Responses to Questions/Comments Regarding GRN 000928:

Microbiology

Question 1. On page 8 and 30 of the notice, as well as pages 1 and 4 of Exhibit 1, the notifier states that the ingredient is a "…dried fermentate powder produced using a proprietary, non-genetically modified *Saccharomyces cerevisiae* strain that was derived from American Type Culture Collection (ATCC) 7752. ATCC 7522 is a non-pathogenic, nontoxigenic, food-grade yeast". We note that two different ATCC deposit designations were provided. For the administrative record, please provide a statement that corrects this reference.

Response: There was a typographical error on page 8 and 30 of the notice, as well as pages 1 and 4 of Exhibit 1, the statement should now read "…dried fermentate powder produced using a proprietary, non-genetically modified *Saccharomyces cerevisiae* strain that was derived from American Type Culture Collection (ATCC) 7752. ATCC 7752 is a non-pathogenic, nontoxigenic, food-grade yeast".

Question 2. References to "*Salmonella typhimurium*" on page 25 should read *Salmonella* Typhimurium. Please make a statement that corrects this reference.

Response: References to *Salmonella typhimurium*" on page 25 has been modified and should now read "*Salmonella* Typhimurium".

Question 3. Please discuss the antibiotic resistance profile of the microorganism. Moreover, please describe the antibiotic production profile of the microorganism, if any.

Response: The yeast microorganism used in the production of EpiCor is a non-genetically engineered variant of ATCC 7752, obtained through routine culture and selection processes. No antibiotic-resistance genes have been incorporated into this microorganism and the microorganism is not producing any antibiotics.

Question 4. Please specify how the purity of the microorganism is ensured.

Response: All production batches begin with yeast stocks purchased directly from a U.S. supplier that provides organism characterization information and strain confirmation. Cargill does not generate nor store any stocks of the microorganism. In addition, as part of our organism stability evaluation, fermentation culture samples as well as finished product samples are periodically collected and subjected to PCR analysis using DNA barcoding primers to verify that only the intended strain is being utilized and there is no genetic drift in the strain.

Question 5. Please state whether any of the raw materials used in the fermentation are major allergens or derived from major allergens. If any of the raw materials used are major allergens or derived from major allergens, please discuss why these materials do not pose a safety concern.

Response: None of the raw materials used in the fermentation are major allergens or derived from major allergens.

Question 6. Please state whether the fermentation process is conducted in a contained, sterile environment.

Response: The fermentation process is conducted in a contained, sterile environment.

Question 7. On page 11 (Table 1) of the notice, as well as Appendix A, the notifier lists the method used for *Escherichia coli* as "USP 62". Please clarify what "USP 62" refers to, and if it is a specific chapter of the United States Pharmacopeia, please provide the complete citation.

Response: USP 62 refers to United States Pharmacopeia 62 (Microbiological examination of nonsterile products: tests for specified microorganisms). Please refer to the attached USP 62 citation for a description of this method.

Chemistry

Question 1. Please specify that all analytical methods are validated for their intended use.

Response: All analytical methods are validated for their intended use

Question 2. In Table 2 (p. 12), the notifier indicates that the dried *Saccharomyces cerevisiae* yeast fermentate contains 20% ash (20g/100g). This seems like a large amount of ash for an ingredient produced via fermentation. Please comment on the level of the ash in the final product.

Response: The ash content of the product, like other food ingredients, is representative of the inorganic minerals left after all of the organic content is burned away, as part of the proximate analysis for nutritional evaluation. The ash (mineral content) results from the nutrients that are part of the fermentation medium of the yeast, which is an intended component of our final yeast fermentate. Therefore, the 20% ash (minerals) content of EpiCor is expected.

Question 3. In Table 2 (p.12), the notifier indicates that the dried Saccharomyces cerevisiae yeast fermentate contains 41% carbohydrates, 10% dietary fiber and 1% sugar. Please describe how you differentiate carbohydrates, dietary fiber and sugar components of the final product.

Response: The analysis for nutritionals in the EpiCor product is based on standard methodology for fiber (AOAC 2009.01), sugars (AOAC 977.90) and carbohydrates (by calculation [100-%ash - %total fat - %moisture - %protein]).

Question 4: On p.13, the notified states that the product contains ~20% minerals. This seems like a large amount of minerals for an ingredient produced via fermentation. Please comment on the amount of minerals present in the final product.

Response: Please refer to the response for question 2 above. Additionally, as described in the EpiCor manufacturing process, the yeast are not washed or filtered during any phase of the aerobic or anaerobic fermentation. The yeast and the fermentation medium are subjected to drying, which retains the minerals utilized in the growth medium. Therefore, the 20% mineral content of the final product is expected.

Question 5: The notifier states that the raw materials, such as various salts, yeast extract, and a glucose source, are appropriate for yeast growth. The notifier should specify the various salts used and indicate that they are approved for their intended uses in the U.S.

Response: The salts used as part of the fermentation medium include urea (21 CFR 184.1923), phosphoric acid (21 CFR 182.1073), and magnesium hydroxide (21 CFR 184.1428). These three components are food grade materials and are Generally Recognized As Safe (GRAS) as fermentation aids, processing aids, or multiple-use components at GMP levels.

Question 6: The notifier provides an exposure estimate based on food consumption data from the 003-2004 National Health and Nutrition Examination survey (NHANES). We note that there are more recent food consumption data available. In addition, it is not clear what population is represented by the "U.S. population". The notifier should provide an updated exposure estimate at the mean and the 90th percentile for the U.S. population aged 2 years and older using recent food consumption data. It would also be helpful if the notifier could provide the NHANES food codes used in their revised exposure estimate.

Response: As indicated in an email from Don Schmitt to Karen Hall of FDA on October 22, 2020, the request for a new NHANES-based intake analysis will take a few days longer than the allocated 10-day response period. Cargill is having Exponent update the intake assessment as requested, as Exponent conducted the original intake estimate. We expect to have Exponent's intake assessment report the 2nd week of November (which will include the list of food codes) and it will be forwarded at that time.

Toxicology

Question 1: In the safety summary (page 28), you state that the human clinical studies support the safety of the intended uses of your product. Please note that FDA generally considers the efficacy studies to be of limited use in the safety evaluation for food ingredients, although safety information (if provided in the studies) may be used to support tolerance in humans. Thus, please

   a. Clarify if any safety parameters were investigated in the three clinical studies (i.e., Moyad et al., 2008; Moyad et al., 2009 and Jensen et al., 2008), and if any adverse effects associated with the administration of Epicor® were reported.
   b. Explain how clinical studies using a dose (0.5 g/day) that is lower than the EDI would support human tolerance under the intended use.
   c. Discuss why the changes in serum and saliva biomarkers reported in Jensen et al., 2008 do not pose a safety concern in consumers.

Response:

   a. Moyad et al, 2008; Safety-related parameters recorded/measured included clinical examinations (vital signs such as blood pressure, heart rate, temperature, and weight) and comprehensive serologic evaluations (including complete blood count, complete metabolic profile, and other general health serologic parameters) over the course of the study. Adverse events were also recorded. No serious adverse events were reported in the yeast fermentate group. There were no abnormalities in any of the laboratory serologic

parameters (i.e., complete blood count, complete metabolic profile, and other general health serologic parameters) in the Epicor® yeast fermentate-treated group.

Moyad et al., 2009; Safety-related parameters recorded/measured included clinical examinations (vital signs such as blood pressure, heart rate, temperature, and weight) and comprehensive serologic evaluations (including complete blood count, complete metabolic profile, and other general health serologic parameters) over the course of the study. Adverse events were also recorded and were similar to the placebo group. No serious adverse events were reported in the yeast fermentate group. There were no significant abnormalities noted in any of the laboratory serologic parameters (related to intake of the Epicor® yeast fermentate product.

Jensen et al., 2008; At study entry and after 5 weeks of consumption, saliva was collected for secretory IgA (sIgA) measurement; blood was collected for a complete blood count (CBC) with differential; and serum was collected for sufficient for measurement of total IgA, IgG, IgE, and Th1/Th2 cytokine profile. A subjective health assessment was also employed. Adverse effects related to Epicor® were not observed. The authors noted that Epicor® consumption did not produce unsafe levels of inflammatory cytokines, increased levels of white blood cells, or over-stimulation of antibody production. In contrast, it supported the formation of healthy red blood cells, supported mucosal defense, and provided anti-inflammatory support.

In summary, no adverse effects were noted across the three studies that would be associated with the administration of Epicor®.

b. The inclusion of the three clinical studies was intended to provide support of the safety of consumption of 0.5 g of /Epicor® day. They were intended to be additional support, but not definitive studies of the safety of Epicor® as proposed for use in food. Human tolerance is supported by the current daily intake of yeast and CFIA's (2018) reasonable daily intake of yeast in comparison to the pre use estimated daily intakes included in the GRAS notification.

c. The changes in serum and saliva biomarkers reported in Jensen et al., 2008 do not pose a safety concern in consumers. The authors noted that Epicor® consumption did not produce unsafe levels of inflammatory cytokines, increased levels of white blood cells, or over-stimulation of antibody production. In contrast, it supported the formation of healthy red blood cells, supported mucosal defense, and provided anti-inflammatory support.

Question 2: Your literature search was conducted through August 2019, while the notice was submitted in February 2020. Please clarify if there are literature published between August 2019 and February 2020 that suggests any safety issues of yeast fermentate which may conflict with your GRAS conclusion.

Response: There is no relevant literature published between August 2019 and February 2020 that would suggest safety issues with the yeast fermentate product which would conflict with our GRAS conclusion in GRN 928.

Microbiology Question 7 Attachment

Add the following:

- ⟨62⟩ **MICROBIOLOGICAL EXAMINATION OF NONSTERILE PRODUCTS: TESTS FOR SPECIFIED MICROORGANISMS**

INTRODUCTION

The tests described hereafter will allow determination of the absence of, or limited occurrence of, specified microorganisms that may be detected under the conditions described.

The tests are designed primarily to determine whether a substance or preparation complies with an established specification for microbiological quality. When used for such purposes, follow the instructions given below, including the number of samples to be taken, and interpret the results as stated below.

Alternative microbiological procedures, including automated methods, may be used, provided that their equivalence to the Pharmacopeial method has been demonstrated.

GENERAL PROCEDURES

The preparation of samples is carried out as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩ .

If the product to be examined has antimicrobial activity, this is insofar as possible removed or neutralized as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩ .

If surface-active substances are used for sample preparation, their absence of toxicity for microorganisms and their compatibility with any inactivators used must be demonstrated as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩ .

GROWTH-PROMOTING AND INHIBITORY PROPERTIES OF THE MEDIA AND SUITABILITY OF THE TEST

The ability of the test to detect microorganisms in the presence of the product to be tested must be established. Suitability must be confirmed if a change in testing performance or a change in the product that may affect the outcome of the test is introduced.

Preparation of Test Strains

Use standardized stable suspensions of test strains as stated below. Seed-lot culture maintenance techniques (seed-lot systems) are used so that the viable microorganisms used for inoculation are not more than five passages removed from the original master seed-lot.

AEROBIC MICROORGANISMS

Grow each of the bacterial test strains separately in containers containing *Soybean–Casein Digest Broth* or on *Soybean–Casein Digest Agar* at $30°$ to $35°$ for 18 to 24 hours. Grow the test strain for *Candida albicans* separately on *Sabouraud Dextrose Agar* or in *Sabouraud Dextrose Broth* at $20°$ to $25°$ for 2 to 3 days.

Staphylococcus aureus	such as ATCC 6538, NCIMB 9518, CIP 4.83, or NBRC 13276
Pseudomonas aeruginosa	such as ATCC 9027, NCIMB 8626, CIP 82.118, or NBRC 13275
Escherichia coli	such as ATCC 8739, NCIMB 8545, CIP 53.126, or NBRC 3972
Salmonella enterica ssp. *enterica* serotype *typhimurium* or, as an alternative,	such as ATCC 14028
Salmonella enterica ssp. *enterica* serotype *abony*	such as NBRC 100797, NCTC 6017, or CIP 80.39
Candida albicans	such as ATCC 10231, NCPF 3179, IP 48.72, or NBRC 1594

Use *Buffered Sodium Chloride–Peptone Solution pH 7.0* or *Phosphate Buffer Solution pH 7.2* to make test suspensions. Use the suspensions within 2 hours or within 24 hours if stored at 2° to 8°.

CLOSTRIDIA

Use *Clostridium sporogenes* such as ATCC 11437 (NBRC 14293, NCIMB 12343, CIP 100651) or ATCC 19404 (NCTC 532 or CIP 79.3). Grow the clostridial test strain under anaerobic conditions in *Reinforced Medium for Clostridia* at 30° to 35° for 24 to 48 hours. As an alternative to preparing and then diluting down a fresh suspension of vegetative cells of *Cl. sporogenes,* a stable spore suspension is used for test inoculation. The stable spore suspension may be maintained at 2° to 8° for a validated period.

Negative Control

To verify testing conditions, a negative control is performed using the chosen diluent in place of the test preparation. There must be no growth of microorganisms.

Growth Promotion and Inhibitory Properties of the Media

Test each batch of ready-prepared medium and each batch of medium prepared either from dehydrated medium or from ingredients. Verify suitable properties of relevant media as described in *Table 1*.

Table 1. Growth Promoting, Inhibitory, and Indicative Properties of Media

Test/Medium	Property	Test Strains
Test for bile-tolerant Gram-negative bacteria		
Enterobacteria Enrichment Broth Mossel	Growth promoting	*E. coli*
		P. aeruginosa
	Inhibitory	*S. aureus*
Violet Red Bile Glucose Agar	Growth promoting + Indicative	*E. coli*
		P. aeruginosa

Test/Medium	Property	Test Strains
Test for Escherichia coli		
MacConkey Broth	Growth promoting	_E. coli_
	Inhibitory	_S. aureus_
MacConkey Agar	Growth promoting + Indicative	_E. coli_
Test for Salmonella		
Rappaport Vassiliadis Salmonella Enrichment Broth	Growth promoting	_Salmonella enterica_ ssp. _enterica_ serotype _typhimurium_ or
		Salmonella enterica ssp. _enterica_ serotype _abony_
	Inhibitory	_S. aureus_
Xylose Lysine Deoxycholate Agar	Growth promoting + Indicative	_Salmonella enterica_ ssp. _enterica_ serotype _typhimurium_ or
		Salmonella enterica ssp. _enterica_ serotype _abony_
		E. coli
Test for Pseudomonas aeruginosa		
Cetrimide Agar	Growth promoting	_P. aeruginosa_
	Inhibitory	_E. coli_
Test for Staphylococcus aureus		
Mannitol Salt Agar	Growth promoting + Indicative	_S. aureus_
	Inhibitory	_E. coli_
Test for Clostridia		
Reinforced Medium for Clostridia	Growth promoting	_Cl. sporogenes_
Columbia Agar	Growth promoting	_Cl. sporogenes_
Test for Candida albicans		
Sabouraud Dextrose Broth	Growth promoting	_C. albicans_
Sabouraud Dextrose Agar	Growth promoting + Indicative	_C. albicans_

Test for Growth-Promoting Properties, Liquid Media— Inoculate a portion of the appropriate medium with a small number (not more than 100 cfu) of the appropriate microorganism. Incubate at the specified temperature for not more than the shortest period of time specified in the test. Clearly visible growth of the microorganism comparable to that previously obtained with a previously tested and approved batch of medium occurs.

Test for Growth-Promoting Properties, Solid Media— Perform _Surface-Spread Method_ (see _Plate-Count Methods_ under _Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests_ ⟨61⟩), inoculating each plate with a small number (not more than 100 cfu) of the appropriate microorganism. Incubate at the specified temperature for not more than the shortest period of time specified in the test. Growth of the microorganism comparable to that previously obtained with a previously tested and approved batch of medium occurs.

Test for Inhibitory Properties, Liquid or Solid Media— Inoculate the appropriate medium with at least 100 cfu of the appropriate microorganism. Incubate at the specified temperature for not less than the

longest period of time specified in the test. No growth of the test microorganism occurs.

Test for Indicative Properties— Perform *Surface-Spread Method* (see *Plate-Count Methods* under *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩), inoculating each plate with a small number (not more than 100 cfu) of the appropriate microorganism. Incubate at the specified temperature for a period of time within the range specified in the test. Colonies are comparable in appearance and indication reactions to those previously obtained with a previously tested and approved batch of medium.

Suitability of the Test Method

For each new product to be tested perform sample preparation as described in the relevant paragraph under *Testing of Products*. At the time of mixing, add each test strain in the prescribed growth medium. Inoculate the test strains individually. Use a number of microorganisms equivalent to not more than 100 cfu in the inoculated test preparation.

Perform the test as described in the relevant paragraph under *Testing of Products* using the shortest incubation period prescribed.

The specified microorganisms must be detected with the indication reactions as described under *Testing of Products*.

Any antimicrobial activity of the product necessitates a modification of the test procedure (see *Neutralization/Removal of Antimicrobial Activity* under *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩).

For a given product, if the antimicrobial activity with respect to a microorganism for which testing is prescribed cannot be neutralized, then it is to be assumed that the inhibited microorganism will not be present in the product.

TESTING OF PRODUCTS

Bile-Tolerant Gram-Negative Bacteria

Sample Preparation and Pre-Incubation— Prepare a sample using a 1 in 10 dilution of not less than 1 g of the product to be examined as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩ , but using *Soybean–Casein Digest Broth* as the chosen diluent, mix, and incubate at 20° to 25° for a time sufficient to resuscitate the bacteria but not sufficient to encourage multiplication of the organisms (usually 2 hours but not more than 5 hours).

Test for Absence— Unless otherwise prescribed, use the volume corresponding to 1 g of the product, as prepared in *Sample Preparation and Pre-Incubation,* to inoculate *Enterobacteria Enrichment Broth Mossel*. Incubate at 30° to 35° for 24 to 48 hours. Subculture on plates of *Violet Red Bile Glucose Agar*. Incubate at 30° to 35° for 18 to 24 hours.

The product complies with the test if there is no growth of colonies.

Quantitative Test—

Selection and Subculture— Inoculate suitable quantities of *Enterobacteria Enrichment Broth Mossel* with the preparation as directed under *Sample Preparation and Pre-Incubation* and/or dilutions of it containing respectively 0.1 g, 0.01 g, and 0.001 g (or 0.1 mL, 0.01 mL, and 0.001 mL) of the product to

be examined. Incubate at 30° to 35° for 24 to 48 hours. Subculture each of the cultures on a plate of *Violet Red Bile Glucose Agar*. Incubate at 30° to 35° for 18 to 24 hours.

Interpretation— Growth of colonies constitutes a positive result. Note the smallest quantity of the product that gives a positive result and the largest quantity that gives a negative result. Determine from *Table 2* the probable number of bacteria.

Table 2. Interpretation of Results

Results for Each Quantity of Product			Probable Number of Bacteria per g or mL of Product
0.1 g or 0.1 mL	0.01 g or 0.01 mL	0.001 g or 0.001 mL	
+	+	+	more than 10^3
+	+	−	less than 10^3 and more than 10^2
+	−	−	less than 10^2 and more than 10
−	−	−	less than 10

Escherichia coli

Sample Preparation and Pre-Incubation— Prepare a sample using a 1 in 10 dilution of not less than 1 g of the product to be examined as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests ⟨61⟩* , and use 10 mL or the quantity corresponding to 1 g or 1 mL, to inoculate a suitable amount (determined as described under *Suitability of the Test Method*) of *Soybean–Casein Digest Broth,* mix, and incubate at 30° to 35° for 18 to 24 hours.

Selection and Subculture— Shake the container, transfer 1 mL of *Soybean–Casein Digest Broth* to 100 mL of *MacConkey Broth,* and incubate at 42° to 44° for 24 to 48 hours. Subculture on a plate of *MacConkey Agar* at 30° to 35° for 18 to 72 hours.

Interpretation— Growth of colonies indicates the possible presence of *E. coli*. This is confirmed by identification tests.

The product complies with the test if no colonies are present or if the identification tests are negative.

Salmonella

Sample Preparation and Pre-Incubation— Prepare the product to be examined as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests ⟨61⟩* , and use the quantity corresponding to not less than 10 g or 10 mL to inoculate a suitable amount (determined as described under *Suitability of the Test Method*) of *Soybean–Casein Digest Broth,* mix, and incubate at 30° to 35° for 18 to 24 hours.

Selection and Subculture— Transfer 0.1 mL of *Soybean–Casein Digest Broth* to 10 mL of *Rappaport Vassiliadis Salmonella Enrichment Broth,* and incubate at 30° to 35° for 18 to 24 hours. Subculture on plates of *Xylose Lysine Deoxycholate Agar*. Incubate at 30° to 35° for 18 to 48 hours.

Interpretation— The possible presence of *Salmonella* is indicated by the growth of well-developed, red colonies, with or without black centers. This is confirmed by identification tests.

The product complies with the test if colonies of the types described are not present or if the confirmatory identification tests are negative.

Pseudomonas aeruginosa

Sample Preparation and Pre-Incubation— Prepare a sample using a 1 in 10 dilution of not less than 1 g of the product to be examined as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩ , and use 10 mL or the quantity corresponding to 1 g or 1 mL to inoculate a suitable amount (determined as described under *Suitability of the Test Method*) of *Soybean–Casein Digest Broth,* and mix. When testing transdermal patches, filter the volume of sample corresponding to one patch of the preparation (see *Transdermal Patches* under *Preparation of the Sample* in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩) through a sterile filter membrane, and place in 100 mL of *Soybean–Casein Digest Broth*. Incubate at 30° to 35° for 18 to 24 hours.

Selection and Subculture— Subculture on a plate of *Cetrimide Agar,* and incubate at 30° to 35° for 18 to 72 hours.

Interpretation— Growth of colonies indicates the possible presence of *P. aeruginosa*. This is confirmed by identification tests.

   The product complies with the test if colonies are not present or if the confirmatory identification tests are negative.

Staphylococcus aureus

Sample Preparation and Pre-Incubation— Prepare a sample using a 1 in 10 dilution of not less than 1 g of the product to be examined as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩ , and use 10 mL or the quantity corresponding to 1 g or 1 mL to inoculate a suitable amount (determined as described under *Suitability of the Test Method*) of *Soybean–Casein Digest Broth*, and homogenize. When testing transdermal patches, filter the volume of sample corresponding to one patch of the preparation (see *Transdermal Patches* under *Preparation of the Sample* in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩) through a sterile filter membrane, and place in 100 mL of *Soybean–Casein Digest Broth*. Incubate at 30° to 35° for 18 to 24 hours.

Selection and Subculture— Subculture on a plate of *Mannitol Salt Agar,* and incubate at 30° to 35° for 18 to 72 hours.

Interpretation— The possible presence of *S. aureus* is indicated by the growth of yellow or white colonies surrounded by a yellow zone. This is confirmed by identification tests.

   The product complies with the test if colonies of the types described are not present or if the confirmatory identification tests are negative.

Clostridia

Sample Preparation and Heat Treatment— Prepare the product to be examined as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨61⟩ . Take two equal portions corresponding to not less than 1 g or 1 mL of the product to be examined. Heat one portion at 80° for 10 minutes, and cool rapidly. Do not heat the other portion.

Selection and Subculture— Transfer 10 mL of each of the mixed portions to two containers (38 mm × 200 mm) or other containers containing 100 mL of *Reinforced Medium for Clostridia*. Incubate under anaerobic conditions at 30° to 35° for 48 hours. After incubation, make subcultures from each tube on *Columbia Agar*, and incubate under anaerobic conditions at 30° to 35° for 48 hours.

Interpretation— The occurrence of anaerobic growth of rods (with or without endospores) giving a negative catalase reaction indicates the presence of *Clostridia.*

   If no anaerobic growth of microorganisms is detected on *Columbia Agar* or the catalase test is positive, the product complies with the test.

Candida albicans

Sample Preparation and Pre-Incubation— Prepare the product to be examined as described in *Microbiological Examination of Nonsterile Products: Microbial Enumeration Tests* ⟨ 61 ⟩ , and use 10 mL or the quantity corresponding to not less than 1 g or 1 mL, to inoculate 100 mL of *Sabouraud Dextrose Broth*, and mix. Incubate at 30° to 35° for 3 to 5 days.

Selection and Subculture— Subculture on a plate of *Sabouraud Dextrose Agar*, and incubate at 30° to 35 ° for 24 to 48 hours.

Interpretation— Growth of white colonies may indicate the presence of *C. albicans*. This is confirmed by identification tests.

   The product complies with the test if such colonies are not present or if the confirmatory identification tests are negative.

RECOMMENDED SOLUTIONS AND CULTURE MEDIA

   [NOTE — This section is given for information.]

   The following solutions and culture media have been found satisfactory for the purposes for which they are prescribed in the test for microbial contamination in the Pharmacopeia. Other media may be used if they have similar growth-promoting and inhibitory properties.

Stock Buffer Solution— Transfer 34 g of potassium dihydrogen phosphate to a 1000-mL volumetric flask, dissolve in 500 mL of *Purified Water*, adjust with sodium hydroxide to a pH of 7.2 ±0.2, add *Purified Water* to volume, and mix. Dispense in containers, and sterilize. Store at a temperature of 2° to 8°.

Phosphate Buffer Solution pH 7.2— Prepare a mixture of *Purified Water* and *Stock Buffer Solution* (800:1 v/v), and sterilize.

Buffered Sodium Chloride–Peptone Solution pH 7.0	
Potassium Dihydrogen Phosphate	3.6 g
Disodium Hydrogen Phosphate Dihydrate	7.2 g (equivalent to 0.067 M phosphate)
Sodium Chloride	4.3 g
Peptone (meat or casein)	1.0 g
Purified Water	1000 mL

Sterilize in an autoclave using a validated cycle.

Soybean–Casein Digest Broth	
Pancreatic Digest of Casein	17.0 g
Papaic Digest of Soybean	3.0 g

Soybean–Casein Digest Broth	
Sodium Chloride	5.0 g
Dibasic Hydrogen Phosphate	2.5 g
Glucose Monohydrate	2.5 g
Purified Water	1000 mL

Adjust the pH so that after sterilization it is 7.3 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Soybean–Casein Digest Agar	
Pancreatic Digest of Casein	15.0 g
Papaic Digest of Soybean	5.0 g
Sodium Chloride	5.0 g
Agar	15.0 g
Purified Water	1000 mL

Adjust the pH so that after sterilization it is 7.3 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Sabouraud Dextrose Agar	
Dextrose	40.0 g
Mixture of Peptic Digest of Animal Tissue and Pancreatic Digest of Casein (1:1)	10.0 g
Agar	15.0 g
Purified Water	1000 mL

Adjust the pH so that after sterilization it is 5.6 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Potato Dextrose Agar	
Infusion from potatoes	200 g
Dextrose	20.0 g
Agar	15.0 g
Purified Water	1000 mL

Adjust the pH so that after sterilization it is 5.6 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Sabouraud Dextrose Broth	
Dextrose	20.0 g
Mixture of Peptic Digest of Animal Tissue and Pancreatic Digest of Casein (1:1)	10.0 g
Purified Water	1000 mL

Adjust the pH so that after sterilization it is 5.6 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Enterobacteria Enrichment Broth Mossel	
Pancreatic Digest of Gelatin	10.0 g
Glucose Monohydrate	5.0 g
Dehydrated Ox Bile	20.0 g
Potassium Dihydrogen Phosphate	2.0 g
Disodium Hydrogen Phosphate Dihydrate	8.0 g
Brilliant Green	15 mg
Purified Water	1000 mL

Adjust the pH so that after heating it is 7.2 ± 0.2 at 25°. Heat at 100° for 30 minutes, and cool immediately.

Violet Red Bile Glucose Agar	
Yeast Extract	3.0 g
Pancreatic Digest of Gelatin	7.0 g
Bile Salts	1.5 g
Sodium Chloride	5.0 g
Glucose Monohydrate	10.0 g
Agar	15.0 g
Neutral Red	30 mg
Crystal Violet	2 mg
Purified Water	1000 mL

Adjust the pH so that after heating it is 7.4 ± 0.2 at 25°. Heat to boiling; do not heat in an autoclave.

MacConkey Broth	
Pancreatic Digest of Gelatin	20.0 g
Lactose Monohydrate	10.0 g
Dehydrated Ox Bile	5.0 g
Bromocresol Purple	10 mg
Purified Water	1000 mL

Adjust the pH so that after sterilzation it is 7.3 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

MacConkey Agar	
Pancreatic Digest of Gelatin	17.0 g
Peptones (meat and casein)	3.0 g
Lactose Monohydrate	10.0 g
Sodium Chloride	5.0 g
Bile Salts	1.5 g
Agar	13.5 g
Neutral Red	30.0 mg
Crystal Violet	1 mg
Purified Water	1000 mL

Adjust the pH so that after sterilization it is 7.1 ± 0.2 at 25°. Boil for 1 minute with constant shaking, then sterilize in an autoclave using a validated cycle.

Rappaport Vassiliadis Salmonella Enrichment Broth	
Soya Peptone	4.5 g
Magnesium Chloride Hexahydrate	29.0 g
Sodium Chloride	8.0 g
Dipotassium Phosphate	0.4 g
Potassium Dihydrogen Phosphate	0.6 g
Malachite Green	0.036 g
Purified Water	1000 mL

Dissolve, warming slightly. Sterilize in an autoclave using a validated cycle, at a temperature not exceeding 115°. The pH is to be 5.2 ± 0.2 at 25° after heating and autoclaving.

Xylose Lysine Deoxycholate Agar	
Xylose	3.5 g
L-Lysine	5.0 g
Lactose Monohydrate	7.5 g
Sucrose	7.5 g
Sodium Chloride	5.0 g
Yeast Extract	3.0 g
Phenol Red	80 mg
Agar	13.5 g
Sodium Deoxycholate	2.5 g
Sodium Thiosulfate	6.8 g
Ferric Ammonium Citrate	0.8 g
Purified Water	1000 mL

Adjust the pH so that after heating it is 7.4 ± 0.2 at 25°. Heat to boiling, cool to 50°, and pour into Petri dishes. Do not heat in an autoclave.

Cetrimide Agar	
Pancreatic Digest of Gelatin	20.0 g
Magnesium Chloride	1.4 g
Dipotassium Sulfate	10.0 g
Cetrimide	0.3 g
Agar	13.6 g
Purified Water	1000 mL
Glycerol	10.0 mL

Heat to boiling for 1 minute with shaking. Adjust the pH so that after sterilization it is 7.2 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Mannitol Salt Agar	
Pancreatic Digest of Casein	5.0 g

Mannitol Salt Agar	
Peptic Digest of Animal Tissue	5.0 g
Beef Extract	1.0 g
D-Mannitol	10.0 g
Sodium Chloride	75.0 g
Agar	15.0 g
Phenol Red	0.025 g
Purified Water	1000 mL

Heat to boiling for 1 minute with shaking. Adjust the pH so that after sterilization it is 7.4 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Reinforced Medium for Clostridia	
Beef Extract	10.0 g
Peptone	10.0 g
Yeast Extract	3.0 g
Soluble Starch	1.0 g
Glucose Monohydrate	5.0 g
Cysteine Hydrochloride	0.5 g
Sodium Chloride	5.0 g
Sodium Acetate	3.0 g
Agar	0.5 g
Purified Water	1000 mL

Hydrate the agar, and dissolve by heating to boiling with continuous stirring. If necessary, adjust the pH so that after sterilization it is about 6.8 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle.

Columbia Agar	
Pancreatic Digest of Casein	10.0 g
Meat Peptic Digest	5.0 g
Heart Pancreatic Digest	3.0 g
Yeast Extract	5.0 g
Maize Starch	1.0 g
Sodium Chloride	5.0 g
Agar, according to gelling power	10.0–15.0 g
Purified Water	1000 mL

Hydrate the agar, and dissolve by heating to boiling with continuous stirring. If necessary, adjust the pH so that after sterilization it is 7.3 ± 0.2 at 25°. Sterilize in an autoclave using a validated cycle. Allow to cool to 45° to 50°; add, where necessary, gentamicin sulfate corresponding to 20 mg of gentamicin base, and pour into Petri dishes.

✶ (Official May 1, 2009) ✶2

■2S (*USP29*)

AN UPDATED DIETARY INTAKE ASSESSMENT OF EPICOR® BY THE U.S. POPULATION

Exponent®

AN UPDATED DIETARY INTAKE ASSESSMENT OF EPICOR® BY THE U.S. POPULATION

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List of Acronyms

DHHS	U.S. Department of Health and Human Services
CFIA	Canadian Food Inspection Agency
EDI	Estimated Daily Intake
FARE®	Foods Analysis and Residue Evaluation Program
FDA	U.S. Food and Drug Administration
FNDDS	Food and Nutrient Database for Dietary Studies
g	Gram
mL	Milliliter
NCHS	National Center for Health Statistics
NHANES	National Health and Nutrition Examination Survey
RACC	Reference Amounts Customarily Consumed
RTD	Ready-to-drink
RTE	Ready-to-eat
U.S.	United States
USDA	U.S. Department of Agriculture
WWEIA	What We Eat in America

Introduction

At the request of Cargill, Inc. (Cargill), Exponent, Inc. (Exponent) conducted an intake assessment to update the estimated daily intake (EDI) of EpiCor® previously reported and prepared in 2009 for Embria Health Sciences (Exponent, 2009), a Cargill acquisition. The present assessment of EpiCor®, a dried fermentate resulting from the anaerobic fermentation of *Saccharomyces cerevisiae* and nutrients, and current yeast consumption estimates were based on food consumption data reported in the What We Eat in America (WWEIA) dietary component of the National Health and Nutrition Examination Survey (NHANES) 2013-2016 among the total overall U.S. population. The data and methods used to conduct the intake assessment and results are summarized in this report.

Data and Methods

Proposed Uses and Level

EpiCor® is proposed for use in 17 food and beverage categories as presented in Table 1 at a single maximum use level of 500 mg/serving. The amount of food to which EpiCor® will be added (i.e., a food serving) corresponds to the gram (g) weight, cup weight, or milliliter (mL) volume of food as specified by Reference Amounts Customarily Consumed (RACCs) for food labeling based on the U.S. Food and Drug Administration's (FDA) final rule effective July 26, 2016 with the compliance date of July 26, 2018 (FR 2016). Table 1 lists the proposed food categories for EpiCor® addition, summary of the NHANES food selection within each food category, and the serving size associated with each food category.

Table 1.   Proposed Uses of EpiCor®

21 CFR §170.3 Food Category	Proposed Food Use for the Addition of EpiCor®	Description of Proposed Use Selection within NHANES	Serving Size (as consumed)[a]
30 Milk	Milk	Milk, plain, including whole, nonfat, low fat, reduced fat	240 mL
31 Milk products	Flavored milks and milk drinks	Milk drinks (e.g., chocolate milk, cocoa/hot chocolate, milk shake, fruit smoothies), meal replacement beverages	240 mL
		Meal replacement powder	Amount to make 240 mL
	Snack dips, spreads	Sour cream, sour cream-based dip	30 g
	Milk, other	Buttermilk	240 mL
		Condensed milk, evaporated milk	30 mL
		Cream	15 mL
		Half and half	30 mL
		Yogurt	170 g
20 Frozen dairy desserts and mixes	Frozen yogurt	Frozen yogurt	2/3 cup
35 Processed fruits and fruit juices	100% fruit juices	100% juices including apple, grape, grapefruit, pineapple, orange, and fruit blend juices	240 mL
	Processed juice drinks	Fruit nectar, fruit juice drinks, and vegetable and fruit juice drinks	240 mL

21 CFR §170.3 Food Category	Proposed Food Use for the Addition of EpiCor®	Description of Proposed Use Selection within NHANES	Serving Size (as consumed)[a]
7 Coffee and tea	Ready-To-Drink (RTD) tea beverages	RTD tea	360 mL
3 Beverages and beverage bases, nonalcoholic	Sport/fitness water beverages	Sport drinks (e.g., Gatorade), enhance or fortified waters (e.g., Glaceau Vitamin Water)	360 mL
	Fruit flavored drinks	Fruit flavored drinks	240 mL
1 Baked goods and baking mixes	Breads	Crouton	7 g
		Breadstick (hard)	15 g
		Bread/rolls	50 g
		Breadstick (soft), coffee cake, croissant, English muffin, pizza crust, sweet quick type breads, sweet rolls,	55 g
		Bagel	110 g
		Stuffing	100 g
	Ready-To-Eat (RTE) bars	Cereal bars, granola bars, nutrition bars	40 g
4 Breakfast cereals	RTE dry cereals	RTE breakfast cereals weighing less than 20 g per cup	15 g
		RTE breakfast cereals weighing 20 g or more but less than 43 g per cup	40 g
		RTE breakfast cereals weighing 43 g or more per cup	60 g
25 Hard candy and cough drops	Hard candy[b]	Hard candy, butterscotch hard candy	5 g
38 Soft candy	Mints[b]	Mints	2 g
33 Plant protein products	Tofu	Tofu	85 g
		Tofu frozen dessert	160 g
		Soy yogurt	2/3 cup
40 Soups and soup mixes, commercial	Soups/broth	Ready-To-Serve (RTS)/prepared soup	245 g
		Dry soup mix	Amount to make 245 g
		Condensed soup	Amount to make 245 g

[a] Serving size correspond to values in Table 2 – Reference Amounts Customarily Consumed per Eating Occasion: General Food Supply as cited in FR Vol 81, No. 103, Friday, May 27, 2016, pp 34000-47. Available at: https://www.govinfo.gov/content/pkg/FR-2016-05-27/pdf/2016-11865.pdf. Serving size as a volume measure (e.g., cup, mL, tbsp) assumed that 1 mL = 1 g.
[b] Food code for hard candy (91745020) represents a vast array of hard candies including mints and was selected to represent EpiCor® proposed uses in both hard candy and mints assuming the mint serving size of 2 g.

Consumption Data

Estimates of intake were based on food consumption records collected in the WWEIA component of NHANES conducted in 2013-2014 and 2015-2016 cycles (NHANES 2013-2016). This continuous survey is a complex, multistage, probability sample designed to be representative of the civilian U.S. population (NCHS 2016, 2018). The NHANES datasets provide nationally representative nutrition and health data and prevalence estimates for nutrition and health status measures in the U.S. Statistical weights are provided by the National Center for Health Statistics (NCHS) to adjust for the differential probabilities of selection.

NHANES 24-Hour Recall

As part of the examination, trained dietary interviewers collected detailed information on all foods and beverages consumed by respondents in the previous 24-hour time period (midnight to midnight). A second dietary recall was administered by telephone three to ten days after the first dietary interview, but not on the same day of the week as the first interview. The dietary component of the survey is conducted as a partnership between the U.S. Department of Agriculture (USDA) and the U.S. Department of Health and Human Services (DHHS). DHHS is responsible for the sample design and data collection, and USDA is responsible for the survey's dietary data collection methodology, maintenance of the databases used to code and process the data, and data review and processing. A total of 14,601 individuals in the 2013-2016 survey period provided two complete days of dietary recalls.

Representative NHANES Foods

Exponent reviewed all foods reported consumed during NHANES 2013-2016 for foods representative of the proposed uses of EpiCor®. The USDA Food and Nutrient Database for Dietary Studies (FNDDS) recipes were utilized to identify the weight of ingredients in foods which allowed for the estimation of the foods with proposed uses of EpiCor® that can be consumed as is or as a component in a food (e.g., bread in sandwiches, sour cream in burritos and other mixed dishes, etc.). The FNDDS version 2015-2016 recipes (corresponding to dietary consumption for NHANES 2015-2016) (USDA 2018) were applied to process dietary recall data reported in NHANES 2013-2016 and FNDDS version 2013-2014 recipes (corresponding to

dietary consumption for NHANES 2013-2014) (USDA 2016) for foods that were only reported consumed in NHANES 2013-2014.

For the proposed use of EpiCor® in mints, there were no NHANES food codes exclusively corresponding to mints. However, the food code for hard candy (91745020) represents a vast array of hard candies including mints and was selected to be representative of the proposed uses of EpiCor® in both hard candy and mints assuming the mint serving size of 2 g. A summary of the foods included in the analysis is provided in Table 1 and the listing of foods identified as representative of the proposed uses and used to complete the analysis is presented in Appendix A.

Analysis

The 2-day average intakes were estimated using Exponent's Foods Analysis and Residues Evaluation Program (FARE® version 13.6) software and provided on a *per capita* and *per user* basis at the mean and 90th percentile of intake for the total overall U.S. population. *Per capita* estimates refer to the consumption based on the entire population whereas *per user* estimates refer to the consumption among those who reported consuming the proposed food(s) on either of the survey days. All estimates were generated with statistical weights provided by the NCHS for the surveys to adjust for the differential probabilities of selection.

Estimated Daily Intake of EpiCor®

For each NHANES survey respondent, estimates of all proposed food uses in units of servings were calculated from the diet recall records by dividing the gram weight of each relevant portion of food consumed by its corresponding serving size. Intakes from all proposed use categories combined were summed for each survey respondent and the 2-day average intake was calculated by dividing the sum by two. Estimates of EpiCor® intake from the proposed uses were calculated by multiplying the maximum proposed concentration of EpiCor® (i.e., 500 mg per serving) by the number of servings consumed by the population.

Current Yeast Consumption

In comparison to the approach taken in 2009 to estimate the background dietary yeast intake, the current approach relies on recent publicly available recipe data from USDA and are reflective of the food supply during the survey cycles corresponding to the data used in this assessment. The previous approach relied on proprietary recipes applicable to the survey cycle covered in the previous assessment. The recipes were developed by Exponent based on intermediate USDA recipes and are now obsolete. As such, the current approach uses the most recent publicly available recipes applicable to the survey cycles covered in the current assessment. The following describes the present approach taken to estimate the current (i.e., background) dietary intake of yeast.

Similar to the identification of proposed foods consumed as is or as a component in a food, yeast was also identified through the USDA FNNDS. It should be noted that the FNDDS recipe database does not comprehensively capture yeast in foods as a total of only 30 foods out of approximately 7,000 foods reported consumed in NHANES 2013-16 were identified as containing yeast as an ingredient. The foods identified as containing yeast belonged in USDA WWEIA-designated categories of biscuit, muffins, quick breads; doughnuts, sweet rolls, pastries; egg/breakfast sandwiches (single code); pizza; turnovers and other grain-based items; and yeast breads. After a review of the types of foods within these WWEIA food categories, it was assumed that all, if not most, foods within the following WWEIA food categories would contain the average yeast amount from a similar food category with yeast data: bagels and English muffins; cracker; doughnuts, sweet rolls, pastries; pretzels/snack mix; rolls and buns; turnovers and other grain-based items; and yeast breads. Further, food mixtures containing a yeast-containing ingredient (e.g., bread, roll, bagel, and croissant) were identified and included towards the estimation of yeast assuming an average yeast proportion.

For each NHANES survey respondent, the gram weight of the yeast portion of the foods consumed was summed on both days of intake and divided by two to create an estimate of the 2-day average intake. The listing of yeast-containing foods for which only the yeast component was included in the analysis is presented in Appendix B.

Results

EDI of Proposed Food Uses and EpiCor®

The estimated daily intakes (EDIs) of the foods and beverages representative of the proposed uses of EpiCor® are summarized in Table 2 for the total U.S. population. Overall, approximately 99% of the total U.S. population reported intake of any of the proposed food uses of EpiCor® on either of the two days of dietary recall. The two-day average per user mean and 90th percentile of intake of all proposed food uses were estimated to be 597 g/day and 1166 g/day, respectively.

The estimated intake of EpiCor® from the proposed uses are presented in Table 3. Among users of the proposed foods and beverages of EpiCor®, the mean and 90th percentile intake of EpiCor® among the total U.S. population was estimated to be 2.2 g/day and 3.8 g/day, respectively.

Table 2. Two-day average estimated daily intake (EDI) of foods and beverages (g/day) with proposed uses of EpiCor® among the total U.S. population; NHANES 2013-2016

Proposed Food Use	N[1]	% User	Per Capita		Per User	
			- - - - g/day - - - -			
			Mean	90th Percentile	Mean	90th Percentile
Milk	11,005	75	140.2	385.4	186.7	442.7
Flavored milks and milk drinks	3,168	21	43.7	171.4	211.2	431.2
Milk - snack dips, spreads	1,463	12	2.4	6.8	20.3	42.9
Milk, other	4,483	35	23.4	85.1	67.1	166.6
Frozen yogurt	223	2	1.6	0	92.3	182.5
100% fruit juices	4,986	30	59.4	209.6	200.4	381.8
Processed juice drinks	2,888	16	33.2	123.7	204.2	407.8
RTD tea beverages	2,434	20	95.8	311.2	472.4	987.7
Sport/fitness water beverages	1,108	8	33.4	0.0	430.6	811.6
Fruit flavored drinks	1,868	12	30.7	76.2	267.1	540.4
Breads	12,126	87	70.8	152.7	81.7	161.7
RTE bars	1,276	12	3.3	12.0	28.1	50.9
RTE dry cereals	5,180	35	12.3	41.8	35.2	66.7
Hard candy and mints	939	6	0.7	0	11.1	24.1
Tofu	307	2	1.0	0	48.0	92.1
Soups/broth	3,444	23	36.9	138.6	162.1	370.4
Total, all proposed foods	14,113	99	589	1162	597	1166

[1]Unweighted number of users; % user, *per capita* and *per user* estimates based on NHANES 2013-2016 and derived using the statistical weights provided by the National Center for Health Statistics (NCHS).

Table 3. Two-day average estimated daily intake (EDI) of EpiCor® from all proposed food uses among the total U.S. population; NHANES 2013-2016

Total U.S. population	N[1]	% User	Per Capita		Per User	
			- - - - g/day - - - -			
			Mean	90th Percentile	Mean	90th Percentile
EpiCor® from all proposed food uses	14,113	99	2.1	3.8	2.2	3.8

[1]Unweighted number of users; % user, *per capita* and *per user* estimates based on NHANES 2013-2016 and derived using the statistical weights provided by the National Center for Health Statistics (NCHS).

Current Yeast Consumption

Two-day average estimates of the current dietary intake of yeast in the U.S. diet are presented in Table 4. Overall, approximately 91% of the total U.S. population reported intake of yeast or a yeast-containing food on either of the two days of dietary recall. Among users of yeast, the mean and 90th percentile intake of yeast among the total U.S. population was estimated to be 0.76 g/day and 1.48 g/day, respectively.

In comparison to the background intake of yeast presented in the 2009 assessment, the current intake estimates of yeast are lower than previously reported with the per user mean intake at 1.5 g/day and the intake at the 90th percentile at 3.0 g/day (Exponent, 2009). The difference in the estimated intake of yeast can be attributed to the underlying recipe data and approach as well as potential changes in consumption patterns between the survey cycle used in the previous assessment (i.e., NHANES 2003-2004) and the current assessment (i.e., NHANES 2013-2016).

The Canadian Food Inspection Agency (CFIA) in its Guide to Food Labeling and Advertising (CFIA 2018) also provided a reasonably daily intake of 14 g/day for yeast. For most foods, the reasonably daily intake is considered to be one average serving of food. The reasonable daily intake is used by the CFIA to determine the amount of vitamin and mineral nutrients that may be present in the food when they are added.

Table 4. Two-day average estimated daily intake (EDI) of yeast from the current diet (g/day); NHANES 2013-2016

			Per Capita		Per User	
			- - - - g/day - - - -			
Total U.S. population	N[1]	% User	Mean	90th Percentile	Mean	90th Percentile
Yeast	12,781	91	0.69	1.44	0.76	1.48

[1]Unweighted number of users; % user, *per capita* and *per user* estimates based on NHANES 2013-2016 and derived using the statistical weights provided by the National Center for Health Statistics (NCHS).

Comparison of EpiCor® Intake with Yeast Intake in the Current Diet

Assuming the same maximum yeast-equivalent for EpiCor® of 33% by weight previously reported in the 2009 assessment (Exponent, 2009), the yeast-equivalent intake from estimates of EpiCor® were calculated. Among users of EpiCor®, the yeast-equivalent intake from EpiCor® and its proposed food uses at the mean and 90th percentile of intake is 0.72 g/day and 1.26 g/day, respectively, and are below the corresponding per user mean and 90th percentile intakes of the current U.S. daily intake of yeast at 0.76 g/day and 1.48 g/day, respectively (see Table 4).

In comparison to the reasonably daily intake for yeast established by the CFIA, the per user 90th percentile of the yeast-equivalent intake from EpiCor® of 1.26 g/day is well below the yeast reasonably daily intake of 14 g/day. This assumes that the identity of the yeast for which the CFIA has established a reasonably daily intake is similar to EpiCor®.

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Appendix A: NHANES Food Codes Representative of the Proposed Uses of EpiCor® and Used to Estimate the Daily Intake of EpiCor®

Proposed Food Use	Food code	Food description
Milk		
	11100000	Milk, NFS
	11111000	Milk, whole
	11111170	Milk, calcium fortified, fat free (skim)
	11112110	Milk, reduced fat (2%)
	11112210	Milk, low fat (1%)
	11113000	Milk, fat free (skim)
	11114300	Milk, lactose free, low fat (1%)
	11114320	Milk, lactose free, fat free (skim)
	11114330	Milk, lactose free, reduced fat (2%)
	11114350	Milk, lactose free, whole
	11440050	Spinach dip, yogurt based*
	13210110	Pudding, bread*
	13210270	Custard, Puerto Rican style*
	13210300	Custard*
	13210450	Pudding, rice flour, and nuts*
	13210500	Pudding, tapioca, made from home recipe, made with milk*
	13210520	Pudding, tapioca, made from dry mix, made with milk*
	13210610	Pudding, coconut*
	13210810	Pumpkin pudding, Puerto Rican style*
	13220110	Pudding, flavors other than chocolate, prepared from dry mix, milk added*
	13220120	Pudding, chocolate, prepared from dry mix, milk added*
	13220210	Pudding, flavors other than chocolate, prepared from dry mix, low calorie, containing artificial sweetener, milk added*
	13220220	Pudding, chocolate, prepared from dry mix, low calorie, containing artificial sweetener, milk added*
	13241000	Pudding, with fruit and vanilla wafers*
	13250000	Mousse, chocolate*
	13411000	White sauce, milk sauce*
	13412000	Milk gravy, quick gravy*
	14610520	Cheese with nuts*
	14620200	Cheese dip*
	14630200	Cheese souffle*
	14650100	Cheese sauce*
	14650150	Cheese sauce made with lowfat cheese*
	14710100	Cheddar cheese soup, home recipe, canned or ready-to-serve*
	21103110	Beef steak, breaded or floured, baked or fried, NS as to fat eaten*
	21103120	Beef steak, breaded or floured, baked or fried, lean and fat eaten*
	21103130	Beef steak, breaded or floured, baked or fried, lean only eaten*
	21500200	Ground beef or patty, breaded, cooked*
	22101410	Pork chop, battered, fried, lean and fat eaten*
	22101420	Pork chop, battered, fried, lean only eaten*

Proposed Food Use	Food code	Food description
	22201060	Pork steak or cutlet, battered, fried, lean and fat eaten*
	22201070	Pork steak or cutlet, battered, fried, lean only eaten*
	24107000	Chicken, NS as to part, coated, baked or fried, prepared with skin, NS as to skin/coating eaten, fat added in cooking*
	24107001	Chicken, NS as to part, coated, baked or fried, prepared with skin, NS as to skin/coating eaten, fat not added in cooking*
	24107010	Chicken, NS as to part, coated, baked or fried, prepared with skin, skin/coating eaten, fat added in cooking*
	24107040	Chicken, NS as to part, coated, baked or fried, prepared skinless, NS as to coating eaten, fat added in cooking*
	24107050	Chicken, NS as to part, coated, baked or fried, prepared skinless, coating eaten, fat added in cooking*
	24127100	Chicken, breast, coated, baked or fried, prepared with skin, NS as to skin/coating eaten, fat added in cooking*
	24127110	Chicken, breast, coated, baked or fried, prepared with skin, skin/coating eaten, NS as to type of fat added in cooking*
	24127112	Chicken, breast, coated, baked or fried, prepared with skin, skin/coating eaten, made with butter*
	24127113	Chicken, breast, coated, baked or fried, prepared with skin, skin/coating eaten, made with oil*
	24127115	Chicken, breast, coated, baked or fried, prepared with skin, skin/coating eaten, made without fat*
	24127140	Chicken, breast, coated, baked or fried, prepared skinless, NS as to coating eaten, fat added in cooking*
	24127141	Chicken, breast, coated, baked or fried, prepared skinless, NS as to coating eaten, fat not added in cooking*
	24127150	Chicken, breast, coated, baked or fried, prepared skinless, coating eaten, NS as to type of fat added in cooking*
	24127151	Chicken, breast, coated, baked or fried, prepared skinless, coating eaten, made with shortening*
	24127152	Chicken, breast, coated, baked or fried, prepared skinless, coating eaten, made with butter*
	24127153	Chicken, breast, coated, baked or fried, prepared skinless, coating eaten, made with oil*
	24127154	Chicken, breast, coated, baked or fried, prepared skinless, coating eaten, made with cooking spray*
	24127155	Chicken, breast, coated, baked or fried, prepared skinless, coating eaten, made without fat*
	24137210	Chicken, leg (drumstick and thigh), coated, baked or fried, prepared with skin, skin/coating eaten, fat added in cooking*
	24137211	Chicken, leg (drumstick and thigh), coated, baked or fried, prepared with skin, skin/coating eaten, fat not added in cooking*
	24137250	Chicken, leg (drumstick and thigh), coated, baked or fried, prepared skinless, coating eaten, fat added in cooking*
	24137251	Chicken, leg (drumstick and thigh), coated, baked or fried, prepared skinless, coating eaten, fat not added in cooking*
	24147210	Chicken, drumstick, coated, baked or fried, prepared with skin, skin/coating eaten, NS as to type of fat added in cooking*

Proposed Food Use	Food code	Food description
	24147212	Chicken, drumstick, coated, baked or fried, prepared with skin, skin/coating eaten, made with butter*
	24147213	Chicken, drumstick, coated, baked or fried, prepared with skin, skin/coating eaten, made with oil*
	24147215	Chicken, drumstick, coated, baked or fried, prepared with skin, skin/coating eaten, made without fat*
	24147250	Chicken, drumstick, coated, baked or fried, prepared skinless, coating eaten, NS as to type of fat added in cooking*
	24147251	Chicken, drumstick, coated, baked or fried, prepared skinless, coating eaten, made with shortening*
	24147252	Chicken, drumstick, coated, baked or fried, prepared skinless, coating eaten, made with butter*
	24147253	Chicken, drumstick, coated, baked or fried, prepared skinless, coating eaten, made with oil*
	24147255	Chicken, drumstick, coated, baked or fried, prepared skinless, coating eaten, made without fat*
	24157210	Chicken, thigh, coated, baked or fried, prepared with skin, skin/coating eaten, NS as to type of fat added in cooking*
	24157213	Chicken, thigh, coated, baked or fried, prepared with skin, skin/coating eaten, made with oil*
	24157215	Chicken, thigh, coated, baked or fried, prepared with skin, skin/coating eaten, made without fat*
	24157250	Chicken, thigh, coated, baked or fried, prepared skinless, coating eaten, NS as to type of fat added in cooking*
	24157253	Chicken, thigh, coated, baked or fried, prepared skinless, coating eaten, made with oil*
	24157255	Chicken, thigh, coated, baked or fried, prepared skinless, coating eaten, made without fat*
	24167110	Chicken, wing, coated, baked or fried, prepared with skin, skin/coating eaten, NS as to type of fat added in cooking*
	24167113	Chicken, wing, coated, baked or fried, prepared with skin, skin/coating eaten, made with oil*
	24167115	Chicken, wing, coated, baked or fried, prepared with skin, skin/coating eaten, made without fat*
	26100130	Fish, NS as to type, coated, baked or broiled, made with oil*
	26100133	Fish, NS as to type, coated, baked or broiled, made without fat*
	26107130	Catfish, coated, baked or broiled, made with oil*
	26107133	Catfish, coated, baked or broiled, made without fat*
	26109130	Cod, coated, baked or broiled, made with oil*
	26109133	Cod, coated, baked or broiled, made without fat*
	26109134	Cod, coated, baked or broiled, made with cooking spray*
	26115130	Flounder, coated, baked or broiled, made with oil*
	26115132	Flounder, coated, baked or broiled, made with margarine*
	26115133	Flounder, coated, baked or broiled, made without fat*
	26117130	Haddock, coated, baked or broiled, fat added in cooking*
	26117131	Haddock, coated, baked or broiled, fat not added in cooking*
	26119130	Herring, coated, baked or broiled, fat added in cooking*
	26119131	Herring, coated, baked or broiled, fat not added in cooking*
	26125130	Ocean perch, coated, baked or broiled, fat added in cooking*

Proposed Food Use	Food code	Food description
	26133130	Porgy, coated, baked or broiled, fat added in cooking*
	26137130	Salmon, coated, baked or broiled, made with oil*
	26137131	Salmon, coated, baked or broiled, made with butter*
	26137133	Salmon, coated, baked or broiled, made without fat*
	26137134	Salmon, coated, baked or broiled, made with cooking spray*
	26149130	Swordfish, coated, baked or broiled, fat added in cooking*
	26151130	Trout, coated, baked or broiled, made with oil*
	26151133	Trout, coated, baked or broiled, made without fat*
	26153130	Tuna, fresh, coated, baked or broiled, fat added in cooking*
	26157133	Whiting, coated, baked or broiled, made without fat*
	26158020	Tilapia, coated, baked or broiled, made with oil*
	26158021	Tilapia, coated, baked or broiled, made with butter*
	26158023	Tilapia, coated, baked or broiled, made without fat*
	26158024	Tilapia, coated, baked or broiled, made with cooking spray*
	26305130	Crab, coated, baked or broiled, fat added in cooking*
	26315160	Oysters, coated, baked or broiled, fat added in cooking*
	26317160	Scallops, coated, baked or broiled, fat added in cooking*
	26319160	Shrimp, coated, baked or broiled, made with oil*
	26319163	Shrimp, coated, baked or broiled, made without fat*
	26319164	Shrimp, coated, baked or broiled, made with cooking spray*
	27113200	Creamed chipped or dried beef*
	27113300	Swedish meatballs with cream or white sauce*
	27114000	Beef with mushroom sauce*
	27116300	Beef with sweet and sour sauce*
	27120120	Sausage gravy*
	27144000	Chicken or turkey with mushroom sauce*
	27211190	Beef and potatoes with cream sauce, white sauce or mushroom sauce*
	27212050	Beef and macaroni with cheese sauce*
	27212100	Beef and noodles with tomato-based sauce*
	27212400	Beef and noodles with mushroom sauce*
	27213010	Biryani with meat*
	27214100	Meat loaf made with beef*
	27214110	Meat loaf made with beef, with tomato-based sauce*
	27220010	Meat loaf made with ham*
	27235000	Meat loaf made with venison/deer*
	27243100	Biryani with chicken*
	27243300	Chicken or turkey and rice with cream sauce*
	27243400	Chicken or turkey and rice with mushroom sauce*
	27246100	Chicken or turkey with dumplings*
	27246500	Meat loaf made with chicken or turkey*
	27246505	Meat loaf made with chicken or turkey, with tomato-based sauce*
	27250080	Salmon loaf*
	27250124	Shrimp and noodles with mushroom sauce*
	27250250	Flounder with crab stuffing*
	27250630	Tuna noodle casserole with mushroom sauce*
	27250710	Tuna and rice with mushroom sauce*
	27260010	Meat loaf, NS as to type of meat*
	27260080	Meat loaf made with beef and pork*
	27260090	Meat loaf made with beef, veal and pork*

Proposed Food Use	Food code	Food description
	27260100	Meat loaf made with beef and pork, with tomato-based sauce*
	27311510	Shepherd's pie with beef*
	27311610	Beef, potatoes, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27311620	Beef, potatoes, and vegetables excluding carrots, broccoli, and dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27315320	Beef, rice, and vegetables excluding carrots, broccoli, and dark-green leafy; mushroom sauce*
	27341035	Chicken or turkey, potatoes, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27341040	Chicken or turkey, potatoes, and vegetables excluding carrots, broccoli, and dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27343470	Chicken or turkey, noodles, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27343480	Chicken or turkey, noodles, and vegetables excluding carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27345410	Chicken or turkey, rice, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27345420	Chicken or turkey, rice, and vegetables excluding carrots, broccoli, and dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27347240	Chicken or turkey, dumplings, and vegetables including carrots, broccoli, and/or dark green leafy; gravy*
	27347250	Chicken or turkey, dumplings, and vegetables excluding carrots, broccoli, and dark green leafy; gravy*
	27414100	Beef with vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, mushroom sauce*
	27443110	Chicken or turkey a la king with vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, cream, white, or soup-based sauce*
	27443120	Chicken or turkey a la king with vegetables excluding carrorts, broccoli, and dark-green leafy; no potatoes, cream, white, or soup-based sauce*
	27443150	Chicken or turkey divan*
	27450660	Shellfish mixture and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, mushroom sauce*
	28110330	Salisbury steak with gravy, whipped potatoes, vegetable, dessert, frozen meal*
	28110380	Salisbury steak with gravy, macaroni and cheese, frozen meal*
	28140150	Chicken divan, frozen meal*
	28140810	Chicken, fried, with potatoes, vegetable, dessert, frozen meal*
	28141610	Chicken and vegetables in cream or white sauce, diet frozen meal*
	28144100	Chicken and vegetable entree with noodles and cream sauce, frozen meal*
	28145710	Turkey tetrazzini, frozen meal*
	28160300	Meat loaf dinner, NFS, frozen meal*
	28160310	Meat loaf with potatoes, vegetable, frozen meal*
	31102000	Egg, whole, cooked, NS as to cooking method*
	31106000	Egg, whole, baked, NS as to fat added in cooking*
	31106010	Egg, whole, baked, fat not added in cooking*
	31106020	Egg, whole, baked, fat added in cooking*
	32105190	Egg casserole with bread, cheese, milk and meat*
	32129990	Egg omelet or scrambled egg, NS as to fat added in cooking*
	32130000	Egg omelet or scrambled egg, made with margarine*

Proposed Food Use	Food code	Food description
	32130010	Egg omelet or scrambled egg, made with oil*
	32130020	Egg omelet or scrambled egg, made with butter*
	32130040	Egg omelet or scrambled egg, made with animal fat or meat drippings*
	32130060	Egg omelet or scrambled egg, made with cooking spray*
	32130065	Egg omelet or scrambled egg, NS as to type of fat*
	32130070	Egg omelet or scrambled egg, made without fat*
	32130100	Egg omelet or scrambled egg, with cheese, made with margarine*
	32130110	Egg omelet or scrambled egg, with cheese, made with oil*
	32130120	Egg omelet or scrambled egg, with cheese, made with butter*
	32130140	Egg omelet or scrambled egg, with cheese, made with animal fat or meat drippings*
	32130160	Egg omelet or scrambled egg, with cheese, made with cooking spray*
	32130170	Egg omelet or scrambled egg, with cheese, made without fat*
	32130190	Egg omelet or scrambled egg, with meat, NS as to fat added in cooking*
	32130200	Egg omelet or scrambled egg, with meat, made with margarine*
	32130210	Egg omelet or scrambled egg, with meat, made with oil*
	32130220	Egg omelet or scrambled egg, with meat, made with butter*
	32130240	Egg omelet or scrambled egg, with meat, made with animal fat or meat drippings*
	32130260	Egg omelet or scrambled egg, with meat, made with cooking spray*
	32130265	Egg omelet or scrambled egg, with meat, NS as to type of fat*
	32130270	Egg omelet or scrambled egg, with meat, made without fat*
	32130290	Egg omelet or scrambled egg, with cheese and meat, NS as to fat added in cooking*
	32130300	Egg omelet or scrambled egg, with cheese and meat, made with margarine*
	32130310	Egg omelet or scrambled egg, with cheese and meat, made with oil*
	32130320	Egg omelet or scrambled egg, with cheese and meat, made with butter*
	32130360	Egg omelet or scrambled egg, with cheese and meat, made with cooking spray*
	32130370	Egg omelet or scrambled egg, with cheese and meat, made without fat*
	32130400	Egg omelet or scrambled egg, with tomatoes, fat added in cooking*
	32130410	Egg omelet or scrambled egg, with tomatoes, fat not added in cooking*
	32130420	Egg omelet or scrambled egg, with tomatoes, NS as to fat added in cooking*
	32130430	Egg omelet or scrambled egg, with dark-green vegetables, fat added in cooking*
	32130440	Egg omelet or scrambled egg, with dark-green vegetables, fat not added in cooking*
	32130450	Egg omelet or scrambled egg, with dark-green vegetables, NS as to fat added in cooking*
	32130460	Egg omelet or scrambled egg, with tomatoes and dark-green vegetables, fat added in cooking*
	32130490	Egg omelet or scrambled egg, with vegetables other than dark green and/or tomatoes, fat added in cooking*
	32130500	Egg omelet or scrambled egg, with vegetables other than dark green and/or tomatoes, fat not added in cooking*
	32130510	Egg omelet or scrambled egg, with vegetables other than dark green and/or tomatoes, NS as to fat added in cooking*
	32130600	Egg omelet or scrambled egg, with cheese and tomatoes, fat added in cooking*
	32130610	Egg omelet or scrambled egg, with cheese and tomatoes, fat not added in cooking*
	32130620	Egg omelet or scrambled egg, with cheese and tomatoes, NS as to fat added in cooking*

Proposed Food Use	Food code	Food description
	32130630	Egg omelet or scrambled egg, with cheese and dark-green vegetables, fat added in cooking*
	32130640	Egg omelet or scrambled egg, with cheese and dark-green vegetables, fat not added in cooking*
	32130650	Egg omelet or scrambled egg, with cheese and dark-green vegetables, NS as to fat added in cooking*
	32130660	Egg omelet or scrambled egg, with cheese, tomatoes, and dark-green vegetables, fat added in cooking*
	32130680	Egg omelet or scrambled egg, with cheese, tomatoes, and dark-green vegetables, NS as to fat added in cooking*
	32130690	Egg omelet or scrambled egg, with cheese and vegetables other than dark green and/or tomatoes, fat added in cooking*
	32130700	Egg omelet or scrambled egg, with cheese and vegetables other than dark green and/or tomatoes, fat not added in cooking*
	32130710	Egg omelet or scrambled egg, with cheese and vegetables other than dark green and/or tomatoes, NS as to fat added in cooking*
	32130800	Egg omelet or scrambled egg, with meat and tomatoes, fat added in cooking*
	32130810	Egg omelet or scrambled egg, with meat and tomatoes, fat not added in cooking*
	32130820	Egg omelet or scrambled egg, with meat and tomatoes, NS as to fat added in cooking*
	32130830	Egg omelet or scrambled egg, with meat and dark-green vegetables, fat added in cooking*
	32130840	Egg omelet or scrambled egg, with meat and dark-green vegetables, fat not added in cooking*
	32130850	Egg omelet or scrambled egg, with meat and dark-green vegetables, NS as to fat added in cooking*
	32130890	Egg omelet or scrambled egg, with meat and vegetables other than dark-green and/or tomatoes, fat added in cooking*
	32130900	Egg omelet or scrambled egg, with meat and vegetables other than dark-green and/or tomatoes, fat not added in cooking*
	32130910	Egg omelet or scrambled egg, with meat and vegetables other than dark-green and/or tomatoes, NS as to fat added in cooking*
	32131000	Egg omelet or scrambled egg, with cheese, meat, and tomatoes, fat added in cooking*
	32131010	Egg omelet or scrambled egg, with cheese, meat, and tomatoes, fat not added in cooking*
	32131020	Egg omelet or scrambled egg, with cheese, meat, and tomatoes, NS as to fat added in cooking*
	32131030	Egg omelet or scrambled egg, with cheese, meat, and dark-green vegetables, fat added in cooking*
	32131040	Egg omelet or scrambled egg, with cheese, meat, and dark-green vegetables, fat not added in cooking*
	32131050	Egg omelet or scrambled egg, with cheese, meat, and dark-green vegetables, NS as to fat added in cooking*
	32131060	Egg omelet or scrambled egg, with cheese, meat, tomatoes, and dark-green vegetables, fat added in cooking*
	32131080	Egg omelet or scrambled egg, with cheese, meat, tomatoes, and dark-green vegetables, NS as to fat added in cooking*

Proposed Food Use	Food code	Food description
	32131090	Egg omelet or scrambled egg, with cheese, meat, and vegetables other than dark-green and/or tomatoes, fat added in cooking*
	32131100	Egg omelet or scrambled egg, with cheese, meat, and vegetables other than dark-green and/or tomatoes, fat not added in cooking*
	32131110	Egg omelet or scrambled egg, with cheese, meat, and vegetables other than dark-green and/or tomatoes, NS as to fat added in cooking*
	32131200	Egg omelet or scrambled egg, with potatoes and/or onions, fat added in cooking*
	32131210	Egg omelet or scrambled egg, with potatoes and/or onions, fat not added in cooking*
	32131220	Egg omelet or scrambled egg, with potatoes and/or onions, NS as to fat added in cooking*
	52101100	Biscuit, baking powder or buttermilk type, made from mix*
	52104010	Biscuit, baking powder or buttermilk type, made from home recipe*
	52104040	Biscuit, whole wheat*
	52104200	Biscuit, cinnamon-raisin*
	52202060	Cornbread, made from home recipe*
	52206060	Cornbread muffin, stick, round, made from home recipe*
	52220110	Arepa Dominicana*
	52302500	Muffin, chocolate chip*
	52302600	Muffin, chocolate*
	52303010	Muffin, whole wheat*
	52304000	Muffin, whole grain*
	52304100	Muffin, oatmeal*
	52306010	Muffin, plain*
	52306500	Muffin, pumpkin*
	52306550	Muffin, zucchini*
	52306700	Muffin, carrot*
	52311010	Popover*
	53115410	Cake or cupcake, oatmeal*
	53116570	Cake, Ravani*
	53118550	Cake, tres leche*
	53122080	Cake, shortcake, biscuit type, with fruit*
	53244020	Cookie, butter or sugar, with icing or filling other than chocolate*
	53342070	Pie, chocolate cream, individual size or tart*
	53343070	Pie, coconut cream, individual size or tart*
	53344200	Mixed fruit tart filled with custard or cream cheese*
	53345000	Pie, lemon cream*
	53345070	Pie, lemon cream, individual size or tart*
	53346000	Pie, peanut butter cream*
	53346500	Pie, pineapple cream*
	53347600	Pie, squash*
	53400200	Blintz, cheese-filled*
	53410100	Cobbler, apple*
	53410300	Cobbler, berry*
	53410500	Cobbler, cherry*
	53410800	Cobbler, peach*
	53410860	Cobbler, pineapple*
	53410900	Cobbler, rhubarb*
	53415120	Fritter, apple*

Proposed Food Use	Food code	Food description
	53415200	Fritter, banana*
	53415220	Fritter, berry*
	53430000	Crepe, NS as to filling*
	53430100	Crepe, chocolate filled*
	53430200	Crepe, fruit filled*
	53441210	Basbousa*
	53451500	Turnover, guava*
	53452170	Pastry, cookie type, fried*
	53452420	Pastry, puff, custard or cream filled, iced or not iced*
	53520150	Doughnut, cake type, chocolate covered, dipped in peanuts*
	53521100	Doughnut, chocolate, raised or yeast, with chocolate icing*
	53521130	Doughnut, raised or yeast, chocolate covered*
	53610100	Coffee cake, crumb or quick-bread type*
	53610170	Coffee cake, crumb or quick-bread type, with fruit*
	53610200	Coffee cake, crumb or quick-bread type, cheese-filled*
	55100005	Pancakes, NFS*
	55100015	Pancakes, plain, reduced fat, from fozen*
	55100050	Pancakes, plain, from fast food / restaurant*
	55100055	Pancakes, with fruit, from fast food / restaurant*
	55100060	Pancakes, with chocolate, from fast food / restaurant*
	55100065	Pancakes, whole grain, from fast food / restaurant*
	55101000	Pancakes, plain*
	55101015	Pancakes, plain, reduced fat*
	55103000	Pancakes, with fruit*
	55103020	Pancakes, pumpkin*
	55103100	Pancakes, with chocolate*
	55105000	Pancakes, buckwheat*
	55105100	Pancakes, cornmeal*
	55105200	Pancakes, whole grain*
	55105205	Pancakes, whole grain, reduced fat*
	55105210	Pancakes, whole wheat, fat free*
	55200030	Waffle, plain, reduced fat, from frozen*
	55200100	Waffle, plain, from fast food / restaurant*
	55200110	Waffle, chocolate, from fast food / restaurant*
	55200120	Waffle, fruit, from fast food / restaurant*
	55200130	Waffle, whole grain, from fast food / restaurant*
	55201000	Waffle, plain*
	55202000	Waffle, wheat, bran, or multigrain*
	55203000	Waffle, fruit*
	55203500	Waffle, nut and honey*
	55203600	Waffle, chocolate*
	55203700	Waffle, cinnamon*
	55205000	Waffle, whole grain*
	55211050	Waffle, plain, reduced fat*
	55212000	Waffle, whole grain, reduced fat*
	55300010	French toast, NFS*
	55300020	French toast, plain, from frozen*
	55300050	French toast, plain, from fast food / restaurant*
	55300060	French toast, from school, NFS*

Proposed Food Use	Food code	Food description
	55301000	French toast, plain*
	55301015	French toast, whole grain*
	55301020	French toast, whole grain, reduced fat*
	55301025	French toast, gluten free*
	55301031	French toast sticks, plain, from frozen*
	55301048	French toast sticks, from school, NFS*
	55301055	French toast sticks, whole grain*
	55310100	Fried bread, Puerto Rican style*
	55401000	Crepe, plain*
	55610300	Dumpling, plain*
	55801000	Funnel cake with sugar*
	55801010	Funnel cake with sugar and fruit*
	56201055	Grits, regular or quick, made with milk, NS as to fat added in cooking*
	56201056	Grits, regular or quick, made with milk, fat not added in cooking*
	56201057	Grits, regular or quick, made with milk, fat added in cooking*
	56201298	Grits, cooked, corn or hominy, NS as to regular, quick, or instant, made with milk, fat not added in cooking*
	56201320	Grits, cooked, corn or hominy, regular, made with milk, fat added in cooking*
	56201322	Grits, cooked, corn or hominy, regular, made with milk, fat not added in cooking*
	56201324	Grits, cooked, corn or hominy, regular, made with milk, NS as to fat added in cooking*
	56201330	Grits, cooked, corn or hominy, quick, made with milk, fat added in cooking*
	56201332	Grits, cooked, corn or hominy, quick, made with milk, fat not added in cooking*
	56201340	Grits, instant, made with milk, fat added in cooking*
	56201342	Grits, instant, made with milk, fat not added in cooking*
	56201530	Cornmeal mush, made with milk*
	56201540	Cornmeal, Puerto Rican Style*
	56201550	Cornmeal dumpling*
	56203066	Oatmeal, regular or quick, made with milk, fat not added in cooking*
	56203067	Oatmeal, regular or quick, made with milk, fat added in cooking*
	56203096	Oatmeal, instant, plain, made with milk, fat not added in cooking*
	56203097	Oatmeal, instant, plain, made with milk, fat added in cooking*
	56203210	Oatmeal, NS as to regular, quick, or instant, made with milk, fat not added in cooking*
	56203211	Oatmeal, cooked, regular, made with milk, fat not added in cooking*
	56203212	Oatmeal, cooked, quick (1 or 3 minutes), made with milk, fat not added in cooking*
	56203213	Oatmeal, cooked, instant, made with milk, fat not added in cooking*
	56203220	Oatmeal, NS as to regular, quick, or instant, made with milk, fat added in cooking*
	56203221	Oatmeal, cooked, regular, made with milk, fat added in cooking*
	56203222	Oatmeal, cooked, quick (1 or 3 minutes), made with milk, fat added in cooking*
	56203223	Oatmeal, cooked, instant, made with milk, fat added in cooking*
	56203233	Oatmeal, cooked, instant, made with milk, NS as to fat added in cooking*
	56205060	Rice, cooked, with milk*
	56205080	Rice, creamed, made with milk and sugar, Puerto Rican style*
	56205094	Rice, cream of, cooked, made with milk*
	56207022	Cream of wheat, regular or quick, made with milk, fat not added in cooking*
	56207023	Cream of wheat, regular or quick, made with milk, fat added in cooking*
	56207086	Wheat, cream of, cooked, regular, made with milk, fat added in cooking*
	56207087	Wheat, cream of, cooked, regular, made with milk, fat not added in cooking*

Proposed Food Use	Food code	Food description
	56207092	Wheat, cream of, cooked, quick, made with milk, fat not added in cooking*
	56207094	Cream of wheat, instant, made with milk, fat added in cooking*
	56207095	Cream of wheat, instant, made with milk, fat not added in cooking*
	56207212	Whole wheat cereal, cooked, made with milk*
	56207342	Whole wheat cereal, wheat and barley, cooked, made with milk*
	56208530	Oat bran cereal, cooked, made with milk, fat not added in cooking*
	58100000	Burrito, taco, or quesadilla with egg*
	58100005	Burrito, taco, or quesadilla with egg and potato*
	58100010	Burrito, taco, or quesadilla with egg and breakfast meat*
	58100015	Burrito, taco, or quesadilla with egg, potato, and breakfast meat*
	58100020	Burrito, taco, or quesadilla with egg, beans, and breakfast meat*
	58101800	Ground beef with tomato sauce and taco seasonings on a cornbread crust*
	58109210	Breakfast pizza with egg*
	58120110	Crepe, filled with meat, poultry, or seafood, with sauce*
	58120120	Crepe, filled with meat, poultry, or seafood, no sauce*
	58122220	Gnocchi, potato*
	58124210	Pastry, cheese-filled*
	58124220	Pastry, egg and cheese filled*
	58124230	Pastry, meat / poultry-filled*
	58127110	Vegetables in pastry*
	58127210	Croissant sandwich, filled with ham and cheese*
	58128000	Biscuit with gravy*
	58128120	Cornmeal dressing with chicken or turkey and vegetables*
	58131120	Ravioli, NS as to filling, with cream sauce*
	58131330	Ravioli, meat-filled, with cream sauce*
	58131535	Ravioli, cheese-filled, with cream sauce*
	58131600	Ravioli, cheese and spinach-filled, with cream sauce*
	58145110	Macaroni or noodles with cheese*
	58145112	Macaroni or noodles with cheese, made from packaged mix*
	58145119	Macaroni or noodles with cheese, made from reduced fat packaged mix*
	58145120	Macaroni or noodles with cheese and tuna*
	58145135	Macaroni or noodles with cheese and meat*
	58145136	Macaroni or noodles with cheese and meat, prepared from Hamburger Helper mix*
	58145140	Macaroni or noodles with cheese and tomato*
	58145160	Macaroni or noodles with cheese and frankfurters or hot dogs*
	58145170	Macaroni or noodles with cheese and egg*
	58145190	Macaroni or noodles with cheese and chicken or turkey*
	58151450	Sushi, topped with egg*
	58301110	Vegetable lasagna, frozen meal*
	58302000	Macaroni and cheese, diet frozen meal*
	58304010	Spaghetti and meatballs dinner, NFS, frozen meal*
	58304060	Spaghetti with meat sauce, diet frozen meal*
	58305250	Pasta with vegetable and cheese sauce, diet frozen meal*
	58306100	Chicken enchilada, diet frozen meal*
	71301020	White potato, cooked, with cheese*
	71301021	White potato, cooked, with cheese, fat not added in cooking*
	71301120	White potato, cooked, with ham and cheese*
	71305010	White potato, scalloped*
	71305011	White potato, scalloped, fat not added in cooking*

Proposed Food Use	Food code	Food description
	71305015	Potato, scalloped, NFS*
	71305030	Potato, scalloped, from fresh*
	71305040	Potato, scalloped, from fresh, with meat*
	71305050	Potato, scalloped, from dry mix*
	71305070	Potato, scalloped, ready-to-heat*
	71305110	White potato, scalloped, with ham*
	71401039	Potato, french fries, with cheese, fast food / restaurant*
	71401050	Potato, french fries, with chili and cheese, fast food / restaurant*
	71402500	Potato, french fries, with cheese*
	71402510	Potato, french fries, with chili and cheese*
	71501015	White potato, from fresh, mashed, made with milk, and sour cream and/or cream cheese*
	71501018	Potato, mashed, from school lunch*
	71501020	White potato, from fresh, mashed, made with milk and fat*
	71501025	White potato, from fresh, mashed, made with milk, and sour cream and/or cream cheese and fat*
	71501050	White potato, from fresh, mashed, made with milk, fat and cheese*
	71501060	White potato, from dry, mashed, made with milk, fat and egg*
	71501090	White potato, from dry, mashed, made with milk, no fat*
	71702000	Potato pudding*
	71945020	Yam buns; Puerto Rican style*
	72125240	Spinach souffle*
	72202030	Broccoli, batter-dipped and fried*
	73304010	Squash fritter or cake*
	73305020	Squash, winter, souffle*
	74202051	Tomatoes, red, from fresh, fried*
	75216070	Corn, dried, cooked*
	75340160	Vegetable and pasta combinations with cream or cheese sauce, broccoli, pasta, carrots, corn, zucchini, peppers, cauliflower, peas, etc., cooked*
	75403020	Beans, string, green, cooked, NS as to form, with mushroom sauce*
	75403022	Beans, string, green, cooked, from frozen, with mushroom sauce*
	75403023	Beans, string, green, cooked, from canned, with mushroom sauce*
	75411010	Corn, scalloped or pudding*
	75411020	Corn fritter*
	75417022	Peas, cooked, from frozen, with mushroom sauce*
	77230210	Cassava Pasteles, Puerto Rican style*
	77272010	Puerto Rican pasteles*
	91735000	Pralines*
	92101810	Coffee, macchiato*
	92101820	Coffee, macchiato, sweetened*
	92101850	Coffee, cafe con leche*
	92101851	Coffee, cafe con leche, decaffeinated*
	92101900	Coffee, Latte*
	92101901	Coffee, Latte, nonfat*
	92101904	Coffee, Latte, flavored*
	92101905	Coffee, Latte, nonfat, flavored*
	92101910	Coffee, Latte, decaffeinated*
	92101911	Coffee, Latte, decaffeinated, nonfat*
	92101917	Coffee, Latte, decaffeinated, flavored*

Proposed Food Use	Food code	Food description
	92101918	Coffee, Latte, decaffeinated, nonfat, flavored*
	92101920	Frozen coffee drink*
	92101921	Frozen coffee drink, nonfat*
	92101925	Frozen coffee drink, with whipped cream*
	92101926	Frozen coffee drink, nonfat, with whipped cream*
	92101930	Frozen coffee drink, decaffeinated*
	92101931	Frozen coffee drink, decaffeinated, nonfat*
	92101935	Frozen coffee drink, decaffeinated, with whipped cream*
	92101936	Frozen coffee drink, decaffeinated, nonfat, with whipped cream*
	92101950	Coffee, Cafe Mocha*
	92101955	Coffee, Cafe Mocha, nonfat*
	92101965	Coffee, Cafe Mocha, decaffeinated*
	92101970	Coffee, Cafe Mocha, decaffeinated, nonfat*
	92102000	Frozen mocha coffee drink*
	92102010	Frozen mocha coffee drink, nonfat*
	92102030	Frozen mocha coffee drink, with whipped cream*
	92102040	Frozen mocha coffee drink, nonfat, with whipped cream*
	92102090	Frozen mocha coffee drink, decaffeinated, with whipped cream*
	92102500	Coffee, Iced Latte*
	92102501	Coffee, Iced Latte, nonfat*
	92102503	Coffee, Iced Latte, flavored*
	92102600	Coffee, Iced Cafe Mocha*
	92161000	Coffee, Cappuccino*
	92161001	Coffee, Cappuccino, nonfat*
	92162000	Coffee, Cappuccino, decaffeinated*
	92162001	Coffee, Cappuccino, decaffeinated, nonfat*
	92171010	Coffee, bottled/canned, light*
	92306800	Tea, hot, chai, with milk*
Flavored milks and milk drinks		
	11511000	Chocolate milk, NFS
	11511100	Chocolate milk, ready to drink, whole
	11511200	Chocolate milk, ready to drink, reduced fat
	11511300	Chocolate milk, ready to drink, fat free
	11511400	Chocolate milk, ready to drink, low fat
	11511550	Chocolate milk, ready to drink, reduced sugar, NS as to milk
	11511600	Chocolate milk, ready to drink, low fat (Nesquik)
	11511610	Chocolate milk, ready to drink, fat free (Nesquik)
	11511700	Chocolate milk, ready to drink, low fat, no sugar added (Nesquik)
	11512010	Hot chocolate / Cocoa, ready to drink
	11512020	Hot chocolate / Cocoa, ready to drink, made with nonfat milk
	11512100	Hot chocolate / Cocoa, ready to drink, with whipped cream*
	11512110	Hot chocolate / Cocoa, ready to drink, made with nonfat milk and whipped cream*
	11513000	Chocolate milk, made from dry mix, NS as to type of milk
	11513100	Chocolate milk, made from dry mix with whole milk
	11513150	Chocolate milk, made from dry mix with reduced fat milk
	11513200	Chocolate milk, made from dry mix with low fat milk
	11513300	Chocolate milk, made from dry mix with fat free milk
	11513355	Chocolate milk, made from reduced sugar mix with whole milk
	11513360	Chocolate milk, made from reduced sugar mix with reduced fat milk

Proposed Food Use	Food code	Food description
	11513365	Chocolate milk, made from reduced sugar mix with low fat milk
	11513380	Chocolate milk, made from dry mix, NS as to type of milk (Nesquik)
	11513381	Chocolate milk, made from dry mix with whole milk (Nesquik)
	11513382	Chocolate milk, made from dry mix with reduced fat milk (Nesquik)
	11513383	Chocolate milk, made from dry mix with low fat milk (Nesquik)
	11513384	Chocolate milk, made from dry mix with fat free milk (Nesquik)
	11513391	Chocolate milk, made from no sugar added dry mix with whole milk (Nesquik)
	11513392	Chocolate milk, made from no sugar added dry mix with reduced fat milk (Nesquik)
	11513393	Chocolate milk, made from no sugar added dry mix with low fat milk (Nesquik)
	11513394	Chocolate milk, made from no sugar added dry mix with fat free milk (Nesquik)
	11513400	Chocolate milk, made from syrup, NS as to type of milk
	11513500	Chocolate milk, made from syrup with whole milk
	11513550	Chocolate milk, made from syrup with reduced fat milk
	11513600	Chocolate milk, made from syrup with low fat milk
	11513700	Chocolate milk, made from syrup with fat free milk
	11513801	Chocolate milk, made from light syrup with whole milk
	11513802	Chocolate milk, made from light syrup with reduced fat milk
	11513803	Chocolate milk, made from light syrup with low fat milk
	11513804	Chocolate milk, made from light syrup with fat free milk
	11513851	Chocolate milk, made from sugar free syrup with whole milk
	11513853	Chocolate milk, made from sugar free syrup with low fat milk
	11514100	Hot chocolate / Cocoa, made with dry mix and water
	11514110	Hot chocolate / Cocoa, made with dry mix and whole milk
	11514120	Hot chocolate / Cocoa, made with dry mix and reduced fat milk
	11514130	Hot chocolate / Cocoa, made with dry mix and low fat milk
	11514140	Hot chocolate / Cocoa, made with dry mix and fat free milk
	11514310	Hot chocolate / Cocoa, made with no sugar added dry mix and water
	11514320	Hot chocolate / Cocoa, made with no sugar added dry mix and whole milk
	11514330	Hot chocolate / Cocoa, made with no sugar added dry mix and reduced fat milk
	11514340	Hot chocolate / Cocoa, made with no sugar added dry mix and low fat milk
	11514350	Hot chocolate / Cocoa, made with no sugar added dry mix and fat free milk
	11519040	Strawberry milk, NFS
	11519050	Strawberry milk, whole
	11519105	Strawberry milk, reduced fat
	11519200	Strawberry milk, low fat
	11519205	Strawberry milk, fat free
	11525000	Milk, malted, natural flavor, made with milk
	11526000	Milk, malted
	11531000	Eggnog, regular
	11531500	Eggnog, lowfat / light
	11541110	Milk shake, home recipe, chocolate
	11541120	Milk shake, home recipe, flavors other than chocolate
	11541130	Milk shake, home recipe, chocolate, light
	11541135	Milk shake, home recipe, flavors other than chocolate, light
	11541400	Milk shake with malt
	11542100	Milk shake, fast food, chocolate
	11542200	Milk shake, fast food, flavors other than chocolate
	11543000	Milk shake, bottled, chocolate
	11543010	Milk shake, bottled, flavors other than chocolate

Proposed Food Use	Food code	Food description
	11551050	Licuado or Batido
	11553100	Fruit smoothie, NFS
	11553110	Fruit smoothie, with whole fruit and dairy
	11553120	Fruit smoothie, with whole fruit and dairy, added protein
	11553130	Fruit smoothie juice drink, with dairy
	11560000	Chocolate milk drink
	11830100	Hot chocolate / Cocoa, dry mix, not reconstituted**
	11830115	Hot chocolate / Cocoa, dry mix, no sugar added, not reconstituted**
	11830160	Chocolate beverage powder, dry mix, not reconstituted**
	11830165	Chocolate beverage powder, reduced sugar, dry mix, not reconstituted**
	11830260	Milk, malted, dry mix, not reconstituted**
	11830400	Strawberry beverage powder, dry mix, not reconstituted**
	13120800	Ice cream soda, flavors other than chocolate
	13120810	Ice cream soda, chocolate
	64134015	Fruit smoothie, with whole fruit, no dairy
	64134020	Fruit smoothie, with whole fruit, no dairy, added protein
	64134030	Fruit smoothie juice drink, no dairy
	64134100	Fruit smoothie, light
	64134200	Fruit smoothie, bottled
	78101100	Fruit and vegetable smoothie
	78101110	Fruit and vegetable smoothie, added protein
	78101120	Fruit and vegetable smoothie, bottled
	92610020	Horchata beverage, made with water
	92610030	Horchata beverage, made with milk
	92611010	Oatmeal beverage with water
	92611100	Oatmeal beverage with milk
	92613010	Cornmeal beverage
	92613510	Cornmeal beverage with chocolate milk
	93301550	Eggnog, alcoholic*
	95101000	Nutritional drink or shake, ready-to-drink (Boost)
	95101010	Nutritional drink or shake, ready-to-drink (Boost Plus)
	95102000	Nutritional drink or shake, ready-to-drink (Carnation Instant Breakfast)
	95103000	Nutritional drink or shake, ready-to-drink (Ensure)
	95103010	Nutritional drink or shake, ready-to-drink (Ensure Plus)
	95104000	Nutritional drink or shake, ready-to-drink, sugar free (Glucerna)
	95105000	Nutritional drink or shake, ready-to-drink (Kellogg's Special K Protein)
	95106000	Nutritional drink or shake, ready-to-drink (Muscle Milk)
	95106010	Nutritional drink or shake, ready-to-drink, light (Muscle Milk)
	95110000	Nutritional drink or shake, ready-to-drink (Slim Fast)
	95110010	Nutritional drink or shake, ready-to-drink, sugar free (Slim Fast)
	95110020	Nutritional drink or shake, high protein, ready-to-drink (Slim Fast)
	95120000	Nutritional drink or shake, ready-to-drink, NFS
	95120010	Nutritional drink or shake, high protein, ready-to-drink, NFS
	95120020	Nutritional drink or shake, high protein, light, ready-to-drink, NFS
	95120050	Nutritional drink or shake, liquid, soy-based
	95201000	Nutritional powder mix (Carnation Instant Breakfast)
	95201010	Nutritional powder mix, sugar free (Carnation Instant Breakfast)
	95201200	Nutritional powder mix (EAS Whey Protein Powder)
	95201300	Nutritional powder mix (EAS Soy Protein Powder)

Proposed Food Use	Food code	Food description
	95201500	Nutritional powder mix, high protein (Herbalife)
	95201600	Nutritional powder mix (Isopure)
	95201700	Nutritional powder mix (Kellogg's Special K20 Protein Water)
	95202000	Nutritional powder mix (Muscle Milk)
	95210000	Nutritional powder mix (Slim Fast)
	95210020	Nutritional powder mix, high protein (Slim Fast)
	95220000	Nutritional powder mix, NFS
	95220010	Nutritional powder mix, high protein, NFS
	95230000	Nutritional powder mix, whey based, NFS
	95230010	Nutritional powder mix, protein, soy based, NFS
	95230020	Nutritional powder mix, protein, light, NFS
	95230030	Nutritional powder mix, protein, NFS
Snack dips, spreads		
	12310100	Sour cream
	12310300	Sour cream, reduced fat
	12310350	Sour cream, light
	12310370	Sour cream, fat free
	12350000	Dip, sour cream base
	12350010	Dip, NFS
	12350100	Spinach dip
	12350110	Spinach and artichoke dip
	12350200	Chipotle dip, regular
	12350210	Dill dip, regular
	12350220	Onion dip, regular
	12350225	Onion dip, light
	12350230	Ranch dip, regular
	12350235	Ranch dip, light
	12350240	Spinach dip, regular
	12350245	Spinach dip, light
	12350250	Vegetable dip, regular
	12350255	Vegetable dip, light
	14620110	Artichoke dip
	14620115	Spinach and artichoke dip
	14620130	Seafood dip
	27113100	Beef stroganoff*
	27212350	Beef stroganoff with noodles*
	27213600	Beef and rice with cheese sauce*
	28110660	Meatballs, Swedish, in gravy, with noodles, diet frozen meal*
	28144100	Chicken and vegetable entree with noodles and cream sauce, frozen meal*
	41205055	Layer dip*
	41812850	Vegetarian stroganoff*
	58100135	Burrito with meat and sour cream*
	58100140	Burrito with meat, beans, and sour cream*
	58100145	Burrito with meat, beans, and sour cream, from fast food*
	58100165	Burrito with meat, beans, rice, and sour cream*
	58100235	Burrito with chicken and sour cream*
	58100245	Burrito with chicken, beans, and sour cream*
	58100260	Burrito with chicken, beans, rice, and sour cream*
	58100330	Burrito with beans, rice, and sour cream, meatless*

Proposed Food Use	Food code	Food description
	58101325	Taco or tostada with meat and sour cream*
	58101350	Soft taco with meat and sour cream*
	58101357	Soft taco with meat and sour cream, from fast food*
	58101460	Soft taco with chicken and sour cream*
	58101525	Taco or tostada with chicken and sour cream*
	58101615	Soft taco with beans and sour cream*
	58101630	Soft taco with meat, beans, and sour cream*
	58101635	Soft taco with chicken, beans, and sour cream*
	58101725	Taco or tostada with beans and sour cream*
	58101745	Taco or tostada with meat, beans, and sour cream*
	58101750	Taco or tostada with chicken, beans, and sour cream*
	58101945	Taco or tostada salad with meat and sour cream*
	58101950	Taco or tostada salad with chicken and sour cream*
	58101955	Taco or tostada salad, meatless with sour cream*
	58104090	Nachos with cheese and sour cream*
	58104180	Nachos with meat, cheese, and sour cream*
	58104190	Nachos with chicken, cheese, and sour cream*
	58104270	Gordita, sope, or chalupa with beans and sour cream*
	58104280	Gordita, sope, or chalupa with meat and sour cream*
	58104320	Gordita, sope, or chalupa with chicken and sour cream*
	58104535	Chimichanga with meat and sour cream*
	58104550	Chimichanga with chicken and sour cream*
	58105000	Fajita with chicken and vegetables*
	58105050	Fajita with meat and vegetables*
	58306100	Chicken enchilada, diet frozen meal*
	71501015	White potato, from fresh, mashed, made with milk, and sour cream and/or cream cheese*
	71501025	White potato, from fresh, mashed, made with milk, and sour cream and/or cream cheese and fat*
	71501055	White potato, from fresh, mashed, made with sour cream and/or cream cheese and fat*
	71507010	Potato, baked, peel not eaten, with sour cream*
	71507020	Potato, baked, peel not eaten, with cheese*
	71507025	Potato, baked, peel not eaten, with meat*
	71507050	White potato, stuffed, baked, peel not eaten, stuffed with meat in cream sauce*
	71508000	White potato, stuffed, baked, peel eaten, NS as to topping*
	71508010	Potato, baked, peel eaten, with sour cream*
	71508020	Potato, baked, peel eaten, with cheese*
	71508025	Potato, baked, peel eaten, with meat*
	71508050	White potato, stuffed, baked, peel eaten, stuffed with meat in cream sauce*
	75142500	Cucumber salad, made with sour cream dressing*
	91501060	Gelatin dessert with sour cream*
	91511060	Gelatin dessert, dietetic, with sour cream, sweetened with low calorie sweetener*
Milk, other		
	11512100	Hot chocolate / Cocoa, ready to drink, with whipped cream*
	11512110	Hot chocolate / Cocoa, ready to drink, made with nonfat milk and whipped cream*
	11512120	Hot chocolate / Cocoa, ready to drink, made with non-dairy milk and whipped cream*
	12110100	Cream, light

Proposed Food Use	Food code	Food description
	12110300	Cream, light, whipped, unsweetened
	12130100	Cream, heavy
	12130200	Cream, heavy, whipped, unsweetened
	12140000	Cream, whipped
	12140100	Cream, whipped, pressurized container
	12140105	Cream, whipped, pressurized container, light
	13121000	Ice cream sundae, NS as to topping, with whipped cream*
	13121100	Ice cream sundae, fruit topping, with whipped cream*
	13121300	Ice cream sundae, chocolate or fudge topping, with whipped cream*
	13122100	Ice cream pie, no crust*
	13122500	Ice cream pie, with cookie crust, fudge topping, and whipped cream*
	13250000	Mousse, chocolate*
	13250100	Mousse, not chocolate*
	13252600	Tiramisu*
	14650160	Alfredo sauce*
	27150060	Lobster newburg*
	27350070	Tuna pot pie*
	27443110	Chicken or turkey a la king with vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, cream, white, or soup-based sauce*
	27443120	Chicken or turkey a la king with vegetables excluding carrorts, broccoli, and dark-green leafy; no potatoes, cream, white, or soup-based sauce*
	27443150	Chicken or turkey divan*
	28140730	Chicken patty, breaded, with tomato sauce and cheese, fettuccine alfredo, vegetable, frozen meal*
	28143190	Chicken in mushroom sauce, white and wild rice, vegetable, frozen meal*
	28350050	Fish chowder*
	41812400	Vegetarian pot pie*
	52105100	Scone*
	52105200	Scone, with fruit*
	53101250	Cake, angel food, with fruit and icing or filling*
	53106500	Cake, cream, without icing or topping*
	53118500	Cake, torte*
	53118550	Cake, tres leche*
	53122070	Cake, shortcake, biscuit type, with whipped cream and fruit*
	53123070	Cake, shortcake, sponge type, with whipped cream and fruit*
	53341750	Pie, chess*
	53344300	Dessert pizza*
	53348000	Pie, strawberry cream*
	53360000	Pie, sweet potato*
	53420100	Cream puff, eclair, custard or cream filled, not iced*
	53452420	Pastry, puff, custard or cream filled, iced or not iced*
	58120120	Crepe, filled with meat, poultry, or seafood, no sauce*
	58125110	Quiche with meat, poultry or fish*
	58125120	Spinach quiche, meatless*
	58125180	Cheese quiche, meatless*
	58146130	Pasta with carbonara sauce*
	58146381	Pasta with cream sauce, restaurant*
	58146382	Pasta with cream sauce, home recipe*
	58146383	Pasta with cream sauce, ready-to-heat*

Proposed Food Use	Food code	Food description
	58146391	Pasta with cream sauce and added vegetables, restaurant*
	58146392	Pasta with cream sauce and added vegetables, from home recipe*
	58146393	Pasta with cream sauce and added vegetables, ready-to-heat*
	58146401	Pasta with cream sauce and meat, restaurant*
	58146402	Pasta with cream sauce and meat, home recipe*
	58146403	Pasta with cream sauce and meat, ready-to-heat*
	58146411	Pasta with cream sauce, meat, and added vegetables, restaurant*
	58146412	Pasta with cream sauce, meat, and added vegetables, home recipe*
	58146413	Pasta with cream sauce, meat, and added vegetables, ready-to-heat*
	58146421	Pasta with cream sauce and poultry, restaurant*
	58146422	Pasta with cream sauce and poultry, home recipe*
	58146423	Pasta with cream sauce and poultry, ready-to-heat*
	58146431	Pasta with cream sauce, poultry, and added vegetables, restaurant*
	58146432	Pasta with cream sauce, poultry, and added vegetables, home recipe*
	58146433	Pasta with cream sauce, poultry, and added vegetables, ready-to-heat*
	58146441	Pasta with cream sauce and seafood, restaurant*
	58146442	Pasta with cream sauce and seafood, home recipe*
	58146443	Pasta with cream sauce and seafood, ready-to-heat*
	58146451	Pasta with cream sauce, seafood, and added vegetables, restaurant*
	58146452	Pasta with cream sauce, seafood, and added vegetables, home recipe*
	58146682	Pasta, whole grain, with cream sauce, home recipe*
	58146683	Pasta, whole grain, with cream sauce, ready-to-heat*
	58146692	Pasta, whole grain, with cream sauce, and added vegetables, home recipe*
	58146693	Pasta, whole grain, with cream sauce, and added vegetables, ready-to-heat*
	58146702	Pasta, whole grain, with cream sauce and meat, home recipe*
	58146723	Pasta, whole grain, with cream sauce and poultry, ready-to-heat*
	58146732	Pasta, whole grain, with cream sauce, poultry, and added vegetables, home recipe*
	58146741	Pasta, whole grain, with cream sauce and seafood, restaurant*
	58147330	Macaroni or noodles, creamed, with cheese*
	58147340	Macaroni or noodles, creamed, with cheese and tuna*
	58301110	Vegetable lasagna, frozen meal*
	63402960	Fruit salad, excluding citrus fruits, with whipped cream*
	63403020	Fruit salad, including citrus fruit, with whipped cream*
	71702000	Potato pudding*
	74404090	Vodka sauce with tomatoes and cream*
	83115000	Yogurt dressing*
	91760500	Truffles*
	92101925	Frozen coffee drink, with whipped cream*
	92101926	Frozen coffee drink, nonfat, with whipped cream*
	92101935	Frozen coffee drink, decaffeinated, with whipped cream*
	92101936	Frozen coffee drink, decaffeinated, nonfat, with whipped cream*
	92102030	Frozen mocha coffee drink, with whipped cream*
	92102040	Frozen mocha coffee drink, nonfat, with whipped cream*
	92102050	Frozen mocha coffee drink, with non-dairy milk and whipped cream*
	92102090	Frozen mocha coffee drink, decaffeinated, with whipped cream*
	92102450	Iced Coffee, pre-lightened and pre-sweetened*
	93301400	Irish Coffee*
	12100100	Cream, NS as to light, heavy, or half and half

Proposed Food Use	Food code	Food description
	12120100	Cream, half and half
	12120105	Cream, half and half, low fat
	12120106	Cream, half and half, flavored
	12120110	Cream, half and half, fat free
	13252500	Barfi or Burfi, Indian dessert, made from milk and/or cream and/or Ricotta cheese*
	14620100	Dip, cream cheese base*
	27113300	Swedish meatballs with cream or white sauce*
	28140100	Chicken dinner, NFS, frozen meal*
	28141650	Chicken and vegetables au gratin with rice, diet frozen entree*
	28143080	Chicken with noodles and cheese sauce, diet frozen meal*
	28143170	Chicken in cream sauce with noodles and vegetable, frozen meal*
	28144100	Chicken and vegetable entree with noodles and cream sauce, frozen meal*
	56202900	Oatmeal, from fast food, plain*
	56202905	Oatmeal, from fast food, maple flavored*
	56202910	Oatmeal, from fast food, fruit flavored*
	58127110	Vegetables in pastry*
	71305020	Potato, scalloped, from fast food or restaurant*
	71501000	Potato, mashed, NFS*
	71501010	Potato, mashed, from fresh, made with milk*
	71501011	Potato, mashed, from fresh, made with milk, with cheese*
	71501012	Potato, mashed, from fresh, made with milk, with gravy*
	71501013	Potato, mashed, from fresh, NFS*
	71501016	Potato, mashed, from restaurant*
	71501017	Potato, mashed, from restaurant, with gravy*
	71501035	Potato, mashed, from dry mix, NFS*
	71501040	Potato, mashed, from dry mix, made with milk*
	71501045	Potato, mashed, from dry mix, made with milk, with cheese*
	71501054	Potato, mashed, from dry mix, made with milk, with gravy*
	71501300	White potato, from dry, mashed, NS as to milk or fat*
	71501310	White potato, from fresh, mashed, NS as to milk or fat*
	73409000	Sweet potato, casserole or mashed*
	93301250	White Russian*
	11115000	Buttermilk, fat free (skim)
	11115100	Buttermilk, low fat (1%)
	11115200	Buttermilk, reduced fat (2%)
	11115300	Buttermilk, whole
	11115400	Kefir, NS as to fat content
	11120000	Milk, dry, reconstituted, NS as to fat content
	11121100	Milk, dry, reconstituted, whole
	11121210	Milk, dry, reconstituted, low fat (1%)
	11121300	Milk, dry, reconstituted, fat free (skim)
	11810000	Milk, dry, not reconstituted, NS as to fat content**
	11811000	Milk, dry, not reconstituted, whole**
	11812000	Milk, dry, not reconstituted, low fat (1%)**
	11813000	Milk, dry, not reconstituted, fat free (skim)**
	52304010	Muffin, wheat bran*
	52304040	Muffin, bran with fruit, lowfat*
	53119000	Cake, pineapple, upside down*
	53341500	Pie, buttermilk*

Proposed Food Use	Food code	Food description
	11220000	Milk, condensed, sweetened
	53118550	Cake, tres leche*
	11210050	Milk, evaporated, NS as to fat content
	11211050	Milk, evaporated, whole
	11211400	Milk, evaporated, reduced fat (2%)
	11212050	Milk, evaporated, fat free (skim)
	13210350	Flan*
	11400000	Yogurt, NFS
	11400010	Yogurt, Greek, NS as to type of milk or flavor
	11410000	Yogurt, NS as to type of milk or flavor
	11411010	Yogurt, NS as to type of milk, plain
	11411100	Yogurt, whole milk, plain
	11411200	Yogurt, low fat milk, plain
	11411300	Yogurt, nonfat milk, plain
	11411390	Yogurt, Greek, NS as to type of milk, plain
	11411400	Yogurt, Greek, whole milk, plain
	11411410	Yogurt, Greek, low fat milk, plain
	11411420	Yogurt, Greek, nonfat milk, plain
	11420000	Yogurt, vanilla, NS as to type of milk
	11421000	Yogurt, vanilla, whole milk
	11422000	Yogurt, vanilla, low fat milk
	11422100	Yogurt, vanilla, low fat milk, light
	11423000	Yogurt, vanilla, nonfat milk
	11424000	Yogurt, vanilla, nonfat milk, light
	11424500	Yogurt, Greek, vanilla, whole milk
	11424510	Yogurt, Greek, vanilla, low fat
	11424520	Yogurt, Greek, vanilla, nonfat
	11426000	Yogurt, chocolate, whole milk
	11427000	Yogurt, chocolate, nonfat milk
	11428000	Yogurt, Greek, chocolate, nonfat
	11430000	Yogurt, NS as to type of milk, fruit
	11431000	Yogurt, whole milk, fruit
	11432000	Yogurt, low fat milk, fruit
	11432500	Yogurt, fruit, low fat milk, light
	11433000	Yogurt, nonfat milk, fruit
	11433500	Yogurt, fruit, nonfat milk, light
	11433990	Yogurt, Greek, NS as to type of milk, fruit
	11434000	Yogurt, Greek, whole milk, fruit
	11434010	Yogurt, Greek, low fat milk, fruit
	11434020	Yogurt, Greek, nonfat milk, fruit
	11434090	Yogurt, NS as to type of milk, flavors other than fruit
	11434100	Yogurt, whole milk, flavors other than fruit
	11434200	Yogurt, low fat milk, flavors other than fruit
	11434300	Yogurt, nonfat milk, flavors other than fruit
	11435000	Yogurt, Greek, NS as to type of milk, flavors other than fruit
	11435010	Yogurt, Greek, whole milk, flavors other than fruit
	11435020	Yogurt, Greek, low fat milk, flavors other than fruit
	11435030	Yogurt, Greek, nonfat milk, flavors other than fruit
	11435100	Yogurt, Greek, with oats

Proposed Food Use	Food code	Food description
	11436000	Yogurt, liquid
	11440010	Chipotle dip, yogurt based*
	11440020	Dill dip, yogurt based*
	11440040	Ranch dip, yogurt based*
	11440050	Spinach dip, yogurt based*
	11440060	Tzatziki dip*
	11440070	Vegetable dip, yogurt based*
	11446000	Yogurt parfait, low fat, with fruit
	11480010	Yogurt, whole milk, baby food
	11480020	Yogurt, whole milk, baby food, with fruit and multigrain cereal puree, NFS
	27116100	Beef curry*
	27120160	Pork curry*
	27130100	Lamb or mutton curry*
	27146150	Chicken curry*
	27150100	Shrimp curry*
	27150320	Fish curry*
	27213010	Biryani with meat*
	27243100	Biryani with chicken*
	27516010	Gyro sandwich (pita bread, beef, lamb, onion, condiments), with tomato and spread*
	32101530	Egg curry*
	53441210	Basbousa*
	58124500	Pastry, filled with potatoes and peas, fried*
	75440600	Vegetable curry*
	77316600	Eggplant and meat casserole*
	83115000	Yogurt dressing*
	91306040	Dessert dip*
Frozen yogurt		
	11459990	Yogurt, frozen, NS as to flavor, NS as to type of milk
	11460000	Yogurt, frozen, flavors other than chocolate, NS as to type of milk
	11460100	Yogurt, frozen, chocolate, NS as to type of milk
	11460160	Yogurt, frozen, chocolate, lowfat milk
	11460170	Yogurt, frozen, flavors other than chocolate, lowfat milk
	11460200	Yogurt, frozen, chocolate, nonfat milk
	11460250	Yogurt, frozen, flavors other than chocolate, with sorbet or sorbet-coated
	11460300	Yogurt, frozen, flavors other than chocolate, nonfat milk
	11460400	Yogurt, frozen, chocolate, nonfat milk, with low-calorie sweetener
	11460410	Yogurt, frozen, flavors other than chocolate, nonfat milk, with low-calorie sweetener
	11461000	Yogurt, frozen, chocolate-coated
	11461250	Yogurt, frozen, cone, chocolate
	11461260	Yogurt, frozen, cone, flavors other than chocolate
	11461270	Yogurt, frozen, cone, flavors other than chocolate, lowfat milk
	53366000	Pie, yogurt, frozen
100% fruit juices		
	42403010	Coconut water, unsweetened
	61201010	Grapefruit juice, 100%, freshly squeezed
	61201020	Grapefruit juice, 100%, NS as to form
	61201220	Grapefruit juice, 100%, canned, bottled or in a carton
	61201225	Grapefruit juice, 100%, with calcium added

Proposed Food Use	Food code	Food description
	61210000	Orange juice, 100%, NFS
	61210010	Orange juice, 100%, freshly squeezed
	61210220	Orange juice, 100%, canned, bottled or in a carton
	61210250	Orange juice, 100%, with calcium added, canned, bottled or in a carton
	61210620	Orange juice, 100%, frozen, reconstituted
	61210820	Orange juice, 100%, with calcium added, frozen, reconstituted
	61213220	Tangerine juice, 100%
	61213800	Fruit juice blend, citrus, 100% juice
	61213900	Fruit juice blend, citrus, 100% juice, with calcium added
	64100100	Fruit juice, NFS
	64100110	Fruit juice blend, 100% juice
	64100200	Cranberry juice blend, 100% juice
	64100220	Cranberry juice blend, 100% juice, with calcium added
	64101010	Apple cider
	64104010	Apple juice, 100%
	64104030	Apple juice, 100%, with calcium added
	64104600	Blackberry juice, 100%
	64105400	Cranberry juice, 100%, not a blend
	64116020	Grape juice, 100%
	64116060	Grape juice, 100%, with calcium added
	64120010	Papaya juice, 100%
	64121000	Passion fruit juice, 100%
	64124020	Pineapple juice, 100%
	64126000	Pomegranate juice, 100%
	64132010	Prune juice, 100%
	64132500	Strawberry juice, 100%
	64133100	Watermelon juice, 100%
	93301075	Greyhound*
	93301132	Orange Blossom*
	93301140	Screwdriver*
	93301141	Seabreeze*
	93301200	Pina Colada*
	93301270	Fruit punch, alcoholic*
	93301310	Mai Tai*
	93301320	Tequila Sunrise*
Processed juice drinks		
	42404010	Coconut water, sweetened
	64200100	Fruit nectar, NFS
	64201010	Apricot nectar
	64201500	Banana nectar
	64202010	Cantaloupe nectar
	64203020	Guava nectar
	64204010	Mango nectar
	64205010	Peach nectar
	64210010	Papaya nectar
	64215010	Pear nectar
	64221010	Soursop, nectar
	92432000	Fruit juice drink, citrus, carbonated
	92433000	Fruit juice drink, noncitrus, carbonated

Proposed Food Use	Food code	Food description
	92510610	Fruit juice drink
	92510650	Tamarind drink
	92510720	Fruit punch, made with fruit juice and soda
	92510730	Fruit punch, made with soda, fruit juice, and sherbet or ice cream
	92510955	Lemonade, fruit juice drink
	92512040	Frozen daiquiri mix, frozen concentrate, not reconstituted
	92512090	Pina Colada, nonalcoholic
	92512110	Margarita mix, nonalcoholic
	92530510	Cranberry juice drink, with high vitamin C
	92530610	Fruit juice drink, with high vitamin C
	92530950	Vegetable and fruit juice drink, with high vitamin C
	92531030	Fruit juice drink (Sunny D)
	92550030	Fruit juice drink, with high vitamin C, light
	92550035	Fruit juice drink, light
	92550040	Fruit juice drink, diet
	92550110	Cranberry juice drink, with high vitamin C, light
	92550200	Grape juice drink, light
	92550350	Orange juice beverage, 40-50% juice, light
	92550360	Apple juice beverage, 40-50% juice, light
	92550370	Lemonade, fruit juice drink, light
	92550380	Pomegranate juice beverage, 40-50% juice, light
	92550400	Vegetable and fruit juice drink, with high vitamin C, diet
	92550405	Vegetable and fruit juice drink, with high vitamin C, light
	92552020	Fruit juice drink, reduced sugar (Sunny D)
	92552030	Fruit juice drink (Capri Sun)
	92582100	Fruit juice drink, with high vitamin C, plus added calcium
	92582110	Fruit juice drink, added calcium (Sunny D)
	92612010	Sugar cane beverage
	92801000	Wine, nonalcoholic
	92803000	Nonalcoholic malt beverage
	92804000	Shirley Temple
	93301020	Bacardi cocktail*
	93301032	Cape Cod*
	93301040	Daiquiri*
	93301100	Margarita*
	93301111	Martini, flavored*
	93301142	Seven and Seven*
	93301150	Tom Collins*
	93301160	Whiskey sour*
	93301213	Vodka and lemonade*
	93301500	Frozen daiquiri*
	93301510	Frozen margarita*
RTD tea beverages		
	92307500	Iced Tea / Lemonade juice drink
	92307510	Iced Tea / Lemonade juice drink, light
	92307520	Iced Tea / Lemonade juice drink, diet
	92308000	Tea, iced, brewed, black, pre-sweetened with sugar
	92308010	Tea, iced, brewed, black, pre-sweetened with low calorie sweetener
	92308020	Tea, iced, brewed, black, unsweetened

Proposed Food Use	Food code	Food description
	92308030	Tea, iced, brewed, black, decaffeinated, pre-sweetened with sugar
	92308040	Tea, iced, brewed, black, decaffeinated, pre-sweetened with low calorie sweetener
	92308050	Tea, iced, brewed, black, decaffeinated, unsweetened
	92308500	Tea, iced, brewed, green, pre-sweetened with sugar
	92308510	Tea, iced, brewed, green, pre-sweetened with low calorie sweetener
	92308520	Tea, iced, brewed, green, unsweetened
	92308530	Tea, iced, brewed, green, decaffeinated, pre-sweetened with sugar
	92308540	Tea, iced, brewed, green, decaffeinated, pre-sweetened with low calorie sweetener
	92308550	Tea, iced, brewed, green, decaffeinated, unsweetened
	92309000	Tea, iced, bottled, black
	92309010	Tea, iced, bottled, black, decaffeinated
	92309020	Tea, iced, bottled, black, diet
	92309030	Tea, iced, bottled, black, decaffeinated, diet
	92309040	Tea, iced, bottled, black, unsweetened
	92309050	Tea, iced, bottled, black, decaffeinated, unsweetened
	92309500	Tea, iced, bottled, green
	92309510	Tea, iced, bottled, green, diet
	92309520	Tea, iced, bottled, green, unsweetened
Sport/fitness water beverages		
	94210100	Water, bottled, flavored (Propel Water)
	94210200	Water, bottled, flavored (Glaceau Vitamin Water)
	94210300	Water, bottled, flavored (SoBe Life Water)
	94220100	Propel Zero Water
	94220215	Water, bottled, flavored, sugar free (Glaceau Vitamin Water)
	94220310	Water, bottled, flavored, sugar free (SoBe)
	95320200	Sports drink (Gatorade G)
	95320500	Sports drink (Powerade)
	95321000	Sports drink, NFS
	95322200	Sports drink, low calorie (Gatorade G2)
	95322500	Sports drink, low calorie (Powerade Zero)
	95323000	Sports drink, low calorie
Fruit flavored drinks		
	92510960	Lemonade, fruit flavored drink
	92511015	Fruit flavored drink
	92513000	Fruit flavored smoothie drink, frozen, no dairy
	92513010	Fruit flavored smoothie drink, frozen, light, no dairy
	92530410	Fruit flavored drink, with high vitamin C
	92541010	Fruit flavored drink, powdered, reconstituted
	92542000	Fruit flavored drink, with high vitamin C, powdered, reconstituted
	92550610	Fruit flavored drink, with high vitamin C, diet
	92550620	Fruit flavored drink, diet
	92552000	Fruit flavored drink, with high vitamin C, powdered, reconstituted, diet
	92552010	Fruit flavored drink, powdered, reconstituted, diet
	92900110	Fruit flavored drink, powdered, not reconstituted**
	92900200	Fruit flavored drink, powdered, not reconstituted, diet**
Breads		
	32202025	Egg, cheese and ham on bagel*
	32202045	Egg, cheese, and steak on bagel*
	32202085	Egg, cheese and bacon on bagel*

Proposed Food Use	Food code	Food description
	32202120	Egg, cheese and sausage on bagel*
	51180010	Bagel
	51180030	Bagel, with raisins
	51180080	Bagel, with fruit other than raisins
	51300100	Bagel, whole grain white
	51301700	Bagel, wheat
	51301750	Bagel, whole wheat
	51301800	Bagel, wheat, with raisins
	51301805	Bagel, whole wheat, with raisins
	51301820	Bagel, wheat, with fruit and nuts
	51404500	Bagel, pumpernickel
	51501080	Bagel, oat bran
	51630000	Bagel, multigrain
	51630100	Bagel, multigrain, with raisins
	13210110	Pudding, bread*
	13210180	Pudding, Mexican bread*
	14640000	Cheese sandwich, NFS*
	14640002	Cheese sandwich, American cheese, on white bread, no spread*
	14640004	Cheese sandwich, American cheese, on wheat bread, no spread*
	14640006	Cheese sandwich, American cheese, on whole wheat bread, no spread*
	14640008	Cheese sandwich, Cheddar cheese, on white bread, no spread*
	14640010	Cheese sandwich, Cheddar cheese, on wheat bread, no spread*
	14640012	Cheese sandwich, Cheddar cheese, on whole wheat bread, no spread*
	14640014	Cheese sandwich, reduced fat American cheese, on white bread, no spread*
	14640018	Cheese sandwich, reduced fat American cheese, on whole wheat bread, no spread*
	14640024	Cheese sandwich, reduced fat Cheddar cheese, on whole wheat bread, no spread*
	14640026	Cheese sandwich, American cheese, on white bread, with mayonnaise*
	14640028	Cheese sandwich, American cheese, on wheat bread, with mayonnaise*
	14640030	Cheese sandwich, American cheese, on whole wheat bread, with mayonnaise*
	14640032	Cheese sandwich, Cheddar cheese, on white bread, with mayonnaise*
	14640034	Cheese sandwich, Cheddar cheese, on wheat bread, with mayonnaise*
	14640036	Cheese sandwich, Cheddar cheese, on whole wheat bread, with mayonnaise*
	14640046	Cheese sandwich, reduced fat Cheddar cheese, on wheat bread, with mayonnaise*
	14640048	Cheese sandwich, reduced fat Cheddar cheese, on whole wheat bread, with mayonnaise*
	14640050	Cheese sandwich, American cheese, on white bread, with butter*
	14640054	Cheese sandwich, American cheese, on whole wheat bread, with butter*
	14640056	Cheese sandwich, Cheddar cheese, on white bread, with butter*
	14640060	Cheese sandwich, Cheddar cheese, on whole wheat bread, with butter*
	14640062	Cheese sandwich, reduced fat American cheese, on white bread, with butter*
	14640100	Grilled cheese sandwich, NFS*
	14640105	Grilled cheese sandwich, American cheese, on white bread*
	14640110	Grilled cheese sandwich, American cheese, on wheat bread*
	14640115	Grilled cheese sandwich, American cheese, on whole wheat bread*
	14640125	Grilled cheese sandwich, Cheddar cheese, on white bread*
	14640130	Grilled cheese sandwich, Cheddar cheese, on wheat bread*
	14640135	Grilled cheese sandwich, Cheddar cheese, on whole wheat bread*
	14640155	Grilled cheese sandwich, reduced fat American cheese, on white bread*

Proposed Food Use	Food code	Food description
	14640165	Grilled cheese sandwich, reduced fat American cheese, on whole wheat bread*
	14640185	Grilled cheese sandwich, reduced fat Cheddar cheese, on white bread*
	14640190	Grilled cheese sandwich, reduced fat Cheddar cheese, on wheat bread*
	14640195	Grilled cheese sandwich, reduced fat Cheddar cheese, on whole wheat bread*
	27214100	Meat loaf made with beef*
	27214110	Meat loaf made with beef, with tomato-based sauce*
	27235000	Meat loaf made with venison/deer*
	27246500	Meat loaf made with chicken or turkey*
	27246505	Meat loaf made with chicken or turkey, with tomato-based sauce*
	27250080	Salmon loaf*
	27250250	Flounder with crab stuffing*
	27250450	Shrimp toast, fried*
	27260010	Meat loaf, NS as to type of meat*
	27260080	Meat loaf made with beef and pork*
	27260090	Meat loaf made with beef, veal and pork*
	27260100	Meat loaf made with beef and pork, with tomato-based sauce*
	27351020	Codfish salad, Puerto Rican style (Gazpacho de bacalao)*
	27500050	Sandwich, NFS*
	27510110	Beef barbecue sandwich or Sloppy Joe, on bun*
	27510140	Cheeseburger, 1 miniature patty, plain, on miniature bun, from fast food / restaurant*
	27510145	Cheeseburger, 1 miniature patty, with condiments, on miniature bun, from fast food / restaurant*
	27510150	Cheeseburger, 1 miniature patty, on miniature bun, from school*
	27510160	Cheeseburger, 1 small patty, plain, on bun, from fast food / restaurant*
	27510165	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant*
	27510170	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King Cheeseburger)*
	27510171	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER Jr. with cheese)*
	27510172	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (McDonald's Cheeseburger)*
	27510173	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Kid's Cheeseburger)*
	27510174	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Cheeseburger)*
	27510175	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Cheeseburger Deluxe)*
	27510190	Cheeseburger on bun, from school*
	27510195	Cheeseburger, 1 small patty, plain, on white bun*
	27510205	Cheeseburger, 1 small patty, with condiments, on white bun*
	27510206	Cheeseburger, 1 small patty, with condiments, on wheat bun*
	27510207	Cheeseburger, 1 small patty, with condiments, on whole wheat bun*
	27510210	Cheeseburger, plain, on bun*
	27510215	Cheeseburger, 1 medium patty, plain, on bun, from fast food / restaurant*
	27510220	Cheeseburger, with mayonnaise or salad dressing, on bun*
	27510225	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant*

Proposed Food Use	Food code	Food description
	27510230	Cheeseburger, with mayonnaise or salad dressing, and tomato and/or catsup, on bun*
	27510231	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER with cheese)*
	27510232	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (McDonald's Quarter Pounder with cheese)*
	27510233	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Wendy's 1/4 lb Single with cheese)*
	27510235	Cheeseburger submarine sandwich with lettuce, tomato and spread*
	27510241	Cheeseburger, 1 medium patty, plain, on white bun*
	27510242	Cheeseburger, 1 medium patty, plain, on wheat bun*
	27510243	Cheeseburger, 1 medium patty, plain, on whole wheat bun*
	27510250	Cheeseburger, 1/4 lb meat, with mayonnaise or salad dressing, on bun*
	27510251	Cheeseburger, 1 medium patty, with condiments, on white bun*
	27510252	Cheeseburger, 1 medium patty, with condiments, on wheat bun*
	27510253	Cheeseburger, 1 medium patty, with condiments, on whole wheat bun*
	27510261	Cheeseburger, 1 large patty, plain, on bun, from fast food / restaurant*
	27510265	Double cheeseburger, (2 patties, 1 oz each), plain, on miniature bun*
	27510266	Cheeseburger, 1 large patty, with condiments, on bun, from fast food / restaurant*
	27510276	Bacon cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant*
	27510280	Double cheeseburger (2 patties), with mayonnaise or salad dressing, on bun*
	27510281	Bacon cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Bacon Cheeseburger)*
	27510300	Double cheeseburger (2 patties), with mayonnaise or salad dressing, on double-decker bun*
	27510305	Bacon cheeseburger, 1 medium patty, plain, on bun, from fast food / restaurant*
	27510310	Cheeseburger with tomato and/or catsup, on bun*
	27510311	Cheeseburger, 1 oz meat, plain, on miniature bun*
	27510312	Bacon cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant*
	27510320	Cheeseburger, 1/4 lb meat, with tomato and/or catsup, on bun*
	27510330	Double cheeseburger (2 patties), with tomato and/or catsup, on bun*
	27510331	Bacon cheeseburger, 1 medium patty, plain, on white bun*
	27510340	Double cheeseburger (2 patties), with mayonnaise or salad dressing and tomatoes and/or catsup, on bun*
	27510341	Bacon cheeseburger, 1 medium patty, with condiments, on white bun*
	27510342	Bacon cheeseburger, 1 medium patty, with condiments, on wheat bun*
	27510343	Bacon cheeseburger, 1 medium patty, with condiments, on whole wheat bun*
	27510346	Bacon cheeseburger, 1 large patty, with condiments, on bun, from fast food / restaurant*
	27510350	Cheeseburger, 1/4 lb meat, with mayonnaise or salad dressing, and tomato and/or catsup, on bun*
	27510355	Cheeseburger, 1/3 lb meat, with mayonnaise or salad dressing, tomato and/or catsup on bun*
	27510359	Cheeseburger, 1/3 lb meat, with mayonnaise or salad dressing, and mushrooms, on bun*
	27510360	Bacon cheeseburger, with mayonnaise or salad dressing, tomato and/or catsup, on bun*

Proposed Food Use	Food code	Food description
	27510370	Double cheeseburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing, on bun*
	27510375	Double cheeseburger (2 patties, 1/4 lb meat each), with tomato and/or catsup, on bun*
	27510376	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant*
	27510380	Triple cheeseburger (3 patties, 1/4 lb meat each), with mayonnaise or salad dressing and tomatoes and/or catsup, on bun*
	27510385	Double bacon cheeseburger (2 patties), with tomato and/or catsup, on bun*
	27510386	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (Burger King Double Cheeseburger)*
	27510387	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (McDonald's Double Cheeseburger)*
	27510388	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (McDonald's McDouble)*
	27510389	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (McDonald's Big Mac)*
	27510391	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (Wendy's Double Stack)*
	27510400	Bacon cheeseburger, 1/4 lb meat, with tomato and/or catsup, on bun*
	27510401	Double cheeseburger, 2 medium patties, plain, on bun, from fast food / restaurant*
	27510406	Double cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant*
	27510410	Chiliburger, on bun*
	27510412	Double cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (McDonald's Double Quarter Pounder with Cheese)*
	27510413	Double cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Wendy's 1/2 lb Double with cheese)*
	27510425	Double bacon cheeseburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing, on bun*
	27510430	Double bacon cheeseburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing, and tomato and/or catsup, on bun*
	27510431	Double bacon cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (Burger King Bacon Double Cheeseburger)*
	27510435	Double bacon cheeseburger (2 patties,1/3 lb meat each), with mayonnaise or salad dressing, on bun*
	27510440	Bacon cheeseburger, 1/4 lb meat, with mayonnaise or salad dressing, and tomato and/or catsup, on bun*
	27510445	Bacon cheeseburger, 1/3 lb meat, with tomato and/or catsup, on bun*
	27510446	Double bacon cheeseburger, 2 medium patties, plain, on bun, from fast food / restaurant*
	27510451	Double bacon cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant*
	27510465	Double bacon cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Wendy's Baconator)*
	27510475	Double bacon cheeseburger, 2 large patties, with condiments, on bun, from fast food / restaurant*
	27510480	Cheeseburger (hamburger with cheese sauce), 1/4 lb meat, with grilled onions, on rye bun*

Proposed Food Use	Food code	Food description
	27510486	Triple cheeseburger, 3 medium patties, with condiments, on bun, from fast food / restaurant*
	27510500	Hamburger, plain, on bun*
	27510501	Hamburger, 1 miniature patty, plain, on miniature bun, from fast food / restaurant*
	27510506	Hamburger, 1 miniature patty, with condiments, on miniature bun, from fast food / restaurant*
	27510510	Hamburger, with tomato and/or catsup, on bun*
	27510511	Hamburger, 1 miniature patty, on miniature bun, from school*
	27510520	Hamburger, with mayonnaise or salad dressing, and tomato and/or catsup, on bun*
	27510531	Hamburger, 1 small patty, plain, on bun, from fast food / restaurant*
	27510536	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant*
	27510540	Double hamburger (2 patties), with tomato and/or catsup, on bun*
	27510551	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King Hamburger)*
	27510552	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER Jr.)*
	27510553	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (McDonald's Hamburger)*
	27510555	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Hamburger)*
	27510560	Hamburger, 1/4 lb meat, with mayonnaise or salad dressing, and tomato and/or catsup, on bun*
	27510565	Hamburger, on bun, from school*
	27510575	Hamburger, 1 small patty, plain, on white bun*
	27510577	Hamburger, 1 small patty, plain, on whole wheat bun*
	27510585	Hamburger, 1 small patty, with condiments, on white bun*
	27510587	Hamburger, 1 small patty, with condiments, on whole wheat bun*
	27510600	Hamburger, 1 oz meat, plain, on miniature bun*
	27510601	Hamburger, 1 medium patty, plain, on bun, from fast food / restaurant*
	27510606	Hamburger, 1 medium patty, with condiments, on bun, from fast food / restaurant*
	27510615	Hamburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER)*
	27510616	Hamburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Wendy's 1/4 lb Single)*
	27510620	Hamburger, 1/4 lb meat, with tomato and/or catsup, on bun*
	27510631	Hamburger, 1 medium patty, plain, on white bun*
	27510632	Hamburger, 1 medium patty, plain, on wheat bun*
	27510633	Hamburger, 1 medium patty, plain, on whole wheat bun*
	27510641	Hamburger, 1 medium patty, with condiments, on white bun*
	27510642	Hamburger, 1 medium patty, with condiments, on wheat bun*
	27510643	Hamburger, 1 medium patty, with condiments, on whole wheat bun*
	27510667	Double hamburger, 2 small patties, with condiments, on bun, from fast food / restaurant*
	27510670	Double hamburger (2 patties), with mayonnaise or salad dressing and tomatoes, on bun*
	27510671	Double hamburger, 2 medium patties, plain, on bun, from fast food / restaurant*
	27510676	Double hamburger, 2 medium patties, with condiments, on bun, from fast food / restaurant*

Proposed Food Use	Food code	Food description
	27510681	Double hamburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Burger King Double WHOPPER)*
	27510682	Double hamburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Wendy's 1/2 lb Double)*
	27510690	Double hamburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing and tomatoes and/or catsup, on double-decker bun*
	27510700	Meatball and spaghetti sauce submarine sandwich*
	27510705	Chiliburger, with or without cheese, on bun*
	27510950	Reuben sandwich, corned beef sandwich with sauerkraut and cheese, with spread*
	27511010	Pastrami sandwich*
	27513010	Roast beef sandwich*
	27513040	Roast beef submarine sandwich, with lettuce, tomato and spread*
	27513041	Roast beef submarine sandwich, with cheese, lettuce, tomato and spread*
	27513050	Roast beef sandwich with cheese*
	27513070	Roast beef submarine sandwich, on roll, au jus*
	27515010	Steak sandwich, plain, on roll*
	27515020	Steak and cheese submarine sandwich, with lettuce and tomato*
	27515030	Steak and cheese sandwich, plain, on roll*
	27515040	Steak and cheese submarine sandwich, plain, on roll*
	27515050	Fajita-style beef sandwich with cheese, on pita bread, with lettuce and tomato*
	27515070	Steak and cheese submarine sandwich, with fried peppers and onions, on roll*
	27516010	Gyro sandwich (pita bread, beef, lamb, onion, condiments), with tomato and spread*
	27520130	Bacon, chicken, and tomato club sandwich, with lettuce and spread*
	27520135	Bacon, chicken, and tomato club sandwich, with cheese, lettuce and spread*
	27520150	Bacon, lettuce, and tomato sandwich with spread*
	27520155	Bacon, lettuce, and tomato submarine sandwich, with spread*
	27520156	Bacon, lettuce, tomato, and cheese submarine sandwich, with spread*
	27520160	Bacon, chicken, and tomato club sandwich, on multigrain roll with lettuce and spread*
	27520165	Bacon, breaded fried chicken fillet, and tomato club with lettuce and spread*
	27520166	Bacon, breaded fried chicken fillet, and tomato club sandwich with cheese, lettuce and spread*
	27520300	Ham sandwich, with spread*
	27520320	Ham and cheese sandwich, with lettuce and spread*
	27520330	Ham and egg sandwich*
	27520350	Ham and cheese sandwich, with spread, grilled*
	27520370	Hot ham and cheese sandwich, on bun*
	27520390	Ham and cheese submarine sandwich, with lettuce, tomato and spread*
	27520500	Pork sandwich, on white roll, with onions, dill pickles and barbecue sauce*
	27520510	Pork barbecue sandwich or Sloppy Joe, on bun*
	27540110	Chicken sandwich, with spread*
	27540111	Chicken sandwich, with cheese and spread*
	27540120	Chicken salad or chicken spread sandwich*
	27540130	Chicken barbecue sandwich*
	27540140	Chicken fillet, breaded, fried, sandwich*
	27540150	Chicken fillet, breaded, fried, sandwich with lettuce, tomato and spread*
	27540151	Chicken fillet, breaded, fried, sandwich with cheese, lettuce, tomato and spread*
	27540170	Chicken patty sandwich, miniature, with spread*

Proposed Food Use	Food code	Food description
	27540190	Chicken patty sandwich, with lettuce and spread*
	27540200	Fajita-style chicken sandwich with cheese, on pita bread, with lettuce and tomato*
	27540235	Chicken fillet, broiled, sandwich with lettuce, tomato, and spread*
	27540240	Chicken fillet, broiled, sandwich, on whole wheat roll, with lettuce, tomato and spread*
	27540250	Chicken fillet, broiled, sandwich with cheese, on whole wheat roll, with lettuce, tomato and non-mayonnaise type spread*
	27540270	Chicken fillet, broiled, sandwich, with lettuce, tomato, and non-mayonnaise type spread*
	27540280	Chicken fillet, broiled, sandwich with cheese, on bun, with lettuce, tomato and spread*
	27540285	Chicken, bacon, and tomato club sandwich, with lettuce and spread*
	27540290	Chicken submarine sandwich, with lettuce, tomato and spread*
	27540291	Chicken submarine sandwich, with cheese, lettuce, tomato and spread*
	27540295	Buffalo chicken submarine sandwich*
	27540296	Buffalo chicken submarine sandwich with cheese*
	27540350	Turkey submarine sandwich, with cheese, lettuce, tomato and spread*
	27540361	Turkey and bacon submarine sandwich, with cheese, lettuce, tomato and spread*
	27541000	Turkey, ham, and roast beef club sandwich, with lettuce, tomato and spread*
	27541001	Turkey, ham, and roast beef club sandwich with cheese, lettuce, tomato, and spread*
	27545000	Turkey or chicken burger, plain, on bun, from fast food / restaurant*
	27545010	Turkey or chicken burger, with condiments, on bun, from fast food / restaurant*
	27545100	Turkey or chicken burger, plain, on white bun*
	27545110	Turkey or chicken burger, plain, on wheat bun*
	27545200	Turkey or chicken burger, with condiments, on white bun*
	27545210	Turkey or chicken burger, with condiments, on wheat bun*
	27545220	Turkey or chicken burger, with condiments, on whole wheat bun*
	27550000	Fish sandwich, on bun, with spread*
	27550100	Fish sandwich, on bun, with cheese and spread*
	27550720	Tuna salad sandwich*
	27550750	Tuna salad submarine sandwich, with lettuce and tomato*
	27550751	Tuna salad submarine sandwich, with cheese, lettuce and tomato*
	27560350	Pig in a blanket, frankfurter or hot dog wrapped in dough*
	27560500	Pepperoni and salami submarine sandwich, with lettuce, tomato and spread*
	27560710	Sausage sandwich*
	27560910	Cold cut sumarine sandwich, with cheese, lettuce, tomato and spread*
	27564000	Frankfurter or hot dog sandwich, NFS, plain, on white bun*
	27564001	Frankfurter or hot dog sandwich, NFS, plain, on wheat bun*
	27564002	Frankfurter or hot dog sandwich, NFS, plain, on whole wheat bun*
	27564010	Frankfurter or hot dog sandwich, NFS, plain, on white bread*
	27564020	Frankfurter or hot dog sandwich, NFS, plain, on wheat bread*
	27564030	Frankfurter or hot dog sandwich, NFS, plain, on whole wheat bread*
	27564060	Frankfurter or hot dog sandwich, beef, plain, on white bun*
	27564061	Frankfurter or hot dog sandwich, beef, plain, on wheat bun*
	27564062	Frankfurter or hot dog sandwich, beef, plain, on whole wheat bun*
	27564063	Frankfurter or hot dog sandwich, beef, plain, on whole grain white bun*
	27564064	Frankfurter or hot dog sandwich, beef, plain, on multigrain bun*
	27564070	Frankfurter or hot dog sandwich, beef, plain, on white bread*

Proposed Food Use	Food code	Food description
	27564080	Frankfurter or hot dog sandwich, beef, plain, on wheat bread*
	27564090	Frankfurter or hot dog sandwich, beef, plain, on whole wheat bread*
	27564100	Frankfurter or hot dog sandwich, beef, plain, on whole grain white bread*
	27564110	Frankfurter or hot dog sandwich, beef, plain, on multigrain bread*
	27564120	Frankfurter or hot dog sandwich, beef and pork, plain, on white bun*
	27564121	Frankfurter or hot dog sandwich, beef and pork, plain, on wheat bun*
	27564130	Frankfurter or hot dog sandwich, beef and pork, plain, on white bread*
	27564140	Frankfurter or hot dog sandwich, beef and pork, plain, on wheat bread*
	27564150	Frankfurter or hot dog sandwich, beef and pork, plain, on whole wheat bread*
	27564160	Frankfurter or hot dog sandwich, beef and pork, plain, on whole grain white bread*
	27564180	Frankfurter or hot dog sandwich, meat and poultry, plain, on white bun*
	27564181	Frankfurter or hot dog sandwich, meat and poultry, plain, on wheat bun*
	27564182	Frankfurter or hot dog sandwich, meat and poultry, plain, on whole wheat bun*
	27564190	Frankfurter or hot dog sandwich, meat and poultry, plain, on white bread*
	27564200	Frankfurter or hot dog sandwich, meat and poultry, plain, on wheat bread*
	27564210	Frankfurter or hot dog sandwich, meat and poultry, plain, on whole wheat bread*
	27564220	Frankfurter or hot dog sandwich, meat and poultry, plain, on whole grain white bread*
	27564230	Frankfurter or hot dog sandwich, meat and poultry, plain, on multigrain bread*
	27564240	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on white bun*
	27564241	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on wheat bun*
	27564242	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole wheat bun*
	27564243	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole grain white bun*
	27564250	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on white bread*
	27564260	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on wheat bread*
	27564270	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole wheat bread*
	27564280	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole grain white bread*
	27564300	Frankfurter or hot dog sandwich, reduced fat or light, plain, on white bun*
	27564301	Frankfurter or hot dog sandwich, reduced fat or light, plain, on wheat bun*
	27564303	Frankfurter or hot dog sandwich, reduced fat or light, plain, on whole grain white bun*
	27564310	Frankfurter or hot dog sandwich, reduced fat or light, plain, on white bread*
	27564330	Frankfurter or hot dog sandwich, reduced fat or light, plain, on whole wheat bread*
	27564360	Frankfurter or hot dog sandwich, fat free, plain, on white bun*
	27564361	Frankfurter or hot dog sandwich, fat free, plain, on wheat bun*
	27564362	Frankfurter or hot dog sandwich, fat free, plain, on whole wheat bun*
	27564364	Frankfurter or hot dog sandwich, fat free, plain, on multigrain bun*
	27564370	Frankfurter or hot dog sandwich, fat free, plain, on white bread*
	27564420	Frankfurter or hot dog sandwich, meatless, plain, on bun*
	27564430	Frankfurter or hot dog sandwich, meatless, plain, on bread*
	27564440	Frankfurter or hot dog sandwich, with chili, on white bun*
	27564441	Frankfurter or hot dog sandwich, with chili, on wheat bun*
	27564442	Frankfurter or hot dog sandwich, with chili, on whole wheat bun*
	27564443	Frankfurter or hot dog sandwich, with chili, on whole grain white bun*
	27564450	Frankfurter or hot dog sandwich, with chili, on white bread*
	27564460	Frankfurter or hot dog sandwich, with chili, on wheat bread*

Proposed Food Use	Food code	Food description
	27564500	Frankfurter or hot dog sandwich, with meatless chili, on white bun*
	27564510	Frankfurter or hot dog sandwich, with meatless chili, on white bread*
	27570310	Hors d'oeuvres, with spread*
	28141050	Chicken patty parmigiana, breaded, with vegetable, diet frozen meal*
	28145100	Turkey with gravy, dressing, vegetable and fruit, diet frozen meal*
	32105190	Egg casserole with bread, cheese, milk and meat*
	32201000	Fried egg sandwich*
	32202000	Egg, cheese, ham, and bacon on bun*
	32202034	Egg, cheese, and sausage on bun*
	32202035	Egg, extra cheese, and extra sausage, on bun*
	32204010	Scrambled egg sandwich*
	41901020	Soyburger, meatless, with cheese on bun*
	42301015	Peanut butter sandwich, with regular peanut butter, on white bread*
	42301020	Peanut butter sandwich, with regular peanut butter, on wheat bread*
	42301025	Peanut butter sandwich, with regular peanut butter, on whole wheat bread*
	42301115	Peanut butter sandwich, with reduced fat peanut butter, on white bread*
	42301125	Peanut butter sandwich, with reduced fat peanut butter, on whole wheat bread*
	42302010	Peanut butter and jelly sandwich, NFS*
	42302015	Peanut butter and jelly sandwich, with regular peanut butter, regular jelly, on white bread*
	42302020	Peanut butter and jelly sandwich, with regular peanut butter, regular jelly, on wheat bread*
	42302025	Peanut butter and jelly sandwich, with regular peanut butter, regular jelly, on whole wheat bread*
	42302055	Peanut butter and jelly sandwich, with reduced fat peanut butter, regular jelly, on white bread*
	42302060	Peanut butter and jelly sandwich, with reduced fat peanut butter, regular jelly, on wheat bread*
	42302065	Peanut butter and jelly sandwich, with reduced fat peanut butter, regular jelly, on whole wheat bread*
	42302105	Peanut butter and jelly sandwich, with regular peanut butter, reduced sugar jelly, on white bread*
	42302110	Peanut butter and jelly sandwich, with regular peanut butter, reduced sugar jelly, on wheat bread*
	42302115	Peanut butter and jelly sandwich, with regular peanut butter, reduced sugar jelly, on whole wheat bread*
	42302155	Peanut butter and jelly sandwich, with reduced fat peanut butter, reduced sugar jelly, on white bread*
	42302160	Peanut butter and jelly sandwich, with reduced fat peanut butter, reduced sugar jelly, on wheat bread*
	42302165	Peanut butter and jelly sandwich, with reduced fat peanut butter, reduced sugar jelly, on whole wheat bread*
	42303100	Peanut butter and jelly sandwich, frozen commercial product without crusts*
	51000100	Bread, NS as to major flour
	51000110	Bread, NS as to major flour, toasted
	51000180	Bread, made from home recipe or purchased at a bakery, NS as to major flour
	51000190	Bread, made from home recipe or purchased at a bakery, toasted, NS as to major flour
	51000200	Roll, NS as to major flour

Proposed Food Use	Food code	Food description
	51000300	Roll, hard, NS as to major flour
	51101000	Bread, white
	51101010	Bread, white, toasted
	51101050	Bread, white, made from home recipe or purchased at a bakery
	51101060	Bread, white, made from home recipe or purchased at a bakery, toasted
	51102010	Bread, white with whole wheat swirl
	51102020	Bread, white with whole wheat swirl, toasted
	51105010	Bread, Cuban
	51105040	Bread, Cuban, toasted
	51106010	Bread, native, water, Puerto Rican style
	51107010	Bread, French or Vienna
	51107040	Bread, French or Vienna, toasted
	51108010	Focaccia, Italian flatbread, plain
	51108100	Naan, Indian flatbread
	51109010	Bread, Italian, Grecian, Armenian
	51109040	Bread, Italian, Grecian, Armenian, toasted
	51109100	Bread, pita
	51109110	Bread, pita, toasted
	51109150	Bread, pita with fruit
	51111010	Bread, cheese
	51111040	Bread, cheese, toasted
	51113010	Bread, cinnamon
	51113100	Bread, cinnamon, toasted
	51115020	Bread, cornmeal and molasses, toasted
	51119010	Bread, egg, Challah
	51119040	Bread, egg, Challah, toasted
	51121010	Bread, garlic
	51121015	Garlic bread, NFS
	51121025	Garlic bread, from fast food / restaurant
	51121035	Garlic bread, from frozen
	51121045	Garlic bread, with parmesan cheese, from fast food / restaurant
	51121055	Garlic bread, with parmesan cheese, from frozen
	51121065	Garlic bread, with melted cheese, from fast food / restaurant
	51121075	Garlic bread, with melted cheese, from frozen
	51122000	Bread, reduced calorie and/or high fiber, white or NFS
	51122100	Bread, reduced calorie and/or high fiber, white or NFS, with fruit and/or nuts
	51122110	Bread, reduced calorie and/or high fiber, white or NFS, with fruit and/or nuts, toasted
	51123010	Bread, high protein
	51127010	Bread, potato
	51127020	Bread, potato, toasted
	51129010	Bread, raisin
	51129020	Bread, raisin, toasted
	51133010	Bread, sour dough
	51133020	Bread, sour dough, toasted
	51134000	Bread, sweet potato
	51135000	Bread, vegetable
	51135010	Bread, vegetable, toasted
	51136000	Bruschetta*

Proposed Food Use	Food code	Food description
	51140100	Bread, dough, fried
	51150000	Roll, white, soft
	51153000	Roll, white, hard
	51154010	Roll, white, hot dog bun
	51154100	Roll, white, hamburger bun
	51154510	Roll, diet
	51154550	Roll, egg bread
	51154600	Roll, cheese
	51155000	Roll, French or Vienna
	51156500	Roll, garlic
	51157000	Roll, white, hoagie, submarine
	51158100	Roll, Mexican, bolillo
	51159000	Roll, sour dough
	51187020	Anisette toast
	51300050	Bread, whole grain white
	51300060	Bread, whole grain white, toasted
	51300110	Bread, whole wheat
	51300120	Bread, whole wheat, toasted
	51300140	Bread, whole wheat, made from home recipe or purchased at bakery
	51300150	Bread, whole wheat, made from home recipe or purchased at bakery, toasted
	51300175	Bread, chappatti or roti, wheat
	51300180	Bread, puri, wheat
	51300185	Bread, paratha, wheat
	51300210	Bread, whole wheat, with raisins
	51300220	Bread, whole wheat, with raisins, toasted
	51300300	Bread, sprouted wheat
	51300310	Bread, sprouted wheat, toasted
	51301010	Bread, wheat or cracked wheat
	51301020	Bread, wheat or cracked wheat, toasted
	51301040	Bread, wheat or cracked wheat, made from home recipe or purchased at bakery
	51301050	Bread, wheat or cracked wheat, made from home recipe or purchased at bakery, toasted
	51301120	Bread, wheat or cracked wheat, with raisins
	51301510	Bread, wheat or cracked wheat, reduced calorie and/or high fiber
	51301520	Bread, wheat or cracked wheat, reduced calorie and/or high fiber, toasted
	51301540	Bread, French or Vienna, whole wheat
	51301550	Bread, French or Vienna, whole wheat, toasted
	51301600	Bread, pita, whole wheat
	51301610	Bread, pita, whole wheat, toasted
	51301620	Bread, pita, wheat or cracked wheat
	51320010	Roll, wheat or cracked wheat
	51320060	Roll, wheat or cracked wheat, hot dog bun
	51320070	Roll, wheat or cracked wheat, hamburger bun
	51320500	Roll, whole wheat
	51320550	Roll, whole wheat, hot dog bun
	51320560	Roll, whole wheat, hamburger bun
	51320700	Roll, whole grain white
	51320710	Roll, whole grain white, hot dog bun
	51320720	Roll, whole grain white, hamburger bun

Proposed Food Use	Food code	Food description
	51401010	Bread, rye
	51401020	Bread, rye, toasted
	51401030	Bread, marble rye and pumpernickel
	51401040	Bread, marble rye and pumpernickel, toasted
	51404010	Bread, pumpernickel
	51404020	Bread, pumpernickel, toasted
	51407010	Bread, black
	51420000	Roll, rye
	51421000	Roll, pumpernickel
	51501010	Bread, oatmeal
	51501020	Bread, oatmeal, toasted
	51501040	Bread, oat bran
	51501050	Bread, oat bran, toasted
	51502010	Roll, oatmeal
	51601010	Bread, multigrain, toasted
	51601020	Bread, multigrain
	51601210	Bread, multigrain, with raisins
	51602020	Bread, multigrain, reduced calorie and/or high fiber, toasted
	51620000	Roll, multigrain
	51620020	Roll, multigrain, hot dog bun
	51620030	Roll, multigrain, hamburger bun
	51805010	Bread, sunflower meal
	51806010	Bread, rice
	51806020	Bread, rice, toasted
	51807000	Injera, Ethiopian bread
	51808000	Bread, gluten free
	51808010	Bread, gluten free, toasted
	51808100	Roll, gluten free
	53116650	Cake, Quezadilla, El Salvadorian style
	53415100	Crisp, apple, apple dessert*
	55300010	French toast, NFS*
	55300020	French toast, plain, from frozen*
	55300050	French toast, plain, from fast food / restaurant*
	55300060	French toast, from school, NFS*
	55301000	French toast, plain*
	55301015	French toast, whole grain*
	55301020	French toast, whole grain, reduced fat*
	55301025	French toast, gluten free*
	55301031	French toast sticks, plain, from frozen*
	55301048	French toast sticks, from school, NFS*
	55301055	French toast sticks, whole grain*
	55310100	Fried bread, Puerto Rican style*
	58127500	Vegetable submarine sandwich, with fat free spread*
	58162090	Stuffed pepper, with meat*
	58201005	Jelly sandwich, regular jelly, on white bread*
	58201015	Jelly sandwich, regular jelly, on wheat bread*
	58201025	Jelly sandwich, regular jelly, on whole wheat bread*
	58201045	Jelly sandwich, reduced sugar jelly, on wheat bread*
	75608100	Onion soup, French*

Proposed Food Use	Food code	Food description
	51183990	Breadsticks, NFS
	51184000	Breadsticks, hard, NFS
	51184020	Bread stick, NS as to hard or soft
	51184010	Bread stick, soft
	51184030	Bread stick, soft, prepared with garlic and parmesan cheese
	51184200	Breadsticks, soft, NFS
	51184210	Breadsticks, soft, from fast food / restaurant
	51184220	Breadsticks, soft, from frozen
	51184230	Breadsticks, soft, with parmesan cheese, from fast food / restaurant
	51184240	Breadsticks, soft, with parmesan cheese, from frozen
	51184250	Breadsticks, soft, topped with melted cheese
	51184260	Breadsticks, soft, stuffed with melted cheese
	51165000	Coffee cake, yeast type
	51166000	Croissant
	51166100	Croissant, cheese
	51166200	Croissant, chocolate
	51166500	Croissant, fruit
	58127210	Croissant sandwich, filled with ham and cheese*
	58127270	Croissant sandwich with sausage and egg*
	58127290	Croissant sandwich with bacon and egg*
	58127310	Croissant sandwich with ham, egg, and cheese*
	58127330	Croissant sandwich with sausage, egg, and cheese*
	58127350	Croissant sandwich with bacon, egg, and cheese*
	51185000	Croutons
	27560670	Sausage and cheese on English muffin*
	32202010	Egg, cheese, and ham on English muffin*
	32202030	Egg, cheese, and sausage on English muffin*
	32202040	Egg, cheese, and beef on English Muffin*
	32202080	Egg, cheese, and bacon on English muffin*
	51186010	Muffin, English
	51186100	Muffin, English, with raisins
	51186160	Muffin, English, with fruit other than raisins
	51302500	Muffin, English, wheat bran
	51303010	Muffin, English, wheat or cracked wheat
	51303030	Muffin, English, whole wheat
	51303050	Muffin, English, wheat or cracked wheat, with raisins
	51303070	Muffin, English, whole wheat, with raisins
	51303100	Muffin, English, whole grain white
	51630200	Muffin, English, multigrain
	58106200	Pizza, cheese, from frozen, thin crust*
	58106205	Pizza, cheese, from frozen, thick crust*
	58106210	Pizza, cheese, from restaurant or fast food, NS as to type of crust*
	58106220	Pizza, cheese, from restaurant or fast food, thin crust*
	58106225	Pizza, cheese, from restaurant or fast food, medium crust*
	58106230	Pizza, cheese, from restaurant or fast food, thick crust*
	58106233	Pizza, cheese, stuffed crust*
	58106234	Pizza, cheese, from school lunch, medium crust*
	58106235	Pizza, cheese, from school lunch, thin crust*
	58106236	Pizza, cheese, from school lunch, thick crust*

Proposed Food Use	Food code	Food description
	58106250	Pizza, extra cheese, thin crust*
	58106255	Pizza, extra cheese, regular crust*
	58106260	Pizza, extra cheese, thick crust*
	58106300	Pizza, cheese, with vegetables, from frozen, thin crust*
	58106305	Pizza, cheese with vegetables, from frozen, thick crust*
	58106310	Pizza, cheese, with vegetables, NS as to type of crust*
	58106320	Pizza, cheese, with vegetables, from restaurant or fast food, thin crust*
	58106325	Pizza, cheese, with vegetables, from restaurant or fast food, medium crust*
	58106330	Pizza, cheese, with vegetables, from restaurant or fast food, thick crust*
	58106345	Pizza with cheese and extra vegetables, thin crust*
	58106347	Pizza with cheese and extra vegetables, medium crust*
	58106350	Pizza with cheese and extra vegetables, thick crust*
	58106358	Pizza, cheese, with fruit, thin crust*
	58106359	Pizza, cheese, with fruit, medium crust*
	58106360	Pizza, cheese, with fruit, thick crust*
	58106500	Pizza with meat, prepared from frozen, thin crust*
	58106505	Pizza with meat, prepared from frozen, thick crust*
	58106512	Pizza with pepperoni, from frozen, thin crust*
	58106514	Pizza with pepperoni, from frozen, medium crust*
	58106516	Pizza with pepperoni, from frozen, thick crust*
	58106540	Pizza with pepperoni, from restaurant or fast food, NS as to type of crust*
	58106550	Pizza with pepperoni, from restaurant or fast food, thin crust*
	58106555	Pizza with pepperoni, from restaurant or fast food, medium crust*
	58106560	Pizza with pepperoni, from restaurant or fast food, thick crust*
	58106565	Pizza with pepperoni, stuffed crust*
	58106570	Pizza with pepperoni, from school lunch, thin crust*
	58106578	Pizza, with pepperoni, from school lunch, medium crust*
	58106580	Pizza with pepperoni, from school lunch, thick crust*
	58106602	Pizza with meat other than pepperoni, from frozen, thin crust*
	58106604	Pizza with meat other than pepperoni, from frozen, medium crust*
	58106606	Pizza with meat other than pepperoni, from frozen, thick crust*
	58106610	Pizza with meat other than pepperoni, from restaurant or fast food, NS as to type of crust*
	58106620	Pizza with meat other than pepperoni, from restaurant or fast food, thin crust*
	58106625	Pizza with meat other than pepperoni, from restaurant or fast food, medium crust*
	58106630	Pizza with meat other than pepperoni, from restaurant or fast food, thick crust*
	58106633	Pizza, with meat other than pepperoni, stuffed crust*
	58106634	Pizza, with meat other than pepperoni, from school lunch, medium crust*
	58106635	Pizza, with meat other than pepperoni, from school lunch, thin crust*
	58106636	Pizza, with meat other than pepperoni, from school lunch, thick crust*
	58106640	Pizza with extra meat, NS as to type of crust*
	58106650	Pizza with extra meat, thin crust*
	58106655	Pizza with extra meat, medium crust*
	58106660	Pizza with extra meat, thick crust*
	58106700	Pizza with meat and vegetables, from frozen, thin crust*
	58106702	Pizza with meat and vegetables, from frozen, medium crust*
	58106705	Pizza with meat and vegetables, from frozen, thick crust*
	58106720	Pizza with meat and vegetables, from restaurant or fast food, thin crust*
	58106725	Pizza with meat and vegetables, from restaurant or fast food, medium crust*

Proposed Food Use	Food code	Food description
	58106730	Pizza with meat and vegetables, from restaurant or fast food, thick crust*
	58106736	Pizza with extra meat and extra vegetables, thin crust*
	58106737	Pizza with extra meat and extra vegetables, thick crust*
	58106738	Pizza with extra meat and extra vegetables, medium crust*
	58106750	Pizza with meat and fruit, thin crust*
	58106755	Pizza with meat and fruit, medium crust*
	58106760	Pizza with meat and fruit, thick crust*
	58106820	Pizza with beans and vegetables, thin crust*
	58107050	Pizza, no cheese, thin crust*
	58107205	White pizza, cheese, thin crust*
	58107212	White pizza, cheese, with vegetables, thin crust*
	58107220	White pizza, thin crust*
	58107222	White pizza, cheese, with meat, thin crust*
	58107230	White pizza, thick crust*
	58107232	White pizza, cheese, with meat and vegetables, thin crust*
	58108000	Calzone, with cheese, meatless*
	58108010	Calzone, with meat and cheese*
	58108050	Pizza rolls*
	58109015	Pizza, cheese, whole wheat thin crust*
	58109020	Pizza, cheese, whole wheat thick crust*
	58109030	Pizza, with meat, whole wheat thin crust*
	58109050	Pizza, cheese and vegetables, whole wheat thin crust*
	58109100	Pizza, cheese, gluten-free thin crust*
	58109120	Pizza, with meat, gluten-free thin crust*
	58109130	Pizza, with meat, gluten-free thick crust*
	58109140	Pizza, cheese and vegetables, gluten-free thin crust*
	58109210	Breakfast pizza with egg*
	51182010	Bread stuffing
	51182020	Bread stuffing made with egg
	58128210	Dressing with oysters
	58128220	Dressing with chicken or turkey and vegetables
	58128250	Dressing with meat and vegetables
	52101040	Crumpet
	52401000	Bread, Boston Brown
	52403000	Bread, nut
	52404060	Bread, pumpkin
	52405010	Bread, fruit
	52407000	Bread, zucchini
	52408000	Bread, Irish soda
	51160000	Roll, sweet, no frosting
	51160100	Roll, sweet, cinnamon bun, no frosting
	51160110	Roll, sweet, cinnamon bun, frosted
	51161000	Pan Dulce, with fruit, no frosting
	51161020	Roll, sweet, with fruit, frosted
	51161050	Roll, sweet, frosted
	51161250	Pan Dulce, no topping
	51161270	Pan Dulce, with sugar topping
	51161280	Pan Dulce, with raisins and icing
	51167000	Brioche

Proposed Food Use	Food code	Food description
	51188100	Pannetone
RTE bars		
	53710400	Cereal or granola bar (General Mills Fiber One Chewy Bar)
	53710500	Cereal or granola bar (Kellogg's Nutri-Grain Cereal Bar)
	53710502	Cereal or granola bar (Kellogg's Nutri-Grain Yogurt Bar)
	53710504	Cereal or granola bar (Kellogg's Nutri-Grain Fruit and Nut Bar)
	53710600	Milk 'n Cereal bar
	53710700	Cereal or granola bar (Kellogg's Special K bar)
	53710800	Cereal or granola bar (Kashi Chewy)
	53710802	Cereal or granola bar (Kashi Crunchy)
	53710804	Kashi GOLEAN Crunchy Bars
	53710806	Kashi TLC Crunchy Granola Bar
	53710900	Cereal or granola bar (General Mills Nature Valley Chewy Trail Mix)
	53710902	Cereal or granola bar, with yogurt coating (General Mills Nature Valley Chewy Granola Bar)
	53710904	Cereal or granola bar (General Mills Nature Valley Sweet and Salty Granola Bar)
	53710906	Cereal or granola bar (General Mills Nature Valley Crunchy Granola Bar)
	53711000	Cereal or granola bar (Quaker Chewy Granola Bar)
	53711002	Cereal or granola bar (Quaker Chewy 90 Calorie Granola Bar)
	53711004	Cereal or granola bar (Quaker Chewy 25% Less Sugar Granola Bar)
	53711006	Cereal or granola bar (Quaker Chewy Dipps Granola Bar)
	53711100	Cereal or granola bar (Quaker Granola Bites)
	53712000	Snack bar, oatmeal
	53712100	Cereal or Granola bar, NFS
	53712200	Cereal or granola bar, lowfat, NFS
	53712210	Cereal or granola bar, nonfat
	53713100	Cereal or granola bar, peanuts , oats, sugar, wheat germ
	53714200	Cereal or granola bar, chocolate coated, NFS
	53714210	Cereal or granola bar, with coconut, chocolate coated
	53714220	Cereal or granola bar with nuts, chocolate coated
	53714230	Cereal or granola bar, oats, nuts, coated with non-chocolate coating
	53714250	Cereal or granola bar, coated with non-chocolate coating
	53714300	Cereal or granola bar, high fiber, coated with non-chocolate yogurt coating
	53714400	Cereal or granola bar, with rice cereal
	53714500	Breakfast bar, NFS
	53714520	Breakfast bar, cereal crust with fruit filling, lowfat
	53720100	Nutrition bar (Balance Original Bar)
	53720200	Nutrition bar (Clif Bar)
	53720210	Nutrition bar (Clif Kids Organic Zbar)
	53720300	Nutrition bar (PowerBar)
	53720400	Nutrition bar (Slim Fast Original Meal Bar)
	53720500	Nutrition bar (Snickers Marathon Protein Bar)
	53720600	Nutrition bar (South Beach Living Meal Bar)
	53720610	Nutrition bar (South Beach Living High Protein Bar)
	53720700	Nutrition bar (Tiger's Milk)
	53720800	Nutrition bar (Zone Perfect Classic Crunch)
	53729000	Nutrition bar or meal replacement bar, NFS
RTE dry cereals		
	57000000	Cereal, NFS

Proposed Food Use	Food code	Food description
	57000050	Kashi cereal, NS as to ready to eat or cooked
	57000100	Cereal, oat, NFS
	57100100	Cereal, ready-to-eat, NFS
	57101000	Cereal (Kellogg's All-Bran)
	57103000	Cereal (Post Alpha-Bits)
	57103020	Alpha-bits with marshmallows
	57103100	Cereal (General Mills Cheerios Apple Cinnamon)
	57104000	Cereal (Kellogg's Apple Jacks)
	57106050	Cereal (Post Great Grains Banana Nut Crunch)
	57106060	Cereal (General Mills Cheerios Banana Nut)
	57106100	Cereal (General Mills Basic 4)
	57106250	Cereal (General Mills Kix Berry Berry)
	57106260	Cereal (General Mills Cheerios Berry Burst)
	57107000	Cereal (General Mills Boo Berry)
	57110000	Cereal (Kellogg's All-Bran Bran Buds)
	57117000	Cereal (Quaker Cap'n Crunch)
	57119000	Cereal (Quaker Cap'n Crunch's Crunchberries)
	57120000	Cereal (Quaker Cap'n Crunch's Peanut Butter Crunch)
	57123000	Cereal (General Mills Cheerios)
	57124000	Chex cereal, NFS
	57124030	Cereal (General Mills Chex Chocolate)
	57124050	Cereal (General Mills Chex Cinnamon)
	57124100	Cereal (General Mills Cheerios Chocolate)
	57124200	Cereal, chocolate flavored, frosted, puffed corn
	57124300	Cereal (General Mills Lucky Charms Chocolate)
	57124900	Cereal (Kellogg's Cinnabon)
	57125000	Cereal (General Mills Cinnamon Toast Crunch)
	57125010	Cereal (General Mills 25% Less Sugar Cinnamon Toast Crunch)
	57125900	Cereal (General Mills Honey Nut Clusters)
	57126000	Cereal (Kellogg's Cocoa Krispies)
	57127000	Cereal (Post Cocoa Pebbles)
	57128000	Cereal (General Mills Cocoa Puffs)
	57128005	Cereal (General Mills 25% Less Sugar Cocoa Puffs)
	57130000	Cereal (General Mills Cookie Crisp)
	57131000	Cereal (Quaker Corn Bran Crunch)
	57132000	Cereal (General Mills Chex Corn)
	57134000	Cereal, corn flakes
	57135000	Cereal (Kellogg's Corn Flakes)
	57137000	Cereal, corn puffs
	57139000	Cereal (General Mills Count Chocula)
	57143000	Cereal (Kellogg's Cracklin' Oat Bran)
	57143500	Cereal (Post Great Grains, Cranberry Almond Crunch)
	57148000	Cereal (Kellogg's Crispix)
	57148500	Cereal, crispy brown rice
	57151000	Cereal, crispy rice
	57201900	Cereal (General Mills Dora The Explorer)
	57206700	Cereal (General Mills Fiber One)
	57206705	Cereal (General Mills Fiber One Caramel Delight)
	57206710	Cereal (General Mills Fiber One Honey Clusters)

Proposed Food Use	Food code	Food description
	57206715	Cereal (General Mills Fiber One Raisin Bran Clusters)
	57207000	Cereal, bran flakes
	57208000	Cereal (Kellogg's All-Bran Complete Wheat Flakes)
	57209000	Cereal (Post Bran Flakes)
	57211000	Cereal (General Mills Frankenberry)
	57213000	Cereal (Kellogg's Froot Loops)
	57213010	Cereal (Kellogg's Froot Loops Marshmallow)
	57213850	Cereal (General Mills Cheerios Frosted)
	57214000	Cereal (Kellogg's Frosted Mini-Wheats)
	57214100	Frosted Wheat Bites
	57215000	Frosty O's
	57216000	Cereal, frosted rice
	57218000	Cereal (Kellogg's Frosted Krispies)
	57219000	Cereal, fruit and fiber
	57221700	Cereal, fruit rings
	57221800	Cereal, fruit whirls
	57221810	Cereal (General Mills Cheerios Fruity)
	57223000	Cereal (Post Fruity Pebbles)
	57224000	Cereal (General Mills Golden Grahams)
	57227000	Cereal, granola
	57228000	Granola, homemade
	57229000	Cereal (Kellogg's Low Fat Granola)
	57229500	Cereal (Kellogg's Low Fat Granola with Raisins)
	57230000	Cereal (Post Grape-Nuts)
	57231000	Cereal (Post Grape-Nuts Flakes)
	57231200	Cereal (Post Great Grains Raisins, Dates, and Pecans)
	57231250	Cereal (Post Great Grains Double Pecan Whole Grain Cereal)
	57237100	Cereal (Post Honey Bunches of Oats Honey Roasted)
	57237200	Cereal (Post Honey Bunches of Oats with Vanilla Bunches)
	57237300	Cereal (Post Honey Bunches of Oats with Almonds)
	57237900	Cereal (Post Honey Bunches of Oats Just Bunches)
	57238000	Cereal (Post Honeycomb)
	57239000	Honeycomb, strawberry
	57239100	Cereal (Kellogg's Honey Crunch Corn Flakes)
	57240100	Cereal (General Mills Chex Honey Nut)
	57241000	Cereal (General Mills Cheerios Honey Nut)
	57241200	Cereal (Post Shredded Wheat Honey Nut)
	57243000	Cereal (Kellogg's Honey Smacks)
	57301500	Cereal (Kashi 7 Whole Grain Puffs)
	57301505	Cereal (Kashi Autumn Wheat)
	57301510	Cereal (Kashi GOLEAN)
	57301511	Cereal (Kashi GOLEAN Crunch)
	57301512	Cereal (Kashi GOLEAN Crunch Honey Almond Flax)
	57301520	Cereal (Kashi Good Friends)
	57301530	Cereal (Kashi Heart to Heart Honey Toasted Oat)
	57301535	Cereal (Kashi Heart to Heart Oat Flakes and Blueberry Clusters)
	57303100	Cereal (General Mills Kix)
	57303105	Cereal (General Mills Honey Kix)
	57303200	Cereal (Kellogg's Krave)

Proposed Food Use	Food code	Food description
	57304100	Cereal (Quaker Life)
	57305100	Cereal (General Mills Lucky Charms)
	57305150	Cereal, frosted oat cereal with marshmallows
	57305165	Cereal (Malt-O-Meal Cinnamon Toasters)
	57305170	Cereal (Malt-O-Meal Coco-Roos)
	57305174	Cereal (Malt-O-Meal Colossal Crunch)
	57305175	Cereal (Malt-O-Meal Cocoa Dyno-Bites)
	57305180	Cereal (Malt-O-Meal Corn Bursts)
	57305200	Cereal (Malt-O-Meal Crispy Rice)
	57305210	Cereal (Malt-O-Meal Frosted Flakes)
	57305215	Cereal (Malt-O-Meal Frosted Mini Spooners)
	57305300	Cereal (Malt-O-Meal Fruity Dyno-Bites)
	57305400	Cereal (Malt-O-Meal Honey Graham Squares)
	57305500	Cereal (Malt-O-Meal Honey Nut Toasty O's)
	57305600	Cereal (Malt-O-Meal Marshmallow Mateys)
	57306100	Malt-O-Meal Puffed Rice
	57306120	Malt-O-Meal Puffed Wheat
	57306130	Cereal (Malt-O-Meal Raisin Bran)
	57306500	Cereal (Malt-O-Meal Golden Puffs)
	57306700	Cereal (Malt-O-Meal Toasted Oat Cereal)
	57306800	Cereal (Malt-O-Meal Tootie Fruities)
	57307010	Cereal (Post Maple Pecan Crunch)
	57307500	Cereal, millet, puffed
	57308150	Mueslix cereal, NFS
	57308190	Cereal, muesli
	57308400	Cereal (General Mills Cheerios Multigrain)
	57309100	Cereal (Nature Valley Granola)
	57316300	Cereal (Health Valley Oat Bran Flakes)
	57316380	Cereal (General Mills Cheerios Oat Cluster Crunch)
	57316385	Cereal (General Mills Cheerios Protein)
	57316450	Cereal (General Mills Oatmeal Crisp with Almonds)
	57316710	Cereal (Quaker Honey Graham Oh's)
	57320500	Cereal (Quaker Granola with Oats, Honey, and Raisins)
	57321900	Cereal (Nature's Path Organic Flax Plus)
	57321905	Organic Flax Plus, Pumpkin Granola, Nature's Path
	57326000	Cereal (Barbara's Puffins)
	57327450	Cereal (Quaker Toasted Oat Bran)
	57327500	Cereal (Quaker Oatmeal Squares)
	57329000	Cereal, raisin bran
	57330000	Cereal (Kellogg's Raisin Bran)
	57330010	Cereal (Kellogg's Raisin Bran Crunch)
	57331000	Cereal (Post Raisin Bran)
	57332050	Cereal (General Mills Total Raisin Bran)
	57332100	Cereal (General Mills Raisin Nut Bran)
	57335550	Cereal (General Mills Reese's Puffs)
	57336000	Cereal (General Mills Chex Rice)
	57337000	Cereal, rice flakes
	57339000	Cereal (Kellogg's Rice Krispies)
	57339500	Cereal (Kellogg's Rice Krispies Treats Cereal)

Proposed Food Use	Food code	Food description
	57340000	Cereal, puffed rice
	57341000	Cereal (Post Shredded Wheat'n Bran)
	57341200	Cereal (Kellogg's Smart Start Strong)
	57344000	Cereal (Kellogg's Special K)
	57344001	Cereal (Kellogg's Special K Blueberry)
	57344005	Cereal (Kellogg's Special K Chocolatey Delight)
	57344007	Cereal (Kellogg's Special K Low Fat Granola)
	57344010	Cereal (Kellogg's Special K Red Berries)
	57344015	Cereal (Kellogg's Special K Fruit & Yogurt)
	57344020	Cereal (Kellogg's Special K Vanilla Almond)
	57344025	Cereal (Kellogg's Special K Cinnamon Pecan)
	57347000	Cereal (Kellogg's Corn Pops)
	57348000	Cereal, frosted corn flakes
	57349000	Cereal (Kellogg's Frosted Flakes)
	57349020	Cereal (Kellogg's Frosted Flakes, Reduced Sugar)
	57355000	Cereal (Post Golden Crisp)
	57401100	Cereal, toasted oat
	57406100	Cereal (General Mills Total)
	57407100	Cereal (General Mills Trix)
	57407110	Cereal (General Mills 25% Less Sugar Trix)
	57410000	Cereal (Weetabix Whole Grain)
	57411000	Cereal (General Mills Chex Wheat)
	57416000	Cereal, puffed wheat, plain
	57416010	Cereal, puffed wheat, sweetened
	57417000	Cereal (Post Shredded Wheat)
	57418000	Cereal (General Mills Wheaties)
	57419000	Cereal (General Mills Cheerios Yogurt Burst)
Hard candy		
	91700010	Candy, NFS
	91718000	Honey-combed hard candy with peanut butter
	91745020	Hard candy
	91745040	Butterscotch hard candy
	91770020	Dietetic or low calorie hard candy
Tofu		
	27415120	Beef, tofu, and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-based sauce*
	27415220	Beef, tofu, and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	27420100	Pork, tofu, and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-base sauce*
	27420370	Pork, tofu, and vegetables, excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	28340550	Sweet and sour soup*
	28340800	Chicken or turkey soup with vegetables and fruit, Asian Style*
	41420010	Soybean curd
	41420050	Soybean curd cheese
	41420380	Yogurt, soy
	41421010	Soybean curd, deep fried
	41422010	Soybean meal

Proposed Food Use	Food code	Food description
	41480000	Tofu, frozen dessert, flavors other than chocolate*
	41601070	Soybean soup, miso broth*
	41811890	Vegetarian burger or patty, meatless, no bun
	41812500	Tofu and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, with soy-based sauce*
	41812510	Tofu and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, with soy-based sauce*
	41901020	Soyburger, meatless, with cheese on bun*
	58137220	Pad Thai, meatless*
	58401200	Barley soup, sweet, with or without nuts, Asian Style*
	75340200	Jai, Monk's Food*
Soups/broth		
	27113100	Beef stroganoff*
	27114000	Beef with mushroom sauce*
	27144000	Chicken or turkey with mushroom sauce*
	27211190	Beef and potatoes with cream sauce, white sauce or mushroom sauce*
	27212350	Beef stroganoff with noodles*
	27212400	Beef and noodles with mushroom sauce*
	27213120	Porcupine balls with tomato-based sauce*
	27242350	Chicken or turkey tetrazzini*
	27243400	Chicken or turkey and rice with mushroom sauce*
	27250124	Shrimp and noodles with mushroom sauce*
	27250630	Tuna noodle casserole with mushroom sauce*
	27250710	Tuna and rice with mushroom sauce*
	27311610	Beef, potatoes, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27311620	Beef, potatoes, and vegetables excluding carrots, broccoli, and dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27315320	Beef, rice, and vegetables excluding carrots, broccoli, and dark-green leafy; mushroom sauce*
	27341035	Chicken or turkey, potatoes, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27341040	Chicken or turkey, potatoes, and vegetables excluding carrots, broccoli, and dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27343470	Chicken or turkey, noodles, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27343480	Chicken or turkey, noodles, and vegetables excluding carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27345410	Chicken or turkey, rice, and vegetables including carrots, broccoli, and/or dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27345420	Chicken or turkey, rice, and vegetables excluding carrots, broccoli, and dark-green leafy; cream sauce, white sauce, or mushroom sauce*
	27414100	Beef with vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, mushroom sauce*
	27450660	Shellfish mixture and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, mushroom sauce*
	28110380	Salisbury steak with gravy, macaroni and cheese, frozen meal*
	41812850	Vegetarian stroganoff*
	58120110	Crepe, filled with meat, poultry, or seafood, with sauce*

Proposed Food Use	Food code	Food description
	58120120	Crepe, filled with meat, poultry, or seafood, no sauce*
	71507050	White potato, stuffed, baked, peel not eaten, stuffed with meat in cream sauce*
	71508050	White potato, stuffed, baked, peel eaten, stuffed with meat in cream sauce*
	72202020	Broccoli casserole with rice*
	75403020	Beans, string, green, cooked, NS as to form, with mushroom sauce*
	75403022	Beans, string, green, cooked, from frozen, with mushroom sauce*
	75403023	Beans, string, green, cooked, from canned, with mushroom sauce*
	75417022	Peas, cooked, from frozen, with mushroom sauce*
	27113300	Swedish meatballs with cream or white sauce*
	27243300	Chicken or turkey and rice with cream sauce*
	28520000	Gravy or sauce, made with soy sauce, stock or bouillon, cornstarch*
	58163510	Rice dressing*
	58164560	Rice, white, with soy-based sauce, NS as to fat added in cooking*
	58164570	Rice, white, with soy-based sauce, fat not added in cooking*
	58164870	Rice, brown, with soy-based sauce, fat not added in cooking*
	58165060	Rice, white, with vegetables, soy-based sauce, NS as to fat added in cooking*
	58165070	Rice, white, with vegetables, soy-based sauce, fat not added in cooking*
	58165080	Rice, white, with vegetables, soy-based sauce, fat added in cooking*
	58165470	Rice, brown, with vegetables, soy-based sauce, fat not added in cooking*
	58165480	Rice, brown, with vegetables, soy-based sauce, fat added in cooking*
	14710200	Beer cheese soup, made with milk
	27115000	Beef with soy-based sauce*
	27120150	Pork or ham with soy-based sauce*
	27141000	Chicken or turkey cacciatore*
	27146160	Chicken with mole sauce*
	27150190	Lobster sauce*
	27160100	Meatballs, NS as to type of meat, with sauce*
	27212500	Beef and noodles with soy-based sauce*
	27213500	Beef and rice with soy-based sauce*
	27241010	Chicken or turkey and potatoes with gravy*
	27242500	Chicken or turkey and noodles with soy-based sauce*
	27243600	Chicken or turkey and rice with soy-based sauce*
	27250128	Shrimp and noodles with soy-based sauce*
	27311645	Beef, potatoes, and vegetables including carrots, broccoli, and/or dark-green leafy; soy-based sauce*
	27313150	Beef, noodles, and vegetables including carrots, broccoli, and/or dark-green leafy; soy-based sauce*
	27313160	Beef, noodles, and vegetables excluding carrots, broccoli, and dark-green leafy; soy-based sauce*
	27315510	Beef, rice, and vegetables including carrots, broccoli, and/or dark-green leafy; soy-based sauce*
	27317010	Beef pot pie*
	27320320	Pork, rice, and vegetables including carrots, broccoli, and/or dark-green leafy; soy-based sauce*
	27320330	Pork, rice, and vegetables excluding carrots, broccoli, and dark-green leafy; soy-based sauce*
	27345310	Chicken or turkey, rice, and vegetables including carrots, broccoli, and/or dark-green leafy; soy-based sauce*

Proposed Food Use	Food code	Food description
	27345320	Chicken or turkey, rice, and vegetables excluding carrots, broccoli, and dark-green leafy; soy-based sauce*
	27350070	Tuna pot pie*
	27350110	Bouillabaisse*
	27360090	Paella, NFS*
	27363000	Gumbo with rice*
	27415100	Beef and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-based sauce*
	27415120	Beef, tofu, and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-based sauce*
	27415170	Kung Pao beef*
	27415200	Beef and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	27415220	Beef, tofu, and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	27416150	Pepper steak*
	27416400	Stir fried beef and vegetables in soy sauce*
	27420100	Pork, tofu, and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-base sauce*
	27420170	Pork and onions with soy-based sauce*
	27420370	Pork, tofu, and vegetables, excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	27420500	Pork and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-based sauce*
	27420510	Pork and vegetables excluding carrots, broccoli, and dark- green leafy; no potatoes, soy-based sauce*
	27443110	Chicken or turkey a la king with vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, cream, white, or soup-based sauce*
	27443120	Chicken or turkey a la king with vegetables excluding carrorts, broccoli, and dark-green leafy; no potatoes, cream, white, or soup-based sauce*
	27443150	Chicken or turkey divan*
	27445120	Chicken or turkey and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	27445180	Moo Goo Gai Pan*
	27445250	Almond chicken*
	27450410	Shrimp and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-based sauce*
	27450420	Shrimp and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	27450470	Kung Pao shrimp*
	27450600	Shellfish mixture and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-based sauce*
	27450740	Fish and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, soy-based sauce*
	27450750	Fish and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, soy-based sauce*
	27464000	Gumbo, no rice*
	27513070	Roast beef submarine sandwich, on roll, au jus*
	28110330	Salisbury steak with gravy, whipped potatoes, vegetable, dessert, frozen meal*

Proposed Food Use	Food code	Food description
	28110350	Salisbury steak with gravy, potatoes, vegetable, dessert, frozen meal*
	28110390	Salisbury steak, potatoes, vegetable, dessert, diet frozen meal*
	28110510	Beef, sliced, with gravy, potatoes, vegetable, frozen meal*
	28113140	Beef with spaetzle or rice, vegetable, frozen meal*
	28140100	Chicken dinner, NFS, frozen meal*
	28140320	Chicken and noodles with vegetable, dessert, frozen meal*
	28141610	Chicken and vegetables in cream or white sauce, diet frozen meal*
	28141650	Chicken and vegetables au gratin with rice, diet frozen entree*
	28143170	Chicken in cream sauce with noodles and vegetable, frozen meal*
	28145100	Turkey with gravy, dressing, vegetable and fruit, diet frozen meal*
	28145610	Turkey with gravy, dressing, potatoes, vegetable, dessert, frozen meal*
	28154010	Shrimp and vegetables in sauce with noodles, diet frozen meal*
	28310110	Beef, broth, bouillon, or consomme
	28310150	Oxtail soup
	28310330	Pho
	28311010	Pepperpot soup
	28311030	Menudo soup, canned, prepared with water or ready-to-serve
	28315050	Beef vegetable soup with potato, pasta, or rice, chunky style, canned, or ready-to-serve
	28315160	Italian Wedding Soup
	28317010	Beef stroganoff soup, chunky style, home recipe, canned or ready-to-serve
	28320130	Ham, rice, and potato soup, Puerto Rican style
	28320140	Ham, noodle, and vegetable soup, Puerto Rican style
	28320160	Pork vegetable soup with potato, pasta, or rice, stew type, chunky style
	28320300	Pork with vegetable excluding carrots, broccoli and/or dark-green leafy; soup, Asian Style
	28321130	Bacon soup, cream of, prepared with water
	28331110	Lamb, pasta, and vegetable soup, Puerto Rican style
	28340110	Chicken or turkey broth, bouillon, or consomme
	28340150	Mexican style chicken broth soup stock
	28340179	Beef broth, less or reduced sodium, canned or ready-to-serve
	28340180	Chicken or turkey broth, less or reduced sodium, canned or ready-to-serve
	28340210	Chicken rice soup, Puerto Rican style
	28340220	Chicken soup with noodles and potatoes, Puerto Rican style
	28340310	Chicken or turkey gumbo soup, home recipe, canned or ready-to-serve
	28340510	Chicken or turkey noodle soup, chunky style, canned or ready-to-serve
	28340580	Chicken or turkey soup with vegetables, broccoli, carrots, celery, potatoes and onions, Asian style
	28340600	Chicken or turkey vegetable soup, canned, prepared with water or ready-to-serve
	28340610	Chicken or turkey vegetable soup, stew type
	28340630	Chicken or turkey vegetable soup with rice, stew type, chunky style
	28340640	Chicken or turkey vegetable soup with noodles, stew type, chunky style, canned or ready-to-serve
	28340690	Chicken or turkey vegetable soup with potato and cheese, chunky style, canned or ready-to-serve
	28340700	Bird's nest soup
	28340750	Hot and sour soup
	28345110	Chicken or turkey soup, cream of, NS as to prepared with milk or water
	28345120	Chicken or turkey soup, cream of, prepared with milk

Proposed Food Use	Food code	Food description
	28345130	Chicken or turkey soup, cream of, prepared with water
	28345160	Chicken or turkey mushroom soup, cream of, prepared with milk
	28345170	Duck soup
	28350110	Crab soup, NS as to tomato-base or cream style
	28350210	Clam chowder, NS as to Manhattan or New England style
	28350220	Clam chowder, Manhattan
	28351110	Fish and vegetable soup, no potatoes, Mexican style
	28351120	Fish soup with potatoes, Mexican style
	28351160	Codfish, rice, and vegetable soup, Puerto Rican style
	28355110	Clam chowder, New England, NS as to prepared with water or milk
	28355120	Clam chowder, New England, prepared with milk
	28355130	Clam chowder, New England, prepared with water
	28355140	Clam chowder, New England, reduced sodium, canned or ready-to-serve
	28355210	Crab soup, cream of, prepared with milk
	28355250	Lobster bisque
	28355260	Lobster gumbo*
	28355310	Oyster stew
	28355410	Shrimp soup, cream of, NS as to prepared with milk or water
	28355420	Shrimp soup, cream of, prepared with milk
	28355430	Shrimp soup, cream of, prepared with water
	28355440	Shrimp gumbo*
	28355450	Seafood soup with potatoes and vegetables including carrots, broccoli, and/or dark-green leafy
	28355460	Seafood soup with potatoes, and vegetables excluding carrots, broccoli, and dark-green leafy
	28355470	Seafood soup with vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes
	28355480	Seafood soup with vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes
	28500070	Gravy, beef or meat, home recipe*
	28500080	Gravy, poultry, home recipe*
	28522000	Mole poblano sauce*
	28522050	Mole verde sauce*
	32300100	Egg drop soup
	41601010	Bean soup, NFS
	41601020	Bean with bacon or ham soup, canned or ready-to-serve
	41601030	Black bean soup, home recipe, canned or ready-to-serve
	41601040	Lima bean soup, home recipe, canned or ready-to-serve
	41601090	Bean soup, with macaroni, home recipe, canned, or ready-to-serve
	41601110	Bean and ham soup, chunky style, canned or ready-to-serve
	41601130	Bean soup, mixed beans, home recipe, canned or ready-to-serve
	41601200	Liquid from stewed kidney beans, Puerto Rican style
	41602020	Garbanzo bean or chickpea soup, home recipe, canned or ready-to-serve
	41602030	Split pea and ham soup
	41602050	Split pea soup
	41602070	Split pea soup, canned, reduced sodium, prepared with water or ready-to-serve
	41602090	Split pea and ham soup, canned, reduced sodium, prepared with water or ready-to-serve
	41603010	Lentil soup, home recipe, canned, or ready-to-serve

Proposed Food Use	Food code	Food description
	41812500	Tofu and vegetables including carrots, broccoli, and/or dark-green leafy; no potatoes, with soy-based sauce*
	41812510	Tofu and vegetables excluding carrots, broccoli, and dark-green leafy; no potatoes, with soy-based sauce*
	43103100	Sesame sauce*
	58103130	Tamale with chicken*
	58103310	Tamale casserole with meat*
	58127110	Vegetables in pastry*
	58156610	Pigeon pea asopao, Asopao de gandules
	58163130	Dirty rice*
	58163410	Spanish rice, fat added in cooking*
	58163420	Spanish rice, fat not added in cooking*
	58163430	Spanish rice, NS as to fat added in cooking*
	58163450	Spanish rice with ground beef*
	58400000	Soup, NFS
	58400100	Noodle soup, NFS
	58400200	Rice soup, NFS
	58401010	Barley soup, home recipe, canned, or ready-to-serve
	58402010	Beef noodle soup, canned or ready-to-serve
	58402020	Beef dumpling soup, home recipe, canned or ready-to-serve
	58402030	Beef rice soup, home recipe, canned or ready-to-serve
	58403010	Chicken or turkey noodle soup, canned or ready-to-serve
	58403050	Chicken or turkey noodle soup, cream of, home recipe, canned, or ready-to-serve
	58403060	Chicken or turkey noodle soup, reduced sodium, canned or ready-to-serve
	58403100	Noodle and potato soup, Puerto Rican style
	58404010	Chicken or turkey rice soup, canned, or ready-to-serve
	58404040	Chicken or turkey rice soup, reduced sodium, canned, prepared with water or ready-to-serve
	58404100	Rice and potato soup, Puerto Rican style
	58404520	Chicken or turkey soup with dumplings, home recipe, canned or ready-to-serve
	58407010	Instant soup, noodle
	58407030	Soup, mostly noodles
	58407035	Soup, mostly noodles, reduced sodium
	58408010	Wonton soup
	58408500	Noodle soup with vegetables, Asian style
	58409000	Noodle soup, with fish ball, shrimp, and dark green leafy vegetable
	58421000	Sopa seca, Mexican style, NFS
	63415100	Soup, fruit
	71801000	Potato soup, NS as to made with milk or water
	71801010	Potato soup, cream of, prepared with milk
	71801020	Potato soup, prepared with water
	71801100	Potato and cheese soup
	71803010	Potato chowder
	72302000	Broccoli soup, prepared with milk, home recipe, canned or ready-to-serve
	72302020	Broccoli soup, prepared with water, home recipe, canned, or ready-to-serve
	72302100	Broccoli cheese soup, prepared with milk, home recipe, canned, or ready-to-serve
	72307000	Spinach soup
	72308000	Dark-green leafy vegetable soup with meat, Asian style
	72308500	Dark-green leafy vegetable soup, meatless, Asian style

Proposed Food Use	Food code	Food description
	73501000	Carrot soup, cream of, prepared with milk, home recipe, canned or ready-to-serve
	73502000	Squash, winter type, soup, home recipe, canned, or ready-to-serve
	74404090	Vodka sauce with tomatoes and cream*
	74601000	Tomato soup, NFS
	74601010	Tomato soup, cream of, prepared with milk
	74602010	Tomato soup, prepared with water, or ready-to-serve
	74602050	Tomato soup, instant type, prepared with water
	74602200	Tomato soup, canned, reduced sodium, prepared with water, or ready-to-serve
	74603010	Tomato beef soup, prepared with water
	74604010	Tomato beef noodle soup, prepared with water
	74604500	Tomato noodle soup, canned, prepared with water or ready-to-serve
	74604600	Tomato noodle soup, canned, prepared with milk
	74605010	Tomato rice soup, prepared with water
	74606010	Tomato vegetable soup, prepared with water
	74606020	Tomato vegetable soup with noodles, prepared with water
	75440100	Vegetable combination, including carrots, broccoli, and/or dark-green leafy; cooked, with soy-based sauce*
	75440110	Vegetable combination, excluding carrots, broccoli, and dark-green leafy; cooked, with soy-based sauce*
	75601000	Asparagus soup, cream of, NS as to made with milk or water
	75601010	Asparagus soup, cream of, prepared with milk
	75601020	Asparagus soup, cream of, prepared with water
	75601100	Borscht
	75601200	Cabbage soup, home recipe, canned or ready-to-serve
	75601210	Cabbage with meat soup, home recipe, canned or ready-to-serve
	75603010	Celery soup, cream of, prepared with milk, home recipe, canned or ready-to-serve
	75604010	Corn soup, cream of, prepared with milk
	75604020	Corn soup, cream of, prepared with water
	75604600	Gazpacho
	75607000	Mushroom soup, NFS
	75607010	Mushroom soup, cream of, prepared with milk
	75607020	Mushroom soup, cream of, prepared with water
	75607040	Mushroom soup, with meat broth, prepared with water
	75607060	Mushroom soup, cream of, NS as to made with milk or water
	75607090	Mushroom soup, cream of, canned, reduced sodium, NS as to made with milk or water
	75607140	Mushroom soup, cream of, canned, reduced sodium, prepared with water
	75608010	Onion soup, cream of, prepared with milk
	75608100	Onion soup, French*
	75608200	Onion soup, made from dry mix
	75611010	Vegetable soup, cream of, prepared with milk
	75612010	Zucchini soup, cream of, prepared with milk
	75646010	Shav soup
	75647000	Seaweed soup
	75649010	Vegetable soup, canned, prepared with water or ready-to-serve
	75649040	Vegetable soup, reduced sodium, canned, ready to serve
	75649050	Vegetable soup, made from dry mix
	75650990	Minestrone soup, reduced sodium, canned or ready-to-serve
	75651010	Minestrone soup, canned, prepared with water, or ready-to-serve

Proposed Food Use	Food code	Food description
	75651020	Vegetable beef soup, canned, prepared with water, or ready-to-serve
	75651030	Vegetable beef noodle soup, prepared with water
	75651040	Vegetable noodle soup, canned, prepared with water, or ready-to-serve
	75651070	Vegetable rice soup, canned, prepared with water or ready-to-serve
	75651080	Vegetable beef soup with rice, canned, prepared with water or ready-to-serve
	75651110	Vegetable chicken rice soup, canned, prepared with water or ready-to-serve
	75651150	Vegetable noodle soup, reduced sodium, canned, prepared with water or ready-to-serve
	75654010	Vegetarian vegetable soup, prepared with water
	75656020	Vegetable soup, chunky style
	75656040	Vegetable soup, with pasta, chunky style
	75656060	Vegetable beef soup, chunky style
	75657000	Vegetable broth, bouillon
	81301000	Garlic sauce*

 * Only the component corresponding to the proposed food uses of EpiCor® was included in the assessment.
** Consumption amounts of non-reconstituted, dry mix powders of beverages were adjusted to the reconstituted amount consumed.

Appendix B: NHANES Yeast-Containing Food Codes Used to Estimate the Current Daily Yeast Consumption

Food code	Food description
13210110	Pudding, bread
13210180	Pudding, Mexican bread
14640000	Cheese sandwich, NFS
14640002	Cheese sandwich, American cheese, on white bread, no spread
14640004	Cheese sandwich, American cheese, on wheat bread, no spread
14640006	Cheese sandwich, American cheese, on whole wheat bread, no spread
14640008	Cheese sandwich, Cheddar cheese, on white bread, no spread
14640010	Cheese sandwich, Cheddar cheese, on wheat bread, no spread
14640012	Cheese sandwich, Cheddar cheese, on whole wheat bread, no spread
14640014	Cheese sandwich, reduced fat American cheese, on white bread, no spread
14640018	Cheese sandwich, reduced fat American cheese, on whole wheat bread, no spread
14640024	Cheese sandwich, reduced fat Cheddar cheese, on whole wheat bread, no spread
14640026	Cheese sandwich, American cheese, on white bread, with mayonnaise
14640028	Cheese sandwich, American cheese, on wheat bread, with mayonnaise
14640030	Cheese sandwich, American cheese, on whole wheat bread, with mayonnaise
14640032	Cheese sandwich, Cheddar cheese, on white bread, with mayonnaise
14640034	Cheese sandwich, Cheddar cheese, on wheat bread, with mayonnaise
14640036	Cheese sandwich, Cheddar cheese, on whole wheat bread, with mayonnaise
14640046	Cheese sandwich, reduced fat Cheddar cheese, on wheat bread, with mayonnaise
14640048	Cheese sandwich, reduced fat Cheddar cheese, on whole wheat bread, with mayonnaise
14640050	Cheese sandwich, American cheese, on white bread, with butter
14640054	Cheese sandwich, American cheese, on whole wheat bread, with butter
14640056	Cheese sandwich, Cheddar cheese, on white bread, with butter
14640060	Cheese sandwich, Cheddar cheese, on whole wheat bread, with butter
14640062	Cheese sandwich, reduced fat American cheese, on white bread, with butter
14640100	Grilled cheese sandwich, NFS
14640105	Grilled cheese sandwich, American cheese, on white bread
14640110	Grilled cheese sandwich, American cheese, on wheat bread
14640115	Grilled cheese sandwich, American cheese, on whole wheat bread
14640125	Grilled cheese sandwich, Cheddar cheese, on white bread
14640130	Grilled cheese sandwich, Cheddar cheese, on wheat bread
14640135	Grilled cheese sandwich, Cheddar cheese, on whole wheat bread
14640155	Grilled cheese sandwich, reduced fat American cheese, on white bread
14640165	Grilled cheese sandwich, reduced fat American cheese, on whole wheat bread
14640185	Grilled cheese sandwich, reduced fat Cheddar cheese, on white bread
14640190	Grilled cheese sandwich, reduced fat Cheddar cheese, on wheat bread
14640195	Grilled cheese sandwich, reduced fat Cheddar cheese, on whole wheat bread
27214100	Meat loaf made with beef
27214110	Meat loaf made with beef, with tomato-based sauce
27235000	Meat loaf made with venison/deer
27246500	Meat loaf made with chicken or turkey
27246505	Meat loaf made with chicken or turkey, with tomato-based sauce
27250080	Salmon loaf
27250250	Flounder with crab stuffing

Food code	Food description
27250450	Shrimp toast, fried
27260010	Meat loaf, NS as to type of meat
27260080	Meat loaf made with beef and pork
27260090	Meat loaf made with beef, veal and pork
27260100	Meat loaf made with beef and pork, with tomato-based sauce
27351020	Codfish salad, Puerto Rican style (Gazpacho de bacalao)
27500050	Sandwich, NFS
27510110	Beef barbecue sandwich or Sloppy Joe, on bun
27510140	Cheeseburger, 1 miniature patty, plain, on miniature bun, from fast food / restaurant
27510145	Cheeseburger, 1 miniature patty, with condiments, on miniature bun, from fast food / restaurant
27510150	Cheeseburger, 1 miniature patty, on miniature bun, from school
27510160	Cheeseburger, 1 small patty, plain, on bun, from fast food / restaurant
27510165	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant
27510170	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King Cheeseburger)
27510171	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER Jr. with cheese)
27510172	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (McDonald's Cheeseburger)
27510173	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Kid's Cheeseburger)
27510174	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Cheeseburger)
27510175	Cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Cheeseburger Deluxe)
27510190	Cheeseburger on bun, from school
27510195	Cheeseburger, 1 small patty, plain, on white bun
27510205	Cheeseburger, 1 small patty, with condiments, on white bun
27510206	Cheeseburger, 1 small patty, with condiments, on wheat bun
27510207	Cheeseburger, 1 small patty, with condiments, on whole wheat bun
27510210	Cheeseburger, plain, on bun
27510215	Cheeseburger, 1 medium patty, plain, on bun, from fast food / restaurant
27510220	Cheeseburger, with mayonnaise or salad dressing, on bun
27510225	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant
27510230	Cheeseburger, with mayonnaise or salad dressing, and tomato and/or catsup, on bun
27510231	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER with cheese)
27510232	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (McDonald's Quarter Pounder with cheese)
27510233	Cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Wendy's 1/4 lb Single with cheese)
27510235	Cheeseburger submarine sandwich with lettuce, tomato and spread
27510241	Cheeseburger, 1 medium patty, plain, on white bun
27510242	Cheeseburger, 1 medium patty, plain, on wheat bun
27510243	Cheeseburger, 1 medium patty, plain, on whole wheat bun
27510250	Cheeseburger, 1/4 lb meat, with mayonnaise or salad dressing, on bun
27510251	Cheeseburger, 1 medium patty, with condiments, on white bun
27510252	Cheeseburger, 1 medium patty, with condiments, on wheat bun
27510253	Cheeseburger, 1 medium patty, with condiments, on whole wheat bun
27510261	Cheeseburger, 1 large patty, plain, on bun, from fast food / restaurant

Food code	Food description
27510265	Double cheeseburger, (2 patties, 1 oz each), plain, on miniature bun
27510266	Cheeseburger, 1 large patty, with condiments, on bun, from fast food / restaurant
27510276	Bacon cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant
27510280	Double cheeseburger (2 patties), with mayonnaise or salad dressing, on bun
27510281	Bacon cheeseburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Bacon Cheeseburger)
27510300	Double cheeseburger (2 patties), with mayonnaise or salad dressing, on double-decker bun
27510305	Bacon cheeseburger, 1 medium patty, plain, on bun, from fast food / restaurant
27510310	Cheeseburger with tomato and/or catsup, on bun
27510311	Cheeseburger, 1 oz meat, plain, on miniature bun
27510312	Bacon cheeseburger, 1 medium patty, with condiments, on bun, from fast food / restaurant
27510320	Cheeseburger, 1/4 lb meat, with tomato and/or catsup, on bun
27510330	Double cheeseburger (2 patties), with tomato and/or catsup, on bun
27510331	Bacon cheeseburger, 1 medium patty, plain, on white bun
27510340	Double cheeseburger (2 patties), with mayonnaise or salad dressing and tomatoes and/or catsup, on bun
27510341	Bacon cheeseburger, 1 medium patty, with condiments, on white bun
27510342	Bacon cheeseburger, 1 medium patty, with condiments, on wheat bun
27510343	Bacon cheeseburger, 1 medium patty, with condiments, on whole wheat bun
27510346	Bacon cheeseburger, 1 large patty, with condiments, on bun, from fast food / restaurant
27510350	Cheeseburger, 1/4 lb meat, with mayonnaise or salad dressing, and tomato and/or catsup, on bun
27510355	Cheeseburger, 1/3 lb meat, with mayonnaise or salad dressing, tomato and/or catsup on bun
27510359	Cheeseburger, 1/3 lb meat, with mayonnaise or salad dressing, and mushrooms, on bun
27510360	Bacon cheeseburger, with mayonnaise or salad dressing, tomato and/or catsup, on bun
27510370	Double cheeseburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing, on bun
27510375	Double cheeseburger (2 patties, 1/4 lb meat each), with tomato and/or catsup, on bun
27510376	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant
27510380	Triple cheeseburger (3 patties, 1/4 lb meat each), with mayonnaise or salad dressing and tomatoes and/or catsup, on bun
27510385	Double bacon cheeseburger (2 patties), with tomato and/or catsup, on bun
27510386	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (Burger King Double Cheeseburger)
27510387	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (McDonald's Double Cheeseburger)
27510388	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (McDonald's McDouble)
27510389	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (McDonald's Big Mac)
27510391	Double cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (Wendy's Double Stack)
27510400	Bacon cheeseburger, 1/4 lb meat, with tomato and/or catsup, on bun
27510401	Double cheeseburger, 2 medium patties, plain, on bun, from fast food / restaurant
27510406	Double cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant
27510410	Chiliburger, on bun
27510412	Double cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (McDonald's Double Quarter Pounder with Cheese)
27510413	Double cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Wendy's 1/2 lb Double with cheese)
27510425	Double bacon cheeseburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing, on bun

Food code	Food description
27510430	Double bacon cheeseburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing, and tomato and/or catsup, on bun
27510431	Double bacon cheeseburger, 2 small patties, with condiments, on bun, from fast food / restaurant (Burger King Bacon Double Cheeseburger)
27510435	Double bacon cheeseburger (2 patties,1/3 lb meat each), with mayonnaise or salad dressing, on bun
27510440	Bacon cheeseburger, 1/4 lb meat, with mayonnaise or salad dressing, and tomato and/or catsup, on bun
27510445	Bacon cheeseburger, 1/3 lb meat, with tomato and/or catsup, on bun
27510446	Double bacon cheeseburger, 2 medium patties, plain, on bun, from fast food / restaurant
27510451	Double bacon cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant
27510465	Double bacon cheeseburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Wendy's Baconator)
27510475	Double bacon cheeseburger, 2 large patties, with condiments, on bun, from fast food / restaurant
27510480	Cheeseburger (hamburger with cheese sauce), 1/4 lb meat, with grilled onions, on rye bun
27510486	Triple cheeseburger, 3 medium patties, with condiments, on bun, from fast food / restaurant
27510500	Hamburger, plain, on bun
27510501	Hamburger, 1 miniature patty, plain, on miniature bun, from fast food / restaurant
27510506	Hamburger, 1 miniature patty, with condiments, on miniature bun, from fast food / restaurant
27510510	Hamburger, with tomato and/or catsup, on bun
27510511	Hamburger, 1 miniature patty, on miniature bun, from school
27510520	Hamburger, with mayonnaise or salad dressing, and tomato and/or catsup, on bun
27510531	Hamburger, 1 small patty, plain, on bun, from fast food / restaurant
27510536	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant
27510540	Double hamburger (2 patties), with tomato and/or catsup, on bun
27510551	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King Hamburger)
27510552	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER Jr.)
27510553	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (McDonald's Hamburger)
27510555	Hamburger, 1 small patty, with condiments, on bun, from fast food / restaurant (Wendy's Jr. Hamburger)
27510560	Hamburger, 1/4 lb meat, with mayonnaise or salad dressing, and tomato and/or catsup, on bun
27510565	Hamburger, on bun, from school
27510575	Hamburger, 1 small patty, plain, on white bun
27510577	Hamburger, 1 small patty, plain, on whole wheat bun
27510585	Hamburger, 1 small patty, with condiments, on white bun
27510587	Hamburger, 1 small patty, with condiments, on whole wheat bun
27510600	Hamburger, 1 oz meat, plain, on miniature bun
27510601	Hamburger, 1 medium patty, plain, on bun, from fast food / restaurant
27510606	Hamburger, 1 medium patty, with condiments, on bun, from fast food / restaurant
27510615	Hamburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Burger King WHOPPER)
27510616	Hamburger, 1 medium patty, with condiments, on bun, from fast food / restaurant (Wendy's 1/4 lb Single)
27510620	Hamburger, 1/4 lb meat, with tomato and/or catsup, on bun
27510631	Hamburger, 1 medium patty, plain, on white bun
27510632	Hamburger, 1 medium patty, plain, on wheat bun

Food code	Food description
27510633	Hamburger, 1 medium patty, plain, on whole wheat bun
27510641	Hamburger, 1 medium patty, with condiments, on white bun
27510642	Hamburger, 1 medium patty, with condiments, on wheat bun
27510643	Hamburger, 1 medium patty, with condiments, on whole wheat bun
27510667	Double hamburger, 2 small patties, with condiments, on bun, from fast food / restaurant
27510670	Double hamburger (2 patties), with mayonnaise or salad dressing and tomatoes, on bun
27510671	Double hamburger, 2 medium patties, plain, on bun, from fast food / restaurant
27510676	Double hamburger, 2 medium patties, with condiments, on bun, from fast food / restaurant
27510681	Double hamburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Burger King Double WHOPPER)
27510682	Double hamburger, 2 medium patties, with condiments, on bun, from fast food / restaurant (Wendy's 1/2 lb Double)
27510690	Double hamburger (2 patties, 1/4 lb meat each), with mayonnaise or salad dressing and tomatoes and/or catsup, on double-decker bun
27510700	Meatball and spaghetti sauce submarine sandwich
27510705	Chiliburger, with or without cheese, on bun
27510950	Reuben sandwich, corned beef sandwich with sauerkraut and cheese, with spread
27511010	Pastrami sandwich
27513010	Roast beef sandwich
27513040	Roast beef submarine sandwich, with lettuce, tomato and spread
27513041	Roast beef submarine sandwich, with cheese, lettuce, tomato and spread
27513050	Roast beef sandwich with cheese
27513070	Roast beef submarine sandwich, on roll, au jus
27515010	Steak sandwich, plain, on roll
27515020	Steak and cheese submarine sandwich, with lettuce and tomato
27515030	Steak and cheese sandwich, plain, on roll
27515040	Steak and cheese submarine sandwich, plain, on roll
27515050	Fajita-style beef sandwich with cheese, on pita bread, with lettuce and tomato
27515070	Steak and cheese submarine sandwich, with fried peppers and onions, on roll
27516010	Gyro sandwich (pita bread, beef, lamb, onion, condiments), with tomato and spread
27520130	Bacon, chicken, and tomato club sandwich, with lettuce and spread
27520135	Bacon, chicken, and tomato club sandwich, with cheese, lettuce and spread
27520150	Bacon, lettuce, and tomato sandwich with spread
27520155	Bacon, lettuce, and tomato submarine sandwich, with spread
27520156	Bacon, lettuce, tomato, and cheese submarine sandwich, with spread
27520160	Bacon, chicken, and tomato club sandwich, on multigrain roll with lettuce and spread
27520165	Bacon, breaded fried chicken fillet, and tomato club with lettuce and spread
27520166	Bacon, breaded fried chicken fillet, and tomato club sandwich with cheese, lettuce and spread
27520300	Ham sandwich, with spread
27520320	Ham and cheese sandwich, with lettuce and spread
27520330	Ham and egg sandwich
27520350	Ham and cheese sandwich, with spread, grilled
27520370	Hot ham and cheese sandwich, on bun
27520390	Ham and cheese submarine sandwich, with lettuce, tomato and spread
27520500	Pork sandwich, on white roll, with onions, dill pickles and barbecue sauce
27520510	Pork barbecue sandwich or Sloppy Joe, on bun
27540110	Chicken sandwich, with spread
27540111	Chicken sandwich, with cheese and spread
27540120	Chicken salad or chicken spread sandwich
27540130	Chicken barbecue sandwich

Food code	Food description
27540140	Chicken fillet, breaded, fried, sandwich
27540150	Chicken fillet, breaded, fried, sandwich with lettuce, tomato and spread
27540151	Chicken fillet, breaded, fried, sandwich with cheese, lettuce, tomato and spread
27540170	Chicken patty sandwich, miniature, with spread
27540190	Chicken patty sandwich, with lettuce and spread
27540200	Fajita-style chicken sandwich with cheese, on pita bread, with lettuce and tomato
27540235	Chicken fillet, broiled, sandwich with lettuce, tomato, and spread
27540240	Chicken fillet, broiled, sandwich, on whole wheat roll, with lettuce, tomato and spread
27540250	Chicken fillet, broiled, sandwich with cheese, on whole wheat roll, with lettuce, tomato and non-mayonnaise type spread
27540270	Chicken fillet, broiled, sandwich, with lettuce, tomato, and non-mayonnaise type spread
27540280	Chicken fillet, broiled, sandwich with cheese, on bun, with lettuce, tomato and spread
27540285	Chicken, bacon, and tomato club sandwich, with lettuce and spread
27540290	Chicken submarine sandwich, with lettuce, tomato and spread
27540291	Chicken submarine sandwich, with cheese, lettuce, tomato and spread
27540295	Buffalo chicken submarine sandwich
27540296	Buffalo chicken submarine sandwich with cheese
27540350	Turkey submarine sandwich, with cheese, lettuce, tomato and spread
27540361	Turkey and bacon submarine sandwich, with cheese, lettuce, tomato and spread
27541000	Turkey, ham, and roast beef club sandwich, with lettuce, tomato and spread
27541001	Turkey, ham, and roast beef club sandwich with cheese, lettuce, tomato, and spread
27545000	Turkey or chicken burger, plain, on bun, from fast food / restaurant
27545010	Turkey or chicken burger, with condiments, on bun, from fast food / restaurant
27545100	Turkey or chicken burger, plain, on white bun
27545110	Turkey or chicken burger, plain, on wheat bun
27545200	Turkey or chicken burger, with condiments, on white bun
27545210	Turkey or chicken burger, with condiments, on wheat bun
27545220	Turkey or chicken burger, with condiments, on whole wheat bun
27550000	Fish sandwich, on bun, with spread
27550100	Fish sandwich, on bun, with cheese and spread
27550720	Tuna salad sandwich
27550750	Tuna salad submarine sandwich, with lettuce and tomato
27550751	Tuna salad submarine sandwich, with cheese, lettuce and tomato
27560350	Pig in a blanket, frankfurter or hot dog wrapped in dough
27560500	Pepperoni and salami submarine sandwich, with lettuce, tomato and spread
27560670	Sausage and cheese on English muffin
27560710	Sausage sandwich
27560910	Cold cut sumarine sandwich, with cheese, lettuce, tomato and spread
27564000	Frankfurter or hot dog sandwich, NFS, plain, on white bun
27564001	Frankfurter or hot dog sandwich, NFS, plain, on wheat bun
27564002	Frankfurter or hot dog sandwich, NFS, plain, on whole wheat bun
27564010	Frankfurter or hot dog sandwich, NFS, plain, on white bread
27564020	Frankfurter or hot dog sandwich, NFS, plain, on wheat bread
27564030	Frankfurter or hot dog sandwich, NFS, plain, on whole wheat bread
27564060	Frankfurter or hot dog sandwich, beef, plain, on white bun
27564061	Frankfurter or hot dog sandwich, beef, plain, on wheat bun
27564062	Frankfurter or hot dog sandwich, beef, plain, on whole wheat bun
27564063	Frankfurter or hot dog sandwich, beef, plain, on whole grain white bun
27564064	Frankfurter or hot dog sandwich, beef, plain, on multigrain bun
27564070	Frankfurter or hot dog sandwich, beef, plain, on white bread

Food code	Food description
27564080	Frankfurter or hot dog sandwich, beef, plain, on wheat bread
27564090	Frankfurter or hot dog sandwich, beef, plain, on whole wheat bread
27564100	Frankfurter or hot dog sandwich, beef, plain, on whole grain white bread
27564110	Frankfurter or hot dog sandwich, beef, plain, on multigrain bread
27564120	Frankfurter or hot dog sandwich, beef and pork, plain, on white bun
27564121	Frankfurter or hot dog sandwich, beef and pork, plain, on wheat bun
27564130	Frankfurter or hot dog sandwich, beef and pork, plain, on white bread
27564140	Frankfurter or hot dog sandwich, beef and pork, plain, on wheat bread
27564150	Frankfurter or hot dog sandwich, beef and pork, plain, on whole wheat bread
27564160	Frankfurter or hot dog sandwich, beef and pork, plain, on whole grain white bread
27564180	Frankfurter or hot dog sandwich, meat and poultry, plain, on white bun
27564181	Frankfurter or hot dog sandwich, meat and poultry, plain, on wheat bun
27564182	Frankfurter or hot dog sandwich, meat and poultry, plain, on whole wheat bun
27564190	Frankfurter or hot dog sandwich, meat and poultry, plain, on white bread
27564200	Frankfurter or hot dog sandwich, meat and poultry, plain, on wheat bread
27564210	Frankfurter or hot dog sandwich, meat and poultry, plain, on whole wheat bread
27564220	Frankfurter or hot dog sandwich, meat and poultry, plain, on whole grain white bread
27564230	Frankfurter or hot dog sandwich, meat and poultry, plain, on multigrain bread
27564240	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on white bun
27564241	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on wheat bun
27564242	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole wheat bun
27564243	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole grain white bun
27564250	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on white bread
27564260	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on wheat bread
27564270	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole wheat bread
27564280	Frankfurter or hot dog sandwich, chicken and/or turkey, plain, on whole grain white bread
27564300	Frankfurter or hot dog sandwich, reduced fat or light, plain, on white bun
27564301	Frankfurter or hot dog sandwich, reduced fat or light, plain, on wheat bun
27564303	Frankfurter or hot dog sandwich, reduced fat or light, plain, on whole grain white bun
27564310	Frankfurter or hot dog sandwich, reduced fat or light, plain, on white bread
27564330	Frankfurter or hot dog sandwich, reduced fat or light, plain, on whole wheat bread
27564360	Frankfurter or hot dog sandwich, fat free, plain, on white bun
27564361	Frankfurter or hot dog sandwich, fat free, plain, on wheat bun
27564362	Frankfurter or hot dog sandwich, fat free, plain, on whole wheat bun
27564364	Frankfurter or hot dog sandwich, fat free, plain, on multigrain bun
27564370	Frankfurter or hot dog sandwich, fat free, plain, on white bread
27564420	Frankfurter or hot dog sandwich, meatless, plain, on bun
27564430	Frankfurter or hot dog sandwich, meatless, plain, on bread
27564440	Frankfurter or hot dog sandwich, with chili, on white bun
27564441	Frankfurter or hot dog sandwich, with chili, on wheat bun
27564442	Frankfurter or hot dog sandwich, with chili, on whole wheat bun
27564443	Frankfurter or hot dog sandwich, with chili, on whole grain white bun
27564450	Frankfurter or hot dog sandwich, with chili, on white bread
27564460	Frankfurter or hot dog sandwich, with chili, on wheat bread
27564500	Frankfurter or hot dog sandwich, with meatless chili, on white bun
27564510	Frankfurter or hot dog sandwich, with meatless chili, on white bread
27570310	Hors d'oeuvres, with spread
28141050	Chicken patty parmigiana, breaded, with vegetable, diet frozen meal
28145100	Turkey with gravy, dressing, vegetable and fruit, diet frozen meal
28315160	Italian Wedding Soup

Food code	Food description
32105190	Egg casserole with bread, cheese, milk and meat
32201000	Fried egg sandwich
32202000	Egg, cheese, ham, and bacon on bun
32202010	Egg, cheese, and ham on English muffin
32202025	Egg, cheese and ham on bagel
32202030	Egg, cheese, and sausage on English muffin
32202034	Egg, cheese, and sausage on bun
32202035	Egg, extra cheese, and extra sausage, on bun
32202040	Egg, cheese, and beef on English Muffin
32202045	Egg, cheese, and steak on bagel
32202080	Egg, cheese, and bacon on English muffin
32202085	Egg, cheese and bacon on bagel
32202120	Egg, cheese and sausage on bagel
32204010	Scrambled egg sandwich
41901020	Soyburger, meatless, with cheese on bun
42301015	Peanut butter sandwich, with regular peanut butter, on white bread
42301020	Peanut butter sandwich, with regular peanut butter, on wheat bread
42301025	Peanut butter sandwich, with regular peanut butter, on whole wheat bread
42301115	Peanut butter sandwich, with reduced fat peanut butter, on white bread
42301125	Peanut butter sandwich, with reduced fat peanut butter, on whole wheat bread
42302010	Peanut butter and jelly sandwich, NFS
42302015	Peanut butter and jelly sandwich, with regular peanut butter, regular jelly, on white bread
42302020	Peanut butter and jelly sandwich, with regular peanut butter, regular jelly, on wheat bread
42302025	Peanut butter and jelly sandwich, with regular peanut butter, regular jelly, on whole wheat bread
42302055	Peanut butter and jelly sandwich, with reduced fat peanut butter, regular jelly, on white bread
42302060	Peanut butter and jelly sandwich, with reduced fat peanut butter, regular jelly, on wheat bread
42302065	Peanut butter and jelly sandwich, with reduced fat peanut butter, regular jelly, on whole wheat bread
42302105	Peanut butter and jelly sandwich, with regular peanut butter, reduced sugar jelly, on white bread
42302110	Peanut butter and jelly sandwich, with regular peanut butter, reduced sugar jelly, on wheat bread
42302115	Peanut butter and jelly sandwich, with regular peanut butter, reduced sugar jelly, on whole wheat bread
42302155	Peanut butter and jelly sandwich, with reduced fat peanut butter, reduced sugar jelly, on white bread
42302160	Peanut butter and jelly sandwich, with reduced fat peanut butter, reduced sugar jelly, on wheat bread
42302165	Peanut butter and jelly sandwich, with reduced fat peanut butter, reduced sugar jelly, on whole wheat bread
42303100	Peanut butter and jelly sandwich, frozen commercial product without crusts
51000100	Bread, NS as to major flour
51000110	Bread, NS as to major flour, toasted
51000180	Bread, made from home recipe or purchased at a bakery, NS as to major flour
51000190	Bread, made from home recipe or purchased at a bakery, toasted, NS as to major flour
51000200	Roll, NS as to major flour
51000300	Roll, hard, NS as to major flour
51101000	Bread, white
51101010	Bread, white, toasted
51101050	Bread, white, made from home recipe or purchased at a bakery
51101060	Bread, white, made from home recipe or purchased at a bakery, toasted
51102010	Bread, white with whole wheat swirl

Food code	Food description
51102020	Bread, white with whole wheat swirl, toasted
51105010	Bread, Cuban
51105040	Bread, Cuban, toasted
51106010	Bread, native, water, Puerto Rican style
51107010	Bread, French or Vienna
51107040	Bread, French or Vienna, toasted
51108010	Focaccia, Italian flatbread, plain
51108100	Naan, Indian flatbread
51109010	Bread, Italian, Grecian, Armenian
51109040	Bread, Italian, Grecian, Armenian, toasted
51109100	Bread, pita
51109110	Bread, pita, toasted
51109150	Bread, pita with fruit
51111010	Bread, cheese
51111040	Bread, cheese, toasted
51113010	Bread, cinnamon
51113100	Bread, cinnamon, toasted
51115020	Bread, cornmeal and molasses, toasted
51119010	Bread, egg, Challah
51119040	Bread, egg, Challah, toasted
51121010	Bread, garlic
51121015	Garlic bread, NFS
51121025	Garlic bread, from fast food / restaurant
51121035	Garlic bread, from frozen
51121045	Garlic bread, with parmesan cheese, from fast food / restaurant
51121055	Garlic bread, with parmesan cheese, from frozen
51121065	Garlic bread, with melted cheese, from fast food / restaurant
51121075	Garlic bread, with melted cheese, from frozen
51122000	Bread, reduced calorie and/or high fiber, white or NFS
51122100	Bread, reduced calorie and/or high fiber, white or NFS, with fruit and/or nuts
51122110	Bread, reduced calorie and/or high fiber, white or NFS, with fruit and/or nuts, toasted
51123010	Bread, high protein
51127010	Bread, potato
51127020	Bread, potato, toasted
51129010	Bread, raisin
51129020	Bread, raisin, toasted
51133010	Bread, sour dough
51133020	Bread, sour dough, toasted
51134000	Bread, sweet potato
51135000	Bread, vegetable
51135010	Bread, vegetable, toasted
51136000	Bruschetta
51140100	Bread, dough, fried
51150000	Roll, white, soft
51153000	Roll, white, hard
51154010	Roll, white, hot dog bun
51154100	Roll, white, hamburger bun
51154510	Roll, diet
51154550	Roll, egg bread
51154600	Roll, cheese

Food code	Food description
51155000	Roll, French or Vienna
51156500	Roll, garlic
51157000	Roll, white, hoagie, submarine
51158100	Roll, Mexican, bolillo
51159000	Roll, sour dough
51160000	Roll, sweet, no frosting
51160100	Roll, sweet, cinnamon bun, no frosting
51160110	Roll, sweet, cinnamon bun, frosted
51161000	Pan Dulce, with fruit, no frosting
51161020	Roll, sweet, with fruit, frosted
51161050	Roll, sweet, frosted
51161250	Pan Dulce, no topping
51161270	Pan Dulce, with sugar topping
51161280	Pan Dulce, with raisins and icing
51165000	Coffee cake, yeast type
51166000	Croissant
51166100	Croissant, cheese
51166200	Croissant, chocolate
51166500	Croissant, fruit
51167000	Brioche
51180010	Bagel
51180030	Bagel, with raisins
51180080	Bagel, with fruit other than raisins
51182010	Bread stuffing
51182020	Bread stuffing made with egg
51183990	Breadsticks, NFS
51184000	Breadsticks, hard, NFS
51184010	Bread stick, soft
51184020	Bread stick, NS as to hard or soft
51184030	Bread stick, soft, prepared with garlic and parmesan cheese
51184200	Breadsticks, soft, NFS
51184210	Breadsticks, soft, from fast food / restaurant
51184220	Breadsticks, soft, from frozen
51184230	Breadsticks, soft, with parmesan cheese, from fast food / restaurant
51184240	Breadsticks, soft, with parmesan cheese, from frozen
51184250	Breadsticks, soft, topped with melted cheese
51184260	Breadsticks, soft, stuffed with melted cheese
51185000	Croutons
51186010	Muffin, English
51186100	Muffin, English, with raisins
51186160	Muffin, English, with fruit other than raisins
51187000	Melba toast
51187020	Anisette toast
51188100	Pannetone
51188500	Zwieback toast
51300050	Bread, whole grain white
51300060	Bread, whole grain white, toasted
51300100	Bagel, whole grain white
51300110	Bread, whole wheat
51300120	Bread, whole wheat, toasted

Food code	Food description
51300140	Bread, whole wheat, made from home recipe or purchased at bakery
51300150	Bread, whole wheat, made from home recipe or purchased at bakery, toasted
51300175	Bread, chappatti or roti, wheat
51300180	Bread, puri, wheat
51300185	Bread, paratha, wheat
51300210	Bread, whole wheat, with raisins
51300220	Bread, whole wheat, with raisins, toasted
51300300	Bread, sprouted wheat
51300310	Bread, sprouted wheat, toasted
51301010	Bread, wheat or cracked wheat
51301020	Bread, wheat or cracked wheat, toasted
51301040	Bread, wheat or cracked wheat, made from home recipe or purchased at bakery
51301050	Bread, wheat or cracked wheat, made from home recipe or purchased at bakery, toasted
51301120	Bread, wheat or cracked wheat, with raisins
51301510	Bread, wheat or cracked wheat, reduced calorie and/or high fiber
51301520	Bread, wheat or cracked wheat, reduced calorie and/or high fiber, toasted
51301540	Bread, French or Vienna, whole wheat
51301550	Bread, French or Vienna, whole wheat, toasted
51301600	Bread, pita, whole wheat
51301610	Bread, pita, whole wheat, toasted
51301620	Bread, pita, wheat or cracked wheat
51301700	Bagel, wheat
51301750	Bagel, whole wheat
51301800	Bagel, wheat, with raisins
51301805	Bagel, whole wheat, with raisins
51301820	Bagel, wheat, with fruit and nuts
51302500	Muffin, English, wheat bran
51303010	Muffin, English, wheat or cracked wheat
51303030	Muffin, English, whole wheat
51303050	Muffin, English, wheat or cracked wheat, with raisins
51303070	Muffin, English, whole wheat, with raisins
51303100	Muffin, English, whole grain white
51320010	Roll, wheat or cracked wheat
51320060	Roll, wheat or cracked wheat, hot dog bun
51320070	Roll, wheat or cracked wheat, hamburger bun
51320500	Roll, whole wheat
51320550	Roll, whole wheat, hot dog bun
51320560	Roll, whole wheat, hamburger bun
51320700	Roll, whole grain white
51320710	Roll, whole grain white, hot dog bun
51320720	Roll, whole grain white, hamburger bun
51401010	Bread, rye
51401020	Bread, rye, toasted
51401030	Bread, marble rye and pumpernickel
51401040	Bread, marble rye and pumpernickel, toasted
51404010	Bread, pumpernickel
51404020	Bread, pumpernickel, toasted
51404500	Bagel, pumpernickel
51407010	Bread, black
51420000	Roll, rye

Food code	Food description
51421000	Roll, pumpernickel
51501010	Bread, oatmeal
51501020	Bread, oatmeal, toasted
51501040	Bread, oat bran
51501050	Bread, oat bran, toasted
51501080	Bagel, oat bran
51502010	Roll, oatmeal
51601010	Bread, multigrain, toasted
51601020	Bread, multigrain
51601210	Bread, multigrain, with raisins
51602020	Bread, multigrain, reduced calorie and/or high fiber, toasted
51620000	Roll, multigrain
51620020	Roll, multigrain, hot dog bun
51620030	Roll, multigrain, hamburger bun
51630000	Bagel, multigrain
51630100	Bagel, multigrain, with raisins
51630200	Muffin, English, multigrain
51805010	Bread, sunflower meal
51806010	Bread, rice
51806020	Bread, rice, toasted
51807000	Injera, Ethiopian bread
51808000	Bread, gluten free
51808010	Bread, gluten free, toasted
51808100	Roll, gluten free
52101040	Crumpet
52401000	Bread, Boston Brown
53116650	Cake, Quezadilla, El Salvadorian style
53415100	Crisp, apple, apple dessert
53415120	Fritter, apple
53415200	Fritter, banana
53415220	Fritter, berry
53415400	Crisp, cherry
53415500	Crisp, peach
53420100	Cream puff, eclair, custard or cream filled, not iced
53420200	Cream puff, eclair, custard or cream filled, iced
53420300	Air filled fritter or fried puff, without syrup, Puerto Rican style
53420310	Wheat flour fritter, without syrup
53420400	Sopaipilla, without syrup or honey
53420410	Sopaipilla with syrup or honey
53430700	Tamale, sweet
53430750	Tamale, sweet, with fruit
53452100	Pastry, fruit-filled
53452120	Pastry, made with bean or lotus seed paste filling, baked
53452130	Pastry, made with bean paste and salted egg yolk filling, baked
53452150	Pastry, Chinese, made with rice flour
53452170	Pastry, cookie type, fried
53452200	Pastry, Italian, with cheese
53452400	Pastry, puff
53452420	Pastry, puff, custard or cream filled, iced or not iced
53452450	Cheese pastry puffs

Food code	Food description
53452500	Pastry, mainly flour and water, fried
53510000	Danish pastry, plain or spice
53510100	Danish pastry, with fruit
53511000	Danish pastry, with cheese
53520000	Doughnut, NS as to cake or yeast
53520110	Doughnut, cake type
53520120	Doughnut, chocolate, cake type
53520140	Doughnut, cake type, chocolate covered
53520150	Doughnut, cake type, chocolate covered, dipped in peanuts
53520160	Doughnut, chocolate, cake type, with chocolate icing
53520200	Churros
53520600	Cruller, NFS
53520700	French cruller
53521100	Doughnut, chocolate, raised or yeast, with chocolate icing
53521110	Doughnut, raised or yeast
53521120	Doughnut, chocolate, raised or yeast
53521130	Doughnut, raised or yeast, chocolate covered
53521140	Doughnut, jelly
53521210	Doughnut, custard-filled
53521230	Doughnut, custard-filled, with icing
53530000	Breakfast tart
53530010	Breakfast tart, lowfat
54001000	Crackers, NFS
54103000	Crackers, breakfast biscuit
54200100	Crackers, butter, reduced sodium
54202010	Crackers, saltine, low sodium
54202020	Crackers, saltine, reduced sodium
54203010	Crackers, toast thins (rye, wheat, white flour), low sodium
54204010	Cracker, 100% whole wheat, low sodium
54204020	Crackers, wheat, reduced sodium
54204030	Crackers, woven wheat, reduced sodium
54205010	Cracker, snack, low sodium
54205100	Cracker, snack, reduced fat, reduced sodium
54301000	Cracker, snack
54301010	Crackers, butter, plain
54301020	Crackers, butter, flavored
54301030	Crackers, butter (Ritz)
54301100	Crackers, butter, reduced fat
54304000	Crackers, cheese
54304005	Crackers, cheese (Cheez-It)
54304020	Crackers, cheese (Goldfish)
54304100	Crackers, cheese, reduced fat
54304150	Crackers, cheese, whole grain
54304500	Cracker, high fiber, no added fat
54305000	Crispbread, wheat, no added fat
54305010	Crackers, crispbread
54305020	Crackers, flatbread
54307000	Crackers, matzo
54308000	Crackers, milk
54313000	Crackers, oyster

Food code	Food description
54318500	Rice cake
54319000	Crackers, rice
54319005	Crackers, rice and nuts
54319010	Puffed rice cake
54319020	Popcorn cake
54319500	Rice paper
54322000	Crispbread, rye, no added fat
54325000	Crackers, saltine
54325010	Crackers, saltine, reduced fat
54325050	Crackers, saltine, whole wheat
54325060	Crackers, saltine, multigrain
54326000	Crackers, multigrain
54327950	Crackers, cylindrical, peanut-butter filled
54328000	Crackers, sandwich
54328100	Crackers, sandwich, peanut butter filled
54328105	Crackers, sandwich, peanut butter filled (Ritz)
54328110	Crackers, sandwich, reduced fat, peanut butter filled
54328120	Crackers, whole grain, sandwich, peanut butter filled
54328200	Crackers, sandwich, cheese filled
54328210	Crackers, sandwich, cheese filled (Ritz)
54334000	Crackers, toast thins (rye, pumpernickel, white flour)
54336000	Crackers, water
54336100	Crackers, wonton
54337000	Cracker, 100% whole wheat
54337010	Crackers, woven wheat
54337020	Crackers, woven wheat, plain (Triscuit)
54337030	Crackers, woven wheat, flavored (Triscuit)
54337050	Cracker, 100% whole wheat, reduced fat
54337060	Crackers, woven wheat, reduced fat
54338000	Crackers, wheat
54338010	Crackers, wheat, plain (Wheat Thins)
54338020	Crackers, wheat, flavored (Wheat Thins)
54338100	Crackers, wheat, reduced fat
54339000	Crackers, corn
54340100	Crackers, gluten free, plain
54340110	Crackers, gluten free, flavored
54402200	Snack mix
54402700	Pita chips
54408000	Pretzels, NFS
54408010	Pretzels, hard
54408015	Pretzels, hard, NFS
54408016	Pretzels, hard, plain, salted
54408017	Pretzels, hard, plain, lightly salted
54408020	Pretzels, soft
54408030	Pretzels, hard, plain, unsalted
54408035	Pretzels, hard, flavored
54408040	Pretzels, soft, unsalted
54408070	Pretzels, hard, multigrain
54408080	Pretzel, gluten free
54408081	Pretzels, hard, plain, gluten free

Food code	Food description
54408082	Pretzels, hard, flavored, gluten free
54408105	Pretzel chips, hard, plain
54408110	Pretzel chips, hard, flavored
54408190	Pretzels, hard, coated, NFS
54408200	Pretzels, hard, chocolate coated
54408210	Pretzels, hard, white chocolate coated
54408250	Pretzels, hard, yogurt coated
54408290	Pretzels, hard, filled, NFS
54408300	Pretzels, hard, cheese filled
54408310	Pretzels, hard, peanut butter filled
54408405	Pretzels, soft, ready-to-eat, NFS
54408410	Pretzels, soft, ready-to-eat, salted, buttered
54408415	Pretzels, soft, ready-to-eat, salted, no butter
54408416	Pretzels, soft, ready-to-eat, unsalted, no butter
54408420	Pretzels, soft, ready-to-eat, cinnamon sugar coated
54408422	Pretzels, soft, ready-to-eat, coated or flavored
54408432	Pretzels, soft, ready-to-eat, topped with cheese
54408456	Pretzels, soft, from frozen, unsalted
54408470	Pretzels, soft, filled with cheese
54408475	Pretzels, soft, from school lunch
54408485	Pretzels, soft, gluten free
54408487	Pretzels, soft, gluten free, coated or flavored
54420010	Multigrain mixture, pretzels, cereal and/or crackers, nuts
54420200	Multigrain mixture, bread sticks, sesame nuggets, pretzels, rye chips
54420220	Snack mix, plain (Chex Mix)
54440010	Bagel chips
55300010	French toast, NFS
55300020	French toast, plain, from frozen
55300050	French toast, plain, from fast food / restaurant
55300060	French toast, from school, NFS
55301000	French toast, plain
55301015	French toast, whole grain
55301020	French toast, whole grain, reduced fat
55301025	French toast, gluten free
55301031	French toast sticks, plain, from frozen
55301048	French toast sticks, from school, NFS
55301055	French toast sticks, whole grain
55310100	Fried bread, Puerto Rican style
55801000	Funnel cake with sugar
55801010	Funnel cake with sugar and fruit
56116000	Noodles, chow mein
58106200	Pizza, cheese, from frozen, thin crust
58106205	Pizza, cheese, from frozen, thick crust
58106210	Pizza, cheese, from restaurant or fast food, NS as to type of crust
58106220	Pizza, cheese, from restaurant or fast food, thin crust
58106225	Pizza, cheese, from restaurant or fast food, medium crust
58106230	Pizza, cheese, from restaurant or fast food, thick crust
58106233	Pizza, cheese, stuffed crust
58106234	Pizza, cheese, from school lunch, medium crust
58106235	Pizza, cheese, from school lunch, thin crust

Food code	Food description
58106236	Pizza, cheese, from school lunch, thick crust
58106250	Pizza, extra cheese, thin crust
58106255	Pizza, extra cheese, regular crust
58106260	Pizza, extra cheese, thick crust
58106300	Pizza, cheese, with vegetables, from frozen, thin crust
58106305	Pizza, cheese with vegetables, from frozen, thick crust
58106310	Pizza, cheese, with vegetables, NS as to type of crust
58106320	Pizza, cheese, with vegetables, from restaurant or fast food, thin crust
58106325	Pizza, cheese, with vegetables, from restaurant or fast food, medium crust
58106330	Pizza, cheese, with vegetables, from restaurant or fast food, thick crust
58106345	Pizza with cheese and extra vegetables, thin crust
58106347	Pizza with cheese and extra vegetables, medium crust
58106350	Pizza with cheese and extra vegetables, thick crust
58106358	Pizza, cheese, with fruit, thin crust
58106359	Pizza, cheese, with fruit, medium crust
58106360	Pizza, cheese, with fruit, thick crust
58106500	Pizza with meat, prepared from frozen, thin crust
58106505	Pizza with meat, prepared from frozen, thick crust
58106512	Pizza with pepperoni, from frozen, thin crust
58106514	Pizza with pepperoni, from frozen, medium crust
58106516	Pizza with pepperoni, from frozen, thick crust
58106540	Pizza with pepperoni, from restaurant or fast food, NS as to type of crust
58106550	Pizza with pepperoni, from restaurant or fast food, thin crust
58106555	Pizza with pepperoni, from restaurant or fast food, medium crust
58106560	Pizza with pepperoni, from restaurant or fast food, thick crust
58106565	Pizza with pepperoni, stuffed crust
58106570	Pizza with pepperoni, from school lunch, thin crust
58106578	Pizza, with pepperoni, from school lunch, medium crust
58106580	Pizza with pepperoni, from school lunch, thick crust
58106602	Pizza with meat other than pepperoni, from frozen, thin crust
58106604	Pizza with meat other than pepperoni, from frozen, medium crust
58106606	Pizza with meat other than pepperoni, from frozen, thick crust
58106610	Pizza with meat other than pepperoni, from restaurant or fast food, NS as to type of crust
58106620	Pizza with meat other than pepperoni, from restaurant or fast food, thin crust
58106625	Pizza with meat other than pepperoni, from restaurant or fast food, medium crust
58106630	Pizza with meat other than pepperoni, from restaurant or fast food, thick crust
58106633	Pizza, with meat other than pepperoni, stuffed crust
58106634	Pizza, with meat other than pepperoni, from school lunch, medium crust
58106635	Pizza, with meat other than pepperoni, from school lunch, thin crust
58106636	Pizza, with meat other than pepperoni, from school lunch, thick crust
58106640	Pizza with extra meat, NS as to type of crust
58106650	Pizza with extra meat, thin crust
58106655	Pizza with extra meat, medium crust
58106660	Pizza with extra meat, thick crust
58106700	Pizza with meat and vegetables, from frozen, thin crust
58106702	Pizza with meat and vegetables, from frozen, medium crust
58106705	Pizza with meat and vegetables, from frozen, thick crust
58106720	Pizza with meat and vegetables, from restaurant or fast food, thin crust
58106725	Pizza with meat and vegetables, from restaurant or fast food, medium crust
58106730	Pizza with meat and vegetables, from restaurant or fast food, thick crust

Food code	Food description
58106736	Pizza with extra meat and extra vegetables, thin crust
58106737	Pizza with extra meat and extra vegetables, thick crust
58106738	Pizza with extra meat and extra vegetables, medium crust
58106750	Pizza with meat and fruit, thin crust
58106755	Pizza with meat and fruit, medium crust
58106760	Pizza with meat and fruit, thick crust
58106820	Pizza with beans and vegetables, thin crust
58107050	Pizza, no cheese, thin crust
58107205	White pizza, cheese, thin crust
58107212	White pizza, cheese, with vegetables, thin crust
58107220	White pizza, thin crust
58107222	White pizza, cheese, with meat, thin crust
58107230	White pizza, thick crust
58107232	White pizza, cheese, with meat and vegetables, thin crust
58108000	Calzone, with cheese, meatless
58108010	Calzone, with meat and cheese
58108050	Pizza rolls
58109015	Pizza, cheese, whole wheat thin crust
58109020	Pizza, cheese, whole wheat thick crust
58109030	Pizza, with meat, whole wheat thin crust
58109050	Pizza, cheese and vegetables, whole wheat thin crust
58109100	Pizza, cheese, gluten-free thin crust
58109120	Pizza, with meat, gluten-free thin crust
58109130	Pizza, with meat, gluten-free thick crust
58109140	Pizza, cheese and vegetables, gluten-free thin crust
58109210	Breakfast pizza with egg
58122310	Knish, potato
58122320	Knish, cheese
58122330	Knish, meat
58123120	Sweet bread dough, filled with bean paste, meatless, steamed
58124210	Pastry, cheese-filled
58124220	Pastry, egg and cheese filled
58124230	Pastry, meat / poultry-filled
58124500	Pastry, filled with potatoes and peas, fried
58126000	Turnover filled with ground beef and cabbage
58126110	Turnover, meat-filled, no gravy
58126130	Turnover, meat- and cheese-filled, no gravy
58126140	Turnover, meat- and bean-filled, no gravy
58126150	Turnover, meat- and cheese-filled, tomato-based sauce
58126160	Turnover, cheese-filled, tomato-based sauce
58126170	Turnover filled with meat and vegetable, no potatoes, no gravy
58126180	Turnover, meat-, potato-, and vegetable-filled, no gravy
58126270	Turnover, chicken- or turkey-, and cheese-filled, no gravy
58126280	Turnover, chicken- or turkey-, and vegetable-filled, lower in fat
58126290	Turnover, meat- and cheese-filled, lower in fat
58126300	Turnover, meat- and cheese-filled, tomato-based sauce, lower in fat
58126400	Turnover, filled with egg, meat and cheese
58126410	Turnover, filled with egg, meat, and cheese, lower in fat
58127110	Vegetables in pastry
58127210	Croissant sandwich, filled with ham and cheese

Food code	Food description
58127270	Croissant sandwich with sausage and egg
58127290	Croissant sandwich with bacon and egg
58127310	Croissant sandwich with ham, egg, and cheese
58127330	Croissant sandwich with sausage, egg, and cheese
58127350	Croissant sandwich with bacon, egg, and cheese
58127500	Vegetable submarine sandwich, with fat free spread
58128210	Dressing with oysters
58128220	Dressing with chicken or turkey and vegetables
58128250	Dressing with meat and vegetables
58131100	Ravioli, NS as to filling, no sauce
58131110	Ravioli, NS as to filling, with tomato sauce
58131120	Ravioli, NS as to filling, with cream sauce
58131310	Ravioli, meat-filled, no sauce
58131320	Ravioli, meat-filled, with tomato sauce or meat sauce
58131330	Ravioli, meat-filled, with cream sauce
58162090	Stuffed pepper, with meat
58201005	Jelly sandwich, regular jelly, on white bread
58201015	Jelly sandwich, regular jelly, on wheat bread
58201025	Jelly sandwich, regular jelly, on whole wheat bread
58201045	Jelly sandwich, reduced sugar jelly, on wheat bread
75608100	Onion soup, French

Note: Only the yeast component was included in the assessment.

From:	Don Schmitt
To:	Hall, Karen
Subject:	Re: Regarding GRN 000928
Date:	Monday, January 25, 2021 4:24:50 PM
Attachments:	image001.png
	image002.png

Hi Karen,

Responses to the two questions are as follows:

- Please indicate if dried yeast fermentate is intended to be used in infant formula.
  Response: The dried yeast fermentate is NOT intended to be used in infant formula.

- One of the intended uses of dried yeast fermentate is indicated to be in 100% fruit juices. We note that some 100% fruit juices contain standards of identity that would preclude this use. Please clarify that dried yeast fermentate will not be used in products where a standard of identity precludes its use.
- **Response:** The dried yeast fermentate would not be used in products where a standard of identity would preclude it use.

Please let us know if you have any further questions.

Best regards,

Don

Donald F. Schmitt, M.P.H.
Senior Managing Scientist

ToxStrategies, Inc.
739 Thornapple Drive
Naperville, IL 60540
phone: 630.352.0303
email: dschmitt@toxstrategies.com

From: "Donald Schmitt, MPH" <dschmitt@toxstrategies.com>

Date: Monday, January 25, 2021 at 3:12 PM

To: "Hall, Karen" <Karen.Hall@fda.hhs.gov>

Subject: Re: Regarding GRN 000928

Hi Karen,

We will respond shortly.

Don

Donald F. Schmitt, M.P.H.
Senior Managing Scientist

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From: "Hall, Karen" <Karen.Hall@fda.hhs.gov>

Date: Monday, January 25, 2021 at 3:03 PM

To: "Donald Schmitt, MPH" <dschmitt@toxstrategies.com>

Subject: Regarding GRN 000928

> CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon Mr. Schmitt,

After reviewing Cargill's GRAS Notice 000928 for the intended use of dried fermentate from the yeast *Saccharomyces cerevisiae*, we noted some additional concerns that need to be addressed. Responses may be sent in an email or in a separate document. Please do not send a revised copy of the notice. We respectively request a response within 10 business days. If you are unable to complete the response within that time frame or have questions, please contact me to discuss further options at 240-402-9195 or via email.

- Please indicate if dried yeast fermentate is intended to be used in infant formula.
- One of the intended uses of dried yeast fermentate is indicated to be in 100% fruit juices. We note that some 100% fruit juices contain standards of identity that would preclude this use. Please clarify that dried yeast fermentate will not be used in products where a standard of identity precludes its use.

Kind Regards,
Karen

Karen Hall
Regulatory Review Scientist
Division of Food Ingredients
Office of Food Additive Safety
Center for Food Safety and Applied Nutrition
U.S. Food and Drug Administration
Karen.Hall@fda.hhs.gov