Risk-Ranking Model for Food Tracing: Results for Commodities and Commodity-Hazard Pairs
September 2022

The results from the Risk-Ranking Model for Food Tracing (RRM-FT) are provided for commodities (Table 2A) and commodity-hazard pairs (Table 2B). Table 2A provides risk scores for all commodities that are evaluated in the Model, including commodities that appear on the Food Traceability List (FTL) and commodities that are not on the FTL (unless they include an ingredient on the FTL). Table 2B provides results for all commodity-hazard pairs evaluated in the Model, including the criterion score for Criterion 1 through Criterion 7 (C1 through C7) and the risk score for each commodity-hazard pair. The commodity-hazard pairs (Table 2B) are associated with the commodities (Table 2A) evaluated in the Model.

For detailed information on how FDA evaluates data and determines the criterion score and the risk score for a commodity-hazard pair as well as the commodity risk score, see the reference "Methodological Approach to Developing a Risk-Ranking Model for Food Tracing FSMA Section 204 (21 U.S. Code § 2223). September 2022." For information on the designation of the Food Traceability List, see the "Designation of the Food Traceability List Using the Risk-Ranking Model for Food Tracing" memo (https://www.fda.gov/media/142282/download). For information on evaluating commodities that do not appear on the FTL in order to determine if any of their ingredients causes them to be on the FTL, see the Food Traceability Rule §1.1310 definition for "Food Traceability List," the discussion in comment/response 27 of the final rule (87 FR 70910, 70925-26), and the FDA website on the Food Traceability List (https://www.fda.gov/food/food-safety-modernization-act-fsma/food-traceability-list).

Table 2A. Commodities evaluated in the RRM-FT and commodity risk scores, where commodities noted with an asterisk "*" are on the current Food Traceability List.

Commodity Category [a]	Commodity [a][*]	Commodity Risk Score
Acidified/LACF - Baby (Infant and Junior) Food Products	Baby food	150
Acidified/LACF - N.E.C.	Canned broth, chicken or beef	110
Acidified/LACF - N.E.C.	Canned fruits and vegetables	280
Acidified/LACF - N.E.C.	Canned seafood	250
Acidified/LACF - N.E.C.	Cheese sauce (shelf-stable)	150
Acidified/LACF - N.E.C.	Diet and nutritional drinks (shelf-stable)	70
Acidified/LACF - N.E.C.	Milk (shelf-stable, not condensed)	110
Acidified/LACF - N.E.C.	Soups (canned)	200
Bakery - N.E.C.	Croutons	200
Bakery - N.E.C.	Tortilla	140
Bakery - N.E.C.	Waffles and toasts	130
Bakery Products, Dough, and Bakery Mixes	Bakery mixes	160
Bakery Products, Dough, and Bakery Mixes	Batters and breading	163
Bakery Products, Dough, and Bakery Mixes	Biscuits	80
Bakery Products, Dough, and Bakery Mixes	Bread and rolls (fresh and frozen)	220
Bakery Products, Dough, and Bakery Mixes	Cakes	230
Bakery Products, Dough, and Bakery Mixes	Cookies	203
Bakery Products, Dough, and Bakery Mixes	Desserts fillings and toppings	220
Bakery Products, Dough, and Bakery Mixes	Dough	143
Bakery Products, Dough, and Bakery Mixes	Pancakes	90
Bakery Products, Dough, and Bakery Mixes	Pastries	310

Commodity Category [a]	Commodity [a][*]	Commodity Risk Score
Bakery Products, Dough, and Bakery Mixes	Pies	170
Beverages - Alcoholic Beverages	Alcoholic beverages	200
Beverages - Beverage Bases	Beverage mixes	160
Beverages - Beverage Bases	Flavored drink syrups	40
Beverages - Coffee and Teas	Coffee	200
Beverages - Coffee and Teas	Tea	220
Beverages - Juices	Fruit and vegetable juices (high-acid)	263
Beverages - Juices	Fruit and vegetable juices (low-acid)	270
Beverages - Juices	Smoothies	210
Beverages - N.E.C.	Hot chocolate	160
Beverages - N.E.C.	Ice	223
Beverages - N.E.C.	Non-dairy beverages	40
Beverages - N.E.C.	Non-dairy milk	235
Beverages - Soft Drinks and Waters	Bottled water	210
Beverages - Soft Drinks and Waters	Soft drinks	130
Breakfast Cereals	Boxed cereals	260
Breakfast Cereals	Granola	140
Breakfast Cereals	Instant cereals	140
Chocolate and Cocoa Products	Chocolate products other than candy	130
Commodity Category N.E.C.	Imitation bacon	110
Commodity Category N.E.C.	Imitation cheese, non-milk	130
Confections/Candy with Chocolate	Chocolate candies and bars	220
Confections/Candy with Chocolate	Chocolate fudge	110

Commodity Category [a]	Commodity [a][*]	Commodity Risk Score
Confections/Candy Without Chocolate, Candy Specialties, and Chewing Gum	Confections or coatings	220
Confections/Candy Without Chocolate, Candy Specialties, and Chewing Gum	Frosting or icing	130
Dairy - Cheese and Cheese Products	* Cheese (made from pasteurized milk), fresh soft or soft unripened	430
Dairy - Cheese and Cheese Products	Cheese (made from pasteurized milk), hard	225
Dairy - Cheese and Cheese Products	* Cheese (made from pasteurized milk), soft ripened or semi- soft	490
Dairy - Cheese and Cheese Products	Cheese (made from unpasteurized milk), hard	170
Dairy - Cheese and Cheese Products	* Cheese (made from unpasteurized milk), other than hard cheese	410
Dairy - Cheese and Cheese Products	Whey powder	190
Dairy - Dried Milk Products	Dried milk	220
Dairy - Fermented dairy products other than cheese	Cultured products (excluding yogurt)	170
Dairy - Fermented dairy products other than cheese	Yogurt	230
Dairy - Ice Cream and Related	Ice cream	280
Dairy - Milk, Butter, Cream	Butter	190
Dairy - Milk, Butter, Cream	Buttermilk	140
Dairy - Milk, Butter, Cream	Condensed milk	143
Dairy - Milk, Butter, Cream	Cream (heavy or light or whipping)	230
Dairy - Milk, Butter, Cream	Milk (flavored)	230
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	270
Dairy - N.E.C.	Dips and spreads (dairy-based)	250

Commodity Category [a]	Commodity [a] *	Commodity Risk Score
Dairy - N.E.C.	Eggnog	160
Dressings/Sauces/Gravies	Condiments	203
Dressings/Sauces/Gravies	Dips (non dairy-based)	150
Dressings/Sauces/Gravies	Dry powder dips	140
Dressings/Sauces/Gravies	Gravies (liquid)	200
Dressings/Sauces/Gravies	Guacamole	155
Dressings/Sauces/Gravies	Marinades	120
Dressings/Sauces/Gravies	Salad dressings	215
Dressings/Sauces/Gravies	Salsa (fresh)	250
Dressings/Sauces/Gravies	Sauces	250
Eggs	Egg dishes	233
Eggs	* Shell eggs	450
Eggs	Shell eggs (hard boiled)	190
Frozen Foods	Coconut products (frozen)	210
Frozen Foods	Frozen meals	165
Frozen Foods	Fruits (frozen)	200
Frozen Foods	Pizza (frozen)	220
Frozen Foods	Vegetables (frozen)	280
Fruit and Fruit Products	Apple butter	60
Fruit and Fruit Products	Apple juice concentrate	30
Fruit and Fruit Products	Apple sauce	90
Fruit and Fruit Products	Fruits (dried)	151
Fruit and Fruit Products	Jams and jellies	230

Commodity Category [a]	Commodity [a] [*]	Commodity Risk Score
Game Meats	Bear	190
Game Meats	Bison	240
Game Meats	Boar	130
Game Meats	Guinea pig	180
Game Meats	Opossum	220
Game Meats	Quail	180
Game Meats	Rabbit	160
Game Meats	Seal	160
Game Meats	Venison	220
Game Meats	Whale	140
Meal Replacement/Nutritional Food and Beverages	Dietary supplements	220
Meal Replacement/Nutritional Food and Beverages	Dry instant breakfast	140
Meal Replacement/Nutritional Food and Beverages	Energy shakes and drinks	213
Meal Replacement/Nutritional Food and Beverages	Infant formula	160
Meal Replacement/Nutritional Food and Beverages	Meal shake and meal replacement products (raw)	180
Meal Replacement/Nutritional Food and Beverages	Medical foods	140
Meal Replacement/Nutritional Food and Beverages	Powdered drinks	220
Nuts and Nut Products	* Nut butters	420
Nuts and Nut Products	Nut meal and powder	110
Nuts and Nut Products	Peanuts	160
Nuts and Nut Products	Whole shelled tree nuts	240
Oil/Margarine	Fats and oils	170
Pasta - Dried Pasta	Pasta (dried)	183

Commodity Category [a]	Commodity [a] [*]	Commodity Risk Score
Pasta - N.E.C.	Macaroni	140
Pasta - N.E.C.	Noodles	230
Pasta - N.E.C.	Pasta (filled)	210
Pasta - N.E.C.	Pasta (fresh or refrigerated)	250
Pasta - N.E.C.	Pasta (frozen)	140
Prepared Food - Refrigerated and Ready-to-Eat Salads	* RTE Deli salads	330
Prepared Foods - N.E.C.	Appetizers and prepared dishes	230
Prepared Foods - N.E.C.	Egg rolls	110
Prepared Foods - N.E.C.	Falafel	220
Prepared Foods - N.E.C.	Finfish (battered or breaded)	190
Prepared Foods - N.E.C.	Finfish (cooked)	230
Prepared Foods - N.E.C.	Macaroni and cheese	210
Prepared Foods - N.E.C.	Pasta dishes	150
Prepared Foods - N.E.C.	Potatoes (cooked)	250
Prepared Foods - N.E.C.	Rice dishes	230
Prepared Foods - N.E.C.	RTE dinners	210
Prepared Foods - N.E.C.	Salad kits	270
Prepared Foods - N.E.C.	Sandwiches	270
Prepared Foods - N.E.C.	Snacks and snack kits	203
Prepared Foods - N.E.C.	Stuffings	170
Produce - Fresh Cut	Avocado, processed	170
Produce - Fresh Cut	* Fruits (fresh-cut)	370
Produce - Fresh Cut	* Leafy greens (fresh-cut)	390

Commodity Category [a]	Commodity [a] [*]	Commodity Risk Score
Produce - Fresh Cut	Salads (fresh-cut)	165
Produce - Fresh Cut	* Vegetables other than leafy greens (fresh-cut)	430
Produce - RAC	Berries (fresh)	253
Produce - RAC	Citrus	213
Produce - RAC	Corn	230
Produce - RAC	Crucifers	270
Produce - RAC	* Cucumbers	430
Produce - RAC	Fresh pods and legumes	200
Produce - RAC	Fungi	250
Produce - RAC	Grapes	170
Produce - RAC	* Herbs (fresh)	240
Produce - RAC	* Leafy greens	430
Produce - RAC	* Melons	430
Produce - RAC	Microgreens	220
Produce - RAC	* Peppers	370
Produce - RAC	Pit fruits	310
Produce - RAC	Pome fruits	230
Produce - RAC	Root and tuber vegetables	300
Produce - RAC	Root vegetables (not eaten raw)	213
Produce - RAC	* Sprouts	420
Produce - RAC	Squash, summer	240
Produce - RAC	Stem vegetables	190
Produce - RAC	Sugar crops	140

Commodity Category [a]	Commodity [a] *	Commodity Risk Score
Produce - RAC	* Tomatoes	430
Produce - RAC	Tropical fruits N.E.C.	250
Produce - RAC	* Tropical tree fruits	370
Seafood - Finfish	Finfish (reduced oxygen-packaged)	260
Seafood - Finfish	* Finfish, histamine-producing species	430
Seafood - Finfish	* Finfish, species not associated with histamine or ciguatoxin	370
Seafood - Finfish	* Finfish, species potentially contaminated with ciguatoxin	330
Seafood - Finfish	Semi-preserved fish	160
Seafood - Finfish	* Smoked finfish	360
Seafood - Invertebrates	* Crustaceans	430
Seafood - Invertebrates	* Molluscan shellfish, bivalves	380
Seafood - Invertebrates	Squid	250
Seafood - N.E.C.	Alligator	120
Seafood - N.E.C.	Finfish (dried or salted)	150
Seafood - N.E.C.	Fish eggs	300
Seafood - N.E.C.	Frog legs	240
Seafood - N.E.C.	Octopus	130
Seafood - N.E.C.	Snails	110
Seafood - N.E.C.	Sushi	250
Seeds (Edible Seeds) and Seed Products	Hummus	230
Seeds (Edible Seeds) and Seed Products	Seed butters	230
Seeds (Edible Seeds) and Seed Products	Seeds (shelled)	160

Commodity Category [a]	Commodity [a] [*]	Commodity Risk Score
Seeds (Edible Seeds) and Seed Products	Seeds meal or powder	240
Snack Foods	Chips	233
Snack Foods	Crackers	200
Snack Foods	Gelatin desserts	170
Snack Foods	Novelty snacks	163
Snack Foods	Popcorn	143
Snack Foods	Pretzels	140
Snack Foods	Pudding	150
Snack Foods	Sorbet (frozen)	130
Snack Foods	Trail mix and granola bars	231
Soup - not LACF	Dry soup mixes	135
Soup - not LACF	Fresh or refrigerated soups	253
Soup - not LACF	Ramen	240
Spices/Seasonings	Salt	140
Spices/Seasonings	Spices	300
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Flavorings	143
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Gelatin	210
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Gums and thickeners	220
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Hydrolyzed vegetable proteins	130
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Soy and egg lecithin	140

Commodity Category [a]	Commodity [a] [*]	Commodity Risk Score
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Starches	160
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Yeast or yeast extracts	130
Sweeteners	Honey	160
Sweeteners	Sugar	140
Vegetable and Vegetable Products	Fried foods	190
Vegetable and Vegetable Products	Process fruits and vegetables	213
Vegetable and Vegetable Products	Tofu and tofu products	200
Vegetable and Vegetable Products	Vegetables (dried)	160
Vegetable Protein Products (simulated Meats)	Imitation meat product	170
Whole & Milled Grains and Flours	Corn meal	150
Whole & Milled Grains and Flours	Flours (wheat or rice or soy)	310
Whole & Milled Grains and Flours	Grains	240
Whole & Milled Grains and Flours	Grits	170
Whole & Milled Grains and Flours	Oatmeal	220

[a] Abbreviations: LACF: Low-Acid Canned Food; N.E.C: Not Elsewhere Classified. RAC: Raw Agricultural Commodity; RTE: Ready-to-Eat.

[*] Commodities noted with an asterisk "*" appear on the current Food Traceability List (FTL), which can be found at the FDA website https://www.fda.gov/food/food-safety-modernization-act-fsma/food-traceability-list. As explained on that webpage, the Food Traceability Rule applies not only to the foods specifically listed on the FTL, but also to any foods that contain listed foods as ingredients, provided that the listed food that is used as an ingredient remains in the same form (e.g., fresh) in which it appears on the FTL.

Table 2B. Criteria scores and risk scores for commodity-hazard pairs associated with commodities evaluated in the RRM-FT, where commodities noted with an asterisk "*" are on the current Food Traceability List.

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Acidified/LACF - Baby (Infant and Junior) Food Products	Baby food	*Clostridium botulinum* and toxin	0	9	1	1	1	1	0	130
Acidified/LACF - Baby (Infant and Junior) Food Products	Baby food	Mycotoxins - Afl DON Fum OTA	1	9	1	0	3	1	0	150
Acidified/LACF - N.E.C.	Canned broth, chicken or beef	*Bacillus cereus* and toxin	0	1	0	1	1	0	0	30
Acidified/LACF - N.E.C.	Canned broth, chicken or beef	*Clostridium botulinum* and toxin	0	9	0	1	1	0	0	110
Acidified/LACF - N.E.C.	Canned broth, chicken or beef	*Clostridium perfringens* and toxin	0	3	0	1	1	0	0	50
Acidified/LACF - N.E.C.	Canned fruits and vegetables	*Bacillus cereus* and toxin	1	1	1	1	1	9	0	140
Acidified/LACF - N.E.C.	Canned fruits and vegetables	*Clostridium botulinum* and toxin	1	9	1	1	1	9	3	250
Acidified/LACF - N.E.C.	Canned fruits and vegetables	*Clostridium perfringens* and toxin	0	3	1	3	1	9	0	170
Acidified/LACF - N.E.C.	Canned fruits and vegetables	*Cryptosporidium parvum* or other spp.	0	9	0	0	1	9	0	190
Acidified/LACF - N.E.C.	Canned fruits and vegetables	Hypoglycin A toxin	0	9	1	0	9	9	0	280
Acidified/LACF - N.E.C.	Canned fruits and vegetables	*Listeria monocytogenes*	0	9	1	0	1	9	0	200
Acidified/LACF - N.E.C.	Canned fruits and vegetables	Norovirus	0	3	0	0	1	9	0	130
Acidified/LACF - N.E.C.	Canned fruits and vegetables	*Salmonella* spp.	0	9	0	1	1	9	0	200
Acidified/LACF - N.E.C.	Canned fruits and vegetables	*Shigella* spp.	0	9	0	1	1	9	0	200

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Acidified/LACF - N.E.C.	Canned fruits and vegetables	STEC O157	0	9	1	0	1	9	0	200
Acidified/LACF - N.E.C.	Canned seafood	*Clostridium botulinum* and toxin	0	9	1	1	1	1	0	130
Acidified/LACF - N.E.C.	Canned seafood	Saxitoxin (PSP)	3	9	3	0	9	1	0	250
Acidified/LACF - N.E.C.	Canned seafood	Scombroid toxin (Histamine)	1	1	9	0	9	1	0	210
Acidified/LACF - N.E.C.	Cheese sauce (shelf-stable)	*Clostridium botulinum* and toxin	0	9	1	3	1	1	0	150
Acidified/LACF - N.E.C.	Diet and nutritional drinks (shelf-stable)	*Bacillus cereus* and toxin	0	1	1	1	1	3	0	70
Acidified/LACF - N.E.C.	Milk (shelf-stable, not condensed)	*Clostridium botulinum* and toxin	0	9	0	1	1	0	0	110
Acidified/LACF - N.E.C.	Soups (canned)	*Clostridium botulinum* and toxin	0	9	0	1	1	9	0	200
Bakery - N.E.C.	Croutons	*Bacillus cereus* and toxin	0	1	9	0	9	1	0	200
Bakery - N.E.C.	Croutons	*Clostridium botulinum* and toxin	0	9	1	0	1	1	0	120
Bakery - N.E.C.	Croutons	*Clostridium perfringens* and toxin	0	3	1	0	1	1	0	60
Bakery - N.E.C.	Croutons	*Listeria monocytogenes*	0	9	0	0	1	1	0	110
Bakery - N.E.C.	Croutons	Mycotoxins - DON OTA	1	3	1	0	3	1	0	90
Bakery - N.E.C.	Croutons	Norovirus	0	3	0	0	1	1	0	50
Bakery - N.E.C.	Croutons	*Salmonella* spp.	0	9	0	0	1	1	0	110
Bakery - N.E.C.	Tortilla	Norovirus	0	3	1	0	1	3	0	80
Bakery - N.E.C.	Tortilla	*Salmonella* spp.	0	9	1	0	1	3	0	140
Bakery - N.E.C.	Waffles and toasts	Norovirus	0	3	0	0	1	1	0	50
Bakery - N.E.C.	Waffles and toasts	*Salmonella* spp.	0	9	1	1	1	1	0	130

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Bakery Products, Dough, and Bakery Mixes	Bakery mixes	*Salmonella* spp.	0	9	1	0	3	3	0	160
Bakery Products, Dough, and Bakery Mixes	Batters and breading	*Listeria monocytogenes*	0	9	3	1	3	0	0	160
Bakery Products, Dough, and Bakery Mixes	Batters and breading	*Salmonella* spp.	0	9	1	1	3	0	0	140
Bakery Products, Dough, and Bakery Mixes	Batters and breading	*Staphylococcus aureus* and toxin	0	3	1	1	3	0	0	80
Bakery Products, Dough, and Bakery Mixes	Batters and breading	STEC O157	0	9	3	1	3	0	0	160
Bakery Products, Dough, and Bakery Mixes	Biscuits	Norovirus	0	3	1	0	1	3	0	80
Bakery Products, Dough, and Bakery Mixes	Bread and rolls (fresh and frozen)	*Clostridium perfringens* and toxin	0	3	0	1	1	9	0	140
Bakery Products, Dough, and Bakery Mixes	Bread and rolls (fresh and frozen)	Mycotoxins - DON OTA	1	3	1	0	3	9	0	170
Bakery Products, Dough, and Bakery Mixes	Bread and rolls (fresh and frozen)	Norovirus	0	3	0	0	1	9	0	130
Bakery Products, Dough, and Bakery Mixes	Bread and rolls (fresh and frozen)	*Salmonella* spp.	0	9	3	0	1	9	0	220
Bakery Products, Dough, and Bakery Mixes	Cakes	*Clostridium perfringens* and toxin	0	3	0	1	1	9	0	140
Bakery Products, Dough, and Bakery Mixes	Cakes	*Listeria monocytogenes*	0	9	1	1	1	9	0	210
Bakery Products, Dough, and Bakery Mixes	Cakes	Norovirus	0	3	0	0	1	9	0	130
Bakery Products, Dough, and Bakery Mixes	Cakes	*Salmonella* spp.	0	9	3	1	1	9	0	230

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Bakery Products, Dough, and Bakery Mixes	Cakes	*Staphylococcus aureus* and toxin	0	3	3	3	1	9	0	190
Bakery Products, Dough, and Bakery Mixes	Cakes	STEC O157	0	9	1	1	1	9	0	210
Bakery Products, Dough, and Bakery Mixes	Cookies	*Bacillus cereus* and toxin	0	1	1	0	1	9	0	120
Bakery Products, Dough, and Bakery Mixes	Cookies	Norovirus	0	3	1	0	1	9	0	140
Bakery Products, Dough, and Bakery Mixes	Cookies	*Salmonella* spp.	0	9	1	0	1	9	0	200
Bakery Products, Dough, and Bakery Mixes	Cookies	*Staphylococcus aureus* and toxin	0	3	1	0	1	9	0	140
Bakery Products, Dough, and Bakery Mixes	Cookies	STEC O157	0	9	1	0	1	9	0	200
Bakery Products, Dough, and Bakery Mixes	Desserts fillings and toppings	*Salmonella* spp.	0	9	9	3	1	0	0	220
Bakery Products, Dough, and Bakery Mixes	Dough	*Bacillus cereus* and toxin	0	1	9	1	1	0	0	120
Bakery Products, Dough, and Bakery Mixes	Dough	*Campylobacter* spp.	0	3	0	1	1	0	0	50
Bakery Products, Dough, and Bakery Mixes	Dough	*Salmonella* spp.	0	9	1	3	1	0	0	140
Bakery Products, Dough, and Bakery Mixes	Dough	STEC O157	0	9	3	1	1	0	0	140
Bakery Products, Dough, and Bakery Mixes	Pancakes	*Bacillus cereus* and toxin	0	1	1	1	3	3	0	90
Bakery Products, Dough, and Bakery Mixes	Pastries	*Listeria monocytogenes*	0	9	9	3	1	9	0	310

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Bakery Products, Dough, and Bakery Mixes	Pastries	Norovirus	0	3	1	0	1	9	0	140
Bakery Products, Dough, and Bakery Mixes	Pastries	*Salmonella* spp.	0	9	9	1	1	9	0	290
Bakery Products, Dough, and Bakery Mixes	Pastries	*Staphylococcus aureus* and toxin	1	3	9	3	1	9	3	290
Bakery Products, Dough, and Bakery Mixes	Pastries	STEC O157	0	9	1	0	1	9	0	200
Bakery Products, Dough, and Bakery Mixes	Pies	Norovirus	0	3	0	0	1	3	0	70
Bakery Products, Dough, and Bakery Mixes	Pies	*Salmonella* spp.	0	9	1	3	1	3	0	170
Bakery Products, Dough, and Bakery Mixes	Pies	*Staphylococcus aureus* and toxin	0	3	1	3	1	3	0	110
Beverages - Alcoholic Beverages	Alcoholic beverages	Mycotoxins - Ochratoxin A	1	3	1	0	3	9	0	170
Beverages - Alcoholic Beverages	Alcoholic beverages	Norovirus	0	3	0	0	1	9	0	130
Beverages - Alcoholic Beverages	Alcoholic beverages	*Salmonella* spp.	0	9	1	0	1	9	0	200
Beverages - Beverage Bases	Beverage mixes	*Clostridium botulinum* and toxin	0	9	1	0	3	3	0	160
Beverages - Beverage Bases	Beverage mixes	Mycotoxins - Ochratoxin A	1	3	1	0	3	3	0	110
Beverages - Beverage Bases	Beverage mixes	*Salmonella* spp.	0	9	1	0	1	3	0	140
Beverages - Beverage Bases	Flavored drink syrups	Norovirus	0	3	0	0	1	0	0	40
Beverages - Coffee and Teas	Coffee	Mycotoxins - Ochratoxin A	1	3	1	0	3	9	0	170
Beverages - Coffee and Teas	Coffee	Norovirus	0	3	0	0	1	9	0	130
Beverages - Coffee and Teas	Coffee	*Salmonella* spp.	0	9	1	0	1	9	0	200

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Beverages - Coffee and Teas	Tea	Norovirus	0	3	0	0	1	9	0	130
Beverages - Coffee and Teas	Tea	*Salmonella* spp.	0	9	1	0	3	9	0	220
Beverages - Juices	Fruit and vegetable juices (high-acid)	*Bacillus cereus* and toxin	0	1	1	0	1	9	0	120
Beverages - Juices	Fruit and vegetable juices (high-acid)	*Campylobacter* spp.	1	3	1	0	1	9	1	160
Beverages - Juices	Fruit and vegetable juices (high-acid)	*Cryptosporidium parvum* or other spp.	1	9	1	0	3	9	3	260
Beverages - Juices	Fruit and vegetable juices (high-acid)	*Listeria monocytogenes*	0	9	1	0	1	9	0	200
Beverages - Juices	Fruit and vegetable juices (high-acid)	Mycotoxins - Patulin	0	1	1	0	1	9	0	120
Beverages - Juices	Fruit and vegetable juices (high-acid)	Norovirus	0	3	0	0	1	9	0	130
Beverages - Juices	Fruit and vegetable juices (high-acid)	*Salmonella* spp.	3	9	1	0	1	9	3	260
Beverages - Juices	Fruit and vegetable juices (high-acid)	STEC non-O157	1	3	1	0	1	9	3	180
Beverages - Juices	Fruit and vegetable juices (high-acid)	STEC O157	1	9	1	0	3	9	1	240
Beverages - Juices	Fruit and vegetable juices (high-acid)	*Trypanosoma cruzi*	0	9	1	0	1	9	0	200
Beverages - Juices	Fruit and vegetable juices (low-acid)	*Clostridium botulinum* and toxin	1	9	1	3	9	3	1	270
Beverages - Juices	Fruit and vegetable juices (low-acid)	*Listeria monocytogenes*	0	9	1	3	1	3	0	170
Beverages - Juices	Fruit and vegetable juices (low-acid)	Norovirus	0	3	0	0	1	3	0	70

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Beverages - Juices	Fruit and vegetable juices (low-acid)	*Salmonella* spp.	0	9	1	3	1	3	0	170
Beverages - Juices	Fruit and vegetable juices (low-acid)	STEC non-O157	0	3	1	9	1	3	0	170
Beverages - Juices	Smoothies	*Listeria monocytogenes*	1	9	1	3	1	3	3	210
Beverages - Juices	Smoothies	Norovirus	1	3	1	0	1	3	0	90
Beverages - Juices	Smoothies	*Salmonella enterica* - Serovar typhi	0	9	1	3	1	3	0	170
Beverages - N.E.C.	Hot chocolate	*Salmonella* spp.	0	9	3	3	1	0	0	160
Beverages - N.E.C.	Ice	*Giardia* spp.	0	3	1	0	3	9	0	160
Beverages - N.E.C.	Ice	Hepatitis A virus	0	9	1	0	3	9	0	220
Beverages - N.E.C.	Ice	Norovirus	0	3	1	0	3	9	0	160
Beverages - N.E.C.	Ice	*Shigella* spp.	0	9	1	0	1	9	0	200
Beverages - N.E.C.	Ice	STEC O157	0	9	1	0	3	9	0	220
Beverages - N.E.C.	Non-dairy beverages	Norovirus	0	3	0	0	1	0	0	40
Beverages - N.E.C.	Non-dairy milk	*Clostridium botulinum* and toxin	0	9	1	3	1	9	0	230
Beverages - N.E.C.	Non-dairy milk	*Listeria monocytogenes*	0	9	1	3	1	9	0	230
Beverages - N.E.C.	Non-dairy milk	*Salmonella* spp.	0	9	1	3	1	9	0	230
Beverages - Soft Drinks and Waters	Bottled water	Norovirus	0	3	1	0	1	9	0	140
Beverages - Soft Drinks and Waters	Bottled water	*Salmonella* spp.	0	9	1	1	1	9	0	210
Beverages - Soft Drinks and Waters	Soft drinks	Norovirus	0	3	0	0	1	9	0	130
Breakfast Cereals	Boxed cereals	Mycotoxins - Afl OTA	1	9	1	0	3	9	0	230
Breakfast Cereals	Boxed cereals	Mycotoxins - Deoxynivalenol	1	3	1	0	1	9	0	150
Breakfast Cereals	Boxed cereals	Mycotoxins - Fumonisins	1	3	1	0	3	9	0	170

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Breakfast Cereals	Boxed cereals	Mycotoxins - Ochratoxin A	1	3	1	0	3	9	0	170
Breakfast Cereals	Boxed cereals	Norovirus	0	3	0	0	1	9	0	130
Breakfast Cereals	Boxed cereals	*Salmonella* spp.	3	9	1	0	1	9	3	260
Breakfast Cereals	Granola	*Salmonella* spp.	0	9	1	0	3	1	0	140
Breakfast Cereals	Instant cereals	*Salmonella* spp.	0	9	1	0	1	3	0	140
Chocolate and Cocoa Products	Chocolate products other than candy	*Salmonella* spp.	0	9	1	0	3	0	0	130
Chocolate and Cocoa Products	Chocolate products other than candy	STEC O157	0	9	1	0	1	0	0	110
Commodity Category N.E.C.	Imitation bacon	*Salmonella* spp.	0	9	1	0	1	0	0	110
Commodity Category N.E.C.	Imitation cheese, non-milk	*Salmonella* spp.	0	9	0	3	1	0	0	130
Confections/Candy with Chocolate	Chocolate candies and bars	*Salmonella* spp.	0	9	1	0	3	9	0	220
Confections/Candy with Chocolate	Chocolate fudge	*Salmonella* spp.	0	9	1	0	1	0	0	110
Confections/Candy Without Chocolate, Candy Specialties, and Chewing Gum	Confections or coatings	Norovirus	0	3	0	0	1	9	0	130
Confections/Candy Without Chocolate, Candy Specialties, and Chewing Gum	Confections or coatings	*Salmonella* spp.	0	9	1	0	3	9	0	220
Confections/Candy Without Chocolate, Candy Specialties, and Chewing Gum	Frosting or icing	Norovirus	0	3	3	0	1	0	0	70
Confections/Candy Without Chocolate, Candy Specialties, and Chewing Gum	Frosting or icing	*Salmonella* spp.	0	9	3	0	1	0	0	130

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), fresh soft or soft unripened	*Campylobacter* spp.	0	3	1	1	1	9	0	150
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), fresh soft or soft unripened	*Clostridium botulinum* and toxin	0	9	1	0	1	9	0	200
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), fresh soft or soft unripened	*Listeria monocytogenes*	1	9	3	9	9	9	3	430
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), fresh soft or soft unripened	Mycotoxins - Aflatoxin M1	0	9	1	0	3	9	0	220
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), fresh soft or soft unripened	*Salmonella* spp.	1	9	1	1	1	9	1	230
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), fresh soft or soft unripened	*Staphylococcus aureus* and toxin	0	3	1	3	3	9	0	190
Dairy - Cheese and Cheese Products	Cheese (made from pasteurized milk), hard	*Listeria monocytogenes*	0	9	3	0	1	9	0	220
Dairy - Cheese and Cheese Products	Cheese (made from pasteurized milk), hard	Mycotoxins - Aflatoxin M1	0	9	1	0	3	9	0	220
Dairy - Cheese and Cheese Products	Cheese (made from pasteurized milk), hard	Norovirus	0	3	0	0	1	9	0	130
Dairy - Cheese and Cheese Products	Cheese (made from pasteurized milk), hard	*Salmonella* spp.	0	9	3	0	1	9	0	220
Dairy - Cheese and Cheese Products	Cheese (made from pasteurized milk), hard	*Staphylococcus aureus* and toxin	0	3	1	1	1	9	0	150
Dairy - Cheese and Cheese Products	Cheese (made from pasteurized milk), hard	STEC non-O157	0	3	1	1	1	9	0	150

Commodity Category [a]	Commodity [a][*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), soft ripened or semi-soft	*Bacillus cereus* and toxin	0	1	1	3	1	9	0	150
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), soft ripened or semi-soft	*Listeria monocytogenes*	1	9	9	9	3	9	9	490
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), soft ripened or semi-soft	Mycotoxins - Aflatoxin M1	0	9	1	0	3	9	0	220
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), soft ripened or semi-soft	*Salmonella* spp.	1	9	3	1	1	9	0	240
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), soft ripened or semi-soft	Scombroid toxin (Histamine)	0	1	3	1	3	9	0	170
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), soft ripened or semi-soft	*Staphylococcus aureus* and toxin	0	3	1	1	1	9	0	150
Dairy - Cheese and Cheese Products	*Cheese (made from pasteurized milk), soft ripened or semi-soft	STEC O157	1	9	1	1	1	9	3	250
Dairy - Cheese and Cheese Products	Cheese (made from unpasteurized milk), hard	*Listeria monocytogenes*	0	9	3	0	3	1	0	160
Dairy - Cheese and Cheese Products	Cheese (made from unpasteurized milk), hard	*Staphylococcus aureus* and toxin	0	3	9	1	3	1	0	170
Dairy - Cheese and Cheese Products	Cheese (made from unpasteurized milk), hard	STEC O157	0	9	1	1	1	1	0	130
Dairy - Cheese and Cheese Products	*Cheese (made from unpasteurized milk), other than hard cheese	*Brucella* spp.	1	9	1	1	9	1	0	220

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dairy - Cheese and Cheese Products	*Cheese (made from unpasteurized milk), other than hard cheese	*Listeria monocytogenes*	1	9	9	3	9	1	9	410
Dairy - Cheese and Cheese Products	*Cheese (made from unpasteurized milk), other than hard cheese	*Salmonella* spp.	1	9	1	1	3	1	1	170
Dairy - Cheese and Cheese Products	*Cheese (made from unpasteurized milk), other than hard cheese	*Staphylococcus aureus* and toxin	0	3	9	3	9	1	0	250
Dairy - Cheese and Cheese Products	*Cheese (made from unpasteurized milk), other than hard cheese	STEC O157	1	9	1	1	3	1	1	170
Dairy - Cheese and Cheese Products	Whey powder	*Salmonella* spp.	0	9	1	3	3	3	0	190
Dairy - Dried Milk Products	Dried milk	*Bacillus cereus* and toxin	0	1	9	0	1	0	0	110
Dairy - Dried Milk Products	Dried milk	*Cronobacter* spp.	0	9	0	0	3	0	0	120
Dairy - Dried Milk Products	Dried milk	*Listeria monocytogenes*	0	9	3	0	1	0	0	130
Dairy - Dried Milk Products	Dried milk	Mycotoxins - Aflatoxin M1	1	9	9	0	3	0	0	220
Dairy - Dried Milk Products	Dried milk	*Salmonella* spp.	0	9	1	0	3	0	0	130
Dairy - Dried Milk Products	Dried milk	*Staphylococcus aureus* and toxin	0	3	1	0	1	0	0	50
Dairy - Fermented dairy products other than cheese	Cultured products (excluding yogurt)	*Campylobacter* spp.	0	3	1	1	1	3	0	90
Dairy - Fermented dairy products other than cheese	Cultured products (excluding yogurt)	*Clostridium perfringens* and toxin	0	3	1	1	1	3	0	90
Dairy - Fermented dairy products other than cheese	Cultured products (excluding yogurt)	*Listeria monocytogenes*	0	9	3	1	1	3	0	170
Dairy - Fermented dairy products other than cheese	Cultured products (excluding yogurt)	Norovirus	0	3	0	0	1	3	0	70

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dairy - Fermented dairy products other than cheese	Cultured products (excluding yogurt)	STEC O157	0	9	0	1	1	3	0	140
Dairy - Fermented dairy products other than cheese	Yogurt	*Listeria monocytogenes*	0	9	1	1	1	9	0	210
Dairy - Fermented dairy products other than cheese	Yogurt	*Salmonella* spp.	0	9	1	3	1	9	0	230
Dairy - Ice Cream and Related	Ice cream	Hepatitis A virus	0	9	1	0	1	9	0	200
Dairy - Ice Cream and Related	Ice cream	*Listeria monocytogenes*	1	9	3	0	3	9	3	280
Dairy - Ice Cream and Related	Ice cream	Mycotoxins - Aflatoxin M1	1	9	1	0	3	9	0	230
Dairy - Ice Cream and Related	Ice cream	Norovirus	0	3	1	0	1	9	0	140
Dairy - Ice Cream and Related	Ice cream	*Salmonella* spp.	1	9	1	0	1	9	1	220
Dairy - Ice Cream and Related	Ice cream	*Staphylococcus aureus* and toxin	0	3	3	0	1	9	0	160
Dairy - Ice Cream and Related	Ice cream	STEC O157	0	9	1	0	1	9	0	200
Dairy - Milk, Butter, Cream	Butter	*Clostridium botulinum* and toxin	0	9	1	0	1	3	0	140
Dairy - Milk, Butter, Cream	Butter	*Listeria monocytogenes*	1	9	1	3	1	3	1	190
Dairy - Milk, Butter, Cream	Butter	Norovirus	0	3	0	0	1	3	0	70
Dairy - Milk, Butter, Cream	Butter	*Salmonella* spp.	0	9	1	0	1	3	0	140
Dairy - Milk, Butter, Cream	Butter	*Staphylococcus aureus* and toxin	0	3	1	1	1	3	0	90
Dairy - Milk, Butter, Cream	Butter	STEC O157	0	9	1	0	1	3	0	140
Dairy - Milk, Butter, Cream	Buttermilk	*Campylobacter* spp.	0	3	1	1	1	0	0	60
Dairy - Milk, Butter, Cream	Buttermilk	*Listeria monocytogenes*	0	9	1	1	1	0	0	120

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dairy - Milk, Butter, Cream	Buttermilk	*Salmonella* spp.	0	9	1	1	1	0	0	120
Dairy - Milk, Butter, Cream	Buttermilk	*Staphylococcus aureus* and toxin	0	3	1	1	1	0	0	60
Dairy - Milk, Butter, Cream	Buttermilk	STEC O157	0	9	0	1	1	0	0	110
Dairy - Milk, Butter, Cream	Buttermilk	*Yersinia enterocolitica*	0	9	1	3	1	0	0	140
Dairy - Milk, Butter, Cream	Condensed milk	*Bacillus cereus* and toxin	0	1	9	3	1	0	0	140
Dairy - Milk, Butter, Cream	Condensed milk	*Clostridium botulinum* and toxin	0	9	3	1	1	0	0	140
Dairy - Milk, Butter, Cream	Condensed milk	*Listeria monocytogenes*	0	9	0	1	1	0	0	110
Dairy - Milk, Butter, Cream	Condensed milk	*Staphylococcus aureus* and toxin	0	3	1	3	1	0	0	80
Dairy - Milk, Butter, Cream	Cream (heavy or light or whipping)	*Bacillus cereus* and toxin	1	1	1	3	1	3	1	110
Dairy - Milk, Butter, Cream	Cream (heavy or light or whipping)	*Campylobacter* spp.	0	3	1	1	1	3	0	90
Dairy - Milk, Butter, Cream	Cream (heavy or light or whipping)	*Listeria monocytogenes*	0	9	1	9	1	3	0	230
Dairy - Milk, Butter, Cream	Cream (heavy or light or whipping)	*Salmonella* spp.	0	9	1	3	1	3	0	170
Dairy - Milk, Butter, Cream	Cream (heavy or light or whipping)	*Staphylococcus aureus* and toxin	0	3	3	3	3	3	0	150
Dairy - Milk, Butter, Cream	Milk (flavored)	*Salmonella* spp.	0	9	1	3	1	9	0	230
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	*Bacillus cereus* and toxin	0	1	1	3	3	9	0	170
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	*Campylobacter* spp.	1	3	1	1	1	9	1	170
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	*Listeria monocytogenes*	0	9	3	3	1	9	0	250

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	Mycotoxins - Aflatoxin M1	1	9	1	0	3	9	0	230
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	*Salmonella* spp.	1	9	1	3	1	9	1	250
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	*Staphylococcus aureus* and toxin	0	3	1	1	1	9	0	150
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	STEC non-O157	0	3	0	3	1	9	0	160
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	STEC O157	0	9	0	3	1	9	0	220
Dairy - Milk, Butter, Cream	Milk (fluid and white and Grade-A pasteurized)	*Yersinia enterocolitica*	1	9	1	3	1	9	3	270
Dairy - N.E.C.	Dips and spreads (dairy-based)	*Bacillus cereus* and toxin	0	1	1	3	1	3	0	90
Dairy - N.E.C.	Dips and spreads (dairy-based)	*Clostridium botulinum* and toxin	0	9	1	0	1	3	0	140
Dairy - N.E.C.	Dips and spreads (dairy-based)	*Listeria monocytogenes*	0	9	3	9	1	3	0	250
Dairy - N.E.C.	Dips and spreads (dairy-based)	*Salmonella* spp.	0	9	1	3	1	3	0	170
Dairy - N.E.C.	Dips and spreads (dairy-based)	STEC O157	0	9	3	3	1	3	0	190
Dairy - N.E.C.	Dips and spreads (dairy-based)	*Vibrio parahaemolyticus*	0	9	1	3	1	3	0	170
Dairy - N.E.C.	Eggnog	*Salmonella* spp.	0	9	3	3	1	0	0	160
Dressings/Sauces/Gravies	Condiments	*Listeria monocytogenes*	0	9	1	0	1	9	0	200
Dressings/Sauces/Gravies	Condiments	*Salmonella* spp.	0	9	1	0	1	9	0	200
Dressings/Sauces/Gravies	Condiments	*Staphylococcus aureus* and toxin	0	3	0	0	1	9	0	130

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dressings/Sauces/Gravies	Condiments	STEC O157	0	9	0	0	1	9	0	190
Dressings/Sauces/Gravies	Dips (non dairy-based)	*Listeria monocytogenes*	0	9	1	1	1	0	0	120
Dressings/Sauces/Gravies	Dips (non dairy-based)	Norovirus	0	3	0	0	1	0	0	40
Dressings/Sauces/Gravies	Dips (non dairy-based)	*Salmonella* spp.	0	9	1	1	1	0	0	120
Dressings/Sauces/Gravies	Dips (non dairy-based)	*Shigella* spp.	1	9	1	0	1	0	3	150
Dressings/Sauces/Gravies	Dips (non dairy-based)	STEC O157	0	9	0	1	1	0	0	110
Dressings/Sauces/Gravies	Dry powder dips	*Listeria monocytogenes*	0	9	1	0	1	1	0	120
Dressings/Sauces/Gravies	Dry powder dips	*Salmonella* spp.	0	9	1	0	3	1	0	140
Dressings/Sauces/Gravies	Gravies (liquid)	*Bacillus cereus* and toxin	1	1	9	3	3	3	0	200
Dressings/Sauces/Gravies	Gravies (liquid)	*Clostridium perfringens* and toxin	1	3	1	3	3	3	1	150
Dressings/Sauces/Gravies	Gravies (liquid)	*Cyclospora cayetanensis*	0	1	0	0	1	3	0	50
Dressings/Sauces/Gravies	Gravies (liquid)	Norovirus	0	3	1	0	1	3	0	80
Dressings/Sauces/Gravies	Gravies (liquid)	*Salmonella* spp.	1	9	1	3	1	3	0	180
Dressings/Sauces/Gravies	Gravies (liquid)	*Staphylococcus aureus* and toxin	1	3	3	3	3	3	0	160
Dressings/Sauces/Gravies	Guacamole	*Campylobacter* spp.	0	3	1	1	1	1	0	70
Dressings/Sauces/Gravies	Guacamole	Hepatitis A virus	0	9	1	0	1	1	0	120
Dressings/Sauces/Gravies	Guacamole	*Listeria monocytogenes*	0	9	1	3	1	1	0	150
Dressings/Sauces/Gravies	Guacamole	Norovirus	0	3	1	0	1	1	0	60
Dressings/Sauces/Gravies	Guacamole	*Salmonella* spp.	0	9	3	1	1	1	0	150
Dressings/Sauces/Gravies	Guacamole	*Shigella* spp.	0	9	1	1	1	1	0	130
Dressings/Sauces/Gravies	Guacamole	STEC non-O157	0	3	1	3	1	1	0	90
Dressings/Sauces/Gravies	Guacamole	STEC O157	0	9	1	3	1	1	0	150
Dressings/Sauces/Gravies	Marinades	*Salmonella* spp.	0	9	1	1	1	0	0	120
Dressings/Sauces/Gravies	Salad dressings	*Listeria monocytogenes*	0	9	1	1	1	9	0	210
Dressings/Sauces/Gravies	Salad dressings	Norovirus	0	3	0	0	1	9	0	130
Dressings/Sauces/Gravies	Salad dressings	*Salmonella* spp.	0	9	1	1	1	9	0	210

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Dressings/Sauces/Gravies	Salad dressings	*Staphylococcus aureus* and toxin	0	3	0	1	1	9	0	140
Dressings/Sauces/Gravies	Salad dressings	STEC O157	0	9	1	1	1	9	0	210
Dressings/Sauces/Gravies	Salsa (fresh)	*Clostridium botulinum* and toxin	0	9	1	1	3	9	0	230
Dressings/Sauces/Gravies	Salsa (fresh)	*Listeria monocytogenes*	0	9	1	3	1	9	0	230
Dressings/Sauces/Gravies	Salsa (fresh)	Norovirus	0	3	1	0	1	9	0	140
Dressings/Sauces/Gravies	Salsa (fresh)	*Salmonella* spp.	0	9	1	3	3	9	0	250
Dressings/Sauces/Gravies	Salsa (fresh)	*Shigella* spp.	0	9	1	1	1	9	0	210
Dressings/Sauces/Gravies	Salsa (fresh)	STEC O157	0	9	1	3	1	9	0	230
Dressings/Sauces/Gravies	Sauces	*Bacillus cereus* and toxin	0	1	1	3	1	9	0	150
Dressings/Sauces/Gravies	Sauces	*Clostridium botulinum* and toxin	0	9	1	3	1	9	0	230
Dressings/Sauces/Gravies	Sauces	*Clostridium perfringens* and toxin	0	3	3	3	1	9	0	190
Dressings/Sauces/Gravies	Sauces	*Listeria monocytogenes*	0	9	1	3	1	9	0	230
Dressings/Sauces/Gravies	Sauces	Norovirus	0	3	0	0	1	9	0	130
Dressings/Sauces/Gravies	Sauces	*Salmonella* spp.	0	9	1	3	3	9	0	250
Dressings/Sauces/Gravies	Sauces	*Staphylococcus aureus* and toxin	0	3	1	3	1	9	0	170
Eggs	Egg dishes	*Listeria monocytogenes*	0	9	1	3	1	9	0	230
Eggs	Egg dishes	Norovirus	0	3	0	0	1	9	0	130
Eggs	Egg dishes	*Salmonella* spp.	0	9	3	1	1	9	0	230
Eggs	*Shell eggs	Norovirus	0	3	0	0	3	9	0	150
Eggs	*Shell eggs	*Salmonella* spp.	9	9	3	3	3	9	9	450
Eggs	Shell eggs (hard boiled)	*Listeria monocytogenes*	0	9	1	3	3	3	0	190
Frozen Foods	Coconut products (frozen)	*Listeria monocytogenes*	0	9	1	0	3	0	0	130
Frozen Foods	Coconut products (frozen)	*Salmonella* spp.	1	9	1	0	3	0	1	150
Frozen Foods	Coconut products (frozen)	*Vibrio cholerae*	0	9	3	0	9	0	0	210

Commodity Category [a]	Commodity [a *]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Frozen Foods	Coconut products (frozen)	*Vibrio fluvialis*	0	9	1	0	9	0	0	190
Frozen Foods	Frozen meals	*Bacillus cereus* and toxin	0	1	3	0	1	3	0	80
Frozen Foods	Frozen meals	*Clostridium perfringens* and toxin	0	3	9	0	1	3	0	160
Frozen Foods	Frozen meals	*Listeria monocytogenes*	0	9	1	0	3	3	0	160
Frozen Foods	Frozen meals	*Salmonella* spp.	1	9	1	0	1	3	1	160
Frozen Foods	Frozen meals	*Staphylococcus aureus* and toxin	0	3	1	0	1	3	0	80
Frozen Foods	Frozen meals	STEC non-O157	0	3	1	0	1	3	0	80
Frozen Foods	Fruits (frozen)	*Cyclospora cayetanensis*	1	1	1	0	1	1	1	60
Frozen Foods	Fruits (frozen)	Hepatitis A virus	3	9	1	0	3	1	3	200
Frozen Foods	Fruits (frozen)	*Listeria monocytogenes*	0	9	1	0	1	1	0	120
Frozen Foods	Fruits (frozen)	Norovirus	0	3	1	0	1	1	0	60
Frozen Foods	Fruits (frozen)	*Salmonella enterica -* Serovar typhi	1	9	1	0	1	1	1	140
Frozen Foods	Fruits (frozen)	*Salmonella* spp.	1	9	3	0	3	1	1	180
Frozen Foods	Fruits (frozen)	STEC O157	0	9	1	0	1	1	0	120
Frozen Foods	Pizza (frozen)	*Listeria monocytogenes*	0	9	1	0	1	9	0	200
Frozen Foods	Pizza (frozen)	*Salmonella* spp.	0	9	3	0	1	9	0	220
Frozen Foods	Pizza (frozen)	STEC non-O157	0	3	1	0	1	9	0	140
Frozen Foods	Pizza (frozen)	STEC O157	0	9	1	0	1	9	0	200
Frozen Foods	Vegetables (frozen)	*Listeria monocytogenes*	1	9	3	0	3	9	3	280
Frozen Foods	Vegetables (frozen)	*Salmonella* spp.	0	9	1	0	3	9	0	220
Frozen Foods	Vegetables (frozen)	*Staphylococcus aureus* and toxin	0	3	1	0	1	9	0	140
Fruit and Fruit Products	Apple butter	Mycotoxins - Patulin	1	1	1	0	3	0	0	60
Fruit and Fruit Products	Apple juice concentrate	Mycotoxins - Patulin	0	1	1	0	1	0	0	30
Fruit and Fruit Products	Apple sauce	Mycotoxins - Patulin	1	1	1	0	3	3	0	90
Fruit and Fruit Products	Fruits (dried)	*Listeria monocytogenes*	0	9	1	0	3	1	0	140

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Fruit and Fruit Products	Fruits (dried)	Mycotoxins - Afl OTA	1	9	1	0	3	1	0	150
Fruit and Fruit Products	Fruits (dried)	*Salmonella* spp.	0	9	1	0	3	1	0	140
Fruit and Fruit Products	Jams and jellies	*Clostridium botulinum and toxin*	0	9	1	1	3	9	0	230
Game Meats	Bear	*Trichinella spiralis*	0	9	9	0	1	0	0	190
Game Meats	Bison	STEC non-O157	1	3	1	3	1	0	1	100
Game Meats	Bison	STEC O157	1	9	9	3	1	0	1	240
Game Meats	Boar	*Trichinella spiralis*	0	9	3	0	1	0	0	130
Game Meats	Guinea pig	*Salmonella* spp.	0	9	3	3	3	0	0	180
Game Meats	Opossum	*Salmonella* spp.	0	9	9	3	1	0	0	220
Game Meats	Quail	*Campylobacter* spp.	0	3	9	3	3	0	0	180
Game Meats	Rabbit	*Staphylococcus aureus and toxin*	0	3	9	3	1	0	0	160
Game Meats	Seal	*Salmonella* spp.	0	9	3	1	3	0	0	160
Game Meats	Venison	Norovirus	0	3	1	0	1	0	0	50
Game Meats	Venison	*Salmonella* spp.	0	9	9	1	3	0	0	220
Game Meats	Venison	STEC non-O157	0	3	3	3	3	0	0	120
Game Meats	Venison	STEC O157	0	9	1	3	3	0	0	160
Game Meats	Venison	*Toxoplasma gondii*	0	3	9	0	3	0	0	150
Game Meats	Whale	*Salmonella* spp.	0	9	1	1	3	0	0	140
Meal Replacement/Nutritional Food and Beverages	Dietary supplements	Hepatitis A virus	0	9	0	0	1	3	0	130
Meal Replacement/Nutritional Food and Beverages	Dietary supplements	*Salmonella* spp.	3	9	1	0	3	3	3	220
Meal Replacement/Nutritional Food and Beverages	Dry instant breakfast	*Cronobacter* spp.	0	9	0	0	3	0	0	120

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Meal Replacement/Nutritional Food and Beverages	Dry instant breakfast	Mycotoxins - Aflatoxins	1	9	1	0	3	0	0	140
Meal Replacement/Nutritional Food and Beverages	Dry instant breakfast	Mycotoxins - Deoxynivalenol	1	3	1	0	3	0	0	80
Meal Replacement/Nutritional Food and Beverages	Dry instant breakfast	Mycotoxins - Fumonisins	1	3	1	0	3	0	0	80
Meal Replacement/Nutritional Food and Beverages	Dry instant breakfast	Mycotoxins - Ochratoxin A	1	3	1	0	3	0	0	80
Meal Replacement/Nutritional Food and Beverages	Dry instant breakfast	*Salmonella* spp.	0	9	1	0	3	0	0	130
Meal Replacement/Nutritional Food and Beverages	Energy shakes and drinks	*Bacillus cereus* and toxin	0	1	1	1	3	9	0	150
Meal Replacement/Nutritional Food and Beverages	Energy shakes and drinks	*Listeria monocytogenes*	0	9	1	1	1	9	0	210
Meal Replacement/Nutritional Food and Beverages	Energy shakes and drinks	*Salmonella* spp.	0	9	1	1	1	9	0	210
Meal Replacement/Nutritional Food and Beverages	Infant formula	*Cronobacter* spp.	1	9	1	0	1	1	3	160
Meal Replacement/Nutritional Food and Beverages	Infant formula	*Salmonella* spp.	1	9	1	0	1	1	0	130
Meal Replacement/Nutritional Food and Beverages	Meal shake and meal replacement products (raw)	*Salmonella* spp.	1	9	1	3	1	0	3	180

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Meal Replacement/Nutritional Food and Beverages	Medical foods	*Bacillus cereus* and toxin	0	1	1	1	1	0	0	40
Meal Replacement/Nutritional Food and Beverages	Medical foods	*Listeria monocytogenes*	0	9	0	1	3	0	0	130
Meal Replacement/Nutritional Food and Beverages	Medical foods	*Salmonella* spp.	0	9	1	3	1	0	0	140
Meal Replacement/Nutritional Food and Beverages	Powdered drinks	*Salmonella* spp.	0	9	1	0	3	9	0	220
Nuts and Nut Products	*Nut butters	*Listeria monocytogenes*	0	9	1	0	1	9	0	200
Nuts and Nut Products	*Nut butters	Mycotoxins - Aflatoxins	1	9	1	0	3	9	0	230
Nuts and Nut Products	*Nut butters	Norovirus	0	3	1	0	1	9	0	140
Nuts and Nut Products	*Nut butters	*Salmonella* spp.	9	9	3	0	3	9	9	420
Nuts and Nut Products	*Nut butters	*Staphylococcus aureus* and toxin	0	3	1	0	1	9	1	150
Nuts and Nut Products	*Nut butters	STEC O157	1	9	1	0	1	9	3	240
Nuts and Nut Products	Nut meal and powder	*Salmonella* spp.	0	9	1	0	1	0	0	110
Nuts and Nut Products	Peanuts	Mycotoxins - Aflatoxins	1	9	1	0	3	1	0	150
Nuts and Nut Products	Peanuts	*Salmonella* spp.	0	9	3	0	3	1	0	160
Nuts and Nut Products	Whole shelled tree nuts	*Listeria monocytogenes*	0	9	1	0	1	3	0	140
Nuts and Nut Products	Whole shelled tree nuts	Mycotoxins - Aflatoxins	1	9	1	0	3	3	0	170
Nuts and Nut Products	Whole shelled tree nuts	Norovirus	0	3	1	0	1	3	0	80
Nuts and Nut Products	Whole shelled tree nuts	*Salmonella* spp.	3	9	3	0	3	3	3	240
Nuts and Nut Products	Whole shelled tree nuts	STEC O157	1	9	1	0	1	3	1	160
Oil/Margarine	Fats and oils	*Listeria monocytogenes*	0	9	1	3	1	3	0	170
Oil/Margarine	Fats and oils	*Salmonella* spp.	0	9	1	1	1	3	0	150
Oil/Margarine	Fats and oils	STEC O157	0	9	1	1	1	3	0	150

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Pasta - Dried Pasta	Pasta (dried)	*Bacillus cereus* and toxin	0	1	9	0	3	3	0	160
Pasta - Dried Pasta	Pasta (dried)	*Clostridium perfringens* and toxin	0	3	9	0	1	3	0	160
Pasta - Dried Pasta	Pasta (dried)	*Salmonella* spp.	0	9	3	0	3	3	0	180
Pasta - Dried Pasta	Pasta (dried)	*Staphylococcus aureus* and toxin	0	3	9	0	3	3	0	180
Pasta - Dried Pasta	Pasta (dried)	STEC O157	0	9	0	0	1	3	0	130
Pasta - N.E.C.	Macaroni	*Listeria monocytogenes*	0	9	1	0	1	3	0	140
Pasta - N.E.C.	Macaroni	STEC O157	0	9	0	0	1	3	0	130
Pasta - N.E.C.	Noodles	*Clostridium botulinum* and toxin	0	9	1	1	1	9	0	210
Pasta - N.E.C.	Noodles	Norovirus	0	3	1	0	1	9	0	140
Pasta - N.E.C.	Noodles	*Salmonella* spp.	0	9	1	1	3	9	0	230
Pasta - N.E.C.	Pasta (filled)	*Listeria monocytogenes*	0	9	1	3	1	3	0	170
Pasta - N.E.C.	Pasta (filled)	Norovirus	0	3	1	0	1	3	0	80
Pasta - N.E.C.	Pasta (filled)	*Salmonella* spp.	0	9	3	3	3	3	0	210
Pasta - N.E.C.	Pasta (fresh or refrigerated)	*Clostridium botulinum* and toxin	0	9	9	1	3	3	0	250
Pasta - N.E.C.	Pasta (fresh or refrigerated)	*Listeria monocytogenes*	0	9	1	3	1	3	0	170
Pasta - N.E.C.	Pasta (fresh or refrigerated)	*Salmonella* spp.	0	9	1	1	1	3	0	150
Pasta - N.E.C.	Pasta (frozen)	*Listeria monocytogenes*	0	9	1	0	1	3	0	140
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Bacillus cereus* and toxin	0	1	3	3	1	9	0	170
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Campylobacter* spp.	0	3	0	1	1	9	0	140
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Clostridium perfringens* and toxin	0	3	1	1	1	9	0	150
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Cryptosporidium parvum* or other spp.	0	9	1	0	1	9	0	200

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Cyclospora cayetanensis*	0	1	1	0	1	9	0	120
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	Hepatitis A virus	0	9	9	0	1	9	0	280
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Listeria monocytogenes*	1	9	9	3	1	9	1	330
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	Norovirus	1	3	1	0	1	9	0	150
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Salmonella* spp.	3	9	1	1	1	9	3	270
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	Scombroid toxin (Histamine)	1	1	1	0	3	9	1	160
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Shigella* spp.	0	9	1	3	1	9	0	230
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	*Staphylococcus aureus* and toxin	0	3	1	1	1	9	0	150
Prepared Food - Refrigerated and Ready-to-Eat Salads	*RTE Deli salads	STEC O157	0	9	1	3	1	9	0	230
Prepared Foods - N.E.C.	Appetizers and prepared dishes	*Listeria monocytogenes*	0	9	1	3	1	9	0	230
Prepared Foods - N.E.C.	Appetizers and prepared dishes	Norovirus	0	3	9	0	1	9	0	220
Prepared Foods - N.E.C.	Appetizers and prepared dishes	*Salmonella* spp.	0	9	1	1	1	9	0	210
Prepared Foods - N.E.C.	Appetizers and prepared dishes	STEC non-O157	0	3	1	1	1	9	0	150
Prepared Foods - N.E.C.	Egg rolls	*Staphylococcus aureus* and toxin	0	3	3	3	1	1	0	110
Prepared Foods - N.E.C.	Falafel	*Salmonella* spp.	0	9	9	3	1	0	0	220

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Prepared Foods - N.E.C.	Finfish (battered or breaded)	*Staphylococcus aureus* and toxin	0	3	9	1	3	3	0	190
Prepared Foods - N.E.C.	Finfish (cooked)	*Clostridium perfringens* and toxin	0	3	9	1	1	9	0	230
Prepared Foods - N.E.C.	Macaroni and cheese	*Bacillus cereus* and toxin	1	1	1	1	1	9	3	170
Prepared Foods - N.E.C.	Macaroni and cheese	Norovirus	0	3	0	0	1	9	0	130
Prepared Foods - N.E.C.	Macaroni and cheese	*Salmonella* spp.	0	9	1	1	1	9	0	210
Prepared Foods - N.E.C.	Macaroni and cheese	*Staphylococcus aureus* and toxin	0	3	1	3	1	9	0	170
Prepared Foods - N.E.C.	Pasta dishes	*Staphylococcus aureus* and toxin	0	3	1	1	1	9	0	150
Prepared Foods - N.E.C.	Potatoes (cooked)	*Bacillus cereus* and toxin	0	1	9	3	3	9	0	250
Prepared Foods - N.E.C.	Potatoes (cooked)	*Clostridium botulinum* and toxin	0	9	1	1	1	9	0	210
Prepared Foods - N.E.C.	Potatoes (cooked)	*Clostridium perfringens* and toxin	0	3	1	3	1	9	0	170
Prepared Foods - N.E.C.	Potatoes (cooked)	Norovirus	0	3	0	0	1	9	0	130
Prepared Foods - N.E.C.	Potatoes (cooked)	*Salmonella* spp.	0	9	1	3	1	9	0	230
Prepared Foods - N.E.C.	Potatoes (cooked)	*Staphylococcus aureus* and toxin	0	3	0	3	1	9	0	160
Prepared Foods - N.E.C.	Potatoes (cooked)	STEC O157	0	9	0	1	1	9	0	200
Prepared Foods - N.E.C.	Rice dishes	*Bacillus cereus* and toxin	0	1	9	3	1	9	0	230
Prepared Foods - N.E.C.	Rice dishes	*Campylobacter* spp.	0	3	0	0	1	9	0	130
Prepared Foods - N.E.C.	Rice dishes	Norovirus	0	3	0	0	1	9	0	130
Prepared Foods - N.E.C.	Rice dishes	*Salmonella* spp.	0	9	1	1	1	9	0	210
Prepared Foods - N.E.C.	Rice dishes	*Staphylococcus aureus* and toxin	0	3	1	3	1	9	0	170
Prepared Foods - N.E.C.	RTE dinners	*Salmonella* spp.	0	9	1	1	1	9	0	210
Prepared Foods - N.E.C.	Salad kits	*Listeria monocytogenes*	0	9	1	3	3	9	0	250

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Prepared Foods - N.E.C.	Salad kits	*Salmonella* spp.	0	9	3	3	3	9	0	270
Prepared Foods - N.E.C.	Sandwiches	*Bacillus cereus* and toxin	0	1	1	1	3	9	0	150
Prepared Foods - N.E.C.	Sandwiches	*Campylobacter* spp.	0	3	1	1	3	9	0	170
Prepared Foods - N.E.C.	Sandwiches	*Clostridium perfringens* and toxin	0	3	1	1	1	9	0	150
Prepared Foods - N.E.C.	Sandwiches	*E. coli*, other pathogenic (ETEC)	0	1	1	1	3	9	0	150
Prepared Foods - N.E.C.	Sandwiches	*Enterococcus faecalis*	0	1	1	1	1	9	1	140
Prepared Foods - N.E.C.	Sandwiches	Hepatitis A virus	0	9	1	0	3	9	0	220
Prepared Foods - N.E.C.	Sandwiches	*Listeria monocytogenes*	0	9	3	3	3	9	0	270
Prepared Foods - N.E.C.	Sandwiches	Norovirus	0	3	1	0	1	9	0	140
Prepared Foods - N.E.C.	Sandwiches	Rotavirus	0	3	1	0	1	9	0	140
Prepared Foods - N.E.C.	Sandwiches	*Salmonella* spp.	0	9	1	1	3	9	0	230
Prepared Foods - N.E.C.	Sandwiches	Scombroid toxin (Histamine)	3	1	1	0	1	9	1	160
Prepared Foods - N.E.C.	Sandwiches	*Staphylococcus aureus* and toxin	0	3	3	1	3	9	0	190
Prepared Foods - N.E.C.	Sandwiches	STEC non-O157	0	3	1	3	3	9	0	190
Prepared Foods - N.E.C.	Sandwiches	STEC O157	0	9	1	1	3	9	0	230
Prepared Foods - N.E.C.	Snacks and snack kits	*Listeria monocytogenes*	0	9	1	0	1	9	0	200
Prepared Foods - N.E.C.	Snacks and snack kits	*Salmonella* spp.	0	9	1	0	1	9	0	200
Prepared Foods - N.E.C.	Stuffings	*Salmonella* spp.	0	9	1	1	3	3	0	170
Produce - Fresh Cut	Avocado, processed	*Listeria monocytogenes*	0	9	1	3	3	1	0	170
Produce - Fresh Cut	Avocado, processed	*Salmonella* spp.	1	9	1	1	1	1	1	150
Produce - Fresh Cut	*Fruits (fresh-cut)	*Campylobacter* spp.	0	3	0	1	1	9	0	140
Produce - Fresh Cut	*Fruits (fresh-cut)	*Cyclospora cayetanensis*	0	1	1	0	1	9	0	120
Produce - Fresh Cut	*Fruits (fresh-cut)	*Giardia* spp.	0	3	3	0	1	9	0	160
Produce - Fresh Cut	*Fruits (fresh-cut)	Hepatitis A virus	0	9	1	0	1	9	0	200
Produce - Fresh Cut	*Fruits (fresh-cut)	*Listeria monocytogenes*	1	9	3	9	3	9	3	370

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Produce - Fresh Cut	*Fruits (fresh-cut)	Mycotoxins - Patulin	0	1	3	0	1	9	0	140
Produce - Fresh Cut	*Fruits (fresh-cut)	Norovirus	0	3	1	0	1	9	0	140
Produce - Fresh Cut	*Fruits (fresh-cut)	*Salmonella* spp.	1	9	1	3	3	9	3	290
Produce - Fresh Cut	*Fruits (fresh-cut)	STEC non-O157	0	3	0	1	1	9	0	140
Produce - Fresh Cut	*Fruits (fresh-cut)	STEC O157	0	9	1	3	1	9	0	230
Produce - Fresh Cut	*Leafy greens (fresh-cut)	*Campylobacter* spp.	0	3	1	1	1	9	0	150
Produce - Fresh Cut	*Leafy greens (fresh-cut)	*Cryptosporidium parvum* or other spp.	0	9	9	0	1	9	0	280
Produce - Fresh Cut	*Leafy greens (fresh-cut)	*Cyclospora cayetanensis*	1	1	9	0	1	9	9	300
Produce - Fresh Cut	*Leafy greens (fresh-cut)	*Giardia* spp.	0	3	9	0	1	9	0	220
Produce - Fresh Cut	*Leafy greens (fresh-cut)	Hepatitis A virus	0	9	1	0	1	9	0	200
Produce - Fresh Cut	*Leafy greens (fresh-cut)	*Listeria monocytogenes*	1	9	3	9	3	9	3	370
Produce - Fresh Cut	*Leafy greens (fresh-cut)	Norovirus	0	3	0	0	1	9	0	130
Produce - Fresh Cut	*Leafy greens (fresh-cut)	*Salmonella* spp.	3	9	3	9	3	9	3	390
Produce - Fresh Cut	*Leafy greens (fresh-cut)	*Shigella* spp.	0	9	1	9	1	9	0	290
Produce - Fresh Cut	*Leafy greens (fresh-cut)	STEC non-O157	1	3	3	3	3	9	1	230
Produce - Fresh Cut	*Leafy greens (fresh-cut)	STEC O157	3	9	1	3	3	9	3	310
Produce - Fresh Cut	Salads (fresh-cut)	*Bacillus cereus* and toxin	0	1	9	1	1	0	0	120
Produce - Fresh Cut	Salads (fresh-cut)	*Campylobacter* spp.	0	3	1	1	1	0	0	60
Produce - Fresh Cut	Salads (fresh-cut)	*Cryptosporidium parvum* or other spp.	0	9	3	0	1	0	0	130
Produce - Fresh Cut	Salads (fresh-cut)	*Cyclospora cayetanensis*	0	1	1	0	1	0	0	30
Produce - Fresh Cut	Salads (fresh-cut)	Hepatitis A virus	0	9	1	0	1	0	0	110
Produce - Fresh Cut	Salads (fresh-cut)	*Listeria monocytogenes*	0	9	1	3	3	0	0	160
Produce - Fresh Cut	Salads (fresh-cut)	Norovirus	0	3	1	0	1	0	0	50
Produce - Fresh Cut	Salads (fresh-cut)	*Salmonella* spp.	0	9	1	3	3	0	0	160
Produce - Fresh Cut	Salads (fresh-cut)	*Shigella* spp.	0	9	1	3	1	0	0	140
Produce - Fresh Cut	Salads (fresh-cut)	STEC non-O157	0	3	1	3	1	0	0	80
Produce - Fresh Cut	Salads (fresh-cut)	STEC O157	0	9	1	3	3	0	0	160

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Produce - Fresh Cut	Salads (fresh-cut)	*Yersinia enterocolitica*	0	9	1	3	1	0	0	140
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	*Cyclospora cayetanensis*	1	1	1	0	1	9	3	160
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	*Giardia* spp.	0	3	3	0	1	9	0	160
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	*Listeria monocytogenes*	1	9	9	9	3	9	3	430
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	Norovirus	0	3	1	0	1	9	0	140
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	*Salmonella* spp.	3	9	1	3	1	9	9	350
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	*Shigella* spp.	0	9	1	3	1	9	0	230
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	STEC O157	1	9	1	1	1	9	1	230
Produce - Fresh Cut	*Vegetables other than leafy greens (fresh-cut)	*Yersinia pseudotuberculosis*	0	9	1	3	1	9	0	230
Produce - RAC	Berries (fresh)	*Cryptosporidium parvum* or other spp.	1	9	1	0	3	9	1	240
Produce - RAC	Berries (fresh)	*Cyclospora cayetanensis*	3	1	3	0	3	9	3	220
Produce - RAC	Berries (fresh)	Hepatitis A virus	1	9	1	0	1	9	1	220
Produce - RAC	Berries (fresh)	*Listeria monocytogenes*	1	9	1	1	1	9	3	250
Produce - RAC	Berries (fresh)	Norovirus	0	3	9	0	1	9	0	220
Produce - RAC	Berries (fresh)	*Salmonella* spp.	1	9	1	3	1	9	1	250
Produce - RAC	Berries (fresh)	STEC non-O157	0	3	1	1	1	9	0	150
Produce - RAC	Berries (fresh)	STEC O157	0	9	1	3	1	9	0	230
Produce - RAC	Berries (fresh)	*Trypanosoma cruzi*	0	9	1	0	1	9	0	200
Produce - RAC	Citrus	Norovirus	0	3	0	0	1	9	0	130
Produce - RAC	Citrus	*Salmonella* spp.	0	9	1	1	1	9	0	210

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Produce - RAC	Citrus	STEC O157	0	9	1	1	1	9	0	210
Produce - RAC	Corn	*Clostridium perfringens* and toxin	0	3	0	1	1	1	0	60
Produce - RAC	Corn	*Listeria monocytogenes*	0	9	1	1	1	1	0	130
Produce - RAC	Corn	Mycotoxins - Afl DON Fum OTA	1	9	9	0	3	1	0	230
Produce - RAC	Corn	Norovirus	0	3	0	0	1	1	0	50
Produce - RAC	Crucifers	*Listeria monocytogenes*	0	9	9	3	3	3	0	270
Produce - RAC	Crucifers	Norovirus	0	3	1	0	1	3	0	80
Produce - RAC	Crucifers	*Salmonella* spp.	0	9	9	1	1	3	0	230
Produce - RAC	Crucifers	STEC non-O157	1	3	1	3	3	3	1	150
Produce - RAC	Crucifers	STEC O157	1	9	3	1	3	3	1	210
Produce - RAC	*Cucumbers	*Campylobacter* spp.	0	3	1	1	1	3	0	90
Produce - RAC	*Cucumbers	*Listeria monocytogenes*	0	9	9	3	3	3	0	270
Produce - RAC	*Cucumbers	Norovirus	0	3	0	0	1	3	0	70
Produce - RAC	*Cucumbers	*Salmonella* spp.	9	9	9	3	1	3	9	430
Produce - RAC	*Cucumbers	STEC O157	1	9	1	1	1	3	1	170
Produce - RAC	Fresh pods and legumes	*Campylobacter* spp.	0	3	0	1	1	0	0	50
Produce - RAC	Fresh pods and legumes	*Cyclospora cayetanensis*	1	1	1	0	1	0	3	70
Produce - RAC	Fresh pods and legumes	*Listeria monocytogenes*	0	9	1	1	3	0	0	140
Produce - RAC	Fresh pods and legumes	Norovirus	0	3	1	0	1	0	0	50
Produce - RAC	Fresh pods and legumes	*Salmonella* spp.	0	9	9	1	1	0	0	200
Produce - RAC	Fresh pods and legumes	*Shigella* spp.	0	9	1	1	1	0	0	120
Produce - RAC	Fresh pods and legumes	STEC non-O157	0	3	1	1	1	0	0	60
Produce - RAC	Fresh pods and legumes	STEC O157	0	9	1	1	1	0	0	120
Produce - RAC	Fungi	*Campylobacter* spp.	0	3	1	1	1	1	0	70
Produce - RAC	Fungi	*Clostridium botulinum* and toxin	0	9	1	3	1	1	0	150
Produce - RAC	Fungi	*Listeria monocytogenes*	0	9	9	3	3	1	0	250

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Produce - RAC	Fungi	Norovirus	0	3	1	0	1	1	0	60
Produce - RAC	Fungi	*Salmonella* spp.	0	9	9	3	1	1	0	230
Produce - RAC	Grapes	Hepatitis A virus	0	9	0	0	1	3	0	130
Produce - RAC	Grapes	Norovirus	0	3	0	0	1	3	0	70
Produce - RAC	Grapes	*Salmonella* spp.	1	9	1	1	1	3	1	170
Produce - RAC	Grapes	STEC O157	0	9	1	1	1	3	0	150
Produce - RAC	*Herbs (fresh)	*Cyclospora cayetanensis*	9	1	1	0	3	1	9	240
Produce - RAC	*Herbs (fresh)	*E. coli*, other pathogenic (ETEC)	0	1	3	3	1	1	0	90
Produce - RAC	*Herbs (fresh)	*Listeria monocytogenes*	0	9	1	1	3	1	0	150
Produce - RAC	*Herbs (fresh)	Norovirus	0	3	0	0	1	1	0	50
Produce - RAC	*Herbs (fresh)	*Salmonella* spp.	1	9	3	3	3	1	3	230
Produce - RAC	*Herbs (fresh)	*Shigella* spp.	0	9	1	3	1	1	0	150
Produce - RAC	*Herbs (fresh)	STEC non-O157	1	3	9	1	1	1	3	190
Produce - RAC	*Herbs (fresh)	STEC O157	1	9	1	1	1	1	3	170
Produce - RAC	*Leafy greens	*Campylobacter* spp.	0	3	1	1	1	9	0	150
Produce - RAC	*Leafy greens	*Clostridium perfringens* and toxin	0	3	0	0	1	9	0	130
Produce - RAC	*Leafy greens	*Cryptosporidium parvum* or other spp.	0	9	3	0	1	9	0	220
Produce - RAC	*Leafy greens	*Cyclospora cayetanensis*	3	1	9	0	1	9	9	320
Produce - RAC	*Leafy greens	*Giardia* spp.	0	3	1	0	1	9	0	140
Produce - RAC	*Leafy greens	Hepatitis A virus	0	9	1	0	1	9	0	200
Produce - RAC	*Leafy greens	*Listeria monocytogenes*	0	9	3	9	3	9	0	330
Produce - RAC	*Leafy greens	Norovirus	0	3	9	0	1	9	0	220
Produce - RAC	*Leafy greens	*Salmonella* spp.	1	9	3	9	3	9	1	350
Produce - RAC	*Leafy greens	*Shigella* spp.	0	9	1	1	1	9	0	210
Produce - RAC	*Leafy greens	STEC non-O157	1	3	1	1	3	9	1	190
Produce - RAC	*Leafy greens	STEC O157	9	9	1	3	3	9	9	430

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Produce - RAC	*Melons	*Campylobacter* spp.	0	3	1	1	1	9	0	150
Produce - RAC	*Melons	*Listeria monocytogenes*	1	9	3	9	3	9	9	430
Produce - RAC	*Melons	Norovirus	0	3	1	0	1	9	0	140
Produce - RAC	*Melons	*Salmonella* spp.	9	9	3	3	1	9	3	370
Produce - RAC	*Melons	*Shigella* spp.	1	9	1	1	1	9	1	230
Produce - RAC	*Melons	STEC O157	0	9	1	1	1	9	0	210
Produce - RAC	Microgreens	*Listeria monocytogenes*	0	9	1	3	3	0	0	160
Produce - RAC	Microgreens	*Salmonella* spp.	0	9	1	9	3	0	0	220
Produce - RAC	*Peppers	*Listeria monocytogenes*	0	9	1	9	3	3	0	250
Produce - RAC	*Peppers	*Salmonella enterica -* Serovar paratyphi	1	9	1	3	1	3	3	210
Produce - RAC	*Peppers	*Salmonella* spp.	9	9	3	3	1	3	9	370
Produce - RAC	*Peppers	STEC non-O157	0	3	1	1	1	3	0	90
Produce - RAC	Pit fruits	*Listeria monocytogenes*	1	9	3	9	3	3	3	310
Produce - RAC	Pit fruits	*Salmonella* spp.	0	9	3	9	1	3	0	250
Produce - RAC	Pome fruits	*Listeria monocytogenes*	0	9	1	1	3	9	0	230
Produce - RAC	Pome fruits	Mycotoxins - Patulin	0	1	3	0	1	9	0	140
Produce - RAC	Pome fruits	STEC O157	0	9	1	1	1	9	0	210
Produce - RAC	Root and tuber vegetables	Hepatitis A virus	1	9	1	0	1	9	9	300
Produce - RAC	Root and tuber vegetables	*Listeria monocytogenes*	0	9	1	3	3	9	0	250
Produce - RAC	Root and tuber vegetables	Norovirus	0	3	0	0	1	9	0	130
Produce - RAC	Root and tuber vegetables	*Salmonella* spp.	3	9	1	1	3	9	3	290
Produce - RAC	Root and tuber vegetables	*Shigella* spp.	0	9	1	1	1	9	0	210
Produce - RAC	Root and tuber vegetables	STEC O157	0	9	1	1	1	9	0	210
Produce - RAC	Root vegetables (not eaten raw)	Hepatitis A virus	0	9	0	0	1	1	0	110
Produce - RAC	Root vegetables (not eaten raw)	*Listeria monocytogenes*	0	9	9	1	1	1	0	210

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Produce - RAC	Root vegetables (not eaten raw)	*Salmonella* spp.	0	9	9	1	1	1	0	210
Produce - RAC	Root vegetables (not eaten raw)	*Staphylococcus aureus* and toxin	0	3	0	1	1	1	0	60
Produce - RAC	Root vegetables (not eaten raw)	STEC O157	0	9	0	3	1	1	0	140
Produce - RAC	*Sprouts	*Listeria monocytogenes*	1	9	3	3	3	0	3	220
Produce - RAC	*Sprouts	*Salmonella* spp.	9	9	3	9	3	0	9	420
Produce - RAC	*Sprouts	STEC non-O157	1	3	1	9	3	0	1	180
Produce - RAC	*Sprouts	STEC O157	1	9	1	9	3	0	3	260
Produce - RAC	Squash, summer	Cucurbitacin toxin	0	3	1	0	3	0	0	70
Produce - RAC	Squash, summer	Norovirus	0	3	0	0	1	0	0	40
Produce - RAC	Squash, summer	*Salmonella* spp.	0	9	9	3	3	0	0	240
Produce - RAC	Stem vegetables	*Listeria monocytogenes*	0	9	3	3	3	1	0	190
Produce - RAC	Stem vegetables	Norovirus	0	3	3	0	1	1	0	80
Produce - RAC	Stem vegetables	*Shigella* spp.	0	9	1	1	1	1	0	130
Produce - RAC	Stem vegetables	STEC O157	1	9	1	3	1	1	1	170
Produce - RAC	Sugar crops	*Salmonella* spp.	0	9	1	3	1	0	0	140
Produce - RAC	*Tomatoes	*Campylobacter* spp.	0	3	0	1	1	9	0	140
Produce - RAC	*Tomatoes	Hepatitis A virus	0	9	1	0	1	9	0	200
Produce - RAC	*Tomatoes	*Listeria monocytogenes*	0	9	1	1	3	9	0	230
Produce - RAC	*Tomatoes	Norovirus	0	3	9	0	1	9	0	220
Produce - RAC	*Tomatoes	*Salmonella* spp.	9	9	1	3	3	9	9	430
Produce - RAC	*Tomatoes	*Shigella* spp.	0	9	1	1	1	9	0	210
Produce - RAC	Tropical fruits N.E.C.	*Listeria monocytogenes*	0	9	1	3	3	9	0	250
Produce - RAC	Tropical fruits N.E.C.	Norovirus	0	3	1	0	1	9	0	140
Produce - RAC	*Tropical tree fruits	*Listeria monocytogenes*	0	9	1	9	3	3	0	250
Produce - RAC	*Tropical tree fruits	*Salmonella enterica* - Serovar typhi	0	9	1	1	1	3	0	150

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Produce - RAC	*Tropical tree fruits	*Salmonella* spp.	9	9	3	9	1	3	3	370
Seafood - Finfish	Finfish (reduced oxygen-packaged)	*Clostridium botulinum* and toxin	1	9	9	3	3	0	1	260
Seafood - Finfish	*Finfish, histamine-producing species	*Aeromonas* spp.	0	3	9	9	1	9	0	310
Seafood - Finfish	*Finfish, histamine-producing species	Amnesic shellfish poisoning (ASP)	1	3	3	0	3	9	0	190
Seafood - Finfish	*Finfish, histamine-producing species	Escolar toxin	1	1	3	0	9	9	0	230
Seafood - Finfish	*Finfish, histamine-producing species	Hepatitis A virus	0	9	1	0	3	9	0	220
Seafood - Finfish	*Finfish, histamine-producing species	*Listeria monocytogenes*	0	9	9	9	1	9	0	370
Seafood - Finfish	*Finfish, histamine-producing species	*Salmonella* spp.	3	9	9	1	3	9	3	370
Seafood - Finfish	*Finfish, histamine-producing species	Saxitoxin (PSP)	0	9	3	0	3	9	0	240
Seafood - Finfish	*Finfish, histamine-producing species	Scombroid toxin (Histamine)	9	1	9	3	3	9	9	430
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Aeromonas* spp.	0	3	9	9	1	9	0	310
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Anisakis simplex*	0	1	9	0	3	9	1	230
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Bacillus cereus* and toxin	0	1	1	9	1	9	0	210
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Campylobacter* spp.	0	3	0	1	1	9	0	140

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	Cestodes	0	9	3	0	3	9	0	240
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Listeria monocytogenes*	0	9	9	9	1	9	0	370
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	Norovirus	0	3	0	0	1	9	0	130
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Plesiomonas shigelloides*	0	1	9	1	1	9	0	210
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	Rhabdomyolysis	1	3	3	0	3	9	0	190
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Salmonella* spp.	1	9	9	1	3	9	1	330
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Shigella* spp.	0	9	1	1	1	9	0	210
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Staphylococcus aureus* and toxin	0	3	9	1	1	9	0	230
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	STEC O157	0	9	0	1	1	9	0	200
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	Tetrodotoxin	1	9	1	0	3	9	0	230
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	Trematodes	0	3	9	0	1	9	0	220

Commodity Category [a]	Commodity [a][*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Seafood - Finfish	*Finfish, species not associated with histamine or ciguatoxin	*Vibrio parahaemolyticus*	1	9	9	3	3	9	0	340
Seafood - Finfish	*Finfish, species potentially contaminated with ciguatoxin	Ciguatoxin	9	3	9	0	3	0	9	330
Seafood - Finfish	*Finfish, species potentially contaminated with ciguatoxin	*Listeria monocytogenes*	0	9	9	9	1	0	0	280
Seafood - Finfish	*Finfish, species potentially contaminated with ciguatoxin	*Salmonella* spp.	0	9	9	1	3	0	0	220
Seafood - Finfish	Semi-preserved fish	*Listeria monocytogenes*	0	9	1	3	3	0	0	160
Seafood - Finfish	Semi-preserved fish	Parasites	0	1	1	0	3	0	0	50
Seafood - Finfish	*Smoked finfish	*Listeria monocytogenes*	0	9	9	9	9	0	0	360
Seafood - Finfish	*Smoked finfish	Norovirus	0	3	0	0	1	0	0	40
Seafood - Finfish	*Smoked finfish	Parasites	0	1	3	0	3	0	0	70
Seafood - Finfish	*Smoked finfish	*Salmonella* spp.	0	9	1	3	1	0	0	140
Seafood - Finfish	*Smoked finfish	Scombroid toxin (Histamine)	1	1	3	3	3	0	0	110
Seafood - Invertebrates	*Crustaceans	*Aeromonas* spp.	0	3	9	9	1	9	0	310
Seafood - Invertebrates	*Crustaceans	*Bacillus cereus* and toxin	0	1	1	1	1	9	0	130
Seafood - Invertebrates	*Crustaceans	*E. coli*, other pathogenic (EA)	0	3	9	1	1	9	0	230
Seafood - Invertebrates	*Crustaceans	Hepatitis A virus	3	9	1	0	3	9	3	280
Seafood - Invertebrates	*Crustaceans	*Listeria monocytogenes*	0	9	9	9	3	9	0	390
Seafood - Invertebrates	*Crustaceans	Norovirus	0	3	1	0	3	9	0	160
Seafood - Invertebrates	*Crustaceans	*Paragonimus* spp.	1	3	1	0	1	9	0	150
Seafood - Invertebrates	*Crustaceans	*Salmonella* spp.	1	9	9	3	1	9	3	350

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Seafood - Invertebrates	*Crustaceans	*Staphylococcus aureus* and toxin	0	3	3	1	1	9	0	170
Seafood - Invertebrates	*Crustaceans	*Vibrio cholerae*	1	9	9	1	1	9	0	300
Seafood - Invertebrates	*Crustaceans	*Vibrio parahaemolyticus*	9	9	9	3	1	9	3	430
Seafood - Invertebrates	*Crustaceans	*Vibrio vulnificus*	0	9	9	1	1	9	0	290
Seafood - Invertebrates	*Molluscan shellfish, bivalves	Amnesic shellfish poisoning (ASP)	1	3	3	0	3	0	0	100
Seafood - Invertebrates	*Molluscan shellfish, bivalves	Azaspiracid shellfish poisoning (AZP)	1	3	9	0	3	0	1	170
Seafood - Invertebrates	*Molluscan shellfish, bivalves	Brevitoxins (NSP)	1	3	3	0	3	0	0	100
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Campylobacter* spp.	1	3	3	1	1	0	3	120
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Clostridium perfringens* and toxin	0	3	1	1	1	0	0	60
Seafood - Invertebrates	*Molluscan shellfish, bivalves	Hepatitis A virus	3	9	3	0	3	0	3	210
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Listeria monocytogenes*	0	9	1	3	3	0	0	160
Seafood - Invertebrates	*Molluscan shellfish, bivalves	Norovirus	9	3	9	0	3	0	0	240
Seafood - Invertebrates	*Molluscan shellfish, bivalves	Okadaic acid (DSP)	1	9	9	0	3	0	1	230
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Plesiomonas shigelloides*	1	1	9	3	1	0	1	160
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Salmonella enterica* - Serovar typhi	1	9	9	1	1	0	0	210
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Salmonella* spp.	0	9	9	3	1	0	0	220
Seafood - Invertebrates	*Molluscan shellfish, bivalves	Saxitoxin (PSP)	1	9	1	0	3	0	1	150

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Shigella* spp.	0	9	1	1	1	0	0	120
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Vibrio cholerae*	1	9	1	1	1	0	0	130
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Vibrio parahaemolyticus*	9	9	9	1	1	0	9	380
Seafood - Invertebrates	*Molluscan shellfish, bivalves	*Vibrio vulnificus*	1	9	9	3	1	0	3	260
Seafood - Invertebrates	Squid	Norovirus	0	3	0	0	1	0	0	40
Seafood - Invertebrates	Squid	*Vibrio parahaemolyticus*	1	9	9	3	3	0	0	250
Seafood - N.E.C.	Alligator	*Salmonella* spp.	0	9	1	1	1	0	0	120
Seafood - N.E.C.	Alligator	*Staphylococcus aureus* and toxin	0	3	3	1	3	0	0	100
Seafood - N.E.C.	Finfish (dried or salted)	*Clostridium botulinum* and toxin	0	9	1	0	3	0	0	130
Seafood - N.E.C.	Finfish (dried or salted)	*Listeria monocytogenes*	0	9	1	0	1	0	0	110
Seafood - N.E.C.	Finfish (dried or salted)	Scombroid toxin (Histamine)	1	1	9	1	3	0	0	150
Seafood - N.E.C.	Fish eggs	Ciguatoxin	1	3	3	0	3	0	0	100
Seafood - N.E.C.	Fish eggs	*Clostridium botulinum* and toxin	0	9	1	3	1	0	0	140
Seafood - N.E.C.	Fish eggs	*Listeria monocytogenes*	0	9	9	3	9	0	0	300
Seafood - N.E.C.	Frog legs	*Salmonella* spp.	0	9	9	3	3	0	0	240
Seafood - N.E.C.	Octopus	*Campylobacter* spp.	0	3	0	1	1	0	0	50
Seafood - N.E.C.	Octopus	*Vibrio parahaemolyticus*	1	9	1	1	1	0	0	130
Seafood - N.E.C.	Snails	*Listeria monocytogenes*	0	9	0	1	1	0	0	110
Seafood - N.E.C.	Sushi	Ciguatoxin	1	3	3	0	3	1	3	140
Seafood - N.E.C.	Sushi	Hepatitis A virus	0	9	9	0	3	1	0	220
Seafood - N.E.C.	Sushi	*Listeria monocytogenes*	0	9	9	3	3	1	0	250
Seafood - N.E.C.	Sushi	Norovirus	0	3	9	0	1	1	0	140

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Seafood - N.E.C.	Sushi	*Salmonella* spp.	0	9	3	1	3	1	0	170
Seafood - N.E.C.	Sushi	Scombroid toxin (Histamine)	1	1	9	3	3	1	1	190
Seafood - N.E.C.	Sushi	*Shigella* spp.	0	9	1	1	1	1	0	130
Seeds (Edible Seeds) and Seed Products	Hummus	*E. coli*, other pathogenic (ETEC)	0	1	0	1	1	1	0	40
Seeds (Edible Seeds) and Seed Products	Hummus	*Listeria monocytogenes*	1	9	3	3	3	1	3	230
Seeds (Edible Seeds) and Seed Products	Hummus	Norovirus	0	3	3	0	1	1	0	80
Seeds (Edible Seeds) and Seed Products	Hummus	*Salmonella* spp.	0	9	3	1	1	1	0	150
Seeds (Edible Seeds) and Seed Products	Seed butters	*Listeria monocytogenes*	1	9	1	0	3	0	1	150
Seeds (Edible Seeds) and Seed Products	Seed butters	*Salmonella* spp.	1	9	9	0	3	0	1	230
Seeds (Edible Seeds) and Seed Products	Seeds (shelled)	Hepatitis A virus	1	9	1	0	1	1	3	160
Seeds (Edible Seeds) and Seed Products	Seeds (shelled)	*Listeria monocytogenes*	0	9	1	0	1	1	0	120
Seeds (Edible Seeds) and Seed Products	Seeds (shelled)	*Salmonella* spp.	0	9	3	0	1	1	0	140
Seeds (Edible Seeds) and Seed Products	Seeds meal or powder	*Salmonella* spp.	1	9	9	0	3	1	1	240
Snack Foods	Chips	*Campylobacter* spp.	0	3	0	0	1	9	0	130
Snack Foods	Chips	Mycotoxins - Afl DON Fum OTA	1	9	1	0	3	9	0	230
Snack Foods	Chips	Mycotoxins - Aflatoxins	1	9	1	0	3	9	0	230
Snack Foods	Chips	Mycotoxins - DON OTA	1	3	1	0	3	9	0	170

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Snack Foods	Chips	Norovirus	0	3	0	0	1	9	0	130
Snack Foods	Chips	*Salmonella* spp.	0	9	1	0	1	9	0	200
Snack Foods	Crackers	Norovirus	0	3	0	0	1	9	0	130
Snack Foods	Crackers	*Salmonella* spp.	0	9	1	0	1	9	0	200
Snack Foods	Gelatin desserts	*Listeria monocytogenes*	0	9	3	3	1	1	0	170
Snack Foods	Gelatin desserts	Norovirus	0	3	9	0	1	1	0	140
Snack Foods	Gelatin desserts	*Salmonella* spp.	0	9	1	1	1	1	0	130
Snack Foods	Gelatin desserts	*Shigella* spp.	0	9	1	1	1	1	0	130
Snack Foods	Gelatin desserts	STEC O157	0	9	1	1	1	1	0	130
Snack Foods	Novelty snacks	*Salmonella* spp.	0	9	1	0	3	3	0	160
Snack Foods	Novelty snacks	STEC O157	0	9	3	0	1	3	0	160
Snack Foods	Popcorn	*Listeria monocytogenes*	0	9	1	0	1	3	0	140
Snack Foods	Popcorn	Mycotoxins - Fumonisins	1	3	1	0	1	3	0	90
Snack Foods	Popcorn	*Salmonella* spp.	0	9	1	0	1	3	0	140
Snack Foods	Pretzels	*Salmonella* spp.	0	9	1	0	1	3	0	140
Snack Foods	Pudding	Norovirus	0	3	1	0	1	3	0	80
Snack Foods	Pudding	*Salmonella* spp.	0	9	1	1	1	3	0	150
Snack Foods	Pudding	*Staphylococcus aureus* and toxin	0	3	3	1	1	3	0	110
Snack Foods	Sorbet (frozen)	*Salmonella* spp.	0	9	3	0	1	0	0	130
Snack Foods	Trail mix and granola bars	*Listeria monocytogenes*	0	9	1	0	3	9	0	220
Snack Foods	Trail mix and granola bars	Mycotoxins - Afl DON Fum OTA	1	9	1	0	3	9	0	230
Snack Foods	Trail mix and granola bars	*Salmonella* spp.	0	9	1	0	3	9	0	220
Soup - not LACF	Dry soup mixes	*Bacillus cereus* and toxin	0	1	9	0	3	0	0	130
Soup - not LACF	Dry soup mixes	*Clostridium perfringens* and toxin	0	3	9	0	1	0	0	130
Soup - not LACF	Dry soup mixes	*Salmonella* spp.	0	9	1	0	3	0	0	130
Soup - not LACF	Fresh or refrigerated soups	*Bacillus cereus* and toxin	0	1	1	3	1	9	0	150

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Soup - not LACF	Fresh or refrigerated soups	Ciguatoxin	1	3	3	0	1	9	0	170
Soup - not LACF	Fresh or refrigerated soups	*Clostridium botulinum* and toxin	0	9	1	3	3	9	0	250
Soup - not LACF	Fresh or refrigerated soups	*Clostridium perfringens* and toxin	0	3	9	1	3	9	0	250
Soup - not LACF	Fresh or refrigerated soups	Mycotoxins - Aflatoxins	1	9	1	0	3	9	0	230
Soup - not LACF	Fresh or refrigerated soups	Mycotoxins - Deoxynivalenol	1	3	1	0	3	9	0	170
Soup - not LACF	Fresh or refrigerated soups	Mycotoxins - Fumonisins	1	3	1	0	3	9	0	170
Soup - not LACF	Fresh or refrigerated soups	Mycotoxins - Ochratoxin A	1	3	1	0	1	9	0	150
Soup - not LACF	Fresh or refrigerated soups	Norovirus	0	3	9	0	3	9	0	240
Soup - not LACF	Fresh or refrigerated soups	*Salmonella* spp.	0	9	1	1	1	9	0	210
Soup - not LACF	Fresh or refrigerated soups	Scombroid toxin (Histamine)	0	1	3	0	3	9	0	160
Soup - not LACF	Fresh or refrigerated soups	*Staphylococcus aureus* and toxin	0	3	0	1	1	9	0	140
Soup - not LACF	Fresh or refrigerated soups	Tetrodotoxin	0	9	1	0	1	9	0	200
Soup - not LACF	Ramen	Mycotoxins - Afl DON Fum OTA	1	9	1	0	3	3	0	170
Soup - not LACF	Ramen	*Salmonella* spp.	0	9	9	0	3	3	0	240
Spices/Seasonings	Salt	*Salmonella* spp.	0	9	1	0	1	3	0	140
Spices/Seasonings	Spices	*Bacillus cereus* and toxin	0	1	9	0	3	3	0	160
Spices/Seasonings	Spices	*Clostridium botulinum* and toxin	0	9	3	0	1	3	0	160
Spices/Seasonings	Spices	*Clostridium perfringens* and toxin	0	3	9	0	1	3	0	160
Spices/Seasonings	Spices	*Listeria monocytogenes*	0	9	1	0	3	3	0	160
Spices/Seasonings	Spices	Mycotoxins - Afl OTA	1	9	1	0	3	3	0	170

Commodity Category [a]	Commodity [a] [*]	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Spices/Seasonings	Spices	*Salmonella* spp.	3	9	9	0	3	3	3	300
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Flavorings	*Listeria monocytogenes*	0	9	1	0	1	3	0	140
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Flavorings	*Salmonella* spp.	0	9	1	0	1	3	0	140
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Gelatin	*Listeria monocytogenes*	0	9	1	0	1	0	0	110
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Gelatin	*Salmonella* spp.	0	9	9	0	3	0	0	210
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Gums and thickeners	*Salmonella* spp.	0	9	1	0	3	9	0	220
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Hydrolyzed vegetable proteins	*Salmonella* spp.	0	9	1	0	3	0	0	130
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Soy and egg lecithin	*Salmonella* spp.	0	9	1	0	1	3	0	140
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Starches	*Bacillus cereus* and toxin	0	1	9	0	3	3	0	160
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Starches	*Salmonella* spp.	0	9	1	0	1	3	0	140
Stabilizers, Emulsifiers, Flavors, Colors, and Texture Enhancers	Yeast or yeast extracts	*Salmonella* spp.	1	9	1	0	1	0	1	130

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Sweeteners	Honey	*Clostridium botulinum* and toxin	0	9	3	0	3	1	0	160
Sweeteners	Honey	Grayanotoxins	0	1	1	0	3	1	0	60
Sweeteners	Honey	Mycotoxins - Aflatoxins	0	9	1	0	1	1	0	120
Sweeteners	Sugar	*Salmonella* spp.	0	9	1	0	1	3	0	140
Vegetable and Vegetable Products	Fried foods	Hepatitis A virus	0	9	0	0	1	9	0	190
Vegetable and Vegetable Products	Fried foods	Norovirus	0	3	0	0	1	9	0	130
Vegetable and Vegetable Products	Process fruits and vegetables	*Listeria monocytogenes*	0	9	1	1	1	9	0	210
Vegetable and Vegetable Products	Process fruits and vegetables	*Salmonella* spp.	0	9	1	1	1	9	0	210
Vegetable and Vegetable Products	Process fruits and vegetables	*Staphylococcus aureus* and toxin	0	3	0	1	1	9	0	140
Vegetable and Vegetable Products	Tofu and tofu products	*Clostridium botulinum* and toxin	1	9	1	3	3	3	0	200
Vegetable and Vegetable Products	Tofu and tofu products	*E. coli,* other pathogenic (ETEC)	0	1	1	3	1	3	0	90
Vegetable and Vegetable Products	Tofu and tofu products	*Listeria monocytogenes*	0	9	1	3	1	3	0	170
Vegetable and Vegetable Products	Tofu and tofu products	*Salmonella* spp.	0	9	1	3	1	3	0	170
Vegetable and Vegetable Products	Tofu and tofu products	*Staphylococcus aureus* and toxin	0	3	1	3	1	3	0	110
Vegetable and Vegetable Products	Vegetables (dried)	*Listeria monocytogenes*	0	9	1	0	3	1	0	140
Vegetable and Vegetable Products	Vegetables (dried)	*Salmonella* spp.	0	9	3	0	3	1	0	160

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Vegetable Protein Products (simulated Meats)	Imitation meat product	*Listeria monocytogenes*	0	9	1	1	1	1	0	130
Vegetable Protein Products (simulated Meats)	Imitation meat product	*Salmonella* spp.	0	9	3	3	1	1	0	170
Whole & Milled Grains and Flours	Corn meal	*Bacillus cereus* and toxin	0	1	1	0	1	0	0	30
Whole & Milled Grains and Flours	Corn meal	Mycotoxins - Afl DON Fum OTA	1	9	1	0	3	0	0	140
Whole & Milled Grains and Flours	Corn meal	*Salmonella* spp.	0	9	3	0	3	0	0	150
Whole & Milled Grains and Flours	Flours (wheat or rice or soy)	*Bacillus cereus* and toxin	0	1	1	0	1	9	0	120
Whole & Milled Grains and Flours	Flours (wheat or rice or soy)	Mycotoxins - Afl DON Fum OTA	1	9	9	0	3	9	0	310
Whole & Milled Grains and Flours	Flours (wheat or rice or soy)	*Salmonella* spp.	1	9	1	0	3	9	0	230
Whole & Milled Grains and Flours	Flours (wheat or rice or soy)	STEC non-O157	3	3	1	0	1	9	3	200
Whole & Milled Grains and Flours	Flours (wheat or rice or soy)	STEC O157	1	9	1	0	3	9	3	260
Whole & Milled Grains and Flours	Grains	*Bacillus cereus* and toxin	0	1	9	0	1	3	0	140
Whole & Milled Grains and Flours	Grains	Mycotoxins - Afl DON Fum OTA	1	9	1	0	3	3	0	170
Whole & Milled Grains and Flours	Grains	*Salmonella* spp.	0	9	9	0	3	3	0	240
Whole & Milled Grains and Flours	Grits	*Bacillus cereus* and toxin	0	1	9	0	1	3	0	140

Commodity Category [a]	Commodity [a] *	Hazard [b]	C1	C2	C3	C4	C5	C6	C7	Risk Score
Whole & Milled Grains and Flours	Grits	Mycotoxins - Afl DON Fum OTA	1	9	1	0	3	3	0	170
Whole & Milled Grains and Flours	Grits	*Salmonella* spp.	0	9	1	0	3	3	0	160
Whole & Milled Grains and Flours	Oatmeal	*Bacillus cereus* and toxin	0	1	9	0	1	9	0	200
Whole & Milled Grains and Flours	Oatmeal	Mycotoxins - Ochratoxin A	1	3	1	0	3	9	0	170
Whole & Milled Grains and Flours	Oatmeal	*Salmonella* spp.	0	9	1	0	3	9	0	220

[a] Abbreviations: LACF: Low-Acid Canned Food; N.E.C: Not Elsewhere Classified; RAC: Raw Agricultural Commodity; RTE: Ready-to-Eat.

[b] Abbreviations: Afl DON Fum OTA: Aflatoxins, Deoxynivalenol, Fumonisins, and Ochratoxin A; STEC: Shiga-toxin producing *E. coli*; PSP: Paralytic shellfish poisoning; ETEC: Enterotoxigenic *E. coli*.

* Commodities noted with an asterisk "*" appear on the current Food Traceability List (FTL), which can be found at the FDA website https://www.fda.gov/food/food-safety-modernization-act-fsma/food-traceability-list. As explained on that webpage, the Food Traceability Rule applies not only to the foods specifically listed on the FTL, but also to any foods that contain listed foods as ingredients, provided that the listed food that is used as an ingredient remains in the same form (e.g., fresh) in which it appears on the FTL.