

Foodbuy/Compass Group

Data Synchronization Implementation Guide

Version 2.2
February 2025

Foodbuy/Compass Group – Data Sync Profile

Primary Contact

ProductData@Compass-USA.com

Foodbuy/Compass Group GLN – Publish To

Production: 0886721000006

Foodbuy/Compass Group Data Sync Environment

Data Pool: Syndigo

Publications

Suppliers should publish their existing catalog of items available for Foodbuy or Compass customers to purchase to Foodbuy/Compass Group.

Catalogue Item Confirmations (CIC's)

Foodbuy/Compass Group will automatically return a CIC within hours of the Supplier publishing to Foodbuy/Compass Group. Foodbuy/Compass Group makes use of the CIC as follows:

Received

This is the default response you will receive for each item processed by Foodbuy/Compass Group.

Review

A REVIEW message will be provided for items that have required attributes missing or Foodbuy/Compass Group suspect may contain errors in the attributes.

Synchronize

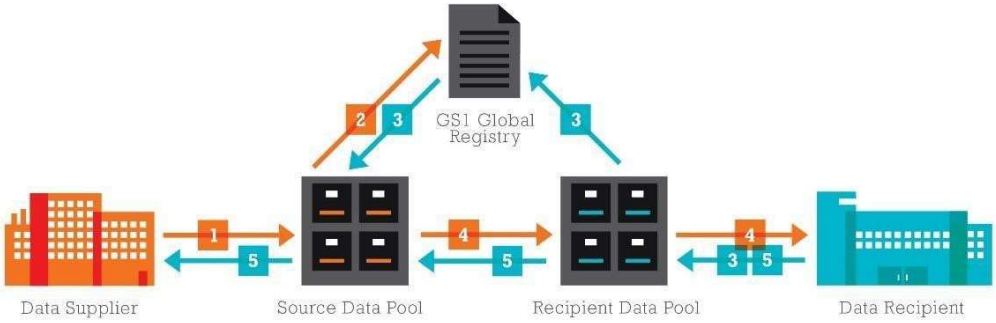
A SYNC message will be provided for items with all Foodbuy/Compass Group required fields present.

Reject

Foodbuy/Compass Group has no plans to utilize this type of message.

Overview of Supplier Implementation with Foodbuy/Compass Group

Data Synchronization is the electronic transfer of standardized **product** and **location** information between trading partners and the continuous synchronization of that data over time. The Global Data Synchronization Network (GDSN) is an automated, standards based global environment that enables secure and continuous data synchronization, allowing all partners to have consistent item data in their systems at the same time.



Foodbuy's goal is to establish Global Data Synchronization Network (GDSN) as the preferred method of item setup and maintenance leading to improved efficiencies and item accuracy. Our objectives include developing a scalable and repeatable supplier onboarding program that provides a positive experience for all of Foodbuy/Compass Group's supplier community.

General Outline

Suppliers will normally follow five high-level steps in their implementation with Foodbuy/Compass Group:

A. Initiate the GDSN relationship.
B. Understand Compass Group's Attribute Requirements
C. Load your accurate item data into your GDSN data pool and ensure it is ready for publication
D. Publish and synchronize all existing items sold to Foodbuy/Compass Group as well as your entire item catalog
E. Receive a CIC Message from Foodbuy/Compass Group

These steps are detailed in the next section.

Supplier Steps to Implement GDSN with Foodbuy/Compass Group

A. Initiate

1. Review the attribute requirement information in this document to ensure that you have the required attributes populated.
2. Send an email to productdata@compass-usa.com with your organization's GLN and intent to establish a subscription for publication.
3. Foodbuy/Compass Group will prepare an Item List Report of the items currently carried by Foodbuy/Compass Group as necessary.
4. Foodbuy/Compass Group will create a subscription for your Information Provider GLN.

5. Compass Group will send an email to the supplier's primary data synchronization contact when they are ready for the first publications.

B. Understand the Attribute Requirements

6. Foodbuy/Compass Group is utilizing and requiring all recommended GS1 US Foodservice Initiative attributes. Foodbuy/Compass Group strongly recommends organizing, loading and sending these attributes via the GDSN as soon as possible.

    - A list of the GS1 Foodservice Initiative attributes can be found on the GS1 Website under 'Foodservice GS1 US GDSN Attribute Guide': GS1 US Guidance for Sharing Product Attributes via GDSN in Retail Grocery
    - A full listing of the Foodbuy/Compass Group attributes can be found below in Appendix A

7. All mandatory attributes are required at the case level and below. If a product is sold to Foodbuy/Compass Group at a packaging level above the case, all mandatory attributes are required at that packaging level above the case down to the lowest level of packaging.

C. Load Items

8. Load all items into your GDSN Data Pool and publish to Foodbuy/Compass Group.

    - Contact your data pool for any education you might require to complete this step.

D. Publish Items

9. Foodbuy/Compass Group is requesting you publish all items in your catalog, not just your items sold currently to Foodbuy/Compass Group
10. Items can be sent with a Publication Type of "New Load" or "Initial Load", Foodbuy/Compass Group will process them the same way.

E. CIC Message Responses

11. Received

    - This is the default response you will receive for each item processed by Foodbuy/Compass Group.

12. Review

    - REVIEW message will be provided for items that have required attributes missing or Foodbuy/Compass Group suspect may contain errors in the attributes.

13. Synchronize

    - A SYNC message will be provided for items with all Foodbuy/Compass Group required fields present.

14. Reject

    - Foodbuy/Compass Group has no plans to utilize this type of message.

Image Requirements

4 High Resolution images are requested, 5 if internal packaging exists. All images should utilize GS1 approved file naming conventions.

Out of Package. Product should be removed from its case in a raw or uncooked state.

Raw = GTIN_C1CC

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- C = Raw/Uncooked

Glamour Shot. A plated, staged, prepared, or styled shot of the product 'in use'.

Beauty Shot = GTIN_C1CD

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- D = Prepared

Internal Packaging. Product removed from the case while in its internal packaging (no image necessary if internal packaging does not exist)

Package = GTIN_C1CB

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- B = Inner Pack (as it would appear inside its packaging inside the case)

Opened Case. Photo of the opened case showing the secondary packaging inside

Case = GTIN_C1CA

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front
- C = Angle Identifier of Center
- A = Case (as It would appear to the operator upon delivery)

Unopened Case. Photo of the unopened case

Open Case = GTIN_C1CM

- C = Single Shot; Single Product (Hi-Resolution)
- 1 = Facing Indicator of Front

- C = Angle Identifier of Center
- M = Open Case (as it would look when an operator receives the product and opens the case)

Image & Attachment Notes:

1. Within the Foodbuy/Compass Group's internal applications URLs will be displayed as images provided that:
   - The Information Type is one of: Product, Out-of-Box or Planogram, and
   - The File Format is one of: JPG, GIF, PNG, or BMP
2. URL's must be the complete and direct link to the image - e.g. http://www.mysite.com/images/image1234.png
3. URL's must be publicly accessible.
4. Images must be suitable for display in a web browser – format and resolution.
   a. A resolution of 500x500 is suggested.
5. The Image Description will be used as a caption.

Appendix A

Required Foodbuy Foodservice Product Attributes

Legend		
M = Subset of attributes required by Foodbuy to process your publication.	**R = Additional attributes requested by Foodbuy**	**C = Conditional**

Core:

Attributes #	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	Global Trade Item Number (GTIN)	gtin	M	
4	Bar Code / Data Carrier	Data Carrier Type Code	dataCarrierTypeCode	M	
5		GS1 Trade Item Identification Key Code	gs1TradeItemIdentificationKeyCode	C	Mandatory when dataCarrierTypeCode is not NO_BARCODE
6		UPC	gs1TradeItemIdentificationKeyValue	C	Mandatory when dataCarrierTypeCode is not NO_BARCODE
7	Unit Descriptor	Trade Item Unit	tradeItemUnitDescriptorCode	M	
8	Is Trade Item Orderable?	Item is Ordered at this Packaging Level	isTradeItemAnOrderableUnit	M	
9		Preliminary Item Status Code	preliminaryItemStatusCode	R	
10	Company Name (Brand Owner)	Brand Owner GLN	brandOwner/gln	M	
11		Brand Owner Name	brandOwner/partyName	M	
12	Company Name(Manufacturer)	Manufacturer GLN	manufacturerOfTradeItem/gln	M	
13		MFG Name	manufacturerOfTradeItem/partyName	M	
14	Company Name (Information Provider)	Information Provider GLN	informationProviderOfTradeItem/gln	M	
15		Info Provider	informationProviderOfTradeItem/partyName	M	
16	Manufacturer Product Number	Supplier Assigned Product Code	additionalTradeItemIdentificationTypeCode(SUPPLIER_ASSIGNED) & additionalTradeItemIdentification Value	M	

Core continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
17	Redistributor Product Code	Additional Trade Item Classification	additionalTradeItemIdentificationTypeCode(DISTRIBUTOR_ASSIGNED) & additionalTradeItemIdentification Value	R	
18		Brand Distribution Type	brandDistributionTypeCode	R	
19	Manufacturer Short Product Description	Short Description	descriptionShort	M	
20	Product Name	Trade Item Description	tradeItemDescription	M	
21	Storage and Handling Temperatures	Temperature Minimum	temperatureQualifierCode(STORAGE_HANDLING) & temperatureMinimum & temperatureMeasurement	C	
22		Temperature Maximum	temperatureQualifierCode(STORAGE_HANDLING) & temperatureMaximum & temperatureMeasurement	C	
23	Trade Item Weights	Package Weight & UOM	grossWeight & measurementUnitCode	M	
24		Net Weight & UOM	netWeight & measurementUnitCode	M	
25		Drained Weight & UOM	drainedWeight & measurementUnitCode	R	
26	Catch Weight	Packaging Can Vary/Is Trade Item A Variable Unit	isTradeItemAVariableUnit	M	
27	Trade Item Measurements	Package Height & UOM	height & measurementUnitCode	M	
28		Package Width & UOM	width & measurementUnitCode	M	
29		PackageDepth & UOM	depth & measurementUnitCode	M	
30		In Box Cube Dimension & UOM	inBoxCubeDimension & measurementUnitCode	M	
31	Pallet Ti and Pallet Hi (Pallet GTIN)	Items Per Pallet Layer	quantityOfTradeItemsContainedInACompleteLayer	M	
32		Layers Per Pallet	quantityOfCompleteLayersContainedInATradeItem	M	

Core continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
33	Pallet Ti and Pallet Hi (Non-Pallet GTIN)	Quantity Of Trade Items Per Pallet Layer (NON-Pallet GTIN)	quantityOfTradeItemsPerPalletLayer	M	
34		Quantity Of Layers Per Pallet (NON-Pallet GTIN)	quantityOfLayersPerPallet	M	
35		Quantity Of Trade Items Per Pallet	quantityOfTradeItemsPerPallet	M	
36	Shelf Life	Minimum Trade Item Lifespan From Time Of Production	minimumTradeItemLifespanFromTimeOfProduction	R	
37		Minimum Trade Item Lifespan From Time Of Arrival	minimumTradeItemLifespanFromTimeOfArrival	R	
38	Item Availability Date	Market Availability Date	startAvailabilityDateTime	R	
39	Effective Date of Change	Information Effective Date	effectiveDateTime	M	
40	Is Trade Item Consumer Unit?	Item is Sold to the Consumer	isTradeItemAConsumerUnit	M	
41	Is Trade Item Shipping Unit?	Item is Shipped/Despatched at this Packaging Level	isTradeItemADespatchUnit	M	
42	Country Of Origin	Place of Product Activity	placeOfProductActivity/countryOfOrigin	M	
43	Is Trade Item Invoice Unit?	Item is Invoiced at this Packaging Level	isTradeItemAnInvoiceUnit	M	
44		Trade Item Date On Packaging Type Code	tradeItemDateOnPackagingTypeCode	R	
45	Is Item the Base Unit (Lowest Packaging Level)	Item is the Lowest Packaging Level	isTradeItemABaseUnit	M	
46	Is Packaging marked as Returnable?	Packaging is Returnable	isPackagingMarkedReturnable	M	
47	Is the Item marked with a Batch/Lot Number?	Has Batch Number	hasBatchNumber	R	

Core continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
48	Return Information	Is Non Sold Trade Item Returnable	isNonSoldTradeItemReturnable	R	
49	Is the Item marked as recyclable?	Is Trade Item Marked As Recyclable	isTradeItemMarkedAsRecyclable	R	
50	Target Market	Target Market Country Code	targetMarketCountryCode	M	
51	Functional Name	Functional Name	functionalName	M	
52	Global Product Classification (GPC)	GPC (Brick Code)	gpcCategoryCode	M	
53	GTIN of Next Higher Package Level	GTIN of Next Higher Package Level	parent GTIN	C	
54	GTIN of Next Lower Package Level	Name of Next Lower Package Level	child GTIN	C	
55	GTIN of Next Lower Package Level	quantityOfChildren	quantityOfChildren	C	
56	Pack Size Text	Shipping Container Quantity Description	shippingContainerQuantityDescription	R	
57	Quantity of Child GTIN Units	Qty of Next Lower Level	QuantityOfNextLowerLevelTradeItem	C	Mandatory if Lower Level Packaging exists and has GTIN
58	Inner Pack Quantity (No GTIN Assigned)	Quantity Of Inner Pack	quantityOfInnerPack	C	Mandatory if Lower Level Packaging exists with no GTIN
59	Item in Inner Pack Quantity (No GTIN Assigned)	Quantity Of Next Level Trade Item Within Inner Pack	quantityOfNextLevelTradeItemWithinInnerPack	C	Mandatory based on the presence of a child GTIN
60		Net Content & UOM	netContent & measurementUnitCode	C	
61		Individual Unit Minimum & UOM	individualUnitMinimumSize & measurementUnitCode	C	Mandatory at the highest below pallet if it is also lowest
62		Individual Unit Maximum & UOM	individualUnitMaximumSize & measurementUnitCode	C	Mandatory at the highest below pallet if it is also lowest
63		First Order Date	firstOrderDateTime	R	
64		First Ship Date	firstShipDateTime	R	

Core continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
65		Cancelled Date Time	cancelledDateTime	R	
66		Minimum Order Quantity	orderQuantityMinimum	R	
67		Order Quantity Maximum	orderQuantityMaximum	R	
68		Additional Trade Item Classification	additionalTradeItemClassificationSystemCode & AdditionalTradeItemClassificationValue	R	
69		Order Sizing Factor	orderSizingFactor & measurementUnitCode	R	
70		Coupon Family Code	couponFamilyCode	R	
71	For More Information (Contact Information)	For more information	contactTypeCode & availableTime & contactName & communicationNumber & communicationChannelCode & communicationValue	R	
72	Packaging Information	Packaging Information	packaging/platformTypeCode & packagingMaterialTypeCode & packagingRecyclingProcessType etc	R	

Marketing:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Storage & Usage	Consumer Storage Information	consumerStorageInstructions	R	
2		Consumer Usage Information	consumerUsageInstructions	R	
3	Preparation & Cooking Instructions	Prep & Cook Suggestions	preparationInstructions	R	
4		Preparation Type	preparationTypeCode	R	
5		Serving Suggestion	servingSuggestion	R	
6	Manufacturer Expanded Product Description	Additional Description	additionalTradeItemDescription	R	
7	Marketing Information	Trade Item Marketing Message	tradeItemMarketingMessage	C	
8		Trade Item Feature Benefit	tradeItemFeatureBenefit	C	
9	Diet Information	Diet Type Description	dietTypeDescription	R	
10		Diet Type Information	dietTypeCode & dietTypeSubcode etc	R	
11		Diet Certification	certificationAgency & certificationIdentification & certificationValue	R	
12		Growing Method Code	growingMethodCode	R	All valid code values are accepted CAGE_FREE; GRASS_FED; FREE_RANGE etc
13		Genetically Modified Declaration Code	geneticallyModifiedDeclarationCode	R	
14		Sustainability Feature Code	tradeItemSustainabilityFeatureCode(BIODEGRADABLE)	R	
15	Package Marks	Package Marks Environment/Packaging Marked Label Accreditation Code	PackagingMarkedLabelAccreditationCode	R	All valid code values are accepted AQUACULTURE_STEWARDSHIP_COUNCIL; MARINE_STEWARDSHIP_COUNCIL_LABEL etc
16		Package Marks Free From	packagingMarkedFreeFromCode	R	All valid code values are accepted FREE_FROM_BPA; FREE_FROM_ADDED_SULPHITES etc
17	Orgainic Information	Farming Code	organicProductPlaceOfFarmingCode	R	
18		Farming and Processing Organic Claim	organicTradeItemCode & organicClaimAgencyCode & organicClaimAgencyName & organicClaimAgencyTypeCode etc	R	

Marketing Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
19		End Availability Date Time	endAvailabilityDateTime	R	
20		Discontinued Date	discontinuedDateTime	R	
21		Order UOM	orderingUnitOfMeasure	C	Order UOM is required if Selling UOM is present
22		Selling UOM	sellingUnitOfMeasure	R	

Nutrition:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
1	Allergen Information	Allergen Relevant Data Provided	isAllergenRelevantDataProvided	C	Mandatory for Food items
2		Allergen Specification Agency	allergenSpecificationAgency	C	Mandatory if any Allergens stated
3		Allergen Specification Name	allergenSpecificationName	C	
4		Eggs	allergenTypeCode (AE) & levelOfContainmentCode	C	Mandatory for Food products at the Lowest level if isAllergenRelevantDataProvided is not Yes
5		Fish	allergenTypeCode (AF) & levelOfContainmentCode	C	
6		Milk	allergenTypeCode (AM) & levelOfContainmentCode	C	
7		Tree Nuts	allergenTypeCode (AN) & levelOfContainmentCode	C	
8		Peanuts	allergenTypeCode (AP) & levelOfContainmentCode	C	
9		Soybeans	allergenTypeCode (AY) & levelOfContainmentCode	C	
10		Molluscs	allergenTypeCode(UM) & levelOfContainmentCode	C	
11		Mustard	allergenTypeCode (BM) & levelOfContainmentCode	C	
12		Soybeans	allergenTypeCode (AY) & levelOfContainmentCode	C	
13		Wheat	allergenTypeCode(UW) & levelOfContainmentCode	C	
14		Sesame	allergenTypeCode(AS) & levelOfContainmentCode	C	
15		Sulphites	allergenTypeCode(AU) & levelOfContainmentCode	C	
16		Shellfish	allergenTypeCode(UN) & levelOfContainmentCode	R	
17		Crustacean	allergenTypeCode (AC) & levelOfContainmentCode	R	
18	Serving Quantity Information	Number of Servings Per Package	numberOfServingsPerPackage	C	Mandatory when Serving Size Description is not present
19		Number Of Servings Per Package Measurement Precision Code	numberOfServingsPerPackageMeasurementPrecisionCode	R	
20	Nutrition Fact Serving Size with UOM	Serving Size	servingSize & measurementUnitCode	M	
21	Serving Size Text	Serving Size Description	servingSizeDescription	C	Mandatory when Number Of Servings Per Package is not present
22		Servings Per Package Description	servingsPerPackageDescription	R	
23	Nutrient Relevant Data Provided	Nutrient Relevant Data Provided	isNutrientRelevantDataProvided	R	If provided value is Yes product passes Nutritents audit

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
25	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Preparation State	preparationStateCode	M	
26		Basis Type Code	nutrientBasisQuantityTypeCode	R	Mandatory for all foodservice items
27		Basis Quantity	nutrientBasisQuantity & measurementUnitCode	R	
28		Calories (Cal)	nutrientTypeCode(ENER-) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	
29		Calories from Fat (Cal)	nutrientTypeCode(ENERPF) & measurementPrecisionCode & quantityContained & measurementUnitCode(E14)	M	Mandatory for **Pre-2020** FDA Nutrition Facts Panel
30		Biotin	nutrientTypeCode(BIOT) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
31		Biotin % RDI USA	nutrientTypeCode(BIOT) & dailyValueIntakePercent	R	
32		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
33		Calcium % RDI USA	nutrientTypeCode(CA) & dailyValueIntakePercent	M	
34		Calcium (mg)	nutrientTypeCode(CA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for **2020 FDA** Nutrition Facts Panel
35		Carbohydrates (g)	nutrientTypeCode(CHO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
36		Carbohydrates % RDI	nutrientTypeCode(CHO-) & dailyValueIntakePercent	M	
37		Chloride (mg)	nutrientTypeCode(CLD) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
38		Chloride % RDI USA	nutrientTypeCode(CLD) & dailyValueIntakePercent	R	
39		Cholesterol (mg)	nutrientTypeCode(CHOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
40		Cholesterol % RDI	nutrientTypeCode(CHOL-) & dailyValueIntakePercent	M	
41		Chromium (mcg)	nutrientTypeCode(CR) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
42		Chromium % RDI	nutrientTypeCode(CR) & dailyValueIntakePercent	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
43	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Copper (mg)	nutrientTypeCode(CU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
44		Copper % RDI	nutrientTypeCode(CU) & dailyValueIntakePercent	R	
45		Folate (mcg)	nutrientTypeCode(FOL-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
46		Folate % RDI	nutrientTypeCode(FOL-) & dailyValueIntakePercent	R	
47		Insoluble Fibre (g)	nutrientTypeCode(FIBINS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
48		Iron (mg)	nutrientTypeCode(FE) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for **2020 FDA** Nutrition Facts Panel
49		Iron % RDI	nutrientTypeCode(FE) & dailyValueIntakePercent	M	
50		Magnesium (mg)	nutrientTypeCode(MG) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
51		Magnesium % RDI	nutrientTypeCode(MG) & dailyValueIntakePercent	R	
52		Manganese (mg)	nutrientTypeCode(MN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
53		Manganese % RDI	nutrientTypeCode(MN) & dailyValueIntakePercent	R	
54		Molybdenume (mcg)	nutrientTypeCode(MO) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
55		Molybdenume % RDI	nutrientTypeCode(MO) & dailyValueIntakePercent	R	
56		Monounsaturated Fat (g)	nutrientTypeCode(FAMS) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
57		Niacin (mg)	nutrientTypeCode(NIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	

Nutrition Continued:

Attributes #	GDSN 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.)	Niacin % RDI	nutrientTypeCode(NIA) & dailyValueIntakePercent	R	
59		Other Carbohydrates (g)	nutrientTypeCode(CHOAVL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
60		Other Carbohydrates %RDI	nutrientTypeCode(CHOAVL) & dailyValueIntakePercent	R	
61		Pantothenic (mg)	nutrientTypeCode(PANTAC) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
62		Pantothenic % RDI	nutrientTypeCode(PANTAC) & dailyValueIntakePercent	R	
63		Phosphorous (mg)	nutrientTypeCode(P) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
64		Phosphorous % RDI	nutrientTypeCode(P) & dailyValueIntakePercent	R	
65		Polyunsaturated Fat (g)	nutrientTypeCode(FAPU) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
66		Potassium (mg)	nutrientTypeCode(K) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for **2020 FDA** Nutrition Facts Panel
67		Potassium % RDI	nutrientTypeCode(K) & dailyValueIntakePercent	M	Mandatory for **2020 FDA** Nutrition Facts Panel
68		Protein (g)	nutrientTypeCode(PRO-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
69		Riboflavin B2 (mg)	nutrientTypeCode(RIBF) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
70		Riboflavin % RDI	nutrientTypeCode(RIBF) & dailyValueIntakePercent	R	
71		Saturated Fat (g)	nutrientTypeCode(FASAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
72		Saturated Fat % RDI	nutrientTypeCode(FASAT) & dailyValueIntakePercent	M	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
73	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Selenium (mcg)	nutrientTypeCode(SE) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
74		Selenium % RDI	nutrientTypeCode(SE) & dailyValueIntakePercent	R	
75		Sodium (mg)	nutrientTypeCode(NA) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
76		Sodium % RDI	nutrientTypeCode(NA) & dailyValueIntakePercent	M	
77		Soluble Fiber (g)	nutrientTypeCode(FIBSOL) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
78		Thiamin	nutrientTypeCode(THIA) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
79		Thiamin % RDI	nutrientTypeCode(THIA) & dailyValueIntakePercent	R	
80		Total Dietary Fiber (g)	nutrientTypeCode(FIBTSW) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
81		Total Dietary Fiber % RDI	nutrientTypeCode(FIBTSW) & dailyValueIntakePercent	M	
82		Total Fat (g)	nutrientTypeCode(FAT) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
83		Total Fat % RDI	nutrientTypeCode(FAT) & dailyValueIntakePercent	M	
84		Total Sugar (g)	nutrientTypeCode(SUGAR-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	
85		Added Sugar	nutrientTypeCode(SUGAD) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for **2020 FDA** Nutrition Facts Panel
86		Added Sugar % RDI USA	nutrientTypeCode(SUGAD) & dailyValueIntakePercent	M	Mandatory for **2020 FDA** Nutrition Facts Panel
87		Total Sugar % RDI	nutrientTypeCode(SUGAR-) & dailyValueIntakePercent	R	
88		Transfatty Acids (g)	nutrientTypeCode(FATRN) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
89	Nutrient Label contents and measures (Calories, Proteins, Fats, Sugars, etc.)	Vitamin A (IU)	nutrientTypeCode(VITA-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
90		Vitamin A IU % RDI	nutrientTypeCode(VITA-) & dailyValueIntakePercent	M	Mandatory for **Pre-2020** FDA Nutrition Facts Panel
91		Vitamin B12 (mcg)	nutrientTypeCode(VITB12) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
92		Vitamin B12 % RDI	nutrientTypeCode(VITB12) & dailyValueIntakePercent	R	
93		Vitamin B6 (mg)	nutrientTypeCode(VITB6-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
94		Vitamin B6 % RDI	nutrientTypeCode(VITB6-) & dailyValueIntakePercent	R	
95		Vitamin C (mg)	nutrientTypeCode(VITC-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
96		Vitamin C % RDI	nutrientTypeCode(VITC-) & dailyValueIntakePercent	M	Mandatory for **Pre-2020** FDA Nutrition Facts Panel
97		Vitamin D (mcg)	nutrientTypeCode(VITD-) & measurementPrecisionCode & quantityContained & measurementUnitCode	M	Mandatory for **2020 FDA** Nutrition Facts Panel
98		Vitamin D % RDI	nutrientTypeCode(VITD-) & dailyValueIntakePercent	M	Mandatory for **2020 FDA** Nutrition Facts Panel
99		Vitamin E (mg)	nutrientTypeCode(VITE-) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
100		Vitamin E % RDI	nutrientTypeCode(VITE-) & dailyValueIntakePercent	R	
101		Vitamin K (mcg)	nutrientTypeCode(VITK) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
102		Vitamin K % RDI	nutrientTypeCode(VITK) & dailyValueIntakePercent	R	
103		Zinc (mg)	nutrientTypeCode(ZN) & measurementPrecisionCode & quantityContained & measurementUnitCode	R	
104		Zinc % RDI USA	nutrientTypeCode(ZN) & dailyValueIntakePercent	R	
105		Nutrient Value Derivation Code	nutrientValueDerivationCode	R	

Nutrition Continued:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes
106		Nutrition Label Type	nutritionalLabelTypeCode	R	1 for The USDA Child Nutrition (CN) Labeling Program
107		Child Nutrition Information	childNutritionProductIdentification & childNutritionExpirationDateTime & childNutritionLabelStatement & childNutritionQualifierCode & childNutritionQualifiedValue & childNutritionValue & childNutritionLabelDocument	R	
108	Ingredient Information	Ingredients	ingredientStatement	M	
109		Sub Ingredients	ingredientSequence & ingredientName & ingredientPlaceOfActi vity	R	
110		Nutritional Claim Detail	nutritionalClaimTypeCode & nutritionalClaimNutrientElementCode & claimMarkedOnPackage	R	FREE_FROM FAT; LOW CHOLESTEROL; REDUCED_LESS SUGARS; NO_ADDED SODIUM_SALT
111		Nutritional Claim Description	nutritionalClaim	R	
112		Food Beverage Composition	foodBeverageCompositionCode & foodBeverageCompositionDatabaseCode & foodBeverageCompositionDescription	R	

Hazmat:

Attributes #	GDSN Common Name	Unique Field Name	Global Data Dictionary Tag	Minimum Required For Publication	Notes	CXH Portal
1		Is Dangerous Substance	isDangerousSubstance	R		R
2		Dangerous Goods Technical Name	dangerousGoodsTechnicalName	R		R
3		Material Safey Data Sheet Number	sDSSheetNumber	R		R
4		United Nations Dangerous Goods Number	unitedNationsDangerousGoodsNumber	R		R
5		Dangerous Goods Packing Group	dangerousGoodsPackingGroup	R		R
6		Class Of Dangerous Goods	classOfDangerousGoods	R		R
7		Regulatory Information	regulationTypeCode & regulatoryAct & regulatoryAgency & isTradeItemRegulationCompliant & isPackagingMarkedWith & regulatoryActComplianceLevelCode	R	regulationTypeCode = PROP_65 is preferable	R