**Machine Learning with Ingredient-Level Food Trees Reveals Contributors to Systemic Inflammation in the American Diet**

Chart, box and whisker chart

Description automatically generated

**Supplementary figure 1**. Comparison of DII scores in the bottom (T1) and top (T3) tertiles of CRP. Boxplots represent medians and interquartile range (IQR). T-test \*\*\* p = 1.3e-3

Diagram

Description automatically generated

**Supplementary figure 2.** Food-tree diversity with and without disaggregated mixed meal data. Shannon diversity was calculated within nine food group categories for the original food tree and the disaggregated (new) tree. Horizontal lines represent the median value of the density estimate. A paired t-test was used to compare differences in diversity across trees. Paired t-test \*\*\*: p < 2.2e-16, NS: non-significant.

**Supplementary table 1.** Model parameters for the three ML algorithms using food tree and DII datasets.

|  |  |  |  |
| --- | --- | --- | --- |
| Dataset | ML Classifier | | |
| Randomforest | XGBoost | Neural Network |
| Food\_Tree Diet | {'model\_\_n\_estimators': 200, 'model\_\_min\_samples\_split': 4, 'model\_\_max\_features': 'sqrt', 'model\_\_max\_depth': 9} | {'model\_\_subsample': 0.3, 'model\_\_n\_estimators': 100, 'model\_\_min\_child\_weight': 3, 'model\_\_max\_depth': 3, 'model\_\_learning\_rate': 0.05, 'model\_\_gamma': 0.0, 'model\_\_colsample\_bytree': 0.5} | {'units\_1': 240, 'learning\_rate': 0.001, 'tuner/epochs': 20, 'tuner/initial\_epoch': 0, 'tuner/bracket': 0, 'tuner/round': 0} |
| DII Diet | {'model\_\_n\_estimators': 700, 'model\_\_min\_samples\_split': 2, 'model\_\_max\_features': 'sqrt', 'model\_\_max\_depth': 3} | {'model\_\_subsample': 0.1, 'model\_\_n\_estimators': 600, 'model\_\_min\_child\_weight': 5, 'model\_\_max\_depth': 4, 'model\_\_learning\_rate': 0.3, 'model\_\_gamma': 0.1, 'model\_\_colsample\_bytree': 0.3} | {'units\_1': 240, 'learning\_rate': 0.001, 'tuner/epochs': 20, 'tuner/initial\_epoch': 0, 'tuner/bracket': 0, 'tuner/round': 0} |
| Food\_Tree Diet + COV1 | {'model\_\_n\_estimators': 200, 'model\_\_min\_samples\_split': 2, 'model\_\_max\_features': 'sqrt', 'model\_\_max\_depth': 9} | {'model\_\_subsample': 0.7, 'model\_\_n\_estimators': 200, 'model\_\_min\_child\_weight': 3, 'model\_\_max\_depth': 3, 'model\_\_learning\_rate': 0.05, 'model\_\_gamma': 0.4, 'model\_\_colsample\_bytree': 0.5} | {'units\_1': 128, 'learning\_rate': 0.01, 'tuner/epochs': 7, 'tuner/initial\_epoch': 0, 'tuner/bracket': 1, 'tuner/round': 0} |
| DII Diet + COV1 | {'model\_\_n\_estimators': 500, 'model\_\_min\_samples\_split': 3, 'model\_\_max\_features': 'sqrt', 'model\_\_max\_depth': 9} | {'model\_\_subsample': 0.9, 'model\_\_n\_estimators': 200, 'model\_\_min\_child\_weight': 3, 'model\_\_max\_depth': 4, 'model\_\_learning\_rate': 0.05, 'model\_\_gamma': 0.2, 'model\_\_colsample\_bytree': 0.7} | {'units\_1': 160, 'learning\_rate': 0.01, 'tuner/epochs': 7, 'tuner/initial\_epoch': 3, 'tuner/bracket': 2, 'tuner/round': 0} |

1COV = covariates included are age, sex, BMI, ethnicity, education, poverty income ratio, smoking status, diabetes, and hypertension.

**Supplementary table 2.** Food tree features from NHANES diet records. 566 features shown in the left column represent all ingredient level intakes for the lowest level. 17 food tree features were selected with TaxaHFE as the most informative level for predicting C-reactive protein.

|  |  |
| --- | --- |
| Food tree leaf nodes (566) | Food tree features selected with TaxaHFE (17) |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Milk\_fluid\_whole|L5\_Milk\_fluid\_whole|Milk\_whole\_325\_milkfat\_with\_added\_vitamin\_D | l1\_eggs |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Milk\_fluid\_2\_percent|L5\_Milk\_fluid\_2\_percent|Milk\_reduced\_fat\_fluid\_2\_milkfat\_with\_added\_vitamin\_A\_and\_vitamin\_D | l1\_meat\_poultry\_fish\_and\_mixtures |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Milk\_fluid\_1\_percent|L5\_Milk\_fluid\_1\_percent|Milk\_lowfat\_fluid\_1\_milkfat\_with\_added\_vitamin\_A\_and\_vitamin\_D | l2\_alcoholic\_beverages |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Milk\_fluid\_nonfat|L5\_Milk\_fluid\_nonfat|Milk\_nonfat\_fluid\_with\_added\_vitamin\_A\_and\_vitamin\_D\_fat\_free\_or\_skim | l2\_darkgreen\_vegetables |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Milk\_dry\_reconstituted|L5\_Milk\_dry\_reconstituted|Milk\_dry\_nonfat\_regular\_without\_added\_vitamin\_A\_and\_vitamin\_D | l2\_dried\_fruits |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Milk\_averaged\_fat|L5\_Milk\_averaged\_fat|Milk\_averaged\_fat\_with\_added\_vitamin\_A\_and\_D | l2\_fats |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Buttermilk|L5\_Buttermilk|Milk\_buttermilk\_fluid\_cultured\_lowfat | l2\_nonalcoholic\_beverages |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_cow|L4\_Chocolate\_milk|L5\_Chocolate\_milk|Milk\_chocolate\_fat\_free\_with\_added\_vitamin\_A\_and\_vitamin\_D | l2\_pastas\_cooked\_cereals |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_fluid\_imitation|L4\_Milk\_soy|L5\_Milk\_soy|Soymilk\_original\_and\_vanilla\_with\_added\_calcium\_vitamins\_A\_and\_D | l2\_seeds\_and\_seed\_mixtures |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_fluid\_imitation|L4\_Milk\_imitation|L5\_Milk\_imitation|Milk\_imitation\_nonsoy | l2\_tomatoes\_and\_tomato\_mixtures |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_fluid\_imitation|L4\_Milk\_almond|L5\_Milk\_almond|Beverages\_almond\_milk\_unsweetened\_shelf\_stable | l3\_milk\_cow |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_fluid\_imitation|L4\_Milk\_rice|L5\_Milk\_rice|Beverages\_rice\_milk\_unsweetened | l3\_other\_vegetables\_cooked |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Yogurt|L4\_Yogurt\_plain|L5\_Yogurt\_plain|Yogurt\_plain\_whole\_milk\_8\_grams\_protein\_per\_8\_ounce | l3\_white\_potatoes\_baked\_and\_boiled |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Yogurt|L4\_Yogurt\_frozen\_NS|L5\_Yogurt\_frozen\_NS|Frozen\_yogurts\_chocolate\_nonfat\_milk\_sweetened\_without\_sugar | l4\_canola\_oil |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Yogurt|L4\_Yogurt\_frozen\_flavored|L5\_Yogurt\_frozen\_flavored|Yogurt\_frozen\_flavors\_not\_chocolate\_nonfat\_milk\_with\_lowcalorie\_sweetener | l5\_carrots\_raw |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Yogurt|L4\_Yogurt\_greek|L5\_Yogurt\_greek|Yogurt\_Greek\_plain\_nonfat | l5\_garlic |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Yogurt|L4\_Yogurt\_kefir|L5\_Yogurt\_kefir|Kefir\_lowfat\_plain\_LIFEWAY | l5\_soy\_flour |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_goat|L4\_Milk\_goat|L5\_Milk\_goat|Milk\_goat\_fluid\_with\_added\_vitamin\_D |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Infant\_formulas\_fluid\_reconstituted|L4\_Infant\_formulas\_fluid\_reconstituted|L5\_Infant\_formulas\_fluid\_reconstituted|Beverages\_ABBOTT\_ENSURE\_PLUS\_readytodrink | |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Infant\_formulas\_fluid\_reconstituted|L4\_Infant\_formula\_fluit|L5\_Infant\_formula\_fluit|Child\_formula\_ABBOTT\_NUTRITION\_PEDIASURE\_readytofeed | |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_dry\_and\_powdered\_mixtures|L4\_Milk\_dry\_and\_powdered\_mixtures|L5\_Milk\_dry\_and\_powdered\_mixtures|Beverages\_Malted\_drink\_mix\_natural\_powder\_dairy\_based | |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_dry\_and\_powdered\_mixtures|L4\_Whey\_sweet\_dry|L5\_Whey\_sweet\_dry|Whey\_sweet\_dried |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Milks\_and\_milk\_drinks|L3\_Milk\_dry\_and\_powdered\_mixtures|L4\_Whey\_acid\_dry|L5\_Whey\_acid\_dry|Whey\_acid\_dried |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Creams\_and\_cream\_substitutes|L4\_Creams\_and\_cream\_substitutes|L5\_Creams\_and\_cream\_substitutes|Cream\_substitute\_liquid\_light | |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Sweet\_dairy\_cream|L4\_Cream\_light|L5\_Cream\_light|Cream\_fluid\_light\_coffee\_cream\_or\_table\_cream |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Sweet\_dairy\_cream|L4\_Cream\_half\_and\_half|L5\_Cream\_half\_and\_half|Cream\_fluid\_half\_and\_half |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Sweet\_dairy\_cream|L4\_Cream\_whipped\_light|L5\_Cream\_whipped\_light|Cream\_fluid\_light\_whipping |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Sweet\_dairy\_cream|L4\_Cream\_whipped\_heavy|L5\_Cream\_whipped\_heavy|Cream\_fluid\_heavy\_whipping |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Sweet\_dairy\_cream|L4\_Cream\_whipped\_pressurized|L5\_Cream\_whipped\_pressurized|Cream\_whipped\_cream\_topping\_pressurized | |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Cream\_substitutes|L4\_Cream\_substitutes|L5\_Cream\_substitutes|Cream\_substitute\_liquid\_with\_hydrogenated\_vegetable\_oil\_and\_soy\_protein | |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Cream\_substitutes|L4\_Whipped\_toppings|L5\_Whipped\_toppings|Whipped\_topping\_frozen\_low\_fat |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Cream\_substitutes|L4\_Cream\_substitutes\_powdered|L5\_Cream\_substitutes\_powdered|Cream\_substitute\_powdered |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Cream\_substitutes|L4\_Cream\_substitutes\_liquid|L5\_Cream\_substitutes\_liquid|Cream\_substitute\_flavored\_liquid |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Sour\_cream|L4\_Sour\_cream|L5\_Sour\_cream|Cream\_sour\_cultured |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Creams\_and\_cream\_substitutes|L3\_Sour\_cream|L4\_Sour\_cream\_reduced\_fat|L5\_Sour\_cream\_reduced\_fat|Sour\_cream\_reduced\_fat |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Milk\_desserts\_sauces\_gravies|L3\_Milk\_desserts\_frozen|L4\_Ice\_cream|L5\_Ice\_cream|Ice\_creams\_chocolate\_rich |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Milk\_desserts\_sauces\_gravies|L3\_Milk\_desserts\_frozen|L4\_Ice\_cream\_bar\_cone\_cake|L5\_Ice\_cream\_bar\_cone\_cake|Milk\_dessert\_bar\_frozen\_made\_from\_lowfat\_milk |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Milk\_desserts\_sauces\_gravies|L3\_Puddings\_custards\_and\_other\_milk|L4\_Pudding\_baby\_food|L5\_Pudding\_baby\_food|Babyfood\_dessert\_custard\_pudding\_vanilla\_strained | |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Blue\_or\_Rouquefort|Cheese\_blue |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Brick|Cheese\_brick |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Camembert\_or\_Brie|Cheese\_brie |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Cheddar\_Colby\_Feta\_Fontina\_Goat|Cheese\_cheddar |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Cheddar\_Colby\_Feta\_Fontina\_Goat|Cheese\_colby |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Cheddar\_Colby\_Feta\_Fontina\_Goat|Cheese\_feta |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Cheddar\_Colby\_Feta\_Fontina\_Goat|Cheese\_fontina |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Cheddar\_Colby\_Feta\_Fontina\_Goat|Cheese\_goat\_semisoft\_type |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Gouda\_Gruyere\_Edam|Cheese\_gouda |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Gouda\_Gruyere\_Edam|Cheese\_gruyere |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Limberger\_or\_Monterey|Cheese\_monterey |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Mozzarella\_or\_Muenster|Cheese\_mozzarella\_whole\_milk |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Mozzarella\_or\_Muenster|Cheese\_muenster |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Parmesan\_Port\_du\_Salut\_Provolone\_Romano|Cheese\_parmesan\_grated |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Parmesan\_Port\_du\_Salut\_Provolone\_Romano|Cheese\_romano |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Natural\_cheeses|L5\_Parmesan\_Port\_du\_Salut\_Provolone\_Romano|Cheese\_provolone |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Cheddar\_reduced\_sodium|L5\_Cheddar\_reduced\_sodium|Cheese\_lowsodium\_cheddar\_or\_colby |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Cheese\_Mexican\_blend|L5\_Cheese\_Mexican\_blend|Cheese\_Mexican\_blend\_reduced\_fat |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Natural\_cheeses|L4\_Queso\_cheeses|L5\_Queso\_cheeses|Cheese\_mexican\_queso\_anejo |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Cottage\_cheeses|L4\_Cottage\_chesses\_NFS|L5\_Cottage\_cheese\_or\_Ricotta|Cheese\_ricotta\_whole\_milk |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Cottage\_cheeses|L4\_Cottage\_chesses\_NFS|L5\_Cheese\_cottage\_dry\_or\_salted\_curd|Cheese\_cottage\_creamed\_large\_or\_small\_curd |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Cottage\_cheeses|L4\_Cottage\_chesses\_NFS|L5\_Cheese\_cottage\_lowfat|Cheese\_cottage\_lowfat\_2\_milkfat |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Cream\_cheeses|L4\_Cream\_cheeses|L5\_Cream\_cheeses|Cheese\_cream |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Processed\_cheeses\_and\_cheese\_spreads|L4\_Processed\_cheeses\_and\_cheese\_spreads|L5\_Processed\_cheeses\_and\_cheese\_spreads|Cheese\_spread\_pasteurized\_process\_American | |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Processed\_cheeses\_and\_cheese\_spreads|L4\_Cheese\_processed|L5\_Cheese\_processed|Cheese\_product\_pasteurized\_process\_American\_reduced\_fat\_fortified\_with\_vitamin\_D | |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Processed\_cheeses\_and\_cheese\_spreads|L4\_Cheese\_processed|L5\_Cheese\_American|Cheese\_pasteurized\_process\_American\_fortified\_with\_vitamin\_D |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Processed\_cheeses\_and\_cheese\_spreads|L4\_Cheese\_processed|L5\_Cheese\_Swiss|Cheese\_swiss |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Processed\_cheeses\_and\_cheese\_spreads|L4\_Cheese\_spread|L5\_Cheese\_spread|Cheese\_spread\_cream\_cheese\_base |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Cheese\_mixtures|L4\_Cheese\_dip\_or\_topping|L5\_Cheese\_dip\_or\_topping|Parmesan\_cheese\_topping\_fat\_free |  |
| L1\_Milk\_and\_Milk\_Products|L2\_Cheeses|L3\_Cheese\_mixtures|L4\_Cheese\_based\_sauce|L5\_Cheese\_based\_sauce|Cheese\_sauce\_prepared\_from\_recipe |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Beef\_NS|L4\_Beef\_NS|L5\_Beef\_NS|Roast\_beef\_deli\_style\_prepackaged\_sliced |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Beef\_NS|L4\_Beef\_NS|L5\_Beef\_NS\_cut|Beef\_retail\_cuts\_separable\_fat\_cooked |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Beef\_steak|L4\_Beef\_steak|L5\_Beef\_steak|Beef\_flank\_steak\_separable\_lean\_only\_trimmed\_to\_0\_fat\_choice\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Beef\_oxtails\_neckbones\_short\_ribs\_head|L4\_Beef\_oxtails\_neckbones\_short\_ribs\_head|L5\_Beef\_oxtails\_neckbones\_short\_ribs\_head|Beef\_rib\_shortribs\_separable\_lean\_and\_fat\_choice\_cooked\_braised | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Beef\_roasts\_stew\_meat\_corned\_beef\_beef\_brisket\_sandwich\_steaks|L4\_Beef\_roasts\_stew\_meat\_corned\_beef\_beef\_brisket\_sandwich\_steaks|L5\_Beef\_roasts\_stew\_meat\_corned\_beef\_beef\_brisket\_sandwich\_steaks|Beef\_cured\_corned\_beef\_brisket\_cooked | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Ground\_beef\_beef\_patties\_beef\_meatballs|L4\_Ground\_beef\_beef\_patties\_beef\_meatballs|L5\_Ground\_beef\_beef\_patties\_beef\_meatballs|Beef\_ground\_patties\_frozen\_cooked\_broiled | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Other\_beef\_items\_beef\_bacon\_dried\_beef\_pastrami|L4\_Other\_beef\_items\_beef\_bacon\_dried\_beef\_pastrami|L5\_Other\_beef\_items\_beef\_bacon\_dried\_beef\_pastrami|Beef\_cured\_pastrami | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Beef|L3\_Beef\_jerky|L4\_Beef\_jerky|L5\_Beef\_jerky|Beef\_cured\_dried |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Pork|L4\_Pork|L5\_Pork|Pork\_fresh\_separable\_fat\_cooked |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Pork\_NFS\_ground\_dehydrated|L4\_Pork\_NFS\_ground\_dehydrated|L5\_Pork\_NFS\_ground\_dehydrated|Snacks\_pork\_skins\_plain |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Pork\_chops|L4\_Pork\_chops|L5\_Pork\_chops|Pork\_fresh\_loin\_center\_rib\_chops\_bonein\_separable\_lean\_only\_cooked\_braised |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Pork\_steaks\_cutlets|L4\_Pork\_tenderloin|L5\_Pork\_tenderloin|Pork\_fresh\_leg\_ham\_whole\_separable\_lean\_and\_fat\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Pork\_steaks\_cutlets|L4\_Pork\_ribs|L5\_Pork\_ribs|Pork\_fresh\_spareribs\_separable\_lean\_and\_fat\_cooked\_braised |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Ham|L4\_Ham|L5\_Ham|Ham\_chopped\_not\_canned |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Ham|L4\_Ham\_smoked\_or\_cured|L5\_Ham\_smoked\_or\_cured|Pork\_cured\_ham\_boneless\_regular\_approximately\_11\_fat\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Ham|L4\_Ham\_smoked\_or\_cured\_ground|L5\_Ham\_smoked\_or\_cured\_ground|Pork\_fresh\_ground\_cooked |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Pork\_roasts|L4\_Pork\_roasts\_NS\_or\_loin|L5\_Pork\_roasts\_NS\_or\_loin|Pork\_fresh\_loin\_whole\_separable\_lean\_and\_fat\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Pork\_roasts|L4\_Pork\_roast\_shoulder\_cooked|L5\_Pork\_roast\_shoulder\_cooked|Pork\_fresh\_composite\_of\_trimmed\_retail\_cuts\_leg\_loin\_shoulder\_separable\_lean\_only\_raw | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Canadian\_bacon|L4\_Canadian\_bacon|L5\_Canadian\_bacon|Canadian\_bacon\_cooked\_panfried |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Bacon\_salt\_pork|L4\_Bacon\_salt\_pork|L5\_Bacon\_salt\_pork|Pork\_cured\_bacon\_presliced\_cooked\_panfried |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Bacon\_salt\_pork|L4\_Bacon\_NS|L5\_Bacon\_NS|Pork\_cured\_bacon\_unprepared |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Pork|L3\_Bacon\_salt\_pork|L4\_Salt\_pok\_fat\_back|L5\_Salt\_pok\_fat\_back|Pork\_fresh\_backfat\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Lamb\_and\_goat|L4\_Lamb\_chop\_loin\_shoulder|L5\_Lamb\_chop\_loin\_shoulder|Lamb\_domestic\_composite\_of\_trimmed\_retail\_cuts\_separable\_lean\_and\_fat\_trimmed\_to\_14\_fat\_choice\_cooked | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Lamb\_and\_goat|L4\_Lamb\_ribs\_hocks|L5\_Lamb\_ribs\_hocks|Lamb\_domestic\_rib\_separable\_lean\_and\_fat\_trimmed\_to\_14\_fat\_choice\_cooked\_broiled | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Lamb\_and\_goat|L4\_Lamb\_roast|L5\_Lamb\_roast|Lamb\_domestic\_leg\_whole\_shank\_and\_sirloin\_separable\_lean\_and\_fat\_trimmed\_to\_14\_fat\_choice\_cooked\_roasted | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Lamb\_and\_goat|L4\_Lamb\_ground|L5\_Lamb\_ground|Lamb\_ground\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Lamb\_and\_goat|L4\_Goat\_NS\_cooked|L5\_Goat\_NS\_cooked|Game\_meat\_goat\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Veal|L4\_Veal\_NS\_chop\_or\_cutlet|L5\_Veal\_NS\_chop\_or\_cutlet|Veal\_composite\_of\_trimmed\_retail\_cuts\_separable\_lean\_and\_fat\_cooked | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Veal|L4\_Veal\_ground\_or\_patty|L5\_Veal\_ground\_or\_patty|Veal\_ground\_cooked\_broiled |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Veal|L4\_Veal\_leg|L5\_Veal\_leg|Veal\_leg\_top\_round\_separable\_lean\_and\_fat\_cooked\_braised |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Veal|L4\_Veal\_loin\_shoulder|L5\_Veal\_loin\_shoulder|Veal\_loin\_separable\_lean\_and\_fat\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Game|L4\_Rabit\_NS|L5\_Rabit\_NS|Game\_meat\_rabbit\_domesticated\_composite\_of\_cuts\_cooked\_stewed |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Game|L4\_Large\_game|L5\_Venisondeer\_NS\_cooked|Game\_meat\_deer\_ground\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Game|L4\_Large\_game|L5\_Moose\_or\_bear|Game\_meat\_bear\_cooked\_simmered |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Game|L4\_Large\_game|L5\_Bison|Game\_meat\_bison\_separable\_lean\_only\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Game|L4\_Hog\_opossum\_squirrel\_beaver\_raccoon|L5\_Hog\_opossum\_squirrel\_beaver\_raccoon|Game\_meat\_squirrel\_cooked\_roasted | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Lamb\_veal\_game\_other|L3\_Game|L4\_Armadillo\_wild\_pig|L5\_Armadillo\_wild\_pig|Game\_meat\_boar\_wild\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken|L5\_Chicken|Chicken\_cornish\_game\_hens\_meat\_and\_skin\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_NS\_as\_to\_part|L5\_Chicken\_NS\_as\_to\_part|Chicken\_broilers\_or\_fryers\_meat\_only\_stewed |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_breast|L5\_Chicken\_breast|Chicken\_broiler\_rotisserie\_BBQ\_breast\_meat\_only |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_drumstick|L5\_Chicken\_drumstick|Chicken\_broilers\_or\_fryers\_drumstick\_meat\_and\_skin\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_thigh|L5\_Chicken\_thigh|Chicken\_broilers\_or\_fryers\_thigh\_meat\_and\_skin\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_wing|L5\_Chicken\_wing|Chicken\_broilers\_or\_fryers\_wing\_meat\_and\_skin\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_back|L5\_Chicken\_back|Chicken\_broilers\_or\_fryers\_back\_meat\_and\_skin\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_neck\_or\_ribs|L5\_Chicken\_neck\_or\_ribs|Chicken\_broilers\_or\_fryers\_meat\_and\_skin\_and\_giblets\_and\_neck\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Chicken|L4\_Chicken\_other\_part\_or\_processed|L5\_Chicken\_other\_part\_or\_processed|Chicken\_broilers\_or\_fryers\_giblets\_cooked\_simmered |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Turkey|L4\_Turkey|L5\_Turkey|Turkey\_whole\_meat\_and\_skin\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Turkey|L4\_Turkey\_NS|L5\_Turkey\_NS\_light\_or\_dark\_meat|Turkey\_enhanced\_dark\_meat\_meat\_only\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Turkey|L4\_Turkey\_NS|L5\_Turkey\_drumstick\_or\_thigh|Turkey\_all\_classes\_leg\_meat\_and\_skin\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Turkey|L4\_Turkey\_NS|L5\_Turkey\_wing|Turkey\_all\_classes\_wing\_meat\_and\_skin\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Turkey|L4\_Turkey\_NS|L5\_Turkey\_tail\_or\_back|Turkey\_back\_from\_whole\_bird\_enhanced\_meat\_and\_skin\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Duck|L4\_Duck|L5\_Duck|Duck\_domesticated\_meat\_and\_skin\_cooked\_roasted |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Poultry|L3\_Other\_poultry|L4\_Other\_poultry|L5\_Other\_poultry|Quail\_cooked\_total\_edible |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Organ\_meats\_sausages\_and\_lunchmeats|L3\_Organ\_meats\_and\_mixtures|L4\_Liver|L5\_Liver|Pate\_chicken\_liver\_canned |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Organ\_meats\_sausages\_and\_lunchmeats|L3\_Organ\_meats\_and\_mixtures|L4\_Liver|L5\_Liver\_NS|Beef\_variety\_meats\_and\_byproducts\_liver\_cooked\_braised |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Organ\_meats\_sausages\_and\_lunchmeats|L3\_Organ\_meats\_and\_mixtures|L4\_Liver|L5\_Liver\_NS|Chicken\_liver\_all\_classes\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Organ\_meats\_sausages\_and\_lunchmeats|L3\_Organ\_meats\_and\_mixtures|L4\_Other\_variety\_meats|L5\_Other\_variety\_meats|Pork\_fresh\_variety\_meats\_and\_byproducts\_chitterlings\_cooked\_simmered | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Organ\_meats\_sausages\_and\_lunchmeats|L3\_Frankfurters\_sausages\_lunchmeats\_meat\_spreads|L4\_Frankfurters|L5\_Frankfurters|Frankfurter\_beef\_unheated |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Organ\_meats\_sausages\_and\_lunchmeats|L3\_Frankfurters\_sausages\_lunchmeats\_meat\_spreads|L4\_Sausages|L5\_Sausages|Braunschweiger\_a\_liver\_sausage\_pork | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Organ\_meats\_sausages\_and\_lunchmeats|L3\_Frankfurters\_sausages\_lunchmeats\_meat\_spreads|L4\_Luncheon\_meats|L5\_Reduced\_sodium\_luncheon\_meats|REDUCED\_SODIUM\_Ham\_sliced\_prepackaged\_deli\_meat\_96fat\_free\_water\_added | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Finfish\_NS|Fish\_whitefish\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Carp|Fish\_carp\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Catfish|Fish\_catfish\_channel\_farmed\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Cod|Fish\_cod\_Atlantic\_cooked\_dry\_heat |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Croaker|Fish\_croaker\_Atlantic\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Eel|Fish\_eel\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Flounder|Fish\_flatfish\_flounder\_and\_sole\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Haddock|Fish\_haddock\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Halibut|Fish\_halibut\_Atlantic\_and\_Pacific\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Herring|Fish\_herring\_Atlantic\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Mackerel|Fish\_mackerel\_Atlantic\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Mullet|Fish\_mullet\_striped\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Ocean\_perch|Fish\_ocean\_perch\_Atlantic\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Perch|Fish\_perch\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Pike|Fish\_pike\_northern\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Pompano|Fish\_pompano\_florida\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Snapper|Fish\_snapper\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Salmon|Fish\_salmon\_chinook\_smoked |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Scup|Fish\_scup\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Sardines|Fish\_sardine\_Atlantic\_canned\_in\_oil\_drained\_solids\_with\_bone |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Sea\_bass|Fish\_sea\_bass\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Shark|Fish\_shark\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Sturgeon|Fish\_sturgeon\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Swordfish|Fish\_swordfish\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Trout|Fish\_trout\_rainbow\_farmed\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Tuna\_fresh|Fish\_tuna\_fresh\_yellowfin\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Tuna\_canned|Fish\_tuna\_light\_canned\_in\_water\_drained\_solids |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Whiting|Fish\_whiting\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Tilapia|Fish\_tilapia\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Finfish|L4\_Finfish\_NS|L5\_Pollock|Fish\_pollock\_Alaska\_raw\_may\_have\_been\_previously\_frozen |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Other\_seafood|L4\_Other\_seafood\_NS|L5\_Frog|Frog\_legs\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Other\_seafood|L4\_Other\_seafood\_NS|L5\_Octopus|Mollusks\_octopus\_common\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Other\_seafood|L4\_Other\_seafood\_NS|L5\_Roe\_shad|Fish\_caviar\_black\_and\_red\_granular |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Other\_seafood|L4\_Other\_seafood\_NS|L5\_Roe\_herring|Fish\_roe\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Other\_seafood|L4\_Other\_seafood\_NS|L5\_Squid|Mollusks\_squid\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Other\_seafood|L4\_Other\_seafood\_NS|L5\_Turtle|Turtle\_green\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Clams|Mollusks\_clam\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Crab\_hard\_shell|Crustaceans\_crab\_blue\_cooked\_moist\_heat |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Crab\_imitation|Crustaceans\_crab\_alaska\_king\_imitation\_made\_from\_surimi |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Crayfish|Crustaceans\_crayfish\_mixed\_species\_wild\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Lobster|Crustaceans\_lobster\_northern\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Mussels|Mollusks\_mussel\_blue\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Oysters|Mollusks\_oyster\_eastern\_wild\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Scallops|Mollusks\_scallop\_mixed\_species\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Shrimp|Crustaceans\_shrimp\_mixed\_species\_raw\_may\_have\_been\_previously\_frozen |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Fish\_and\_shellfish|L3\_Shellfish|L4\_Shellfish\_NS|L5\_Snails|Mollusks\_snail\_raw |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Frozen\_and\_shelfstable\_plate\_meals\_soups\_and\_gravies|L3\_Soups\_broths\_extracts\_from\_meat\_poultry\_fish\_base|L4\_Beef\_soups|L5\_Beef\_soups|Soup\_beef\_broth\_lessreduced\_sodium\_ready\_to\_serve | |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Meat\_alternatives|L3\_Beef\_meatless|L4\_Beef\_meatless|L5\_Beef\_meatless|Sausage\_meatless |  |
| L1\_Meat\_Poultry\_Fish\_and\_Mixtures|L2\_Meat\_alternatives|L3\_Vegetarian\_filets|L4\_Vegetarian\_filets|L5\_Vegetarian\_filets|Vegetarian\_fillets |  |
| L1\_Eggs|L2\_Eggs|L3\_Chicken\_eggs|L4\_Egg\_whole\_or\_white|L5\_Egg\_whole\_or\_white|Egg\_whole\_raw\_fresh |  |
| L1\_Eggs|L2\_Eggs|L3\_Chicken\_eggs|L4\_Egg\_yolk\_only|L5\_Egg\_yolk\_only|Egg\_yolk\_raw\_fresh |  |
| L1\_Eggs|L2\_Egg\_mixtures|L3\_Egg\_dishes\_made\_with\_whole\_eggs|L4\_Egg\_omelet\_or\_scrambled|L5\_Egg\_omelet\_or\_scrambled|Egg\_whole\_cooked\_poached |  |
| L1\_Eggs|L2\_Egg\_substitutes|L3\_Egg\_substitutes|L4\_Egg\_substitutes|L5\_Egg\_substitutes|Egg\_substitute\_liquid\_or\_frozen\_fat\_free |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Beans\_NS\_to\_type|Beans\_yellow\_mature\_seeds\_cooked\_boiled\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_White\_or\_NS|Beans\_great\_northern\_mature\_seeds\_canned |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Black\_beans|Beans\_black\_mature\_seeds\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Pink\_beans|Beans\_pink\_mature\_seeds\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Pinto\_calico\_or\_red\_Mexican\_beans|Beans\_pinto\_mature\_seeds\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Pinto\_calico\_or\_red\_Mexican\_beans|Beans\_pinto\_mature\_seeds\_canned\_solids\_and\_liquids\_low\_sodium | |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Pinto\_calico\_or\_red\_Mexican\_beans|Refried\_beans\_canned\_traditional\_style\_includes\_USDA\_commodity | |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Chickpeas|Chickpeas\_garbanzo\_beans\_bengal\_gram\_mature\_seeds\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Red\_kidney\_beans|Beans\_kidney\_all\_types\_mature\_seeds\_cooked\_boiled\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Red\_kidney\_beans|Beans\_kidney\_red\_mature\_seeds\_canned\_solids\_and\_liquids |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Soybeans|Soybeans\_mature\_seeds\_sprouted\_cooked\_steamed |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Mung\_beans|Mung\_beans\_mature\_seeds\_sprouted\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Snap\_beans|Beans\_snap\_yellow\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Fava\_beans|Broadbeans\_fava\_beans\_mature\_seeds\_cooked\_boiled\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans|L4\_Beans\_NS\_to\_type|L5\_Lima\_beans|Lima\_beans\_immature\_seeds\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans\_mixtures|L4\_Beans\_mixtures|L5\_Baked\_beans|Beans\_baked\_canned\_plain\_or\_vegetarian |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Beans\_mixtures|L4\_Mixed\_bean\_dishes|L5\_Chili|Chili\_with\_beans\_canned |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Peas\_or\_lentils|L4\_Peas\_or\_lentils|L5\_Peas\_or\_lentils|Lentils\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Peas\_or\_lentils|L4\_Roasted\_pea\_snacks|L5\_Roasted\_pea\_snacks|Snacks\_peas\_roasted\_wasabiflavored |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Peas\_or\_lentils|L4\_Peas\_cowpeas|L5\_Peas\_cowpeas|Cowpeas\_blackeyes\_immature\_seeds\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Peas\_or\_lentils|L4\_Peas\_green|L5\_Peas\_green|Peas\_ediblepodded\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Peas\_or\_lentils|L4\_Pigeon\_peas|L5\_Pigeon\_peas|Pigeonpeas\_immature\_seeds\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Soybean\_derived\_products\_excluding\_milks|L4\_Soybean\_derived\_products|L5\_Miso|Miso |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Soybean\_derived\_products\_excluding\_milks|L4\_Soybean\_derived\_products|L5\_Natto|Natto |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Soybean\_derived\_products\_excluding\_milks|L4\_Soybean\_derived\_products|L5\_Soy\_flour|Soy\_flour\_fullfat\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Soybean\_derived\_products\_excluding\_milks|L4\_Soybean\_derived\_products|L5\_Tofu|Tofu\_soft\_prepared\_with\_calcium\_sulfate\_and\_magnesium\_chloride\_nigari | |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Legumes|L3\_Soybean\_derived\_products\_excluding\_milks|L4\_Textured\_vegetable\_protein|L5\_Textured\_vegetable\_protein|Bacon\_meatless |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Nuts\_NFS|L5\_Almonds|Nuts\_almonds |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Nuts\_NFS|L5\_Brazil\_nuts|Nuts\_brazilnuts\_dried\_unblanched |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Nuts\_NFS|L5\_Cashew\_nuts|Nuts\_cashew\_nuts\_dry\_roasted\_without\_salt\_added |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Nuts\_NFS|L5\_Chestnuts|Nuts\_chestnuts\_european\_roasted |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Nuts\_NFS|L5\_Hazelnuts|Nuts\_hazelnuts\_or\_filberts |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Nuts\_NFS|L5\_Macadamia\_nuts|Nuts\_macadamia\_nuts\_dry\_roasted\_with\_salt\_added |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Mixed\_nuts\_NFS|L5\_Peanuts|Peanuts\_all\_types\_raw |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Mixed\_nuts\_NFS|L5\_Pecans|Nuts\_pecans |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Mixed\_nuts\_NFS|L5\_Pine\_nuts|Nuts\_pine\_nuts\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Mixed\_nuts\_NFS|L5\_Pistachio\_nuts|Nuts\_pistachio\_nuts\_dry\_roasted\_without\_salt\_added |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Mixed\_nuts\_NFS|L5\_Walnuts|Nuts\_walnuts\_black\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nuts|L4\_Mixed\_nuts\_NFS|L5\_Peanut\_flour|Peanut\_flour\_defatted |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nut\_butters|L4\_Nut\_butters|L5\_Almond\_butter|Nuts\_almond\_butter\_plain\_with\_salt\_added |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nut\_butters|L4\_Nut\_butters|L5\_Cashew\_butter|Nuts\_cashew\_butter\_plain\_with\_salt\_added |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Nuts\_nut\_butters\_and\_nut\_mixtures|L3\_Nut\_butters|L4\_Nut\_butters|L5\_Peanut\_butter|Peanut\_butter\_smooth\_style\_with\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Seeds\_and\_seed\_mixtures|L3\_Seeds|L4\_Seeds\_NS|L5\_Pumpkin|Seeds\_pumpkin\_and\_squash\_seed\_kernels\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Seeds\_and\_seed\_mixtures|L3\_Seeds|L4\_Seeds\_NS|L5\_Sunflower|Seeds\_sunflower\_seed\_kernels\_dry\_roasted\_without\_salt |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Seeds\_and\_seed\_mixtures|L3\_Seeds|L4\_Seeds\_NS|L5\_Sesame\_seeds|Seeds\_sesame\_seeds\_whole\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Seeds\_and\_seed\_mixtures|L3\_Seeds|L4\_Seeds\_NS|L5\_Flax\_seeds|Seeds\_flaxseed |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Seeds\_and\_seed\_mixtures|L3\_Seeds|L4\_Seeds\_NS|L5\_Tahini|Seeds\_sesame\_butter\_tahini\_from\_roasted\_and\_toasted\_kernels\_most\_common\_type | |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Carob\_products|L3\_Carob\_powder\_flour|L4\_Carob\_powder\_flour|L5\_Carob\_powder\_flour|Carob\_flour |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Carob\_products|L3\_Carob\_chips\_syrup|L4\_Carob\_chips\_syrup|L5\_Carob\_chips\_syrup|Candies\_carob\_unsweetened |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_basil\_dried|L5\_Spices\_basil\_dried|Spices\_basil\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_caraway\_seed|L5\_Spices\_caraway\_seed|Spices\_caraway\_seed |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_celery\_seed|L5\_Spices\_celery\_seed|Spices\_celery\_seed |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_chili\_powder|L5\_Spices\_chili\_powder|Spices\_chili\_powder |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_cinnamon\_ground|L5\_Spices\_cinnamon\_ground|Spices\_cinnamon\_ground |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_cloves\_ground|L5\_Spices\_cloves\_ground|Spices\_cloves\_ground |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_coriander\_leaf\_dried|L5\_Spices\_coriander\_leaf\_dried|Spices\_coriander\_leaf\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_cumin\_seed|L5\_Spices\_cumin\_seed|Spices\_cumin\_seed |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_curry\_powder|L5\_Spices\_curry\_powder|Spices\_curry\_powder |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_garlic\_powder|L5\_Spices\_garlic\_powder|Spices\_garlic\_powder |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_ginger\_ground|L5\_Spices\_ginger\_ground|Spices\_ginger\_ground |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_marjoram\_dried|L5\_Spices\_marjoram\_dried|Spices\_marjoram\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_mustard\_seed\_ground|L5\_Spices\_mustard\_seed\_ground|Spices\_mustard\_seed\_ground |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_nutmeg\_ground|L5\_Spices\_nutmeg\_ground|Spices\_nutmeg\_ground |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_onion\_powder|L5\_Spices\_onion\_powder|Spices\_onion\_powder |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_oregano\_dried|L5\_Spices\_oregano\_dried|Spices\_oregano\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_paprika|L5\_Spices\_paprika|Spices\_paprika |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_parsley\_dried|L5\_Spices\_parsley\_dried|Spices\_parsley\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_pepper\_black|L5\_Spices\_pepper\_black|Spices\_pepper\_black |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_pepper\_red\_or\_cayenne|L5\_Spices\_pepper\_red\_or\_cayenne|Spices\_pepper\_red\_or\_cayenne |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_poultry\_seasoning|L5\_Spices\_poultry\_seasoning|Spices\_poultry\_seasoning |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_pumpkin\_pie\_spice|L5\_Spices\_pumpkin\_pie\_spice|Spices\_pumpkin\_pie\_spice |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_sage\_ground|L5\_Spices\_sage\_ground|Spices\_sage\_ground |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_thyme\_dried|L5\_Spices\_thyme\_dried|Spices\_thyme\_dried |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Spices\_NS|L3\_Spices|L4\_Spices\_turmeric\_ground|L5\_Spices\_turmeric\_ground|Spices\_turmeric\_ground |  |
| L1\_Beans\_Peas\_Other\_Legumes\_Nuts\_and\_Seeds|L2\_Chocolate|L3\_Baking\_chocolate\_unsweetened|L4\_Baking\_chocolate\_unsweetened|L5\_Baking\_chocolate\_unsweetened|Baking\_chocolate\_unsweetened\_squares | |
| L1\_Grain\_Product|L2\_Flour\_and\_dry\_mixes|L3\_Wheat\_flour|L4\_Wheat\_flour|L5\_Wheat\_flour|Wheat\_flour\_wholegrain |  |
| L1\_Grain\_Product|L2\_Quick\_breads|L3\_Cornbread\_corn\_muffins\_tortillas|L4\_Cornbreads|L5\_Corn\_flour|Corn\_flour\_masa\_enriched\_white |  |
| L1\_Grain\_Product|L2\_Cakes\_cookies\_pies\_pastries\_bars|L3\_Bars|L4\_Cereal\_bars\_granola\_bars|L5\_Cereal\_bars\_granola\_bars|Breakfast\_bar\_corn\_flake\_crust\_with\_fruit |  |
| L1\_Grain\_Product|L2\_Crackers\_and\_salty\_snacks\_from\_grain|L3\_Nonsweet\_crackers|L4\_Crackers\_baby\_food|L5\_Crackers\_baby\_food|Babyfood\_teething\_biscuits |  |
| L1\_Grain\_Product|L2\_Crackers\_and\_salty\_snacks\_from\_grain|L3\_Salty\_snacks\_from\_grain\_products|L4\_Salty\_snacks\_from\_grain\_products|L5\_Popcorn|Snacks\_popcorn\_airpopped |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Pastas|L4\_Pastas|L5\_Pastas|Pasta\_dry\_enriched |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Pastas|L4\_Macaroni|L5\_Macaroni\_cooked\_vegetable|Macaroni\_vegetable\_enriched\_cooked |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Pastas|L4\_Noodles|L5\_Noodles|Noodles\_egg\_dry\_enriched |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Pastas|L4\_Noodles|L5\_Noodles\_cooked|Noodles\_egg\_enriched\_cooked |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Pastas|L4\_Noodles|L5\_Noodles\_cooked\_spinach|Noodles\_egg\_spinach\_enriched\_cooked |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Pastas|L4\_Noodles|L5\_Chow\_mein\_or\_long\_rice\_noodles|Noodles\_chinese\_chow\_mein |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Pastas|L4\_Spaghetti|L5\_Spaghetti\_whole\_wheat|Pasta\_wholewheat\_cooked |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Cooked\_cereals\_rice|L4\_White\_rice|L5\_White\_rice|Rice\_white\_longgrain\_regular\_raw\_enriched |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Cooked\_cereals\_rice|L4\_Brown\_rice|L5\_Brown\_rice|Rice\_brown\_longgrain\_raw |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Cooked\_cereals\_rice|L4\_Wild\_rice|L5\_Wild\_rice|Wild\_rice\_raw |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Cereal\_cooked\_barley\_or\_buckwheat|L4\_Cereal\_cooked\_barley\_or\_buckwheat|L5\_Cereal\_cooked\_barley\_or\_buckwheat|Barley\_pearled\_raw |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Grits\_cooked\_cornmeal\_or\_cornstarch|L4\_Grits\_cooked\_cornmeal\_or\_cornstarch|L5\_Grits\_cooked\_cornmeal\_or\_cornstarch|Cereals\_corn\_grits\_white\_regular\_and\_quick\_enriched\_dry | |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Millet|L4\_Millet|L5\_Millet|Millet\_cooked |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Oatmeal|L4\_Oatmeal|L5\_Oatmeal|Cereals\_oats\_regular\_and\_quick\_not\_fortified\_dry |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Quinoa|L4\_Quinoa|L5\_Quinoa|Quinoa\_cooked |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Wheat\_cream\_of\_bulgur\_couscous|L4\_Wheat\_cream\_of\_bulgur\_couscous|L5\_Wheat\_cream\_of\_bulgur\_couscous|Bulgur\_dry |  |
| L1\_Grain\_Product|L2\_Pastas\_cooked\_cereals|L3\_Oat\_bran|L4\_Oat\_bran|L5\_Oat\_bran|Oat\_bran\_raw |  |
| L1\_Grain\_Product|L2\_Cereals\_not\_cooked\_or\_NS\_as\_to\_cooked|L3\_Ready\_to\_eat\_cereals|L4\_Ready\_to\_eat\_cereals|L5\_Ready\_to\_eat\_cereals|Cereals\_readytoeat\_wheat\_germ\_toasted\_plain |  |
| L1\_Grain\_Product|L2\_Cereals\_not\_cooked\_or\_NS\_as\_to\_cooked|L3\_Cereal\_grains\_not\_cooked|L4\_Rice\_flour|L5\_Rice\_flour|Rice\_flour\_white\_unenriched |  |
| L1\_Grain\_Product|L2\_Cereals\_not\_cooked\_or\_NS\_as\_to\_cooked|L3\_Cereal\_grains\_not\_cooked|L4\_Rye\_flour|L5\_Rye\_flour|Rye\_flour\_medium |  |
| L1\_Grain\_Product|L2\_Cereals\_not\_cooked\_or\_NS\_as\_to\_cooked|L3\_Cereals\_baby\_food|L4\_Cereals\_baby\_food|L5\_Cereals\_baby\_food|Babyfood\_cereal\_Rice\_dry\_fortified |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruits|L4\_Citrus\_fruits|L5\_Grapefruit|Grapefruit\_raw\_pink\_and\_red\_and\_white\_all\_areas |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruits|L4\_Citrus\_fruits|L5\_Kumquat|Kumquats\_raw |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruits|L4\_Citrus\_fruits|L5\_Lemon|Lemons\_raw\_without\_peel |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruits|L4\_Citrus\_fruits|L5\_Lime|Limes\_raw |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruits|L4\_Citrus\_fruits|L5\_Orange|Oranges\_raw\_all\_commercial\_varieties |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruits|L4\_Citrus\_fruits|L5\_Tangelo\_or\_tangerine|Tangerines\_mandarin\_oranges\_raw |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruit\_juices|L4\_Grapefruit\_lemon\_lime\_juice|L5\_Grapefruit\_lemon\_lime\_juice|Grapefruit\_juice\_white\_canned\_or\_bottled\_unsweetened |  |
| L1\_Fruits|L2\_Citrus\_fruits\_juices|L3\_Citrus\_fruit\_juices|L4\_Orange\_tangerine\_or\_juice\_blend|L5\_Orange\_tangerine\_or\_juice\_blend|Orange\_juice\_raw |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Fruit\_NS\_or\_apple|Apples\_dehydrated\_low\_moisture\_sulfured\_uncooked |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Apricot|Apricots\_dried\_sulfured\_uncooked |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Blueberries|Blueberries\_raw |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Banana|Bananas\_raw |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Currants|Currants\_zante\_dried |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Cranberries|Cranberries\_dried\_sweetened |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Date|Dates\_deglet\_noor |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Fig|Figs\_dried\_uncooked |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Lychee\_or\_mango|Mango\_dried\_sweetened |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Peach|Peaches\_dried\_sulfured\_uncooked |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Pear|Pears\_dried\_sulfured\_uncooked |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Prune|Plums\_dried\_prunes\_uncooked |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Raisins|Raisins\_seedless |  |
| L1\_Fruits|L2\_Dried\_fruits|L3\_Dried\_fruits|L4\_Dried\_fruits|L5\_Tamarind|Tamarinds\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Apple\_or\_applesauce|Apples\_raw\_with\_skin |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Apricot|Apricots\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Avocado|Avocados\_raw\_all\_commercial\_varieties |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Plantain|Plantains\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Cantaloupe\_or\_starfruit|Melons\_cantaloupe\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Cherries\_sour|Cherries\_sour\_red\_canned\_water\_pack\_solids\_and\_liquids\_includes\_USDA\_commodity\_red\_tart\_cherries\_canned | |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Cherries\_sweet|Cherries\_tart\_dried\_sweetened |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Capers|Capers\_canned |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Figs|Figs\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Grapes|Grapes\_red\_or\_green\_European\_type\_such\_as\_Thompson\_seedless\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Guava|Guavas\_common\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Juneberry\_Kiwi\_Lychee|Kiwifruit\_green\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Honeydew|Melons\_honeydew\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Mango|Mangos\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Nectarine|Nectarines\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Papaya|Papayas\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Passion\_fruit|Passionfruit\_granadilla\_purple\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Peach|Peaches\_yellow\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Pear|Pears\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Persimmon|Persimmons\_japanese\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Pineapple|Pineapple\_raw\_all\_varieties |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Plum|Plums\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Pomegranate|Pomegranates\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Rhubarb|Rhubarb\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Watermelon|Watermelon\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Coconut\_meat|Nuts\_coconut\_meat\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Coconut\_milk|Nuts\_coconut\_milk\_raw\_liquid\_expressed\_from\_grated\_meat\_and\_water |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Coconut\_cream|Nuts\_coconut\_cream\_canned\_sweetened |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Fruits\_excluding\_berries|L4\_Fruits\_excluding\_berries|L5\_Coconut\_water|Beverages\_Coconut\_water\_readytodrink\_unsweetened |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Berries|L4\_Berries|L5\_Blackberries|Blackberries\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Berries|L4\_Berries|L5\_Blueberries|Pie\_fillings\_blueberry\_canned |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Berries|L4\_Berries|L5\_Boysenberries|Boysenberries\_frozen\_unsweetened |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Berries|L4\_Berries|L5\_Cranberries|Cranberries\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Berries|L4\_Berries|L5\_Raspberries|Raspberries\_raw |  |
| L1\_Fruits|L2\_Other\_fruits|L3\_Berries|L4\_Berries|L5\_Strawberries|Strawberries\_raw |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Apple\_juice|L4\_Apple\_juice|L5\_Apple\_juice|Apple\_juice\_canned\_or\_bottled\_unsweetened\_without\_added\_ascorbic\_acid |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Apple\_juice|L4\_Apple\_juice\_blend|L5\_Apple\_juice\_blend|Juice\_apple\_and\_grape\_blend\_with\_added\_ascorbic\_acid |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Apple\_juice|L4\_Low\_sugar\_juice|L5\_Low\_sugar\_juice|Beverages\_Apple\_juice\_drink\_light\_fortified\_with\_vitamin\_C |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Nectars|L4\_Apricot\_nectar|L5\_Apricot\_nectar|Apricot\_nectar\_canned\_without\_added\_ascorbic\_acid |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Nectars|L4\_Papaya\_nectar|L5\_Papaya\_nectar|Papaya\_nectar\_canned |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Nectars|L4\_Peach\_nectar|L5\_Peach\_nectar|Peach\_nectar\_canned\_without\_added\_ascorbic\_acid |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Nectars|L4\_Pear\_nectar|L5\_Pear\_nectar|Pear\_nectar\_canned\_without\_added\_ascorbic\_acid |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Nectars|L4\_Guanabana\_nectar|L5\_Guanabana\_nectar|Guanabana\_nectar\_canned |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Nectars|L4\_Mango\_nectar|L5\_Mango\_nectar|Mango\_nectar\_canned |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Nectars|L4\_Guava\_nectar|L5\_Guava\_nectar|Guava\_nectar\_with\_sucralose\_canned |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Grape\_juice|L4\_Grape\_juice|L5\_Grape\_juice|Grape\_juice\_canned\_or\_bottled\_unsweetened\_with\_added\_ascorbic\_acid |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Pineapple\_juice|L4\_Pineapple\_juice|L5\_Pineapple\_juice|Pineapple\_juice\_canned\_or\_bottled\_unsweetened\_without\_added\_ascorbic\_acid |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Prune\_juice|L4\_Prune\_juice|L5\_Prune\_juice|Prune\_juice\_canned |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Pomegranate\_juice|L4\_Pomegranate\_juice|L5\_Pomegranate\_juice|Pomegranate\_juice\_bottled |  |
| L1\_Fruits|L2\_Fruit\_juices\_and\_nectars\_excluding\_citrus|L3\_Cranberry\_juice|L4\_Cranberry\_juice|L5\_Cranberry\_juice|Beverages\_OCEAN\_SPRAY\_CranEnergy\_Cranberry\_Energy\_Juice\_Drink |  |
| L1\_Fruits|L2\_Fruits\_and\_juices\_baby\_food|L3\_Fruits\_and\_juices\_baby\_food|L4\_Fruits\_and\_juices\_baby\_food|L5\_Fruits\_and\_juices\_baby\_food|Babyfood\_grape\_juice\_no\_sugar\_canned |  |
| L1\_Fruits|L2\_Fruits\_and\_juices\_baby\_food|L3\_Fruits\_and\_fruit\_mixtures\_baby\_food|L4\_Fruits\_and\_fruit\_mixtures\_baby\_food|L5\_Applesauce\_and\_other\_fruit\_baby\_food|Babyfood\_fruit\_applesauce\_strained | |
| L1\_Fruits|L2\_Fruits\_and\_juices\_baby\_food|L3\_Fruits\_and\_fruit\_mixtures\_baby\_food|L4\_Fruits\_and\_fruit\_mixtures\_baby\_food|L5\_Bananas\_with\_other\_fruit\_baby\_food|Babyfood\_fruit\_bananas\_with\_tapioca\_strained | |
| L1\_Fruits|L2\_Fruits\_and\_juices\_baby\_food|L3\_Fruit\_juice\_and\_fruit\_juice\_mixtures\_baby|L4\_Fruit\_juice\_and\_fruit\_juice\_mixtures\_baby|L5\_Fruit\_juice\_and\_fruit\_juice\_mixtures\_baby|Babyfood\_applebanana\_juice | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_NFS|L4\_White\_potatoes\_NFS|L5\_White\_potatoes\_NFS|Potatoes\_flesh\_and\_skin\_raw |  |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_NFS|L4\_Potato\_flour|L5\_Potato\_flour|Potato\_flour |  |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_baked\_and\_boiled|L4\_White\_potatoes\_baked\_and\_boiled|L5\_White\_potatoes\_baked|Potatoes\_baked\_flesh\_without\_salt | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_baked\_and\_boiled|L4\_White\_potatoes\_baked\_and\_boiled|L5\_White\_potatoes\_boiled|Potatoes\_boiled\_cooked\_in\_skin\_flesh\_without\_salt | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_chips\_and\_sticks|L4\_White\_potatoes\_chips\_and\_sticks|L5\_White\_potato\_chips\_unsalted|Snacks\_potato\_chips\_plain\_salted | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_chips\_and\_sticks|L4\_White\_potatoes\_chips\_and\_sticks|L5\_White\_potato\_puffs|Potato\_puffs\_frozen\_unprepared | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_fried|L4\_White\_potatoes\_fried|L5\_White\_potato\_hash\_brown|Potatoes\_hash\_brown\_frozen\_plain\_prepared\_pan\_fried\_in\_canola\_oil | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_mashed\_stuffed\_puffs|L4\_White\_potatoes\_mashed\_stuffed\_puffs|L5\_White\_potato\_mashed|Potatoes\_mashed\_homeprepared\_whole\_milk\_added | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_White\_potatoes\_mashed\_stuffed\_puffs|L4\_White\_potatoes\_mashed\_stuffed\_puffs|L5\_White\_potato\_flakes\_dry|Potatoes\_mashed\_dehydrated\_flakes\_without\_milk\_dry\_form | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Plantain\_fried\_or\_boiled|L5\_Plantain\_fried\_or\_boiled|Snacks\_plantain\_chips\_salted | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Cassava\_yuca\_blanca|L5\_Cassava\_yuca\_blanca|Cassava\_raw |  |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Cassava\_yuca\_blanca|L5\_Tapioca\_starch|Tapioca\_pearl\_dry |  |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Sweet\_potatoes\_or\_yam\_Puerto\_Rican|L5\_Sweet\_potatoes\_or\_yam\_Puerto\_Rican|Yam\_cooked\_boiled\_drained\_or\_baked\_without\_salt | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Sweet\_potatoes\_or\_yam\_Puerto\_Rican|L5\_Sweet\_potato\_chips|Snacks\_sweet\_potato\_chips\_unsalted | |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Celeriac\_dasheen\_or\_Taro|L5\_Celeriac\_dasheen\_or\_Taro|Celeriac\_raw |  |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Other\_starchy\_vegetables|L5\_|Hearts\_of\_palm\_raw |  |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Poi\_or\_taro|L5\_Poi\_or\_taro|Taro\_raw |  |
| L1\_Vegetables|L2\_White\_potatoes\_and\_Puerto\_Rican\_starchy\_vegetables|L3\_Puerto\_Rican\_starchy\_vegetables|L4\_Lotus\_root|L5\_Lotus\_root|Lotus\_root\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Beet\_greens|Beet\_greens\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Broccoli\_raab|Broccoli\_raab\_cooked |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Chard|Chard\_swiss\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Collards|Collards\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Cress|Cress\_garden\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Parsley|Parsley\_fresh |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Cilantro|Coriander\_cilantro\_leaves\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Dandelion\_greens|Dandelion\_greens\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Endive\_chicory\_escarole\_or\_romain\_lettuce|Escarole\_cooked\_boiled\_drained\_no\_salt\_added | |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Iceberg\_lettuce|Lettuce\_iceberg\_includes\_crisphead\_types\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Kale|Kale\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Mustard\_greens|Mustard\_greens\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Poke\_greens|Pokeberry\_shoots\_poke\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Radicchio|Radicchio\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Spinach|Spinach\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Taro\_leaves|Taro\_leaves\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Turnip\_greens|Turnip\_greens\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Alfalfa\_sprouts|Alfalfa\_seeds\_sprouted\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Watercress|Watercress\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Arugula|Arugula\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Bitter\_melon\_leaves|Balsampear\_bitter\_gourd\_leafy\_tips\_cooked\_boiled\_drained\_without\_salt | |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_leafy\_vegetables|L4\_Darkgreen\_leafy\_vegetables|L5\_Grape\_leaves|Grape\_leaves\_raw |  |
| L1\_Vegetables|L2\_Darkgreen\_vegetables|L3\_Darkgreen\_nonleafy\_vegetables|L4\_Broccoli|L5\_Broccoli|Broccoli\_raw |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Carrots|L4\_Carrots|L5\_Carrots|Carrots\_frozen\_unprepared |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Carrots|L4\_Carrots|L5\_Carrots\_raw|Carrots\_raw |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Carrots|L4\_Carrots|L5\_Carrots\_cooked|Carrots\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Carrots|L4\_Carrots|L5\_Carrots\_canned|Carrots\_canned\_regular\_pack\_drained\_solids |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Carrots|L4\_Carrots|L5\_Carrot\_juice|Carrot\_juice\_canned |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Pumpkin|L4\_Pumpkin|L5\_Pumpkin|Pumpkin\_raw |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Pumpkin|L4\_Pumpkin|L5\_Pumpkin\_cooked|Pumpkin\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Pumpkin|L4\_Pumpkin|L5\_Pumpkin\_flowers|Pumpkin\_flowers\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Squash\_winter|L4\_Squash\_winter|L5\_Squash\_winter\_baked|Squash\_winter\_spaghetti\_cooked\_boiled\_drained\_or\_baked\_without\_salt |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Squash\_winter|L4\_Squash\_summer|L5\_Squash\_summer|Squash\_summer\_crookneck\_and\_straightneck\_raw |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Squash\_winter|L4\_Squash\_summer|L5\_Squash\_crookneck|Squash\_summer\_crookneck\_and\_straightneck\_canned\_drained\_solid\_without\_salt |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Squash\_winter|L4\_Squash\_summer|L5\_Zucchini|Squash\_summer\_zucchini\_includes\_skin\_raw |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Squash\_winter|L4\_Squash\_summer|L5\_Squash\_summer\_baked|Squash\_summer\_all\_varieties\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Sweet\_potatoes|L4\_Sweet\_potatoes|L5\_Sweet\_potatoes|Sweet\_potato\_raw\_unprepared |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Sweet\_potatoes|L4\_Sweet\_potatoes|L5\_Sweet\_potato\_baked\_peel\_eaten|Sweet\_potato\_cooked\_baked\_in\_skin\_flesh\_without\_salt |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Sweet\_potatoes|L4\_Sweet\_potatoes|L5\_Sweet\_potato\_baked\_peel\_not\_eaten|Sweet\_potato\_cooked\_boiled\_without\_skin |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Sweet\_potatoes|L4\_Sweet\_potatoes|L5\_Sweet\_potato\_canned|Sweet\_potato\_canned\_vacuum\_pack |  |
| L1\_Vegetables|L2\_Deepyellow\_vegetables|L3\_Sweet\_potatoes|L4\_Sweet\_potatoes|L5\_Sweet\_potato\_leaves|Sweet\_potato\_leaves\_cooked\_steamed\_without\_salt |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomatoes\_raw|L4\_Tomatoes\_raw|L5\_Tomatoes\_raw|Tomatoes\_red\_ripe\_raw\_year\_round\_average |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomatoes\_raw|L4\_Tomatoes\_raw|L5\_Tomatoes\_green|Tomatoes\_green\_raw |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomatoes\_cooked|L4\_Tomatoes\_cooked|L5\_Tomatoes\_cooked|Tomatoes\_red\_ripe\_cooked |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomatoes\_cooked|L4\_Tomatoes\_cooked|L5\_Tomatoes\_stewed\_or\_canned|Tomatoes\_red\_ripe\_canned\_packed\_in\_tomato\_juice |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomatoes\_cooked|L4\_Tomatoes\_cooked|L5\_Tomatoes\_dried|Tomatoes\_sundried |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomato\_sauces|L4\_Tomato\_sauces|L5\_Tomato\_sauces|Tomato\_products\_canned\_puree\_without\_salt\_added |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomato\_sauces|L4\_Tomato\_sauces|L5\_Tomato\_catsup|Catsup |  |
| L1\_Vegetables|L2\_Tomatoes\_and\_tomato\_mixtures|L3\_Tomato\_sauces|L4\_Tomato\_sauces|L5\_Tomato\_paste|Tomato\_products\_canned\_paste\_without\_salt\_added |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Other\_vegetables\_raw|L5\_Garlic|Garlic\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Other\_vegetables\_raw|L5\_Ginger|Ginger\_root\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Other\_vegetables\_raw|L5\_Jicama|Yambean\_jicama\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Other\_vegetables\_raw|L5\_Wasabi|Wasabi |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Other\_vegetables\_raw|L5\_Onions|Onions\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Other\_vegetables\_raw|L5\_Bell\_pepper|Peppers\_sweet\_green\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Raw\_vegetable\_mixtures|L5\_Cucumber\_salad|Cucumber\_with\_peel\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_raw|L4\_Raw\_vegetable\_mixtures|L5\_Lettuce\_salad|Lettuce\_green\_leaf\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Artichoke|Artichokes\_globe\_or\_french\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Asparagus|Asparagus\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Bamboo|Bamboo\_shoots\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Beets\_bitter\_melon\_bread\_fruit\_broccoflower|Balsampear\_bitter\_gourd\_pods\_cooked\_boiled\_drained\_without\_salt | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Brussels\_sprouts|Brussels\_sprouts\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Cabbage\_Chinese|Cabbage\_chinese\_pakchoi\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Cabbage\_red|Cabbage\_red\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Cabbage\_savoy\_or\_cactus|Cabbage\_savoy\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Cauliflower|Cauliflower\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Celery\_fennel\_or\_christophine|Fennel\_bulb\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Mushrooms|Mushrooms\_white\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Okra|Okra\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Parsnips|Parsnips\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Radish|Radishes\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Rutabaga|Rutabagas\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Sauerkraut|Sauerkraut\_canned\_solids\_and\_liquids |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Seaweed|Seaweed\_kelp\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Turnip|Turnips\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Water\_chestnut\_winter\_mellon|Waterchestnuts\_chinese\_matai\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Burdock\_root|Burdock\_root\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Chayote|Chayote\_fruit\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Edamame|Edamame\_frozen\_prepared |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Waxgourd|Waxgourd\_chinese\_preserving\_melon\_cooked\_boiled\_drained\_without\_salt |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Hot\_peppers|Peppers\_hot\_chili\_green\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Tomatillos|Tomatillos\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_vegetables\_cooked|L4\_Other\_vegetables\_cooked|L5\_Nopal|Nopales\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L4\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L5\_Beans\_string\_green|Beans\_snap\_green\_raw | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L4\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L5\_Beets|Beets\_raw | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L4\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L5\_Cabbage|Cabbage\_raw | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L4\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L5\_Corn|Corn\_sweet\_yellow\_raw | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L4\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L5\_Eggplant|Eggplant\_raw | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L4\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L5\_Kohlrabi|Kohlrabi\_raw | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L4\_Other\_cooked\_vegetables\_cooked\_with\_sauces\_batters\_casseroles|L5\_Chives|Chives\_raw | |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Olives\_pickles\_relishes|L4\_Olives\_pickles\_relishes|L5\_Olives\_pickles\_relishes|Olives\_ripe\_canned\_smallextra\_large |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Olives\_pickles\_relishes|L4\_Cucumber\_pickled|L5\_Cucumber\_pickled|Pickles\_cucumber\_dill\_or\_kosher\_dill |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Olives\_pickles\_relishes|L4\_Pimento|L5\_Pimento|Pimento\_canned |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Olives\_pickles\_relishes|L4\_Pickle\_relish|L5\_Pickle\_relish|Pickle\_relish\_sweet |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Vegetable\_soups|L4\_Vegetable\_soups|L5\_Celery|Celery\_raw |  |
| L1\_Vegetables|L2\_Other\_vegetables|L3\_Vegetable\_soups|L4\_Vegetable\_soups|L5\_Leek|Leeks\_bulb\_and\_lower\_leafportion\_raw |  |
| L1\_Vegetables|L2\_Herbs|L3\_Basil\_fresh|L4\_Basil\_fresh|L5\_Basil\_fresh|Basil\_fresh |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Table\_fats|L4\_Table\_fats|L5\_Table\_fats|Oil\_table\_fat\_averaged |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Table\_fats|L4\_Table\_fats|L5\_Butter|Butter\_salted |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Table\_fats|L4\_Table\_fats|L5\_Margarine\_stick\_or\_tub|Margarine\_regular\_80\_fat\_composite\_stick\_with\_salt |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Table\_fats|L4\_Table\_fats|L5\_Margarine\_like\_spread|Margarinelike\_spread\_with\_yogurt\_approximately\_40\_fat\_tub\_with\_salt |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Table\_fats|L4\_Table\_fats|L5\_Margarine\_like\_spread\_or\_vegetable\_oil\_spread|Margarinelike\_vegetable\_oil\_spread\_unspecified\_oils\_approximately\_37\_fat\_with\_salt | |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Table\_fats|L4\_Table\_fats|L5\_Butter\_margarine\_blend|Margarinelike\_margarinebutter\_blend\_soybean\_oil\_and\_butter |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Table\_fats|L4\_Table\_fats|L5\_Butter\_whipped|Butter\_whipped\_with\_salt |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Cooking\_fats|L4\_Cooking\_fats|L5\_Animal\_fat\_or\_drippings|Fat\_beef\_tallow |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Cooking\_fats|L4\_Cooking\_fats|L5\_Lard|Lard |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Fats|L3\_Cooking\_fats|L4\_Cooking\_fats|L5\_Shortening|Shortening\_industrial\_soybean\_hydrogenated\_and\_cottonseed |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Vegetable\_oils|L5\_Vegetable\_oils|Vegetable\_oil\_averaged |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Olive\_oil|L5\_Olive\_oil|Oil\_olive\_salad\_or\_cooking |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Soybean\_oil|L5\_Soybean\_oil|Oil\_soybean\_salad\_or\_cooking\_partially\_hydrogenated |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Corn\_oil|L5\_Corn\_oil|Oil\_corn\_industrial\_and\_retail\_all\_purpose\_salad\_or\_cooking |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Cottonseed\_oil|L5\_Cottonseed\_oil|Oil\_cottonseed\_salad\_or\_cooking |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Canola\_oil|L5\_Canola\_oil|Oil\_canola |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Peanut\_oil|L5\_Peanut\_oil|Oil\_peanut\_salad\_or\_cooking |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Sesame\_oil|L5\_Sesame\_oil|Oil\_sesame\_salad\_or\_cooking |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Sunflower\_oil|L5\_Sunflower\_oil|Oil\_sunflower\_linoleic\_approx\_65 |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Almond\_oil|L5\_Almond\_oil|Oil\_almond |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Flaxseed\_oil|L5\_Flaxseed\_oil|Oil\_flaxseed\_cold\_pressed |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Vegetable\_oils|L4\_Coconut\_oil|L5\_Coconut\_oil|Oil\_coconut |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Oils|L3\_Cooking\_spray|L4\_Cooking\_spray|L5\_Cooking\_spray|Oil\_PAM\_cooking\_spray\_original |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Salad\_dressings|L3\_Regular\_salad\_dressings|L4\_Regular\_salad\_dressings|L5\_Regular\_salad\_dressings|Salad\_dressing\_ranch\_dressing\_regular | |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Salad\_dressings|L3\_Light\_salad\_dressings|L4\_Light\_salad\_dressings|L5\_Light\_salad\_dressings|Salad\_dressing\_mayonnaise\_light |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Salad\_dressings|L3\_Fat\_free\_salad\_dressings|L4\_Fat\_free\_salad\_dressings|L5\_Fat\_free\_salad\_dressings|Salad\_dressing\_thousand\_island\_dressing\_fatfree | |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Condiments|L3\_Vinegar|L4\_Vinegar|L5\_Vinegar|Vinegar\_cider |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Condiments|L3\_Mustard\_yellow|L4\_Mustard\_yellow|L5\_Mustard\_yellow|Mustard\_prepared\_yellow |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Condiments|L3\_Horseradish|L4\_Horseradish|L5\_Horseradish|Horseradish\_prepared |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Sauces|L3\_Sauces|L4\_Horseradish\_sauce|L5\_Horseradish\_sauce|Sauce\_horseradish |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Sauces|L3\_Soy\_sauce|L4\_Soy\_sauce|L5\_Soy\_sauce|Soy\_sauce\_made\_from\_soy\_and\_wheat\_shoyu |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Additives|L3\_Baking\_powder|L4\_Baking\_powder|L5\_Baking\_powder|Leavening\_agents\_baking\_powder\_doubleacting\_sodium\_aluminum\_sulfate | |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Additives|L3\_Baking\_soda|L4\_Baking\_soda|L5\_Baking\_soda|Leavening\_agents\_baking\_soda |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Additives|L3\_Cream\_of\_tartar|L4\_Cream\_of\_tartar|L5\_Cream\_of\_tartar|Leavening\_agents\_cream\_of\_tartar |  |
| L1\_Fats\_Oils\_Salad\_Dressings\_Condiments\_and\_Sauces|L2\_Additives|L3\_Yeast\_bakers|L4\_Yeast\_bakers|L5\_Yeast\_bakers|Leavening\_agents\_yeast\_bakers\_compressed |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugars\_and\_sugarsugar\_substitute\_blends|L4\_Sugars\_and\_sugarsugar\_substitute\_blends|L5\_Sugar\_white|Sugars\_granulated |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugars\_and\_sugarsugar\_substitute\_blends|L4\_Sugars\_and\_sugarsugar\_substitute\_blends|L5\_Sugar\_brown|Sugars\_brown |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugars\_and\_sugarsugar\_substitute\_blends|L4\_Sugars\_and\_sugarsugar\_substitute\_blends|L5\_Fructose\_sugar\_substitute|Sweeteners\_tabletop\_fructose\_dry\_powder | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugars\_and\_sugarsugar\_substitute\_blends|L4\_Sugars\_and\_sugarsugar\_substitute\_blends|L5\_Herbal\_extract\_sweetener|Sweetener\_herbal\_extract\_powder\_from\_Stevia\_leaf | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugars\_and\_sugarsugar\_substitute\_blends|L4\_Sugars\_and\_sugarsugar\_substitute\_blends|L5\_Agave\_liquid|Sweetener\_syrup\_agave |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugar\_replacements\_or\_substitute|L4\_Saccharin\_or\_aspartame|L5\_Saccharin|Sweeteners\_tabletop\_saccharin\_sodium\_saccharin |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugar\_replacements\_or\_substitute|L4\_Saccharin\_or\_aspartame|L5\_Aspartame|Sweeteners\_tabletop\_aspartame\_EQUAL\_packets |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Sugar\_replacements\_or\_substitute|L4\_Saccharin\_or\_aspartame|L5\_Sucralose|Sweeteners\_tabletop\_sucralose\_SPLENDA\_packets |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Syrups\_honey\_molasses\_sweet\_toppings|L4\_Syrups\_honey\_molasses|L5\_Honey|Honey |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Syrups\_honey\_molasses\_sweet\_toppings|L4\_Syrups\_honey\_molasses|L5\_Molasses|Molasses |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Syrups\_honey\_molasses\_sweet\_toppings|L4\_Syrups\_honey\_molasses|L5\_Corn\_syrup|Syrups\_corn\_light |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Syrups\_honey\_molasses\_sweet\_toppings|L4\_Syrups\_honey\_molasses|L5\_High\_fructose\_corn\_syrup|Syrups\_corn\_highfructose |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Syrups\_honey\_molasses\_sweet\_toppings|L4\_Syrups\_honey\_molasses|L5\_Maple\_syrup|Syrups\_maple |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Jellies\_jams\_preserves|L4\_Jellies\_jams\_preserves|L5\_Marmalade|Marmalade\_orange |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Candies|L4\_Candies|L5\_Candy\_NFS|Candies\_confectioners\_coating\_yogurt |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Candies|L4\_Candies|L5\_Fruit\_candy|Candies\_soft\_fruit\_and\_nut\_squares |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Candies|L4\_Candies|L5\_Dark\_chocolate|Candies\_chocolate\_dark\_NFS\_4559\_cacao\_solids\_90\_6069\_cacao\_solids\_5\_7085\_cacao\_solids\_5 | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Candies|L4\_Candy\_bar\_NS|L5\_|SCHIFFTIGERS\_MILK\_BAR |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Chewing\_gums|L4\_Chewing\_gums|L5\_Chewing\_gums|Chewing\_gum\_sugarless |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Sugars\_and\_sweets|L3\_Vanilla\_extract|L4\_Vanilla\_extract|L5\_Vanilla\_extract|Vanilla\_extract\_imitation\_no\_alcohol |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Powder\_mixes|L4\_Chocolate\_powder|L5\_Chocolate\_powder|Beverages\_chocolate\_powder\_no\_sugar\_added |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Powder\_mixes|L4\_Strawberry\_powder|L5\_Strawberry\_powder|Strawberryflavor\_beverage\_mix\_powder |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Powder\_mixes|L4\_Orange\_powder|L5\_Orange\_powder|Orangeflavor\_drink\_breakfast\_type\_powder |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Coffee|L4\_Coffee|L5\_Coffee|Coffee\_brewed\_prepared\_with\_tap\_water |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Coffee|L4\_Coffee|L5\_Coffee\_instant|Beverages\_coffee\_instant\_regular\_half\_the\_caffeine |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Coffee|L4\_Coffee|L5\_Espresso|Beverages\_coffee\_brewed\_espresso\_restaurantprepared |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Coffee|L4\_Coffee\_decaffeinated|L5\_Coffee\_decaffeinated|Beverages\_coffee\_brewed\_prepared\_with\_tap\_water\_decaffeinated |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Coffee|L4\_Coffee\_presweetened|L5\_Coffee\_presweetened|Beverages\_coffee\_ready\_to\_drink\_milk\_based\_sweetened |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Coffee\_substitutes|L4\_Coffee\_substitutes|L5\_Coffee\_substitutes|Beverages\_coffee\_substitute\_cereal\_grain\_beverage\_powder |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Tea|L4\_Tea|L5\_Tea\_black|Beverages\_tea\_Oolong\_brewed |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Tea|L4\_Tea|L5\_Tea\_green|Beverages\_tea\_green\_readytodrink\_diet |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Tea|L4\_Tea|L5\_Tea\_from\_powdered\_instant|Beverages\_tea\_instant\_decaffeinated\_unsweetened |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Tea|L4\_Tea|L5\_Tea\_herbal|Beverages\_tea\_herb\_other\_than\_chamomile\_brewed |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Soft\_drinks\_carbonated|L4\_Soft\_drinks\_carbonated|L5\_Soft\_drinks\_carbonated|Carbonated\_beverage\_cream\_soda |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Soft\_drinks\_carbonated|L4\_Soft\_drink\_NS|L5\_Soft\_drink\_NS|Beverages\_yellow\_green\_colored\_citrus\_soft\_drink\_with\_caffeine |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Soft\_drinks\_carbonated|L4\_Carbonated\_soft\_drinks|L5\_Carbonated\_soft\_drinks|Carbonated\_beverage\_chocolateflavored\_soda |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Soft\_drinks\_carbonated|L4\_Diet\_soft\_drinks|L5\_Diet\_soft\_drinks|Beverages\_Carbonated\_beverage\_low\_calorie\_other\_than\_cola\_or\_pepper\_\_without\_caffeine | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Fruit\_drinks|L4\_Lemonade|L5\_Lemonade|Beverages\_The\_COCACOLA\_company\_Minute\_Maid\_Lemonade |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Fruit\_drinks|L4\_Fruit\_juice\_drinks\_and\_fruit\_flavored\_drinks\_with\_high\_vitamin\_C|L5\_Fruit\_juice\_drinks\_and\_fruit\_flavored\_drinks\_with\_high\_vitamin\_C|Beverages\_The\_COCACOLA\_company\_HiC\_Flashin\_Fruit\_Punch | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Nonalcoholic\_beverages|L3\_Fruit\_drinks|L4\_Orange\_drink|L5\_Orange\_drink|Orange\_breakfast\_drink\_readytodrink\_with\_added\_nutrients |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Alcoholic\_beverages|L3\_Beers\_and\_ales|L4\_Beers\_and\_ales|L5\_Beers\_and\_ales|Alcoholic\_beverage\_beer\_regular\_all |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Alcoholic\_beverages|L3\_Cordials\_and\_liqueurs|L4\_Cordials\_and\_liqueurs|L5\_Cordials\_and\_liqueurs|Alcoholic\_beverage\_creme\_de\_menthe\_72\_proof |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Alcoholic\_beverages|L3\_Wines|L4\_Wines|L5\_Wines|Alcoholic\_beverage\_wine\_dessert\_sweet |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Alcoholic\_beverages|L3\_Distilled\_liquors|L4\_Distilled\_liquors|L5\_Distilled\_liquors|Alcoholic\_beverage\_distilled\_all\_gin\_rum\_vodka\_whiskey\_80\_proof |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Alcoholic\_beverages|L3\_Hard\_ciders|L4\_Hard\_ciders|L5\_Hard\_ciders|Beverages\_Amber\_hard\_cider |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Alcoholic\_beverages|L3\_Sake|L4\_Sake|L5\_Sake|Alcoholic\_beverage\_rice\_sake |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Water|L3\_Water\_bottled|L4\_Water\_bottled\_flavored|L5\_Water\_bottled\_flavored|Beverages\_water\_bottled\_yumberry\_pomegranate\_with\_antioxidants\_zero\_calories | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Water|L3\_Water\_bottled|L4\_Water\_carbonated|L5\_Water\_carbonated|Beverages\_Carbonated\_beverage\_club\_soda |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Water|L3\_Water\_baby\_food|L4\_Water\_baby\_food|L5\_Water\_baby\_food|Babyfoods\_water\_bottled\_GERBER\_without\_added\_fluoride |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Nutrition\_drinks|L4\_Nutrition\_drinks|L5\_Nutrition\_drinks|Beverages\_NESTLE\_Boost\_plus\_nutritional\_drink\_readytodrink | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Nutrition\_drinks|L4\_Protein\_drink|L5\_Protein\_drink|Protein\_supplement\_milk\_based\_Muscle\_Milk\_powder | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Nutrition\_powders|L4\_Nutrition\_powders|L5\_Nutrition\_powders|Cocoa\_dry\_powder\_hifat\_or\_breakfast\_processed\_with\_alkali | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Nutrition\_powders|L4\_Protein\_powders|L5\_Protein\_powders|Beverages\_ABBOTT\_EAS\_whey\_protein\_powder | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Energy\_drinks|L4\_Energy\_drinks|L5\_Energy\_drinks|Beverages\_\_Energy\_drink\_Citrus |  |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Energy\_drinks|L4\_Sports\_drinks|L5\_Sports\_drinks|Beverages\_The\_COCACOLA\_company\_Glaceau\_Vitamin\_Water\_Revive\_Fruit\_Punchfortified\_with\_vitamins\_C\_B3\_B5\_B6\_B12\_potas\_Mg\_Ca\_MS\_8615 | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Energy\_drinks|L4\_Fluid\_replacements|L5\_Fluid\_replacements|Fluid\_replacement\_electrolyte\_solution\_include\_PEDIALYTE | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Formulated\_nutrition\_beverages\_energy\_drinks\_sports\_drinks\_function|L3\_Meal\_replacement|L4\_Meal\_replacement|L5\_Meal\_replacement|Beverages\_SLIMFAST\_Meal\_replacement\_\_High\_Protein\_Shake\_ReadyToDrink\_321\_plan | |
| L1\_Sugars\_Sweets\_and\_Beverages|L2\_Added\_vitamins|L3\_Vitamin\_D|L4\_Vitamin\_D|L5\_Vitamin\_D|Vitamin\_D\_as\_ingredient |  |

Table S3. Food components used to calculate DII scores. Food descriptions describe each of the food items used in calculating that component score. All available food components in NHANES were used.

|  |  |
| --- | --- |
| DII components used (33) | Food descriptions |
| alcohol |  |
| vitamin b12 |  |
| vitamin b6 |  |
| beta.carotene |  |
| caffeine |  |
| avg.carb |  |
| chole |  |
| kcal |  |
| avg.fat |  |
| fiber |  |
| folic.acid |  |
| garlic |  |
| ginger |  |
| iron |  |
| magnesium |  |
| MUFA |  |
| niacin |  |
| omega3 |  |
| omega6 |  |
| onion | Onion descriptions include: 1: Onions, raw 2: Onions, cooked, boiled, drained, without salt 3: Onions, frozen, chopped, cooked, boiled, drained, without salt 4: Onions, spring or scallions (includes tops and bulb), raw 5: Onions, dehydrated flakes 6: Onions, frozen, whole, cooked, boiled, drained, without salt |
| avg.prot |  |
| PUFA |  |
| riboflavin |  |
| sat.fat |  |
| selenium |  |
| thiamin |  |
| vitamin A |  |
| vitamin C |  |
| vitamin D |  |
| vitamin E |  |
| zinc |  |
| tea | Tea descriptions include: 1: Beverages, tea, instant, decaffeinated, unsweetened 2: Beverages, tea, black, brewed, prepared with tap water 3: Beverages, tea, instant, lemon, sweetened, powder 4: Beverages, tea, herb, other than chamomile, brewed 5: Beverages, tea, black, brewed, prepared with tap water, decaffeinated 6: Beverages, tea, green, brewed, decaffeinated 7: Beverages, tea, instant, lemon, unsweetened 8: Beverages, tea, instant, decaffeinated, lemon, diet 9: Beverages, tea, instant, lemon, diet 10: Beverages, tea, instant, unsweetened, powder 11: Beverages, tea, green, brewed, regular12: Beverages, tea, black, ready-to-drink, lemon, sweetened13: Beverages, tea, green, ready-to-drink, diet 14: Beverages, tea, green, ready-to-drink, sweetened 15: Beverages, tea, black, ready-to-drink, lemon, diet 16: Beverages, tea, green, ready to drink, unsweetened 17: Beverages, tea, Oolong, brewed 18: Beverages, tea, black, ready to drink, decaffeinated, diet 19: Beverages, tea, black, ready to drink 20: Beverages, tea, black, ready to drink, decaffeinated 21: Beverages, tea, ready-to-drink, lemon, diet |
| pepper | Pepper descriptions include: 1. Spices, pepper, red or cayenne 2. Spices, pepper, black |