

# 852 Product Activity Data

Functional Group ID=**PD**

## Introduction:

This Draft Standard for Trial Use 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 by a distributor, warehouse, or retailer 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.

## Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
M	010	ST	Transaction Set Header	M	1		
M	020	XQ	Reporting Date/Action	M	1		
M	040	N9	Reference Identification	M	>1		

## Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
			LOOP ID - LIN			999999	
M	010	LIN	Item Identification	M	1		
			LOOP ID - ZA			>1	
M	080	ZA	Product Activity Reporting	M	1		n1
	110	SDQ	Destination Quantity	O	>1		

## Summary:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
	010	CTT	Transaction Totals	O	1		n2
M	020	SE	Transaction Set Trailer	M	1		

## Transaction Set Notes

1. 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. 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.

**Segment:** **ST** Transaction Set Header  
**Position:** 010  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To indicate the start of a transaction set and to assign a control number

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>ST01</b>	<b>143</b>	<b>Transaction Set Identifier Code</b> Code uniquely identifying a Transaction Set	<b>M ID 3/3</b>
		852 Product Activity Data	
<b>ST02</b>	<b>329</b>	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>

**Segment:** **XQ** Reporting Date/Action  
**Position:** 020  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify reporting date and action to be taken

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>XQ01</b>	<b>305</b>	<b>Transaction Handling Code</b> Code designating the action to be taken by all parties H Notification Only	<b>M ID 1/2</b>
<b>XQ02</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD Start Date range	<b>M DT 8/8</b>
<b>XQ03</b>	<b>373</b>	<b>Date</b> Date expressed as CCYYMMDD End Date range.	<b>M DT 8/8</b>

**Segment:** **N9** Reference Identification  
**Position:** 040  
**Loop:**  
**Level:** Heading  
**Usage:** Mandatory  
**Max Use:** >1  
**Purpose:** To transmit identifying information as specified by the Reference Identification Qualifier

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>N901</b>	<b>128</b>	<b>Reference Identification Qualifier</b> Code qualifying the Reference Identification IA Internal Vendor Number	<b>M ID 2/3</b>
<b>N902</b>	<b>127</b>	<b>Reference Identification</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	<b>M AN 1/30</b>

**Segment:** **LIN** Item Identification  
**Position:** 010  
**Loop:** LIN Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify basic item identification data

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
LIN01	350	<b>Assigned Identification</b> Alphanumeric characters assigned for differentiation within a transaction set	<b>M AN 1/20</b>
LIN02	235	<b>Product/Service ID Qualifier</b> Code identifying the type/source of the descriptive number used in Product/Service ID (234) UP U.P.C. Consumer Package Code (1-5-5-1)	<b>M ID 2/2</b>
LIN03	234	<b>Product/Service ID</b> Identifying number for a product or service	<b>M AN 1/48</b>

**Segment:** **ZA** Product Activity Reporting  
**Position:** 080  
**Loop:** ZA Mandatory  
**Level:** Detail  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To provide activity details concerning product being reported

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>	<u>Activity Code</u>	<u>M ID 2/2</u>
ZA01	859	Code identifying activity details for the product being reported QA Current Inventory Quantity Available for Shipment or Sale Indicates the quantity currently available to be sold or shipped QP Quantity On Order, Not Yet Received Total quantity expected to be received from supplier for current reporting period, but not yet received QS Quantity Sold QT Adjustment to Inventory Quantity	
ZA02	380	<b>Quantity</b> Numeric value of quantity Cumulative across all locations.	X R 1/15

**Segment:** **SDQ** Destination Quantity  
**Position:** 110  
**Loop:** ZA Mandatory  
**Level:** Detail  
**Usage:** Optional  
**Max Use:** >1  
**Purpose:** To specify destination and quantity detail

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<u>Des.</u>	<u>Element</u>		
SDQ01	355	<b>Unit or Basis for Measurement Code</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken EA Each	<b>M ID 2/2</b>
SDQ02	66	<b>Identification Code Qualifier</b> Code designating the system/method of code structure used for Identification Code (67) 92 Assigned by Buyer or Buyer's Agent	<b>O ID 1/2</b>
SDQ03	67	<b>Identification Code</b> Code identifying a party or other code	<b>M AN 2/80</b>
SDQ04	380	<b>Quantity</b> Numeric value of quantity	<b>M R 1/15</b>
SDQ05	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
SDQ06	380	<b>Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
SDQ07	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
SDQ08	380	<b>Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
SDQ09	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
SDQ10	380	<b>Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
SDQ11	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
SDQ12	380	<b>Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
SDQ13	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
SDQ14	380	<b>Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
SDQ15	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
SDQ16	380	<b>Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
SDQ17	67	<b>Identification Code</b> Code identifying a party or other code	<b>X AN 2/80</b>
SDQ18	380	<b>Quantity</b> Numeric value of quantity	<b>X R 1/15</b>
SDQ19	67	<b>Identification Code</b>	<b>X AN 2/80</b>

		Code identifying a party or other code		
<b>SDQ20</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SDQ21</b>	<b>67</b>	<b>Identification Code</b>	<b>X</b>	<b>AN 2/80</b>
		Code identifying a party or other code		
<b>SDQ22</b>	<b>380</b>	<b>Quantity</b>	<b>X</b>	<b>R 1/15</b>
		Numeric value of quantity		
<b>SDQ23</b>	<b>310</b>	<b>Location Identifier</b>	<b>O</b>	<b>AN 1/30</b>
		Code which identifies a specific location		



**Segment:** **CTT** Transaction Totals  
**Position:** 010  
**Loop:**  
**Level:** Summary  
**Usage:** Optional  
**Max Use:** 1  
**Purpose:** To transmit a hash total for a specific element in the transaction set

**Data Element Summary**

<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
<b>CTT01</b>	<b>354</b>	<b>Number of Line Items</b>	<b>M N0 1/6</b>
		Total number of line items in the transaction set	

**Segment:** **SE** Transaction Set Trailer  
**Position:** 020  
**Loop:**  
**Level:** Summary  
**Usage:** Mandatory  
**Max Use:** 1  
**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)

**Data Element Summary**

<u>Ref. Des.</u>	<u>Data Element</u>	<u>Name</u>	<u>Attributes</u>
SE01	96	<b>Number of Included Segments</b> Total number of segments included in a transaction set including ST and SE segments	<b>M N0 1/10</b>
SE02	329	<b>Transaction Set Control Number</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	<b>M AN 4/9</b>