Wawa

GDSN Implementation Guide

Version 2.0

May 2025

OVERVIEW

This document is intended for Suppliers who will be sending product data to Wawa 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 Wawa requirement.

The following options are available to these Suppliers:

Option 1: GDSN – Exclusively utilize GDSN to publish attributes to Wawa. Core attributes are the minimum requirement in order to publish to Wawa.
Option 2: GDSN Plus – Provide a portion of required attributes via GDSN and additional attributes to Syndigo directly to fully satisfy the Wawa requirement. Core attributes are the minimum requirement in order to publish to Wawa.

All communication related to the Wawa 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.

Wawa GLN Information

Production GLN: 0726191000000

Wawa Data Synchronization Environment

Data Pool: Syndigo
System: Syndigo Portal

Option 1 : Publishing to Wawa via the GDSN

Publications

1. Wawa requires their suppliers to publish all products that they would like to make available for sale to Wawa.
    a. Products Wawa currently purchases.
    b. Products the Supplier would like to make available to Wawa for purchase in the future.
2. For the first Wawa 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. Review the list of required attributes in this document
    b. Wawa will send you a subscription request based upon your GLN
2. Prepare product data for Publication
3. Publish all products as "Initial Load"
    a. Confirm with Syndigo how initial publication should be sent
4. Ongoing publications to be sent with "New" or "Update" status. To Inactivate a product, send as "Delete".

Catalog Item Confirmations (CIC's)

Wawa 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 Wawa GDSN validations. This response will typically be sent within a few hours after receiving the publication.

Review: product does not pass Wawa GDSN validations or product has been matched (Rationalized) with a Wawa catalog item but has failed Wawa'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 Wawa'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 Wawa. 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 Wawa

Wawa utilizes Syndigo in their New Item Setup process. We require Suppliers to publish and pass Wawa 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.

Wawa 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 purposed 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	
15	_	(underscore)	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 Column F values apply to all image types listed in the adjacent field	F - Detail Image G - Composition T - Content/Texture J - Sample (Prototype)/Mock-up Image K - Social Media N - Application P - Technology Q - Size Comparison R – Ambience/Mood						x						
	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			O					
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	O	O	O	O			O			O	O	O
	(N4)	Image end date/promotional (4 character numeric) MMYY that image is valid until (i.e., If good until 1216 (Dec 2016) then to be removed after 01 January 2017.)	O	O	O	O			O			O	O	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	O	O			O			O	O	O
	R	Rendered image	O	O	O	O			O					
	CPV(AN..20)	Consumer Product Variant number as identified in GDSN	O	O	O	O	O	O	O	O	O	O	O	O
25	_	(underscore) optional separator					O							
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)					O							

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

At least one image is mandatory per product to publish to Wawa.

Option 2: GDSN Plus – Providing Additional Attributes to Syndigo

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Required Wawa Product Attributes

Legend		
M = Mandatory minimum subset of attributes that are required for Wawa to receive publications	**R = Additional attributes requested by Wawa to fulfill the complete data requirement**	**C = Conditional**

Core:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Manufacturer Short Product Description	Short Description	descriptionShort	M	
2	Product Name	Trade Item Description	tradeItemDescription	M	
3	Manufacturer Product Number	Product Code	additionalTradeItemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeItemIdentification	R	
4	GTIN	Global Trade Item Number (GTIN)	GTIN	M	
5	Barcode	GS1 Trade Item Identification Key Code	gs1TradeItemIdentificationKeyCode	R	
6		UPC	gs1TradeItemIdentificationKeyValue	R	
7	Global Product Classification (GPC)	GPC (Brick Code)	gpcCategoryCode	M	
8	Unit Descriptor	Packaging Level	tradeItemUnitDescriptorCode	M	
9	Brand Name	Brand Name	brandName	M	
10		Sub Brand	subBrand	R	
11	Company Name (Information Provider)	Information Provider GLN	informationProviderOfTradeItem/gln	M	
12		Information Provider	informationProviderOfTradeItem/partyName	M	
13	Company Name(Manufacturer)	Manufacturer GLN	manufacturerOfTradeItem/gln	M	
14		Manufacturer	manufacturerOfTradeItem/partyName	M	
15	Company Name (Brand Owner)	Brand Owner GLN	brandOwner/gln	M	
16		Brand Owner	brandOwner/partyName	M	

Core Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
17	Height with UoM	Package Height	height & measurementUnitCode	M	
18	Depth with UoM	Package Depth	depth & measurementUnitCode	M	
19	Width with UoM	Package Width	width & measurementUnitCode	M	
20	Gross Weight with UoM	Gross Weight	grossWeight & measurementUnitCode	M	
21	Net Weight with UoM	Net Weight	netWeight & measurementUnitCode	M	
22	Cube with UoM	In Box Cube Dimension	inBoxCubeDimension & measurementUnitCode	M	
23	Is Item the Base Unit (Lowest Packaging Level)	Item is the Lowest Packaging Level	isTradeItemABaseUnit	M	
24	Is Trade Item Consumer Unit?	Item is Sold to the Consumer	isTradeItemAConsumerUnit	M	
25	Is Trade Item Shipping Unit?	Item is Shipped/Despatched at this Packaging Level	isTradeItemADespatchUnit	M	
26	Is Trade Item Invoice Unit?	Item is Invoiced at this Packaging Level	isTradeItemAnInvoiceUnit	M	
27	Is Trade Item Orderable?	Item is Ordered at this Packaging Level	isTradeItemAnOrderableUnit	M	
28	Shelf Life from Arrival	Minimum Trade Item Lifespan From Time Of Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	
29	Net Content with UoM	Net Content	netContent & measurementUnitCode	C	One of Net Content, Individual Unit Minimum or Individual Unit Maximum is required when Case is the Lowest level
30	Individual Unit Meassures	Individual Unit Min	individualUnitMinimumSize & measurementUnitCode	C	
31		Individual Unit Max	individualUnitMaximumSize & measurementUnitCode	C	
32	Storage Temperature Max and Min with UoM	Storage Temp From	temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & temperatureMeasurementUnitCode	R	
33		Storage Temp To	temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & temperatureMeasurementUnitCode	M	Storage and Handling (STORAGE_HANDLING) temperature with Maximum temperature in °F is required

Core Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
34	Pallet Ti and Pallet Hi	Layers Per Pallet	quantityOfCompleteLayersContainedInATradeItem	C	One of pairs Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)/Quantity Of Layers Per Pallet (NON-Pallet GTIN) at the Highest Below Pallet level OR Items Per Pallet Layer/Layers Per Pallet at the Pallet level is required.
35		Items Per Pallet Layer	quantityOfTradeItemsContainedInACompleteLayer	C	
36		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet	C	
37		Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	C	
38	Inner Pack Quantity (No GTIN Assigned)	Quantity Of Inner Pack	quantityOfInnerPack	C	Use this for Unit Quantity if Lower Level Packaging exists with no GTIN
39	Inner Pack Quantity (No GTIN Assigned)	Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	C	
40	Packaging Information	Packaging Type	packagingTypeCode	R	
41		Packaging Material Type Code	packaging MaterialTypeCode	R	
42	Trade Item Date on Packaging	Date On Packaging Type Code	tradeItemDateOnPackagingTypeCode	R	
43		Consumer Sales Condition	consumerSalesConditionCode	R	
44		Ordering Lead Time	orderingLeadTime & measurementUnitCode	R	
45		Is Price on Pack?	isPriceOnPack	R	
46	Suggested Retail Price	Suggested Retail Price	suggestedRetailPrice/ priceBasisQuantity & measurementUnitCode & tradeItemPrice & currencyCode & tradeItemPriceTypeCode & priceEffectiveStartDate & priceEffectiveEndDate	R	

Marketing:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Manufacturer Expanded Product Description	Additional Description	additionalTradeItemDescription	R	
2	Preparation Serving Information	Preparation Type	preparationTypeCode	R	
3		Preparation Instructions	preparationInstructions	R	
4		Serving Suggestion	servingSuggestion	R	
5		ProductYieldInformation	productYieldInformation/productYieldTypeCode & productYield & measurementUnitCode	R	

Nutrition:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Nutritional Claims	Nutritional Claim Detail	claimTypeCode & claimElementCode & claimMarkedOnPackage	R	
2	Servings of the Trade Item Unit	Number of Servings Per Package	numberOfServingsPerPackage	R	
3		Juie Content Percentage	juiceContentPercent	R	
4	Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	isNutrientRelevantDataProvided	R	If provided value is Yes product passes Nutritents audit
5	Nutritional Information	Nutrient Format Type Code Reference	nutrientFormatTypeCodeReference	R	
6		Serving Size	servingSize & measurementUnitCode	M	
7	Serving Size	Serving Size Description	servingSizeDescription	M	
8		Basis Type Code	nutrientBasisQuantityTypeCode	R	
9		Basis Quantity	nutrientBasisQuantity & measurementUnitCode	R	
10		Preparation State	preparationStateCode	C	M if any Nutrients stated
11		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
12		Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
13		Calories (kcal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	
14		Calories from Fat (kcal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	R	
15	Nutrient Label contents and measures	Carbohydrates	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
16		Carbohydrates % RDI USA	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
17		Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
18		Cholesterol % RDI USA	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
19		Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
20		Folate % RDI USA	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
21		Insoluble Fibre	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
22		Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
23		Iron % RDI USA	nutrientTypeCode(FE) & dailyValueIntakePercent	M	
24		Monounsaturated Fat	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
25		Other Carbohydrates	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
26		Other Carbohydrates % RDI USA	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
27		Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
28		Phosphorous % RDI USA	nutrientTypeCode(P) & dailyValueIntakePercent	R	
29		Polyunsaturated Fat	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
30		Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
31		Potassium % RDI USA	nutrientTypeCode(K) & dailyValueIntakePercent	M	
32		Protein	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
33	Nutrient Label contents and measures	Saturated Fat	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
34		Saturated Fat % RDI USA	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	
35		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
36		Sodium % RDI USA	nutrientTypeCode(NA) & dailyValueIntakePercent	M	
37		Total Dietary Fiber	nutrientTypeCode(FIBITSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
38		Total Dietary Fiber % RDI USA	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M	
39		Total Fat	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
40		Total Fat % RDI USA	nutrientTypeCode(FAT) & dailyValueIntakePercent	M	
41		Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
42		Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	M	
43		Total Sugar	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
44	Nutrient Label contents and measures	Transfatty Acids	nutrientTypeCode(FATRN) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
45		Vitamin A IU % RDI USA	nutrientTypeCode(VITA-) & dailyValueIntakePercent	R	
46		Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
47		Riboflavin B2 % RDI USA	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
48		Vitamin C % RDI USA	nutrientTypeCode(VITC-) & dailyValueIntakePercent	R	
49		Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
50		Vitamin D % RDI USA	nutrientTypeCode(VITD-) & dailyValueIntakePercent	M	
51		Vitamin K (mcg)	nutrientTypeCode(VITK & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
52		Vitamin K % RDI USA	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
53		Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
54		Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	

Hazmat:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1		Is Dangerous Substance	isDangerousSubstance	R	