



IMA

GDSN Implementation Guide

Version 2.1
October 2024

OVERVIEW

Independent Marketing Alliance require all suppliers to be 100% compliant with the Foodservice GSI Initiative. General information on the Initiative can be found at www.gs1us.org/industries/foodservice

This document is intended for all IMA suppliers who will be sending product data to IMA through the GDSN and have subscribed to a GDSN Certified Data Pool other than Syndigo.

Suppliers currently publishing item information through the Global Data Synchronization Network (GDSN) for their Retail Trading Partners will need to populate additional data attributes to meet the IMA requirement.

Syndigo – Contacts

<https://www.syndigo.com/support/gdsn-en/>

IMA GLN Information

IMA Production GLN: 0822486100018

IMA Data Synchronization Environment

Data Pool: Syndigo

System: Syndigo Portal

IMA – Contacts

GS1@imafoodservice.com

Product Images Guideline Updates

IMA needs a minimum of 4 High Resolution images for each sku. 1 Primary image and 3 or more Supporting images. The Primary image is the first and most important image on each product page. This image sets the customer's expectations. Supporting images help the customer to identify the product throughout its stages.

- 1a) Styled / Plated - **Primary** (food)
- 1b) Out of the Box - **Primary** (non-food)
- 2a) Raw Form (food) - **Supporting**
- 2b) Worn (non- food) - **Supporting**
- 3a) Inner Pack - **Supporting**
- 3b) Used (non-food) - **Supporting**
- 4) Open Case, showing Inner Packs - **Supporting**
- 5) Closed Case, showing Labels and Item Codes - **Supporting**

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

Main Product Image must be populated for at least one level in the hierarchy

Publishing to IMA via the GDSN

Publications

1. IMA requires their Suppliers to publish all products that the Supplier would like to make available for sale to IMA members. Items to include:
 - a. Items IMA members currently purchase
 - b. Items that Supplier would like IMA members to purchase in the future.
2. For the first IMA publication Suppliers to publish all products as “Initial Load”.
3. Publication labeling/branding scenarios:
 - a. IMA Label – publish with Brand Owner GLN set to IMA GLN. Please use the following brand names in the brand field and ensure that case and spelling is identical to what’s listed below:

BOUNTIFUL HARVEST	FAIR MEADOW	RIDGELINE
BRICKFIRE BAKERY	INTROS	RIVERHILL POULTRY
REJUV	KATY’S KITCHEN	SAN PABLO
COBBLESTREET MKT	PIERPORT	SILVERBROOK
CULINARY SECRETS	PRAIRIE CREEK	TRESCERRO
EVERFRY	PROPAK	VILLA FRIZZONI
EVERLIGHT	PROPOWER	VISTA VERDE
EVERRICH	PROWARE	WINDSCAPES
HIDDEN BAY		

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. IMA will create a subscription based upon your GLN
2. Prepare product data for Publication.
3. Publish all products as “Initial Load”.
4. Investigate and respond to “Review” CIC responses.
5. Ongoing publications to be sent with “New” or “Update” status. To Inactivate a product, send as “Delete”.

Catalog Item Confirmations (CIC's)

IMA 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.

CIC Messages:

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

Reviewed: product does not pass IMA GDSN validations or product has failed IMA’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 released by IMA to its Members 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 IMA. 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 IMA as a delete following the Accepted or Review CIC status.

Required IMA Product Attributes

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

Core:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Manufacturer Short Product Description	Short Description	descriptionShort	M	
2	Functional Name	Functional Name	functionalName	M	
3	Product Name	Trade Item Description	tradeItemDescription	M	
4	Additional Trade Item Identification	Additional Trade Item Identification	additionalTradeItemIdentificationTypeCode & additionalTradeItemIdentification Value	R	
5	Manufacturer Product Number	Supplier Assigned Product Code	additionalTradeItemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeItemIdentification Value	M	
6	GTIN	Global Trade Item Number (GTIN)	GTIN	M	
7	Barcode	Data Carrier Type Code	dataCarrierTypeCode	M	
8		GS1 Trade Item Identification Key Code	gs1TradeItemIdentificationKeyCode	R	
9		UPC	gs1TradeItemIdentificationKeyValue	R	
10	Country of Origin	Country Origin of Product	placeOfProductActivity/countryOfOrigin/Country	M	
11	Target Market	Target Market Country Code	targetMarketCountryCode	M	
12	Global Product Classification (GPC)	GPC (Brick Code)	gpcCategoryCode	M	
13	Unit Descriptor	Packaging Level	tradeItemUnitDescriptorCode	M	
14	Brand Name	Brand Name	brandName	M	
15		Sub Brand	subBrand	R	
16	Company Name (Information Provider)	Information Provider	informationProviderOfTradeItem/partyName	M	
17		Information Provider GLN	informationProviderOfTradeItem/gln	M	
18	Company Name (Manufacturer)	MFG Name	manufacturerOfTradeItem/partyName	M	
19		Manufacturer GLN	manufacturerOfTradeItem/gln	M	
20	Company Name (Brand Owner)	Brand Owner Name	brandOwner/partyName	M	
21		Brand Owner GLN	brandOwner/gln	M	

Core Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
22	Height with UoM	Package Height	height & measurementUnitCode	M	
23	Depth with UoM	Package Depth	depth & measurementUnitCode	M	
24	Width with UoM	Package Width	width & measurementUnitCode	M	
25	Cube with UoM	In Box Cube Dimension	inBoxCubeDimension & measurementUnitCode	C	Required at least one level in the hierarchy
26	Gross Weight with UoM	Package Weight	grossWeight & measurementUnitCode	M	If Item is Ordered or Shipped at this Packaging Level
27	Net Weight with UoM	Net Weight	netWeight & measurementUnitCode	M	At all levels except Pallet
28	Drained Weight	Drained Weight with UoM	drainedWeight & measurementUnitCode	R	
29	Is Item the Base Unit (Lowest Packaging Level)	Item is the Lowest Packaging Level	isTradeItemABaseUnit	M	
30	Is Trade Item Shipping Unit?	Item is Shipped/Despatched at this Packaging Level	isTradeItemADespatchUnit	M	
31	Is Trade Item Consumer Unit?	Item is Sold to the Consumer	isTradeItemAConsumerUnit	M	
32	Is Trade Item Invoice Unit?	Item is Invoiced at this Packaging Level	isTradeItemAnInvoiceUnit	M	
33	Is Trade Item Orderable?	Item is Ordered at this Packaging Level	isTradeItemAnOrderableUnit	M	
34	Is Packaging marked as Returnable?	Packaging is Returnable	isPackagingMarkedReturnable	M	
35	Catch Weight	Packaging Can Vary/Is Trade Item A Variable Unit	isTradeItemAVariableUnit	M	
36	Is the Item marked with a Batch/Lot Number?	Has Batch Number	hasBatchNumber	R	
37	Is the Item marked as recyclable?	Is Trade Item Marked As Recyclable	isTradeItemMarkedAsRecyclable	R	
38	Are non-sold items returnable?	Is Non Sold Trade Item Returnable	isNonSoldTradeItemReturnable	R	
39	Item Availability Date	Market Availability Date	startAvailabilityDateTime	M	
40	Effective Date of Change	Information Effective Date	effectiveDateTime	M	
41		First Order Date	firstOrderDateTime	R	
42		First Ship Date	firstShipDateTime	R	
43		Cancelled Date Time	cancelledDateTime	R	
44	Shelf Life	Minimum Trade Item Lifespan From Time Of Production	minimumTradeItemLifespanFromTimeOfProduction	M	Required at the Highest Below Pallet level
45		Minimum Trade Item Lifespan From Time Of Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	Preferred at the lowest level

Core Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
46	Storage Temperature Max and Min with UoM	Storage Temp From	temperatureQualifierCode(STORAGE_HANDLING) & minimumTemperature & temperatureMeasurementUnitCode	M	
47		Storage Temp To	temperatureQualifierCode(STORAGE_HANDLING) & maximumTemperature & temperatureMeasurementUnitCode		
48	Pallet Ti and Pallet Hi	Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	M	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
49		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet		
50		Layers Per Pallet	quantityOfCompleteLayersContainedInATradeItem		
51		Items Per Pallet Layer	quantityOfTradeItemsContainedInACompleteLayer		
52	Quantity of Next Lower Package Level	Quantity of Next Level	totalQuantityOfNextLowerLevelTradeItem	C	Use this for Unit Quantity if Lower Level Packaging exists and has GTIN
53	Quantity of Inner Packs	Quantity Of Inner Pack	quantityOfInnerPack	C	Use this for Unit Quantity if Lower Level Packaging exists with no GTIN/ Must be filled if Case is the lowest level
54	Item in Inner Pack Quantity (No GTIN Assigned)	Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	C	
55	Pack Size Text	Shipping Container Quantity Description	shippingContainerQuantityDescription	R	
56	Net Content with UoM	Net Content	netContent & measurementUnitCode	R	
57	Individual Unit Measures	Individual Unit Minimum	individualUnitMinimumSize & measurementUnitCode	R	Required if Case is the lowest level
58		Individual Unit Maximum	individualUnitMaximumSize & measurementUnitCode	M	
59		Minimum Order Quantity	orderQuantityMinimum	R	
60		Order Quantity Maximum	orderQuantityMaximum	R	
61		Order Sizing Factor and UOM	orderQuantityMaximum & measurementUnitCode	R	
62		Trade Item Contact Information	tradeItemContactInformation/contactTypeCode & contactName & contactAddress & targetMarketCommunicationChannel/communicationChannelCode & communicationValue	R	
63		Packaging Information	packaging/packagingTypeCode & platformTypeCode & packagingMaterial/packagingMaterialTypeCode	R	
64		Brand Distribution Type Code	brandDistributionTypeCode	R	
65		Brand Distribution Trade Item Type	brandDistributionTradeItemTypeCode	R	

Core Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
66		Coupon Family Code	couponFamilyCode	R	
67		Additional Trade Item Classification	AdditionalTradeItemClassificationCodeListCode & additionalTradeItemClassificationCodeValue	R	
68		Preliminary Item Status Code	preliminaryItemStatusCode	R	
69	Traceability regulation (FSMA 204)	Regulatory Information with Act FSMA 204	regulationTypeCode(TRACEABILITY_REGULATION) & regulatoryAct(FSMA 204)	R	
70	Prop 65	Regulatory Information with Prop 65	regulationTypeCode(PROP_65) & regulatoryActComplianceLevelCode	R	
71	BPA Regulations	Regulatory Information with BPA Regulation	regulationTypeCode(BPA_REGULATION) & regulatoryActComplianceLevelCode	R	

Publishing additional attributes to IMA via the GDSN

IMA will accept additional attributes if made available through the GDSN. The additional attributes have been broken into two subsets of data including Marketing and Nutrition. Each subset of data has minimum requirements for publication. Please refer to appendix A to review the requirements.

Appendix A

Marketing:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Manufacturer Expanded Product Description	Additional Description	additionalTradeltemDescription	M	
2	Consumer Storage and Usage Information	Consumer Storage Instructions	consumerStorageInstructions	M	Required at the Highest Below Pallet level
3		Consumer Usage Instructions	consumerUsageInstructions	R	
4		Trade Item Feature Benefi	tradeltemFeatureBenefit	C	Required if Trade Item Marketing Message is not present
5		Trade Item Marketing Message	tradeltemMarketingMessage	M	Required at the Highest Below Pallet level
6	Diet Type Information	Diet Type	dietTypeCode	R	All valid code values are accepted ORGNIC; KOSHER; HALAL; VEGAN; DIABETIC; COELIAC; PALEO etc
7			dietTypeSubcode	R	
8		Diet Certifications	dietCertification/CertificationInformation/certificationValue & certificationAgency & certificationStandard & certificationEffectiveStartDate & certificationEffectiveEndDate & certificationIdentification	R	
9	Preparation Serving Container	Preparation Type	preparationInstructions	M	At least one record with Preparation Type, Preparation Instructions and Serving Suggestions stated in Preparation Serving container is required for Food Products at the Highest Below Pallet or the Lowest level
10		Preparation and Cooking Suggestions	preparationTypeCode	M	
11		Serving Suggestions	servingsuggestion	M	
12		Package Marks Environment/Packaging Marked Label Accreditation Code	packagingMarkedLabelAccreditationCode	R	All valid code values are accepted FAIR_TRADE_MARK, MARINE_STEWARDSHIP_COUNCIL_LABEL, USDA etc
13		Seasonal Item	isTradeltemSeasonal	R	

Marketing Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
14	Farming And Processing Information	Growing Method Code	growingMethodCode	R	All valid code values are accepted CLONED_FOODS, FARM_RAISED, FREE_RANGE, HUMANELY_RAISED, ORGANIC, SHADE_GROWN etc
15		Genetically Modified Declaration Code	geneticallyModifiedDeclarationCode	R	
16		Farming Code	organicProductPlaceOfFarmingCode	R	
17		organicProductPlaceOfFarming Code	OrganicClaim/organicTradeItemCode & organicClaimAgencyCode	R	
18		OrganicCertification	OrganicCertification/organicCertificationIdentification & organicCertificationEffectiveEndDateTime & organicCertificationStartEndDateTime	R	
19		Order UOM	orderingUnitOfMeasure	R	
20		Selling UOM	sellingUnitOfMeasure	R	
21		End Availability Date Time	endAvailabilityDateTime	R	
22		Discontinued Date	discontinuedDateTime	R	

Nutrition:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes	
1	Allergen Relevant Data Provided	Allergen Relevant Data Provided	isAllergenRelevantDataProvided	R		
2	Allergens	Allergen Agency	allergenSpecificationAgency	R		
3	Allergens	Allergen Regulation Name	allergenSpecificationName	R		
4	Allergens	Milk	allergenTypeCode(AM) & levelOfContainmentCode	M	Mandatory if isAllergenRelevantDataProvided is not Yes/true	
5	Allergens	Eggs	allergenTypeCode(AE) & levelOfContainmentCode	M		
6	Allergens	Fish	allergenTypeCode(AF) & levelOfContainmentCode	M		
7	Allergens	Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	M		
8	Allergens	Tree Nuts	allergenTypeCode(AN) & levelOfContainmentCode	M		
9	Allergens	Peanuts	allergenTypeCode(AP) & levelOfContainmentCode	M		
10	Allergens	Wheat	allergenTypeCode(UW) & levelOfContainmentCode	M		
11	Allergens	Soy	allergenTypeCode(AY) & levelOfContainmentCode	M		
12	Allergens	Sesame	allergenTypeCode(AS) & levelOfContainmentCode	M		
13	Allergens	Molluscs	allergenTypeCode(UM) & levelOfContainmentCode	M		
14	Allergens	Shellfish	allergenTypeCode(UN) & levelOfContainmentCode	M		
15	Ingredients	Ingredient Statement	ingredientStatement	M		
16		Sub Ingredients	ingredientSequence & ingredientName	R		
17	Nutrient Relevant Data Provided	Is Nutrient Relevant Data Provided	isNutrientRelevantDataProvided	R		If provided value is Yes product passes Nutrients audit
18	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 value are used for FDA Nutrition Facts Panel Pre-2020	
19	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Preparation State	preparationStateCode	M		
20		Basis Type Code	nutrientBasisQuantityTypeCode	R		
21		Basis Quantity	nutrientBasisQuantity & measurementUnitCode	R		
22		Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M		
23		Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
24	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Biotin	nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
25		Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
26		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
27		Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
28		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
29		Carbohydrates (g)	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
30		Carbohydrates % RDI	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
31		Chloride (mg)	nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
32		Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
33		Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
34		Cholesterol % RDI	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
35		Chromium (mcg)	nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
36		Chromium % RDI	nutrientTypeCode(CR) & dailyValueIntakePercent	R	
37		Copper (mg)	nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
38		Copper % RDI	nutrientTypeCode(CU) & dailyValueIntakePercent	R	
39		Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
40		Folate % RDI	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
41	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Insoluble Fibre (g)	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
42		Iron (mg)	nutrientTypeCode(IE) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
43		Iron % RDI	nutrientTypeCode(IE) & dailyValueIntakePercent	M	
44		Magnesium (mg)	nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
45		Magnesium % RDI	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
46		Manganese (mg)	nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
47		Manganese % RDI	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
48		Molybdenum (mcg)	nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
49		Molybdenum % RDI	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
50		Monounsaturated Fat (g)	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
51		Niacin (mg)	nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
52		Niacin % RDI	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	
53		Other Carbohydrates (g)	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
54		Other Carbohydrates %RDI	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
55		Pantothenic (mg)	nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
56		Pantothenic % RDI	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
57		Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
58		Phosphorous % RDI	nutrientTypeCode(P) & dailyValueIntakePercent	R	
59		Polyunsaturated Fat (g)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
60	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
61		Potassium % RDI	nutrientTypeCode(K) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
62		Protein (g)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
63		Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
64		Riboflavin % RDI	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
65		Saturated Fat (g)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
66		Saturated Fat % RDI	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	
67		Selenium (mcg)	nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
68		Selenium % RDI	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
69		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
70		Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	M	
71		Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
72		Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
73		Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
74		Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
75		Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M	
76		Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
77		Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	M	
78	Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M		

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
79	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
80		Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
81		Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
82		Transfatty Acids (g)	nutrientTypeCode(FATR) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
83		Vitamin A (IU)	nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
84		Vitamin A IU % RDI	nutrientTypeCode(VITA-) & dailyValueIntakePercent	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel
85		Vitamin B12 (mcg)	nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
86		Vitamin B12 % RDI	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
87		Vitamin B6 (mg)	nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
88		Vitamin B6 % RDI	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	
89		Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
90		Vitamin C % RDI	nutrientTypeCode(VITC-) & dailyValueIntakePercent	M	Mandatory for Pre-2020 FDA Nutrition Facts Panel
91		Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for 2020 FDA Nutrition Facts Panel
92		Vitamin D % RDI	nutrientTypeCode(VITD-) & dailyValueIntakePercent	M	Mandatory for 2020 FDA Nutrition Facts Panel
93		Vitamin E (mg)	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
94		Vitamin E % RDI	nutrientTypeCode(VITE-) & dailyValueIntakePercent	R	
95		Vitamin K (mcg)	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
96		Vitamin K % RDI	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
97		Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
98		Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
99		Number Of Servings Per Package	numberOfServingsPerPackage	M	Mandatory at the lowest level for food products
100		Number Of Servings Per Package Measurement Precision Code	numberOfServingsPerPackageMeasurementPrecisionCode	R	
101		Nutritional Claim Description	claimDescription	R	
102	Nutritional Claim Detail	Nutritional Claims	claimTypeCode & claimElementCode & claimMarkedOnPackage	R	All Valid combinations of codes are accepted
103		Antibiotic Free	claimTypeCode(FREE_FROM) & claimElementCode(ANTIBIOTICS) & claimMarkedOnPackage	R	
104		Low Calorie	claimTypeCode(LOW) & claimElementCode(CALORIE) & claimMarkedOnPackage	R	
105		Reduced Calorie	claimTypeCode(REduced_LESS) & claimElementCode(CALORIE) & claimMarkedOnPackage	R	
106		Zero Calorie	claimTypeCode(FREE_FROM) & claimElementCode(CALORIE) & claimMarkedOnPackage	R	
107		Cholesterol Free	claimTypeCode(FREE_FROM) & claimElementCode(CHOLESTEROL) & claimMarkedOnPackage	R	
108		Low Cholesterol	claimTypeCode(LOW) & claimElementCode(CHOLESTEROL) & claimMarkedOnPackage	R	
109		Dairy Free	claimTypeCode(FREE_FROM) & claimElementCode(DAIRY) & claimMarkedOnPackage	R	
110		Fat Free	claimTypeCode(FREE_FROM) & claimElementCode(FAT) & claimMarkedOnPackage	R	
111		Reduced Fat	claimTypeCode(REduced_LESS) & claimElementCode(FAT) & claimMarkedOnPackage	R	
112		Low Fat	claimTypeCode(LOW) & claimElementCode(FAT) & claimMarkedOnPackage	R	
113		Trans Fat Status	claimTypeCode(FREE_FROM) & claimElementCode(TRANS_FAT) & claimMarkedOnPackage	R	
114		Lactose Free	claimTypeCode(FREE_FROM) & claimElementCode(LACTOSE) & claimMarkedOnPackage	R	
115		Natural	claimTypeCode(NATURAL) & claimMarkedOnPackage	R	
116		Sodium Free	claimTypeCode(FREE_FROM) & claimElementCode(SODIUM_SALT) & claimMarkedOnPackage	R	
117	Reduced Sodium	claimTypeCode(REduced_LESS) & claimElementCode(SODIUM_SALT) & claimMarkedOnPackage	R		

Nutrition Continued:

Attributes #	Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
118	Nutritional Claim Detail	Low Sodium	claimTypeCode(LOW) & claimElementCode(SODIUM_SALT) & claimMarkedOnPackage	R	
119		No Sugar Added	claimTypeCode(NO_ADDED) & claimElementCode(SUGARS) & claimMarkedOnPackage	R	
120		Made with Whole Grains	claimTypeCode(MADE_WITH) & claimElementCode(WHOLE_GRAIN) & claimMarkedOnPackage	R	
121		No Artificial Colors	claimTypeCode(FREE_FROM) & claimElementCode(ARTIFICIAL_COLOUR) & claimMarkedOnPackage	R	
122		No Artificial Flavors	claimTypeCode(FREE_FROM) & claimElementCode(ARTIFICIAL_FLAVOUR) & claimMarkedOnPackage	R	
123		No Preservatives Added	claimTypeCode(NO_ADDED) & claimElementCode(PRESERVATIVES) & claimMarkedOnPackage	R	
124		Free from MSG	claimTypeCode(NO_ADDED) & claimElementCode(MSG) & claimMarkedOnPackage	R	
125		No MSG Added	claimTypeCode(NO_ADDED) & claimElementCode(MSG) & claimMarkedOnPackage	R	
126		No Nitrates Added	claimTypeCode(NO_ADDED) & claimElementCode(NITRATE) & claimMarkedOnPackage	R	
127		Child nutrition label	Nutrition Label Type Code	nutritionalLabelTypeCode (1)	R
128	Child Nutrition label		childNutritionProductIdentification & childNutritionExpirationDateTime & childNutritionLabelStatement & childNutritionQualifierCode & childNutritionQualifiedValue & childNutritionValue & referencedFileTypeCode(CHILD_NUTRITION_LABEL) & uniformResourceIdentifier & fileFormatName & fileName & fileEffectiveStartDateTime	R	