



IMPLEMENTATION GUIDE FOR THE GS1 DATA ALIGNMENT OF MEAT AND POULTRY TRADE ITEMS

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mpXML Standards Committee

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ABOUT MPXML

The Meat and Poultry Business to Business Data Standards Organization, known as mpXML, is a non-profit industry standards organization that seeks to advance the adoption of electronic commerce across the meat and poultry supply chain. Membership in mpXML is available free of charge for all meat and poultry supply chain companies and related service organizations. Meat and poultry suppliers support the organization through an annual membership fee. Membership applications are available at www.mpxml.org. This guide is intended for the use of meat and poultry supply chain companies that are members of mpXML.

1. ACKNOWLEDGEMENTS

This guide represents the work of many individuals representing a range of companies including meat and poultry suppliers, retailers, brokers, third-party service providers, government, and standards organizations. In particular, the work of Steve Rosenberg of GS1 US was indispensable in the development of this guide. His knowledge of the GS1 standards, patient review, and valuable suggestions added immeasurable value to this resource.

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2. TERMS OF USE (DISCLAIMER)

The information presented in this guide provides member agreed-upon guidance for synchronizing meat and poultry trade items using GS1 standards.

Although mpXML members have tested the information in this Implementation Guide and have made every reasonable effort to ensure that the guidance is accurate and useful, errors may occur. Untested scenarios may arise in practice or changes can be made to validation rules and attribute relationships by GS1 or other third parties. Accordingly, mpXML assumes no risk or liability for any consequences that may be incurred through the use of this guide.

If users identify any errors in the guide or have recommendations to improve the usefulness of this guide, please contact:

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Revisions of this guide will be offered periodically to correct identified errors, expand the scope of coverage, and incorporate refinements.

3. PURPOSE OF THE GUIDE

This guide provides support to companies seeking to electronically synchronize meat and poultry product information in accordance with GS1 (EAN.UCC) standards. This guidance applies to the full range of meat and poultry trade items, including fixed weight and variable weight (i.e., catch-weight or tray-pack) products. The guide describes which of the defined GS1 attributes should be used for meat and poultry products and recommends best practices for the use of these standards to synchronize meat and poultry product information between suppliers and retailers. This guide is platform neutral and can be used with or without third party service providers.

This guide covers GS1 attributes for Party and Trade Item requirements only. Other requirements such as Price may be added to future revisions of the guide. This version is constructed to be consistent with GS1 Business Message Standard (BMS), Version 2.0.3, and Business Requirements Document (BRD) Version 7.7.1 for Trade Item and Party, both released May 24, 2005. References to 'X12' refer to ASC X12 EDI Implementation Guidelines as provided by DISA (Data Interchange Standards Association). Reference to EANCOM refers to EAN International's publication of UN/EDIFACT EDI standards.

4. GENERAL GUIDANCE AND TECHNICAL ASSUMPTIONS

DISTINGUISHING VARIABLE MEASURE PRODUCTS FROM FIXED WEIGHT PRODUCTS:

The GS1 classes and attributes for trade item synchronization were originally developed for consumer goods that typically have a fixed weight. Meat and poultry trade items, as well as other perishables, often have a variable item weight, for example, a whole chicken where each product may weigh 2.5 pounds to 5 pounds. In response to the needs of variable weight products, GS1 has added a Boolean attribute "isTradeItemAVariableUnit." This attribute would be marked "Yes" for an item that has a variable weight, and "No" for an item that has a fixed weight even though its piece count may be variable. To summarize:

IDENTIFYING VARIABLE WEIGHT AND FIXED WEIGHT PRODUCTS

1. If the EACH-level of the product varies by weight, set the isTradeltemAVariableUnit attribute to "YES".
2. If the EACH-level of the product does not vary by weight, set the isTradeltemAVariableUnit attribute to "NO".

START WITH MANDATORY AND REQUIRED ATTRIBUTES ONLY, ADDING OTHER ATTRIBUTES LATER

mpXML experience with variable measure trade item synchronization to date shows that supplier systems need to carefully validate the data values they send for attributes and that retailers need to carefully validate the business rules in place for processing new item requests for variable measure trade items. In both cases, trading partners new to variable measure synchronization are best served by starting with messages that contain only core attributes – those mandated by GS1 or considered a required attribute for meat and poultry.

Trade item attributes in Section 7 of this guide are color-shaded with grey to note that they are core attributes and early efforts between trading partners to synchronize variable measure products should include only these attributes. Once successful with the core message, partners can insert additional recommended attributes, those color-shaded green in Section 7, to add more useful product information for the retailers. To summarize:

ATTRIBUTE CONTENT FOR VARIABLE WEIGHT SYNCHRONIZATION MESSAGES

1. Trading partners should begin synchronizing variable measure meat and poultry products using messages that contain only Mandatory and Required attributes (those shaded grey in the guide).
2. Once successful with the core messages, trading partners can insert Recommended attributes (those shaded green in the guide) to add more useful product information.

GTIN ALLOCATION RULES FOR VARIABLE MEASURE PRODUCTS

A goal of the GS1 effort is to synchronize trade item data for orderable units such as cases and consumable units such the consumer retail item. Reflecting this goal, item information is designed to be built as a hierarchy, with the EACH item and the CASE item each having a different Global Trade Item Number (GTIN).

Many meat and poultry producers did not initially chose to assign GTINs at the EACH, or retail, level for their products. Variable measure retail level trade items, for instance a tray pack of chicken breasts, use a UPCA Type 2 barcode containing the price and a product code instead of a standard UPC with a twelve digit lookup number which is the product's GTIN. Because the GTIN could not be captured at the point of sale, producers did not assign a GTIN to the EACH item. Furthermore, previous GTIN allocation rules required that the GTIN for all hierarchy levels (EACH, CASE, and PALLET) of variable measure products begin with the number 9. Because of this rule, meat and poultry producers previously could not use the standard GTIN hierarchy, in which the first digit is changed to reflect the hierarchy level of the item (e.g., 0 for EACH, 2 for CASE, 5 for PALLET).

GS1 recently changed its GTIN allocation rules to require variable measure products at the EACH level to start with a "0". GS1 also now mandates assignment of GTINs at both the CASE and EACH level for both fixed- weight and variable- weight items. Therefore, mpXML now recommends that the GTIN used for variable weight items at the CASE level also be applied at the EACH level, with the leading digit changed from a "9" to a "0", and the check digit recalculated. The use of the leading zero for a variable-weight, EACH-level GTIN is consistent with current GDSN GTIN allocation rules. To summarize:

GTIN ALLOCATION FOR VARIABLE WEIGHT PRODUCTS

- 1. Use existing UCC_EAN_128 code as the CASE-level GTIN.**
- 2. Change the leading digit of CASE-level GTIN from "9" to "0" for the EACH-level GTIN, and recalculate the check digit.**

It should be noted that the use of the "0" is only at the EACH, or the lowest level of the hierarchy. Thus for products that have an EACH, MULTI-PACK and CASE, the leading 0 would be assigned at the EACH level. For this reason, it

will be necessary to apply a GTIN to the MULTI-PACK which is different than the EACH and CASE GTINs, which can be identical except for the leading digit (something other than a 0 or 9) and the check digit. However, should the MULTI-PACK also be a consumable item, its GTIN must begin with a 0 as well to support point-of-sale scanning. In this case, the MULTI-PACK GTIN should be a unique value that is not part of the EACH GTIN hierarchy.

GTIN ALLOCATION GUIDANCE FOR PRODUCTS THAT COULD BE CHILLED OR FROZEN

A unique synchronization issue for the meat and poultry supply chain is the situation where a product could be sold either in a chilled state, a frozen state or both. Trade item data contains attributes that note the storage handling maximum and minimum temperatures that can be used to indicate whether a product is marketed only in a chilled or frozen state. However, when sales of a product occur over a limited season, sometimes producers freeze product out of season to have enough product to distribute during the selling season. Other times, chilled product is frozen due to excess production. In these cases, the same product could be sold in a chilled or frozen state.

mpXML recommends that GTIN allocation consider the primary refrigeration state of the product. When a product is regularly marketed in both chilled and frozen states, then two GTINs should be allocated for the product, one for each refrigeration state. However, if a product is only primarily marketed in one refrigeration state or the other, then only one GTIN for the product is necessary. For seasonal products which could be sold as chilled or frozen, such as spiral-cut hams and whole turkeys, the possibility of product being in delivered in either refrigeration state even though there is only one GTIN for the product needs to be noted when the retailer authorizes the product.

The key to efficient movement through the supply chain is good communications between retailer and packer. If packers only have frozen product available for a retailer that normally buys only chilled, the packer needs to communicate with the retailer to insure that this is acceptable. This communication is critical in cases where over-production has required product with a "chilled" GTIN to be frozen before releasing it into the supply chain. To summarize:

GTIN ALLOCATION FOR PRODUCTS THAT COULD BE CHILLED OR FROZEN

- 1. Assign the GTIN based on the primary state in which the product is marketed (ex. Chilled or Frozen).**
- 2. If product is normally marketed in both a Chilled and Frozen state, assign two GTINs to the product, one for each state.**
- 3. Suppliers should communicate carefully with retailers regarding the refrigeration state of seasonal or feature products than can be marketed in a Chilled, Tempered, or Frozen state.**

ASSIGNING A GTIN AT THE PALLET LEVEL

As noted, the goal of the GS1 synchronization process is to transmit data based on a product hierarchy, from EACH to CASE to PALLET. GS1 recommends assigning a GTIN at the PALLET level if the ordering unit is typically a pallet quantity of products. However, if a GTIN is assigned at the PALLET level, then by definition the dimensions of the cases on the PALLET are fixed. In the meat and poultry supply chain, sometimes different plants use different pallet configurations. For this reason, mpXML recommends assigning a GTIN at the PALLET level only if the PALLET is an orderable unit and the configuration of the PALLETS is consistent across all production facilities. If a GTIN is assigned at the PALLET level, the dimensions of the PALLET load do NOT include the PALLET itself; this allows different types of physical PALLETS or even slip sheets to be utilized.

GTIN ASSIGNMENT AT THE PALLET LEVEL

- 1. Assign a GTIN to the PALLET level whenever the PALLET is an orderable unit and the PALLET configuration is consistent for all plants and orders.**
- 2. Do not assign a GTIN to the PALLET level if the PALLET configuration can vary by plant or order.**

If supply chain partners do not assign a GTIN at the PALLET level, but still wish to limit ordering to PALLET quantities, this information can be transmitted at the CASE level, using the orderQuantityMinimum and orderQuantityMultiple attributes. Further, mpXML recommends using the quantityOfLayersPerPallet attribute to transmit the MAXIMUM number of CASES that can be stacked. To summarize:

TRANSMITTING PALLET-UNIT ORDER QUANTITIES AT THE CASE LEVEL

- 1. Set orderQuantityMinimum to the number of CASES on a PALLET.**
- 2. Set orderQuantityMultiple to the number of CASES on a PALLET.**
- 3. Set quantityOfLayersPerPallet to the maximum number of CASES that can be stacked on a PALLET.**

SYNCHRONIZATION OF VARIABLE MEASURE PRODUCT CLASSIFICATION AND COMMODITY CODES

An issue in data synchronization for the meat and poultry supply chain is the use of the Universal Product Code A (UPCA) Type 2 label on variable weight retail packs, which contains a four or five digit product commodity code and the price of the item embedded in the barcode. Because the UPCA Type 2 is scanned at the point of sale instead of a standard UPCA, which contains the EACH-level GTIN, retailers have had difficulty synching variable measure products and correlating EACH level point of sale information to the orderable CASE level.

In 2005 GS1 formed the Fresh Product Identification working group to address synchronization issues related to the UPCA Type 2-labeled products. The workgroup recommended the use of the additionalTradeltemIdentification attribute to transmit the product codes embedded in a UPCA Type2 barcode. The value "Industry_Assigned" is selected followed by the product or commodity code itself in a specific format. The goal was to give retailers a cross reference point to tie in data captured at the point of sale to EACH and CASE data received through data synch.

In Europe each country has its own commodity code administration agency, and all of the retailers operating in each specific country tend to use these codes. While many U.S. retailers do use industry standard codes such as URMIS or National Chicken Council, others use proprietary commodity codes or a combination of industry-standard and proprietary codes. Retailers also use one digit of the UPCA Type 2 to assign a producer number. However, different retailers assign different numbers to producers, making this data relationship partner-dependent instead of neutral. All of these factors make it much more difficult to use the commodity code for data synchronization purposes in the US.

Because of these factors, mpXML recommends AGAINST sending the commodity code in the additionalTradeltemIdentification attribute for products sold in the U.S. However, mpXML does support the transmission of the additionalTradeltemIdentification attribute for products sold outside the US.

Additionally, mpXML recommends the transmission of industry-standard product classification codes for products sold in all markets through the use of the additionalClassificationCategory attributes. Additional information about product classification codes is found below in the subsection titled "Using Global Product Classification Codes."

SYNCHRONIZATION OF PRODUCT CLASSIFICATION AND COMMODITY CODES

- 1. For products marketed outside the US, use the additionalTradeltemIdentification type and value for standard GS1 member organization commodity codes. Guidance for constructing the additionalTradeltemIdentification value is available from GS1 member organizations.**

PRODUCT THAT IS LABELED WITH UPCA TYPE 2 BARCODES

GS1 has recently approved additions to the standards that will allow indication of the use of UPCA Type 2 barcodes on EACH-level products. However these new standards will not be in use until after 2006. As an interim solution, mpXML recommends using the candidate attribute “isBarcodeDerivable” to indicate when a product is labeled with the UPCA type 2 label. To summarize:

IDENTIFYING CASE-READY VARIABLE WEIGHT EACHS THAT USE THE UPCA TYPE 2 BARCODE

- 1. Set isBarcodeDerivable to “NO” if a UPCA Type 2 barcode will be scanned at point of sale.**
- 2. Set isBarcodeDerivable to “YES” if a standard UPCA barcode will be scanned at point of sale.**

IDENTIFYING PRE-PACKAGED AND BULK-PACK VARIABLE MEASURE PRODUCTS

The meat and poultry supply chain includes variable measure case-ready products that are packaged and ready for the display case with the possible addition of price barcodes, and products that are bulk-packed that require additional handling before they are ready for consumer purchase. Because of the differences in labor, retailers need a way to readily distinguish products of each type. mpXML recommends using the variableTradeltemType attribute to distinguish these two product types. For case-ready product, set the variableTradeltemType to “Pre-packed” and for bulk-pack products set this attribute to “Loose.” To summarize:

IDENTIFYING PRE-PACKAGED AND BULK-PACK VARIABLE MEASURE PRODUCTS

1. For products that are packaged for consumer sale (both pre-priced and not pre-priced), set the variableTradeItem attribute to “Pre-Packaged”.
2. For products that require additional handling before they are ready for consumer purchase, set the variableTradeItem attribute to “Loose”.

IDENTIFYING PRE-PRICED AND NOT PRE-PRICED VARIABLE MEASURE PRODUCTS

The meat and poultry supply chain has a unique situation in that sometimes producers will pre-package product, for instance over-wrapped trays of chicken breasts, but will NOT apply the barcode with the product's price; the barcode is applied by the retailer, after receipt of the product. Currently there is no direct way of indicating this product situation. There have been additions to the standards which have been approved that address this situation, however, these changes will not be in use until late 2006. As an interim solution, mpXML recommends using the barcodeType field as a flag to indicate that there is no barcode or price on the EACH-level package. Note also that pre-priced product and not pre-priced product should be assigned different GTINS by the supplier so that retailers can readily order one or the other. To summarize:

IDENTIFYING PRE-PRICED AND NON-PRE-PRICED VARIABLE MEASURE PRODUCTS:

1. For pre-packaged products that are PRE-PRICED, set the barcodeType attribute value for the EACH level to “UPC_A_SYMBOL”.
2. For pre-packaged products that are NOT PRE-PRICED, set the barcodeType attribute value for the EACH level to Blank or Null.
3. Assign pre-priced and not pre-priced product different GTINs so that retailers can order one or the other.

USING GLOBAL PRODUCT CLASSIFICATION CODES

One benefit of data synchronization is the potential for improving product classification. Effective product classification can facilitate synchronization messaging (getting the item data to the right buyer), product sourcing (identifying products by their general attributes), and “demographic category management” for tracking broad consumption patterns across the supply chain (comparing industry-wide product sales by geographic area).

Global product classification systems such as the GS1 Global Product Classification (GPC) are hierarchical coding systems that define the common attributes of products in a given classification group. The GPC code is one of the attributes included in the GDSN Global Registry. Additionally, the product codes from other classification systems can also be included in synchronized trade item data through the use of the `additionalClassificationCategoryCode` and the `additionalClassificationCategoryDescription` attributes.

As an overview, most product classification approaches contain two levels: the brick or commodity level, which is a general categorization of the product group; and the attribute level, which is one or more attributes that define more specific features of products in that product group.

One well established global product classification system is the United Nations Standard Products and Services Code (UNSPSC). In February 2007, the UNSPSC revised the meat and poultry classification codes at the request of mpXML members. Meat and poultry classification codes now exist that specify the species and whether the product is minimally processed or processed, and whether non-meat additions like water or seasonings have been added.

mpXML recommends that for all products the appropriate UNSPSC product classification code number below be entered as the value for the `additionalClassificationCategoryCode`, the UNSPSC classification name as the value for the `additionalClassificationCategoryDescription`, and “UNSPSC” as the value for the `additionalClassificationAgencyName`,

USING PRODUCT CLASSIFICATION CODES:

- 1. Assign the appropriate 8 digit GS1 Global Product Classification Code to the classificationCategoryCode attribute (for GS1 brick codes, see entry advice for classificationCategoryCode values in Section 7).**
- 2. Assign the appropriate 8 digit UNSPSC classification code for the product to the additionalClassificationCategoryCode attribute (for UNSPSC classification codes and names, see Section 10).**
- 3. Assign the appropriate UNSPSC classification name for the product to the additionalClassificationCategoryDescription attribute.**
- 4. Enter “UNSPSC” as the value for the additionalClassificationAgencyName attribute.**

MEASURING PRODUCT DIMENSIONS OF VARIABLE WEIGHT TRADE ITEMS

Data providers must use a consistent approach when measuring the width, height, and depth of EACH-level variable measure meat and poultry products. Similarly, users of this data need to understand how the dimensions were determined if they are to make proper and consistent use of the information. Therefore, in late 2006 GS1 released the GDSN Package Measurement Rules, guidance which details the standard approaches to measuring regularly and irregularly shaped trade items at the case and consumer level. For a copy of the GDSN Package Measurement Rules Issue 1.5, November 30, 2006, visit the GDSN Standards link at the gs1.org website.

Measurement of variable measure trade items was specifically excluded from the GDSN guide because of the challenges presented by variable measure and natural-shaped products and the need to quickly complete a guide to address pressing issues for fixed weight, “center of the store” products.

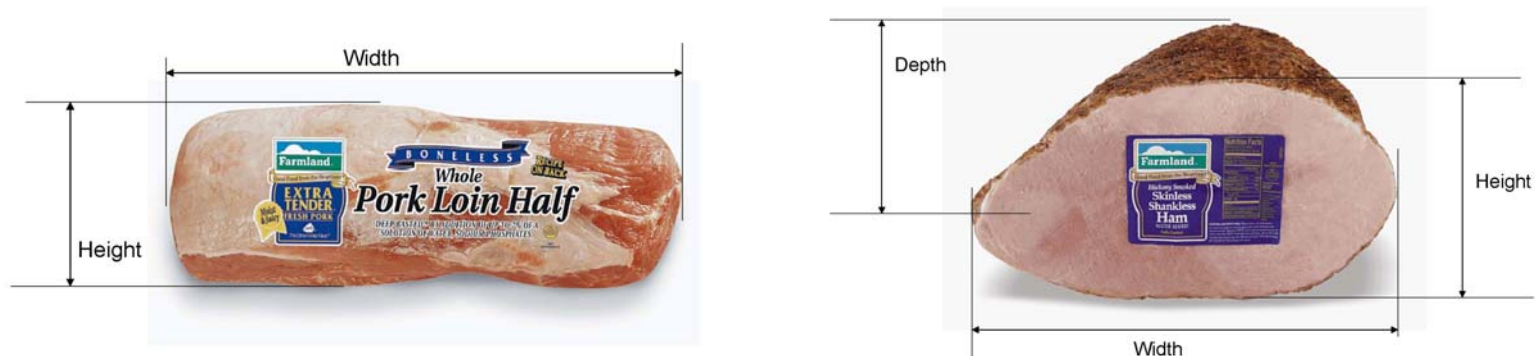
Working with GS1 experts, mpXML’s members have developed a draft guidance document to extend package measurement rules to the variable measure meat and poultry supply chain. This draft document also contains

examples of measuring processes for fixed weight meat and poultry products. The mpXML Guide is designed to be used in conjunction with the GDSN Package Measurement Rules document, which contains technical information on units of measure, tolerances and package and uniform package measurement. A copy of this draft guide is available at the mpXML.org website. In summary, it states:

MEASURING PRODUCT DIMENSIONS OF VARIABLE MEASURE EACH ITEMS:

1. The default front is largest surface area used by producer to sell the product (same as for general consumer products).
2. Looking at the default front, measure the vertical height and the horizontal width of the product, and then finally measure its depth
3. FOR ALL DIMENSIONS, MEASURE THE LARGEST PRODUCT FROM A REPRESENTATIVE SAMPLE.
4. Do not include any product seams in the dimensions UNLESS the product package is designed to be hung or is a stand-up pouch.

The examples below illustrate how the product dimensions are determined for two variable measure products:



SPECIAL USE TRADE ITEM ATTRIBUTES FOR MEAT AND POULTRY

ROLE	ATTRIBUTE	CHILLED VARIABLE WEIGHT				FROZEN FIXED WEIGHT	
		PRE-PRICED		NOT PRE-PRICED		EACH	CASE
		EACH	CASE	EACH	CASE		
Unique Global Item Reference Number	GlobalTradeItemNumber ^a	00614141111119	90614141111119	00614141111119	90614141222229	00614141222229	90614141222229
Is the item variable measure?	isTradeItemAVariableUnit	YES	YES	YES	YES	NO	NO
Is the EACH item of the product case-ready or not?	variableTradeItemType	Pre-packed/ Loose	Pre-packed/ Loose	Pre-packed/ Loose	Pre-packed/ Loose	Blank or Null	Blank or Null
Does the item have a barcode / Is var measure EACH prepriced?	barcodeType	UPC_A _SYMBOL	UCC_EAN_128 _SYMBOL	Blank or Null	UCC_EAN_128 _SYMBOL	UPC_A _SYMBOL	UCC_EAN_128 _SYMBOL
Is the GTIN used as the POS barcode?	isBarCodeDerivable	NO	YES	NO	YES	YES	YES
Is the Product sold in a Chilled or Frozen state?	storageHandlingTemperature Maximum	4° C	4° C	4° C	4° C	-12° C	-12° C
	storageHandlingTemperature Minimum	-2° C	-2° C	-2° C	-2° C	-18° C	-18° C
What GS1 global product classification group does the product belong to?	classificationCategoryCode ^b	10000009	10000009	10000009	10000009	10000013	10000013
What industry-standard UNSPSC classification code does the product belong to?	additionalClassificationCategory Description	Beef, minimally processed without additions	Beef, minimally processed without additions	Chicken, minimally processed without additions	Chicken, minimally processed without additions	Turkey, processed with additions	Turkey, processed with additions
	additionalClassificationCategory Code ^c	50111513	50111513	50111515	50111515	50112013	50112013

(For table footnotes see next page)

^a Fictional company prefix is 614141 and final digit shown as a “9” is a computed check digit. Also note GTIN allocation advice above regarding chilled and frozen product and pre-priced and not pre-priced product.

^b Classification category codes vary for unprocessed and processed product and for chilled, frozen, and shelf stable product. See classificationCategoryCode attribute entry advice for complete code information.

^c This is an optional arrangement to identify the industry-standard product look-up code for retailers and suppliers in the US to use in generating variable measure barcodes for POS product that is to be delivered to the store pre-priced.

6. EXPLANATION OF MPXML ATTRIBUTE DESIGNATIONS

Attributes include both mandatory and optional GS1 attributes that mpXML's members have determined to be valuable for effective synchronization. Mandatory GS1 attributes of mandatory classes and subclasses are always designated as “Mandatory” by mpXML. GS1 attributes in optional classes and subclasses, however, may be designated by mpXML as “Required” or “Recommended” depending on the applicability of that attribute for carrying essential information about meat and poultry items. Additionally, mandatory attributes of an optional class or subclass are denoted as “Mandatory for Class (MCL),” with a gray MCL block following the attribute name. An overview of how GS1 attribute designations relate to mpXML designations is shown in the following table.

GS1 and mpXML ATTRIBUTE DESIGNATION RELATIONSHIPS

GS1 DESIGNATION	mpXML DESIGNATION	GUIDE COLOR CODE	EXPLANATION
Mandatory class and Mandatory attribute	Man – Mandatory	GREY	Use is required by GS1 (and mpXML) for all document instances
Mandatory class and Optional attribute <i>or</i> Optional class and Mandatory attribute <i>or</i> Optional class and Optional attribute	Req – Required	GREY	Use is required by mpXML for effective meat and poultry item synchronization
	Rec – Recommended	GREEN	Use is encouraged by mpXML for effective meat and poultry item synchronization
	Opt – Optional	YELLOW	Use is valuable in certain situations as determined by trade parties
	DNU – Do Not Use	WHITE	Use is not appropriate or not applicable
Optional class and Mandatory attribute	MCL – Mandatory for Class	GREY “MCL” BLOCK (noted to the right of the attribute name)	An attribute which is not required for the document (trade item or party), but is required when its parent class is used. mpXML treats the attribute as an optional attribute but adds the MCL designation to remind the user that the attribute becomes mandatory if any other attribute of the parent class is selected for use.

This Guide addresses the classes and attributes defined by GS1 that have value for data synchronization in the meat and poultry supply chain, and which are necessary for submission of item information to the Global Data Synchronization Network (GDSN). The reader is advised that this is not intended to be an exhaustive list of all

attributes of the GS1 standards. Furthermore, the standards are continually evolving and class and attribute use is subject to later revision.

This guide is not intended to be a substitute or replacement for the current GS1 Business Message Standard or Business Requirements Document. Users should consult these GS1 standards for more detailed information about attribute use whenever questions arise. Should there be a divergence between this guide and the GS1 standards, the GS1 standards take precedence.

MPXML IMPLEMENTATION GUIDE SYNTAX:

The column headers of the document guides are explained below:

A		B		TRADE ITEM DOCUMENT GUIDE			D		E		F	
Case		Each					Data Type		Entry Advice		Interpretive Guidance	
Rec	Rec	0..N	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / TradeItemCountryOfOrigin</i> Use is currently optional per EAN.UCC; may be in process of being changed to mandatory									
Rec	Rec	0..N	countryOfOrigin			MCL	Alphanumeric	Enter country where product was last processed. Information is to support customs business rules regarding imported and exported trade items.		Note - Does NOT address potential COOL legal requirements; Can use multiple values to show all possible countries where a product could be last processed.		

A. USE OF ATTRIBUTE (Identified separately for CASE and EACH of Trade Item):

mpXML recommendations for the use of the class or attribute for effective meat and poultry data synchronization. See the *GS1 and mpXML Attribute Designation Relationships Table on Page 3* for details.

B. OCCURRENCE:

The minimum and maximum times that a class or attribute can occur within the document (trade item or party). This differs from the GS1 schemas that reflect attribute occurrences in relation to the class. Occurrence is identified separately for trade items at the Each level and at the Case level. Values may be:

- 1 Must occur one time; multiple occurrences are not allowed
- 1..N Must occur one time; multiple occurrences are allowed
- 0..1 May optionally occur one time
- 0..N May optionally occur as many times as needed

C. MANDATORY FOR CLASS:

A grey block with the letters “MCL” that, when present next to the attribute name, indicates that the attribute must be used if the class that it belongs to is used.

D. DATA TYPE:

The data type describes the valid characters and format of the value to be entered for that attribute. This information can be used to eliminate data type mismatches between global data imported and proprietary “back-end” systems used by a trading partner. Further information about data types can be found in the GS1 Business Message Standard. Typical data types used in this guide are:

- Alphanumeric (Letters and/or numbers)
- Amount
- Boolean (“Yes” or “1”, “No” or “0”)
- Char (character)
- Date as CCYYMMDD
- DateTime as CCYY-MM-DD T HH:MM
- DaysOfTheWeekList (any valid day of the week)
- Decimal
- Decimal as 99.99

- Integer
- Measurement (a string with a measurement value followed by a unit of measure)
- Measurement Value (a string that includes only the measurement value)
- Percentage

Refer to the GS1 standards for additional information about the data types.

E. ENTRY ADVICE:

The entry advice provides guidance on what logical values are expected for that attribute. Typical advice formats are:

- Enter "value"
- Enter "value1" if condition1; "value2" if condition2

An example of entry advice is:

- isTradeItemAVariableUnit: Enter "Y" (or 1) for variable-weight products; Enter "N" (or 0) for fixed weight products

F. INTERPRETIVE GUIDANCE:

Interpretative guidance is a narrative comment that assists reader in understanding the context and special cases that may affect whether to use an attribute or what value would be most appropriate.

Examples of interpretive guidance are:

- publicationDate: May predate "effectiveDate", or may be the same date as "effectiveDate"
- invoiceName: Can be the same entry as for the "functionalName" attribute
- quantityOfChildren: If there are two lower level GTINs, enter a "2" for this attribute.

7. TRADE ITEM DOCUMENT GUIDE

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
------	------	-----	--	-----------	--------------	-----------------------

Opt Opt 0..1 **CLASS BARCODE ATTRIBUTE EXTENSION**

This is not actually a Trade Item Class but the parent schema for the attribute isBarcodeDerivable. This schema and the attribute have "Candidate" status and may be included in present GDSN Trade Item messages.

DNU Rec	0..1	isBarcodeDerivable	MCL	Boolean	FIXED WT EX: Yes	VARI WT EX: No
					Enter "No" for the EACH level item if it is a variable measure item with a Type 2 barcode; enter "Yes" for the EACH level item if it has a scannable GTIN barcode.	Used to indicate that the item data structure can be derived from the GTIN. Use only on consumable units, typically the EACH level. A new attribute, isGTINBarcode, has been approved for the Trade Item document but not yet available for use in messages.

Man Man 1 **CLASS TRADEITEM**

Man Man 1 **SUBCLASS *NextLowerLevelTradeItemInformation***

Do not use this Subclass for EACH level trade items. Use is required for items above the EACH level.

Man	Man	1	quantityOfChildren	Integer	FIXED WT EX: 0	VARI WT EX: 0
					Enter the number of unique GTINs contained at the very next lower level; typically this value will be "1". This value is not sent if the GTIN is the base unit.	At the CASE level, this entry would be the number of unique EACHs contained in the CASE. If there are two unique lower level EACHs (referred to as Child Trade Items), enter "2".

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ	Data Type	Entry Advice	Interpretive Guidance
Man	Man	1	Integer	FIXED WT EX: 12	VARI WT EX: 12
totalQuantityOfNextLowerLevelTradelItem				Total number of all items contained at the very next lower level. If the trade item contains only one GTIN at next lower level, this number will be same as quantityOfNextLowerLevelTradelItem.	Use this attribute only if the item is a despatch unit (isTradelItemADespatchUnit = Yes). If there are two unique lower level GTINS and each has 5 each-level items, enter a "10" for this attribute. Use average number for variable weight items.
Man	Man	1..N	SUBCLASS <i>NextLowerLevelTradelItemInformation / ChildTradelItem</i>		
Mandatory if NextLowerLevelTradelItemInformation class is used. If this class is used, the GTIN of the next lower level trade item must be also be provided, See Appendix 1 of the EAN.UCC BMS, Version 1.3.1, for details.					
Man	Man	1..N	Integer	FIXED WT EX: 12	VARI WT EX: 12
quantityOfNextLowerLevelTradelItem				Enter the number of trade items in the next lower level trade item unit.	If there are two unique lower level GTINS and there are 5 of each GTIN contained in the CASE, enter a "5" for this attribute for each GTIN. Retailers in the past have set this attribute to "1" as a flag for variable measure products.
Man	Man	1	SUBCLASS <i>TradelItemUnitDescriptorList</i>		
Uses the role tradelItemUnitDescriptor					
Man	Man	1		FIXED WT EX: CASE	VARI WT EX: BASE_UNIT_OR_EACH
TradelItemUnitDescriptorList value				Enter the trade item unit level such as PALLET, CASE, or BASE_UNIT_OR_EACH from the TradelItemUnitDescriptorList	

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance	
Man	Man	1	CLASS TRADEITEMIDENTIFICATION				
			Class is mandatory for TradeItem role, Optional for ReplacedTradeItem role.				
Man	Man	1	SUBCLASS <i>GlobalTradeItemNumber</i>				
Man	Man	1	GlobalTradeItemNumber value	Integer	FIXED WT EX: 00075620568064 Enter Global Trade Item Number (GTIN) assigned by the supplier; Also see GTIN Allocation guidance under the General Guidance Section of this Guide.	VARI WT EX: 00023700440528 For efficient use of GTINs, assign a base GTIN to a trade item and change the leading digit to create a unique GTIN for each level; the leading digit of the consumable-unit GTIN should start with a 0; variable-measure CASE GTINs must start with a 9.	
Man	Man	1	CLASS TRADEITEMINFORMATION				
Man	Man	1	SUBCLASS <i>GDSNTradeItemClassification</i>				
			Use of the TradeItemClassification is required for the Global Data Synchronization Network				
Req	Req	1	classificationCategoryCode	MCL Integer	FIXED WT EX: 10000013 Enter appropriate 8 digit GPC brick code; Processed & Frozen = 10000013; Processed & Perishable = 10000012; Processed & Shelf Stable = 10000014; Unprocessed & Frozen = 10000010; Unprocessed & Perishable = 10000009; Unprocessed & Shelf Stable = 10000011.	VARI WT EX: 10000009 Necessary to ensure trade items are routed to the appropriate retail buyer. mpXML is preparing a CHANGE REQUEST to revise the GPC brick codes to use Species information to provide more meaningful product classification.	

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
Req	Req	1	classificationCategoryDefinition	MCL Alphanumeric	FIXED WT EX: Meat, Poultry and Game, Prepared and Processed (Frozen)	VARI WT EX: Meat, Poultry and Game, Unprepared and Unprocessed (Perishable) Value is system generated based on the value entered for classificationCategoryCode
Req	Req	0..1	classificationCategoryName	MCL Alphanumeric	FIXED WT EX: GPC	VARI WT EX: GPC Value is system generated based on the value entered for classificationCategoryCode
Opt	Opt	0..N	<p>SUBCLASS <i>GDSNTradeItemClassification / ClassificationCategory</i></p> <p>Use this Subclass to identify product with industry standard product classification codes such as URMIS, NCC, or IMPS. This Class can also be used to show industry standard product quality assessments such as USDA Prime, USDA Choice, or USDA Grade A.</p>			
Rec	Rec	0..N	additionalClassificationAgencyName	MCL Alphanumeric	FIXED WT EX: UNSPSC Enter UNSPSC	VARI WT EX: UNSPSC The consistent use of UNSPSC codes for all meat and poultry products is now recommended. UNSPSC codes were revised in February 2007 to create classifications that indicate the species, state of processing, and the presence of non-meat additions.

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
Rec	Rec	0..N	additionalClassificationCategoryCode	MCL Alphanumeric	FIXED WT EX: 50112011 Enter the 8-digit code for the appropriate product class. See Section 10 of this guide for Code list and definitions, or visit www.unspsc.org and search for codes beginning with "5011".	VARI WT EX: 50111520 Use of the UNSPSC code is recommended to indicate the species of the product and whether it is minimally processed or processed and if non-meat additions are present.
Rec	Rec	0..N	additionalClassificationCategoryDescription	MCL Alphanumeric	FIXED WT EX: Chicken, processed with additions Enter the UNSPSC product classification name; See Section 10 of this guide for names and definitions, or visit www.unspsc.org and search for codes beginning with "5011"; Dependent on additionalClassificationCategoryCode	VARI WT EX: Chicken, minimally processed with additions Use of the UNSPSC code description is recommended to indicate the species of the product and whether it is minimally processed or processed and if non-meat additions are present.
Man	Man	1	<p>SUBCLASS <i>InformationProvider</i> Use this class to identify the party that is the originator of the trade item data.</p>			
Man	Man	1	informationProvider	Alphanumeric	FIXED WT EX: 23700000019 Enter the unique GLN of the party that is the originator of the trade item data (e.g., Distributor, Broker, Manufacturer)	VARI WT EX: 23700000019 The purpose of this attribute is to identify the originator of the data who is considered to be the information owner of the trade item data.
Man	Man	1	nameOfInformationProvider	Alphanumeric	FIXED WT EX: Jones Meat Company Enter text name of information provider	VARI WT EX: Jones Meat Company Name must match the GLN entered for the "informationProvider" attribute

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
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Req Req 0..N

SUBCLASS *TargetMarketInformation*

This subclass can be used in combination with the GTIN and GLN to uniquely identify the trade item. Use of Subclass is mandatory for publication of the trade item in the Global Data Synchronization Network.

Req Req 0..1

targetMarketCountryCode

MCL Integer

FIXED WT EX: 840

VARI WT EX: 840

Enter a 3-digit country code from Country Codes List, ISO 3166-1, e.g., 840 = United States.

The target market code indicates the country in which the information provider will make the GTIN available to buyers. The combination of this field +GTIN+GLN uniquely identifies a set of attributes for a trade item.

Req Req 0..1

targetMarketDescription

MCL Alphanumeric

FIXED WT EX: United States

VARI WT EX: United States

Enter the text description of the target market

If subclass is used, this attribute must be present and may be system generated based on targetMarketCountryCode. The description will be generated from the ISO 3166-1 code list. The language code will be generated from the ISO 639 code list.

Man Man 1

SUBCLASS *TradeItemDescriptionInformation*

Use this class to provide narrative descriptions of the product.

Man Man 1

brandName

Alphanumeric

FIXED WT EX: Jones

VARI WT EX: Jones

Enter Brand Name

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ	Data Type	Entry Advice	Interpretive Guidance
Man	Man	1	Alphanumeric	FIXED WT EX: CKN Enter the name of the trade item commonly used for sourcing, sales and marketing purposes	VARI WT EX: CKN If the common name of the product is not too long, this entry can be the same as the "invoiceName" attribute
Man	Man	1	Alphanumeric	FIXED WT EX: Fully Cooked Breast Patties, Breaded Chicken Breast Patties with Rib Meat	VARI WT EX: Ready to Cook, Savory Whole Chickens without Necks and Giblets May be the system-generated description of a product from the concatenation of the "brand", "sub-brand", "functional name" and "variant".
Rec	Rec	0.1	Alphanumeric	FIXED WT EX: JONES BRD CHK PAT Enter abbreviated descriptive Item name for use on POS sales receipt	VARI WT EX: JONES MAR WHL CHK Typical POS systems may limit entry to 18 characters, including spaces. Entry can not be longer than 30 characters.
Rec	Rec	0.1	Alphanumeric	FIXED WT EX: FC BRD CKN BST PAT Enter product name as it should appear on invoice	VARI WT EX: IF SAV MRN CKN WOG XLG Can be the same entry as for the "functionalName" attribute
Man	Man	1	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation</i>		

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ	Data Type	Entry Advice	Interpretive Guidance
Man	Man	1..N	Alphanumeric	FIXED WT EX: United States Enter country where product was last processed. Information is to support customs business rules regarding imported and exported trade items.	VARI WT EX: United States Note - Does NOT address potential COOL legal requirements; Can use multiple values to show all possible countries where a product could be last processed.
Rec	Rec	0..N	Alphanumeric	FIXED WT EX: EAN.UCC-12(1-5-5-1) Choose appropriate selection from Bar Code Type List if a bar code is on the trade item; Leave this entry BLANK for variable weight EACH items that do not have a bar code when delivered to the retailer.	VARI WT EX: EAN.UCC-12(1-5-5-1) If a value is entered, a barcode is assumed to be physically present on the trade item (isBarcodeOnThePackage = Yes). A variable weight EACH with an entry is assumed to be prepriced (with price barcodes), if NULL assumed to be not pre-priced.
Rec	Rec	0..1	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / BrandOwnerOfTradeItem</i> Use if brand owner is not the GTIN information provider (e.g., when brand is licensed)		
Rec	Rec	0..1	MCL Integer	FIXED WT EX: 23700000019 Enter the unique GLN identifying the brand owner	VARI WT EX: 23700000019 This GLN may or may not be the same GLN entity as the information provider GLN. For private label products the retailer may be the brand owner.
Rec	Rec	0..1	MCL Alphanumeric	FIXED WT EX: Jones Meat Company Enter name of brand owner	VARI WT EX: Jones Meat Company

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
Opt	Opt	0..N	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / ManufacturerOfTradeItem</i> Use if manufacturer is not the GTIN information provider (e.g, private label brands)			
Rec	Opt	0..1	manufacturer	MCL Integer	FIXED WT EX: 23700000019 Enter GLN of manufacturer	VARI WT EX: 23700000019 This may or may not be the same as the GTIN information provider.
Opt	Opt	0..1	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / OrganicTradeItemCharacteristics</i>			
Rec	Rec	1..N	organicClaimAgency	MCL Alphanumeric	FIXED WT EX: Use to designate products with Organic Certification; Enter the name of the certifying agency from the enumerated list, e.g., USDA. May specify more than one agency if more than one provides certification of product.	VARI WT EX: USDA
Rec	Rec	1	organicTradeItemCode	MCL Alphanumeric	FIXED WT EX: Not Organic Enter a code from list that indicates the degree to which the product is organic.	VARI WT EX: Organic
Man	Man	1	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / PackagingMarking</i> Subclass will not be mandatory in the next revision of the Trade Item document. Package may refer to Case or Each level items.			
Man	Man	1	isPackagingMarkedReturnable	Boolean	FIXED WT EX: 0 Enter "Yes" if packaging is marked as returnable; otherwise enter "No".	VARI WT EX: 0

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
Rec	Rec	0..N	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / PackagingType</i> Use recommended for BIN, CASE and EACH level items.			
Rec	Rec	0..1	packagingTypeCode	MCL Alphanumeric	FIXED WT EX: CS Enter valid packaging code: CS for case, BIN for bin, TRY or tray or PWT for plastic-wrapped tray, CTN for carton, TBN for tote bin, TUB for tub, TBE for tube or chub, LOG for log, MOD for modified atmosphere package; VAP for Vacuum sealed package.	VARI WT EX: CS Use UC-ECE 21 recommendations. May become a Mandatory attribute in later releases.
Rec	Rec	0..1	packagingTypeDescription	MCL Alphanumeric	FIXED WT EX: Case Enter the text description of packaging type	VARI WT EX: Case May be system-generated based on the value of packagingTypeCode
Man	Man	1	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / TradeItemDateInformation</i> Class required to track effective date of ITEM information			
Man	Man	1	effectiveDate	Date as CCYY-MM-DD	FIXED WT EX: 2004-04-13 Enter the date for which the most recently changed information is valid	VARI WT EX: 2004-04-13 Used to manage the version change process for changes to an item which do not require a new GTIN; May be the same date as "publicationDate"

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ	Data Type	Entry Advice	Interpretive Guidance
Man	Man	1	lastChangeDateTime	DateTime as CCYY-MM-DD T HH:MM FIXED WT EX: 2007-05-19 T 16:00	VARI WT EX: 2007-05-19 T 16:00 The date of last time the item record was edited; May be system generated
Man	Man	1	publicationDate	Date as CCYY-MM-DD FIXED WT EX: 2004-04-10	VARI WT EX: 2004-04-10 Enter the date the item information will be made available to retailers or producers for synchronization and loading to systems May predate "effectiveDate", or may be the same date as "effectiveDate"
Man	Man	1	startAvailabilityDateTime	DateTime as CCYY-MM-DD T HH:MM FIXED WT EX: 2004-04-13 T 00:00	VARI WT EX: 2004-04-13 T 00:00 Date item becomes available from the supplier Many retailers are not using this date, as they expect this date to be the SAME for all levels of the trade item hierarchy, but standards do not require consistency.
Man	Man	1	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / TradeItemMeasurements</i>		
Man	Man	1	depth	Measurement FIXED WT EX: 18.75 IN	VARI WT EX: 22.75 IN Enter measurement from front to back of the item as it would be displayed on a shelf. Round to the nearest 0.05 inch; for naturally shaped items like hams and whole birds, provide the maximum typical value.

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case Each Occ	Data Type	Entry Advice	Interpretive Guidance
Man Man 1 height	Measurement	FIXED WT EX: 4.70 IN Enter measurement from the base to the top of item as it would be placed on a shelf.	VARI WT EX: 8.80 IN Round to the nearest 0.05 inch; for naturally shaped items like hams and whole birds, provide the maximum typical value.
Man Man 1 width	Measurement	FIXED WT EX: 15.5 IN Enter measurement from the left to the right of the item as it would be placed on a shelf.	VARI WT EX: 7.55 IN Round to the nearest 0.05 inch; for naturally shaped items like hams and whole birds, provide the maximum typical value.
Rec Rec 0.1 grossWeight	Measurement	FIXED WT EX: 9.713 LB Weight of product and packaging. Include pallet if at pallet level; Considered to be average weight for variable weight products.	VARI WT EX: 41.6647 LB
Rec DNU 0.1 netWeight	Measurement	FIXED WT EX: 7.87 LB Weight of item excluding packaging. Represents an average weight for variable-weight items.; EAN.UCC states not for consumer unit level items.	VARI WT EX: 39.81 LB Use netContent for consumer-level items.
DNU Req 0.1 netContent	Measurement	FIXED WT EX: 10.5 OZ Used for consumer level items to indicate net content claims on label. Enter the average weight of variable weight items.	VARI WT EX: 3.2 LB Use netWeight for trade items above the consumer level; Value may be required by some datapools.
Rec Rec 0.1	SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / TradeItemTemperatureInformation</i>		

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
Rec	Rec	0..1	storageHandlingTemperatureMaximum	Measurement	FIXED WT EX: 35 F Enter highest value that applies at any point in the supply chain unless a minimum or maximum distribution center or market temperature is specified in an associated Subclass attribute.	VARI WT EX: 35 F Used to indicate whether the state of refrigeration for the item is chilled or frozen.
Rec	Rec	0..1	storageHandlingTemperatureMinimum	Measurement	FIXED WT EX: 26 F Enter lowest value that applies at any point in the supply chain unless a DC or market temp is provided	VARI WT EX: 26 F Used to indicate whether the state of refrigeration for the item is chilled or frozen.
Man	Man	1	<p>SUBCLASS <i>TradingPartnerNeutralTradeItemInformation / TradeItemUnitIndicator</i> Subclass is used to create an item hierarchy. Hierarchy must contain a base unit, consumer unit, despatch unit, and orderable unit. If Case is not consumable, then Each must be consumable. If Each is not orderable, then Case or Pallet must be orderable.</p>			
Man	Man	1	isTradeItemABaseUnit	Boolean	FIXED WT EX: 1 Enter "Yes" (or 1) if no lower level GTIN	VARI WT EX: 1 If "No" is entered, the system will require a GTIN for a lower-level trade item
Man	Man	1	isTradeItemAConsumerUnit	Boolean	FIXED WT EX: 1 Select "Yes" if unit GTIN is scanned at the retail level and sold to the end consumer.	VARI WT EX: 1 If "No" is entered, system will require a GTIN for a lower level trade item; There can be more than one consumer unit in one hierarchy such as an inner pack unit with two EACH units and the EACH unit.

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ		Data Type	Entry Advice	Interpretive Guidance
Man	Man	1	isTradelItemADespatchUnit	Boolean	FIXED WT EX: 1 Enter "Yes" if trade item level is considered a shippable unit	VARI WT EX: 1 If "No" is entered, system will require a GTIN for a higher level trade item such as a Case or Pallet; There can be more than one logistic unit in one hierarchy.
Man	Man	1	isTradelItemAnInvoiceUnit	Boolean	FIXED WT EX: 1 Enter "Yes" if trade item level will be listed on the bill or invoice	VARI WT EX: 1 Typically "Yes" for CASE level and "No" for EACH level; There can be more than one invoice unit in one hierarchy.
Man	Man	1	isTradelItemAnOrderableUnit	Boolean	FIXED WT EX: 1 Enter "Yes" if buyer can use this trade item level to order product; There can be more than one orderable unit in one hierarchy.	VARI WT EX: 1 If "No" is entered, system will require a GTIN for a higher level orderable trade item such as a Case or Pallet; Also use orderByUnitOfMeasure to indicate if the product can be ordered by weight.
Man	Man	1	isTradelItemAVariableUnit	Boolean	FIXED WT EX: 0 Enter "Yes" for variable-weight products; Enter "No" for fixed weight products.	VARI WT EX: 1
Rec	Rec	0..1	priceByMeasureType	Alphanumeric	FIXED WT EX: Enter "Weight" from enumerated list for variable measure products; leave blank for fixed weight products.	VARI WT EX: Weight Indicator to show the unit of measure used when selling a product.

TRADE ITEM DOCUMENT GUIDE - CORE DATA

Case	Each	Occ	Data Type	Entry Advice	Interpretive Guidance
Rec	Rec	0..1	Alphanumeric	FIXED WT EX: Pre-packed Enter "Pre-packed" if item is case-ready (with or without price barcodes) or "Loose" if item is bulk packed or requires further handling before case display for variable measure products; Leave blank for fixed weight product.	VARI WT EX: Pre-packed Used as an indicator to show if a product is case-ready or not; Can be used at all levels of the trade item hierarchy to reflect whether the ultimate consumable unit is case-ready or not (Case unit containing tray-packed Each product = "Pre-packed").

8. PARTY DOCUMENT GUIDE

PARTY DOCUMENT GUIDE

Use	Max	Man for Class	Data Type	Entry Advice	Interpretive Guidance
Opt	0..1	CLASS PARTYCONTAINMENT			
		Used to identify other GLNs associated with the primary party			
Man	1..N	SUBCLASS <i>PartyChild</i>			
		Manatory if PartyContainment class is used; recursively uses the PartyIdentification Class			
Opt	1	partyChildRole	MCL Alphanumeric	Enter appropriate role from PartyRoleList such as SUPPLIER, BUYER, STORE, or MANUFACTURING_PLANT	
Man	1	CLASS PARTYIDENTIFICATION			
Opt	0..N	SUBCLASS <i>AlternatePartyIdentification</i>			
Opt	0..N	additionalPartyIdentification	Alphanumeric	Enter appropriate string from AlternatePartyIdentificationList such as DUNS or USDA_ESTABLISHMENT_NUMBER	
Man	1	SUBCLASS <i>GlobalLocationNumber</i>			
Man	1	gLN	Integer	Enter the GLN of the party	Either GLN or AlternatePartyIdentification such as DUNS number must be used to identify the party.
Man	1	CLASS PARTYINFORMATION			
Opt	0..N	SUBCLASS <i>Contact</i>			
		People or departments associated with the party			
Opt	0..N	personOrDepartmentName	MCL Alphanumeric		

PARTY DOCUMENT GUIDE

Use	Max	Man for Class	Data Type	Entry Advice	Interpretive Guidance
Opt	0..N				
		SUBCLASS <i>Contact / CommunicationsChannel</i>			
Opt	0..N		MCL Alphanumeric	Enter the communication information for the contact such as a phone number or email address	Use the communicationChannelCode attribute to indicate what type of communication information this is.
Opt	0..1				
		SUBCLASS <i>Contact / CommunicationsChannel/CommunicationChannelCodeList</i> Mandatory if CommunicationsChannel subclass is used			
Opt	0..1		MCL Alphanumeric	Enter a value from the CommunicationChannelCodeList such as EMAIL, TELEFAX, TELEPHONE, or WEBSITE that identified the communicationNumber	
Opt	0..N				
		SUBCLASS <i>FacilitySpecification</i> More than one facility specification can be established when one facility serves multiple functions.			
Rec	0..1		Alphanumeric	Enter the functional mode of the facility from the FunctionalModeCodeList.	
Opt	0..1		Boolean	Enter "Yes" (or 1) if an appointment is required	
Opt	0..1		DaysOfTheWeekList		
Opt	0..1		DaysOfTheWeekList		
Opt	0..1		Time		
Opt	0..1		Time		

PARTY DOCUMENT GUIDE

Use	Max	Man for Class	Data Type	Entry Advice	Interpretive Guidance
Opt	0..1		timeZoneOfTheLocation	Alphanumeric	
Man	1		SUBCLASS <i>NameAndAddress</i>		
Man	1		city	Alphanumeric	Enter name of city where party is located
Man	1		countryISOCCode	Integer	Enter the appropriate country code
Man	1		languageOfTheParty	Language	Select the appropriate language from the ISO 639 Language Code list
Man	1		name	Alphanumeric	Enter the name of the party
Opt	0..1		currency	CurrencyISOCCode	Enter appropriate Currency Code from ISO List 4217
Opt	0..1		pOBoxNumber	Alphanumeric	
Opt	0..1		postalCode	Alphanumeric	Enter zip code or equivalent
Opt	0..1		provinceCode	Alphanumeric	Enter Province code for Canadian parties
Opt	0..1		state	Alphanumeric	Enter State code of party
Opt	0..1		streetAddressOne	Alphanumeric	Enter the first line of the street address
Opt	0..1		streetAddressTwo	Alphanumeric	Enter the second line of the street address if one is needed
Man	1		SUBCLASS <i>PartyDates</i>		

PARTY DOCUMENT GUIDE

Use	Max	Man for Class	Data Type	Entry Advice	Interpretive Guidance
Man	1		partyStartDate	DateTime as CCYY-MM-DD T HH:MM	Enter the start date and time of the availability of the party information
Opt	0..1		effectiveChangeDate	DateTime as CCYYMMDDH HMMSS	Enter the date and time that changes to the party information were last made
Opt	0..1		partyEndDate	DateTime as CCYY-MM-DD T HH:MM	Enter the last date and time that the party information is effective
Man	1..N		SUBCLASS <i>PartyRoleList</i>		
Man	1..N		partyRole	Alphanumeric	Enter appropriate role from PartyRoleList such as SUPPLIER, BUYER, STORE, or MANUFACTURING_PLANT
Opt	0..1		SUBCLASS <i>PlanningManagementProfile</i>		
Opt	0..1		roundingRulesDescription	MCL Alphanumeric	Enter guidance for rounding quantities of items ordered
Opt	0..1		safetyStockRulesDescription	MCL Alphanumeric	Enter advice for calculating inventory on hand for planning and replenishment purposes
Opt	0..1		transportationStrategyDescription	MCL Alphanumeric	Enter guidance on determining cost of transportation for planning profile

9. ATTRIBUTE INDEX

ITEM ATTRIBUTE INDEX

NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
additionalClassificationAgencyName	Rec	Rec	TradelItemInformation / GDSNTradelItemClassification / ClassificationCategory
additionalClassificationCategoryCode	Rec	Rec	TradelItemInformation / GDSNTradelItemClassification / ClassificationCategory
additionalClassificationCategoryDescription	Rec	Rec	TradelItemInformation / GDSNTradelItemClassification / ClassificationCategory
additionalTradelItemDescription	Opt	Opt	TradelItemInformation / TradelItemDescriptionInformation
additionalTradelItemIdentification type	Opt	Opt	TradelItemIdentification /
additionalTradelItemIdentification value	Opt	Opt	TradelItemIdentification /
agreedMaximumBuyingQuantity	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemOrderInformation
agreedMinimumBuyingQuantity	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemOrderInformation
barCodeType	Rec	Rec	TradelItemInformation / TradingPartnerNeutralTradelItemInformation
brandName	Man	Man	TradelItemInformation / TradelItemDescriptionInformation
brandOwner	Rec	Rec	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / BrandOwnerOfTradelItem
campaignEndDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / MarketingInformation
campaignName	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / MarketingInformation
campaignStartDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / MarketingInformation
canceledDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
classificationCategoryCode	Req	Req	TradelItemInformation / GDSNTradelItemClassification
classificationCategoryDefinition	Req	Req	TradelItemInformation / GDSNTradelItemClassification
classificationCategoryName	Req	Req	TradelItemInformation / GDSNTradelItemClassification
classOfDangerousGoods	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemHazardousInformation
colorCodeListAgency	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemColorDescription
colorCodeValue	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemColorDescription
colorDescription	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemColorDescription

ITEM ATTRIBUTE INDEX

NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
consumerAvailabilityDateTime	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemDateInformation
couponFamilyCode	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemCoupon
dangerousGoodsAMarginNumber	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHazardousInformation
dangerousGoodsHazardousCode	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHazardousInformation
dangerousGoodsPackingGroup	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHazardousInformation
dangerousGoodsRegulationCode	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHazardousInformation
dangerousGoodsShippingName	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHazardousInformation
dangerousGoodsTechnicalName	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHazardousInformation
degreeOfOriginalWort	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemMeasurements/FMCGTradeltemMeasurements
deliveryToDistributionCenterTemperatureMaximum	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemTemperatureInformation
deliveryToDistributionCenterTemperatureMinimum	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemTemperatureInformation
deliveryToMarketTemperatureMaximum	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemTemperatureInformation
deliveryToMarketTemperatureMinimum	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemTemperatureInformation
depositValueEffectiveDate	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
depositValueEndDate	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
depth	Man	Man	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemMeasurements
descriptionShort	Rec	Rec	TradeltemInformation / TradetemDescriptionInformation
descriptiveSize	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemSizeDescription
diameter	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemMeasurements
discontinuedDate	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemDateInformation
drainedWeight	DNU	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemMeasurements
eANUCCClassificationAttributeTypeCode	DNU	DNU	TradeltemInformation / TradetemClassification / GDSNTradeltemClassificationAttributeType

ITEM ATTRIBUTE INDEX

NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
eANUCCClassificationAttributeTypeDefinition	DNU	DNU	TradelItemInformation / TradelItemClassification / GDSNTradelItemClassificationAttributeType
eANUCCClassificationAttributeTypeName	DNU	DNU	TradelItemInformation / TradelItemClassification / GDSNTradelItemClassificationAttributeType
eANUCCClassificationAttributeValueCode	DNU	DNU	TradelItemInformation / TradelItemClassification / GDSNTradelItemClassificationAttributeType/GDSNTradelItemClassificationAttributeValue
eANUCCClassificationAttributeValueName	DNU	DNU	TradelItemInformation / TradelItemClassification / GDSNTradelItemClassificationAttributeType/GDSNTradelItemClassificationAttributeValue
effectiveDate	Man	Man	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
effectiveEndDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemPriceDateInformation
effectiveStartDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemPriceDateInformation
endAvailabilityDateTime	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
endDateMaximumBuyingQuantity	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
endDateMinimumBuyingQuantity	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
endDateTimeOfExclusivity	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
fatPercentageInDryMatter	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMeasurements/FMCGTradelItemMeasurements
firstDeliveryDateTime	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemOrderInformation
firstOrderDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
firstShipDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
flashPointTemperature	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemHazardousInformation
fMCGTradelItemIdentification	DNU	DNU	TradelItemIdentification / AlternateTradelItemIdentification
functionalName	Man	Man	TradelItemInformation / TradelItemDescriptionInformation
genericIngredient	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMeasurements
genericIngredientStrength	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMeasurements

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NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
GlobalTradeItemNumber value	Man	Man	TradeItemIdentification / GlobalTradeItemNumber
goodsPickUpLeadTime	DNU	DNU	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemOrderInformation
grossWeight	Rec	Rec	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMeasurements
handlingInstructionsCode	DNU	DNU	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemHandlingInformation
hasBatchNumber	Opt	Opt	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMarking
height	Man	Man	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMeasurements
importClassificationType	Opt	Opt	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemImportIdentification
importClassificationValue	Opt	Opt	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemImportIdentification
informationProvider	Man	Man	TradeItemInformation / InformationProvider
ingredientStrength	DNU	DNU	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMeasurements
invoiceName	Rec	Rec	TradeItemInformation / TradeItemDescriptionInformation
isBarcodeDerivable	DNU	Rec	Barcode Attribute Extension /
isBarcodeOnPackage	DNU	DNU	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / PackagingMarking
isIngredientIrradiated	DNU	DNU	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMarking/FMCGTradeItemMarking
isNetContentDeclarationIndicated	Opt	Opt	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMeasurements
isNonSoldTradeItemReturnable	Opt	Opt	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMarking
isPackagingMarkedReturnable	Man	Man	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / PackagingMarking
isPackagingMarkedWithIngredients	Opt	Opt	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / PackagingMarking
isRawMaterialIrradiated	DNU	DNU	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMarking/FMCGTradeItemMarking
isTradeItemABaseUnit	Man	Man	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemUnitIndicator
isTradeItemAConsumerUnit	Man	Man	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemUnitIndicator
isTradeItemADespatchUnit	Man	Man	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemUnitIndicator

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NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
isTradelItemAnInvoiceUnit	Man	Man	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemUnitIndicator
isTradelItemAnOrderableUnit	Man	Man	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemUnitIndicator
isTradelItemAVariableUnit	Man	Man	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemUnitIndicator
isTradelItemGeneticallyModified	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMarking/FMCGTradelItemMarking
isTradelItemIrradiated	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMarking/FMCGTradelItemMarking
isTradelItemMarkedAsRecyclable	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMarking
isTradelItemSizeBasedPricing	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemOrderInformation
lastChangeDateTime	Man	Man	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
lastOrderDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
lastShipDate	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemDateInformation
linkToExternalDescription	DNU	DNU	TradelItemInformation / TradelItemDescriptionInformation
manufacturer	Rec	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / ManufacturerOfTradelItem
materialSafetyDataSheetNumber	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / MaterialSafetyData
minimumTradelItemLifespanFromTimeOfArrival	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemHandlingInformation
minimumTradelItemLifespanFromTimeOfProduction	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemHandlingInformation
nameOfBrandOwner	Rec	Rec	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / BrandOwnerOfTradelItem
nameOfInformationProvider	Man	Man	TradelItemInformation / InformationProvider
nameOfManufacturer	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / ManufacturerOfTradelItem
netContent	DNU	Req	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMeasurements
netWeight	Rec	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemMeasurements
offerOnPack	DNU	DNU	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / PackagingMarking
orderingLeadTime	Opt	Opt	TradelItemInformation / TradingPartnerNeutralTradelItemInformation / TradelItemOrderInformation

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NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
orderingUnitOfMeasure	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / OrderingAndSellingUnitOfMeasure
orderQuantityMaximum	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemOrderInformation
orderQuantityMinimum	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemOrderInformation
orderQuantityMultiple	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemOrderInformation
orderSizingFactor	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemOrderInformation
organicClaimAgency	Rec	Rec	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / OrganicTradeltemCharacteristics
organicTradeltemCode	Rec	Rec	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / OrganicTradeltemCharacteristics
packageMarksDietAllergen	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMarking
packageMarksEnvironment	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMarking
packageMarksEthical	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMarking
packageMarksFreeFrom	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMarking
packagingMarkedExpirationDateType	DNU	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMarking
PackagingMarkedRecyclableScheme	DNU	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMarking
packagingMaterialCode	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
packagingMaterialCodeListMaintenanceAgency	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
packagingMaterialCompositionQuantity	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
packagingMaterialDescription	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
packagingTermsAndConditions	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
packagingTypeCode	Rec	Rec	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingType
packagingTypeDescription	Rec	Rec	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingType
palletTermsAndConditions	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemPalletInformation
palletTypeCode	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemPalletInformation

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NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
partyReceivingPrivateData	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PrivateInformation
pegHoleNumber	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemMeasurements/PegMeasurements
pegHorizontal	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemMeasurements/PegMeasurements
pegVertical	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemMeasurements/PegMeasurements
percentageOfAlcoholByVolume	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemMeasurements/FMCGTradeltemMeasurements
priceByMeasureType	Rec	Rec	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemUnitIndicator
priceComparisonContentType	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemMeasurements
priceComparisonMeasurement	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemMeasurements
priceOnPackIndicator	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PriceOnTradeltem
productRange	DNU	DNU	TradeltemInformation / TradeltemDescriptionInformation
publicationDate	Man	Man	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemDateInformation
quantityOfChildren	Man	Man	Tradeltem / NextLowerLevelTradeltemInformation
quantityOfCompleteLayersContainedInATradeltem	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHierarchy
quantityOfInnerPack	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHierarchy
quantityOfLayersPerPallet	DNU	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHierarchy
quantityOfNextLevelTradeltemWithinInnerPack	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHierarchy
quantityOfNextLowerLevelTradeltem	Man	Man	Tradeltem / NextLowerLevelTradeltemInformation / ChildTradeltem
quantityOfTradeltemsContainedInACompleteLayer	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHierarchy
quantityOfTradeltemsPerPallet	DNU	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHierarchy
quantityOfTradeltemsPerPalletLayer	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHierarchy
retailPriceOnTradeltem	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PriceOnTradeltem
returnablePackageDepositAmount	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial

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NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
returnablePackageDepositCode	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / PackagingMaterial
seasonalAvailabilityEndDate	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / Season
seasonalAvailabilityStartDate	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / Season
seasonCalendarYear	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / Season
seasonName	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / Season
seasonParameter	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / Season
securityTagLocation	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / SecurityTagInformation
securityTagType	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / SecurityTagInformation
sellingUnitOfMeasure	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / OrderingAndSellingUnitOfMeasure
sizeCodeListAgency	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemSizeDescription
sizeCodeValue	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemSizeDescription
sizeGroup	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / NonPackageTradeltemDimension
specialItemCode	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / MarketingInformation
stackingFactor	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHandlingInformation
stackingWeightMaximum	Opt	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemHandlingInformation
startAvailabilityDateTime	Man	Man	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemDateInformation
startDateMaximumBuyingQuantity	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemDateInformation
startDateMinimumBuyingQuantity	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemDateInformation
storageHandlingTemperatureMaximum	Rec	Rec	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemTemperatureInformation
storageHandlingTemperatureMinimum	Rec	Rec	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradetemTemperatureInformation
subBrand	Opt	Opt	TradeltemInformation / TradetemDescriptionInformation
targetConsumerAge	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TargetConsumer

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NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
targetConsumerGender	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TargetConsumer
targetMarketCountryCode	Req	Req	TradeltemInformation / TargetMarketInformation
targetMarketDescription	Req	Req	TradeltemInformation / TargetMarketInformation
targetMarketSubdivisionCode	Opt	Opt	TradeltemInformation / TargetMarketInformation
taxAgencyCode	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemTaxInformation/TradeltemTaxRate/TaxAgency
taxAmount	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemTaxInformation/TradeltemTaxAmount
taxRate	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemTaxInformation/TradeltemTaxRate
taxTypeCode	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemTaxInformation/TradeltemTaxRate/TaxAgency
taxTypeDescription	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemTaxInformation/TradeltemTaxRate/TaxAgency
totalQuantityOfNextLowerLevelTradeltem	Man	Man	Tradeltem / NextLowerLevelTradeltemInformation
tradeltemCompositionWidth	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemMeasurements
tradeltemCountryOfOrigin	Man	Man	TradeltemInformation / TradingPartnerNeutralTradeltemInformation
tradeltemDescription	Man	Man	TradeltemInformation / TradeltemDescriptionInformation
tradeltemFeatureBenefit	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / MarketingInformation
tradeltemFinishDescription	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemFinish
tradeltemFormDescription	DNU	DNU	TradeltemInformation / TradeltemDescriptionInformation
tradeltemGroupIdentificationCode	DNU	DNU	TradeltemInformation / TradeltemDescriptionInformation
tradeltemGroupIdentificationDescription	DNU	DNU	TradeltemInformation / TradeltemDescriptionInformation
tradeltemMarketingMessage	DNU	DNU	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / MarketingInformation
TradeltemPriceDateInformation value	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemPriceDateInformation
TradeltemUnitDescriptorList value	Man	Man	Tradeltem / TradeltemUnitDescriptorList
unitedNationsDangerousGoodsNumber	Opt	Opt	TradeltemInformation / TradingPartnerNeutralTradeltemInformation / TradeltemHazardousInformation

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NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
variableTradeItemType	Rec	Rec	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemUnitIndicator
variant	DNU	DNU	TradeItemInformation / TradeItemDescriptionInformation
width	Man	Man	TradeItemInformation / TradingPartnerNeutralTradeItemInformation / TradeItemMeasurements

PARTY ATTRIBUTE INDEX

NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
additionalPartyIdentification	Opt		PartyIdentification / AlternatePartyIdentification
bankingInformation	DNU		PartyInformation /
city	Man		PartyInformation / NameAndAddress
communicationChannelCode	Opt		PartyInformation / Contact / CommunicationsChannel/CommunicationChannelCodeList
communicationNumber	Opt		PartyInformation / Contact / CommunicationsChannel
countryISOCODE	Man		PartyInformation / NameAndAddress
currency	Opt		PartyInformation / NameAndAddress
effectiveChangeDate	Opt		PartyInformation / PartyDates
functionalMode	Rec		PartyInformation / FacilitySpecification
gLN	Man		PartyIdentification / GlobalLocationNumber
isAppointmentRequired	Opt		PartyInformation / FacilitySpecification
languageOfTheParty	Man		PartyInformation / NameAndAddress
name	Man		PartyInformation / NameAndAddress
operatingDayFrom	Opt		PartyInformation / FacilitySpecification
operatingDayTo	Opt		PartyInformation / FacilitySpecification
operatingTimeFrom	Opt		PartyInformation / FacilitySpecification
operatingTimeTo	Opt		PartyInformation / FacilitySpecification
partyChildRole	Opt		PartyContainment / PartyChild
partyEndDate	Opt		PartyInformation / PartyDates
partyRole	Man		PartyInformation / PartyRoleList
partyStartDate	Man		PartyInformation / PartyDates
personOrDepartmentName	Opt		PartyInformation / Contact

PARTY ATTRIBUTE INDEX

NOTE: References to certain classes and attributes with no applicability to the meat and poultry supply chain may have been omitted from this list. Consult the GS1 Business Requirements Document (BRD) Version 7.7.1 (May 24, 2005) for a complete list of Trade Item and Party classes and attributes.

Attribute Name	Case	Each	Class Path
pOBoxNumber	Opt		PartyInformation / NameAndAddress
postalCode	Opt		PartyInformation / NameAndAddress
provinceCode	Opt		PartyInformation / NameAndAddress
roundingRulesDescription	Opt		PartyInformation / PlanningManagementProfile
safetyStockRulesDescription	Opt		PartyInformation / PlanningManagementProfile
state	Opt		PartyInformation / NameAndAddress
streetAddressOne	Opt		PartyInformation / NameAndAddress
streetAddressTwo	Opt		PartyInformation / NameAndAddress
taxAmount	DNU		PartyInformation / PartyTaxInformation
taxAuthority	DNU		PartyInformation / PartyTaxInformation
taxPercent	DNU		PartyInformation / PartyTaxInformation
taxRegistrationNumber	DNU		PartyInformation / PartyTaxInformation
timeZoneOfTheLocation	Opt		PartyInformation / FacilitySpecification
transportationStrategyDescription	Opt		PartyInformation / PlanningManagementProfile
typeOfTaxRegistration	DNU		PartyInformation / PartyTaxInformation

10. UNSPSC CLASSIFICATION CODES

UNSPSC CLASSIFICATION CODES FOR MEAT AND POULTRY PRODUCTS

CLASSIFICATION CODE	CLASSIFICATION NAME	CLASSIFICATION DEFINITION
50111513	Beef, minimally processed without additions	Products from mature bovine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111516	Beef, minimally processed with additions	Products from mature bovine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50111517	Veal, minimally processed without additions	Products from young bovine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111518	Veal, minimally processed with additions	Products from young bovine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50111514	Pork, minimally processed without additions	Products from porcine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111519	Pork, minimally processed with additions	Products from porcine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.

CLASSIFICATION CODE	CLASSIFICATION NAME	CLASSIFICATION DEFINITION
50111515	Chicken, minimally processed without additions	Products from animals of the species <i>Gallus gallus domesticus</i> , including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111520	Chicken, minimally processed with additions	Products from animals of the species <i>Gallus gallus domesticus</i> , including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50111521	Turkey, minimally processed without additions	Products from animals of the species <i>Meleagris gallopavo</i> , including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111522	Turkey, minimally processed with additions	Products from animals of the species <i>Meleagris gallopavo</i> , including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50111523	Lamb/Mutton, minimally processed without additions	Products from ovine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111524	Lamb/Mutton, minimally processed with additions	Products from ovine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.

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50111525	Goat, minimally processed without additions	Products from caprine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111526	Goat, minimally processed with additions	Products from caprine animals, including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50111527	Specialty meat, minimally processed without additions	Products from a single species of animal other than a bird, bovine, ovine, porcine, or caprine source (e.g., horse, llama, or bison), including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111528	Specialty meat, minimally processed with additions	Products from a single species of animal other than a bird, bovine, ovine, porcine, or caprine source (e.g., horse, llama, or bison), including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50111529	Specialty poultry, minimally processed without additions	Products from a single species of bird other than <i>Gallus gallus domesticus</i> or <i>Meleagris gallopavo</i> (e.g., duck, goose, pheasant, or quail), including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111530	Specialty poultry, minimally processed with additions	Products from a single species of bird other than <i>Gallus gallus domesticus</i> or <i>Meleagris gallopavo</i> (e.g., duck, goose, pheasant, or quail), including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.

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50111531	Mixed species meat, minimally processed without additions	Products from two or more species of animal (e.g., a turducken), including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50111532	Mixed species meat, minimally processed with additions	Products from two or more species of animal (e.g., a turducken), including those that are sliced or diced, that have not been subject to any further manufacturing process such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112004	Beef, processed without additions	Products from mature bovine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112005	Beef, processed with additions	Products from mature bovine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112006	Veal, processed without additions	Products from young bovine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112007	Veal, processed with additions	Products from young bovine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112008	Pork, processed without additions	Products from porcine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.

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50112009	Pork, processed with additions	Products from porcine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112010	Chicken, processed without additions	Products from animals of the species <i>Gallus gallus domesticus</i> that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112011	Chicken, processed with additions	Products from animals of the species <i>Gallus gallus domesticus</i> that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112012	Turkey, processed without additions	Products from animals of the species <i>Meleagris gallopavo</i> that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112013	Turkey, processed with additions	Products from animals of the species <i>Meleagris gallopavo</i> that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112014	Lamb/Mutton, processed without additions	Products from ovine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112015	Lamb/Mutton, processed with additions	Products from ovine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.

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50112016	Goat, processed without additions	Products from caprine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112017	Goat, processed with additions	Products from caprine animals that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112018	Specialty meat, processed without additions	Products from a single species of animal other than a bird, bovine, ovine, porcine, or caprine source (e.g., horse, llama, or bison) that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
5011209	Specialty meat, processed with additions	Products from a single species of animal other than a bird, bovine, ovine, porcine, or caprine source (e.g., horse, llama, or bison) that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.
50112020	Specialty poultry, processed without additions	Products from a single species of bird other than <i>Gallus gallus domesticus</i> or <i>Meleagris gallopavo</i> (e.g., duck, goose, pheasant, or quail) that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112021	Specialty poultry, processed with additions	Products from a single species of bird other than <i>Gallus gallus domesticus</i> or <i>Meleagris gallopavo</i> (e.g., duck, goose, pheasant, or quail) that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.

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50112022	Mixed species meat, processed without additions	Products from two or more species of animal that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are not present.
50112023	Mixed species meat, processed with additions	Products from two or more species of animal that have be subject to one or more further manufacturing processes such as being cooked, dried, cured, ground, or reformed. Product additions such as an injected solution, marinade, sauce, seasoning, dry coating, stuffing, or filling are present.