



Meal Ticket

GDSN Implementation Guide

Version 1.0

January 2021

OVERVIEW

This document is intended for Suppliers who will be sending product data to Meal Ticket and its subsidiaries through the GDSN (Global Data Synchronization Network) and have subscribed to a GDSN Certified Data Pool other than Syndigo.

Suppliers currently publishing item information through the GDSN for their Retail Trading Partners will need to populate additional data attributes to meet the Meal Ticket requirement.

The following options are available to these Suppliers:

Option 1: GDSN – Exclusively utilize GDSN to publish attributes to Meal Ticket. Core attributes are the minimum requirement in order to publish to Meal Ticket.

Option 2: GDSN Plus – Provide a portion of required attributes via GDSN and additional attributes to Syndigo directly to fully satisfy the Meal Ticket requirement. Core attributes are the minimum requirement in order to publish to Meal Ticket.

All communication related to the Meal Ticket implementation must be directed to Syndigo. Your Syndigo contact will review the options available to you and recommend the option which best suits your company's needs.

Syndigo Contacts

1. For Suppliers who have an existing relationship with Syndigo, contact your assigned Syndigo Account Executive. Contact Kate DiLorenzo, Account Executive, kate.dilorenzo@syndigo.com or (312) 766-4801.
2. If you work with another GDSN Certified Data Pool, then navigate to the Syndigo support form at <https://www.syndigo.com/support/gdsn-en/> and choose "New GDSN Subscription" as the request type. For Suppliers who do not have an existing relationship with Syndigo and have questions, contact Kate DiLorenzo, Account Executive, kate.dilorenzo@syndigo.com or (312) 766-4801.

Meal Ticket GLN Information

Production GLN: 0860004163251

Meal Ticket Data Synchronization Environment

Data Pool: Syndigo
System: Syndigo Portal

Option 1 : Publishing to Meal Ticket via the GDSN

Publications

1. Meal Ticket requires their suppliers to publish all products that they would like to make available for sale to Meal Ticket.
 - a. Products Meal Ticket currently purchases.
 - b. Products the Supplier would like to make available to Meal Ticket for purchase in the future.
2. For the first Meal Ticket publication, Suppliers are to publish all products as “Initial Load”.

Implementation Overview

The following outlines the key steps to implementation:

Implementation Steps

1. Initiate the GDSN trading partner relationship
 - a. Contact Syndigo to confirm your implementation option
 - b. Review the list of required attributes in this document
 - c. Meal Ticket will create a subscription based upon your GLN
2. Syndigo will provide a username and password to the Syndigo Portal to assist with Rationalization, Item Change and New Item Setup procedures
3. Prepare product data for Publication
4. Publish all products as “Initial Load”
 - a. Confirm with Syndigo how initial publication should be sent
5. Login to Syndigo portal for product status to complete the Rationalization process and investigate “Review” CIC responses
6. Ongoing publications to be sent with “New” or “Update” status. To Inactivate a product, send as “Delete”.

Catalog Item Confirmations (CIC's)

Meal Ticket will automatically return a CIC to the supplier. The CIC sent will be based upon the following:

GDSN Response Messages:

Accepted: Transmission received and can be processed.

Exception: Transmission received but contains XML or GDSN validation error - will not be processed.

CIC Messages:

Accepted: product has been received and has passed Meal Ticket GDSN validations. This response will typically be sent within a few hours after receiving the publication.

Review: product does not pass Meal Ticket GDSN validations or product has been matched (Rationalized) with a Meal Ticket catalog item, but has failed Meal Ticket's audit process and therefore has data discrepancies to be reviewed and addressed. Reason for Review status will be transmitted in CIC999. This response may follow an Accept message and may take several days to resolve.

Synchronized: product has been published to Meal Ticket 's internal system and will be updated as revisions occur. This response will be sent after all validations and audits have been successfully completed.

Rejected: product has been de-listed by Meal Ticket. The item will revert back to Eligible with an Accepted CIC status (if passing audit) or Review CIC status (if failing audit) the following week. If required, item can be published to Syndigo as a delete following the Accepted or Review CIC status.

Option 2: GDSN Plus – Providing Additional Attributes to Syndigo

Your Syndigo contact will walk you through the various implementation options available to your company with this method.

Listing New Items with Meal Ticket

Meal Ticket utilizes Syndigo in their New Item Setup process. We require Suppliers to publish and pass Meal Ticket Core, Marketing, Nutritional and Image audits on all, items including eligible items, to help facilitate the New Item Setup process and increase speed to market on new items.

Meal Ticket Foods Image Requirements

Image Size

For high-resolution images:

- Minimum image size per side: 200 mm (8.0 in.) (2400 pixels)
- Maximum image size per side: 400 mm (16.0 in.) (4800 pixels)
- File resolution: 300 dpi
- Square aspect ratio is maintained (1:1) for automatic processing

File Format and Color Mode

- File format: LZW TIFF format, JPG
- Delivery of the image will be at the minimum image quality and trading partner agreements can dictate the storage of the image in an alternate format, i.e., JPEG format (quality level maximum or level “number 12”)
- Color Mode: RGB, 8 bit

For 360 images:

- Minimum image size per 400 X 400
- Resolution: 150 dpi
- Format: JPG or PNG
- Color mode: RGB, 8 bit
- Cropping: Squared 1:1 aspect ratio

File Naming

File Name

A significant portion of the Marketing image standard covers the naming conventions to identify the views represented by each image. There could be multiple languages on a product leading to exceptionally long file names. There could also be more than one marketing view available for a product. The same product in Country A with bilingual packaging will not have the same GTIN as the version sold in Country B which has another set of languages. The languages on the packaging will be unique to the specific product GTIN. When all merchandisable views contain all languages present on packaging, there is no need for a language

indicator (Example default in-package, primary merchandisable view). Only when alternate views exist unique language facings require a unique language indicator (Alternate side of same product with alternate language view - in this case the English view would add the “_en” to the file name).

This leads to the other key aspect of identification. When faced with multiple merchandisable faces, which is the primary. To resolve this, refer to the existing standards for determining the front face found in the [GS1 Package Measurement Rules Standard | GS1](#) (see the following excerpt):

■ Prior to any measurement capture, the Default Front of the trade item must be determined. For the purposes of this standard, the Default Front is the side with the largest surface area that is used by the manufacturer to “sell” the product to the consumer, in other words, the side with markings such as the product name.

Note: The Consumer Product Variant number listed below has an alpha-numeric format up to 20 characters (AN..20) but for practical purposes it should not include any character which cannot be used in the file-naming convention of common computer operating systems. For example the characters < (less than), : (colon), * (asterisk), etc. should not be used.

Character position	Value	Description	Image Type (16th Position)												
			A	B	C	D	E	F	H	M	L	S	3DR	U	
1-14	(N14)	Product GTIN	x	x	x	x	x	x	x	x	x	x	X	X	
15	_	(underscore)	x	x	x	x	x	x	x	x	x	x	X	x	
16	A	A - Product Image (Web)	x												
	B	B - Product Image with Supporting Elements (web)		x											
	C	C - Product Image (High Resolution)			x										
	D	D - Product Image with Supporting Elements (High Resolution)				x									
	E	E - Product Image 360° & 3D					x								
	F	F - Detail Image						x							
	Column F values apply to all image types listed in the adjacent field	G - Composition T - Content/Texture J - Sample (Prototype)/Mock-up Image K - Social Media N - Application P - Technology Q - Size Comparison R - Ambience/Mood													
	H	H - Mobile Ready Hero Image								x					
	M	M - Montage Image									x				
	L	L - Product Packaging/Label Information										x			
	S	S - Sidekick Image											x		
	3DR	3DR - 3D Rendered file												x	
	U	Optimised Hero Image												x	

Character position	Value	Description	Image Type (16th Position)												
			A	B	C	D	E	F	H	M	L	S	3DR	U	
17 Only one maybe used	0	0 - Not applicable	x	x	x	x									x
	1	1 - Front	x	x	x	x				x					x
	2	2 - Left	x	x	x	x									x
	3	3 - Top	x	x	x	x									x
	7	7 - Back	x	x	x	x									x
	8	8 - Right	x	x	x	x									x
	9	9 - Bottom	x	x	x	x									x
	_	(underscore)							x		x		O		
	(N1)	Facing Type (based on planogram designation)									x				
	1	Full Flat (can only be used with 'L')										x			
	2	Nutritional Label										x			
	3	Barcode (can only be used with 'L')										x			
	4	Ingredients (can only be used with 'L')										x			
	5	Nutritional/Ingredients combined (can only be used with 'L')										x			
	6	Marketing Content (QR Code) (can only be used with 'L')										x			
7	Certification Seals/Claims										x				
8	Preparation Instructions										x				
	9	Petfood Feeding Instructions/ Ingredients										x			
	10	Safe Handling Instructions										x			
	11	Special Cases										x			
18 Only one may be used	C	C - Centre	x	x	x	x				x					x
	L	L - Left	x	x	x	x				x					x
	R	R - Right	x	x	x	x				x					x
	N	N - No plunge angle	x	x	x	x				x					x
	_	(underscore)							x				O		
(N3)	Sequence Number (3 character numeric)								x		x				
18+	(a2) or (a2-A2)	Language Indicator (2 character alpha):ISO639 format - Example syntax for populating a country variation of a Language Code attribute: aa or optionally aa-AA where aa = ISO 639-1 code list, must be lower case where AA =ISO 3166-1 Country Code, 2 Alpha character representation, must be upper case to be used only if multiple faces of dissimilar languages occur										O			
	S(N2)	Serialisation/Sequence Number (3 character alphanumeric): lowercase 's' followed by 2 numeric digits for Sequence number will be added at the end of file name with the following format: xxxx_sNN (underscore, lowercase "s" and then 2 numeric mandatory)										O	O		

Character position	Value	Description	Image Type (16th Position)																
			A	B	C	D	E	F	H	M	L	S	3DR	U					
19 Only one may be used	1	(1) In packaging	x	x	x	x					x					x			
	0	(0) Out of packaging (i.e., the product as it first arrives "out of packaging" not how it appears after it has been processed or prepared)	x	x	x	x					x						x		
	A	(A) Case – A shot of the product in its case as it would appear to the operator upon delivery.	x	x	x	x												x	
	B	(B) Innerpack – A shot of the product as it would appear inside its packaging inside the case.	x	x	x	x													x
	C	(C) Raw/uncooked – A shot of a product that has not been cooked or processed or that needs to be cooked or further prepared before it is considered edible.	x	x	x	x													x
	D	(D) Prepared - A shot of a product that has been taken from a raw or uncooked state to a cooked state according to the appropriate method of preparation (e.g., baked, fried, grilled or boiled).	x	x	x	x													x
	E	(E) Plated - Prepared food arranged simply on a serving plate, dish or bowl for better visibility. May include an additional step, such as garnishing, icing, seasoning or other enhancement		x		x													x
	F	(F) Styled - Carefully and artfully arranged for an attractive visual presentation, and designed to suggest the taste, aroma and appeal of the actual dish. May include complementary items (e.g., an entrée and sides) to present the impression of a complete meal. May also include an additional step, such as garnishing, icing, seasoning or other enhancement. May be presented with different backgrounds and at different angles.		x		x												x	
	G	(G) Staged - A shot of a product that has been arranged for display in such a way as to provide clear visibility. The product may be propped up if necessary for optimum viewing, but it should not be held or used in any way by a person.		x		x												x	
	H	(H) Held - A shot of a product that has been held out for display by one hand or a pair of hands. When relevant, proper grip should be demonstrated. Apart from the hands and forearms, no part of the person holding the item should be visible.		x		x												x	
	J	(J) Worn - A shot of a product, such as a protective item or article of clothing, which is worn by a person. The complete product should be visible inside the frame, but the individual wearing it should be cropped out as much as possible.		x		x												x	

Character position	Value	Description	Image Type (16th Position)											
	K	(K) Used - A shot of a product as it is meant to be used in its appropriate environment. Small utensils may be held in a hand or hands and used for their intended purpose.		x		x								x
	L	(L) Family - A shot of a number of related products (e.g., matched sets, place settings) arranged together in a single picture.		x		x								x
	M	(M) Open Case - A shot of a case, flaps open, that shows how the product(s) would look when an operator receives the product and opens the case.	x	x	x	x								x
	P	(P) Pallet/Display – An image comprised of the product in a display or pallet configuration.	x	x	x	x								x

Character position	Value	Description	Image Type (16th Position)											
			A	B	C	D	E	F	H	M	L	S	3DR	U
*19-25	R(nn)_C(nn)	Plunge Angle (R) and Column Position (C)					x							
20	_	(underscore) optional separator	x	x	x	x			0					
21 +	(a2) or (a2-A2)	Language Indicator (2 character alpha):ISO639 format - Example syntax for populating a country variation of a Language Code attribute: aa or optionally aa-AA where aa = ISO 639-1 code list, must be lower case where AA =ISO 3166-1 Country Code, 2 Alpha character representation, must be upper case to be used only if multiple faces of dissimilar languages occur	0	0	0	0			0			0	0	0
	(N4)	Image end date/promotional (4 character numeric) MMY that image is valid until (i.e., If good until 1216 (Dec 2016) then to be removed after 01 January 2017.)	0	0	0	0			0			0	0	0
	s(N2)	Serialisation/Sequence Number (3 character alphanumeric): lowercase 's' followed by 2 numeric digits for Sequence number will be added at the end of file name with the following format: xxxx_sNN (underscore, lowercase "s" and then 2 numeric mandatory)	0	0	0	0			0			0	0	0
	R	Rendered image	0	0	0	0			0					
	CPV(AN..20)	Consumer Product Variant number as identified in GDSN	0	0	0	0	0	0	0	0	0	0	0	0
25	_	(underscore) optional separator					0							
26-28	s(N2)	Serialisation/Sequence Number (3 character alphanumeric): lowercase 's' followed by 2 numeric digits for Sequence number will be added at the end of file name with the following format: xxxx_sNN (underscore, lowercase "s" and then 2 numeric mandatory)					0							

Example:

00012345678905_A1C1_1215_s01.jpg

GTIN	0012345678905	00012345678905
Image type	Product image (Web)	A
Facing	Front	1
Angle	Centre	C
State	In package	1
Image End Date	Dec 2015	1215
Sequence Number	01	s01

00012345678905_H1C1_ABC123.jpg

GTIN	0012345678905	00012345678905
Image type	Mobile Ready Hero Image	H
Facing	Front	1
Angle	Centre	C
State	In package	1
CPV	Consumer Product Variant	ABC123

Option 2: GDSN Plus – Providing Additional Attributes to Syndigo

Your Syndigo contact will walk you through the various implementation options available to your company with this method.

Required Meal Ticket Product Attributes

Legend		
M = Mandatory Minimum subset of attributes that are required for Meal Ticket to receive publication.	R = Additional attributes requested by Meal Ticket to fulfill the complete data requirement.	C = Conditional

Core:

Attribute s #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Brand Name	Brand Name	brandName	M	
2		Sub Brand	subBrand	R	
3	GTIN	GTIN	gtin	M	
4	Bar Code / Data Carrier	GS1 Trade Item Identification Key Code	gs1TradeltemIdentificationKeyCode	R	
5		Data Carrier Type Code	dataCarrierTypeCode	R	
6		UPC	gs1TradeltemIdentificationKeyValue	R	
7	Unit Descriptor	Trade Item Unit	tradeltemUnitDescriptorCode	M	
8		Preliminary Item Status Code	preliminaryItemStatusCode	R	
9	Company Name (Brand Owner)	Brand Owner GLN	brandOwner/gln	R	
10		Brand Owner Name	brandOwner/partyName	R	
11	Company Name(Manufacturer)	Manufacturer GLN	manufacturerOfTradeltem/gln	M	
12		MFG Name	manufacturerOfTradeltem/partyName	R	
13	Company Name (Information Provider)	Information Provider GLN	informationProviderOfTradeltem/gln	M	
14		Info Provider	informationProviderOfTradeltem/partyName	M	
15	Manufacturer Product Number	Supplier Assigned Product Code	additionalTradeltemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeltemIdentification	R	
16		Additional Trade Item Classification	additionalTradeltemClassificationSystemCode & additionalTradeltemClassificationCodeValue	R	
17	Manufacturer Short Product Description	Short Description	descriptionShort	M	
18	Product Name	Trade Item Description	tradeltemDescription	M	
19	Functional Name	Functional Name	functionalName	M	
20	Global Product Classification (GPC)	GPC (Brick Code)	gpcCategoryCode	M	
21	Shelf Life	Minimum Trade Item Lifespan From Time Of	minimumTradeltemLifespanFromTimeOfProduction	R	
22		Minimum Trade Item Lifespan From Time Of Arrival	minimumTradeltemLifespanFromTimeOfArrival	R	
23	Quantity of Child GTIN Units	Qty of Next Lower Level	QuantityOfNextLowerLevelTradeltem	R	Mandatory if Lower Level Packaging exists and has GTIN
24	Inner Pack Quantity (No GTIN Assigned)	Quantity Of Inner Pack	quantityOfInnerPack	R	Mandatory if Lower Level Packaging exists with no GTIN
25	Item in Inner Pack Quantity (No GTIN Assigned)	Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeltemWithinInnerPack	R	Mandatory based on the presence of a child GTIN
26	Trade Item Weights	Package Weight & UOM	grossWeight & measurementUnitCode	R	
27		Net Weight & UOM	netWeight & measurementUnitCode	R	
28		Drained Weight & UOM	drainedWeight & measurementUnitCode	M	

Core Continued:

Attribute #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
29	Trade Item Measurements	Package Height & UOM	height & measurementUnitCode	M	
30		Package Width & UOM	width & measurementUnitCode	M	
31		PackageDepth & UOM	depth & measurementUnitCode	M	
32		In Box Cube Dimension & UOM	inBoxCubeDimension & measurementUnitCode	R	
33		Net Content & UOM	netContent & measurementUnitCode	R	
34		Individual Unit Minimum & UOM	individualUnitMinimumSize & measurementUnitCode	R	
35		Individual Unit Maximum & UOM	individualUnitMaximumSize & measurementUnitCode	R	
36	Pack Size Text	Shipping Container Quantity Description	shippingContainerQuantityDescription	R	
37	Catch Weight	Package Quantity Can Vary	isTradeItemAVariableUnit	M	
38	Trade Item Dates	Information Effective Date	effectiveDateTime	R	
39		Discontinued Date	discontinuedDateTime	R	
40	Delivery Purchasing Information	Market Availability Date	startAvailabilityDateTime	R	
41		End Availability Date Time	endAvailabilityDateTime	R	
42		First Order Date	firstOrderDateTime	R	
43		First Ship Date	firstShipDateTime	R	
44		Minimum Order Quantity	orderQuantityMinimum	R	
45		Order Quantity Maximum	orderQuantityMaximum	R	
46		Order UOM	orderingUnitOfMeasure	R	
47		Order Sizing Factor	orderSizingFactor & measurementUnitCode	R	
48	Temperatures	Temperature Minimum	temperatureQualifierCode & temperatureMinimum & temperatureMeasurement	R	
49		Temperature Maximum	temperatureQualifierCode & temperatureMaximum & temperatureMeasurement	R	
50	Target Market	Target Market Country Code	targetMarketCountryCode	M	
51	Place of Activity	Place of Product Activity	placeOfProductActivity/countryOfOrigin	R	
52	Pallet Ti and Pallet Hi (Pallet GTIN)	Items Per Pallet Layer	quantityOfTradeItemsContainedInACompleteLayer	R	
53		Layers Per Pallet	quantityOfCompleteLayersContainedInATradeItem	R	
54	Pallet Ti and Pallet Hi (Non-Pallet GTIN)	Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	R	
55		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet	R	
56	Is Item the Base Unit (Lowest Packaging Level)	Item is the Lowest Packaging Level	isTradeItemABaseUnit	M	
57	Is Trade Item Shipping Unit?	Item is Shipped/Despatched at this Packaging Level	isTradeItemADespatchUnit	M	
58	Is Trade Item Consumer Unit?	Item is Sold to the Consumer	isTradeItemAConsumerUnit	M	

Core Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
59	Is Trade Item Invoice Unit?	Item is Invoiced at this Packaging Level	isTradeItemAnInvoiceUnit	M	
60	Is Trade Item Orderable?	Item is Ordered at this Packaging Level	isTradeItemAnOrderableUnit	M	
61	Is Packaging marked as Returnable?	Packaging is Returnable	isPackagingMarkedReturnable	R	
62	Is the Item marked as recyclable?	Is Trade Item Marked As Recyclable	isTradeItemMarkedAsRecyclable	R	
63	Return Information	Is Non Sold Trade Item Returnable	isNonSoldTradeItemReturnable	R	
64	Sales Information	Selling UOM	sellingUnitOfMeasure	R	
65		Brand Distribution Type	brandDistributionTypeCode	R	
66		Brand Distribution Trade Item Type (AVP)	brandDistributionTradeType(AVP)	R	
67	Packaging Information	Packaging Information	packaging/platformTypeCode & packagingMaterialTypeCode etc	R	
68	Is the Item marked with a Batch/Lot Number?	Has Batch Number	hasBatchNumber	R	
69	For More Information (Contact Information)	For more information	contactTypeCode & availableTime & contactName & communicationNumber & communicationChannelCode & communicationValue	R	

Marketing:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Marketing Information	Trade Item Marketing Message	tradeItemMarketingMessage	R	
2		Coupon Family Code	couponFamilyCode	R	
3	Manufacturer Expanded Product Description	Additional Description	additionalTradeItemDescription	R	
4	Storage & Usage	Consumer Storage Information	consumerStorageInstructions	R	
5		Consumer Usage Information	consumerUsageInstructions	R	
6	Preparation & Cooking Instructions	Prep & Cook Suggestions	preparationInstructions	R	
7		Preparation Type	preparationTypeCode	R	
8		Serving Suggestion	servingsuggestion	R	
9		Growing Method Code	growingMethodCode	R	
10	Package Marks	Packaging Marked Free From	packagingMarkedFreeFromCode	R	All valid code values are accepted FREE_FROM_GLUTEN; FREE_FROM_LATEX etc
11	Organic Information	Farming Code	organicProductPlaceOfFarmingCode	R	
12		Farming and Processing Organic Claim	organicTradeItemCode & organicClaimAgencyCode & organicClaimAgencyName & organicClaimAgencyTypeCode etc	R	
13	Diet Information	Diet Type Description	dietTypeDescription	R	
14		Diet Type Information	dietTypeCode & dietTypeSubcode etc	R	All valid code values are accepted KOSHER; HALAL etc

Nutrition:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Serving Quantity Information	Number of Servings Per Package	numberOfServingsPerPackage	R	
2		Number Of Servings Per Package Measurement Precision Code	numberOfServingsPerPackageMeasurementPrecisionCode	R	
3	Nutrition Fact Serving Size with UOM	Serving Size	servingSize & measurementUnitCode	M	If for Food products
4	Serving Size Text	Serving Size Description	servingSizeDescription	R	
5		Servings Per Package Description	servingsPerPackageDescription	R	
6	Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	isNutrientRelevantDataProvided	R	If provided value is Yes product passes Nutritents audit
7	Nutritional Information	Nutrient Format Type Code Reference	nutrientFormatTypeCodeReference	R	Please use codes starting with US_FDA_NFP_2020 to indicate FDA Nutrition Facts Panel 2020 . Other codes or Blank vlaue are used for FDA Nutrition Facts Panel Pre-2020
8	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Preparation State	preparationStateCode	R	
9		Basis Type Code	nutrientBasisQuantityTypeCode	R	
10		Basis Quantity	nutrientBasisQuantity & measurementUnitCode	R	
11		Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	
12		Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel
13		Biotin	nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
14		Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
15		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
16		Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
17		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
18		Carbohydrates (g)	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
19		Carbohydrates % RDI	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
20		Chloride (mg)	nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
21		Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
22		Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
23		Cholesterol % RDI	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
24		Chromium (mcg)	nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
25		Chromium % RDI	nutrientTypeCode(CR) & dailyValueIntakePercent	R	
26		Copper (mg)	nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
27		Copper % RDI	nutrientTypeCode(CU) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
28	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
29		Folate % RDI	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
30		Insoluble Fibre (g)	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
31		Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
32		Iron % RDI	nutrientTypeCode(FE) & dailyValueIntakePercent	M	
33		Magnesium (mg)	nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
34		Magnesium % RDI	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
35		Manganese (mg)	nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
36		Manganese % RDI	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
37		Molybdenum (mcg)	nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
38		Molybdenum % RDI	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
39		Monounsaturated Fat (g)	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
40		Niacin (mg)	nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
41		Niacin % RDI	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	
42		Other Carbohydrates (g)	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
43		Other Carbohydrates %RDI	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
44		Pantothenic (mg)	nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
45		Pantothenic % RDI	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
46		Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
47		Phosphorous % RDI	nutrientTypeCode(P) & dailyValueIntakePercent	R	
48		Polyunsaturated Fat (g)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
49	Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel	
50	Potassium % RDI	nutrientTypeCode(K) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
51	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Protein (g)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
52		Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
53		Riboflavin % RDI	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
54		Saturated Fat (g)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
55		Saturated Fat % RDI	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	
56		Selenium (mcg)	nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
57		Selenium % RDI	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
58		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
59		Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	M	
60		Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
61		Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
62		Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
63		Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
64		Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M	
65		Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
66		Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	M	
67		Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
68		Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
69		Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
70		Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
71		Transfatty Acids (g)	nutrientTypeCode(FATRN) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
72		Vitamin A (IU)	nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
73		Vitamin A IU % RDI	nutrientTypeCode(VITA-) & dailyValueIntakePercent	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel
74		Vitamin B12 (mcg)	nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
75		Vitamin B12 % RDI	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
76		Vitamin B6 (mg)	nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
77		Vitamin B6 % RDI	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
78	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
79		Vitamin C % RDI	nutrientTypeCode(VITC-) & dailyValueIntakePercent	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel
80		Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
81		Vitamin D % RDI	nutrientTypeCode(VITD-) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
82		Vitamin E (mg)	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
83		Vitamin E % RDI	nutrientTypeCode(VITE-) & dailyValueIntakePercent	R	
84		Vitamin K (mcg)	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
85		Vitamin K % RDI	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
86		Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
87		Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	
88		Allergen Relevant Data Provided	isAllergenRelevantDataProvided	R	
89		Milk	allergenTypeCode (AM) & levelOfContainmentCode	R	
90		Eggs	allergenTypeCode (AE) & levelOfContainmentCode	R	
91	Fish	allergenTypeCode (AF) & levelOfContainmentCode	R		
92	Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	R		
93	Tree Nuts	allergenTypeCode (AN) & levelOfContainmentCode	R		
94	Peanuts	allergenTypeCode (AP) & levelOfContainmentCode	R		
95	Wheat	allergenTypeCode(UW) & levelOfContainmentCode	R		
96	Soybeans	allergenTypeCode (AY) & levelOfContainmentCode	R		
97	Sesame	allergenTypeCode(AS) & levelOfContainmentCode	R		
98	Sulphites	allergenTypeCode(AU) & levelOfContainmentCode	R		
99	Agency Name	allergenSpecificationAgency	R		
100	Agency Name	allergenSpecificationName	R		
101		Nutritionn Label Type	nutritionLabelTypeCode	C	
102	Ingredient Information	Ingredients	ingredientStatement	R	
103		Sub Ingredients	ingredientSequence & ingredientName & ingredientPlaceOfActivity	R	
104		Nutritional Claim Description	Nutritional Claim Description	R	