Sears EDI Guidelines

852 Product Activity Data   v4010

REVISION (November 2007):
All references to SAMS Product Activity Data have been removed from this document. This may have caused some notes and other information to be re-aligned.

INTRODUCTION
The 852 Product Activity Data transaction set will be used by Sears to report activity for products replenished by Sears' RIM (Retail Inventory Management) system. The data sent in the 852 may be input to a vendor's forecasting and sales analysis systems or, in certain instances, will support vendor-managed replenishment programs.

Product Activity
Product activity will be reported for all item/SKU's assigned to a department and vendor record using Sears'' item and SKU numbers. If the Sears' item represents a single SKU (it has no SKU's), then only the Sears' item number will be present. The U.P.C. or EAN number will be sent, in addition to Sears'' item and SKU numbers, when the U.P.C. or EAN has been entered into Sears'' item database. If the U.P.C. or EAN is not reported for an item, contact the Sears' buyer to correct this.

The sales quantity represents the total net sales for the item during the report period. This includes regular sales and promotional sales with returns deducted. Clearance or markdown sales are included for RIM. The on order quantity represents the total quantity not yet received at the end of the report period. For retail stores, the on hand count represents the ending inventory position at the close of the report period. For distribution centers, the on hand count includes all receipts entered through Saturday and all shipments (disbursements) scheduled for Sunday.

The numbers which Sears sends may be adjusted for returns, inventory reconciliation, etc., but the quantities always reflect sales/inventory for the specified report period. There are no restatements to correct history. Zero quantities will not be transmitted. That is, when no activity has occurred during the specified period, no activity will be reported. For example, if the on hand count for an item is 12, sales are zero and the on order quantity is zero, only the on hand count will be sent.

Negative sales and on hand quantities may be reported. Negative sales will be reported when returns exceed sales. Negative on hand counts for stores will be reported when the sales recorded for a SKU exceed the on hand quantity, e.g., when a receipt is not recorded for a SKU, but sales are rung, or when a sale is recorded for the wrong SKU. Negative on hand counts for distribution centers will be reported when the on order from the stores exceeds the on hand at the distribution center. Negative quantities will be signed with a leading minus (-).

Data is available on Monday. You should process your transactions promptly because they are available only during the current week. As of the next Monday, the previous week's data is no longer available. Should you encounter a problem with a transmission, you may request a re-queue any time during the week that the data is current by contacting your network and requesting that your network contact EDI Contract Support.
NOTE: Sears is not able to provide any restatement of a previous year's sales and inventory data. It is your responsibility to maintain history of sales activity. The date that production sales activity begins is when history begins.

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RIM

RIM reports activity for an item until the item is discontinued (all costs for the item have expired). This includes sales, inventory (on hand) and on order activity. Some RIM merchandise lines use "SKU 081" to track merchandise returned for resale separately from the original non-SKU'd item. Typically this is "out-of-carton" merchandise which has been returned by the customer, which may be resold. These returns are recorded internally at Sears under "SKU 081" for the original item number. They are reported separately in the 852 transaction as SKU code "RR".

Report Options

Sales activity is available at the Retail Store level or National level. On hand and on order activity are available at Retail Store, Distribution Center, or National level. For retail stores, you may request sales only or both sales and insight (on hand and on order). RIM distribution center activity includes only on hand and on order; no sales are reported. Four report options are available: 1) Retail Stores, National; 2) Retail Stores by Location; 3) Distribution Centers, National and 4) Distribution Centers by Location. Each report for each department will be formatted into a separate 852 transaction set. The N1 segment will specify the report location code to identify where the activity occurred.

Report Frequency

The weekly report period is Sunday through Saturday. The data is available Monday. For retail store activity, the monthly report period is based on a 4-4-5 scheme for financial purposes; that is, the first two reporting periods of each quarter will encompass four complete weeks ending on Saturday and the third reporting period of the quarter will be five complete weeks ending on Saturday. Data is processed the first Monday morning after the end of the fiscal month and the data is available later that morning. For distribution center data, however, the monthly report period is not adjusted to the fiscal month, but reports the on hand and on order position as of the Saturday night following the month end. The report period is specified in the XQ segment.

Product Activity Data
ISA/GS Qualifier, Sender ID
    PRODUCTION   08, 6111250011

SAMS

SAMS 852 is no longer available/

Sears has discontinued sending test data for the 852 Product Activity Data transactions. Submitting the Production form on page 852.3 results in receiving Production data.
The Production form must be received by Sears at least one week (5 business days) before you will be set-up to receive Production data.

PRODUCTION 852 FORM	**Date**:
	TO: Sears' 852 Set-Up Coordinator Department 703VS
	FAX: 847-286-4296

Live Date: _____ **(This must be a Monday)**

RIM reporting options

You can select both weekly and monthly reports that contain sales, on-hand inventory and on-order. You may NOT receive both a national report and a report by location.

Ordering System – only choose system purchase orders are received from

RIM (PO received from 6111250011) [   ]

Location – may choose National or Store reports, NOT BOTH

National [   ]   Store [   ]

Frequency – may choose both Weekly and Monthly reports

Weekly [   ]   Monthly [   ]

Additional RIM only reporting options

Distribution Center reports contain on-hand and on-order only; they do not report disbursements.

Distribution Center – may choose National or DC reports, NOT BOTH

National [   ]   Store [   ]

Frequency – may choose both Weekly and Monthly reports

Weekly [   ]   Monthly [   ]

Send to my Communications ID _____

Qualifier _____

My Network (VAN) is _____

List third party provider(if applicable _____

I authorize Sears to send the production 852 transaction set according to the date above.

Company Name: _____

Contact Name: _____

Phone Number: _____

FAX Number: _____

Email address: _____

Other divisions, subsidiaries doing business with Sears:

_____

Vendor Number(s): _____

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Functional Group ID=PD

Transaction Set Table

Header

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
ST	Transaction Set Header	M		
XQ	Reporting Date/Action	M		
N9	Reference Identification	O	>	
	LOOP ID - N1			20
N1	Name	O		

Detail

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
	LOOP ID - LIN			99999
LIN	Item Identification	O		
	LOOP ID - ZA			>
ZA	Product Activity Reporting	M		
SDQ	Destination Quantity	O	>	

Summary

Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat
CTT	Transaction Totals	O		
SE	Transaction Set Trailer	M		

Segment: **ST** **Transaction Set Header**
Loop:
Level: Header
Usage: Mandatory
Max Use: 1

Data Element Summary

Ref. Des.	Data Element	Name	Sears' Attributes
ST01	143	**Transaction Set Identifier Code**	M ID 3/3
		852 Product Activity Data	
ST02	329	**Transaction Set Control Number**	M AN 4/9

Segment: **XQ** Reporting Date/Action
Loop:
Level: Header
Usage: Mandatory
Max Use: 1

Notes 1. The report frequency (weekly and monthly for RIM) is determined during the initial setup of the trading partner relationship. The report start and end dates specify the exact period for which product activity is reported in this transaction set.

Data Element Summary

Ref. Des.	Data Element	Name	Sears' Attributes	
XQ01	305	**Transaction Handling Code**	M	ID 1/1
		H Notification Only		
XQ02	373	**Date**	M	DT 8/8
		Report start date		
XQ03	373	**Date**	M	DT 8/8
		Report end date		

Segment:	**N9** Reference Identification	
Loop:		
Level:	Header	
Usage:	Required for Sears	
Max Use:	1	

Notes   1. This segment will identify the department number for all item/SKU's contained in the report. A separate transaction will be sent to report product activity for each department.

Data Element Summary

	Ref. Des.	Data Element	Name		Sears' Attributes
	N901	128	**Reference Identification Qualifier**	**M**	**ID 2/3**
			DP Department Number		
	N902	127	**Reference Identification**	**M**	**AN 3/3**
Not Used	N903	369	**Free-form Description**		
Not Used	N904	373	**Date**		
Not Used	N905	337	**Time**		
Not Used	N906	623	**Time Code**		
Not Used	N907	C040	**Reference Identifier**		

Segment:	**N1** Name	
Loop:	N1	
Level:	Header	
Usage:	Required for Sears	
Max Use:	1 per N1 loop; N1 loop may repeat two times	

Notes
1. For RIM, the N1*RL segment will be present only when National level data is reported. N104 will contain code R001 or R004.
2. N104 will contain the report location code identifying where the activity occurred, such as store, distribution center, etc.
3. The report codes for RIM are:
   R001   Retail Stores, National Level
   R002   Retail Stores by Location
   R003   Distribution Centers, National Level
   R004   Distribution Centers by Location

Data Element Summary

	Ref. Des.	Data Element	Name		Sears' Attributes
	N101	**98**	**Entity Identifier Code**	**M**	**ID 2/2**
			RIM codes:		
			FR Message From		
			RL Reporting Location		
Not Used	**N102**	**93**	**Name**		
	N103	**66**	**Identification Code Qualifier**	**M**	**ID 2/2**
			92 Assigned by Buyer or Buyer's Agent		
	N104	**67**	**Identification Code**	**M**	**AN 4/4**
			4 - 4 Report Code		
Not Used	**N105**	**706**	**Entity Relationship Code**		
Not Used	**N106**	**98**	**Entity Identifier Code**		

Segment:	**LIN** Item Identification	
Loop:	LIN	
Level:	Detail	
Usage:	Required for Sears	
Max Use:	1 per LIN loop; LIN loop may repeat per standards	

Notes

1. The U.P.C. or EAN (European Article Number) number is the full twelve digit U.P.C. or thirteen digit EAN without spaces or dashes.

2. The SKU code "RR" identifies merchandise returned for resale. Typically this is "out-of-carton" home appliances, electronics, Home Improvement or Automotive merchandise which has been returned by the customer and which may be resold. It may be damaged or defective. Activity is reported separately for this merchandise in a separate LIN loop.

Data Element Summary

	Ref. Des.	Data Element	Name		Sears' Attributes
Not Used	**LIN01**	350	**Assigned Identification**		
	LIN02	235	**Product/Service ID Qualifier**	**M**	**ID 2/2**
			EN European Article Number (EAN) (2-5-5-1)		
			IN Buyer's Item Number		
			IZ Buyer's Size Code		
			UP U.P.C. Consumer Package Code (1-5-5-1)		
	LIN03	234	**Product/Service ID**	**M**	**AN 3/13**
			13 - 13 European Article Number		
			4 - 5 Sears-assigned item number		
			3 - 3 Sears' SKU number		
			12 - 12 U.P.C. number		
	LIN04	235	**Product/Service ID Qualifier** See LIN02	**O**	**ID 2/2**
	LIN05	234	**Product/Service ID** See LIN03	**C**	**AN 3/13**
	LIN06	235	**Product/Service ID Qualifier** See LIN02	**O**	**ID 2/2**
	LIN07	234	**Product/Service ID** See LIN03	**C**	**AN 3/13**
Not Used	**LIN08**	235	**Product/Service ID Qualifier**		
Not Used	**LIN09**	234	**Product/Service ID**		
Not Used	**LIN10**	235	**Product/Service ID Qualifier**		
Not Used	**LIN11**	234	**Product/Service ID**		
Not Used	**LIN12**	235	**Product/Service ID Qualifier**		
Not Used	**LIN13**	234	**Product/Service ID**		

	Ref. Des.	Data Element	Name	Sears' Attributes
Not Used	LIN14	235	Product/Service ID Qualifier	
Not Used	LIN15	234	Product/Service ID	
Not Used	LIN16	235	Product/Service ID Qualifier	
Not Used	LIN17	234	Product/Service ID	
Not Used	LIN18	235	Product/Service ID Qualifier	
Not Used	LIN19	234	Product/Service ID	
Not Used	LIN20	235	Product/Service ID Qualifier	
Not Used	LIN21	234	Product/Service ID	
Not Used	LIN22	235	Product/Service ID Qualifier	
Not Used	LIN23	234	Product/Service ID	
Not Used	LIN24	235	Product/Service ID Qualifier	
Not Used	LIN25	234	Product/Service ID	
Not Used	LIN26	235	Product/Service ID Qualifier	
Not Used	LIN27	234	Product/Service ID	
Not Used	LIN28	235	Product/Service ID Qualifier	
Not Used	LIN29	234	Product/Service ID	
Not Used	LIN30	235	Product/Service ID Qualifier	
Not Used	LIN31	234	Product/Service ID	

Segment: **ZA** Product Activity Reporting
Loop: ZA
Level: Detail
Usage: Mandatory
Max Use: 1 per ZA loop; ZA loop mat repeat per standards

Notes
1. Multiple ZA segments or loops may be present to indicate different types of product activity.

2. ZA02 and ZA03 are required unless the SDQ segment is used, in which case ZA02 and ZA03 will not be present. National level product activity will be reported in ZA02. Store and distribution center data by location will be reported in SDQ segments which follow.

3. On hand quantities and quantity sold may be negative numbers in which case they will be signed (-). Negative sales will be reported when returns exceed sales. Negative on hand counts for stores will be reported when the sales recorded for a SKU exceed the on hand quantity, e.g., when a receipt is not recorded for a SKU, but sales are rung, or when a sale is recorded for the wrong SKU. Negative on hand counts for distribution centers will be reported when the on order from the stores exceeds the on hand at the distribution center.

4. Zero quantities will not be present in the transaction. That is, if no activity has been recorded during the report period, e.g., zero quantity sold, activity will not be reported for the item, or for a location if store level reporting has been selected.

Data Element Summary

Ref. Des.	Data Element	Name		Sears' Attributes
ZA01	859	Activity Code		M ID 2/2
		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	
ZA02	380	Quantity		C R 1/8
ZA03	355	Unit or Basis for Measurement Code		C ID 2/2
		EA	Each	
Not Used	ZA04	374	Date/Time Qualifier	
Not Used	ZA05	373	Date	

	Ref. Des.	Data Element	Name	Sears' Attributes
Not Used	ZA06	128	Reference Identification Qualifier	
Not Used	ZA07	127	Reference Identification	
Not Used	ZA08	1073	Yes/No Condition or Response Code	

Segment: **SDQ** Destination Quantity
Loop: ZA
Level: Detail
Usage: Conditional for Sears – Store level reports only
Max Use: 1

Notes
1. This segment reports quantities for up to 10 locations. Multiple SDQ segments will be present when reporting activity for more than 10 locations. (SDQ03/SDQ04 ... SDQ21/SDQ22 are paired.)
2. The SDQ segment will be present only when store level data has been requested. National level activity will be reported in the ZA segment and the SDQ segment will not be used.
3. On hand quantities and quantity sold may be negative numbers. These will be signed (-). Negative sales will be reported when returns exceed sales. Negative on hand counts will be reported when the sales recorded for a SKU exceed the on hand quantity, e.g., when a receipt is not recorded for an SKU, but sales are rung, or when a sale is recorded for the wrong SKU.
4. When zero quantity has been sold or there is zero quantity on hand or on order, activity will not be reported for the item, or for a location if store level reporting has been selected.

Data Element Summary

Ref. Des.	Data Element	Name	Sears' Attributes
SDQ01	355	**Unit or Basis for Measurement Code**	M ID 2/2
		EA Each	
SDQ02	66	**Identification Code Qualifier**	M ID 1/2
		92 Assigned by Buyer or Buyer's Agent	
SDQ03	67	**Identification Code**	M AN 4/7
		4 - 7 Sears' store number	
SDQ04	380	**Quantity**	M R 1/7
		1 - 7 Store quantity	
SDQ05	67	**Identification Code**	C AN 4/7
		See SDQ03	
SDQ06	380	**Quantity**	C R 1/7
		See SDQ04	
SDQ07	67	**Identification Code**	C AN 4/7
		See SDQ03	
SDQ08	380	**Quantity**	C R 1/7
		See SDQ04	

Ref. Des.	Data Element	Name		Sears' Attributes
SDQ09	67	**Identification Code** See SDQ03	C	AN 4/7
SDQ10	380	**Quantity** See SDQ04	C	R 1/7
SDQ11	67	**Identification Code** See SDQ03	C	AN 4/7
SDQ12	380	**Quantity** See SDQ04	C	R 1/7
SDQ13	67	**Identification Code** See SDQ03	C	AN 4/7
SDQ14	380	**Quantity** See SDQ04	C	R 1/7
SDQ15	67	**Identification Code** See SDQ03	C	AN 4/7
SDQ16	380	**Quantity** See SDQ04	C	R 1/7
SDQ17	67	**Identification Code** See SDQ03	C	AN 4/7
SDQ18	380	**Quantity** See SDQ04	C	R 1/7
SDQ19	67	**Identification Code** See SDQ03	C	AN 4/7
SDQ20	380	**Quantity** See SDQ04	C	R 1/7
SDQ21	67	**Identification Code** See SDQ03	C	AN 4/7
SDQ22	380	**Quantity** See SDQ04	C	R 1/7
Not Used SDQ23	310	**Location Identifier**		

Segment: **CTT** **Transaction Totals**
Loop:
Level: Summary
Usage: Used by Sears
Max Use: 1

Data Element Summary

	Ref. Des.	Data Element	Name	Sears' Attributes
	CTT01	354	**Number of Line Items**	M N0 1/6
			Count of LIN segments	
Not Used	CTT02	347	**Hash Total**	
Not Used	CTT03	81	**Weight**	
Not Used	CTT04	355	**Unit or Basis for Measurement Code**	
Not Used	CTT05	183	**Volume**	
Not Used	CTT06	355	**Unit or Basis for Measurement Code**	
Not Used	CTT07	352	**Description**	

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

Notes
1. SE01 is a count of the total number of segments present in the transaction, including the control segments.
2. SE02 will always match the number in ST02.

Data Element Summary

Ref. Des.	Data Element	Name	Sears' Attributes	
SE01	96	Number of Included Segments	M	N0 1/10
SE02	329	Transaction Set Control Number	M	AN 4/9

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Segment Usage Examples

Sales and Inventory Report - Location Level

ST*852*Control number
XQ*H*Start date*End date   [Report period start and end date]
N9*DP*Buying department number   [Department number]
N1*FR**92*Report code   [Report location code]

LIN**IN*Item number*IZ*SKU number*UP*U.P.C. number
                                                  [Begin item loop, Sears'' item/SKU, U.P.C. numbers.
                                                   Loop repeats once for each item/SKU reported]

ZA*QA   [On hand at store, distribution center or warehouse]

SDQ*Unit of measure*92*Store*Qty*Store*Qty*Store*Qty*Store*Qty*Store*Qty*Store*Qty
    *Store*Qty*Store*Qty*Store*Qty*Store*Qty
                                                  [Unit of Measure; location and quantity are paired]

ZA*QP   [On order, not yet received]
SDQ*Unit of measure*92*Store*Qty*Store*Qty*Store*Qty*Store*Qty*Store*Qty*Store*Qty
    *Store*Qty*Store*Qty*Store*Qty*Store*Qty
                                                  [Unit of Measure; location and quantity are paired]

ZA*QS   [Quantity sold]
SDQ*Unit of measure*92*Store*Qty*Store*Qty*Store*Qty*Store*Qty*Store*Qty*Store*Qty
    *Store*Qty*Store*Qty*Store*Qty*Store*Qty
                                                  [Unit of measure; location and quantity are paired]

CTT*Count of LIN segments
SE*Count of segments*Control number

Note: The SDQ within the LIN/ZA loop repeats as necessary until activity for all locations has been reported.

Segment Usage Examples

RIM Sales and Inventory Report - National Level

ST*852*Control number
XQ*H*Start date*End date   [Report period]
N9*DP*Buying department number   [Buying department number]
N1*RL**92*Report code   [Report location code]

LIN**IN*Item number*IZ*SKU number*UP*U.P.C. number

> [Begin item loop, Sears'' item/SKU number, U.P.C. number. Loop repeats once for each item/SKU reported]

ZA*QA*National quantity*Unit of measure   [On hand at store, distribution center or warehouse]

ZA*QP*National quantity*Unit of measure   [On order, not yet received]

ZA*QS*National quantity*Unit of measure   [Quantity sold]

CTT*Count of LIN segments
SE*Count of segments*Control number