

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER07	365	<b>Communication Number Qualifier</b>	X	ID	2/2	Used
<p><b>Description:</b> Code identifying the type of communication number</p> <p><b>Code List Summary</b> (Total Codes: 43, Included: 3)</p> <p><b>Code Name</b></p> <p>EM Electronic Mail</p> <p>FX Facsimile</p> <p>TE Telephone</p>						
PER08	364	<b>Communication Number</b>	X	AN	1/256	Used
<p><b>Description:</b> Complete communications number including country or area code when applicable</p>						

**Syntax Rules:**

1. P0304 - If either PER03 or PER04 is present, then the other is required.
2. P0506 - If either PER05 or PER06 is present, then the other is required.
3. P0708 - If either PER07 or PER08 is present, then the other is required.

# Loop Party Identification

Pos: 0700	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>
0700	N1	Party Identification	O	1		Used
0800	N2	Additional Name Information	O	2		Used
0900	N3	Party Location	O	2		Used
1000	N4	Geographic Location	O	1		Used

# N1 Party Identification

Pos: 0700	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

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

## 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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use

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

**Code List Summary** (Total Codes: 1524, Included: 1)

**Code Name**

BT Bill-to-Party

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

N103	66	<b>Identification Code Qualifier</b>	X	ID	1/2	Used
------	----	--------------------------------------	---	----	-----	------

**Description:** Code designating the system/method of code structure used for Identification Code (67)

**Code List Summary** (Total Codes: 254, Included: 3)

**Code Name**

91 Assigned by Seller or Seller's Agent  
92 Assigned by Buyer or Buyer's Agent  
UL Global Location Number (GLN)

**Description:**

*Global Location Number (GLN)*

*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*

*See Code Source 583*

N104	67	<b>Identification Code</b>	X	AN	2/80	Used
------	----	----------------------------	---	----	------	------

**Description:** Code identifying a party or other code

## Syntax Rules:

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

## Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

# N2 Additional Name Information

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

**User Option (Usage):** Used

**Purpose:** To specify additional names

## 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: 0900	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

**User Option (Usage):** Used

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

## 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: 1000	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

**User Option (Usage):** Used

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

## 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>
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 (Standard State/Province) as defined by appropriate government agency				
		<b>User Note 1:</b> <i>See External Code Source 22</i>				
N403	116	<b>Postal Code</b>	O	ID	3/15	Used
		<b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States)				
		<b>User Note 1:</b> <i>See External Code Source 51</i>				
N404	26	<b>Country Code</b>	X	ID	2/3	Used
		<b>Description:</b> Code identifying the country				
		<b>User Note 1:</b> <i>See Reference Document - ISO Country Code 3166 Code Source 5</i>				

## 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.

# ITD Terms of Sale/Deferred Terms of Sale

Pos: 1300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify terms of sale

## 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>
ITD01	336	<b>Terms Type Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code identifying type of payment terms				
		<b>Code List Summary</b> (Total Codes: 77, Included: 1)				
		<u>Code</u>		<u>Name</u>		
		CO		Consignment		
ITD02	333	<b>Terms Basis Date Code</b>	O	ID	1/2	Used
		<b>Description:</b> Code identifying the beginning of the terms period				
		<b>Code List Summary</b> (Total Codes: 17, Included: 2)				
		<u>Code</u>		<u>Name</u>		
		3		Invoice Date		
		4		Specified Date		
ITD06	446	<b>Terms Net Due Date</b>	O	DT	8/8	Used
		<b>Description:</b> Date when total invoice amount becomes due expressed in format CCYYMMDD where CC represents the first two digits of the calendar year				
ITD07	386	<b>Terms Net Days</b>	O	N0	1/3	Used
		<b>Description:</b> Number of days until total invoice amount is due (discount not applicable)				
		<b>User Note 1:</b> <i>The end of the term period is derived by adding this value to the beginning of the term period, as qualified by ITD02.</i>				
ITD12	352	<b>Description</b>	O	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content				
ITD15	954	<b>Percentage as Decimal</b>	O	R	1/10	Used
		<b>Description:</b> Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%)				

## Syntax Rules:



1. L03040513 - If ITD03 is present, then at least one of ITD04, ITD05 or ITD13 is required.
2. L08040513 - If ITD08 is present, then at least one of ITD04, ITD05 or ITD13 is required.
3. L091011 - If ITD09 is present, then at least one of ITD10 or ITD11 is required.

**Semantics:**

1. ITD15 is the percentage applied to a base amount used to determine a late payment charge.

**Comments:**

1. If the code in ITD01 is "04", then ITD07 or ITD09 is required and either ITD10 or ITD11 is required; if the code in ITD01 is "05", then ITD06 or ITD07 is required.

# DTM Date/Time Reference

Pos: 1400	Max: 10
Heading - Optional	
Loop: N/A	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

**Code List Summary** (Total Codes: 1307, Included: 1)

<u>Code</u>	<u>Name</u>
035	Delivered

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.

# Loop Baseline Item Data (Invoice)

Pos: 0100	Repeat: 200000
Optional	
Loop: IT1	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

## 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	IT1	Baseline Item Data (Invoice)	O	1		Used
0400	TXI	Tax Information	O	>1		Used
0600		Loop PID	O		1000	Used
1200	REF	Reference Information	O	>1		Used
1500	DTM	Date/Time Reference	O	10		Used
1800		Loop SAC	O		>1	Used

# IT1 Baseline Item Data (Invoice)

Pos: 0100	Max: 1
Detail - Optional	
Loop: IT1	Elements: 12

**User Option (Usage):** Used

**Purpose:** To specify the basic and most frequently used line item data for the invoice and related transactions

## 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>
IT101	350	<b>Assigned Identification</b>	O	AN	1/20	Used

**Description:** Alphanumeric characters assigned for differentiation within a transaction set

**User Note 1:** *IT101, data element 350, Assigned Identification is the same as the purchase order line item number.*

IT102	358	<b>Quantity Invoiced</b>	X	R	1/15	Must use
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**Description:** Number of units invoiced (supplier units)

IT103	355	<b>Unit or Basis for Measurement Code</b>	X	ID	2/2	Must use
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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

**Code List Summary** (Total Codes: 903, Included: 37)

**Code Name**

AM Ampoule  
 BD Bundle  
 BG Bag  
 BO Bottle  
 BX Box  
 CA Case  
 CL Cylinder  
 CT Carton  
 DR Drum  
 DZ Dozen  
 EA Each  
 GA Gallon  
 GR Gram  
 KG Kilogram  
 KT Kit  
 LB Pound  
 LT Liter  
 MC Microgram  
 ME Milligram  
 ML Milliliter



**Code Name**

*International Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

VN Vendor's (Seller's) Item Number

**User Note 1:**

*This will be phased out in future versions and will be replaced with GTIN (Global Trade Item Number).*

IT107	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

IT108	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**Code List Summary (Total Codes: 537, Included: 6)**

**Code Name**

EN GTIN EAN/UCC - 13 Digit Data Structure

**Description:** *Data structure for the 13 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure

**Description:** *Data structure for the 8 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

**User Note 1:**

*This will be phased out in future versions and will be replaced with GTIN (Global Trade Item Number).*

UK GTIN 14-digit Data Structure

**Description:** *Data structure for the 14 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN)*

UP GTIN UCC - 12 Digit Data Structure

**Description:** *Data structure for the 12 digit EAN.UCC (EAN International Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

VN Vendor's (Seller's) Item Number

**User Note 1:**

*This will be phased out in future versions and will be replaced with GTIN (Global Trade Item Number).*

IT109	234	<b>Product/Service ID</b>	X	AN	1/80	Used
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**Description:** Identifying number for a product or service

IT110	235	<b>Product/Service ID Qualifier</b>	X	ID	2/2	Used
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**Description:** Code identifying the type/source of the descriptive number used in Product/Service ID (234)

**Code List Summary (Total Codes: 537, Included: 6)**

**Code Name**

EN GTIN EAN/UCC - 13 Digit Data Structure  
**Description:** *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure  
**Description:** *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

**User Note 1:**

*This will be phased out in future versions and will be replaced with GTIN (Global Trade Item Number).*

UK GTIN 14-digit Data Structure  
**Description:** *Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

UP GTIN UCC - 12 Digit Data Structure  
**Description:** *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN). Also known as the Universal Product Code (U.P.C.)*

VN Vendor's (Seller's) Item Number

**User Note 1:**

*This will be phased out in future versions and will be replaced with GTIN (Global Trade Item Number).*

IT111	234	<b>Product/Service ID</b>	X	AN	1/80	Used
		<b>Description:</b> Identifying number for a product or service				
IT112	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)				

**Code List Summary (Total Codes: 537, Included: 6)**

**Code Name**

EN GTIN EAN/UCC - 13 Digit Data Structure  
**Description:** *Data structure for the 13 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

EO GTIN EAN/UCC - 8 Digit Data Structure  
**Description:** *Data structure for the 8 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

IN Buyer's Item Number

**User Note 1:**

*This will be phased out in future versions and will be replaced with GTIN (Global Trade Item Number).*

UK GTIN 14-digit Data Structure  
**Description:** *Data structure for the 14 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN)*

UP GTIN UCC - 12 Digit Data Structure  
**Description:** *Data structure for the 12 digit EAN.UCC (EAN International.Uniform Code Council) Global Trade Item Number (GTIN).*

**Code Name**

*Also known as the Universal Product Code (U.P.C.)*

VN Vendor's (Seller's) Item Number

**User Note 1:**

*This will be phased out in future versions and will be replaced with GTIN (Global Trade Item Number).*

IT113	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. P020304 - If either IT102, IT103 or IT104 are present, then the others are required.
2. P0607 - If either IT106 or IT107 is present, then the other is required.
3. P0809 - If either IT108 or IT109 is present, then the other is required.
4. P1011 - If either IT110 or IT111 is present, then the other is required.
5. P1213 - If either IT112 or IT113 is present, then the other is required.
6. P1415 - If either IT114 or IT115 is present, then the other is required.
7. P1617 - If either IT116 or IT117 is present, then the other is required.
8. P1819 - If either IT118 or IT119 is present, then the other is required.
9. P2021 - If either IT120 or IT121 is present, then the other is required.
10. P2223 - If either IT122 or IT123 is present, then the other is required.
11. P2425 - If either IT124 or IT125 is present, then the other is required.

**Semantics:**

1. IT101 is the line item identification.

**Comments:**

1. Element 235/234 combinations should be interpreted to include products and/or services. See the Data Dictionary for a complete list of IDs.
2. IT106 through IT125 provide for ten different product/service IDs for each item. For example: Case, Color, Drawing No., ISBN No., Model No., or SKU.



# TXI Tax Information

Pos: 0400	Max: >1
Detail - Optional	
Loop: IT1	Elements: 6

**User Option (Usage):** Used

**Purpose:** To specify tax information

## 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>
TXI01	963	Tax Type Code	M	ID	2/2	Must use

**Description:** Code specifying the type of tax

**Code List Summary** (Total Codes: 102, Included: 7)

**Code Name**

BE Harmonized Sales Tax

**User Note 1:**

*Canadian HST*

CA City Tax

**Description:** *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

**Description:** *Canadian value-added tax*

**User Note 1:**

*Canadian GST*

LO Local Tax (Not Sales Tax)

**Description:** *Service tax imposed on a local level*

SP State/Provincial Tax

**Description:** *State tax levied which excludes sales or excise taxes*

**User Note 1:**

*Canadian PST or US State Tax*

TXI02	782	Monetary Amount	X	R	1/18	Used
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**Description:** Monetary amount

**User Note 1:** *The amount 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".*

TXI03	954	Percentage as Decimal	X	R	1/10	Used
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**Description:** Percentage expressed as a decimal (e.g., 0.0 through 1.0 represents 0% through 100%)

**User Note 1:** *The percent is sent with a decimal point only when needed, e.g., 10.5% is sent as "10.5", and 2% is sent as "2".*

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
TXI06	441	<b>Tax Exempt Code</b>	X	ID	1/1	Used
<p><b>Description:</b> Code identifying exemption status from sales and use tax</p> <p><b>Code List Summary</b> (Total Codes: 34, Included: 4)</p> <p><b>Code Name</b></p> <p>1 Yes (Tax Exempt)</p> <p>2 No (Not Tax Exempt)</p> <p>F Exempt (Goods and Services Tax)</p> <p>G Exempt (Provincial Sales Tax)</p>						
TXI07	662	<b>Relationship Code</b>	O	ID	1/1	Used
<p><b>Description:</b> Code indicating the relationship between entities</p> <p><b>Code List Summary</b> (Total Codes: 6, Included: 1)</p> <p><b>Code Name</b></p> <p>O Information Only</p>						
TXI09	325	<b>Tax Identification Number</b>	O	AN	1/20	Used
<p><b>Description:</b> Number assigned to a purchaser (buyer, orderer) by a taxing jurisdiction (state, county, etc.); often called a tax exemption number or certificate number</p>						

**Syntax Rules:**

1. R020306 - At least one of TXI02, TXI03 or TXI06 is required.
2. P0405 - If either TXI04 or TXI05 is present, then the other is required.
3. C0803 - If TXI08 is present, then TXI03 is required.

**Semantics:**

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI07 is a code indicating the relationship of the price or amount to the associated segment.

# Loop Product/Item Description

Pos: 0600	Repeat: 1000
Optional	
Loop: PID	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To describe a product or process in coded or free-form format

## 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	PID	Product/Item Description	O	1		Used

# PID Product/Item Description

Pos: 0600	Max: 1
Detail - Optional	
Loop: PID	Elements: 2

**User Option (Usage):** Used

**Purpose:** To describe a product or process in coded or free-form format

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
PID01	349	Item Description Type	M	ID	1/1	Must use

**Description:** Code indicating the format of a description

**Code List Summary** (Total Codes: 3, Included: 1)

**Code Name**

F Free-form

**User Note 1:**

*The description will be found in PID05.*

PID05	352	Description	X	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

## Syntax Rules:

1. C0403 - If PID04 is present, then PID03 is required.
2. R0405 - At least one of PID04 or PID05 is required.
3. C0703 - If PID07 is present, then PID03 is required.
4. C0804 - If PID08 is present, then PID04 is required.
5. C0905 - If PID09 is present, then PID05 is required.

## Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

## Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

# REF Reference Information

Pos: 1200	Max: >1
Detail - Optional	
Loop: IT1	Elements: 4

**User Option (Usage):** Used

**Purpose:** To specify identifying information

## 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>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use

**Description:** Code qualifying the Reference Identification

**Code List Summary** (Total Codes: 1813, Included: 5)

**Code Name**

- BG Beginning Serial Number
- DP Department Number
- LT Lot Number
- OQ Order Number

**Description:** *Qualifies a code that identifies the authorizing documentation for a household goods*

SE Serial Number

REF02	127	Reference Identification	X	AN	1/80	Used
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**Description:** Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

REF03	352	Description	X	AN	1/80	Used
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**Description:** A free-form description to clarify the related data elements and their content

REF04	C040	Reference Identifier	O	Comp		Used
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**Description:** To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

REF04-01	128	Reference Identification Qualifier	M	ID	2/3	Must use
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**Description:** Code qualifying the Reference Identification

**Code List Summary** (Total Codes: 1813, Included: 3)

**Code Name**

- EG Ending Serial Number
- LT Lot Number
- SE Serial Number

REF04-02	127	Reference Identification	M	AN	1/80	Must use
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**Description:** Reference information as

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

**Syntax Rules:**

1. R0203 - At least one of REF02 or REF03 is required.

**Semantics:**

1. REF04 contains data relating to the value cited in REF02.

# DTM Date/Time Reference

Pos: 1500	Max: 10
Detail - Optional	
Loop: IT1	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	<b>Date/Time Qualifier</b>	M	ID	3/3	Must use

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

**Code List Summary** (Total Codes: 1307, Included: 3)

**Code Name**

011 Shipped

036 Expiration

**Description:** *Date coverage expires*

094 Manufacture

DTM02	373	<b>Date</b>	X	DT	8/8	Used
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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.

# Loop Service, Promotion, Allowance, or Charge Information

Pos: 1800	Repeat: >1
Optional	
Loop: SAC	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## User Note 1:

*There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.*

## 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>
1800	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used
1900		Loop TXI	O		>1	Used



# SAC Service, Promotion, Allowance, or Charge Information

Pos: 1800	Max: 1
Detail - Optional	
Loop: SAC	Elements: 3

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## User Note 1:

*There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.*

## User Note 2:

*As a best practice, the Healthcare Work Group recommends use of the TXI segment for conveying tax information. The SAC segment should be limited to use for service, promotion, allowance and charge information.*

## 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>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use

**Description:** Code which indicates an allowance or charge for the service specified

**Code List Summary** (Total Codes: 7, Included: 3)

**Code Name**

- A Allowance
- C Charge
- N No Allowance or Charge

SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Used
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**Description:** Code identifying the service, promotion, allowance, or charge

**User Note 1:**

*Preferred Canadian tax code usage is listed below.*

- D350 Goods and Services credit allowance*
- D360 Goods and Services tax charge*
- H490 Subject to tax on re-sale*
- H770 Tax - State tax*
- H806 Tax credit*

**Code List Summary** (Total Codes: 1091, Included: 43)

**Code Name**

- A170 Adjustments

<b>Code</b>	<b>Name</b>
A172	Administrative
B860	Customs Broker Fee
B870	Customs Charge
B872	Customs Duty
C030	Delivery Surcharge
C040	Delivery
C310	Discount
C350	Distributor Discount/Allowance
C510	Dry Ice
CONC	Container Charge
D170	Free Goods
D240	Freight
D260	Fuel Charge
D270	Fuel Surcharge
D350	Goods and Services Credit Allowance

**User Note 1:**

*Use for GST and Harmonization Credit Allowance.*

D360	Goods and Services Tax Charge
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**User Note 1:**

*Used for GST and HST tax charge.*

D500	Handling
D530	Hazardous Cargo Charge
D540	Hazardous Materials Handling Fee - Domestic
D550	Hazardous Materials Handling Fee - International
D560	Hazardous Storage
D570	Heat in Transit Charges
D880	Installation & Warranty
D890	Installation and Training
D900	Installation
F155	Packaging
F170	Pallet Exchange Charge
F180	Pallet
F780	Proforma Invoice
F800	Promotional Allowance
G220	Refrigeration
G470	Restocking Charge
G740	Service Charge
G830	Shipping and Handling
G970	Small Order Charge
H430	Storage
H470	Stripping, Sorting, and Consolidation
H490	Subject To Tax On Resale

**User Note 1:**

*Used for Provincial Tobacco Tax.*

H770	Tax - State Tax
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**User Note 1:**



# Loop Tax Information

Pos: 1900	Repeat: >1
Optional	
Loop: TXI	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify tax information

## 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>
1900	TXI	Tax Information	O	1		Used

# TXI Tax Information

Pos: 1900	Max: 1
Detail - Optional	
Loop: TXI	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify tax information

## 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>
TXI01	963	Tax Type Code	M	ID	2/2	Must use

**Description:** Code specifying the type of tax

**Code List Summary** (Total Codes: 102, Included: 7)

**Code Name**

BE Harmonized Sales Tax

CA City Tax

**Description:** *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

**Description:** *Canadian value-added tax*

**User Note 1:**

*Canadian GST*

LO Local Tax (Not Sales Tax)

**Description:** *Service tax imposed on a local level*

SP State/Provincial Tax

**Description:** *State tax levied which excludes sales or excise taxes*

TXI02	782	Monetary Amount	X	R	1/18	Used
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**Description:** Monetary amount

**User Note 1:** *The amount 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. R020306 - At least one of TXI02, TXI03 or TXI06 is required.
2. P0405 - If either TXI04 or TXI05 is present, then the other is required.
3. C0803 - If TXI08 is present, then TXI03 is required.

## Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI07 is a code indicating the relationship of the price or amount to the associated segment.

# TDS Total Monetary Value Summary

Pos: 0100	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 4

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

**Purpose:** To specify the total invoice discounts and amounts

## 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>
TDS01	610	<b>Amount</b>	M	N2	1/15	Must use
		<b>Description:</b> Monetary amount				
TDS02	610	<b>Amount</b>	O	N2	1/15	Used
		<b>Description:</b> Monetary amount				
TDS03	610	<b>Amount</b>	O	N2	1/15	Used
		<b>Description:</b> Monetary amount				
TDS04	610	<b>Amount</b>	O	N2	1/15	Used
		<b>Description:</b> Monetary amount				

## Semantics:

1. TDS01 is the total amount of invoice (including charges, less allowances) before terms discount (if discount is applicable).
2. TDS02 indicates the amount upon which the terms discount amount is calculated.
3. TDS03 is the amount of invoice due if paid by terms discount due date (total invoice or installment amount less cash discount).
4. TDS04 indicates the total amount of terms discount.

## Comments:

1. TDS02 is required if the dollar value subject to discount is not equal to the dollar value of TDS01.

# TXI Tax Information

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

**User Option (Usage):** Used

**Purpose:** To specify tax information

## 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>
TXI01	963	Tax Type Code	M	ID	2/2	Must use

**Description:** Code specifying the type of tax

**Code List Summary** (Total Codes: 102, Included: 7)

**Code Name**

BE Harmonized Sales Tax

**User Note 1:**

*Canadian HST*

CA City Tax

**Description:** *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

**Description:** *Canadian value-added tax*

**User Note 1:**

*Canadian GST*

LO Local Tax (Not Sales Tax)

**Description:** *Service tax imposed on a local level*

SP State/Provincial Tax

**Description:** *State tax levied which excludes sales or excise taxes*

TXI02	782	Monetary Amount	X	R	1/18	Used
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**Description:** Monetary amount

**User Note 1:** *The amount 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. R020306 - At least one of TXI02, TXI03 or TXI06 is required.
2. P0405 - If either TXI04 or TXI05 is present, then the other is required.
3. C0803 - If TXI08 is present, then TXI03 is required.

## Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI07 is a code indicating the relationship of the price or amount to the associated segment.

# Loop Service, Promotion, Allowance, or Charge Information

Pos: 0400	Repeat: >1
Optional	
Loop: SAC	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## User Note 1:

*There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.*

## 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>
0400	SAC	Service, Promotion, Allowance, or Charge Information	O	1		Used
0500		Loop TXI	O		>1	Used



# SAC Service, Promotion, Allowance, or Charge Information

Pos: 0400	Max: 1
Summary - Optional	
Loop: SAC	Elements: 3

**User Option (Usage):** Used

**Purpose:** To request or identify a service, promotion, allowance, or charge; to specify the amount or percentage for the service, promotion, allowance, or charge

## User Note 1:

*There is one segment for each Allowance, Charge, Service, or Promotion being specified. If this segment appears in the summary area of the transaction set, the data applies to the entire transaction set. If this segment appears in the detail area of the transaction set, the data applies only to that line item. The data specified in the summary area is exclusive of the data specified in the detail area; it is not the sum of the data in the detail area, i.e., allowances or charges.*

## User Note 2:

*As a best practice, the Healthcare Work Group recommends use of the TXI segment for conveying tax information. The SAC segment should be limited to use for service, promotion, allowance and charge information.*

## 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>
SAC01	248	<b>Allowance or Charge Indicator</b>	M	ID	1/1	Must use

**Description:** Code which indicates an allowance or charge for the service specified

**Code List Summary** (Total Codes: 7, Included: 3)

<u>Code</u>	<u>Name</u>
A	Allowance
C	Charge
N	No Allowance or Charge

SAC02	1300	<b>Service, Promotion, Allowance, or Charge Code</b>	X	ID	4/4	Used
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**Description:** Code identifying the service, promotion, allowance, or charge

### User Note 1:

*Preferred Canadian tax code usage is listed below.*

*D350 Goods and Services credit allowance*

*D360 Goods and Services tax charge*

*H490 Subject to tax on re-sale*

*H770 Tax - State tax*

*H806 Tax credit*

**Code List Summary** (Total Codes: 1091, Included: 43)

<u>Code</u>	<u>Name</u>
A170	Adjustments

<b>Code</b>	<b>Name</b>
A172	Administrative
B860	Customs Broker Fee
B870	Customs Charge
B872	Customs Duty
C030	Delivery Surcharge
C040	Delivery
C310	Discount
C350	Distributor Discount/Allowance
C510	Dry Ice
CONC	Container Charge
D170	Free Goods
D240	Freight
D260	Fuel Charge
D270	Fuel Surcharge
D350	Goods and Services Credit Allowance

**User Note 1:**

*Use for GST and Harmonization Credit Allowance.*

D360	Goods and Services Tax Charge
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**User Note 1:**

*Used for GST and HST tax charge.*

D500	Handling
D530	Hazardous Cargo Charge
D540	Hazardous Materials Handling Fee - Domestic
D550	Hazardous Materials Handling Fee - International
D560	Hazardous Storage
D570	Heat in Transit Charges
D880	Installation & Warranty
D890	Installation and Training
D900	Installation
F155	Packaging
F170	Pallet Exchange Charge
F180	Pallet
F780	Proforma Invoice
F800	Promotional Allowance
G220	Refrigeration
G470	Restocking Charge
G740	Service Charge
G830	Shipping and Handling
G970	Small Order Charge
H430	Storage
H470	Stripping, Sorting, and Consolidation
H490	Subject To Tax On Resale

**User Note 1:**

*Used for Provincial Tobacco Tax.*

H770	Tax - State Tax
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**User Note 1:**



# Loop Tax Information

Pos: 0500	Repeat: >1
Optional	
Loop: TXI	Elements: N/A

**User Option (Usage):** Used

**Purpose:** To specify tax information

## 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>
0500	TXI	Tax Information	O	1		Used

# TXI Tax Information

Pos: 0500	Max: 1
Summary - Optional	
Loop: TXI	Elements: 2

**User Option (Usage):** Used

**Purpose:** To specify tax information

## 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>
TXI01	963	Tax Type Code	M	ID	2/2	Must use

**Description:** Code specifying the type of tax

**Code List Summary** (Total Codes: 102, Included: 7)

**Code Name**

BE Harmonized Sales Tax

CA City Tax

**Description:** *Service Tax imposed by City*

CP County/Parish Sales Tax

CS City Sales Tax

GS Goods and Services Tax

**Description:** *Canadian value-added tax*

**User Note 1:**

*Canadian GST*

LO Local Tax (Not Sales Tax)

**Description:** *Service tax imposed on a local level*

SP State/Provincial Tax

**Description:** *State tax levied which excludes sales or excise taxes*

TXI02	782	Monetary Amount	X	R	1/18	Used
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**Description:** Monetary amount

**User Note 1:** *The amount 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".*

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## Semantics:

1. TXI02 is the monetary amount of the tax.
2. TXI03 is the tax percent expressed as a decimal.
3. TXI07 is a code indicating the relationship of the price or amount to the associated segment.

# CTT Transaction Totals

Pos: 0700	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

**User Note 1:** *The number of IT1 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: 0800	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
		<b>Description:</b> 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
		<b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set				
		<b>User Note 1:</b> <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>				

## Comments:

- SE is the last segment of each transaction set.