

USDA National Nutrient Database for Standard Reference, Release 24

Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
13327	Beef, variety meats and by-products, liver, cooked, pan-fried	85	3 oz	355.5
01095	Milk, canned, condensed, sweetened	306	1 cup	272.6
05022	Chicken, broilers or fryers, giblets, cooked, simmered	145	1 cup	258.2
05172	Turkey, all classes, giblets, cooked, simmered, some giblet fat	145	1 cup	227.4
21005	Fast Foods, biscuit, with egg and sausage	180	1 biscuit	176.2
15086	Fish, salmon, sockeye, cooked, dry heat	155	1/2 fillet	174.7
01123	Egg, whole, raw, fresh	58	1 extra large	170.4
01129	Egg, whole, cooked, hard-boiled	50	1 large	146.9
01123	Egg, whole, raw, fresh	50	1 large	146.9
01128	Egg, whole, cooked, fried	46	1 large	145.9
07014	Braunschweiger (a liver sausage), pork	56.7	2 slices	145.1
05142	Duck, domesticated, meat only, cooked, roasted	221	1/2 duck	143.7
01125	Egg, yolk, raw, fresh	16.6	1 large	136.2
01132	Egg, whole, cooked, scrambled	61	1 large	134.8
01057	Eggnog	254	1 cup	132.6
01123	Egg, whole, raw, fresh	44	1 medium	129.3
21021	Fast foods, english muffin, with egg, cheese, and canadian bacon	137	1 muffin	127.8
18101	Cake, chocolate, prepared from recipe without frosting	95	1 piece	122.0
17095	Veal, leg (top round), separable lean and fat, cooked, braised	85	3 oz	120.0
15037	Fish, halibut, Atlantic and Pacific, cooked, dry heat	159	1/2 fillet	119.4
15034	Fish, haddock, cooked, dry heat	150	1 fillet	119.4
15071	Fish, rockfish, Pacific, mixed species, cooked, dry heat	149	1 fillet	117.3
01131	Egg, whole, cooked, poached	50	1 large	117.1
05168	Turkey, all classes, meat only, cooked, roasted	140	1 cup	115.5
05180	Turkey, all classes, neck, meat only, cooked, simmered	152	1 neck	114.6
23605	Beef, round, bottom round, steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, braised	85	3 oz	111.2
15141	Crustaceans, crab, blue, canned	135	1 cup	109.2
13869	Beef, round, bottom round, steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, braised	85	3 oz	106.1
15029	Fish, flatfish (flounder and sole species), cooked, dry heat	127	1 fillet	101.5
11546	Tomato products, canned, paste, without salt added	262	1 cup	100.9
13382	Beef, chuck, blade roast, separable lean only, trimmed to 0" fat, all grades, cooked, braised	85	3 oz	100.6
16011	Beans, baked, canned, with pork and tomato sauce	253	1 cup	99.2
23598	Beef, round, eye of round, roast, separable lean only, trimmed to 1/8" fat, all grades, cooked, roasted	85	3 oz	96.2
15086	Fish, salmon, sockeye, cooked, dry heat	85	3 oz	95.8
23610	Beef, top sirloin, steak, separable lean only, trimmed to 1/8" fat, all grades, cooked, broiled	85	3 oz	95.3
10078	Pork, fresh, shoulder, arm picnic, separable lean only, cooked, braised	85	3 oz	94.3
10176	Pork, fresh, loin, center loin (chops), bone-in, separable lean only, cooked, pan-fried	85	3 oz	94.0
17027	Lamb, domestic, loin, separable lean only, trimmed to 1/4" fat, choice, cooked, broiled	85	3 oz	92.1
10205	Pork, fresh, loin, country-style ribs, separable lean and fat, cooked, braised	85	3 oz	92.0
13878	Beef, round, eye of round, roast, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85	3 oz	91.6
21114	Fast foods, hamburger; double, large patty; with condiments and vegetables	226	1 sandwich	91.5
15160	Mollusks, clam, mixed species, canned, drained solids	85	3 oz	91.3

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NDB_No	Description	Weight (g)	Common Measure	Content per Measure
14347	Shake, fast food, vanilla	333	16 fl oz	90.9
05277	Chicken, canned, meat only, with broth	142	5 oz	90.9
05058	Chicken, broilers or fryers, breast, meat and skin, cooked, fried, batter	140	1/2 breast	90.7
16008	Beans, baked, canned, with franks	259	1 cup	90.4
17014	Lamb, domestic, leg, whole (shank and sirloin), separable lean only, trimmed to 1/4" fat, choice, cooked, roasted	85	3 oz	89.2
15041	Fish, herring, Atlantic, pickled	85.05	3 oz	88.5
10075	Pork, fresh, shoulder, arm picnic, separable lean and fat, cooked, braised	85	3 oz	87.9
13930	Beef, top sirloin, steak, separable lean and fat, trimmed to 1/8" fat, all grades, cooked, broiled	85	3 oz	87.3
10179	Pork, fresh, loin, center loin (chops), bone-in, separable lean and fat, cooked, pan-fried	85	3 oz	87.1
10153	Pork, cured, ham, whole, separable lean only, roasted	85	3 oz	86.6
10011	Pork, fresh, leg (ham), whole, separable lean only, cooked, roasted	85	3 oz	85.9
13818	Beef, chuck, blade roast, separable lean and fat, trimmed to 1/8" fat, choice, cooked, braised	85	3 oz	85.3
14346	Shake, fast food, chocolate	333	16 fl oz	85.2
10089	Pork, fresh, spareribs, separable lean and fat, cooked, braised	85	3 oz	84.9
10051	Pork, fresh, loin, center rib (roasts), bone-in, separable lean only, cooked, roasted	85	3 oz	84.2
21082	Fast foods, taco with beef, cheese and lettuce, hard shell	263	1 large	84.2
21059	Fast foods, shrimp, breaded and fried	164	6-8 shrimp	83.0
11658	Spinach souffle	136	1 cup	83.0
15111	Fish, swordfish, cooked, dry heat	106	1 piece	82.2
17012	Lamb, domestic, leg, whole (shank and sirloin), separable lean and fat, trimmed to 1/4" fat, choice, cooked, roasted	85	3 oz	81.9
16109	Soybeans, mature cooked, boiled, without salt	172	1 cup	81.7
16038	Beans, navy, mature seeds, cooked, boiled, without salt	182	1 cup	81.4
01096	Milk, canned, evaporated, with added vitamin D and without added vitamin A	252	1 cup	80.1
16006	Beans, baked, canned, plain or vegetarian	254	1 cup	80.0
17024	Lamb, domestic, loin, separable lean and fat, trimmed to 1/4" fat, choice, cooked, broiled	85	3 oz	79.7
18257	Eclairs, custard-filled with chocolate glaze, prepared from recipe	100	1 eclair	79.6
10009	Pork, fresh, leg (ham), whole, separable lean and fat, cooked, roasted	85	3 oz	78.4
10047	Pork, fresh, loin, center rib (roasts), bone-in, separable lean and fat, cooked, roasted	85	3 oz	78.4
16058	Chickpeas (garbanzo beans, bengal gram), mature seeds, canned, solids and liquids	240	1 cup	78.2
16034	Beans, kidney, red, mature seeds, canned, solids and liquids	256	1 cup	78.1
15067	Fish, pollock, walleye, cooked, dry heat	85	3 oz	77.9
11196	Cowpeas (blackeyes), immature seeds, frozen, cooked, boiled, drained, without salt	170	1 cup	77.5
15150	Crustaceans, shrimp, mixed species, cooked, breaded and fried	85	3 oz	77.5
11164	Collards, frozen, chopped, cooked, boiled, drained, without salt	170	1 cup	76.7
13348	Beef, cured, corned beef, canned	85.05	3 oz	75.9
15077	Fish, salmon, chinook, smoked	85.05	3 oz	75.7
20005	Barley, pearled, raw	200	1 cup	75.6
15084	Fish, salmon, pink, canned, total can contents	85	3 oz	74.6
13826	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85	3 oz	73.7
13826	Beef, rib, whole (ribs 6-12), separable lean and fat, trimmed to 1/8" fat, all grades, cooked, roasted	85	3 oz	73.7

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05064	Chicken, broilers or fryers, breast, meat only, cooked, roasted	86	1/2 breast	73.4
15017	Fish, cod, Atlantic, canned, solids and liquid	85	3 oz	72.3
10151	Pork, cured, ham, whole, separable lean and fat, roasted	85	3 oz	71.7
16057	Chickpeas (garbanzo beans, bengal gram), mature seeds, cooked, boiled, without salt	164	1 cup	70.2
05186	Turkey, all classes, light meat, cooked, roasted	84	3 oz	70.1
23568	Beef, ground, 85% lean meat / 15% fat, patty, cooked, broiled	85	3 oz	70.0
10185	Pork, cured, ham, extra lean and regular, canned, roasted	85	3 oz	69.5
15152	Crustaceans, shrimp, mixed species, canned	85.05	3 oz	68.8
15140	Crustaceans, crab, blue, cooked, moist heat	85	3 oz	68.8
15148	Crustaceans, lobster, northern, cooked, moist heat	85	3 oz	68.8
23573	Beef, ground, 80% lean meat / 20% fat, patty, cooked, broiled	85	3 oz	68.7
15029	Fish, flatfish (flounder and sole species), cooked, dry heat	85	3 oz	67.9
15192	Fish, cod, Pacific, cooked, dry heat	85	3 oz	67.7
15034	Fish, haddock, cooked, dry heat	85	3 oz	67.7
23578	Beef, ground, 75% lean meat / 25% fat, patty, cooked, broiled	85	3 oz	67.4
11040	Lima beans, immature seeds, frozen, baby, cooked, boiled, drained, without salt	180	1 cup	67.0
15071	Fish, rockfish, Pacific, mixed species, cooked, dry heat	85	3 oz	66.9
15058	Fish, ocean perch, Atlantic, cooked, dry heat	85	3 oz	66.8
10193	Pork, fresh, backribs, separable lean and fat, cooked, roasted	85	3 oz	66.8
15221	Fish, tuna, yellowfin, fresh, cooked, dry heat	85	3 oz	66.0
15241	Fish, trout, rainbow, farmed, cooked, dry heat	85	3 oz	66.0
05188	Turkey, all classes, dark meat, cooked, roasted	84	3 oz	65.9
15111	Fish, swordfish, cooked, dry heat	85	3 oz	65.9
20011	Buckwheat flour, whole-groat	120	1 cup	65.0
16070	Lentils, mature seeds, cooked, boiled, without salt	198	1 cup	64.7
10042	Pork, fresh, loin, center loin (chops), bone-in, separable lean only, cooked, broiled	85	3 oz	64.6
01097	Milk, canned, evaporated, nonfat, with added vitamin A and vitamin D	256	1 cup	64.5
16086	Peas, split, mature seeds, cooked, boiled, without salt	196	1 cup	64.3
21102	Fast foods, chicken fillet sandwich, plain	182	1 sandwich	64.2
05306	Poultry food products, ground turkey, cooked	82	1 patty	64.1
15037	Fish, halibut, Atlantic and Pacific, cooked, dry heat	85	3 oz	63.8
15088	Fish, sardine, Atlantic, canned in oil, drained solids with bone	85.05	3 oz	63.8
21098	Fast foods, cheeseburger; single, large patty; with condiments and vegetables	219	1 sandwich	63.5
11099	Brussels sprouts, cooked, boiled, drained, without salt	156	1 cup	63.3
11091	Broccoli, cooked, boiled, drained, without salt	156	1 cup	62.6
10038	Pork, fresh, loin, center loin (chops), bone-in, separable lean and fat, cooked, broiled	85	3 oz	62.2
16010	Beans, baked, canned, with pork and sweet sauce	253	1 cup	62.0
11038	Lima beans, immature seeds, frozen, fordhook, cooked, boiled, drained, without salt	170	1 cup	61.7
16072	Lima beans, large, mature seeds, cooked, boiled, without salt	188	1 cup	61.1
11162	Collards, cooked, boiled, drained, without salt	190	1 cup	60.4
16043	Beans, pinto, mature seeds, cooked, boiled, without salt	171	1 cup	60.4
11138	Cauliflower, frozen, cooked, boiled, drained, without salt	180	1 cup	60.3
21106	Fast foods, fish sandwich, with tartar sauce and cheese	183	1 sandwich	59.7
16120	Soymilk, original and vanilla, unfortified	245	1 cup	57.8

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NDB_No	Description	Weight (g)	Common Measure	Content per Measure
11008	Artichokes, (globe or french), cooked, boiled, drained, without salt	168	1 cup	57.8
16103	Refried beans, canned, traditional style (includes USDA commodity)	252	1 cup	57.7
05028	Chicken, liver, all classes, cooked, simmered	19.6	1 liver	56.8
11672	Potato pancakes	76	1 pancake	56.4
18324	Pie, pecan, commercially prepared	113	1 piece	55.9
16063	Cowpeas, common (blackeyes, crowder, southern), mature seeds, cooked, boiled, without salt	172	1 cup	55.4
15157	Mollusks, clam, mixed species, raw	85	3 oz	55.3
15067	Fish, pollock, walleye, cooked, dry heat	60	1 fillet	55.0
21082	Fast foods, taco with beef, cheese and lettuce, hard shell	171	1 small	54.7
05296	Turkey roast, boneless, frozen, seasoned, light and dark meat, roasted	85.05	3 oz	54.6
15167	Mollusks, oyster, eastern, wild, raw	84	6 medium	54.6
11192	Cowpeas (blackeyes), immature seeds, cooked, boiled, drained, without salt	165	1 cup	54.3
16033	Beans, kidney, red, mature seeds, cooked, boiled, without salt	177	1 cup	54.0
11269	Mushrooms, shiitake, cooked, without salt	145	1 cup	53.4
07069	Salami, cooked, beef and pork	56.7	2 slices	53.0
11174	Corn, sweet, yellow, canned, cream style, regular pack	256	1 cup	52.0
11308	Peas, green (includes baby and lesuer types), canned, drained solids, unprepared	170	1 cup	51.3
01110	Milk shakes, thick chocolate	300	10.6 fl oz	51.0
09125	Grapefruit juice, white, frozen concentrate, unsweetened, undiluted	207	6-fl-oz can	50.7
19087	Candies, white chocolate	170	1 cup	50.2
22904	Chili con carne with beans, canned entree	222	1 cup	50.0
16112	Miso	68.75	1 cup	49.6
11136	Cauliflower, cooked, boiled, drained, without salt	124	1 cup	48.5
11464	Spinach, frozen, chopped or leaf, cooked, boiled, drained, without salt	190	1 cup	47.1
11176	Corn, sweet, yellow, canned, vacuum pack, regular pack	210	1 cup	47.0
19041	Snacks, pork skins, plain	28.35	1 oz	46.6
07029	Ham, sliced, regular (approximately 11% fat)	56.7	2 slices	46.4
21083	Fast foods, taco salad	198	1-1/2 cups	46.1
11226	Jerusalem-artichokes, raw	150	1 cup	45.0
01111	Milk shakes, thick vanilla	313	11 fl oz	44.8
11135	Cauliflower, raw	100	1 cup	44.3
11547	Tomato products, canned, puree, without salt added	250	1 cup	44.0
11313	Peas, green, frozen, cooked, boiled, drained, without salt	160	1 cup	44.0
11584	Vegetables, mixed, frozen, cooked, boiled, drained, without salt	182	1 cup	43.9
01088	Milk, buttermilk, fluid, cultured, lowfat	245	1 cup	43.4
01082	Milk, lowfat, fluid, 1% milkfat, with added vitamin A and vitamin D	244	1 cup	43.2
21229	Fast foods, chicken, breaded and fried, boneless pieces, plain	106	6 pieces	43.1
01036	Cheese, ricotta, whole milk	246	1 cup	43.1
01103	Milk, chocolate, fluid, commercial, reduced fat, with added vitamin A and vitamin D	250	1 cup	42.8
09214	Orange juice, frozen concentrate, unsweetened, undiluted	213	6-fl-oz can	42.6
01104	Milk, chocolate, fluid, commercial, lowfat, with added vitamin A and vitamin D	250	1 cup	42.5
01102	Milk, chocolate, fluid, commercial, whole, with added vitamin A and vitamin D	250	1 cup	42.5
11299	Parsnips, cooked, boiled, drained, without salt	156	1 cup	42.1

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11008	Artichokes, (globe or french), cooked, boiled, drained, without salt	120	1 medium	41.3
20110	Noodles, egg, cooked, enriched	160	1 cup	41.1
20112	Noodles, egg, spinach, cooked, enriched	160	1 cup	41.1
15150	Crustaceans, shrimp, mixed species, cooked, breaded and fried	45	6 large	41.0
18326	Pie, pumpkin, commercially prepared	109	1 piece	40.9
01037	Cheese, ricotta, part skim milk	246	1 cup	40.1
01079	Milk, reduced fat, fluid, 2% milkfat, with added vitamin A and vitamin D	244	1 cup	40.0
22906	Chicken pot pie, frozen entree, prepared	217	1 small pie	39.9
01016	Cheese, cottage, lowfat, 1% milkfat	226	1 cup	39.6
01013	Cheese, cottage, creamed, with fruit	226	1 cup	39.6
11461	Spinach, canned, regular pack, drained solids	214	1 cup	39.4
20012	Bulgur, dry	140	1 cup	39.3
15058	Fish, ocean perch, Atlantic, cooked, dry heat	50	1 fillet	39.3
01012	Cheese, cottage, creamed, large or small curd	210	1 cup	38.6
01092	Milk, dry, nonfat, instant, with added vitamin A and vitamin D	23	1/3 cup	38.6
01085	Milk, nonfat, fluid, with added vitamin A and vitamin D (fat free or skim)	245	1 cup	38.2
21090	Fast foods, cheeseburger; single, regular patty, with condiments	113	1 sandwich	37.7
11019	Asparagus, frozen, cooked, boiled, drained, without salt	180	1 cup	37.6
10131	Pork, cured, canadian-style bacon, grilled	46.5	2 slices	37.5
20080	Wheat flour, whole-grain	120	1 cup	37.4
05098	Chicken, broilers or fryers, thigh, meat only, cooked, roasted	52	1 thigh	37.3
07008	Bologna, beef and pork	56.7	2 slices	37.2
19080	Candies, semisweet chocolate	168	1 cup	37.0
21108	Fast foods, hamburger; single, regular patty; with condiments	106	1 sandwich	36.9
01015	Cheese, cottage, lowfat, 2% milkfat	226	1 cup	36.8
18147	Cheesecake commercially prepared	80	1 piece	36.7
21063	Fast foods, burrito, with beans and beef	115.5	1 burrito	36.6
06359	Soup, tomato, canned, prepared with equal volume low fat (2%) milk	248	1 cup	36.5
22905	Beef stew, canned entree	232	1 cup	36.2
11370	Potatoes, hashed brown, home-prepared	156	1 cup	36.2
11252	Lettuce, iceberg (includes crisphead types), raw	539	1 head	36.1
11179	Corn, sweet, yellow, frozen, kernels cut off cob, boiled, drained, without salt	164	1 cup	36.1
14316	Malted drink mix, chocolate, with added nutrients, powder, prepared with whole milk	265	1 cup	36.0
14003	Alcoholic beverage, beer, regular, all	355	12 fl oz	35.9
18330	Pie crust, cookie-type, prepared from recipe, graham cracker, baked	239	1 pie shell	35.6
06166	Sauce, homemade, white, medium	250	1 cup	35.5
11458	Spinach, cooked, boiled, drained, without salt	180	1 cup	35.5
07028	Ham, sliced, prepackaged (96% fat free, water added)	56.7	2 slices	35.4
21138	Fast foods, potato, french fried in vegetable oil	169	1 large	35.2
05292	Turkey patties, breaded, battered, fried	64	1 patty	35.1
01077	Milk, whole, 3.25% milkfat, with added vitamin D	244	1 cup	34.9
22401	Spaghetti with meat sauce, frozen entree	283	1 package	34.5
01118	Yogurt, plain, skim milk, 13 grams protein per 8 ounce	227	8-oz container	34.5
01117	Yogurt, plain, low fat, 12 grams protein per 8 ounce	227	8-oz container	34.5
01116	Yogurt, plain, whole milk, 8 grams protein per 8 ounce	227	8-oz container	34.5

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06931	Sauce, pasta, spaghetti/marinara, ready-to-serve	250	1 cup	34.3
20010	Buckwheat groats, roasted, cooked	168	1 cup	33.8
18027	Bread, egg	40	1/2" slice	33.6
11303	Peas, edible-podded, frozen, cooked, boiled, drained, without salt	160	1 cup	33.6
11512	Sweet potato, canned, vacuum pack	255	1 cup	33.2
06404	Soup, bean with pork, canned, prepared with equal volume water	253	1 cup	33.1
06449	Soup, pea, green, canned, prepared with equal volume water	250	1 cup	33.0
16127	Tofu, soft, prepared with calcium sulfate and magnesium chloride (nigari)	120	1 piece	32.9
06243	Soup, cream of mushroom, canned, prepared with equal volume low fat (2%) milk	248	1 cup	32.7
11264	Mushrooms, canned, drained solids	156	1 cup	31.8
11261	Mushrooms, white, cooked, boiled, drained, without salt	156	1 cup	31.8
01121	Yogurt, fruit, low fat, 10 grams protein per 8 ounce	227	8-oz container	31.8
14006	Alcoholic beverage, beer, light	354	12 fl oz	31.2
05073	Chicken, broilers or fryers, dark meat, drumstick, meat only, cooked, roasted	44	1 drumstick	30.9
11110	Cabbage, cooked, boiled, drained, without salt	150	1 cup	30.5
11581	Vegetables, mixed, canned, drained solids	163	1 cup	30.3
20033	Oat bran, raw	94	1 cup	30.3
22907	Pasta with meatballs in tomato sauce, canned entree	252	1 cup	30.2
11674	Potato, baked, flesh and skin, without salt	202	1 potato	29.9
21078	Fast foods, nachos, with cheese	113	6-8 nachos	29.8
11093	Broccoli, frozen, chopped, cooked, boiled, drained, without salt	184	1 cup	29.8
21089	Fast foods, cheeseburger; single, regular patty; plain	102	1 sandwich	29.5
18279	Muffins, corn, commercially prepared	57	1 muffin	29.5
18274	Muffins, blueberry, commercially prepared (Includes mini-muffins)	57	1 muffin	29.5
06230	Soup, clam chowder, new england, canned, prepared with equal volume low fat (2%) milk	248	1 cup	29.3
11371	Potatoes, mashed, home-prepared, whole milk and margarine added	210	1 cup	28.4
07017	Chicken roll, light meat	56.7	2 slices	28.2
11101	Brussels sprouts, frozen, cooked, boiled, drained, without salt	155	1 cup	28.1
11657	Potatoes, mashed, home-prepared, whole milk added	210	1 cup	27.9
21138	Fast foods, potato, french fried in vegetable oil	134	1 medium	27.9
11301	Peas, edible-podded, boiled, drained, without salt	160	1 cup	27.8
21302	Fast Food, Pizza Chain, 14" pizza, pepperoni topping, regular crust	106	1 slice	26.9
11533	Tomatoes, red, ripe, canned, stewed	255	1 cup	26.5
20020	Cornmeal, whole-grain, yellow	122	1 cup	26.4
11208	Dandelion greens, cooked, boiled, drained, without salt	105	1 cup	26.3
01014	Cheese, cottage, nonfat, uncreamed, dry, large or small curd	145	1 cup	26.0
11590	Waterchestnuts, chinese, canned, solids and liquids	140	1 cup	25.9
11436	Rutabagas, cooked, boiled, drained, without salt	170	1 cup	25.8
09306	Raspberries, frozen, red, sweetened	250	1 cup	25.5
15119	Fish, tuna, light, canned in oil, drained solids	85.05	3 oz	24.9
15126	Fish, tuna, white, canned in water, drained solids	85	3 oz	24.9
15121	Fish, tuna, light, canned in water, drained solids	85	3 oz	24.9
18356	Sweet rolls, cinnamon, commercially prepared with raisins	60	1 roll	24.8
11439	Sauerkraut, canned, solids and liquids	236	1 cup	24.5

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11549	Tomato products, canned, sauce	245	1 cup	24.3
09277	Plantains, raw	179	1 medium	24.2
11424	Pumpkin, canned, without salt	245	1 cup	24.0
22970	Macaroni and cheese, frozen entree	283	1 package	23.5
10124	Pork, cured, bacon, cooked, broiled, pan-fried or roasted	19	3 medium slices	23.4
11655	Carrot juice, canned	236	1 cup	23.4
18141	Cake, yellow, commercially prepared, with vanilla frosting	64	1 piece	23.3
19143	Candies, MR. GOODBAR Chocolate Bar	49	1 bar (1.75 oz)	23.2
11379	Potatoes, mashed, dehydrated, prepared from flakes without milk, whole milk and butter added	210	1 cup	22.9
16126	Tofu, firm, prepared with calcium sulfate and magnesium chloride (nigari)	81	1/4 block	22.8
07024	Frankfurter, chicken	45	1 frank	22.7
11363	Potatoes, baked, flesh, without salt	156	1 potato	22.6
11901	Corn, sweet, white, cooked, boiled, drained, without salt	77	1 ear	22.4
11168	Corn, sweet, yellow, cooked, boiled, drained, without salt	77	1 ear	22.4
19090	Ice creams, french vanilla, soft-serve	86	1/2 cup	22.4
18239	Croissants, butter	57	1 croissant	22.1
19155	Candies, MARS SNACKFOOD US, SNICKERS Bar	57	1 bar (2 oz)	21.9
07022	Frankfurter, beef, unheated	45	1 frank	21.9
11242	Kohlrabi, cooked, boiled, drained, without salt	165	1 cup	21.8
11644	Squash, winter, all varieties, cooked, baked, without salt	205	1 cup	21.7
19002	Snacks, beef jerky, chopped and formed	19.8	1 large piece	21.6
07072	Salami, dry or hard, pork, beef	20	2 slices	21.2
11053	Beans, snap, green, cooked, boiled, drained, without salt	125	1 cup	21.1
11724	Beans, snap, yellow, cooked, boiled, drained, without salt	125	1 cup	21.1
11136	Cauliflower, cooked, boiled, drained, without salt	54	3 flowerets	21.1
20006	Barley, pearled, cooked	157	1 cup	21.0
11367	Potatoes, boiled, cooked without skin, flesh, without salt	156	1 cup	20.6
11117	Cabbage, chinese (pak-choi), cooked, boiled, drained, without salt	170	1 cup	20.6
11281	Okra, frozen, cooked, boiled, drained, without salt	184	1 cup	20.4
15027	Fish, fish portions and sticks, frozen, preheated	57	1 portion (4" x 2" x 1/2")	20.3
19120	Candies, milk chocolate	44	1 bar (1.55 oz)	20.3
12652	Nuts, pistachio nuts, dry roasted, with salt added	28.35	1 oz (47 nuts)	20.2
21028	Fast foods, vanilla, light, soft-serve ice cream, with cone	103	1 cone	20.2
11399	Potato puffs, frozen, oven-heated	79	10 puffs	20.1
11056	Beans, snap, green, canned, regular pack, drained solids	135	1 cup	19.8
09136	Grape juice cocktail, frozen concentrate, undiluted, with added ascorbic acid	216	6-fl-oz can	19.7
21024	Fast foods, french toast sticks	141	5 sticks	19.6
09278	Plantains, cooked	154	1 cup	19.6
07023	Frankfurter, beef and pork	45	1 frank	19.4
21226	Pizza, meat and vegetable topping, regular crust, frozen, cooked	79	1 serving	19.4
06428	Soup, clam chowder, manhattan, canned, prepared with equal volume water	244	1 cup	19.3
19089	Ice creams, vanilla, rich	74	1/2 cup	19.2
19132	Candies, milk chocolate, with almonds	41	1 bar (1.45 oz)	19.2
11508	Sweet potato, cooked, baked in skin, without salt	146	1 potato	19.1
19126	Candies, milk chocolate coated peanuts	40	10 pieces	19.1
09123	Grapefruit juice, white, canned, unsweetened	247	1 cup	19.0

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
09128	Grapefruit juice, white, raw	247	1 cup	19.0
09126	Grapefruit juice, white, frozen concentrate, unsweetened, diluted with 3 volume water	247	1 cup	19.0
18173	Cookies, graham crackers, plain or honey (includes cinnamon)	84	1 cup	18.7
09226	Papayas, raw	304	1 papaya	18.5
11365	Potatoes, boiled, cooked in skin, flesh, without salt	136	1 potato	18.4
19190	Puddings, chocolate, dry mix, regular, prepared with 2% milk	142	1/2 cup	18.3
11061	Beans, snap, green, frozen, cooked, boiled, drained without salt	135	1 cup	18.2
11732	Beans, snap, yellow, frozen, cooked, boiled, drained, without salt	135	1 cup	18.2
07064	Pork sausage, fresh, cooked	27	1 patty	18.1
11205	Cucumber, with peel, raw	301	1 large	18.1
11364	Potatoes, baked, skin, without salt	58	1 skin	18.0
12179	Nuts, coconut meat, dried (desiccated), sweetened, shredded	93	1 cup	17.9
20037	Rice, brown, long-grain, cooked	195	1 cup	17.9
12516	Seeds, pumpkin and squash seed kernels, roasted, with salt added	28.35	1 oz (142 seeds)	17.9
11367	Potatoes, boiled, cooked without skin, flesh, without salt	135	1 potato	17.8
19047	Snacks, pretzels, hard, plain, salted	60	10 pretzels	17.7
08060	Cereals ready-to-eat, KELLOGG, KELLOGG'S RAISIN BRAN	61	1 cup	17.7
21138	Fast foods, potato, french fried in vegetable oil	85	1 small	17.7
12537	Seeds, sunflower seed kernels, dry roasted, with salt added	32	1/4 cup	17.6
18248	Doughnuts, cake-type, plain (includes unsugared, old-fashioned)	47	1 medium	17.5
18376	Bread crumbs, dry, grated, seasoned	120	1 cup	17.5
21061	Fast foods, burrito, with beans and cheese	93	1 burrito	17.5
18255	Doughnuts, yeast-leavened, glazed, enriched (includes honey buns)	60	1 medium	17.5
11578	Vegetable juice cocktail, canned	242	1 cup	17.4
07064	Pork sausage, fresh, cooked	26	2 links	17.4
09220	Tangerines, (mandarin oranges), canned, light syrup pack	252	1 cup	17.4
08121	Cereals, oats, regular and quick, unenriched, cooked with water (includes boiling and microwaving), without salt	234	1 cup	17.3
14196	Cocoa mix, no sugar added, powder	15	1/2 oz envelope	17.3
12586	Nuts, cashew nuts, oil roasted, with salt added	28.35	1 oz (18 nuts)	17.3
12585	Nuts, cashew nuts, dry roasted, with salt added	28.35	1 oz	17.3
19088	Ice creams, vanilla, light	66	1/2 cup	17.2
19095	Ice creams, vanilla	66	1/2 cup	17.2
06409	Soup, beef noodle, canned, prepared with equal volume water	244	1 cup	17.1
18335	Pie crust, standard-type, frozen, ready-to-bake, enriched, baked	126	1 pie shell	16.9
11510	Sweet potato, cooked, boiled, without skin	156	1 potato	16.8
11531	Tomatoes, red, ripe, canned, packed in tomato juice	240	1 cup	16.8
27042	Soup, clam chowder, new england, canned, ready-to-serve	254	1 cup	16.8
20089	Wild rice, cooked	164	1 cup	16.7
06067	Soup, chunky vegetable, canned, ready-to-serve	240	1 cup	16.6
18133	Cake, sponge, commercially prepared	30	1 shortcake	16.5
11540	Tomato juice, canned, with salt added	243	1 cup	16.5
19441	Snacks, KELLOGG'S, NUTRI-GRAIN Cereal Bars, fruit	37	1 bar	16.5
11090	Broccoli, raw	88	1 cup	16.5
06174	Soup, stock, fish, home-prepared	233	1 cup	16.3
08218	Cereals ready-to-eat, QUAKER, QUAKER 100% Natural Granola with Oats, Wheat, Honey, and Raisins	51	1/2 cup	16.2
07027	Ham, chopped, not canned	21	2 slices	16.2

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NDB_No	Description	Weight (g)	Common Measure	Content per Measure
09298	Raisins, seedless	145	1 cup	16.1
18128	Cake, snack cakes, creme-filled, sponge	42.5	1 cake	16.1
18090	Cake, boston cream pie, commercially prepared	92	1 piece	16.0
11206	Cucumber, peeled, raw	280	1 large	16.0
19150	Candies, REESE'S Peanut Butter Cups	45	1 package (contains 2)	15.9
06177	Soup, minestrone, canned, reduced sodium, ready-to-serve	241	1 cup	15.9
12147	Nuts, pine nuts, dried	28.35	1 oz	15.8
09176	Mangos, raw	207	1 mango	15.7
16090	Peanuts, all types, dry-roasted, with salt	28.35	1 oz (approx 28)	15.7
16089	Peanuts, all types, oil-roasted, with salt	28.35	1 oz	15.7
16390	Peanuts, all types, dry-roasted, without salt	28.35	1 oz (approx 28)	15.7
11012	Asparagus, cooked, boiled, drained	60	4 spears	15.7
08220	Cereals ready-to-eat, QUAKER, Low Fat 100% Natural Granola with Raisins	50	1/2 cup	15.7
12537	Seeds, sunflower seed kernels, dry roasted, with salt added	28.35	1 oz	15.6
18246	Danish pastry, fruit, enriched (includes apple, cinnamon, raisin, lemon, raspberry, strawberry)	71	1 danish	15.5
09209	Orange juice, chilled, includes from concentrate	249	1 cup	15.4
09207	Orange juice, canned, unsweetened	249	1 cup	15.4
11015	Asparagus, canned, drained solids	72	4 spears	15.4
12635	Nuts, mixed nuts, dry roasted, with peanuts, with salt added	28.35	1 oz	15.4
09206	Orange juice, raw	248	1 cup	15.4
06559	Soup, tomato, canned, prepared with equal volume water, commercial	244	1 cup	15.4
07065	Pork and beef sausage, fresh, cooked	26	2 links	15.3
11423	Pumpkin, cooked, boiled, drained, without salt	245	1 cup	15.2
09302	Raspberries, raw	123	1 cup	15.1
09200	Oranges, raw, all commercial varieties	180	1 cup	15.1
20125	Spaghetti, whole-wheat, cooked	140	1 cup	15.0
11043	Mung beans, mature seeds, sprouted, raw	104	1 cup	15.0
09223	Tangerine juice, canned, sweetened	249	1 cup	14.9
11279	Okra, cooked, boiled, drained, without salt	160	1 cup	14.9
06018	Soup, chunky chicken noodle, canned, ready-to-serve	240	1 cup	14.9
19270	Ice creams, chocolate	66	1/2 cup	14.9
11091	Broccoli, cooked, boiled, drained, without salt	37	1 spear	14.8
08001	Cereals ready-to-eat, KELLOGG, KELLOGG'S ALL-BRAN Original	30	1/2 cup	14.8
12061	Nuts, almonds	28.35	1 oz (24 nuts)	14.8
12637	Nuts, mixed nuts, oil roasted, with peanuts, with salt added	28.35	1 oz	14.7
21129	Fast foods, hush puppies	78	5 pieces	14.7
09040	Bananas, raw	150	1 cup	14.7
19293	Frozen yogurts, vanilla, soft-serve	72	1/2 cup	14.5
11283	Onions, cooked, boiled, drained, without salt	210	1 cup	14.3
18245	Danish pastry, cheese	71	1 danish	14.3
20084	Wheat flour, white, cake, enriched	137	1 cup	14.2
20083	Wheat flour, white, bread, enriched	137	1 cup	14.2
11642	Squash, summer, all varieties, cooked, boiled, drained, without salt	180	1 cup	14.2
11932	Beans, snap, yellow, canned, regular pack, drained solids	135	1 cup	14.2
09340	Pears, asian, raw	275	1 pear	14.0

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NDB_No	Description	Weight (g)	Common Measure	Content per Measure
09215	Orange juice, frozen concentrate, unsweetened, diluted with 3 volume water	249	1 cup	13.9
11125	Carrots, cooked, boiled, drained, without salt	156	1 cup	13.7
11250	Lettuce, butterhead (includes boston and bibb types), raw	163	1 head	13.7
18005	Bagels, cinnamon-raisin	89	4" bagel	13.6
18001	Bagels, plain, enriched, with calcium propionate (includes onion, poppy, sesame)	89	4" bagel	13.6
22247	Macaroni and Cheese, canned entree	252	1 cup	13.6
11565	Turnips, cooked, boiled, drained, without salt	156	1 cup	13.6
06419	Soup, chicken noodle, canned, prepared with equal volume water	241	1 cup	13.3
18096	Cake, chocolate, commercially prepared with chocolate frosting, in-store bakery	64	1 piece	13.2
19109	Candies, KIT KAT Wafer Bar	42	1 bar (1.5 oz)	13.0
20082	Wheat flour, white, all-purpose, self-rising, enriched	125	1 cup	13.0
20081	Wheat flour, white, all-purpose, enriched, bleached	125	1 cup	13.0
19078	Baking chocolate, unsweetened, squares	28.35	1 square	13.0
09121	Grapefruit, sections, canned, light syrup pack, solids and liquids	254	1 cup	13.0
12120	Nuts, hazelnuts or filberts	28.35	1 oz	12.9
09184	Melons, honeydew, raw	170	1 cup	12.9
21026	Fast foods, potatoes, hashed brown	72	1/2 cup	12.8
19422	Snacks, potato chips, reduced fat	28.35	1 oz	12.8
09250	Peaches, frozen, sliced, sweetened	250	1 cup	12.8
11084	Beets, canned, drained solids	170	1 cup	12.8
08084	Cereals ready-to-eat, wheat germ, toasted, plain	7.119	1 tbsp	12.7
09055	Blueberries, frozen, sweetened	230	1 cup	12.7
12632	Nuts, macadamia nuts, dry roasted, with salt added	28.35	1 oz (10-12 nuts)	12.6
08123	Cereals, oats, instant, fortified, plain, prepared with water (boiling water added or microwaved)	177	1 packet	12.6
20013	Bulgur, cooked	182	1 cup	12.6
11131	Carrots, frozen, cooked, boiled, drained, without salt	146	1 cup	12.6
09161	Lime juice, canned or bottled, unsweetened	246	1 cup	12.5
11019	Asparagus, frozen, cooked, boiled, drained, without salt	60	4 spears	12.5
09176	Mangos, raw	165	1 cup	12.5
09153	Lemon juice, canned or bottled	244	1 cup	12.4
01164	Cheese sauce, prepared from recipe	243	1 cup	12.4
06528	Soup, chicken noodle, dry, mix, prepared with water	252.3	1 cup	12.4
11044	Mung beans, mature seeds, sprouted, cooked, boiled, drained, without salt	124	1 cup	12.3
09042	Blackberries, raw	144	1 cup	12.2
06471	Soup, vegetable beef, canned, prepared with equal volume water	244	1 cup	12.2
09181	Melons, cantaloupe, raw	160	1 cup	12.2
09184	Melons, honeydew, raw	160	1/8 melon	12.2
11260	Mushrooms, white, raw	70	1 cup	12.1
11529	Tomatoes, red, ripe, raw, year round average	180	1 cup	12.1
08031	Cereals ready-to-eat, KELLOGG'S FROSTED MINI-WHEATS, Big Bite	51	1 cup	12.0
11112	Cabbage, red, raw	70	1 cup	12.0
09268	Pineapple, canned, juice pack, solids and liquids	249	1 cup	12.0
20022	Cornmeal, degermed, enriched, yellow	138	1 cup	11.9
11144	Celery, cooked, boiled, drained, without salt	150	1 cup	11.9

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
11403	Potatoes, french fried, all types, salt added in processing, frozen, home-prepared, oven heated	50	10 strips	11.9
06423	Soup, chicken with rice, canned, prepared with equal volume water	241	1 cup	11.8
09320	Strawberries, frozen, sweetened, sliced	255	1 cup	11.7
09326	Watermelon, raw	286	1 wedge	11.7
09040	Bananas, raw	118	1 banana	11.6
12142	Nuts, pecans	28.35	1 oz (20 halves)	11.5
06443	Soup, cream of mushroom, canned, prepared with equal volume water	244	1 cup	11.5
09087	Dates, deglet noor	178	1 cup	11.2
18336	Pie crust, standard-type, prepared from recipe, baked	180	1 pie shell	11.2
12155	Nuts, walnuts, english	28.35	1 oz (14 halves)	11.1
20046	Rice, white, long-grain, parboiled, enriched, dry	185	1 cup	11.1
06094	Soup, onion, dry, mix	39	1 packet	11.1
15138	Crustaceans, crab, alaska king, imitation, made from surimi	85	3 oz	11.1
09200	Oranges, raw, all commercial varieties	131	1 orange	11.0
18288	Pancakes plain, frozen, ready-to-heat (includes buttermilk)	36	1 pancake	11.0
09292	Plums, dried (prunes), stewed, without added sugar	248	1 cup	10.9
08261	Cereals ready-to-eat, GENERAL MILLS, RAISIN NUT BRAN	55	1 cup	10.9
18005	Bagels, cinnamon-raisin	71	3-1/2" bagel	10.9
18001	Bagels, plain, enriched, with calcium propionate (includes onion, poppy, sesame)	71	3-1/2" bagel	10.9
09241	Peaches, canned, heavy syrup pack, solids and liquids	262	1 cup	10.7
19183	Puddings, chocolate, ready-to-eat	113	4 oz	10.7
20044	Rice, white, long-grain, regular, raw, enriched	185	1 cup	10.7
21139	Fast foods, potato, mashed	80	1/3 cup	10.7
11081	Beets, cooked, boiled, drained	170	1 cup	10.7
19811	Snacks, potato chips, plain, unsalted	28.35	1 oz	10.6
08147	Cereals ready-to-eat, wheat, shredded, plain, sugar and salt free	46	2 biscuits	10.6
09310	Rhubarb, frozen, cooked, with sugar	240	1 cup	10.6
09236	Peaches, raw	170	1 cup	10.4
18127	Cake, snack cakes, creme-filled, chocolate with frosting	50	1 cupcake	10.3
01044	Cheese, pasteurized process, swiss	28.35	1 oz	10.3
01048	Cheese spread, pasteurized process, American	28.35	1 oz	10.3
01042	Cheese, pasteurized process, American, fortified with vitamin D	28.35	1 oz	10.3
01046	Cheese food, pasteurized process, American, vitamin D fortified	28.35	1 oz	10.3
01186	Cheese, cream, fat free	15.6	1 tbsp	10.2
09238	Peaches, canned, juice pack, solids and liquids	248	1 cup	10.2
08028	Cereals ready-to-eat, KELLOGG, KELLOGG'S ALL-BRAN COMPLETE Wheat Flakes	29	3/4 cup	10.2
08219	Cereals ready-to-eat, QUAKER, QUAKER toasted Oatmeal Cereal, Honey Nut	49	1 cup	10.1
16098	Peanut butter, smooth style, with salt	16	1 tbsp	10.1
19135	Candies, MARS SNACKFOOD US, MILKY WAY Bar	61	1 bar (2.15 oz)	10.1
11334	Peppers, sweet, green, cooked, boiled, drained, without salt	136	1 cup	10.1
09064	Cherries, sour, red, canned, water pack, solids and liquids (includes USDA commodity red tart cherries, canned)	244	1 cup	10.0
15027	Fish, fish portions and sticks, frozen, preheated	28	1 stick (4" x 1" x 1/2")	10.0
08089	Cereals ready-to-eat, GENERAL MILLS, WHEATIES	30	1 cup	9.9
16097	Peanut butter, chunk style, with salt	16	1 tbsp	9.8
11282	Onions, raw	160	1 cup	9.8

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
11124	Carrots, raw	110	1 cup	9.7
09270	Pineapple, canned, heavy syrup pack, solids and liquids	254	1 cup	9.7
08067	Cereals ready-to-eat, KELLOGG, KELLOGG'S SPECIAL K	31	1 cup	9.6
09097	Fruit cocktail, (peach and pineapple and pear and grape and cherry), canned, juice pack, solids and liquids	237	1 cup	9.5
14194	Cocoa mix, powder, prepared with water	206	1 serving	9.5
09112	Grapefruit, raw, pink and red, all areas	123	1/2 grapefruit	9.5
09316	Strawberries, raw	166	1 cup	9.5
06468	Soup, vegetarian vegetable, canned, prepared with equal volume water	241	1 cup	9.4
14192	Cocoa mix, powder	28.35	3 heaping tsp	9.4
07073	Sandwich spread, pork, beef	15	1 tbsp	9.3
11210	Eggplant, cooked, boiled, drained, without salt	99	1 cup	9.3
19410	Snack, potato chips, made from dried potatoes, plain	28.35	1 oz	9.3
18403	Waffles, plain, frozen, ready -to-heat, toasted	33	1 waffle	9.3
18319	Pie, fried pies, fruit	128	1 pie	9.2
11128	Carrots, canned, regular pack, drained solids	146	1 cup	9.2
09100	Fruit cocktail, (peach and pineapple and pear and grape and cherry), canned, heavy syrup, solids and liquids	248	1 cup	9.2
09116	Grapefruit, raw, white, all areas	118	1/2 grapefruit	9.1
21224	Pizza, cheese topping, regular crust, frozen, cooked	63	1 serving	9.0
09132	Grapes, red or green (European type, such as Thompson seedless), raw	160	1 cup	9.0
20100	Macaroni, cooked, enriched	140	1 cup	9.0
20121	Spaghetti, cooked, enriched, without added salt	140	1 cup	9.0
08247	Cereals ready-to-eat, GENERAL MILLS, TOTAL Raisin Bran	55	1 cup	8.8
08243	Cereals ready-to-eat, GENERAL MILLS, HONEY NUT CLUSTERS	55	1 cup	8.8
18041	Bread, pita, white, enriched	60	6-1/2" pita	8.8
09050	Blueberries, raw	145	1 cup	8.7
11114	Cabbage, savoy, raw	70	1 cup	8.6
09218	Tangerines, (mandarin oranges), raw	84	1 tangerine	8.6
09226	Papayas, raw	140	1 cup	8.5
09266	Pineapple, raw, all varieties	155	1 cup	8.5
09252	Pears, raw	166	1 pear	8.5
09191	Nectarines, raw	136	1 nectarine	8.4
09254	Pears, canned, juice pack, solids and liquids	248	1 cup	8.4
18301	Pie, apple, commercially prepared, enriched flour	117	1 piece	8.4
18308	Pie, cherry, commercially prepared	117	1 piece	8.4
18305	Pie, blueberry, commercially prepared	117	1 piece	8.4
09020	Applesauce, canned, sweetened, without salt (includes USDA commodity)	255	1 cup	8.4
11213	Endive, raw	50	1 cup	8.4
08105	Cereals, farina, enriched, assorted brands including CREAM OF WHEAT, quick (1-3 minutes), cooked with water, without salt	239	1 cup	8.4
11821	Peppers, sweet, red, raw	149	1 cup	8.3
18353	Rolls, hard (includes kaiser)	57	1 roll	8.3
19039	Snacks, popcorn, caramel-coated, without peanuts	35.2	1 cup	8.3
09273	Pineapple juice, canned, unsweetened, without added ascorbic acid	250	1 cup	8.3
11529	Tomatoes, red, ripe, raw, year round average	123	1 tomato	8.2
09060	Carambola, (starfruit), raw	108	1 cup	8.2

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NDB_No	Description	Weight (g)	Common Measure	Content per Measure
18076	Bread, whole-wheat, commercially prepared, toasted	25	1 slice	8.2
11333	Peppers, sweet, green, raw	149	1 cup	8.2
12078	Nuts, brazilnuts, dried, unblanched	28.35	1 oz (6-8 nuts)	8.2
18259	English muffins, plain, toasted, enriched, with calcium propionate (includes sourdough)	52	1 muffin	8.2
09135	Grape juice, canned or bottled, unsweetened, without added ascorbic acid	253	1 cup	8.1
09137	Grape juice cocktail, frozen concentrate, diluted with 3 volume water, with added ascorbic acid	250	1 cup	8.0
11823	Peppers, sweet, red, cooked, boiled, drained, without salt	136	1 cup	7.9
08013	Cereals ready-to-eat, GENERAL MILLS, CHEERIOS	30	1 cup	7.9
18258	English muffins, plain, enriched, with ca prop (includes sourdough)	57	1 muffin	7.8
08045	Cereals ready-to-eat, GENERAL MILLS, HONEY NUT CHEERIOS	30	1 cup	7.7
01094	Milk, buttermilk, dried	6.5	1 tbsp	7.7
08262	Cereals ready-to-eat, GENERAL MILLS, BASIC 4	55	1 cup	7.7
08049	Cereals ready-to-eat, QUAKER, QUAKER OAT LIFE, plain	32	3/4 cup	7.7
04134	Salad dressing, home recipe, cooked	16	1 tbsp	7.7
11253	Lettuce, green leaf, raw	56	1 cup	7.6
11641	Squash, summer, all varieties, raw	113	1 cup	7.6
11109	Cabbage, raw	70	1 cup	7.5
19140	Candies, MARS SNACKFOOD US, M&M's Peanut Chocolate Candies	20	10 pieces	7.5
18075	Bread, whole-wheat, commercially prepared	28	1 slice	7.4
11143	Celery, raw	120	1 cup	7.3
18290	Pancakes, plain, dry mix, complete, prepared	38	1 pancake	7.3
19038	Snacks, popcorn, caramel-coated, with peanuts	42	1 cup	7.3
11268	Mushrooms, shiitake, dried	3.6	1 mushroom	7.3
11391	Potatoes, hashed brown, frozen, plain, prepared	29	1 patty	7.1
08210	Cereals ready-to-eat, QUAKER, QUAKER OAT CINNAMON LIFE	32	3/4 cup	7.1
19218	Puddings, tapioca, ready-to-eat	113	4 oz	7.0
18320	Pie, lemon meringue, commercially prepared	113	1 piece	7.0
19201	Puddings, vanilla, ready-to-eat	113	4 oz	7.0
19026	Snacks, granola bars, soft, coated, milk chocolate coating, peanut butter	28.35	1 bar	7.0
07083	Sausage, Vienna, canned, chicken, beef, pork	16	1 sausage	7.0
08082	Cereals ready-to-eat, GENERAL MILLS, Wheat CHEX	30	1 cup	6.9
09060	Carambola, (starfruit), raw	91	1 fruit	6.9
09294	Prune juice, canned	256	1 cup	6.9
18036	Bread, Multi-Grain, toasted (includes whole-grain)	24	1 slice	6.9
18035	Bread, Multi-Grain (includes whole-grain)	26	1 slice	6.9
06075	Soup, beef broth or bouillon, powder, dry	6	1 packet	6.8
11206	Cucumber, peeled, raw	119	1 cup	6.8
18102	Cake, white, prepared from recipe with coconut frosting	112	1 piece	6.7
11282	Onions, raw	110	1 whole	6.7
11821	Peppers, sweet, red, raw	119	1 pepper	6.7
14309	Malted drink mix, natural, with added nutrients, powder	21	4-5 heaping tsp	6.6
18069	Bread, white, commercially prepared (includes soft bread crumbs)	45	1 cup	6.6
11333	Peppers, sweet, green, raw	119	1 pepper	6.5
11283	Onions, cooked, boiled, drained, without salt	94	1 medium	6.4

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
19057	Snacks, tortilla chips, nacho cheese	28.35	1 oz	6.4
04002	Lard	12.8	1 tbsp	6.4
11124	Carrots, raw	72	1 carrot	6.3
08263	Cereals ready-to-eat, GENERAL MILLS, APPLE CINNAMON CHEERIOS	30	3/4 cup	6.3
08091	Cereals, corn grits, white, regular and quick, enriched, cooked with water, without salt	242	1 cup	6.3
18350	Rolls, hamburger or hotdog, plain	43	1 roll	6.3
11205	Cucumber, with peel, raw	104	1 cup	6.2
19015	Snacks, granola bars, hard, plain	28.35	1 bar	6.2
09326	Watermelon, raw	152	1 cup	6.2
09340	Pears, asian, raw	122	1 pear	6.2
09094	Figs, dried, uncooked	38	2 figs	6.0
09236	Peaches, raw	98	1 peach	6.0
09148	Kiwifruit, green, raw	76	1 medium	5.9
14096	Alcoholic beverage, wine, table, red	103	3.5 fl oz	5.9
01007	Cheese, camembert	38	1 wedge	5.9
18243	Croutons, seasoned	40	1 cup	5.8
08164	Cereals, corn grits, yellow, regular and quick, enriched, cooked with water, without salt	242	1 cup	5.8
11090	Broccoli, raw	31	1 spear	5.8
08058	Cereals ready-to-eat, KELLOGG, KELLOGG'S PRODUCT 19	30	1 cup	5.8
11457	Spinach, raw	30	1 cup	5.8
11135	Cauliflower, raw	13	1 floweret	5.8
08077	Cereals ready-to-eat, GENERAL MILLS, Whole Grain TOTAL	30	3/4 cup	5.7
11291	Onions, spring or scallions (includes tops and bulb), raw	100	1 cup	5.7
19097	Sherbet, orange	74	1/2 cup	5.7
08048	Cereals ready-to-eat, GENERAL MILLS, KIX	30	1-1/3 cup	5.7
09011	Apples, dried, sulfured, uncooked	32	5 rings	5.6
18151	Cookies, brownies, commercially prepared	56	1 brownie	5.6
11251	Lettuce, cos or romaine, raw	56	1 cup	5.5
19056	Snacks, tortilla chips, plain, white corn	28.35	1 oz	5.5
12104	Nuts, coconut meat, raw	45	1 piece	5.4
18374	Leavening agents, yeast, baker's, compressed	17	1 cake	5.4
19071	Candies, carob, unsweetened	28.35	1 oz	5.4
09019	Applesauce, canned, unsweetened, without added ascorbic acid (includes USDA commodity)	244	1 cup	5.4
18015	Biscuits, plain or buttermilk, refrigerated dough, higher fat, baked	27	2-1/2" biscuit	5.3
09206	Orange juice, raw	86	juice from 1 orange	5.3
18082	Bread stuffing, bread, dry mix, prepared	100	1/2 cup	5.3
09181	Melons, cantaloupe, raw	69	1/8 melon	5.2
18248	Doughnuts, cake-type, plain (includes unsugared, old-fashioned)	14	1 hole	5.2
20029	Couscous, cooked	157	1 cup	5.2
14057	Alcoholic beverage, wine, dessert, sweet	103	3.5 fl oz	5.2
19031	Snacks, oriental mix, rice-based	28.35	1 oz (about 1/4 cup)	5.1
18065	Bread, wheat, toasted	23	1 slice	5.1
09257	Pears, canned, heavy syrup pack, solids and liquids	266	1 cup	5.1
14639	Rice drink, unsweetened, with added calcium, vitamins A and D	240	8 fl oz	5.0
11670	Peppers, hot chili, green, raw	45	1 pepper	5.0
09246	Peaches, dried, sulfured, uncooked	39	3 halves	5.0

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
08050	Cereals ready-to-eat, GENERAL MILLS, LUCKY CHARMS	30	1 cup	5.0
08057	Cereals ready-to-eat, GENERAL MILLS, Honey Nut CHEX	30	3/4 cup	4.9
11819	Peppers, hot chili, red, raw	45	1 pepper	4.9
09032	Apricots, dried, sulfured, uncooked	35	10 halves	4.9
12147	Nuts, pine nuts, dried	8.6	1 tbsp	4.8
11001	Alfalfa seeds, sprouted, raw	33	1 cup	4.8
19404	Snacks, granola bars, soft, uncoated, chocolate chip	28.35	1 bar	4.7
09003	Apples, raw, with skin	138	1 apple	4.7
01009	Cheese, cheddar	28.35	1 oz	4.7
18064	Bread, wheat	25	1 slice	4.7
18060	Bread, rye	32	1 slice	4.7
18044	Bread, pumpernickel	32	1 slice	4.7
18045	Bread, pumpernickel, toasted	29	1 slice	4.7
09027	Apricots, canned, heavy syrup pack, with skin, solids and liquids	258	1 cup	4.6
14209	Coffee, brewed from grounds, prepared with tap water	178	6 fl oz	4.6
09016	Apple juice, canned or bottled, unsweetened, without added ascorbic acid	248	1 cup	4.5
14106	Alcoholic beverage, wine, table, white	103	3.5 fl oz	4.4
18204	Cookies, sugar, commercially prepared, regular (includes vanilla)	15	1 cookie	4.4
01040	Cheese, swiss	28.35	1 oz	4.4
09024	Apricots, canned, juice pack, with skin, solids and liquids	244	1 cup	4.4
01026	Cheese, mozzarella, whole milk	28.35	1 oz	4.4
01030	Cheese, muenster	28.35	1 oz	4.4
01004	Cheese, blue	28.35	1 oz	4.4
01035	Cheese, provolone	28.35	1 oz	4.4
01019	Cheese, feta	28.35	1 oz	4.4
01168	Cheese, low fat, cheddar or colby	28.35	1 oz	4.4
18235	Crackers, whole-wheat	16	4 crackers	4.4
18055	Bread, reduced-calorie, wheat	23	1 slice	4.3
09291	Plums, dried (prunes), uncooked	42	5 prunes	4.2
18139	Cake, white, prepared from recipe without frosting	74	1 piece	4.2
18013	Biscuits, plain or buttermilk, refrigerated dough, lower fat, baked	21	2-1/4" biscuit	4.2
09070	Cherries, sweet, raw	68	10 cherries	4.1
18079	Bread crumbs, dry, grated, plain	28.35	1 oz	4.1
18342	Rolls, dinner, plain, commercially prepared (includes brown-and-serve)	28	1 roll	4.1
18041	Bread, pita, white, enriched	28	4" pita	4.1
18362	Toaster pastries, fruit (includes apple, blueberry, cherry, strawberry)	52	1 pastry	4.1
09038	Avocados, raw, California	28.35	1 oz	4.0
01029	Cheese, mozzarella, part skim milk, low moisture	28.35	1 oz	4.0
09241	Peaches, canned, heavy syrup pack, solids and liquids	98	1 half	4.0
09238	Peaches, canned, juice pack, solids and liquids	98	1 half	4.0
18360	Taco shells, baked	13.3	1 medium	4.0
18040	Bread, oatmeal, toasted	25	1 slice	4.0
08012	Cereals ready-to-eat, QUAKER, CAP'N CRUNCH'S PEANUT BUTTER CRUNCH	27	3/4 cup	4.0
18220	Crackers, melba toast, plain	20	4 pieces	4.0
01017	Cheese, cream	14.5	1 tbsp	3.9
18039	Bread, oatmeal	27	1 slice	3.9

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
12166	Seeds, sesame butter, tahini, from roasted and toasted kernels (most common type)	15	1 tbsp	3.9
18061	Bread, rye, toasted	24	1 slice	3.9
18208	Cookies, sugar, prepared from recipe, made with margarine	14	1 cookie	3.8
18048	Bread, raisin, toasted, enriched	24	1 slice	3.8
08194	Cereals ready-to-eat, GENERAL MILLS, REESE'S PUFFS	30	3/4 cup	3.8
18047	Bread, raisin, enriched	26	1 slice	3.8
18110	Cake, fruitcake, commercially prepared	43	1 piece	3.8
18255	Doughnuts, yeast-leavened, glazed, enriched (includes honey buns)	13	1 hole	3.8
18283	Muffins, oat bran	57	1 muffin	3.8
09004	Apples, raw, without skin	110	1 cup	3.7
20113	Noodles, chinese, chow mein	45	1 cup	3.7
18029	Bread, french or vienna (includes sourdough)	25	1/2" slice	3.7
11252	Lettuce, iceberg (includes crisphead types), raw	55	1 cup	3.7
20047	Rice, white, long-grain, parboiled, enriched, cooked	175	1 cup	3.7
06116	Gravy, beef, canned, ready-to-serve	58.25	1/4 cup	3.7
19013	Snacks, fruit leather, pieces	28.35	1 oz	3.7
18069	Bread, white, commercially prepared (includes soft bread crumbs)	25	1 slice	3.7
08019	Cereals ready-to-eat, GENERAL MILLS Corn CHEX	30	1 cup	3.6
08093	Cereals, QUAKER, corn grits, instant, plain, prepared (microwaved or boiling water added), without salt	137	1 packet	3.6
18070	Bread, white, commercially prepared, toasted	22	1 slice	3.5
06112	Sauce, teriyaki, ready-to-serve	18	1 tbsp	3.5
08003	Cereals ready-to-eat, KELLOGG, KELLOGG'S APPLE JACKS	30	1 cup	3.5
20049	Rice, white, long-grain, precooked or instant, enriched, prepared	165	1 cup	3.5
18363	Tortillas, ready-to-bake or -fry, corn	26	1 tortilla	3.5
19411	Snacks, potato chips, plain, salted	28.35	1 oz	3.4
19003	Snacks, corn-based, extruded, chips, plain	28.35	1 oz	3.4
18053	Bread, reduced-calorie, rye	23	1 slice	3.4
18057	Bread, reduced-calorie, white	23	1 slice	3.4
09284	Plums, canned, purple, heavy syrup pack, solids and liquids	258	1 cup	3.4
14175	Chocolate-flavor beverage mix for milk, powder, without added nutrients	21.6	2-3 heaping tsp	3.3
20045	Rice, white, long-grain, regular, cooked	158	1 cup	3.3
08035	Cereals ready-to-eat, GENERAL MILLS, GOLDEN GRAHAMS	30	3/4 cup	3.3
19008	Snacks, corn-based, extruded, puffs or twists, cheese-flavor	28.35	1 oz	3.3
09282	Plums, canned, purple, juice pack, solids and liquids	252	1 cup	3.3
19042	Snacks, potato chips, barbecue-flavor	28.35	1 oz	3.3
11081	Beets, cooked, boiled, drained	50	1 beet	3.2
08030	Cereals ready-to-eat, KELLOGG, KELLOGG'S FROOT LOOPS	30	1 cup	3.2
18173	Cookies, graham crackers, plain or honey (includes cinnamon)	14	2 squares	3.1
19263	Frozen novelties, fruit and juice bars	77	1 bar (2.5 fl oz)	3.1
18217	Crackers, matzo, plain	28.35	1 matzo	3.1
04025	Salad dressing, mayonnaise, soybean oil, with salt	13.8	1 tbsp	3.0
18178	Cookies, oatmeal, commercially prepared, regular	25	1 cookie	3.0
19135	Candies, MARS SNACKFOOD US, MILKY WAY Bar	18	1 fun size bar	3.0
11144	Celery, cooked, boiled, drained, without salt	37.5	1 stalk	3.0
18033	Bread, italian	20	1 slice	3.0
09150	Lemons, raw, without peel	58	1 lemon	3.0

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
06494	Soup, onion, dry, mix, prepared with water	246	1 cup	3.0
16123	Soy sauce made from soy and wheat (shoyu)	16	1 tbsp	2.9
19051	Snacks, rice cakes, brown rice, plain	9	1 cake	2.9
01055	Cream, sour, reduced fat, cultured	15	1 tbsp	2.9
08071	Cereals ready-to-eat, KELLOGG, KELLOGG'S HONEY SMACKS	27	3/4 cup	2.8
08272	Cereals ready-to-eat, GENERAL MILLS, CINNAMON TOAST CRUNCH	30	3/4 cup	2.8
01049	Cream, fluid, half and half	15	1 tbsp	2.8
09132	Grapes, red or green (European type, such as Thompson seedless), raw	50	10 grapes	2.8
14242	Cranberry juice cocktail, bottled	253	8 fl oz	2.8
19101	Candies, fudge, chocolate, with nuts, prepared-from-recipe	19	1 piece	2.8
19014	Snacks, fruit leather, rolls	21	1 large	2.8
04539	Salad dressing, blue or roquefort cheese dressing, commercial, regular	15.3	1 tbsp	2.7
08014	Cereals ready-to-eat, KELLOGG, KELLOGG'S COCOA KRISPIES	31	3/4 cup	2.7
11284	Onions, dehydrated flakes	5	1 tbsp	2.7
18177	Cookies, molasses	32	1 cookie, large (3-1/2" to	2.7
01001	Butter, salted	14.2	1 tbsp	2.7
01145	Butter, without salt	14.2	1 tbsp	2.7
08274	Cereals ready-to-eat, GENERAL MILLS, BERRY BERRY KIX	30	3/4 cup	2.6
19127	Candies, milk chocolate coated raisins	10	10 pieces	2.6
19226	Frostings, chocolate, creamy, ready-to-eat	38	1/12 package	2.6
09087	Dates, deglet noor	41.5	5 dates	2.6
08064	Cereals ready-to-eat, GENERAL MILLS, Rice CHEX	31	1-1/4 cup	2.6
11954	Tomatillos, raw	34	1 medium	2.6
09254	Pears, canned, juice pack, solids and liquids	76	1 half	2.6
18364	Tortillas, ready-to-bake or -fry, flour, refrigerated	32	1 tortilla	2.5
01052	Cream, fluid, light whipping	15	1 tbsp	2.5
01053	Cream, fluid, heavy whipping	15	1 tbsp	2.5
01050	Cream, fluid, light (coffee cream or table cream)	15	1 tbsp	2.5
04017	Salad dressing, thousand island, commercial, regular	15.6	1 tbsp	2.5
04023	Salad dressing, thousand island dressing, reduced fat	15.3	1 tbsp	2.4
11143	Celery, raw	40	1 stalk	2.4
09152	Lemon juice, raw	47	juice of 1 lemon	2.4
18185	Cookies, peanut butter, commercially prepared, regular	15	1 cookie	2.4
18228	Crackers, saltines (includes oyster, soda, soup)	12	4 crackers	2.4
18170	Cookies, fig bars	16	1 cookie	2.3
08010	Cereals ready-to-eat, QUAKER, CAP'N CRUNCH	27	3/4 cup	2.3
01056	Cream, sour, cultured	12	1 tbsp	2.3
08271	Cereals ready-to-eat, GENERAL MILLS, COCOA PUFFS	30	1 cup	2.3
09193	Olives, ripe, canned (small-extra large)	22	5 large	2.3
09268	Pineapple, canned, juice pack, solids and liquids	47	1 slice	2.3
18375	Leavening agents, yeast, baker's, active dry	7	1 pkg	2.2
19036	Snacks, popcorn, cakes	10	1 cake	2.2
18232	Crackers, wheat, regular	8	4 crackers	2.2
14150	Carbonated beverage, orange	372	12 fl oz	2.2
11937	Pickles, cucumber, dill or kosher dill	65	1 pickle	2.2
06119	Gravy, chicken, canned, ready-to-serve	59.5	1/4 cup	2.2

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
18226	Crackers, rye, wafers, plain	11	1 wafer	2.2
09081	Cranberry sauce, canned, sweetened	57	1 slice	2.2
12167	Nuts, chestnuts, european, roasted	143	1 cup	2.1
11955	Tomatoes, sun-dried	2	1 piece	2.1
19312	Pie fillings, apple, canned	74	1/8 of 21-oz can	2.1
12201	Seeds, sesame seed kernels, dried (decorticated)	8	1 tbsp	2.0
19297	Jams and preserves	20	1 tbsp	2.0
08065	Cereals ready-to-eat, KELLOGG, KELLOGG'S RICE KRISPIES	33	1-1/4 cup	2.0
19300	Jellies	19	1 tbsp	2.0
09160	Lime juice, raw	38	juice of 1 lime	1.9
11457	Spinach, raw	10	1 leaf	1.9
18230	Crackers, standard snack-type, sandwich, with cheese filling	7	1 sandwich	1.9
18451	Cake, pound, commercially prepared, fat-free	28	1 slice	1.9
02020	Spices, garlic powder	2.8	1 tsp	1.9
11935	Catsup	15	1 tbsp	1.9
06164	Sauce, salsa, ready-to-serve	16	1 tbsp	1.9
09270	Pineapple, canned, heavy syrup pack, solids and liquids	49	1 slice	1.9
20068	Tapioca, pearl, dry	152	1 cup	1.8
11084	Beets, canned, drained solids	24	1 beet	1.8
01058	Sour dressing, non-butterfat, cultured, filled cream-type	12	1 tbsp	1.8
04612	Margarine-like, vegetable oil spread, 60% fat, stick, with salt	14.3	1 tbsp	1.8
04611	Margarine, regular, 80% fat, composite, tub, with salt	14.2	1 tbsp	1.8
04610	Margarine, regular, 80% fat, composite, stick, with salt	14	1 tbsp	1.7
08068	Cereals ready-to-eat, KELLOGG, KELLOGG'S CORN POPS	31	1 cup	1.7
18215	Crackers, cheese, sandwich-type with peanut butter filling	7	1 sandwich	1.7
02009	Spices, chili powder	2.6	1 tsp	1.7
06125	Gravy, turkey, canned, ready-to-serve	59.6	1/4 cup	1.7
18159	Cookies, chocolate chip, commercially prepared, regular, higher fat, enriched	10	1 cookie	1.7
19100	Candies, fudge, chocolate, prepared-from-recipe	17	1 piece	1.7
19034	Snacks, popcorn, air-popped	8	1 cup	1.7
18229	Crackers, standard snack-type, regular	12	4 crackers	1.7
14210	Coffee, brewed, espresso, restaurant-prepared	60	2 fl oz	1.6
09298	Raisins, seedless	14	1 packet	1.6
19141	Candies, MARS SNACKFOOD US, M&M's Milk Chocolate Candies	7	10 pieces	1.5
19104	Candies, fudge, vanilla with nuts	15	1 piece	1.5
14145	Carbonated beverage, SPRITE, lemon-lime, without caffeine	368	12 fl oz	1.5
09257	Pears, canned, heavy syrup pack, solids and liquids	76	1 half	1.4
18206	Cookies, sugar, refrigerated dough, baked	15	1 cookie	1.4
19035	Snacks, popcorn, oil-popped, microwave, regular flavor	11	1 cup	1.4
11253	Lettuce, green leaf, raw	10	1 leaf	1.4
11529	Tomatoes, red, ripe, raw, year round average	20	1 slice	1.3
18456	Cookies, oatmeal, commercially prepared, fat-free	11	1 cookie	1.3
19076	Candies, caramels, chocolate-flavor roll	7	1 piece	1.3
02015	Spices, curry powder	2	1 tsp	1.3
11297	Parsley, fresh	10	10 sprigs	1.3
18375	Leavening agents, yeast, baker's, active dry	4	1 tsp	1.3
06175	Sauce, hoisin, ready-to-serve	16	1 tbsp	1.3

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
11445	Seaweed, kelp, raw	10	2 tbsp	1.3
02029	Spices, parsley, dried	1.3	1 tbsp	1.3
18177	Cookies, molasses	15	1 cookie, medium	1.3
09279	Plums, raw	66	1 plum	1.3
14341	Pineapple and orange juice drink, canned	250	8 fl oz	1.3
14334	Pineapple and grapefruit juice drink, canned	250	8 fl oz	1.3
08011	Cereals ready-to-eat, QUAKER, CAP'N CRUNCH with CRUNCHBERRIES	26	3/4 cup	1.2
14267	Fruit punch drink, with added nutrients, canned	248	8 fl oz	1.2
14315	Malted drink mix, chocolate, with added nutrients, powder	21	3 heaping tsp	1.2
08078	Cereals ready-to-eat, GENERAL MILLS, TRIX	30	1 cup	1.2
08288	Cereals ready-to-eat, KELLOGG, KELLOGG'S RICE KRISPIES TREATS Cereal	30	3/4 cup	1.1
11529	Tomatoes, red, ripe, raw, year round average	17	1 cherry tomato	1.1
18192	Cookies, shortbread, commercially prepared, plain	8	1 cookie	1.1
11677	Shallots, raw	10	1 tbsp	1.1
02046	Mustard, prepared, yellow	5	1 tsp or 1 packet	1.1
14400	Carbonated beverage, cola, contains caffeine	370	12 fl oz	1.1
14157	Carbonated beverage, root beer	370	12 fl oz	1.1
18212	Cookies, vanilla wafers, lower fat	4	1 cookie	1.1
08259	Cereals ready-to-eat, KELLOGG, KELLOGG'S CRISPIX	29	1 cup	1.1
08020	Cereals ready-to-eat, KELLOGG, KELLOGG'S Corn Flakes	28	1 cup	1.1
02028	Spices, paprika	2.1	1 tsp	1.1
19069	Candies, NESTLE, BUTTERFINGER Bar	7	1 fun size bar	1.1
19348	Syrups, chocolate, fudge-type	19	1 tbsp	1.0
09316	Strawberries, raw	18	1 strawberry	1.0
14293	Lemonade, frozen concentrate, white, prepared with water	248	8 fl oz	1.0
11251	Lettuce, cos or romaine, raw	10	1 leaf	1.0
09021	Apricots, raw	35	1 apricot	1.0
16055	Carob flour	8	1 tbsp	1.0
08069	Cereals ready-to-eat, KELLOGG, KELLOGG'S FROSTED FLAKES	31	3/4 cup	0.9
04585	Margarine-like, margarine-butter blend, soybean oil and butter	14.2	1 tbsp	0.9
08246	Cereals ready-to-eat, GENERAL MILLS, TOTAL Corn Flakes	30	1-1/3 cup	0.9
19230	Frostings, vanilla, creamy, ready-to-eat	38	1/12 package	0.9
18214	Crackers, cheese, regular	10	10 crackers	0.9
11291	Onions, spring or scallions (includes tops and bulb), raw	15	1 whole	0.9
11282	Onions, raw	14	1 slice	0.9
19103	Candies, fudge, vanilla, prepared-from-recipe	16	1 piece	0.8
11575	Turnip greens, frozen, cooked, boiled, drained, without salt	164	1 cup	0.8
02026	Spices, onion powder	2.1	1 tsp	0.8
19074	Candies, caramels	10.1	1 piece	0.8
09161	Lime juice, canned or bottled, unsweetened	15.4	1 tbsp	0.8
09153	Lemon juice, canned or bottled	15.2	1 tbsp	0.8
01032	Cheese, parmesan, grated	5	1 tbsp	0.8
11943	Pimento, canned	12	1 tbsp	0.8
14277	Grape drink, canned	250	8 fl oz	0.8
11935	Catsup	6	1 packet	0.8
11960	Carrots, baby, raw	10	1 medium	0.8
04022	Salad dressing, russian dressing, low calorie	16.3	1 tbsp	0.7

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
11945	Pickle relish, sweet	15	1 tbsp	0.7
11087	Beet greens, cooked, boiled, drained, without salt	144	1 cup	0.7
04120	Salad dressing, french dressing, commercial, regular	15.6	1 tbsp	0.7
14545	Tea, herb, chamomile, brewed	178	6 fl oz	0.7
14381	Tea, herb, other than chamomile, brewed	178	6 fl oz	0.7
14355	Tea, black, brewed, prepared with tap water	178	6 fl oz	0.7
14367	Tea, instant, unsweetened, powder, prepared	237	8 fl oz	0.7
04015	Salad dressing, russian dressing	15.3	1 tbsp	0.7
11215	Garlic, raw	3	1 clove	0.7
09316	Strawberries, raw	12	1 strawberry	0.7
19173	Gelatin desserts, dry mix, prepared with water	135	1/2 cup	0.7
18197	Cookies, brownies, dry mix, special dietary, prepared	22	1 brownie	0.7
04020	Salad dressing, french dressing, reduced fat	16.3	1 tbsp	0.7
11236	Kale, frozen, cooked, boiled, drained, without salt	130	1 cup	0.7
18088	Cake, angelfood, dry mix, prepared	50	1 piece	0.7
19165	Cocoa, dry powder, unsweetened	5.4	1 tbsp	0.6
11250	Lettuce, butterhead (includes boston and bibb types), raw	7.5	1 medium leaf	0.6
18210	Cookies, vanilla sandwich with creme filling	15	1 cookie	0.6
11667	Seaweed, spirulina, dried	0.93	1 tbsp	0.6
09282	Plums, canned, purple, juice pack, solids and liquids	46	1 plum	0.6
09284	Plums, canned, purple, heavy syrup pack, solids and liquids	46	1 plum	0.6
04128	Margarine-like, vegetable oil spread, unspecified oils, approximately 37% fat, with salt	4.8	1 tsp	0.6
04612	Margarine-like, vegetable oil spread, 60% fat, stick, with salt	4.8	1 tsp	0.6
11333	Peppers, sweet, green, raw	10	1 ring	0.6
11252	Lettuce, iceberg (includes crisphead types), raw	8	1 medium	0.5
11234	Kale, cooked, boiled, drained, without salt	130	1 cup	0.5
01054	Cream, whipped, cream topping, pressurized	3	1 tbsp	0.5
04021	Salad dressing, italian dressing, reduced fat	15	1 tbsp	0.5
02007	Spices, celery seed	2	1 tsp	0.5
04613	Margarine-like, vegetable oil spread, 60% fat, tub, with salt	4.8	1 tsp	0.5
02027	Spices, oregano, dried	1.5	1 tsp	0.5
14376	Tea, instant, sweetened with sodium saccharin, lemon-flavored, prepared	237	8 fl oz	0.5
19296	Honey	21	1 tbsp	0.5
06150	Sauce, barbecue	15.75	1 tbsp	0.5
11569	Turnip greens, cooked, boiled, drained, without salt	144	1 cup	0.4
01071	Dessert topping, powdered, 1.5 ounce prepared with 1/2 cup milk	4	1 tbsp	0.4
11271	Mustard greens, cooked, boiled, drained, without salt	140	1 cup	0.4
14414	Alcoholic beverage, liqueur, coffee, 53 proof	52	1.5 fl oz	0.4
18210	Cookies, vanilla sandwich with creme filling	10	1 cookie	0.4
04114	Salad dressing, italian dressing, commercial, regular	14.7	1 tbsp	0.4
01124	Egg, white, raw, fresh	33.4	1 large	0.4
19294	Fruit butters, apple	17	1 tbsp	0.4
18166	Cookies, chocolate sandwich, with creme filling, regular	10	1 cookie	0.3
02055	Horseradish, prepared	5	1 tsp	0.3
18155	Cookies, butter, commercially prepared, enriched	5	1 cookie	0.3
19353	Syrups, maple	20	1 tbsp	0.3
11429	Radishes, raw	4.5	1 radish	0.3

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
02010	Spices, cinnamon, ground	2.3	1 tsp	0.3
14181	Chocolate syrup	18.75	1 tbsp	0.2
02030	Spices, pepper, black	2.1	1 tsp	0.2
11156	Chives, raw	3	1 tbsp	0.2
19334	Sugars, brown	3.2	1 tsp	0.1
19116	Candies, marshmallows	50	1 cup	0.1
01069	Cream substitute, powdered	2	1 tsp	0.0
04053	Oil, olive, salad or cooking	13.5	1 tbsp	0.0
20027	Cornstarch	8.064	1 tbsp	0.0
04582	Oil, canola	14	1 tbsp	0.0
04518	Oil, corn, industrial and retail, all purpose salad or cooking	13.6	1 tbsp	0.0
04511	Oil, safflower, salad or cooking, high oleic (primary safflower oil of commerce)	13.6	1 tbsp	0.0
04543	Oil, soybean, salad or cooking, (partially hydrogenated) and cottonseed	13.6	1 tbsp	0.0
04506	Oil, sunflower, linoleic, (approx. 65%)	13.6	1 tbsp	0.0
04058	Oil, sesame, salad or cooking	13.6	1 tbsp	0.0
04034	Oil, soybean, salad or cooking, (partially hydrogenated)	13.6	1 tbsp	0.0
04031	Shortening, household, soybean (partially hydrogenated)-cottonseed (partially hydrogenated)	12.8	1 tbsp	0.0
04135	Salad dressing, home recipe, vinegar and oil	15.6	1 tbsp	0.0
19128	Syrups, table blends, pancake, reduced-calorie	15	1 tbsp	0.0
04042	Oil, peanut, salad or cooking	13.5	1 tbsp	0.0
19350	Syrups, corn, light	20	1 tbsp	0.0
14297	Lemonade-flavor drink, powder, prepared with water	266	8 fl oz	0.0
14416	Carbonated beverage, low calorie, cola or pepper-type, with aspartame, contains caffeine	355	12 fl oz	0.0
14429	Water, tap, municipal	237	8 fl oz	0.0
14550	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 86 proof	42	1.5 fl oz	0.0
14551	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 90 proof	42	1.5 fl oz	0.0
19107	Candies, hard	6	1 piece	0.0
19045	Snacks, potato chips, made from dried potatoes, reduced fat	28.35	1 oz	0.0
02048	Vinegar, cider	15	1 tbsp	0.0
02047	Salt, table	6	1 tsp	0.0
18373	Leavening agents, cream of tartar	3	1 tsp	0.0
18372	Leavening agents, baking soda	4.6	1 tsp	0.0
18371	Leavening agents, baking powder, low-sodium	5	1 tsp	0.0
18370	Leavening agents, baking powder, double-acting, straight phosphate	4.6	1 tsp	0.0
18369	Leavening agents, baking powder, double-acting, sodium aluminum sulfate	4.6	1 tsp	0.0
13350	Beef, cured, dried	28.35	1 oz	0.0
14037	Alcoholic beverage, distilled, all (gin, rum, vodka, whiskey) 80 proof	42	1.5 fl oz	0.0
19106	Candies, gumdrops, starch jelly pieces	22	10 bears	0.0
19106	Candies, gumdrops, starch jelly pieces	74	10 worms	0.0
19129	Syrups, table blends, pancake	20	1 tbsp	0.0
19107	Candies, hard	3	1 small piece	0.0
14290	Lemonade, low calorie, with aspartame, powder, prepared with water	237	8 fl oz	0.0
19108	Candies, jellybeans	28.35	10 large	0.0

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Choline, total (mg) Content of Selected Foods per Common Measure, sorted by nutrient content

NDB_No	Description	Weight (g)	Common Measure	Content per Measure
14121	Carbonated beverage, club soda	355	12 fl oz	0.0
14136	Carbonated beverage, ginger ale	366	12 fl oz	0.0
19156	Candies, MARS SNACKFOOD US, STARBURST Fruit Chews, Original fruits	5	1 piece	0.0
19176	Gelatin desserts, dry mix, reduced calorie, with aspartame, prepared with water	117	1/2 cup	0.0
14143	Carbonated beverage, low calorie, other than cola or pepper, without caffeine	355	12 fl oz	0.0
11028	Bamboo shoots, canned, drained solids	131	1 cup	0.0
19283	Frozen novelties, ice type, pop	59	1 bar (2 fl oz)	0.0
19335	Sugars, granulated	4.2	1 tsp	0.0
01073	Dessert topping, semi solid, frozen	4	1 tbsp	0.0
01072	Dessert topping, pressurized	4	1 tbsp	0.0
01067	Cream substitute, liquid, with hydrogenated vegetable oil and soy protein	15	1 tbsp	0.0
19336	Sugars, powdered	8	1 tbsp	0.0
19106	Candies, gumdrops, starch jelly pieces	4.2	1 medium	0.0