

852

NORDSTROM Product Activity Data

Functional Group=PD

Purpose: 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.

Not Defined:

<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>
	ISA	Interchange Control Header	M	1			Must use
	GS	Functional Group Header	M	1			Must use

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>
010	ST	Transaction Set Header	M	1			Must use
020	XQ	Reporting Date/Action	M	1			Must use
040	N9	Reference Identification	O	>1			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>
LOOP ID - LIN					999999		
010	LIN	Item Identification	O	1			Used
LOOP ID - ZA					>1	N2/080L	
080	ZA	Product Activity Reporting	M	1		N2/080	Must use
110	SDQ	Destination Quantity	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>
010	CTT	Transaction Totals	O	1		N3/010	Used
020	SE	Transaction Set Trailer	M	1			Must use
	GE	Functional Group Trailer	M	1			Must use
	IEA	Interchange Control Trailer	M	1			Must use

ISA Interchange Control Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 16

User Option (Usage): Must use

Purpose: To start and identify an interchange of zero or more functional groups and interchange-related control 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>				
ISA01	I01	Authorization Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code to identify the type of information in the Authorization Information</p> <p>CodeList Summary (Total Codes: 7, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Authorization Information Present (No Meaningful Information in I02)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00	No Authorization Information Present (No Meaningful Information in I02)
<u>Code</u>	<u>Name</u>									
00	No Authorization Information Present (No Meaningful Information in I02)									
ISA02	I02	Authorization Information	M	AN	10/10	Must use				
<p>Description: Information used for additional identification or authorization of the interchange sender or the data in the interchange; the type of information is set by the Authorization Information Qualifier (I01)</p> <p>Note: Spaces</p>										
ISA03	I03	Security Information Qualifier	M	ID	2/2	Must use				
<p>Description: Code to identify the type of information in the Security Information</p> <p>CodeList Summary (Total Codes: 2, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>No Security Information Present (No Meaningful Information in I04)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	00	No Security Information Present (No Meaningful Information in I04)
<u>Code</u>	<u>Name</u>									
00	No Security Information Present (No Meaningful Information in I04)									
ISA04	I04	Security Information	M	AN	10/10	Must use				
<p>Description: This is used for identifying the security information about the interchange sender or the data in the interchange; the type of information is set by the Security Information Qualifier (I03)</p> <p>Note: Spaces</p>										
ISA05	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Description: Qualifier to designate the system/method of code structure used to designate the sender or receiver ID element being qualified</p> <p>Note: Nordstrom's qualifier is '12'</p> <p>CodeList Summary (Total Codes: 38, Included: 1)</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>12</td> <td>Phone (Telephone Companies)</td> </tr> </tbody> </table>							<u>Code</u>	<u>Name</u>	12	Phone (Telephone Companies)
<u>Code</u>	<u>Name</u>									
12	Phone (Telephone Companies)									
ISA06	I06	Interchange Sender ID	M	AN	15/15	Must use				
<p>Description: Identification code published by the sender for other parties to use as the receiver ID to route data to them; the sender always codes this value in the sender ID element.</p> <p>Note: Nordstrom's sender ID is '2062336352'</p>										
ISA07	I05	Interchange ID Qualifier	M	ID	2/2	Must use				
<p>Note: Qualifier selected by receiver</p> <p>CodeList Summary (Total Codes: 38, Included: 3)</p>										

		<u>Code</u>	<u>Name</u>				
		01	Duns (Dun & Bradstreet)				
		08	UCC EDI Communications ID (Comm ID)				
		12	Phone (Telephone Companies)				
ISA08	I07	Interchange Receiver ID		M	AN	15/15	Must use
		Description: Identification code published by the receiver of the data; When sending, it is used by the sender as their sending ID, thus other parties sending to them will use this as a receiving ID to route data to them					
		Note: Receiver ID selected by receiver					
ISA09	I08	Interchange Date		M	DT	6/6	Must use
		Description: Date of the interchange					
		Note: Date the ISA was generated - YYMMDD					
ISA10	I09	Interchange Time		M	TM	4/4	Must use
		Description: Time of the interchange					
		Note: Time the ISA was generated -- HHMM					
ISA11	I10	Interchange Control Standards Identifier		M	ID	1/1	Must use
		Description: Code to identify the agency responsible for the control standard used by the message that is enclosed by the interchange header and trailer					
		All valid standard codes are used. (Total Codes: 1)					
ISA12	I11	Interchange Control Version Number		M	ID	5/5	Must use
		Description: This version number covers the interchange control segments					
		CodeList Summary (Total Codes: 14, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		00401	Draft Standards for Trial Use Approved for Publication by ASC X12 Procedures Review Board through October 1997				
ISA13	I12	Interchange Control Number		M	N0	9/9	Must use
		Description: A control number assigned by the interchange sender					
		Note: Sender assigned sequential number starting with 1 incremented by 1 for each transmission.					
ISA14	I13	Acknowledgment Requested		M	ID	1/1	Must use
		Description: Code sent by the sender to request an interchange acknowledgment (TA1)					
		CodeList Summary (Total Codes: 2, Included: 1)					
		<u>Code</u>	<u>Name</u>				
		0	No Acknowledgment Requested				
ISA15	I14	Usage Indicator		M	ID	1/1	Must use
		Description: Code to indicate whether data enclosed by this interchange envelope is test, production or information					
		CodeList Summary (Total Codes: 3, Included: 2)					
		<u>Code</u>	<u>Name</u>				
		P	Production Data				
		T	Test Data				
ISA16	I15	Component Element Separator		M		1/1	Must use

Description: Type is not applicable; the component element separator is a delimiter and not a data element; this field provides the delimiter used to separate component data elements within a composite data structure; this value must be different than the data element separator and the segment terminator

Note: '>'

Note:

All divisions will be sent using the same EDI ID of 12 / 2062336352

--The data is sent out Sunday for the previous week (Sunday through Saturday).

--Nordstrom will NOT be transmitting dollar amounts

--The data is sorted by department, UPC and quantity sold per store.

-SALES and INVENTORY will be sent in different files.*

--SALES will include all UPC's scanned during the previous week from all of our stores. This will be the NET units sold. For example, if we sell 10 items and 1 item is returned, we will send you "9" as the quantity sold. You could also receive a negative number if there were only returns.

*-*INVENTORY - At this time WEEKLY stock-on-hand (SOH) inventory can ONLY be sent for divisions using our new ordering system. At this time (Spring 2017) that is our Rack (off price) and Canada divisions only.*

Nordstrom will continue sending the twice yearly inventory files after each physical inventory period (January and August).

GS Functional Group Header

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 8

User Option (Usage): Must use

Purpose: To indicate the beginning of a functional group and to provide control 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>				
GS01	479	Functional Identifier Code Description: Code identifying a group of application related transaction sets CodeList Summary (Total Codes: 234, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PD</td> <td>Product Activity Data (852)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PD	Product Activity Data (852)	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>									
PD	Product Activity Data (852)									
GS02	142	Application Sender's Code Description: Code identifying party sending transmission; codes agreed to by trading partners Note: Nordstrom's sender ID is '2062336352'	M	AN	2/15	Must use				
GS03	124	Application Receiver's Code Description: Code identifying party receiving transmission. Codes agreed to by trading partners Note: Receiver ID selected by receiver	M	AN	2/15	Must use				
GS04	373	Date Description: Date expressed as CCYYMMDD Note: Date GS was generated -- CCYYMMDD	M	DT	8/8	Must use				
GS05	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99) Note: Time GS was generated -- HHMM	M	TM	4/8	Must use				
GS06	28	Group Control Number Description: Assigned number originated and maintained by the sender Note: Sender assigned sequential number starting with 1 incremented by 1 for each transmission.	M	N0	1/9	Must use				
GS07	455	Responsible Agency Code Description: Code used in conjunction with Data Element 480 to identify the issuer of the standard CodeList Summary (Total Codes: 2, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>X</td> <td>Accredited Standards Committee X12</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	X	Accredited Standards Committee X12	M	ID	1/2	Must use
<u>Code</u>	<u>Name</u>									
X	Accredited Standards Committee X12									
GS08	480	Version / Release / Industry Identifier Code Description: Nordstrom will be sending version 004010 CodeList Summary (Total Codes: 36, Included: 1) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> </table>	<u>Code</u>	<u>Name</u>	M	AN	1/12	Must use		
<u>Code</u>	<u>Name</u>									

004010VICS Draft Standards Approved for Publication by ASC X12 Procedures Review Board through
October 1997

ST Transaction Set Header

Pos: 010	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						
CodeList Summary (Total Codes: 298, Included: 1)						
		<u>Code</u>		<u>Name</u>		
		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						

XQ

Reporting Date/Action

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

User Option (Usage): Must use

Purpose: To specify reporting date and action to be taken

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 designating the action to be taken by all parties

CodeList Summary (Total Codes: 23, Included: 2)

<u>Code</u>	<u>Name</u>
G	Plan Order(s) and Ship Product Note: <i>G = Sales Reporting</i>
H	Notification Only Note: <i>H = Stock on Hand Notification</i>

XQ02	373	Date	M	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

Note: *Begin Date*

XQ03	373	Date	O	DT	8/8	Must use
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Description: Date expressed as CCYYMMDD

Note: *End Date*

N9 Reference Identification

Pos: 040	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 qualifying the Reference Identification						
CodeList Summary (Total Codes: 1503, Included: 2)						
		<u>Code</u>	<u>Name</u>			
		DP	Department Number			
		IA	Internal Vendor Number			
N902	127	Reference Identification	C	AN	4/4	Used
Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier						
Note:						
<i>DP = Nordstrom Department Numbers are 4-digit numeric with leading 0's. For example, Department 28 would be sent as 0028.</i>						
<i>IA = Nordstrom Supplier Numbers are 10-digit numeric with leading 0's. For example Supplier Number 5555555 would be sent as 0005555555.</i>						

Syntax Rules:

1. R0203 - At least one of N902 or N903 is required.

LIN Item Identification

Pos: 010	Max: 1
Detail - Optional	
Loop: LIN	Elements: 3

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	Assigned Identification <i>Description:</i> Not Used <i>Note:</i> Not Used	O	AN	1/20	Not used								
LIN02	235	Product/Service ID Qualifier <i>Description:</i> Code identifying the type/source of the descriptive number used in Product/Service ID (234) CodeList Summary (Total Codes: 477, Included: 3) <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>EN</td> <td>European Article Number (EAN) (2-5-5-1)</td> </tr> <tr> <td>IB</td> <td>International Standard Book Number (ISBN)</td> </tr> <tr> <td>UP</td> <td>U.P.C. Consumer Package Code (1-5-5-1)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	EN	European Article Number (EAN) (2-5-5-1)	IB	International Standard Book Number (ISBN)	UP	U.P.C. Consumer Package Code (1-5-5-1)	M	ID	2/2	Must use
<u>Code</u>	<u>Name</u>													
EN	European Article Number (EAN) (2-5-5-1)													
IB	International Standard Book Number (ISBN)													
UP	U.P.C. Consumer Package Code (1-5-5-1)													
LIN03	234	Product/Service ID <i>Description:</i> Identifying number for a product or service <i>Note:</i> UPC Code, EAN Code or ISB Code	M	AN	1/48	Must use								

ZA

Product Activity Reporting

Pos: 080	Max: 1
Detail - Mandatory	
Loop: ZA	Elements: 1

User Option (Usage): Must use

Purpose: To provide activity details concerning product being reported

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

Note: SALES = This will be the net quantity sent. Please be aware you could receive negative numbers if only returns were made.

CodeList Summary (Total Codes: 39, Included: 2)

<u>Code</u>	<u>Name</u>
QA	Current Inventory Quantity Available for Shipment or Sale
QS	Quantity Sold

SDQ Destination Quantity

Pos: 110	Max: >1
Detail - Optional	
Loop: ZA	Elements: 22

User Option (Usage): Used
Purpose: To specify destination and quantity detail

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 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: 794, Included: 1) Code Name EA Each	M	ID	2/2	Must use
SDQ02	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) CodeList Summary (Total Codes: 215, Included: 1) Code Name 92 Assigned by Buyer or Buyer's Agent	O	ID	1/2	Used
SDQ03	67	Identification Code Description: Code identifying a party or other code Note: Nordstrom store numbers are 4 numeric with leading 0's. For example, Store 1 would be sent as 0001.	M	AN	4/4	Must use
SDQ04	380	Quantity Description: Numeric value of quantity Note: SALES = This will be the NET quantity sold. Please be aware you could receive negative numbers if only returns were made. iNVENTORY = Stock on hand units	M	R	1/15	Must use
SDQ05	67	Identification Code Description: Code identifying a party or other code	C	AN	2/4	Used
SDQ06	380	Quantity Description: Numeric value of quantity	C	R	1/15	Used
SDQ07	67	Identification Code Description: Code identifying a party or other code	C	AN	4/4	Used
SDQ08	380	Quantity Description: Numeric value of quantity	C	R	1/15	Used
SDQ09	67	Identification Code Description: Code identifying a party or other code	C	AN	4/4	Used
SDQ10	380	Quantity Description: Numeric value of quantity	C	R	1/15	Used
SDQ11	67	Identification Code	C	AN	4/4	Used

		Description: Code identifying a party or other code				
SDQ12	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ13	67	Identification Code	C	AN	4/4	Used
		Description: Code identifying a party or other code				
SDQ14	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ15	67	Identification Code	C	AN	4/4	Used
		Description: Code identifying a party or other code				
SDQ16	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ17	67	Identification Code	C	AN	4/4	Used
		Description: Code identifying a party or other code				
SDQ18	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ19	67	Identification Code	C	AN	4/4	Used
		Description: Code identifying a party or other code				
SDQ20	380	Quantity	C	R	1/15	Used
		Description: Numeric value of quantity				
SDQ21	67	Identification Code	C	AN	4/4	Used
		Description: Code identifying a party or other code				
SDQ22	380	Quantity	C	R	1/15	Used
		Description: 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.

Note:

A SDQ segment can hold up to 10 locations. When an item has been sold in more than 10 stores, additional SDQ Segments will be sent

CTT Transaction Totals

Pos: 010	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	NO	1/6	Must use

Description: Total number of line items in the transaction set

Note: *Number of Line Items*

SE Transaction Set Trailer

Pos: 020	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	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Note: <i>This must be the same number as is in the ST segment (ST02) for the transaction set.</i>	M	AN	4/9	Must use

GE Functional Group Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of a functional group and to provide control 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>
GE01	97	Number of Transaction Sets Included Description: Total number of transaction sets included in the functional group or interchange (transmission) group terminated by the trailer containing this data element	M	N0	1/6	Must use
GE02	28	Group Control Number Description: Assigned number originated and maintained by the sender	M	N0	1/9	Must use

IEA

Interchange Control Trailer

Pos:	Max: 1
Not Defined - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To define the end of an interchange of zero or more functional groups and interchange-related control 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>
IEA01	I16	Number of Included Functional Groups Description: A count of the number of functional groups included in an interchange	M	NO	1/5	Must use
IEA02	I12	Interchange Control Number Description: A control number assigned by the interchange sender	M	NO	9/9	Must use