

Data Glossary



This document should be used as a guide to understand the data exchange capabilities that will be available within the WBSCM system when delivered. The exchange of data will occur within a series of XML files that can be uploaded to populate the WBSCM system or downloaded data. For both the upload and download of data, WBSCM will require a user to log into the system, navigate to the correct page and initiate the process. WBSCM will not support any automated file transfer, web service or other automated file transfer process. Each process will have three separate files which can be used to gather more information. Those file types are outlined below:

Type	Attended Audience	Files intended use	Tips to open
Excel	Business / Technical	The excel file is intended for use by both technical and business users. The file will outline the data within the upload or download process. This will also identify the tags to be used and their required, optional characteristic.	MS Excel
DTD	Technical	This Document Type Definition file will outline the xml tag information that is needed for both uploading and downloading the data. The DTD file will identify tags as being at a group level or stand alone.	WordPad or Notepad if software not available
XML	Technical	The sample xml will show the files structure with come sample data. This file can be used as a reference while building the process required for each organizations.	WordPad or Notepad if software not available

The Excel files contain columns with critical information for the data exchange between WBSCM and other systems. The critical columns are identified below with a description and relevant details about the column.

Column Heading	Description
Field Description	This column identifies the data element
Type	Identifies the field characteristic as to how it should be stored at the database level. Possible values will be: CHAR for a character based field DATS for a filed containing a date and will be formatted as YYYYMMDD QUAN is a numeric field to hold a quantity value UNIT character based field to identify the component. Examples are: CSE, LBS NUMC numeric field CURR is a currency based value stored in US Dollars with 2 decimals
Length	This column will show the length definition of the underlying SAP field. The expectation is that some WBSCM data elements will not require the full length so the next column was added to address this fact
State Field	This column was added to help identify those fields that WBSCM will include that may not require the full field length definition. The value contained in this column will show the data size determined during development of WBSCM. Please note that these fields may increase in the future but this is the definition at design time.
Required (R), Optional (O), Conditional (C)	For data that will flow into WBSCM from an upload process (Orders, Entitlements, New Recipient Agencies, Updated Recipient Agencies, Goods Receipt, Bill of Lading, National Warehouse Inventory Balance) this column identify each element as being Required, Optional or Conditional. This information will be useful when comparing to the DTD and XML files.

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WBSCM xml Tag	The tag that will be contained in the download of data and will be required for data being uploaded.
ECOS xml Tag	The column relates back to the ECOS Import / Export files and maps any WBSCM tag back to an ECOS xml tag if a similar data element is available
Comments	Additional information about the data

An additional document has been created to consolidate the data contained within the Excel files. The objective of this consolidated file is to provide a single view to the data elements available within WBSCM through the upload and download processes. This will be a living document that will be updated as information is finalized through the development and testing cycles. The current version and location of this document is:

URL: <http://www.fns.usda.gov/fdd/WBSCM/datafiles.htm>

File: *WBSCM FUL Data Reference - June 9, 2009.xls*

Column Heading	Description
Description	Description of data element
Type	Data type. Possible values are: CHAR for a character based field DATS for a field containing a date and will be formatted as YYYYMMDD QUAN is a numeric field to hold a quantity value UNIT character based field to identify the component. Examples are: CSE, LBS NUMC numeric field CURR is a currency based value stored in US Dollars with 2 decimals
SAP Defined Size	This column will show the length definition of the underlying SAP field. The expectation is that some WBSCM data elements will not require the full length so the next column was added to address this fact.
WBSCM output field size	This column was added to help identify those fields that WBSCM will include that may not require the full field length definition. The value contained in this column will show the data size determined during development of WBSCM. Please note that these fields may increase in the future but this is the definition at design time.
WBSCM Process – XML tag	This column will document the WBSCM process and the xml tag for the process. The format to identify this information is: <i>Process – xml_tag</i>
Comment	Brief description that provides addition information to better explain the data. For data types that have a defined format, this will also be outlined in this column.

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The chart below will outline the WBSCM processes that have been documented. The chart outlines each process, its exchange flow as well as the file names.

Process....	Upload / Download	Web links
Entitlement files		
Schools (NSLP, CACF, SFSP)	Upload by SA	WBSCM CNP ENT Upload.xml WBSCM CNP ENT Upload.dtd WBSCM CNP ENT Upload.xls
TEFAP	Upload by SA	WBSCM TEFAP ENT Upload.xml WBSCM TEFAP ENT Upload.dtd WBSCM TEFAP ENT Upload.xls
NSIP	Upload by SA	WBSCM NSIP ENT Upload.xml WBSCM NSIP ENT Upload.dtd WBSCM NSIP ENT Upload.xls
Order Upload & Response	Upload by SA	WBSCM Order Upload and Response.xml WBSCM Order Upload and Response.dtd WBSCM Order Upload and Response.xls
Order Download	Download by SA Or Delivery locations (Processor / Warehouse)	WBSCM Order Download.xml WBSCM Order Download.dtd WBSCM Order Download.xls
Forwarding Notice	Download SA	WBSCM_Forwarding_Notice.xml WBSCM_Forwarding_Notice.dtd WBSCM_Forwarding_Notice.xls
Upload RA	Upload by SA	WBSCM_Upload_RAs.xml WBSCM_Upload_RAs.dtd WBSCM_Upload_RAs.xls
Upload RA Updates	Upload by SA	WBSCM_Upload_RA_Updates.xml WBSCM_Upload_RA_Updates.dtd WBSCM_Upload_RA_Updates.xls