Vitamins

VITAMIN	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
Biotin	 Energy storage Protein, carbohydrate, and fat metabolism 	 Avocados Cauliflower Eggs Fruits (e.g., raspberries) Liver Pork Salmon Whole grains 	30 mcg
Choline	 Brain development Cell signaling Lipid (fat) transport and metabolism Liver function Muscle movement Nerve function Normal metabolism 	 Beans and peas Egg yolks Fish (e.g., cod and salmon) Liver (e.g., beef and chicken) Milk Nuts Salmon Soy foods Vegetables (e.g., broccoli, cauliflower, spinach) 	550 mg
Folate/Folic Acid	 Prevention of birth defects Protein metabolism Red blood cell formation 	 Asparagus Avocados Beans and peas Enriched grain products (e.g., bread, cereal, pasta, rice) Green leafy vegetables (e.g., spinach) Oranges and orange juice 	400 mcg DFE**

Vitamins (cont'd)

VITAMIN	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
Niacin	 Cholesterol production Conversion of food into energy Digestion Nervous system function 	 Beans Beef Enriched grain products (e.g., bread, cereal, pasta, rice) Nuts Pork Poultry Seafood Whole grains 	16 mg**
Pantothenic Acid	 Conversion of food into energy Fat metabolism Hormone production Nervous system function Red blood cell formation 	 Avocados Beans and peas Broccoli Eggs Milk Mushrooms Poultry Seafood Sweet potatoes Whole grains Yogurt 	5 mg
Riboflavin	 Conversion of food into energy Growth and development Red blood cell formation 	 Eggs Enriched grain products (e.g., bread, cereal, pasta, rice) Meat Milk Mushrooms Poultry Seafood (e.g., oysters) Spinach 	1.3 mg

Vitamins (cont'd)

VITAMIN	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
Thiamin	 Conversion of food into energy Nervous system function 	 Beans and peas Enriched grain products (e.g., bread, cereal, pasta, rice) Nuts Pork Sunflower seeds Whole grains 	1.2 mg
Vitamin A	 Growth and development Immune function Red blood cell formation Reproduction Skin and bone formation Vision 	 Cantaloupe Carrots Dairy products Eggs Fortified cereals Green leafy vegetables (e.g., spinach and broccoli) Pumpkin Red peppers Sweet potatoes 	900 mcg**
Vitamin B ₆	 Immune function Nervous system function Protein, carbohydrate, and fat metabolism Red blood cell formation 	ChickpeasFruits (other than citrus)PotatoesSalmonTuna	1.7 mg
Vitamin B ₁₂	 Conversion of food into energy Nervous system function Red blood cell formation 	 Dairy products Eggs Fortified cereals Meat Poultry Seafood (e.g., clams, trout, salmon, haddock, tuna) 	2.4 mcg

Vitamins (cont'd)

VITAMIN	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
Vitamin C	 Antioxidant Collagen and connective tissue formation Immune function Wound healing 	 Fruit (e.g., cantaloupe, citrus fruits, kiwifruit, and strawberries) Juices (e.g., oranges, grapefruit, and tomato) Vegetables (e.g., broccoli, Brussels sprouts, peppers, and tomatoes) 	90 mg
Vitamin D Nutrient to get more of	 Blood pressure regulation Bone growth Calcium balance Hormone production Immune function Nervous system function 	 Beef liver Egg yolks Fish (e.g., flounder, herring, salmon, trout, and tuna) Fish oil and cod liver oil Fortified dairy products Fortified orange juice Fortified soy beverages Fortified ready-to-eat cereals Mushrooms 	20 mcg**
Vitamin E	AntioxidantFormation of blood vesselsImmune function	 Fortified cereals and juices Green vegetables (e.g., spinach and broccoli) Nuts and seeds Peanuts and peanut butter Vegetable oils 	15 mg**
Vitamin K	Blood clottingStrong bones	Green vegetables (e.g., broccoli, kale, spinach, turnip greens, collard greens, Swiss chard, mustard greens)	120 mcg

^{*} The Daily Values are reference amounts of nutrients to consume or not to exceed each day.

^{**} Units of measurement have been updated. For more information, visit: https://go.usa.gov/xVvT3.

Minerals

MINERAL	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
Calcium Nutrient to get more of	 Blood clotting Bone and teeth formation Constriction and relaxation of blood vessels Hormone secretion Muscle contraction Nervous system function 	 Canned seafood with bones (e.g., salmon and sardines) Dairy products Fortified orange juice Fortified soy beverages Fortified ready-to-eat cereals Green vegetables (e.g., kale, broccoli, and collard greens) Tofu (made with calcium sulfate) 	1,300 mg
Chloride	 Acid-base balance Conversion of food into energy Digestion Fluid balance Nervous system function 	 Olives Rye Salt substitutes Seaweeds (e.g., dulse and kelp) Table salt and sea salt Vegetables (e.g., celery, lettuce, and tomatoes) 	2,300 mg
Chromium	 Insulin function Protein, carbohydrate, and fat metabolism 	 Broccoli Fruits (e.g., apples and bananas) Juices (e.g., grape and orange) Meat Spices (e.g., garlic and basil) Turkey Whole grains 	35 mcg
Copper	 Antioxidant Bone formation Collagen and connective tissue formation Energy production Iron metabolism Nervous system function 	 Chocolate and cocoa Crustaceans and shellfish Lentils Nuts and seeds Organ meats (e.g., liver) Whole grains 	0.9 mg

Minerals (cont'd)

MINERAL	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
lodine	Growth and developmentMetabolismReproductionThyroid hormone production	 Breads and cereals Dairy products lodized salt Potatoes Seafood Seaweed Turkey 	150 mcg
Iron Nutrient to get more of	 Energy production Growth and development Immune function Red blood cell formation Reproduction Wound healing 	 Beans, peas, and lentils Eggs Fruits (e.g., raisins and cantaloupe) Green vegetables (e.g., asparagus, beet greens, broccoli, spinach, and swiss chard) Meat Nuts Organ meats (e.g., liver) Poultry Seafood (e.g., crab, clams, sardines, shrimp, and oysters) Seeds Soy products (e.g., tofu) Whole grain, enriched, and fortified breads, cereals, pasta, and rice 	18 mg
Magnesium	 Blood pressure regulation Blood sugar regulation Bone formation Energy production Hormone secretion Immune function Muscle contraction Nervous system function Normal heart rhythm Protein formation 	 Avocados Beans and peas Dairy products Fruits (e.g., bananas and raisins) Green leafy vegetables (e.g.,spinach) Nuts and pumpkin seeds Potatoes Whole grains 	420 mg

Minerals (cont'd)

MINERAL	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
Manganese	 Carbohydrate, protein, and cholesterol metabolism Cartilage and bone formation Wound healing 	BeansNutsPineappleSpinachSweet potatoWhole grains	2.3 mg
Molybdenum	Enzyme production	Beans and peasNutsWhole grains	45 mcg
Phosphorus	 Acid-base balance Bone formation Energy production and storage Hormone activation 	 Beans and peas Dairy products Meat Nuts and seeds Poultry Seafood Whole grain, enriched, and fortified cereals and breads 	1,250 mg
Potassium Nutrient to get more of	 Blood pressure regulation Carbohydrate metabolism Fluid balance Growth and development Heart function Muscle contraction Nervous system function Protein formation 	 Beans Dairy products (e.g., milk and yogurt) Fruits (e.g., apricots, bananas, kiwifruit, cantaloupe, and grapefruit) Juices (e.g., carrot and other vegetables juices, orange, pomegranate, and prune) Seafood (e.g., clams, pollock, and trout) Tomato products Vegetables (e.g., potatoes, sweet potatoes, beet greens, and spinach) 	4,700 mg

Minerals (cont'd)

MINERAL	WHAT IT DOES	WHERE IT IS FOUND	DAILY VALUE*
Selenium	AntioxidantImmune functionReproductionThyroid function	 Eggs Enriched pasta and rice Meat Nuts (e.g., Brazil nuts) and seeds Poultry Seafood Whole grains 	55 mcg
Sodium Nutrient to get less of	 Acid-base balance Blood pressure regulation Fluid balance Muscle contraction Nervous system function 	 Deli meat sandwiches Pizza Burritos and tacos Soups Savory snacks (e.g., chips, crackers, popcorn) Poultry Pasta mixed dishes Burgers Egg dishes and omelets 	2,300 mg
Zinc	 Growth and development Immune function Nervous system function Protein formation Reproduction Taste and smell Wound healing 	 Beans and peas Beef Dairy products Fortified cereals Nuts Poultry Shellfish Whole grains 	11 mg

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