

Abridged List Ordered by Nutrient Content in Household Measure Source: USDA National Nutrient Database for Standard Reference Legacy (2018)

Nutrients: Vitamin K (phylloquinone) (μg)

Description	Measure	Vitamin K (phylloquinone) (μg) Per Measure
Spinach, canned, regular pack, solids and liquids	1.0 cups	891.1
Turnip greens, frozen, cooked, boiled, drained, without salt	1.0 cups	851
Turnip greens and turnips, frozen, cooked, boiled, drained,	1.0 cups	676.6
Turnip greens, cooked, boiled, drained, without salt	1.0 cups, chopped	529.3
Turnip greens, frozen, cooked, boiled, drained, with salt	0.5 cups	425.5
Cress, garden, raw	1.0 cups	270.9
Kale, frozen, unprepared	1.0 cups	223.5
Pokeberry shoots, (poke), cooked, boiled, drained, without	1.0 cups	178.2
Broccoli, frozen, chopped, cooked, boiled, drained, without	1.0 cups	162.1
Noodles, egg, spinach, enriched, cooked	1.0 cups	161.8
Brussels sprouts, raw	1.0 cups	155.8
Beet greens, raw	1.0 cups	152
Spinach, raw	1.0 cups	144.9
Asparagus, frozen, cooked, boiled, drained, without salt	1.0 cups	144
Broccoli, frozen, chopped, unprepared	1.0 cups	126.5
Asparagus, canned, drained solids	1.0 cups	99.9
Jute, potherb, cooked, boiled, drained, without salt	1.0 cups	94
Snacks, potato chips, made from dried potatoes, fat-free,		
made with olestra	1.0 oz	93.2
Broccoli raab, raw	1.0 cups chopped	89.6
Kale, raw	1.0 cups	81.8
Plantains, yellow, raw	1.0 plantain	77.8
Kiwifruit, green, raw	1.0 cups, sliced	72.5
Soybeans, mature seeds, sprouted, cooked, steamed	1.0 cups	66.4
Cowpeas (blackeyes), immature seeds, frozen, cooked,		
boiled, drained, without salt	1.0 cups	62.6
Cabbage, chinese (pak-choi), cooked, boiled, drained,		
without salt	1.0 cups, shredded	57.8
Cabbage, chinese (pak-choi), cooked, boiled, drained, with		
salt	1.0 cups, shredded	57.8
Endive, raw	0.5 cups, chopped	57.8
Celery, cooked, boiled, drained, without salt	1.0 cups, diced	56.7
Snacks, tortilla chips, low fat, made with olestra, nacho	1.0 oz	54.4
Peas and carrots, frozen, cooked, boiled, drained, without	1.0 package (10 oz)	
salt	yields	52.3
Beans, snap, green, frozen, cooked, boiled, drained without	1.0 cups	51.4
Blueberries, wild, canned, heavy syrup, drained	1.0 cups	47.2

	0.33 package (10	
Okra, frozen, unprepared	oz)	46.9
Asparagus, cooked, boiled, drained	0.5 cups	45.5
Okra, frozen, cooked, boiled, drained, without salt	0.5 cups slices	44
Cowpeas (blackeyes), immature seeds, cooked, boiled,		
drained, without salt	1.0 cups	43.9
Blueberries, frozen, sweetened	1.0 cups, thawed	40.7
Beverages, Whey protein powder isolate	3.0 scoop	40
Blackberry juice, canned	1.0 cups	38
Edamame, frozen, unprepared	1.0 cups	37.1
Peas, green, raw	1.0 cups	36
Pie crust, deep dish, frozen, unbaked, made with enriched	1.0 pie crust	
flour	(average weight)	33.8
Pie crust, deep dish, frozen, baked, made with enriched	1.0 pie crust	
flour	(average weight)	33.7
Pie Crust, Cookie-type, Chocolate, Ready Crust	1.0 crust	33.1
Cabbage, chinese (pe-tsai), raw	1.0 cups, shredded	32.6
Leeks, (bulb and lower leaf-portion), cooked, boiled,		
drained, without salt	1.0 leek	31.5
Blackberries, frozen, unsweetened	1.0 cups, unthawed	29.9
Mung beans, mature seeds, sprouted, cooked, boiled,		
drained, without salt	1.0 cups	28.1
Pomegranate juice, bottled	1.0 cups	25.9
Pears, dried, sulfured, stewed, without added sugar	1.0 cups, halves	25.2
Soup, cream of mushroom, canned, condensed	0.5 cups	24.7
Peas, edible-podded, raw	1.0 cups, chopped	24.5
Grapes, canned, thompson seedless, water pack, solids and	1.0 cups	24
Salad dressing, mayonnaise, regular	1.0 tbsp	22.5
	0.12 pie 1 pie (1/8	
Pie, Dutch Apple, Commercially Prepared	of 9" pie)	21.5
Beverages, UNILEVER, SLIMFAST, meal replacement,		
regular, ready-to-drink, 3-2-1 Plan	1.0 bottle	19.2
Soup, pea, split with ham, canned, chunky, ready-to-serve	1.0 cups	18
Plantains, yellow, baked	1.0 cups	17.9
Spices, thyme, dried	1.0 tsp, leaves	17.1
Carrots, raw	1.0 cups chopped	16.9
Nuts, hazelnuts or filberts	1.0 cups, chopped	16.3
Bread, cheese	1.0 slice	15.6
Vegetable juice cocktail, canned	1.0 cups	15.4
Soup, beef and vegetables, canned, ready-to-serve	1.0 cups	15
Carrots, canned, regular pack, drained solids	1.0 cups, sliced	14.3
Grapes, american type (slip skin), raw	1.0 cups	13.4
Potatoes, mashed, dehydrated, prepared from granules		
with milk, water and margarine added	1.0 cups	13.2
Desserts, mousse, chocolate, prepared-from-recipe	1.0 recipe yield	12.9
Cauliflower, green, raw	1.0 cups	12.9

Garlic bread, frozen	1.0 slice presliced	12.7
DIGIORNO Pizza, cheese topping, rising crust, frozen, baked	1.0 slice 1/4 of pie	12.6
Currants, red and white, raw	1.0 cups	12.3
Candies, confectioner's coating, peanut butter	1.0 cups chips	12.3
Margarine-like, margarine-butter blend, soybean oil and	1.0 tbsp	12.2
Carrots, canned, no salt added, solids and liquids	0.5 cups slices	12.1
Beans, pink, mature seeds, raw	1.0 cups	12
,		
Loganberries, frozen	1.0 cups, unthawed	11.5
Carrots, frozen, unprepared (Includes foods for USDA's		
Food Distribution Program)	0.5 cups slices	11.3
Crackers, standard snack-type, regular	5.0 crackers	11.1
Beans, black, mature seeds, raw	1.0 cups	10.9
Lima beans, immature seeds, cooked, boiled, drained,	1.0 cups	10.5
Squash, summer, crookneck and straightneck, frozen,		
cooked, boiled, drained, without salt	1.0 cups slices	10.4
Boysenberries, frozen, unsweetened	1.0 cups, unthawed	10.3
Oil, canola	1.0 tbsp	10
Cookies, chocolate sandwich, with creme filling, regular	3.0 cookie	9.9
Lima beans, immature seeds, frozen, baby, cooked, boiled,		
drained, without salt	1.0 cups	9.4
Tomato products, canned, sauce, with onions, green		
peppers, and celery	1.0 cups	9.2
Tomato products, canned, puree, with salt added	1.0 cups	8.5
Tomato products, canned, puree, without salt added	1.0 cups	8.5
Lima beans, immature seeds, frozen, fordhook, unprepared	1.0 cups	8.5
Salad dressing, sesame seed dressing, regular	1.0 tablespoon	8.4
Figs, canned, water pack, solids and liquids	1.0 cups	8.2
Oil, olive, salad or cooking	1.0 tablespoon	8.1
	6.0 cracker 1	
Crackers, cheese, sandwich-type with cheese filling	cracker = 6.5g	8
Infant formula, ABBOTT NUTRITION, SIMILAC, GO AND		
GROW, ready-to-feed, with ARA and DHA	5.0 fl oz	8
Biscuits, plain or buttermilk, dry mix	1.0 cups, purchased	7.8
Sorghum flour, whole-grain	1.0 cups	7.7
Cream puff, eclair, custard or cream filled, iced	4.0 oz	7.6
Squash, summer, zucchini, includes skin, cooked, boiled,	1.0	
drained, without salt	1.0 cups, sliced	7.6
Apricots, canned, heavy syrup, drained	1.0 cups, halves	7.2
Soup, chicken gumbo, canned, condensed	0.5 cups (4 fl oz)	7.2
Fast Foods, biscuit, with egg and sausage	1.0 item	7.1
Mangos, raw	1.0 cups pieces	6.9
Cereals ready-to-eat, granola, homemade	1.0 cups	6.5
Fast foods, biscuit, with egg and bacon	1.0 biscuit	6.5

Fruit cocktail, (peach and pineapple and pear and grape		
and cherry), canned, heavy syrup, solids and liquids	1.0 cups	6.4
Salad dressing, mayonnaise, imitation, soybean	1.0 tbsp	6.3
G. Y	1.0 cups, chopped	
Turkey, all classes, back, meat and skin, cooked, roasted	or diced	6.3
Snacks, potato sticks	1.0 oz	6.3
Tomatoes, red, ripe, canned, packed in tomato juice	1.0 cups	6.2
Salad dressing, mayonnaise type, regular, with salt	1.0 tbsp	6.2
Pears, raw	1.0 cups, slices	6.2
	1.0 serving	
	(approximate	
Bread, salvadoran sweet cheese (quesadilla salvadorena)	serving size)	6.2
Soup, chicken, canned, chunky, ready-to-serve	1.0 cups	6.1
Tomatoes, red, ripe, canned, stewed	1.0 cups	6.1
Beans, black turtle, mature seeds, cooked, boiled, without	1.0 cups	6.1
	1.0 potato large (3"	
Potatoes, Russet, flesh and skin, baked	to 4-1/4" dia.	6
Fish, tuna, white, canned in oil, drained solids	3.0 oz	5.9
Apricots, canned, heavy syrup pack, with skin, solids and	1.0 cups, halves	5.7
Chicken, broilers or fryers, drumstick, meat and skin,	1.0 cups, chopped	
cooked, stewed	or diced	5.6
Tomato juice, canned, with salt added	1.0 cups	5.6
Tomato juice, canned, without salt added	1.0 cups	5.6
	11.0 crackers (1	
Crackers, cream, Gamesa Sabrosas	NLEA serving)	5.5
Beans, black turtle, mature seeds, canned	1.0 cups	5.5
Seeds, pumpkin and squash seed kernels, roasted, with salt	1.0 cups	5.3
Potatoes, mashed, dehydrated, flakes without milk, dry	1.0 cups	5.2
Sweet potato, canned, syrup pack, drained solids	1.0 cups	5.1
	16.0 crackers 1	
Crackers, wheat, regular	serving	4.8
Currants, zante, dried	1.0 cups	4.8
Soup, black bean, canned, condensed	1.0 cups (8 fl oz)	4.6
Snacks, potato chips, barbecue-flavor	1.0 oz	4.6
	1.0 fruit (2-1/2"	
Persimmons, japanese, raw	dia)	4.4
Cookies, chocolate chip, commercially prepared, regular,		
higher fat, enriched	1.0 cookie	4.3
	1.0 cups, halves or	
Peaches, canned, light syrup pack, solids and liquids	slices	4.3
Dessert topping, powdered	1.0 oz	4.3
Seeds, sunflower seed kernels, oil roasted, without salt	1.0 cups	4.2
	1.0 cups, halves or	
Peaches, canned, water pack, solids and liquids	slices	4.1
Salad dressing, thousand island dressing, reduced fat	1.0 tablespoon	4.1
Muffin, blueberry, commercially prepared, low-fat	1.0 muffin small	4
Infant formula, ABBOTT NUTRITION, SIMILAC, For Spit Up,		
powder, with ARA and DHA	1.0 scoop	3.9
Cranberry sauce, canned, sweetened	1.0 cups	3.9

Soup, tomato, canned, condensed, reduced sodium	1.0 serving 1/2 cups	3.9
Dessert topping, pressurized	1.0 cups	3.9
Cheese food, pasteurized process, American, vitamin D	1.0 cups	3.8
Cream, fluid, heavy whipping	1.0 cups, whipped	3.8
Snacks, fruit leather, rolls	1.0 large	3.8
Papayas, raw	1.0 cups 1" pieces	3.8
Spices, marjoram, dried	1.0 tsp	3.7
Biscuits, plain or buttermilk, refrigerated dough, higher fat	1.0 biscuit	3.6
Cherries, sweet, canned, water pack, solids and liquids	1.0 cups, pitted	3.5
Salad dressing, mayonnaise, soybean and safflower oil,	1.0 tablespoon	3.4
Toaster pastries, fruit, toasted (include apple, blueberry,		
cherry, strawberry)	1.0 pastry	3.4
Oil, soybean, salad or cooking, (partially hydrogenated) and	, ,	
cottonseed	1.0 tablespoon	3.4
Oil, cocoa butter	1.0 tablespoon	3.4
Oat flour, partially debranned	1.0 cups	3.3
Chicken, broilers or fryers, leg, meat and skin, cooked,	3.0 oz	3.3
Cheese, muenster	1.0 cups, diced	3.3
Cheese, mexican, queso chihuahua	1.0 cups, diced	3.3
Squash, winter, hubbard, baked, with salt	1.0 cups, cubes	3.3
Barley flour or meal	1.0 cups	3.3
Fast foods, croissant, with egg, cheese, and ham	1.0 item	3.3
Sausage, pork and turkey, pre-cooked	1.0 serving	3.2
Focaccia, Italian flatbread, plain	1.0 piece	3.2
Cream, fluid, light whipping	1.0 cups, whipped	3.2
Cheese, cheddar (Includes foods for USDA's Food	1 / 11	
Distribution Program)	1.0 cups, diced	3.2
Potatoes, mashed, dehydrated, prepared from flakes		
without milk, whole milk and butter added	1.0 cups	3.1
Cookies, shortbread, commercially prepared, plain	1.0 oz	3.1
Croissants, cheese	1.0 oz	3.1
Cheese, pasteurized process, swiss	1.0 cups, diced	3.1
Fast foods, croissant, with egg, cheese, and sausage	1.0 sandwich	3.1
30, 1 1111	1.0 large (2-1/2"	
Figs, raw	dia)	3
Pie, blueberry, commercially prepared	1.0 oz	3
Cheese, provolone	1.0 cups, diced	2.9
	1.0 cups, with pits,	
Cherries, sweet, raw	yields	2.9
Apricots, dried, sulfured, stewed, without added sugar	1.0 cups, halves	2.8
Cake, snack cakes, creme-filled, sponge	1.0 oz	2.7
Chicken, broilers or fryers, back, meat only, raw	4.0 oz	2.7
,		2-17
Cheese, feta	1.0 cups, crumbled	2.7
Candies, NESTLE, 100 GRAND Bar	1.0 bar (1.5 oz)	2.7
Danish pastry, cinnamon, enriched	1.0 oz	2.7
2 state of the sta	1.0 medium (2" dia,	2.7
Sweet potato, cooked, baked in skin, flesh, with salt	5" long, raw)	2.6
officer potato, cookea, bakea in skin, ficsil, with sait	J IONS, IUW/	2.0

Snacks, potato chips, fat free, salted	1.0 oz	2.6
Cheese, mozzarella, whole milk	1.0 cups, shredded	2.6
Egg, whole, cooked, fried	1.0 large	2.6
Crackers, saltines, whole wheat (includes multi-grain)	1.0 serving	2.6
Cheese spread, pasteurized process, American	1.0 cups, diced	2.5
Burdock root, cooked, boiled, drained, without salt	1.0 cups (1" pieces)	2.5
Bread, whole-wheat, commercially prepared	1.0 slice	2.5
Bread, stuffing, cornbread, dry mix, prepared	1.0 oz	2.5
Cookies, sugar, commercially prepared, regular (includes	1.0 oz	2.4
Squash, winter, hubbard, cooked, boiled, mashed, with salt	1.0 cups, mashed	2.4
	1.0 serving 28	
Candies, dark chocolate coated coffee beans	pieces	2.4
Squash, winter, hubbard, cooked, boiled, mashed, without	1.0 cups, mashed	2.4
Cherries, sour, red, frozen, unsweetened (Includes foods		
for USDA's Food Distribution Program)	1.0 cups, unthawed	2.3
Garlic, raw	1.0 cups	2.3
Cookies, oatmeal, commercially prepared, regular	1.0 oz	2.3
Candies, chocolate, dark, NFS (45-59% cacao solids 90%; 60-		
69% cacao solids 5%; 70-85% cacao solids 5%)	1.0 oz	2.3
Infant formula, ABBOTT NUTRITION, SIMILAC, Expert Care,		
Diarrhea, ready- to- feed with ARA and DHA	1.0 fl oz	2.2
Arugula, raw	1.0 leaf	2.2
Dessert topping, powdered, 1.5 ounce prepared with 1/2	1.0 cups	2.2
Bread, white wheat	1.0 slice	2.2
Pie, cherry, commercially prepared	1.0 oz	2.2
Infant formula, MEAD JOHNSON, ENFAMIL, Premature,		
with iron, 24 calories, ready-to-feed	1.0 fl oz	2.1
	1.0 unit (yield from	
	1 lb ready-to-cook	
Chicken, broilers or fryers, light meat, meat only, raw	chicken)	2.1
Pancakes, plain, frozen, ready-to-heat, microwave (includes		
buttermilk)	1.0 oz	2.1
Tortillas, ready-to-bake or -fry, flour, shelf stable	1.0 tortilla	2.1
Squash, winter, butternut, cooked, baked, without salt	1.0 cups, cubes	2
Chocolate, dark, 60-69% cacao solids	1.0 oz	2
Chicken, broilers or fryers, meat and skin, cooked, fried,	3.0 oz	2
Soup, beef noodle, canned, condensed	0.5 cups	2
Spices, curry powder	1.0 tsp	2
Cookies, oatmeal, commercially prepared, special dietary	1.0 oz	2
Danish pastry, cheese	1.0 oz	2
Candies, NESTLE, BUTTERFINGER Crisp	1.0 piece	1.9
Candies, MARS SNACKFOOD US, M & M's Milk Chocolate	1.0 package (1.69	
Candies	oz)	1.9
Ice creams, vanilla, light, no sugar added	1.0 serving 1/2 cups	1.9
Bread, cornbread, dry mix, prepared with 2% milk, 80%	1.0 361 VIII8 1/2 Cups	1.9
margarine, and eggs	1.0 muffin	1.9
margarine, and eggs	1.0 111011111	1.9

Oil, sesame, salad or cooking	1.0 tablespoon	1.8
Cereals ready-to-eat, POST, HONEY BUNCHES OF OATS with	·	
vanilla bunches	serving)	1.8
Cheese, swiss	1.0 cups, diced	1.8
Beef, tenderloin, steak, separable lean and fat, trimmed to		
1/8" fat, select, raw	4.0 oz	1.8
Beef, loin, top loin, separable lean and fat, trimmed to 1/8"		
fat, select, raw	4.0 oz	1.8
Infant formula, GERBER, GOOD START 2 Soy, with iron,	1.0 fl oz	1.8
Pie, banana cream, prepared from recipe	1.0 oz	1.8
Cookies, chocolate sandwich, with extra creme filling	1.0 oz	1.8
	1.0 serving 2.13 oz	
Candies, MARS SNACKFOOD US, 3 MUSKETEERS Bar	bar	1.7
Potatoes, boiled, cooked without skin, flesh, with salt	0.5 cups	1.7
Potatoes, boiled, cooked without skin, flesh, without salt	0.5 cups	1.7
Cheese, mozzarella, low moisture, part-skim	1.0 cups, diced	1.7
Cheese, parmesan, grated	1.0 cups	1.7
Mollusks, oyster, eastern, wild, cooked, moist heat	3.0 oz	1.7
Beef, brisket, flat half, boneless, separable lean and fat,		
trimmed to 0" fat, choice, raw	4.0 oz	1.7
Beef, ribeye cap steak, boneless, separable lean only,		
trimmed to 0" fat, choice, raw	4.0 oz	1.7
Beef, short loin, porterhouse steak, separable lean and fat,		
trimmed to 1/8" fat, choice, raw	4.0 oz	1.7
Beef, top loin petite roast/filet, boneless, separable lean		
and fat, trimmed to 1/8" fat, all grades, raw	4.0 oz	1.7
Beef, chuck eye roast, boneless, America's Beef Roast,		
separable lean and fat, trimmed to 0" fat, all grades, raw	4.0 oz	1.7
Beef, ribeye petite roast/filet, boneless, separable lean		
only, trimmed to 0" fat, select, raw	4.0 oz	1.7
Passion-fruit, (granadilla), purple, raw	1.0 cups	1.7
Nabisco, Nabisco Ritz Crackers	1.0 cracker	1.6
Cookies, fig bars	1.0 oz	1.6
Fish, tilapia, raw	1.0 fillet	1.6
Nuts, mixed nuts, oil roasted, with peanuts, lightly salted	1.0 oz	1.6
Chicken, stewing, meat and skin, and giblets and neck,		
cooked, stewed	3.0 oz	1.6
Infant Formula, GERBER GOOD START 2, GENTLE PLUS,	1.0 fl oz	1.6
Infant formula, ABBOTT NUTRITION, SIMILAC, For Spit Up,		
ready-to-feed, with ARA and DHA	1.0 fl oz	1.6
Infant formula, GERBER, GOOD START 2, PROTECT PLUS,		
ready-to-feed	1.0 fl oz	1.6
Cookies, molasses	1.0 oz	1.6
Cookies, chocolate sandwich, with creme filling, special	1.0 oz	1.5
Candies, 5TH AVENUE Candy Bar	1.0 bar 2 oz	1.5
Radishes, raw	1.0 cups slices	1.5
Potatoes, flesh and skin, raw	0.5 cups, diced	1.5
Frostings, coconut-nut, ready-to-eat	0.08 package	1.5

	0.5 cups (1 NLEA	
Cereals, QUAKER, QUAKER MultiGrain Oatmeal, dry	serving)	1.5
Applesauce, canned, sweetened, without salt	1.0 cups	1.5
Lime juice, raw	1.0 cups	1.5
Snacks, corn-based, extruded, onion-flavor	1.0 oz	1.4
Beef, tenderloin, steak, separable lean and fat, trimmed to		
1/8" fat, all grades, cooked, broiled	3.0 oz	1.4
Bread, wheat	1.0 slice	1.4
Cookies, vanilla sandwich with creme filling	1.0 oz	1.4
	1.0 unit (yield from	
	1 lb ready-to-cook	
Chicken, broilers or fryers, back, meat and skin, raw	chicken)	1.4
Cookies, chocolate chip, commercially prepared, regular,	1.0 serving 3	
lower fat	cookies	1.4
Cheese, ricotta, whole milk	0.5 cups	1.4
Beef, round, top round, steak, separable lean and fat,		
trimmed to 1/8" fat, choice, cooked, broiled	3.0 oz	1.4
Beef, chuck, short ribs, boneless, separable lean only,		
trimmed to 0" fat, choice, cooked, braised	3.0 oz	1.4
Beef, top sirloin, steak, separable lean and fat, trimmed to		
1/8" fat, choice, cooked, broiled	3.0 oz	1.4
Beef, loin, top sirloin petite roast, boneless, separable lean		
only, trimmed to 0" fat, select, cooked, roasted	3.0 oz	1.4
Beef, flank, steak, separable lean and fat, trimmed to 0"		
fat, all grades, raw	4.0 oz	1.4
Crackers, standard snack-type, sandwich, with peanut	0.5 oz	1.3
Crackers, cheese, regular	0.5 oz	1.3
	1.0 serving 2.1 oz	
Candies, NESTLE, BUTTERFINGER Bar	bar	1.3
Mollusks, oyster, eastern, wild, cooked, dry heat	3.0 oz	1.3
Beef, round, top round steak, boneless, separable lean and		
fat, trimmed to 0" fat, choice, cooked, grilled	3.0 oz	1.3
Beef, brisket, flat half, separable lean and fat, trimmed to		
0" fat, select, cooked, braised	3.0 oz	1.3
Pasta, whole-wheat, dry (Includes foods for USDA's Food		4.0
Distribution Program)	1.0 cups spaghetti	1.3
Cookies, peanut butter, commercially prepared, regular	1.0 oz	1.2
Cake, cheesecake, commercially prepared	1.0 oz	1.2
Cereals, oats, instant, fortified, with raisins and spice,		4.0
prepared with water	1.0 cups	1.2
Beef, round, top round steak, boneless, separable lean and	2.0	4.2
fat, trimmed to 0" fat, all grades, cooked, grilled	3.0 oz	1.2
Beef, top sirloin, steak, separable lean only, trimmed to 0"	2.0	1.0
fat, choice, cooked, broiled	3.0 oz	1.2
Crackers, standard snack-type, sandwich, with cheese filling		1.2
Biscuits, plain or buttermilk, frozen, baked	1.0 oz	1.2
Pie, fried pies, fruit	1.0 oz	1.2
Cream, whipped, cream topping, pressurized	1.0 cups	1.1

Cheese substitute, mozzarella	1.0 cups, shredded	1.1
Cookies, peanut butter sandwich, regular	1.0 oz	1.1
Beef, loin, bottom sirloin butt, tri-tip roast, separable lean		
only, trimmed to 0" fat, all grades, cooked, roasted	3.0 oz	1.1
Breadfruit, raw	1.0 cups	1.1
Croutons, seasoned	0.5 oz	1.1
Salad dressing, russian dressing, low calorie	1.0 tablespoon	1.1
Cheese, pasteurized process, American, fortified with	1.0 oz	1
Orange juice, frozen concentrate, unsweetened, undiluted	1.0 cups	1
Cake, coffeecake, cinnamon with crumb topping, dry mix,	1.0 oz	1
Fast foods, english muffin, with egg, cheese, and canadian	1.0 sandwich	1
	1.0 slice (average	
Bread, pan dulce, sweet yeast bread	weight of 1 slice)	1
Potatoes, baked, skin, without salt	1.0 skin	1
Oil, safflower, salad or cooking, linoleic, (over 70%)	1.0 tbsp	1
Bread, white, commercially prepared, toasted	1.0 oz	1
Mountain yam, hawaii, raw	0.5 cups, cubes	1
Beef, ground, 90% lean meat / 10% fat, patty, cooked,	3.0 oz	0.9
Beerwurst, pork and beef	1.0 serving 2 oz	0.9
Cheese, ricotta, part skim milk	0.5 cups	0.9
Soup, cream of chicken, canned, condensed, reduced	0.5 cups	0.9
Pork sausage, link/patty, fully cooked, unheated	1.0 link	0.9
Pancakes, buckwheat, dry mix, incomplete	1.0 oz	0.9
Candies, MARS SNACKFOOD US, STARBURST Fruit Chews,	1.0 serving fun size	
Original fruits	(8 chews)	0.8
Spices, cinnamon, ground	1.0 tsp	0.8
Eggnog	1.0 cups	0.8
Litchis, raw	1.0 cups	0.8
Oil, sunflower, high oleic (70% and over)	1.0 tbsp	0.8
Cookies, sugar wafers with creme filling, regular	3.0 cookies	0.8
Pears, canned, light syrup pack, solids and liquids	1.0 cups, halves	0.8
Milk, chocolate, fluid, commercial, whole, with added		
vitamin A and vitamin D	1.0 cups	0.8
Cookies, sugar wafer, with creme filling, sugar free	1.0 oz	0.7
Cereals ready-to-eat, POST, Shredded Wheat, original	1.0 cups (1 NLEA	
spoon-size	serving)	0.7
Beerwurst, beer salami, pork and beef	2.0 oz	0.7
Candies, truffles, prepared-from-recipe	1.0 piece	0.7
Chocolate-flavored hazelnut spread	1.0 serving 2 TBSP	0.7
Cheese, blue	1.0 oz	0.7
Cookies, chocolate wafers	1.0 oz	0.7
Cake, cherry fudge with chocolate frosting	1.0 oz	0.7
Snacks, oriental mix, rice-based	1.0 oz	0.7
Egg, whole, cooked, omelet	1.0 tbsp	0.7
Apples, raw, without skin	1.0 cups slices	0.7
Cereals ready-to-eat, POST, Shredded Wheat, original big	2.0 biscuits (1 NLEA	
biscuit	serving)	0.7

Game meat, deer, loin, separable lean only, 1" steak,		
cooked, broiled	1.0 steak	0.6
Onions, raw	1.0 cups, chopped	0.6
Candies, caramels, chocolate-flavor roll	1.0 piece	0.6
Onions, frozen, whole, cooked, boiled, drained, without	1.0 cups	0.6
Cheese, camembert	1.0 oz	0.6
Bologna, meat and poultry	1.0 slice	0.6
Soup, pea, green, canned, condensed	0.5 cups	0.5
Croissants, butter	1.0 oz	0.5
Cream, fluid, light (coffee cream or table cream)	1.0 fl oz	0.5
Milk, chocolate, fluid, commercial, reduced fat, with added		
vitamin A and vitamin D	1.0 cups	0.5
Corn, sweet, yellow, frozen, kernels cut off cob, boiled,		
drained, without salt	1.0 cups	0.5
Soup, onion, canned, condensed	0.5 cups (4 fl oz)	0.5
Beets, canned, regular pack, solids and liquids	1.0 cups	0.5
Sour dressing, non-butterfat, cultured, filled cream-type	1.0 tbsp	0.5
Cheese, neufchatel	1.0 oz	0.5
Bread, oatmeal, toasted	1.0 oz	0.5
Braunschweiger (a liver sausage), pork	1.0 oz	0.5
Candies, fudge, chocolate, with nuts, prepared-from-recipe	1.0 oz	0.5
Cheese, cottage, creamed, with fruit	4.0 oz	0.5
Chicken, skin (drumsticks and thighs), raw	4.0 oz	0.5
Bacon and beef sticks	1.0 oz	0.4
Sausage, turkey, hot, smoked	2.0 oz	0.4
Onions, sweet, raw	1.0 NLEA serving	0.4
Puddings, chocolate, dry mix, regular, prepared with whole	0.5 cups	0.4
Wheat flour, white, bread, enriched	1.0 cups	0.4
Corn, sweet, yellow, frozen, kernels cut off cob,	·	
unprepared (Includes foods for USDA's Food Distribution	1.0 cups	0.4
Spices, turmeric, ground	1.0 tsp	0.4
	1.0 cups spiral	
Macaroni, vegetable, enriched, cooked	shaped	0.4
Snacks, tortilla chips, ranch-flavor	1.0 oz	0.4
Cream, fluid, half and half	1.0 fl oz	0.4
	0.75 cups (1 NLEA	
Cereals ready-to-eat, QUAKER, QUAKER OAT LIFE, plain	serving)	0.4
	0.33 package (10	
Onions, frozen, whole, unprepared	oz)	0.4
Soup, chicken with rice, canned, condensed	0.5 cups	0.4
	0.75 cups (1 NLEA	
Cereals ready-to-eat, POST, COCOA PEBBLES	serving)	0.4
Wheat flour, white, all-purpose, unenriched	1.0 cups	0.4
	1.0 oz crunchy	
Snacks, corn-based, extruded, puffs or twists, cheese-flavor	(about 21 pieces)	0.4
Bread, protein (includes gluten)	1.0 oz	0.4
Cornmeal, whole-grain, white	1.0 cups	0.4
	1.0 pat (1" sq, 1/3"	
Butter, salted	high)	0.3

Bread, rye	1.0 oz	0.3
Bread, oat bran	1.0 oz	0.3
	10	
Yogurt, plain, whole milk	1.0 container (6 oz)	0.3
Yogurt, plain, low fat	1.0 container (6 oz)	0.3
Bread, stuffing, dry mix	1.0 oz	0.3
Chicken, broilers or fryers, separable fat, raw	1.0 tbsp	0.3
Cheese, cream	1.0 tbsp	0.3
Candies, MOUNDS Candy Bar	1.0 bar snack size	0.3
	1.0 cups (1 NLEA	
Cereals ready-to-eat, QUAKER, QUAKER Puffed Wheat	serving)	0.3
Fish, herring, Atlantic, pickled	1.0 cups	0.3
Beets, raw	1.0 cups	0.3
Popcorn, sugar syrup/caramel, fat-free	1.0 oz	0.3
Tamarind nectar, canned	1.0 cups	0.3
Milk, reduced fat, fluid, 2% milkfat, protein fortified, with		
added vitamin A and vitamin D	1.0 cups	0.2
Cereals, CREAM OF WHEAT, instant, prepared with water,		
without salt	1.0 cups	0.2
Bagels, plain, enriched, with calcium propionate (includes	1.0 mini bagel (2-	
onion, poppy, sesame), toasted	1/2" dia)	0.2
Gravy, beef, canned, ready-to-serve	1.0 cups	0.2
Frostings, glaze, chocolate, prepared-from-recipe, with	·	
butter, NFSMI Recipe No. C-32	2.0 tablespoon	0.2
Milk, canned, condensed, sweetened	1.0 fl oz	0.2
	1.0 serving 4 oz	
Puddings, rice, ready-to-eat	pudding cups	0.2
Grapefruit juice, white, frozen concentrate, unsweetened,		
undiluted	1.0 can (6 fl oz)	0.2
Egg, yolk, raw, frozen, sugared, pasteurized	1.0 oz	0.2
Bagels, plain, enriched, with calcium propionate (includes		
onion, poppy, sesame)	1.0 bagel	0.2
	1.0 cups (1 NLEA	
Cereals ready-to-eat, POST, Honeycomb Cereal	serving)	0.2
Onions, dehydrated flakes	1.0 tbsp	0.2
Noodles, egg, dry, unenriched	1.0 cups	0.2
	0.75 cups (1 NLEA	
Cereals ready-to-eat, BARBARA'S PUFFINS, original	serving)	0.2
Rice, white, long-grain, regular, raw, unenriched	1.0 cups	0.2
Cream, sour, cultured	1.0 tbsp	0.2
Puddings, chocolate, ready-to-eat	1.0 oz	0.2
Bread, reduced-calorie, white	1.0 oz	0.2
Yogurt, fruit, low fat,9 g protein/8 oz	1.0 container (6 oz)	0.2
Milk, canned, evaporated, with added vitamin D and		
without added vitamin A	1.0 fl oz	0.2
Turnips, frozen, cooked, boiled, drained, without salt	1.0 cups	0.2
Egg, whole, cooked, poached	1.0 large	0.1
-00,	101 00	0.1

Mollusks, mussel, blue, raw	1.0 cups	0.1
Egg, whole, raw, fresh	1.0 large	0.1
Whey, sweet, dried	1.0 cups	0.1
Bread, french or vienna, toasted (includes sourdough)	1.0 oz	0.1
Fish, flatfish (flounder and sole species), cooked, dry heat	1.0 fillet	0.1
Milk, buttermilk, dried	0.25 cups	0.1
	1.0 pita, large (6-	
Bread, pita, white, enriched	1/2" dia)	0.1
Olives, ripe, canned (small-extra large)	1.0 tbsp	0.1
Alcoholic beverage, wine, table, white	1.0 fl oz	0.1
Papaya, canned, heavy syrup, drained	1.0 piece	0.1
Cheese, cottage, lowfat, 1% milkfat	4.0 oz	0.1
Puddings, chocolate, ready-to-eat, fat free	1.0 serving 4 oz	0.1
Spices, mustard seed, ground	1.0 tsp	0.1
	1.0 mini bagel (2-	
Bagels, oat bran	1/2" dia)	0.1
Pasta, dry, unenriched	1.0 cups spaghetti	0.1
Pasta, dry, enriched	1.0 cups spaghetti	0.1
Cereals ready-to-eat, NATURE'S PATH, Organic FLAX PLUS	0.75 cups (1 NLEA	
flakes	serving)	0.1
Cream, sour, reduced fat, cultured	1.0 tbsp	0.1
Cracker, meal	1.0 oz	0.1
Nuts, coconut meat, dried (desiccated), not sweetened	1.0 oz	0.1
Fish, haddock, raw	3.0 oz	0.1
Mollusks, octopus, common, raw	3.0 oz	0.1
Fish, swordfish, cooked, dry heat	3.0 oz	0.1
Fish, mackerel, spanish, raw	3.0 oz	0.1
Fish, salmon, pink, canned, drained solids	3.0 oz	0.1
Fish, cod, Atlantic, canned, solids and liquid	3.0 oz	0.1
Frozen novelties, No Sugar Added, FUDGSICLE pops	1.0 serving	0.1
	0.75 cups (1 NLEA	
Cereals ready-to-eat, QUAKER, QUAKER CRUNCHY BRAN	serving)	0.1
Soup, chicken noodle, dry, mix	1.0 packet	0.1
Fish, trout, rainbow, farmed, cooked, dry heat	1.0 fillet	0.1
Cereals, CREAM OF WHEAT, instant, dry	1.0 tbsp	0.1
Milk shakes, thick chocolate	1.0 fl oz	0.1
Cake, sponge, commercially prepared	1.0 oz	0.1
Bread, reduced-calorie, wheat	1.0 oz	0.1
Fish, ocean perch, Atlantic, cooked, dry heat	1.0 fillet	0.1
	1.0 piece (1/12 of	
Cake, angelfood, dry mix, prepared	10" dia)	0.1