



## SUBSTITUTION LISTS

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Substitution lists are intended to be used in the case where menu adjustments are needed for specific items based on short term product outages or production changes.

To ensure substitutions are appropriate and meet the nutritional needs of participants served please follow these general guidelines:

- Milk should be low-fat (1%) or fat-free, unflavored is recommended.
- Vegetable servings include fresh, frozen, canned, rehydrated, or pasteurized 100 percent full-strength vegetable juice.
- The sodium content of vegetables can be reduced by serving fresh, frozen or no added salt products.
- A serving of cooked vegetables must be drained.
- Serving a variety of colors of vegetables throughout the week increases the nutritional value of meals served.
- Fruit Juice must be 100% juice to count as a fruit serving.
- Canned fruit is recommended purchased in extra light syrup. Light syrup, water or juice are also acceptable.
- The choice of fruit served should be adjusted based on service delivery style. For home delivered meals whole fruits may be preferred over fruits such as apple slices.
- Grain substitutions should be Whole Grain Rich products (whole grains, enriched grains, bran, and germ).
- Low sugar cereals should be used.
- Low sodium, low fat meat choices are recommended.
- Salads should be made with dark green lettuce selections such as romaine, kale, spinach, and spring mix.
- Salad dressing should be reduced calorie.
- Substitutions should be similar cooking methods. For example, substituting chicken for beef in a BBQ recipe is an acceptable substitution. Substituting scalloped potatoes for rosemary potatoes is not an acceptable substitution because the scalloped potatoes are much higher in fat, calories, and sodium.

# SUBSTITUTION LISTS

## BREADS AND STARCHES:

1oz serving.

Please note meal pattern requires 2oz per meal to meet requirements.

WG= Whole Grain Rich

Food Item	1oz Serving
Whole Wheat Bread	1 slice
Rye Bread	1 slice
Oatmeal Bread	1 slice
Raisin Bread	1 slice
Pumpernickel Bread	1 slice
WG Bagel	½ each
WG English Muffin	½ each
WG Hot Dog Bun	½ each
WG Hamburger Bun	½ each
WG Pita 6 inch	1 each
WG Tortilla 6 inch	1 each
WG Roll, small	1 each
WG Breadsticks	1 each
Graham Crackers 2-1/2" square	3 each
Animal Crackers	8 each
WG soda crackers	6 each
WG cooked cereal	½ cup
WG cold cereal	1 cup
WG granola	¼ cup
WG Biscuit 2 ½ inch	1 each
WG Muffin, small 1oz	1 each
WG Pancake 4 inch	2 each
WG Waffle, 4 ½ inch	1 each
Cornbread 2 inch	1 each
Granola Bar	1 each
WG Cooked Pasta	½ cup
WG Cooked Rice	½ cup

## SUBSTITUTION LISTS

### MEAT AND MEAT ALTERNATES:

Please note lunch meal pattern requires 3oz per meal.

Breakfast pattern requires 1oz per meal to meet requirements.

Food Item	Serving Size
Round Steak	3oz
Sirloin	3oz
Flank Steak	3oz
Beef Tenderloin	3oz
Ground Beef (90 to 95% recommended)	3oz
Chipped Beef	3oz
Pork (tenderloin, roast, chops, cutlets)	3oz
Ground Turkey	3oz
Ground Chicken	3oz
Fresh or Frozen Fish	3oz
Tuna or Salmon (canned in water)	3oz
Crab, Lobster, Scallops, Shrimp, Clams	3oz
Cottage Cheese (reduced sodium recommended)	½ cup
Reduced sodium turkey or chicken sausage	3oz
Reduced sodium bacon or turkey bacon	3oz
Chicken (baked, broiled, roasted without skin)	3oz
Turkey (baked, broiled, roasted without skin)	3oz
Reduced sodium lunchmeat	3oz
Egg substitute	3oz
Egg	3 each
Mozzarella Cheese	3oz
Liver (serve rarely due to high cholesterol item)	3oz
Tofu	4oz
Peanut Butter	4 TBSP

# SUBSTITUTION LISTS

## VEGETABLES

Standard Serving Size:

½ cup cooked

½ cup juice

1 cup raw

Food Item	Good Source Vitamin A	Good Source Vitamin C
Asparagus		
Beans (green, wax, Italian)		
Beets		
Broccoli	X	X
Brussels Sprouts		X
Cooked Cabbage		
Carrots	X	
Cauliflower		X
Egg Plant		
Potatoes		
Yams/Sweet Potatoes	X	
Pumpkin	X	X
Red Peppers	X	X
Collard Greens	X	
Mustard Greens	X	
Turnip Greens	X	X
Cooked Mushrooms		
Okra		
Onions		
Pea Pods		
Green Peppers		X
Rutabaga		
Spinach (1/2c cooked, 1c raw)	X	X
Summer Squash	X	X
Tomato (One Large)		X
Reduced Sodium Tomato Juice		X
Turnip		
Water Chestnuts		
Zucchini (1/2c cooked, 1c raw)		
Raw Cabbage		X
Celery		
Cucumber		
Dark Green Lettuce (Romaine, field greens)	X	X

## SUBSTITUTION LISTS

### FRUITS

Canned fruit is recommended to be purchased in juice, or extra light syrup.

Light syrup and water are also acceptable.

Food Item- Fresh, Frozen or Canned	Serving Size	Good Source Vitamin A	Good Source Vitamin C
Apple, Raw, 2-inch diameter	1 each		
Applesauce	½ cup		
Apricots, Raw, Medium	4 each	X	
Apricots, Canned	½ cup or 4 halves	X	
Banana, 9 inches long	½ each		
Blackberries, Raw	¾ cup		X
Blueberries, Raw	¾ cup		
Cantaloupe, Cubes	1 cup	X	X
Cherries, Large Raw	12 each		
Cherries, Canned	½ cup		
Fruit Cocktail, Canned	½ cup		
Grapefruit, Medium	½ each		X
Grapefruit, Canned	¾ cup		X
Grapes, Small	15 each		
Honeydew Melon, Cubes	1 cup		X
Kiwi, Large	1 each		
Mandarin Oranges	½ cup		
Mango, Small	½ each	X	
Nectarine, 1 ½ inch	1 each		X
Orange, 2 ½ inch	1 each		X
Papaya	1 cup		X
Peaches, Raw	1 each or ¾ cup	X	
Peaches, Canned	½ cup or 2 halves	X	
Pear, Raw, small	1 each		
Pear, Canned	½ cup or 2 halves		
Pineapple, Raw	¾ cup		X
Pineapple, Canned	½ cup		X
Plum, Raw 2 inch	2 each		

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## FRUITS

Fruit juice must be 100% juice to meet requirements.

Food Item- Fresh, Frozen or Canned	Serving Size	Good Source Vitamin A	Good Source Vitamin C
Raspberries, Raw	1 cup		X
Strawberries, Raw Whole	1 cup		X
Tangerine, 2 ½ in	2 each		X
Watermelon Cubes	1 cup		
Food Item- Juice	Serving Size	Good Source Vitamin A	Good Source Vitamin C
Apple Juice	½ cup		
Apple Cider	½ cup		
Cranberry Juice Cocktail	1/3 cup		
Grapefruit Juice	½ cup		X
Grape Juice	1/3 cup		
Orange Juice	½ cup		X
Pineapple Juice	½ cup		X
Prune Juice	1/3 cup		
Food Item- Dried Fruit	Serving Size	Good Source Vitamin A	Good Source Vitamin C
Apple Rings	4 each		
Apricot, Halves	7 each		
Dates, Medium	10 each		
Figs	10 each		
Prunes, Medium	3 each		
Raisins	2 TBSP		