



# IMA

## GDSN Implementation Guide

Version 1.8
April, 2022

## 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 Syndigi 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 Meassures | Individual Unit Minimum | individualUnitMinimumSize & measurementUnitCode | R | |
| 58 | | Individual Unit Maximum | individualUnitMaximumSize & measurementUnitCode | M | Required if Case is the lowest level |
| 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 (AVP) | brandDistributionTradeItemType(AVP) | 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 | |

## 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 | additionalTradeItemDescription | 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 | tradeItemFeatureBenefit | C | Required if Trade Item Marketing Message is not present |
| 5 | | Trade Item Marketing Message | tradeItemMarketingMessage | 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 | isTradeItemSeasonal | 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 | | Package Marks Free From | packageMarksFreeFrom | R | |
| 20 | | Order UOM | orderingUnitOfMeasure | R | |
| 21 | | Selling UOM | sellingUnitOfMeasure | R | |
| 22 | | End Availability Date Time | endAvailabilityDateTime | R | |
| 23 | | 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 | M | If provided value is Yes product passes Allergen audit |
| 2 | Allergens | Allergen Agency | allergenSpecificationAgency | M | M if any Allergens stated |
| 3 | Allergens | Allergen Regulation Name | allergenSpecificationName | M | M if any Allergens stated |
| 4 | Allergens | Milk | allergenTypeCode(AM) & levelOfContainmentCode | M | |
| 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 | Sesame | allergenTypeCode(AS) & levelOfContainmentCode | M | |
| 12 | Allergens | Soy | allergenTypeCode(AY) & levelOfContainmentCode | M | |
| 13 | Ingredients | Ingredient Statement | ingredientStatement | M | |
| 14 | | Sub Ingredients | ingredientSequence & ingredientName | R | |
| 15 | Nutrient Relevant Data Provided | Is Nutrient Relevant Data Provided | isNutrientRelevantDataProvided | R | If provided value is Yes product passes Nutritents audit |
| 16 | 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** |
| 17 | Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.) | Preparation State | preparationStateCode | M | |
| 18 | | Basis Type Code | nutrientBasisQuantityTypeCode | R | |
| 19 | | Basis Quantity | nutrientBasisQuantity & measurementUnitCode | R | |
| 20 | | Calories (Cal) | nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14) | M | |
| 21 | | 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 |
|---|---|---|---|---|---|
| 22 | Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.) | Biotin | nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 23 | | Biotin % RDI USA | nutrientTypeCode(BIOT) & dailyValueIntakePercent | R | |
| 24 | | Calcium (mg) | nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 25 | | Calcium % RDI USA | nutrientTypeCode(CA) & dailyValueIntakePercent | M | |
| 26 | | Calcium (mg) | nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | Mandatory for **2020 FDA** Nutrition Facts Panel |
| 27 | | Carbohydrates (g) | nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 28 | | Carbohydrates % RDI | nutrientTypeCode(CHO-) & dailyValueIntakePercent | M | |
| 29 | | Chloride (mg) | nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 30 | | Chloride % RDI USA | nutrientTypeCode(CLD) & dailyValueIntakePercent | R | |
| 31 | | Cholesterol (mg) | nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 32 | | Cholesterol % RDI | nutrientTypeCode(CHOL-) & dailyValueIntakePercent | M | |
| 33 | | Chromium (mcg) | nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 34 | | Chromium % RDI | nutrientTypeCode(CR) & dailyValueIntakePercent | R | |
| 35 | | Copper (mg) | nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 36 | | Copper % RDI | nutrientTypeCode(CU) & dailyValueIntakePercent | R | |
| 37 | | Folate (mcg) | nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 38 | | Folate % RDI | nutrientTypeCode(FOL-) & dailyValueIntakePercent | R | |

## Nutrition Continued:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|---|---|---|---|---|---|
| 39 | Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.) | Insoluble Fibre (g) | nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 40 | | Iron (mg) | nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | Mandatory for **2020 FDA** Nutrition Facts Panel |
| 41 | | Iron % RDI | nutrientTypeCode(FE) & dailyValueIntakePercent | M | |
| 42 | | Magnesium (mg) | nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 43 | | Magnesium % RDI | nutrientTypeCode(MG) & dailyValueIntakePercent | R | |
| 44 | | Manganese (mg) | nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 45 | | Manganese % RDI | nutrientTypeCode(MN) & dailyValueIntakePercent | R | |
| 46 | | Molybdenume (mcg) | nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 47 | | Molybdenume % RDI | nutrientTypeCode(MO) & dailyValueIntakePercent | R | |
| 48 | | Monounsaturated Fat (g) | nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 49 | | Niacin (mg) | nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 50 | | Niacin % RDI | nutrientTypeCode(NIA) & dailyValueIntakePercent | R | |
| 51 | | Other Carbohydrates (g) | nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 52 | | Other Carbohydrates %RDI | nutrientTypeCode(CHOAVL) & dailyValueIntakePercent | R | |
| 53 | | Pantothenic (mg) | nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 54 | | Pantothenic % RDI | nutrientTypeCode(PANTAC) & dailyValueIntakePercent | R | |
| 55 | | Phosphorous (mg) | nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 56 | | Phosphorous % RDI | nutrientTypeCode(P) & dailyValueIntakePercent | R | |
| 57 | | 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 |
|---|---|---|---|---|---|
| 58 | 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 |
| 59 | | Potassium % RDI | nutrientTypeCode(K) & dailyValueIntakePercent | M | Mandatory for **2020 FDA** Nutrition Facts Panel |
| 60 | | Protein (g) | nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 61 | | Riboflavin B2 (mg) | nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 62 | | Riboflavin % RDI | nutrientTypeCode(RIBF) & dailyValueIntakePercent | R | |
| 63 | | Saturated Fat (g) | nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 64 | | Saturated Fat % RDI | nutrientTypeCode(FASAT) & dailyValueIntakePercent | M | |
| 65 | | Selenium (mcg) | nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 66 | | Selenium % RDI | nutrientTypeCode(SE) & dailyValueIntakePercent | R | |
| 67 | | Sodium (mg) | nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 68 | | Sodium % RDI | nutrientTypeCode(NA) & dailyValueIntakePercent | M | |
| 69 | | Soluble Fiber (g) | nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 70 | | Thiamin | nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 71 | | Thiamin % RDI | nutrientTypeCode(THIA) & dailyValueIntakePercent | R | |
| 72 | | Total Dietary Fiber (g) | nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 73 | | Total Dietary Fiber % RDI | nutrientTypeCode(FIBTSW) & dailyValueIntakePercent | M | |
| 74 | | Total Fat (g) | nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 75 | | Total Fat % RDI | nutrientTypeCode(FAT) & dailyValueIntakePercent | M | |
| 76 | | 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 |
|---|---|---|---|---|---|
| 77 | 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 |
| 78 | | Added Sugar % RDI USA | nutrientTypeCode(SUGAD) & dailyValueIntakePercent | M | Mandatory for **2020 FDA** Nutrition Facts Panel |
| 79 | | Total Sugar % RDI | nutrientTypeCode(SUGAR-) & dailyValueIntakePercent | R | |
| 80 | | Transfatty Acids (g) | nutrientTypeCode(FATRN) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | |
| 81 | | Vitamin A (IU) | nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 82 | | Vitamin A IU % RDI | nutrientTypeCode(VITA-) & dailyValueIntakePercent | M | Mandatory for **Pre-2020** FDA Nutrition Facts Panel |
| 83 | | Vitamin B12 (mcg) | nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 84 | | Vitamin B12 % RDI | nutrientTypeCode(VITB12) & dailyValueIntakePercent | R | |
| 85 | | Vitamin B6 (mg) | nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 86 | | Vitamin B6 % RDI | nutrientTypeCode(VITB6-) & dailyValueIntakePercent | R | |
| 87 | | Vitamin C (mg) | nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 88 | | Vitamin C % RDI | nutrientTypeCode(VITC-) & dailyValueIntakePercent | M | Mandatory for **Pre-2020** FDA Nutrition Facts Panel |
| 89 | | Vitamin D (mcg) | nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode | M | Mandatory for **2020 FDA** Nutrition Facts Panel |
| 90 | | Vitamin D % RDI | nutrientTypeCode(VITD-) & dailyValueIntakePercent | M | Mandatory for **2020 FDA** Nutrition Facts Panel |
| 91 | | Vitamin E (mg) | nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 92 | | Vitamin E % RDI | nutrientTypeCode(VITE-) & dailyValueIntakePercent | R | |
| 93 | | Vitamin K (mcg) | nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 94 | | Vitamin K % RDI | nutrientTypeCode(VITK) & dailyValueIntakePercent | R | |
| 95 | | Zinc (mg) | nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode | R | |
| 96 | | Zinc % RDI USA | nutrientTypeCode(ZN) & dailyValueIntakePercent | R | |

## Nutrition Continued:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|---|---|---|---|---|---|
| 97 | | Number Of Servings Per Package | numberOfServingsPerPackage | M | Mandatory at the lowest level for food products |
| 98 | | Number Of Servings Per Package Measurement Precision Code | numberOfServingsPerPackageMeasurementPrecisionCode | R | |
| 99 | | Nutritional Claim Description | nutritionalClaim | R | |
| 100 | Nutritional Claim Detail | Nutritional Claims | nutritionalClaimTypeCode & nutritionalClaimNutrientElementCode & claimMarkedOnPackage | R | All Valid combinations of codes are accepted |
| 101 | | Antibiotic Free | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(ANTIBIOTICS) & claimMarkedOnPackage | R | |
| 102 | | Low Calorie | nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CALORIE) & claimMarkedOnPackage | R | |
| 103 | | Reduced Calorie | nutritionalClaimTypeCode(REDUCED_LESS) & nutritionalClaimNutrientElementCode(CALORIE) & claimMarkedOnPackage | R | |
| 104 | | Zero Calorie | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CALORIE) & claimMarkedOnPackage | R | |
| 105 | | Cholesterol Free | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(CHOLESTEROL) & claimMarkedOnPackage | R | |
| 106 | | Low Cholesterol | nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(CHOLESTEROL) & claimMarkedOnPackage | R | |
| 107 | | Dairy Free | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(DAIRY) & claimMarkedOnPackage | R | |
| 108 | | Fat Free | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(FAT) & claimMarkedOnPackage | R | |
| 109 | | Reduced Fat | nutritionalClaimTypeCode(REDUCED_LESS) & nutritionalClaimNutrientElementCode(FAT) & claimMarkedOnPackage | R | |
| 110 | | Low Fat | nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(FAT) & claimMarkedOnPackage | R | |
| 111 | | Trans Fat Status | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(TRANS_FAT) & claimMarkedOnPackage | R | |
| 112 | | Lactose Free | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(LACTOSE) & claimMarkedOnPackage | R | |
| 113 | | Natural | nutritionalClaimTypeCode(NATURAL) & claimMarkedOnPackage | R | |
| 114 | | Sodium Free | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(SODIUM_SALT) & claimMarkedOnPackage | R | |
| 115 | | Reduced Sodium | nutritionalClaimTypeCode(REDUCED_LESS) & nutritionalClaimNutrientElementCode(SODIUM_SALT) & claimMarkedOnPackage | R | |

## Nutrition Continued:

| Attributes # | Common Name | Unique Field Name | Global Data Dictionary Tag | Minimum Required For Publication | Notes |
|---|---|---|---|---|---|
| 116 | Nutritional Claim Detail | Low Sodium | nutritionalClaimTypeCode(LOW) & nutritionalClaimNutrientElementCode(SODIUM_SALT) & claimMarkedOnPackage | R | |
| 117 | | No Sugar Added | nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(SUGARS) & claimMarkedOnPackage | R | |
| 118 | | Made with Whole Grains | nutritionalClaimTypeCode(MADE_WITH) & nutritionalClaimNutrientElementCode(WHOLE_GRAIN) & claimMarkedOnPackage | R | |
| 119 | | No Artificial Colors | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(ARTIFICIAL_COLOUR) & claimMarkedOnPackage | R | |
| 120 | | No Artificial Flavors | nutritionalClaimTypeCode(FREE_FROM) & nutritionalClaimNutrientElementCode(ARTIFICIAL_FLAVOUR) & claimMarkedOnPackage | R | |
| 121 | | No Preservatives Added | nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(PRESERVATIVES) & claimMarkedOnPackage | R | |
| 122 | | Free from MSG | nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(MSG) & claimMarkedOnPackage | R | |
| 123 | | No MSG Added | nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(MSG) & claimMarkedOnPackage | R | |
| 124 | | No Nitrates Added | nutritionalClaimTypeCode(NO_ADDED) & nutritionalClaimNutrientElementCode(NITRATE) & claimMarkedOnPackage | R | |
| 125 | Child nutrition label | Nutrition Label Type Code | nutritionalLabelTypeCode (1) | R | Child Nutrition |
| 126 | | Child Nutrition label | childNutritionProductIdentification & childNutritionExpirationDateTime & childNutritionLabelStatement & childNutritionQualifierCode & childNutritionQualifiedValue & childNutritionValue & referencedFileTypeCode(CHILD_NUTRITION_LABEL) & uniformResourceIdentifier & fileFormatName & fileName & fileEffectiveStartDateTime | R | |