

Vegetables/ Fruits

Requirements

Regulations for the Child Nutrition Programs require that each reimbursable breakfast, lunch, or supper served contain vegetables and/or fruits. Vegetables and fruits may also be served as part of reimbursable snacks for the National School Lunch, Child and Adult Care Food, or Summer Food Service Programs. The food pattern requirements are described in the Meal Pattern Charts on pages I-7 through I-27.



Specific requirements:

- Two or more servings of *different* vegetables and/or fruits must be served to meet the vegetable/fruit requirement at lunch and/or supper.
- You may not count any single fruit or vegetable as a serving unless it provides at least 1/8 cup. The importance of adequate and recognizable amounts of fruits and vegetables must be considered in menu planning in order to ensure a well-balanced meal and to illustrate healthy choices from the Food Guide Pyramid.
- Any liquid or frozen product labeled “juice,” “full-strength juice,” “single-strength juice,” or “reconstituted juice” is considered full-strength juice. To be used in meeting a part of the vegetable/fruit requirement for lunches and snacks, the product must contain a minimum of 50 percent full-strength juice. Only the amount of full strength juice contained in a juice drink product is creditable.
- Only 100-percent full-strength juice may be used in a breakfast. This means that 50% juice drink products may not be served as part of a reimbursable breakfast meal.
- For lunch or supper you may meet no more than 1/2 of the total requirement with full-strength vegetable or fruit juice. Full-strength juice may be used to meet the total requirement for breakfast or as one component of a snack.
- You may not serve juice if you serve milk as the only other component of a snack.
- You may count a serving of cooked dry beans or peas as a vegetable or as a meat alternate, but not as both components in the same meal.

- Menu items that are mixtures, for example fruit cocktail and mixed vegetables, only count as one vegetable/fruit serving.
- Large combination vegetable/fruit salads, served as an entrée containing at least 3/4 cup or more of two or more different vegetables/fruits in combination with a meat/meat alternate, such as a chef's salad or a fruit plate with cottage cheese, are considered as two or more servings of the vegetable/fruit component and will meet the full requirement. If only two vegetables/fruits are included in the salad, the second vegetable/fruit must contain a minimum of 1/8 cup.



To help meet nutritional standards and/or goals, and respond to dietary guidelines, USDA recommends that:

- meals include a vitamin A-rich vegetable or fruit at least two to three times a week;
- meals include a vitamin C-rich vegetable or fruit three to four times a week, and breakfasts include them frequently;
- meals include a variety of vegetables and fruits; and
- meals include foods that are good sources of fiber, such as fresh fruits and vegetables and whole grain products.

For further information refer to the appropriate program planning guide: *Menu Planner for Healthy School Meals* (FNS-303); *Building Blocks for Fun and Healthy Meals - A Menu Planner for the CACFP* (FNS-305); or the *Sponsor Meal Preparation Handbook for the Summer Food Service Program* (FNS-207).

Crediting of Fruits and Vegetables

- A serving of cooked vegetable is considered to be *drained*. If it is a canned, heated vegetable, use the listing in Column 4 that reads “1/4 cup heated, drained vegetable.” If it is served unheated, the appropriate listing is “1/4 cup drained vegetable.”
- A serving of raw vegetable used in salads with dressing is shown as “1/4 cup raw vegetable (pieces, shredded, chopped) with dressing.”
- A serving of canned fruit (as described in Column 4) may include the juice or syrup in which the fruit is packed. Serving information is also provided for drained fruit.

Crediting of Vegetable and Fruit Concentrates

- A serving of fruit consists of fruit and juice or syrup even where it is only described as “cooked.”
- A serving of thawed frozen fruit consists of fruit plus the juice or syrup that accumulated during thawing.

Vegetable and fruit concentrates are allowed to be credited on an “as if single-strength reconstituted basis” rather than on the actual volume as served. See the examples that follow:

How to Use Information on Concentrates:

Method 1 – Multiply the number of pounds of concentrate used by the creditable 1/4-cup servings per pound of concentrate.

Example: A recipe calls for 4 lb 12 oz (4.75 lb) of tomato paste. Each pound of tomato paste provides 27.6 creditable servings of vegetable. Thus, $4.75 \times 27.6 = 131.1$ servings. Therefore, the tomato paste in the recipe provides 131.1 creditable 1/4-cup servings of vegetable.

Method 2 – Multiply the number of No. 10 cans of concentrate in the recipe by the number of creditable 1/4-cup servings provided by one No. 10 can of the concentrate.

Example: Two No. 10 cans of tomato puree are used in a recipe. One No. 10 can of tomato puree provides 96 creditable 1/4-cup servings of vegetable. Thus, $2 \times 96 = 192$. Therefore, 192 creditable 1/4-cup servings would be provided by the two No. 10 cans of tomato puree.

*Yield figures for vegetables and fruits are for on-site preparation. They do **not** allow for losses that may occur in prepared products (both preportioned and bulk) during freezing, storage, heating, and serving. Other factors may affect yields: quality and condition of the food, storage conditions, handling procedures, equipment used in preparation, cooking and holding times, serving utensils, and portion control.*



Factors Affecting Yields

Yields of vegetables and fruits vary according to the form of food used. For example:

- Frozen vegetables usually yield more servings per pound than fresh vegetables since the frozen ones are cleaned, blanched, and ready to cook.
- Dehydrated vegetables and fruits yield more servings per pound than fresh, frozen, or canned because they gain weight and volume as they absorb water during soaking and cooking. Some dehydrated products, particularly fruits, continue to expand while cooling.
- The weight of canned vegetables and fruits varies due to different densities of the food. A No. 10 can yields an average of 12 to 13-2/3 cups, from 96 oz (6 lb) to 117 oz (7 lb 5 oz).

Definitions

- **Count** – The number of whole fruits or vegetables contained or packed in a specific container. The higher the count, the smaller the size of each fruit or vegetable.
- **Pared** – When the outer covering (skin or peel) of a fruit or vegetable has been removed.
- **Tempered** – Frozen fruit or vegetable brought to room temperature; thawed but not heated.
- **Size** – The number of pieces of whole fruits or vegetables in 10 pounds of product.
- **Unpared** – When the outer covering (skin or peel) of a fruit or vegetable has not been removed.

Products That Do Not Meet Requirements

The following products **do not qualify** as vegetable or fruit and may **not** be credited toward meeting the vegetable/fruit requirement in any meal served under the Child Nutrition Programs:

- snack-type foods made from vegetables or fruits, such as potato chips, banana chips, or popcorn;
- pickle relish, jam, or jelly;
- tomato catsup and chili sauce;
- home canned products (for food safety reasons); or
- dehydrated vegetables used for seasoning.

Information Included in this Section

Over 700 entries for vegetables and fruits—fresh, canned, frozen, and dehydrated—are listed alphabetically. Data for canned and frozen juices and canned soups are also provided in this section.

Vegetable and fruit information includes:

- yield information on common institutional packs, smaller packs, and 1-pound units of many fresh, canned, and frozen vegetables and fruits;
- whenever available, data on unsweetened canned and frozen fruits or those packed in juice, light syrup, or water;
- net weight of contents of the can (including liquid) under the can size in Column 2, except where noted;
- minimum weight and volume of drained vegetables or fruits in Column 6;
- yields in terms of 1/4-cup servings, unless noted;
- contribution to the meal patterns;
- yield information on juice concentrates, tomato paste, and tomato puree as if reconstituted to full strength;
- yield information on canned soups that contain at least 1/4 cup of vegetable per cup of soup; and
- yield information for all vegetables/fruits based on *volume*, not weight. This includes dry or dehydrated fruits and vegetables.

Explanation of the Columns

The data on vegetables and fruits in the following table include yield information on *common types* and *customary serving sizes* of products that you can buy on the market as well as some USDA Commodity products.

- Column 1 **Food As Purchased, AP:** The individual foods are arranged in alphabetical order.
- Column 2 **Purchase Unit:** The purchase unit is specified, such as, 1 can (generally No. 10, No. 2-1/2, or No. 300), 1 pound, or 1 package. You can use data for one purchase unit to determine how much you need for any number of servings.
- Column 3 **Servings per Purchase Unit EP (Edible Portion):** This column shows the number of servings of a given size (found in Column 4) from each purchase unit (found in Column 2). Numbers in this column are sometimes rounded *down* in order to help ensure enough food for the number of servings.

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- Column 4 **Serving Size per Meal Contribution:** The size of a serving is given as a measure and/or weight or number of pieces. In most cases the serving size and contribution to the meal pattern are the same. When they differ, the contribution is shown in parentheses under the serving size.
- Column 5 **Purchase Units for 100 Servings:** This column shows the number of purchase units (found in Column 2) you need for 100 servings. Numbers in this column are generally rounded *up* in order to ensure enough food is purchased for the number of servings.
- Column 6 **Additional Information:** This column gives other information to help you calculate the amount of food you need to prepare meals.

Food Buying Guide for Child Nutrition Programs

Section 2 Vegetables/Fruits

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
APPLES					
Apples, fresh 125-138 count Whole	Pound	14.8	1/4 cup raw, unpeeled fruit (about 1/4 apple)	6.8	1 lb AP = 0.91 lb (3-2/3 cups) ready-to-cook or -serve raw, cored, unpeeled apple
	Pound	3.00	1 baked apple (about 1/2 cup cooked fruit)	33.4	
	Pound	11.4	1/4 cup raw, cored, peeled fruit	8.8	1 lb AP = 0.78 lb (about 2-3/4 cups) ready-to-cook or -serve raw, cored, peeled apple
	Pound	6.80	1/4 cup cored, peeled, cooked, unsweetened fruit	14.8	1 lb AP = 0.78 lb (about 1-3/4 cups) cored, peeled, cooked apple
	Pound	5.80	1/4 cup cooked, sieved unsweetened fruit	17.3	
Apples, fresh 100 count Whole	Pound	15.6	1/4 cup raw, unpeeled fruit (about 1/5 apple)	6.5	1 lb AP = 0.93 lb (about 3-7/8 cups) ready-to-cook or -serve raw, cored, unpeeled apple
Apples, canned Slices Solid pack Includes USDA Commodity	No. 10 can (100 oz)	50.4	1/4 cup fruit and juice	2.0	1 No. 10 can = about 89.0 oz (11-7/8 cups) drained apple
	Pound	8.06	1/4 cup fruit and juice	12.5	
Apples, frozen Sliced, IQF Includes USDA Commodity	Pound	12.7	1/4 cup tempered fruit	7.9	1 lb AP = 0.99 lb (about 3-1/8 cups) tempered ready to-cook or serve apples
	Pound	8.80	1/4 cup heated fruit	11.4	
Apples, dehydrated Slices or Rings Regular moisture	Pound	21.1	1/4 cup dehydrated fruit	4.8	1 lb AP = about 5-1/4 cups dehydrated apple
	Pound	28.7	1/4 cup cooked fruit	3.5	

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APPLESAUCE					
Applesauce, canned <i>Smooth or Chunky</i> Includes USDA Commodity	No. 10 can (108 oz)	47.6	1/4 cup fruit	2.2	1 No. 10 can = about 12 cups applesauce
	No. 2-1/2 can (29 oz)	12.8	1/4 cup fruit	7.9	1 No. 2-1/2 can = about 3-1/8 cups applesauce
	23 oz jar	10.1	1/4 cup fruit	10.0	
APRICOTS					
Apricots, fresh <i>Medium</i> (approx. 1-3/8 inch diameter) <i>Whole</i>	Pound	11.9	1/4 cup fruit (about 1 whole, medium, raw apricot)	8.5	1 lb AP = 0.93 lb ready-to-serve raw apricots
	Pound	10.8	1/4 cup raw, seeded and unpeeled fruit halves	9.3	
Apricots, canned <i>Diced</i> Includes USDA Commodity	1 No. 10 can (108 oz)	48.0	1/4 cup fruit and juice	2.1	1 No. 10 can = about 12 cups fruit and juice
Apricots, canned <i>Halves</i> <i>Unpeeled</i>	No. 10 can (106 oz)	48.0	1/4 cup fruit and juice	2.1	1 No. 10 can = about 62.0 oz (7-1/3 cups) drained apricots
	No. 2-1/2 can (29 oz)	13.2	1/4 cup fruit and juice	7.6	1 No. 2-1/2 can = about 16.0 oz (1-7/8 cups) drained apricots
	No. 300 can (15-1/4 oz)	6.54	1/4 cup fruit and juice	15.3	
	No. 300 can (15-1/4 oz)	6.08	1/4 cup heated, drained fruit	16.5	
Apricots, canned <i>Slices</i> <i>Peeled</i>	No. 10 can (106 oz)	45.7	1/4 cup fruit and juice	2.2	1 No. 10 can = about 62.0 oz (7-2/3 cups) drained apricots
	No. 2-1/2 can (29 oz)	12.5	1/4 cup fruit and juice	8.0	1 No. 2-1/2 can = about 17.2 oz (2 cups) drained apricots
	Pound	6.90	1/4 cup fruit and juice	14.5	1 lb AP = about 8.9 oz (1-1/8 cups) drained apricots

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
APRICOTS (continued)					
Apricots, canned <i>Whole</i> <i>With pits</i> <i>Peeled</i>	No. 10 can (106 oz)	44.2	1/4 cup pitted fruit and juice	2.3	1 No. 10 can = about 52.0 oz (7-1/4 cups) drained, pitted apricots
	No. 2-1/2 can (29 oz)	12.1	1/4 cup pitted fruit and juice	8.3	1 No. 2-1/2 can = about 12.4 oz (1-3/4 cups) drained, pitted apricots
	Pound	6.67	1/4 cup pitted fruit and juice	15.0	1 lb AP = about 6.9 oz (1 cup) drained, pitted apricots
Apricots, canned <i>Whole</i> <i>With pits</i> <i>Unpeeled</i>	No. 10 can (106 oz)	43.6	1/4 cup pitted fruit and juice	2.3	1 No. 10 can = about 53.0 oz (6-1/3 cups) drained, pitted apricots
	No. 2 can (29 oz)	11.9	1/4 cup pitted fruit and juice	8.5	1 No. 2-1/2 can = about 12.8 oz (1-3/4 cups) drained pitted apricots
	Pound	6.58	1/4 cup pitted fruit and juice	15.2	1 lb AP = about 7.0 oz (7/8 cup) drained, pitted apricots
Apricots, frozen <i>Halves</i> <i>Unpeeled</i>	Pound	6.70	1/4 cup cooked fruit and juice	15.0	1 lb AP = 1-2/3 cups cooked fruit
	Pound	7.25	1/4 cup thawed fruit and juice	13.8	1 lb AP = 1-3/4 cups thawed fruit and juice
	Pound	4.90	1/4 cup thawed, drained fruit	20.5	1 lb AP = 1-1/8 cups thawed, drained fruit
Apricots, frozen <i>Sliced</i> <i>Unpeeled</i> <i>Includes USDA Commodity</i>	Pound	7.26	1/4 cup thawed fruit and juice	13.8	1 lb AP = 0.98 lb (about 1-3/4 cups) ready-to-serve, thawed, apricots with juice
	Pound	4.91	1/4 cup thawed, drained fruit	20.4	1 lb AP = 0.63 lb (about 1-1/8 cups) ready-to-serve, thawed, drained apricots
	20 lb bag	142.6	1/4 cup thawed fruit and juice	0.71	20 lb Bag = about 35-2/3 cups thawed apricots and juice
	20 lb bag	96.4	1/4 cup thawed, drained fruit	1.1	20 lb Bag = about 24-1/8 cups thawed, drained apricots

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
APRICOTS (continued)					
Apricots, dehydrated <i>Halves</i> <i>Regular moisture</i>	Pound	11.3	9 medium dehydrated halves (1/4 cup fruit)	8.9	1 lb dry = about 2-7/8 cups or 100 apricot halves
	Pound	23.4	1/4 cup cooked fruit	4.3	
ARTICHOKES					
Artichokes, fresh <i>36 count (large)</i> <i>Untrimmed</i> <i>Whole</i>	Pound	1.49	1/4 cup cooked, drained vegetable from leaves	67.2	1 lb AP = 0.23 lb (about 1/3 cup) cooked, drained artichoke
	Pound	1.38	1/4 cup cooked, drained vegetable (bottoms only)	72.5	1 lb AP= about 1/3 cup cooked artichoke from bottoms only
	Pound	2.84	1/4 cup cooked, drained vegetable (bottoms & leaves)	35.3	1 lb AP = about 2/3 cup cooked, drained artichoke bottoms and leaves
Artichokes, canned <i>Bottoms</i>	No. 300 can (14 oz)	5.97	1/4 cup drained vegetable	16.8	1 No. 300 can = about 7.7 oz (1-3/8 cups) drained, unheated artichoke
Artichokes, canned <i>Hearts</i>	No. 300 can (14 oz)	4.67	1/4 cup drained vegetable	21.5	1 No. 300 can = about 8.0 oz (1-1/8 cups) drained, unheated artichoke
Artichokes, frozen <i>Hearts</i>	Pound	10.0	1/4 cup cooked, drained vegetable	10.0	1 lb AP = 0.99 lb (about 2-1/2 cups) cooked, drained artichoke
ASPARAGUS					
Asparagus, fresh <i>Whole</i>	Pound	4.80	1/4 cup cooked vegetable	20.9	1 lb AP = 0.53 lb ready-to-cook trimmed, raw asparagus
	Pound	4.80	1/4 cup cooked cuts and tips (1/4 cup vegetable)	20.9	1 lb AP = 0.50 lb cooked asparagus

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
ASPARAGUS (continued)					
Asparagus, canned <i>Cuts and Tips</i>	No. 10 can (103 oz)	27.8	1/4 cup heated, drained vegetable	3.6	1 No. 10 can = about 57.3 oz (6-7/8 cups) heated, drained asparagus
	No. 10 can (103 oz)	32.4	1/4 cup drained vegetable	3.1	1 No. 10 can = about 57.1 oz (8 cups) drained, unheated asparagus
	No. 300 can (14-1/2 oz)	3.45	1/4 cup heated, drained vegetable	29.0	1 No. 300 can = about 6.8 oz (3/4 cup) heated, drained asparagus
	No. 300 can (14-1/2 oz)	4.83	1/4 cup drained vegetable	20.8	1 No. 300 can = about 8.7 oz (1-1/8 cups) drained, unheated asparagus
	Pound	4.31	1/4 cup heated, drained vegetable	23.3	
	Pound	5.03	1/4 cup drained vegetable	19.9	
Asparagus, canned <i>Spears</i>	No. 5 squat can (64 oz)	26.4	1/4 cup drained vegetable	3.8	1 No. 5 can = about 38.0 oz (6-2/3 cups) drained, unheated asparagus
	No. 300 can (15 oz)	3.87	1/4 cup heated, drained vegetable	25.9	1 No. 300 can = about 7.3 oz (7/8 cup) heated, drained asparagus
	No. 300 can (15 oz)	4.59	1/4 cup drained vegetable	21.8	1 No. 300 can = about 8.5 oz (1-1/8 cups) drained, unheated asparagus
	Pound	6.60	1/4 cup drained vegetable	15.2	
Asparagus, frozen <i>Cuts and Tips</i>	Pound	8.10	1/4 cup cooked vegetable	12.4	
Asparagus, frozen <i>Spears</i>	Pound	10.7	1/4 cup cooked vegetable	9.4	
AVOCADOS					
Avocados, fresh <i>All sizes</i> <i>Whole</i>	Pound	8.20	1/4 cup raw, diced vegetable	12.2	1 lb AP = 0.67 lb ready-to-serve raw avocado
	Pound	5.10	1/4 cup raw, mashed vegetable	19.7	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
AVOCADOS (continued)					
Avocados, fresh <i>California</i> 48 count (approx. 2.5-inch width by 3.5-inch length) Whole	Pound	5.52	1/4 cup peeled, sliced, raw vegetable (about 3 slices) (3/8-inch by 3.5-inch slices)	18.2	1 lb AP = 0.69 lb ready-to-serve, raw, peeled avocado [about 2-2/3 portions (1/4 cup each portion) per avocado]
Avocados, fresh <i>Florida</i> (approx. 3.5-inch width by 4.75-inch length) Whole	Pound	7.07	1/4 cup peeled, sliced, raw vegetable (about 2 slices) (1/2-inch by 4.5-inch slices)	14.2	1 lb AP = 0.59 lb ready-to-serve, raw, peeled, sliced [about 7-1/2 portions (1/4 cup each portion) per avocado]
BAMBOO SHOOTS					
Bamboo Shoots, canned <i>Sliced</i>	No. 10 can (104 oz)	47.4	1/4 cup drained vegetable	2.2	1 No. 10 can = about 72.7 oz (11-3/4 cups) drained, unheated bamboo shoots
BANANAS¹					
Bananas, fresh 150 count <i>Petite</i> Whole	Pound	3.60	1 banana (about 3/8 cup fruit)	27.8	
	Pound	6.51	1/4 cup sliced fruit	15.4	1 lb AP = 0.64 lb (about 1-5/8 cups) ready-to-serve banana slices
Bananas, fresh 100-120 count <i>Regular</i> Whole	Pound	7.07	1/4 cup raw 1/2-inch sliced fruit	14.2	1 lb AP = 0.64 lb (about 1-3/4 cups) peeled 1/2-inch slices of banana
	Pound	5.39	1/4 cup raw fruit, unpeeled (about 1/2 banana)	18.6	
	Pound	5.20	1/4 cup mashed fruit	19.3	
Bananas, canned <i>Mashed</i>	No. 10 can (116 oz)	50.9	1/4 cup fruit	2.0	
	Pound	7.00	1/4 cup fruit	14.3	
Bananas, dehydrated¹ <i>Slices</i> 100% dried fruit only	Pound	19.6	1/4 cup dehydrated fruit slices	5.2	1 lb AP = 1 lb (about 4-7/8 cups) ready-to-serve dehydrated banana

¹ Note: Fried banana chips are not creditable towards meal pattern requirements.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, BLACK (TURTLE BEANS)					
Beans, Black (Turtle beans), dry, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (110 oz)	27.8	1/4 cup heated, drained vegetable	3.6	1 No. 10 can = about 62.0 oz (6-7/8 cups) heated, drained beans
	No. 300 can (15-1/2 oz)	5.91	1/4 cup heated, drained vegetable	17.0	1 No. 300 can = about 10.5 oz (1-3/8 cups) heated, drained beans
Beans, Black (Turtle beans), dry <i>Whole</i>	Pound	18.3	1/4 cup cooked vegetable	5.5	1 lb dry = 2-1/4 cups dry beans
BEANS, BLACK-EYED (or PEAS)					
Beans, Black-eyed (or Peas), fresh <i>Shelled</i>	Pound	10.3	1/4 cup cooked, drained vegetable	9.8	1 lb in pod = 0.51 lb ready-to-cook beans
Beans, Black-eyed (or Peas), dry, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (108 oz)	37.7	1/4 cup heated, drained vegetable	2.7	1 No. 10 can = about 65.0 oz (9-3/8 cups) heated, drained beans
	No. 300 can (15 oz)	4.91	1/4 cup heated, drained vegetable	20.4	
Beans, Black-eyed (or Peas), frozen <i>Whole</i>	Pound	11.2	1/4 cup cooked, drained vegetable	9.0	
Beans, Black-eyed (or Peas), dry <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	28.3	1/4 cup cooked vegetable	3.6	1 lb dry = about 2-3/4 cups dry beans
BEANS, GARBANZO or CHICKPEAS					
Beans, Garbanzo or Chickpeas, dry, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	42.0	1/4 cup drained vegetable	2.4	1 No. 10 can = about 68.4 oz (10-1/2 cups) unheated, drained beans
	No. 300 can (15 oz)	6.70	1/4 cup drained vegetable	15.0	1 No. 300 can = about 9.6 oz (1-2/3 cups) unheated, drained beans
	Pound	6.31	1/4 cup drained vegetable	15.9	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, GARBANZO OR CHICKPEAS (continued)					
Beans, Garbanzo or Chickpeas, dry <i>Whole</i>	Pound	24.6	1/4 cup cooked vegetable	4.1	1 lb dry = about 2-1/2 cups dry beans
BEANS, GREAT NORTHERN					
Beans, Great Northern, dry, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (110 oz)	32.4	1/4 cup heated, drained vegetable	3.1	1 No. 10 can = about 68.5 oz (about 8-1/8 cups) heated, drained beans
	No. 300 can (14 oz)	4.37	1/4 cup heated, drained vegetable	22.9	
Beans, Great Northern, dry <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	25.5	1/4 cup cooked vegetable	4.0	1 lb dry = about 2-1/2 cups dry beans
BEANS, GREEN					
Beans, Green, fresh <i>Trimmed</i> <i>Whole</i> <i>Ready-to-use</i>	Pound	22.0	1/4 cup whole, raw vegetable	4.6	1 lb AP = 1 lb (about 5-3/8 cups) ready-to-cook
	Pound	12.4	1/4 cup whole, cooked, drained vegetable	8.1	1 lb AP = 0.86 lb (about 3 cups) cooked, drained beans
	Pound	16.4	1/4 cup cut, raw vegetable	6.1	1 lb AP = 1 lb (about 4 cups) ready-to-cook beans
	Pound	11.2	1/4 cup cut, cooked, drained vegetable	9.0	1 lb AP = 0.89 lb (about 2-3/4 cups) cooked, drained, cut beans
Beans, Green, fresh <i>Untrimmed</i> <i>Whole</i>	Pound	11.1	1/4 cup whole, cooked vegetable	9.1	1 lb AP = 0.88 lb ready-to-cook beans

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BEANS, GREEN (continued)					
Beans, Green, canned <i>Cut</i> <i>Includes USDA Commodity</i>	No. 10 can (101 oz)	45.3	1/4 cup heated, drained vegetable	2.3	
	No. 10 can (101 oz)	51.1	1/4 cup drained vegetable	2.0	1 No. 10 can = about 60.0 oz (12-7/8 cups) drained, unheated beans
	No. 2-1/2 can (28 oz)	12.5	1/4 cup heated, drained vegetable	8.0	
	No. 2-1/2 can (28 oz)	14.1	1/4 cup drained vegetable	7.1	1 No. 2-1/2 can = about 16.0 oz (3-1/2 cups) drained, unheated beans
	No. 300 can (15 oz)	5.00	1/4 cup heated, drained vegetable	20.0	1 No. 300 can = about 7.4 oz (1-1/4 cups) heated, drained beans
	No. 300 can (15 oz)	5.77	1/4 cup drained vegetable	17.4	1 No. 300 can = about 7.7 oz (1-3/8 cups) drained, unheated beans
	Pound	7.17	1/4 cup heated, drained vegetable	14.0	
	Pound	8.10	1/4 cup drained vegetable	12.4	
Beans, Green, canned <i>French style</i> <i>Includes USDA Commodity</i>	No. 10 can (101 oz)	36.5	1/4 cup heated, drained vegetable	2.8	1 No. 10 can = about 59.0 oz (12 cups) drained, unheated beans
	No. 2-1/2 can (28 oz)	10.1	1/4 cup heated, drained vegetable	10.0	1 No. 2-1/2 can = about 16.2 oz (3-1/4 cups) heated, drained beans
	No. 300 can (14-1/2 oz)	3.60	1/4 cup heated, drained vegetable	27.8	1 No. 300 can = about 5.7 oz (7/8 cup) heated, drained beans
	No. 300 can (14-1/2 oz)	4.50	1/4 cup drained vegetable	22.3	1 No. 300 can = about 10.1 oz (1-1/8 cup) drained, unheated beans
	Pound	5.80	1/4 cup heated, drained vegetable	17.3	

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, GREEN (continued)					
Beans, Green, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (101 oz)	39.5	1/4 cup heated, drained vegetable	2.6	1 No. 10 can = about 58.0 oz (13 cups) drained, unheated beans
	No. 10 can (101 oz)	52.2	1/4 cup drained vegetable	2.0	
	No. 2-1/2 can (28 oz)	14.4	1/4 cup heated, drained vegetable	7.0	1 No. 2-1/2 can = about 16.0 oz (3-5/8 cups) drained, unheated beans
	No. 300 can (14-1/2 oz)	4.58	1/4 cup heated, drained vegetable	21.9	1 No. 300 can = about 7.3 oz (1-1/8 cups) heated, drained beans
	No. 300 can (14-1/2 oz)	6.95	1/4 cup drained vegetable	14.4	1 No. 300 can = about 7.6 oz (1-5/8 cups) drained, unheated beans
	Pound	8.20	1/4 cup drained vegetable	12.2	
Beans, Green, frozen <i>Cut</i> <i>Includes USDA Commodity</i>	Pound	11.6	1/4 cup cooked, drained vegetable	8.7	
Beans, Green, frozen <i>French style</i> <i>Includes USDA Commodity</i>	Pound	12.0	1/4 cup cooked, drained vegetable	8.4	
Beans, Green, frozen <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	10.7	1/4 cup cooked, drained vegetable	9.4	1 lb AP = 0.88 lb (about 2-5/8 cups) cooked vegetable
BEANS, GREEN, FLAT ITALIAN					
Beans, Green, Flat Italian, canned <i>Whole</i>	No. 10 can (103 oz)	35.1	1/4 cup heated, drained vegetable	2.9	1 No. 10 can = about 56.6 oz (8-3/4 cups) heated, drained beans
	No. 10 can (103 oz)	42.7	1/4 cup drained vegetable	2.4	1 No. 10 can = about 63.3 oz (10-5/8 cups) drained, unheated beans

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, GREEN, FLAT ITALIAN (continued)					
Beans, Green, Flat Italian, frozen Whole	Pound	9.30	1/4 cup cooked, drained vegetable	10.8	1 lb AP = 0.91 lb (about 2-1/4 cups) cooked, drained beans
BEANS, KIDNEY					
Beans, Kidney, dry, canned Whole <i>Includes USDA Commodity</i>	No. 10 can (108 oz)	38.9	1/4 cup heated, drained vegetable	2.6	1 No. 10 can = about 65.0 oz (9-5/8 cups) heated, drained beans
	No. 10 can (108 oz)	43.4	1/4 cup drained vegetable	2.4	1 No. 10 can = about 71.0 oz (10-3/4 cups) drained, unheated beans
	No. 2-1/2 can (30 oz)	11.6	1/4 cup heated, drained vegetable	8.7	
	No. 2-1/2 can (30 oz)	12.6	1/4 cup drained vegetable	8.0	
	No. 300 can (15-1/2 oz)	5.61	1/4 cup heated, drained vegetable	17.9	1 No. 300 can = about 9.5 oz (1-3/8 cups) heated, drained beans
	No. 300 can (15-1/2 oz)	5.88	1/4 cup drained vegetable	17.1	1 No. 300 can = about 10.0 oz (1-3/8 cups) drained, unheated beans
Beans, Kidney, dry Whole <i>Includes USDA Commodity</i>	Pound	24.8	1/4 cup cooked vegetable	4.1	1 lb dry = about 2-1/2 cups dry beans
BEANS, LIMA					
Beans, Lima, fresh Shelled Whole	Pound	10.8	1/4 cup cooked, drained vegetable	9.3	1 lb in pod = 0.44 lb ready-to-cook beans
Beans, Lima, dry, canned Green Whole <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	42.4	1/4 cup heated, drained vegetable	2.4	1 No. 10 can = about 70.9 oz (11-3/4 cup) drained, unheated beans
	No. 2-1/2 can (40 oz)	15.7	1/4 cup heated, drained vegetable	6.4	1 No. 2-1/2 can = about 27.0 oz (4-1/2 cups) drained, unheated beans
	Pound	6.46	1/4 cup heated, drained vegetable	15.5	1 lb AP = about 11.0 oz (1-3/4 cups) drained, unheated beans

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, LIMA (continued)					
Beans, Lima, frozen <i>Baby Whole</i>	Pound	10.9	1/4 cup cooked, drained vegetable	9.2	
Beans, Lima, frozen <i>Fordhook Whole</i>	Pound	11.1	1/4 cup cooked, drained vegetable	9.1	
Beans, Lima, dry <i>Baby Whole</i> <i>Includes USDA Commodity</i>	Pound	23.4	1/4 cup cooked vegetable	4.3	1 lb dry = about 2-3/8 cups dry beans
Beans, Lima, dry <i>Fordhook Whole</i>	Pound	27.0	1/4 cup cooked vegetable	3.8	1 lb dry = about 2-5/8 cups dry beans
BEANS, MUNG					
Beans, Mung, dry <i>Whole</i>	Pound	28.1	1/4 cup cooked vegetable	3.6	1 lb dry = about 2-1/4 cups dry beans
BEANS, NAVY or PEA					
Beans, Navy or Pea, dry <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	23.9	1/4 cup cooked vegetable	4.2	1 lb dry = about 2-1/4 cups dry beans
BEANS, PINK					
Beans, Pink, dry, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (110 oz)	34.0	1/4 cup heated, drained vegetable	3.0	1 No. 10 can = about 12-1/4 cups drained, unheated beans or 8-1/2 cups heated, drained beans
Beans, Pink, dry <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	19.3	1/4 cup cooked vegetable	5.2	1 lb dry = about 2-1/4 cups dry beans

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, PINTO²					
Beans, Pinto, dry, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (108 oz)	37.2	1/4 cup heated, drained vegetable	2.7	1 No. 10 can = about 67.4 oz (9-1/4 cups) heated, drained beans
	Pound	5.51	1/4 cup heated, drained vegetable	18.2	
Beans, Pinto, dry <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	21.0	1/4 cup cooked vegetable	4.8	1 lb dry = about 2-3/8 cups dry beans
Beans, Pinto, dehydrated²	Pound	21.7	1/4 cup cooked vegetable	4.7	1 lb AP = about 3-3/4 dehydrated beans 1 lb AP = about 5-3/8 cups rehydrated, cooked beans when the water to dry beans ratio = 2:1
BEAN PRODUCTS					
Bean Products, dry beans, canned Beans Baked or In Sauce Vegetarian <i>Includes USDA Commodity</i>	No. 10 can (108 oz)	47.1	1/4 cup heated vegetable with sauce	2.2	No. 10 can = about 11-3/4 cups heated beans with sauce
	No. 300 can (16 oz)	6.94	1/4 cup heated vegetable with sauce	14.4	1 No. 300 can = about 1-3/4 cups heated beans with sauce
Bean Products, dry beans, canned Beans Baked or in Sauce with Pork	No. 10 can (110 oz)	48.9	1/4 cup heated vegetable	2.1	
	No. 2-1/2 can (30 oz)	13.3	1/4 cup heated vegetable	7.6	
	No. 300 can (16 oz)	7.10	1/4 cup heated vegetable	14.1	
BEANS, REFRIED					
Beans, Refried, canned <i>Includes USDA Commodity</i>	No. 10 can (115 oz)	49.6	1/4 cup heated vegetable	2.1	1 No. 10 can = about 12-1/4 cups heated, refried beans
	No. 300 can (16 oz)	7.08	1/4 cup heated vegetable	14.2	1 No. 300 can = about 1-3/4 cups heated refried beans

² Dehydrated pinto beans are whole beans that have been cooked and then dehydrated.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, REFRIED (continued)					
Beans, Refried, dehydrated	Pound	20.5	1/4 cup cooked vegetable	4.9	1 lb AP = about 3-1/2 cups dehydrated 1 lb AP = about 5-1/8 cups rehydrated, cooked beans when the water to dry beans ratio = 2:1
BEANS, RED, SMALL					
Beans, Red, Small, dry, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (111 oz)	31.9	1/4 cup heated, drained vegetable	3.2	1 No. 10 can = about 71.2 oz (8 cups) heated, drained beans
	No. 300 can (15-1/2 oz)	4.94	1/4 cup heated, drained vegetable	20.3	1 No. 300 can = about 8.5 oz (1-1/8 cups) heated, drained beans
Beans, Red, Small, dry <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	20.4	1/4 cup cooked, drained vegetable	5.0	1 lb dry = about 2-1/8 cups dry beans
BEANS, SOY					
Beans, Soy, fresh (Edamame) <i>Shelled</i>	Pound	10.7	1/4 cup cooked, drained vegetable	9.4	1 lb in pod = 0.65 lb (about 1-3/4 cups) blanched, shelled beans
Beans, Soy, fresh (Edamame) <i>Whole</i> <i>In shell</i>	Pound	6.90	1/4 cup cooked, drained, shelled vegetable	14.5	
Beans, Soy, dry, canned <i>Shelled</i>	Pound	7.30	1/4 cup heated, drained vegetable	13.7	
Beans, Soy, dry <i>Shelled</i>	Pound	25.9	1/4 cup cooked vegetable	3.9	1 lb dry about 2-1/2 cup dry beans

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEAN SPROUTS³					
Bean Sprouts, fresh³ <i>Mung</i>	Pound	14.6	1/4 cup parboiled, drained vegetable	6.9	1 lb AP = 0.89 lb parboiled
Bean Sprouts, fresh³ <i>Soybean</i>	Pound	17.2	1/4 cup parboiled, drained vegetable	5.9	1 lb AP = 0.95 lb parboiled
Bean Sprouts, canned	No. 10 can (102 oz)	29.1	1/4 cup heated, drained vegetable	3.5	1 No. 10 can = about 48.4 oz (7-1/4 cups) heated, drained bean sprouts
	No. 10 can (102 oz)	42.2	1/4 cup drained vegetable	2.4	1 No. 10 can = about 59.0 oz (10-1/2 cups) drained, unheated bean sprouts
	No. 300 can (14 oz)	3.99	1/4 cup heated, drained vegetable	25.1	1 No. 300 can = about 6.5 oz (1 cup) heated, drained bean sprouts
	No. 300 can (14 oz)	5.34	1/4 cup drained vegetable	18.8	1 No. 300 can = about 8.0 oz (1-1/3 cups) drained, unheated bean sprouts
BEANS, WAX					
Beans, Wax, fresh <i>Whole Untrimmed</i>	Pound	10.5	1/4 cup whole, cooked, drained vegetable	9.6	1 lb AP = 0.95 lb (about 4-1/3 cups) ready-to-cook cut beans

³ Due to the increasing number of illnesses associated with consumption of raw sprouts, the Food and Drug Administration has advised all consumers – especially children, pregnant women, the elderly, and persons with weakened immune systems – to not eat raw sprouts as a way to reduce the risk of foodborne illness. Therefore, raw sprout data served in the raw state has been intentionally omitted.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEANS, WAX (continued)					
Beans, Wax, canned	No. 10 can (101 oz)	34.3	1/4 cup heated, drained vegetable	3.0	1 No. 10 can = about 53.7 oz (8-1/2 cups) heated, drained beans
	No. 10 can (101 oz)	43.2	1/4 cup drained vegetable	2.4	1 No. 10 can = about 59.3 oz (10-3/4 cups) drained, unheated beans
	No. 2-1/2 can (28 oz)	12.9	1/4 cup heated, drained vegetable	7.8	
	No. 2-1/2 can (28 oz)	14.0	1/4 cup drained vegetable	7.2	1 No. 2-1/2 can = about 16.0 oz (3-1/2 cups) drained, unheated beans
	No. 300 can (14-1/2 oz)	4.58	1/4 cup heated, drained vegetable	21.9	1 No. 300 can = about 7.1 oz (1-1/8 cups) heated, drained vegetable
	No. 300 can (14-1/2 oz)	6.17	1/4 cup drained vegetable	16.3	1 No. 300 can = about 7.0 oz (1-1/2 cups) drained, unheated beans
	Pound	5.43	1/4 cup heated, drained vegetable	18.5	
	Pound	6.84	1/4 cup drained vegetable	14.7	
BEETS					
Beets, fresh Without tops	Pound	11.6	1/4 cup raw, pared vegetable sticks	8.7	1 lb AP = 0.77 lb pared
	Pound	7.60	1/4 cup diced, cooked vegetable	13.2	
	Pound	7.70	1/4 cup sliced, cooked vegetable	13.0	1 lb AP = 0.73 lb cooked slices

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BEETS (continued)					
Beets, canned <i>Baby Whole</i>	No. 10 can (103 oz)	36.7	1/4 cup heated, drained vegetable	2.8	1 No. 10 can = about 60.2 oz (9-1/8 cups) heated, drained beets
	No. 10 can (103 oz)	40.2	1/4 cup drained vegetable	2.5	1 No. 10 can = about 64.0 oz (10 cups) drained, unheated beets
	Pound	5.70	1/4 cup heated, drained vegetable	17.6	
	Pound	6.24	1/4 cup drained vegetable	16.1	
Beets, canned <i>Diced</i>	No. 10 can (104 oz)	37.6	1/4 cup heated, drained vegetable	2.7	1 No. 10 can = about 63.3 oz (9-3/8 cups) heated, drained beets
	No. 10 can (104 oz)	40.9	1/4 cup drained vegetable	2.5	1 No. 10 can = about 66.4 oz (10-1/8 cups) drained, unheated beets
	Pound	5.78	1/4 cup heated, drained vegetable	17.4	
	Pound	6.29	1/4 cup drained vegetable	15.9	
Beets, canned <i>Sliced</i>	No. 10 can (104 oz)	36.4	1/4 cup heated, drained vegetable	2.8	1 No. 10 can = about 60.1 oz (9 cups) heated, drained beets
	No. 10 can (104 oz)	38.8	1/4 cup drained vegetable	2.6	1 No. 10 can = about 64.9 oz (9-2/3 cups) drained, unheated beets
	No. 300 can (15 oz)	5.16	1/4 cup heated, drained vegetable	19.4	1 No. 300 can = about 7.9 oz (1-1/4 cups) heated, drained beets
	No. 300 can (15 oz)	5.33	1/4 cup drained vegetable	18.8	1 No. 300 can = about 8.9 oz (1-1/3 cups) drained, unheated beets
BEET GREENS					
Beet Greens, fresh <i>Untrimmed</i>	Pound	3.50	1/4 cup cooked vegetable	28.6	1 lb AP = 0.48 lb ready-to-cook

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BLACKBERRIES (BOYSENBERRIES)					
Blackberries (Boysenberries), fresh <i>Whole</i>	Quart (20 oz)	14.9	1/4 cup raw fruit	6.8	1 qt AP = 1.2 lb (about 3-3/4 cups) ready-to-serve raw berries
	Pound	11.9	1/4 cup raw fruit	8.5	1 lb AP = 0.96 lb (about 2-7/8 cups) ready-to-serve raw berries
Blackberries (Boysenberries), canned <i>Whole</i>	No. 10 can (103 oz)	47.8	1/4 cup fruit and juice	2.1	1 No. 10 can = about 66.0 oz (10-2/3 cups) drained berries
	Pound	7.42	1/4 cup fruit and juice	13.5	1 lb AP = about 9.2 oz (1-1/2 cups) drained berries
Blackberries (Boysenberries), frozen <i>Whole</i>	Pound	8.00	1/4 cup cooked fruit, sugar added	12.5	
	Pound	9.00	1/4 cup thawed fruit, sugar added	11.2	
Blackberries (Boysenberries), frozen <i>Puree</i> <i>Includes USDA Commodity</i>	Pound	7.70	1/4 cup thawed fruit puree	13.0	1 lb = about 1-7/8 cups thawed fruit puree
	5 lb 12 oz container	44.2	1/4 cup thawed fruit puree	2.3	5 lb 12 oz container = about 11 cups thawed fruit puree
BLUEBERRIES					
Blueberries, fresh <i>Whole</i> <i>Includes USDA Commodity</i>	Pint (14-1/4 oz)	10.7	1/4 cup raw fruit	9.4	1 pt AP = 0.87 lb (about 2-2/3 cups) ready-to-serve raw berries
	Pound	11.9	1/4 cup raw fruit	8.5	1 lb AP = 0.96 lb ready-to-serve raw berries
Blueberries, canned <i>Whole</i>	No. 10 can (105 oz)	47.6	1/4 cup fruit and juice	2.2	1 No. 10 can = about 55.0 oz (9-1/4 cups) drained berries
	No. 300 can (15 oz)	6.80	1/4 cup fruit and juice	14.8	1 No. 300 can = about 8.2 oz (1-3/8 cups) drained berries
	Pound	7.20	1/4 cup fruit and juice	13.9	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BLUEBERRIES (continued)					
Blueberries, frozen <i>Whole</i>	Pound	7.80	1/4 cup cooked fruit, sugar added	12.9	
Blueberries, frozen <i>Whole Individually-quick-frozen</i>	Pound	11.9	1/4 cup thawed fruit unsweetened	8.5	1 lb AP = 0.91 lb (about 2-7/8 cups) ready-to-serve berries
Blueberries, dehydrated <i>Whole</i>	Pound	12.4	1/4 cup dehydrated fruit	8.1	1 lb AP = 1 lb (about 3 cups) ready-to-serve dried berries
BOKCHYOY					
Bokchoy, fresh <i>Whole</i>	Pound	14.4	1/4 cup raw, shredded vegetable	7.0	1 lb AP = 0.77 lb (about 3-1/2 cups) ready-to-serve bokchoy
BOYSENBERRIES (see BLACKBERRIES)					
BREADFRUIT					
Breadfruit, fresh <i>Guatemalan</i>	Pound	5.69	1/4 cup baked, mashed fruit	17.6	1 lb AP = 0.60 lb (about 1-3/8 cup) cooked mashed fruit, 1 breadfruit = about 2.6 lb
BROCCOLI					
Broccoli, fresh <i>Untrimmed</i>	Pound	9.80	1/4 cup raw vegetable spears	10.3	1 lb AP = 0.81 lb ready-to-cook broccoli
	Pound	9.40	1/4 cup cooked, drained vegetable spears	10.7	1 medium spear = about 1/4 cup
	Pound	10.2	1/4 cup cut, cooked, drained vegetable	9.9	
Broccoli, fresh <i>Florets Trimmed Ready-to-use</i>	Pound	28.8	1/4 cup cut, raw vegetable	3.5	1 lb AP = 1 lb (about 7-1/8 cups) ready-to-cook broccoli

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
BROCCOLI (continued)					
Broccoli, fresh <i>Spears</i> <i>Trimmed</i> <i>Ready-to-use</i>	Pound	17.1	1/4 cup raw vegetable spears	5.9	1 lb AP = 1.0 lb (about 4-1/4 cups) ready-to-cook broccoli
	Pound	13.0	1/4 cup cooked, drained vegetable spears	7.7	1 lb AP = 1.00 lb (about 3-1/4 cups) cooked broccoli
Broccoli, fresh <i>Slaw</i> <i>Ready-to-use</i>	Pound	21.1	1/4 cup raw vegetable	4.8	1 lb AP = 1 lb (about 5-1/4 cups) ready-to-serve or -cook broccoli slaw
Broccoli, frozen <i>Spears</i>	Pound	10.9	1/4 cup cooked, drained vegetable	9.2	1 lb AP = 0.90 lb (about 2-5/8 cups) cooked broccoli
Broccoli, frozen <i>Cut or chopped</i>	Pound	9.60	1/4 cup cooked, drained vegetable	10.5	
BRUSSELS SPROUTS					
Brussels Sprouts, fresh <i>Whole</i>	Pound	8.50	1/4 cup cooked, drained vegetable	11.8	1 lb AP = 0.76 lb ready-to-cook Brussels sprouts
Brussels Sprouts, fresh <i>Trimmed</i> <i>Ready-to-use</i>	Pound	16.1	1/4 cup raw vegetable	6.3	1 lb AP = 1 lb (about 4 cups) ready-to-serve Brussels sprouts
	Pound	13.4	1/4 cup cooked, drained vegetable	7.5	1 lb AP = 1.00 lb (about 3-1/3 cups) steamed Brussels sprouts
Brussels Sprouts, frozen <i>Ready-to-use</i>	Pound	10.4	1/4 cup cooked, drained vegetable	9.7	
CABBAGE, CHINESE or CELERY					
Cabbage, Chinese or Celery, fresh <i>Untrimmed</i>	Pound	20.4	1/4 cup raw vegetable strips	5.0	1 lb AP = 0.93 lb (about 5 cups) ready-to-serve, raw cabbage
	Pound	10.6	1/4 cup cooked, drained vegetable strips	9.5	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CABBAGE, GREEN					
Cabbage, fresh Green Untrimmed Whole	Pound	17.7	1/4 cup raw, chopped vegetable	5.7	1 lb AP = 0.87 lb ready-to-cook or serve raw cabbage
	Pound	11.2	1/4 cup raw, chopped vegetable with dressing	9.0	
	Pound	26.4	1/4 cup raw, shredded vegetable	3.8	
	Pound	13.8	1/4 cup cooked, drained shredded vegetable	7.3	
	Pound	9.86	1/4 cup cooked, drained vegetable wedges	10.2	1 lb AP = 0.82 lb (about 2-3/8 cups) cooked cabbage wedges
	1 head	9.00	1 large cooked leaf (3/4 cups vegetable)	11.2	1 large leaf = 10 to 12 inches in diameter
	1 head	7.00	1 medium cooked leaf (3/8 cup vegetable)	14.3	1 medium leaf = 6 to 8 inches in diameter
Cabbage, fresh Green Shredded Ready-to-use	Pound	27.0	1/4 cup raw vegetable	3.8	1 lb AP = 1 lb (about 6-3/4 cups) ready-to-serve raw, shredded cabbage
CABBAGE, RED					
Cabbage, Red, fresh Whole Untrimmed	Pound	13.0	1/4 cup raw, chopped vegetable	7.7	1 lb AP = 0.64 lb (about 3-1/4 cups) ready-to-cook or -serve raw chopped cabbage
	Pound	24.6	1/4 cup raw, shredded vegetable	4.1	1 lb AP = 0.83 lb (about 6 cups) ready-to-cook or -serve raw, shredded cabbage
	Pound	13.3	1/4 cup cooked, shredded vegetable	7.6	
Cabbage, Red, fresh Shredded Ready-to-use	Pound	22.8	1/4 cup raw vegetable	4.4	1 lb AP = 1 lb (about 5-2/3 cups) ready-to-serve raw, shredded cabbage

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CACTUS (NOPALES)					
Cactus (Nopales), fresh <i>Leaves (or petals)</i> <i>Unpeeled</i> <i>With thorns</i>	Pound	6.80	1/4 cup unpeeled, diced cooked, drained vegetable (thorns removed)	14.8	1 lb AP = 0.96 lb (about 1-2/3 cups) unpeeled, thorns removed, diced, cooked, drained cactus
Cactus (Nopales), fresh <i>Leaves (or Petals)</i> <i>Unpeeled</i> <i>Without thorns</i>	Pound	6.96	1/4 cup unpeeled diced, cooked, drained vegetable	14.4	1 lb AP = 0.99 lb ready-to-cook diced cactus 1 lb AP = about 1-2/3 cups diced, cooked, drained cactus
Cactus (Nopalitos), canned <i>Leaves (or Petals)</i> <i>Cut</i>	14 oz jar	3.04	1/4 cup heated, drained vegetable	32.9	14 oz jar = about 5.7 oz (3/4 cup) cooked, drained cactus
	14 oz jar	3.65	1/4 cup drained vegetable	27.4	14 oz jar = about 6.3 oz (7/8 cup) drained, unheated cactus
CACTUS FRUIT (PRICKLY PEAR)					
Cactus Fruit (Prickly Pear), fresh <i>Whole fruit</i>	Pound	4.99	1/4 cup peeled, diced fruit, with seeds	20.1	1 lb AP = 0.61 lb (about 1-1/8 cup) ready-to-serve raw, peeled, diced cactus with seeds
	Pound	3.74	1/4 cup, peeled, juice and pulp, without seeds	26.8	1 lb = 0.48 lb (about 7/8 cup) ready-to-cook peeled cactus juice and pulp without seeds
CANTALOUPE⁴					
Cantaloupe, fresh⁴ <i>Whole</i> <i>18 Count (5-inch diameter, about 30 oz)</i>	Pound	5.73	1/4 cup cubed or diced fruit (about 1/10 medium melon)	17.5	1 lb AP = 0.47 lb (about 1-3/8 cups) ready-to-serve raw melon, 1 melon = about 14 oz EP
Cantaloupe, fresh⁴ <i>Whole</i> <i>15 Count (5-3/4-inch diameter, about 40 oz)</i>	Pound	6.74	1/4 cup cubed or diced fruit (about 1/16 large melon)	14.9	1 lb AP = 0.56 lb (about 1-2/3 cups) ready-to-serve raw, peeled, diced melon, 1 melon = about 1.3 lb EP

⁴ In response to Salmonella outbreaks associated with raw melon, the Food and Drug Administration has provided guidance for safe handling practices for melons that include washing the outer surface of the melon thoroughly with cool tap water to remove surface dirt.

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CANTALOUPE⁴ (continued)					
Cantaloupe, frozen <i>Melon balls Packed in syrup</i>	Pound	7.80	1/4 cup fruit and juice	12.9	
Cantaloupe, frozen <i>Melon balls Unsweetened</i>	Pound	8.70	1/4 cup fruit	11.5	1 lb = 35 balls
CARAMBOLA (see STAR FRUIT)					
CARROTS					
Carrots, fresh <i>Without tops</i>	Pound	10.3	1/4 cup raw vegetable strips (about 3 strips, 4-inch by 1/2 inch)	9.8	1 lb AP = 0.70 lb ready-to-cook, or -serve raw carrot sticks
	Pound	10.6	1/4 cup raw, chopped vegetable	9.5	
	Pound	15.4	1/4 cup raw, shredded vegetable	6.5	1 lb AP = 0.83 lb (about 3-3/4 cups) trimmed, peeled, shredded carrot
	Pound	8.10	1/4 cup raw shredded vegetable with dressing	12.4	
	Pound	8.63	1/4 cup cooked, drained shredded vegetable	11.6	1 lb AP = 0.79 lb (about 2-1/8 cups) trimmed, peeled, shredded, cooked carrot
	Pound	10.9	1/4 cup raw, sliced vegetable (5/16-inch slices)	9.2	1 lb AP = 0.83 lb (about 2-2/3 cups) trimmed, peeled, sliced carrots
	Pound	8.16	1/4 cup cooked, drained sliced vegetable (5/16-inch slices)	12.3	1 lb AP = 0.76 lb (about 2 cups) cooked, sliced carrots
Carrots, fresh <i>Shredded Ready-to-use</i>	Pound	19.9	1/4 cup raw vegetable	5.1	1 lb AP = 1 lb (about 4-7/8 cups) ready-to-use raw, shredded carrot
	Pound	11.2	1/4 cup cooked, drained vegetable	9.0	1 lb AP = 0.92 lb (about 2-3/4 cups) cooked carrot

⁴ In response to Salmonella outbreaks associated with raw melon, the Food and Drug Administration has provided guidance for safe handling practices for melons that include washing the outer surface of the melon thoroughly with cool tap water to remove surface dirt.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CARROTS (continued)					
Carrots, fresh <i>Sliced</i> <i>Peeled</i> <i>Ready-to-use</i>	Pound	12.6	1/4 cup raw vegetable slices (5/16-inch slices)	8.0	1 lb AP = 1 lb (about 3-1/8 cups) ready-to-serve or -cook carrot
	Pound	15.4	1/4 cup raw vegetable (about 3 sticks)	6.5	1 lb AP = 1 lb (about 3-3/4 cups) carrot sticks
Carrots, fresh <i>Baby</i> <i>Ready-to-use</i>	Pound	12.9	1/4 cup raw vegetable	7.8	1 lb AP= 1 lb (about 3-1/8 cups) ready-to-serve raw carrots
	Pound	11.4	1/4 cup cooked, drained vegetable	8.8	1 lb AP= 0.97 lb (about 2-3/4 cups) cooked carrots
Carrots, canned <i>Diced</i> <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	34.3	1/4 cup heated, drained vegetable	3.0	1 No. 10 can = about 62.0 oz (8-1/2 cups) heated, drained carrots
	No. 10 can (105 oz)	40.0	1/4 cup drained vegetable	2.5	1 No. 10 can = about 67.0 oz (10 cups) drained, unheated carrots
	Pound	5.22	1/4 cup heated, drained vegetable	19.2	
	Pound	6.09	1/4 cup drained vegetable	16.5	
Carrots, canned <i>Sliced</i> <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	37.2	1/4 cup heated, drained vegetable	2.7	1 No. 10 can = about 65.0 oz (9-1/4 cups) heated, drained carrot
	No. 10 can (105 oz)	43.4	1/4 cup drained vegetable	2.4	1 No. 10 can = about 70.0 oz (10-3/4 cups) drained, unheated carrots
	No. 300 can (15 oz)	5.20	1/4 cup heated, drained vegetable	19.3	1 No. 300 can = about 8.6 oz (1-1/4 cups) heated, drained carrots
	No. 300 can (15 oz)	5.88	1/4 cup drained vegetable	17.1	1 No. 300 can = about 8.5 oz (1-3/8 cups) drained, unheated carrots

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CARROTS (continued)					
Carrots, frozen <i>Sliced</i> <i>Includes USDA Commodity</i>	Pound	9.87	1/4 cup cooked, drained vegetable	10.2	1 lb AP = 0.95 lb (about 2-3/8 cups) cooked, drained carrot
Carrots, frozen <i>Baby</i>	Pound	10.9	1/4 cup cooked, drained vegetable	9.2	
CASSAVA (see YUCCA)					
CAULIFLOWER					
Cauliflower, fresh <i>Whole</i> <i>Trimmed</i>	Pound	12.5	1/4 cup raw, sliced vegetable	8.0	1 lb AP = 0.62 lb ready-to-cook or -serve raw cauliflower
	Pound	12.3	1/4 cup raw vegetable florets	8.2	1 medium head = about 6 cups cauliflower florets
	Pound	8.80	1/4 cup cooked, drained vegetable florets	11.4	1 lb AP = 0.61 lb cooked cauliflower
Cauliflower, fresh <i>Florets</i> <i>Ready-to-use</i>	Pound	18.3	1/4 cup raw vegetable florets	5.5	1 lb AP = 1 lb (about 4-1/2 cups) ready-to-cook or -serve cauliflower
	Pound	14.1	1/4 cup cooked, drained vegetable florets	7.1	
Cauliflower, frozen	Pound	9.20	1/4 cup cooked, drained vegetable	10.9	
CELERY					
Celery, fresh <i>Trimmed</i>	Pound	12.2	1/4 cup raw vegetable sticks or strips (about 3 sticks, 1/2-inch by 4-inch sticks)	8.2	
	Pound	12.5	1/4 cup raw, chopped vegetable	8.0	1 lb AP = 0.83 lb (about 3-1/8 cups) ready-to-cook or -serve raw celery
	Pound	12.3	1/4 cup raw, diced vegetable	8.2	
	Pound	8.70	1/4 cup diced, cooked, drained vegetable	11.5	1 lb AP = 0.74 lb (about 2-1/8 cups) cooked celery
	Pound	8.10	1/4 cup sliced, cooked, drained vegetable	12.4	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CELERY (continued)					
Celery, fresh <i>Sticks</i> <i>Ready-to-use</i> <i>(1/2-inch by 4-inch)</i>	Pound	14.0	1/4 cup raw vegetables (about 3 sticks)	7.2	1 lb AP = 1 lb (about 3-1/2 cups) ready-to-serve raw celery
Celery, fresh <i>Diced</i> <i>Ready-to-use</i>	Pound	12.9	1/4 cup raw vegetable	7.8	1 lb AP = 1 lb (about 3-1/8 cups) ready-to-cook or -serve raw celery
Celery, canned <i>Diced</i>	No. 10 can (102 oz)	38.4	1/4 cup heated, drained vegetable	2.7	1 No. 10 can = about 64.0 oz (9-1/2 cups) heated, drained celery
	No 10 can (102 oz)	49.0	1/4 cup drained vegetable	2.1	1 No 10 can = about 74.0 oz (12-3/8 cups) drained celery
	Pound (drained weight)	8.27	1/4 cup heated, drained vegetable	12.1	
	Pound (drained weight)	10.5	1/4 cup drained vegetable	9.6	
Celery, canned <i>Diced</i> <i>In sauce</i>	No. 10 can (104 oz)	49.7	1/4 cup heated, drained vegetable	2.1	1 No. 10 can = about 100.0 oz (12-3/8 cups) heated, drained celery
CHARD, SWISS (see SWISS CHARD)					
CHAYOTE (MIRLITON)					
Chayote (Mirliton), fresh <i>Whole</i> <i>Unpeeled</i>	Pound	12.6	1/4 cup unpeeled, pitted, sliced, raw vegetable	8.0	1 lb AP = 0.96 lb (about 3-1/8 cups) ready-to-serve, raw, pitted, sliced chayote
	Pound	9.46	1/4 cup unpeeled, pitted, sliced, cooked, drained vegetable	10.6	1 lb AP = 0.88 lb (about 2-1/3 cups) unpeeled, pitted, sliced, cooked chayote
CHERRIES, MARASCHINO					
Cherries, Maraschino, canned <i>Large</i>	Pound	6.20	1/4 cup drained fruit	16.2	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CHERRIES, MARASCHINO (continued)					
Cherries, Maraschino, canned <i>Small</i>	Pound	5.70	1/4 cup drained fruit	17.6	
CHERRIES, RED TART					
Cherries, Red Tart, fresh <i>Whole</i>	Pound	6.40	1/4 cup cooked, pitted fruit, sugar added	15.7	1 lb AP = 0.87 lb pitted cherries
Cherries, Red Tart, canned <i>Pitted</i> <i>Water packed</i> <i>Includes USDA Commodity</i>	No. 10 can (102 oz)	46.8	1/4 cup fruit and juice	2.2	1 No. 10 can = about 11-3/4 cups net pitted cherries and juice
	No. 10 can (102 oz)	36.2	1/4 cup drained fruit	2.8	1 No. 10 can = about 70.0 oz (9 cups) drained, pitted cherries
	Pound	7.29	1/4 cup fruit and juice	13.8	
	Pound	5.79	1/4 cup drained fruit	17.3	
Cherries, Red Tart, frozen <i>Pitted</i> <i>Includes USDA Commodity</i>	Pound	11.4	1/4 cup thawed fruit and juice	8.8	1 lb AP = 0.98 lb (about 2-3/4 cups) thawed cherries and juice
	Pound	7.00	1/4 cup drained fruit	14.3	1 lb AP = 0.70 lb (about 1-3/4 cups) thawed, drained cherries
	Pound	5.90	1/4 cup cooked fruit and juice	17.0	
	40 lb pkg	457.4	1/4 cup thawed fruit and juice	0.22	40 lb pkg = about 114-1/4 cups thawed cherries and juice
	40 lb pkg	280.8	1/4 cup thawed, drained fruit	0.36	40 lb pkg = about 70-1/8 cups thawed, drained cherries
	40 lb pkg	236.7	1/4 cup cooked fruit and juice	0.43	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CHERRIES, RED TART (continued)					
Cherries, Red Tart, dehydrated <i>Whole</i> <i>Without pits</i> <i>Includes USDA Commodity</i>	Pound	11.8	1/4 cup dehydrated fruit	8.5	1 lb AP = 1 lb (about 2-7/8 cups) dried cherries
	2 lb pkg	23.6	1/4 cup dehydrated fruit	4.3	
	4 lb pkg	47.2	1/4 cup dehydrated fruit	2.2	
CHERRIES, SWEET					
Cherries, Sweet, fresh <i>Whole</i> <i>With pits</i>	Pound	8.50	1/4 cup raw, pitted cherries (about 7 whole)	11.8	1 lb AP = 0.98 lb ready-to-serve cherries with pits or 0.84 lb pitted cherries
Cherries, Sweet, canned <i>Whole</i> <i>With pits</i>	No. 10 can (106 oz)	45.8	1/4 cup pitted fruit and juice	2.2	1 No. 10 can = about 59.0 oz (9-1/4 cups) drained, pitted cherries
	No. 2-1/2 can (29 oz)	12.5	1/4 cup pitted fruit and juice	8.0	1 No. 2-1/2 can = about 17.6 oz (2-3/8 cups) drained cherries
	Pound	6.91	1/4 cup pitted fruit and juice	14.5	1 lb AP = about 8.4 oz (1-1/3 cups) drained, pitted cherries
CHICKPEAS (see BEANS, GARBANZO)					
CHICORY					
Chicory, fresh	Pound	47.4	1/4 cup raw vegetable pieces	2.2	1 lb AP = 0.89 lb ready-to-serve raw chicory
	Pound	31.6	1/4 cup raw vegetable pieces with dressing	3.2	
CLEMENTINES					
Clementines, fresh <i>Whole</i>	Pound	3.68	1 whole, raw clementine (about 1/2 cup fruit)	27.2	
	Pound	7.65	1/4 cup peeled, sectioned, raw fruit (about 5 sections)	13.1	1 lb AP = 0.80 lb (about 1-7/8 cups) ready-to-serve, raw clementine sections

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COLLARD GREENS					
Collard Greens, fresh <i>Untrimmed</i>	Pound	6.20	1/4 cup cooked, drained vegetable leaves	16.2	1 lb AP = 0.57 lb ready-to-cook collard leaves
	Pound	10.5	1/4 cup cooked, drained vegetable leaves and stems	9.6	1 lb AP = 0.74 lb ready-to-cook collard leaves and stems
Collard Greens, canned	No. 10 can (101 oz)	27.2	1/4 cup heated, drained vegetable	3.7	1 No. 10 can = about 54.0 oz (6-3/4 cups) heated, drained collards
	No. 10 can (101 oz)	35.9	1/4 cup drained vegetable	2.8	1 No. 10 can = about 66.4 oz (9 cups) drained, unheated collards
	No. 2-1/2 can (27 oz)	6.80	1/4 cup heated, drained vegetable	14.7	1 No. 2-1/2 can = about 17.6 oz (3 cups) drained collards
	No. 300 can (14-1/2 oz)	3.67	1/4 cup heated, drained vegetable	27.3	
Collard Greens, frozen <i>Chopped or Whole leaf</i>	Pound	9.20	1/4 cup cooked, drained vegetable	10.9	
CORN					
Corn, fresh <i>With husks (5 to 6-inch length) Medium</i>	Pound	1.67	1 medium ear (about 1/2 cup cooked vegetable)	59.9	
	Pound	3.35	1/4 cup cooked vegetable (about 1/2 cob)	29.9	1 lb AP = 0.34 lb raw cut corn
Corn, fresh <i>Without husks (5 to 6-inch length) Medium</i>	Pound	2.33	1 medium ear (about 1/2 cup cooked vegetable)	43.0	
	Pound	5.27	1/4 cup cooked vegetable (about 1/2 cob)	19.0	1 lb AP = 0.54 lb raw cut corn
Corn, canned <i>Cream style Includes USDA Commodity</i>	No. 10 can (106 oz)	46.4	1/4 cup heated vegetable	2.2	1 No. 10 can = about 100.7 oz (11-1/2 cups) heated corn
	No. 300 can (15 oz)	6.35	1/4 cup heated vegetable	15.8	1 No. 300 can = about 13.0 oz (1-1/2 cups) heated corn

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
CORN (continued)					
Corn, canned <i>Whole kernel</i> <i>Vacuum packed</i> <i>Includes USDA Commodity</i>	No. 10 can (75 oz)	34.1	1/4 cup heated, drained vegetable	3.0	1 No. 10 can = about 60.5 oz (8-1/2 cups) heated, drained corn
	No. 10 can (75 oz)	36.8	1/4 cup drained vegetable	2.8	1 No. 10 can = about 63.0 oz (9 cups) drained, unheated corn
	No. 2 can (12 oz)	6.60	1/4 cup heated, drained vegetable	15.2	1 No. 2 can = about 10.0 oz (1-2/3 cups) drained, heated corn
Corn, canned <i>Whole kernel</i> <i>Liquid pack</i> <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	39.6	1/4 cup heated, drained vegetable	2.6	1 No. 10 can = about 66.0 oz (9-7/8 cups) heated, drained corn
	No. 10 can (106 oz)	40.7	1/4 cup drained vegetable	2.5	1 No. 10 can = about 73.3 oz (10-2/3 cups) drained, unheated corn
	No. 300 can (15-1/4 oz)	5.68	1/4 cup heated, drained vegetable	17.7	1 No. 300 can = about 9.3 oz (1-3/8 cups) heated, drained corn
	No. 300 can (15-1/4 oz)	5.86	1/4 cup drained vegetable	17.1	1 No. 300 can = about 9.6 oz (1-3/8 cups) drained, unheated corn
Corn, frozen <i>Whole Kernel</i> <i>Includes USDA Commodity</i>	Pound	11.1	1/4 cup tempered vegetable (unheated for salads)	9.1	1 lb AP = 0.99 lb (about 2-3/4 cups) ready-to-serve, raw, tempered corn
	Pound	11.0	1/4 cup cooked vegetable	9.1	
Corn, frozen <i>Corn on the cob</i> <i>3-inch ear (cobbette)</i> <i>Includes USDA Commodity</i>	Pound	4.25	1/4 cup cooked vegetable (about 1 cobbette)	23.6	1 lb AP = 0.53 lb (about 1 cup) edible portion cooked corn
Corn, frozen <i>Corn on the cob</i> <i>5-1/4-inch ear (medium)</i> <i>Includes USDA Commodity</i>	Pound	2.44	1 medium cooked ear (about 1/2 cup cooked vegetable)	41.0	1 lb AP = 0.52 lb (about 1-1/8 cups) edible portion cooked corn

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CRANBERRIES					
Cranberries, fresh Whole	Pound	15.6	1/4 cup raw, chopped fruit	6.5	1 lb AP = 0.95 lb ready-to-cook or -serve raw berries
	Pound	11.1	1/4 cup cooked fruit, sugar added, whole berry	9.1	
	Pound	9.90	1/4 cup cooked fruit, sugar added, strained	10.2	
Cranberries, dehydrated Sweetened Whole Includes USDA Commodity	Pound	13.8	1/4 cup dehydrated fruit	7.3	1 lb AP = 1 lb (about 3-3/8 cups) ready-to-cook or -serve berries
	5 lb pkg	69.0	1/4 cup dehydrated fruit	1.5	
	30 lb pkg	414.0	1/4 cup dehydrated fruit	0.25	
CRANBERRY RELISH or SAUCE					
Cranberry Relish or Sauce, canned Whole Includes USDA Commodity	No. 10 can (117 oz)	48.0	1/4 cup fruit	2.1	
	No. 300 can (16 oz)	6.70	1/4 cup fruit	15.0	
Cranberry Relish or Sauce, canned Strained Includes USDA Commodity	No. 10 can (117 oz)	47.9	1/4 cup fruit	2.1	
	No. 300 can (16 oz)	6.50	1/4 cup fruit	15.4	

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CUCUMBERS					
Cucumbers, fresh <i>Whole</i> <i>Unpared</i>	Pound	11.1	1/4 cup unpared, diced vegetable	9.1	1 lb AP = 0.98 lb (about 2-3/4 cups) ready-to-serve raw, unpared, diced cucumber
	Pound	12.4	1/4 cup unpared, sliced vegetable	8.1	1 lb AP = 0.84 lb ready-to-serve raw, unpared, sliced cucumber
	Pound	10.5	1/4 cup pared, diced or sliced vegetable	9.6	
	Pound	9.71	1/4 cup pared vegetable sticks (about 3 sticks, 3-inch by 3/4-inch sticks)	10.3	1 lb AP = 0.81 lb (about 2-3/8 cups) ready-to-serve raw, pared cucumber sticks
	Pound	11.8	1/4 cup unpared vegetable sticks (about 3 sticks, 3-inch by 3/4-inch sticks)	8.5	1 lb AP = 0.98 lb (about 3 cups) ready-to-serve raw, unpared cucumber sticks
CURRANTS					
Currants, dehydrated	Pound	13.8	1/4 cup dehydrated fruit	7.3	1 lb dry = about 3-3/8 cups dry currants
DATES					
Dates, dehydrated <i>Moisturized</i> <i>With pits</i> <i>Whole</i>	Pound	10.0	1/4 cup pitted, dehydrated fruit	10.0	
	Pound	12.7	1/4 cup dehydrated fruit	7.9	1 lb dry = about 3-1/8 cups
Dates, dehydrated <i>Pieces</i> <i>Regular moisture</i> <i>Includes USDA Commodity</i>	30 lb pkg	383.6	1/4 cup dehydrated fruit	0.27	30 lb box = about 95-7/8 cups dried dates
	Pound	11.1	1/4 cup whole, dehydrated fruit	9.1	1 lb dry = about 2-3/4 cups whole dry dates
Dates, dehydrated <i>Pitted</i> <i>Regular moisture</i> <i>Includes USDA Commodity</i>	Pound	10.6	1/4 cup chopped, dehydrated fruit	9.5	1 lb dry = about 2-2/3 cups chopped dry dates
EGGPLANT					
Eggplant, fresh <i>Whole</i>	Pound	6.70	1/4 cup pared, cubed, cooked vegetable	15.0	1 lb AP = 0.81 lb ready-to-cook eggplant

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ENDIVE, ESCAROLE					
Endive or Escarole, fresh <i>Whole</i>	Pound	19.9	1/4 cup raw vegetable pieces	5.1	1 lb AP = 0.78 lb ready-to-serve raw endive (escarole)
FIGS					
Figs, fresh <i>Small</i> <i>Whole</i>	Pound	8.00	1/4 cup small raw fruit (about 2-1/2 figs)	12.5	1 lb AP = 1 lb (about 2 cups) ready-to-serve, raw figs, 1 lb = about 20 small figs
Figs, canned <i>Puree</i> <i>Includes USDA Commodity</i>	2 gal	128.0	1/4 cup fruit puree	0.79	2-gallon container = 32 cups fruit puree
Figs, canned <i>Whole</i>	No. 10 can (110 oz)	49.3	1/4 cup fruit and juice	2.1	1 No. 10 can = about 64.0 oz (8-3/4 cups) drained figs
	No. 2-1/2 can (30 oz)	13.4	1/4 cup fruit and juice	7.5	1 No. 2-1/2 can = about 18.6 oz (2-1/2 cups) drained figs
	Pound	7.17	1/4 cup fruit and juice	14.0	
Figs, dehydrated <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	10.4	1/4 cup dehydrated fruit (about 3 figs)	9.7	1 lb dry = about 2-5/8 cups or 30 figs
	Pound	13.4	1/4 cup cooked fruit and juice	7.5	
Figs, dehydrated <i>Diced and Sugared</i> <i>Includes USDA Commodity</i>	Pound	12.7	1/4 cup dehydrated fruit pieces (about 28 pieces)	7.9	1 lb dry = 3-1/8 cups dried, sugared figs
	25 lb Box	319.9	1/4 cup diced fruit (about 28 pieces)	0.32	25 lb Box = about 80 cups dried, sugared figs
FRUIT, MIXED					
Fruit, Mixed, chilled <i>may include:</i> <i>honeydew melon,</i> <i>cantaloupe,</i> <i>watermelon,</i> <i>grapes, etc.</i>	1 gal (97.7 oz)	64.0	1/4 cup fruit and juice	1.6	1 gallon container = 16 cups fruit and juice

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FRUIT, MIXED (continued)					
Fruit, Mixed, canned <i>Fruit Cocktail</i> (peaches, pears, pineapple, grapes, cherries) Includes USDA Commodity	No. 10 can (106 oz)	46.9	1/4 cup fruit and juice	2.2	1 No. 10 can = about 69.0 oz (9-1/4 cups) drained fruit
	No. 2-1/2 can (29 oz)	12.8	1/4 cup fruit and juice	7.9	1 No. 2-1/2 can = about 18.3 oz (2-3/8 cups) drained fruit
	No. 300 can (15 oz)	6.30	1/4 cup fruit and juice	15.9	
Fruit, Mixed, canned may include: apricots, peaches, pears, pineapple, cherries, grapes, etc. Includes USDA Commodity (peaches, pears, grapes)	No. 10 can (106 oz)	48.6	1/4 cup fruit and juice	2.1	1 No. 10 can = about 62.0 oz (8-1/2 cups) drained fruit
	No. 2-1/2 can (29 oz)	13.3	1/4 cup fruit and juice	7.6	1 No. 2-1/2 can = about 16.9 oz (2-1/3 cups) drained fruit
	No. 300 can (15 oz)	6.50	1/4 cup fruit and juice	15.4	
Fruit, Mixed, frozen may include: peaches, grapes, apricots, pears, pineapple, cherries, etc.	136 oz tub	58.2	1/4 cup thawed fruit and juice	1.8	136 oz tub = about 14-3/8 cups thawed fruit and juice
	136 oz tub	23.4	1/4 cup thawed, drained fruit	4.3	136 oz tub = about 49.4 oz (5-3/4 cups) thawed, drained fruit
Fruit, Mixed, dehydrated <i>Regular moisture</i>	Pound	9.70	1/4 cup dehydrated fruit	10.4	
GRAPEFRUIT					
Grapefruit, fresh 27-32 Count (large) Whole	Pound	6.48	1/4 cup fruit sections peeled (about 2 sections)	15.5	1 lb AP = 0.74 lb (about 1-5/8 cups) peeled, ready-to-serve raw grapefruit sections
	Pound	4.53	1/4 cup fruit sections, peeled, without membrane (about 2 sections)	22.1	1 lb AP = 0.58 lb (about 1-1/8 cups) ready-to-serve raw, peeled grapefruit sections without membrane
	Pound	2.00	1/2 grapefruit (about 1/2 cup fruit and juice)	50.0	
	Pound	3.50	1/4 cup fruit and juice	28.6	

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
GRAPEFRUIT (continued)					
Grapefruit, canned Sections	No. 3 Cyl (50 oz)	23.3	1/4 cup fruit and juice	4.3	1 No. 3 Cyl = about 26.0 oz (3-1/8 cups) drained grapefruit
	Pound	7.45	1/4 cup fruit and juice	13.5	
Grapefruit, frozen Sections	Pound	7.50	1/4 cup fruit and juice	13.4	1 lb AP = about 0.55 lb (1-1/8 cups) thawed, drained grapefruit
GRAPEFRUIT and ORANGE SECTIONS					
Grapefruit and Orange Sections, chilled	1 gal (136 oz)	63.9	1/4 cup fruit and juice	1.6	1 gallon = about 91.0 oz (13-1/4 cups) drained fruit
	Pound	7.51	14 cup fruit and juice	13.4	
Grapefruit and Orange Sections, canned	No. 3 Cyl (50 oz)	22.6	1/4 cup fruit and juice	4.5	1 No. 3 Cyl = about 26.0 oz (3-1/2 cups) drained fruit
	Pound	7.23	1/4 cup fruit and juice	13.9	1 lb AP = about 8.5 oz (1-1/8 cups) drained fruit
GRAPES					
Grapes, fresh Seedless Whole With stem	Pound	10.5	1/4 cup whole fruit (about 7 large grapes)	9.6	1 lb AP = 0.97 lb (about 2-5/8 cups) ready-to-serve grapes
	Pound	9.27	1/4 cup fruit halves (about 14 large grape halves)	10.8	1 lb AP = 0.97 lb (about 2-1/4 cups) ready-to-serve grape halves
Grapes, fresh Seedless Whole Without stem	Pound	10.8	1/4 cup whole fruit (about 7 large grapes)	9.3	
Grapes, fresh Whole With seeds and stem	Pound	10.1	1/4 cup seeded fruit halves (about 12 grape halves)	10.0	1 lb AP = 0.89 lb raw seeded grapes

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
GRAPES (continued)					
Grapes, canned <i>Seedless</i> <i>Whole</i>	No. 10 can (108 oz)	50.0	1/4 cup fruit and juice	2.0	1 No. 10 can = about 67.0 oz (10 cups) drained grapes
	No. 2-1/2 can (30 oz)	13.8	1/4 cup fruit and juice	7.3	1 No. 2-1/2 can = about 18.6 oz (2-3/4 cups) drained grapes
	Pound	7.40	1/4 cup fruit and juice	13.6	1 lb AP = about 9.9 oz (1-1/2 cups) drained grapes
GRAPE LEAVES					
Grape Leaves, fresh <i>Whole with stem</i>	Pound	27.4	1/4 cup cooked, drained vegetable (about 3 leaves)	3.7	1 lb AP = 0.80 lb (about 6-3/4 cups) cooked, steamed grape leaves without stem
Grape Leaves, canned <i>Pickled</i>	14 oz jar	17.0	1/4 cup drained vegetable (about 3 leaves)	5.9	14 oz jar = about 8.0 oz (4-1/4 cups) drained leaves
GUAVA PUREE					
Guava Puree, frozen	30 oz container	13.3	1/4 cup fruit puree	7.6	30 oz container = about 29.6 oz (3-1/3 cups) thawed fruit puree
	Pound	7.20	1/4 cup fruit puree	13.9	
HONEYDEW MELON⁵					
Honeydew Melon, fresh⁵ <i>Whole</i>	Pound	4.90	1/4 cup fruit cubes	20.5	1 lb AP = 0.46 lb (about 1-1/8 cups) ready-to-serve melon cubes
Honeydew Melon, frozen	Pound	8.70	1/4 cup fruit balls	11.5	1 lb = about 35 fruit balls

⁵In response to Salmonella outbreaks associated with raw melon, the Food and Drug Administration has provided guidance for safe handling practices for melons that include washing the outer surface of the melon thoroughly with cool tap water to remove surface dirt.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
JICAMA (YAM BEAN)					
Jicama (Yam Bean), fresh Whole	Pound	11.9	1/4 cup raw peeled, julienned vegetable strips	8.5	1 lb AP = 0.89 lb (about 2-7/8 cups) ready-to-serve raw peeled, julienned jicama strips
	Pound	9.61	1/4 cup peeled, cooked, julienned vegetable strips	10.5	1 lb AP = 0.87 lb (about 2-3/8 cups) cooked jicama strips
JUICES^{6, 7}					
Juices, canned⁶ <i>Single strength (100% juice) Vegetable or Fruit (such as Apple, Grape, Grapefruit, Grapefruit-Orange, Lemon, Lime, Orange, Pineapple, Prune, Tomato, and Tangerine)</i>	No. 10 can (96 fl oz)	48.0	1/4 cup fruit or vegetable juice	2.1	1 No. 10 can = 12 cups juice
	No. 3 Can (46 fl oz)	23.0	1/4 cup fruit or vegetable juice	4.4	
	Quart (32 fl oz)	16.0	1/4 cup fruit or vegetable juice	6.3	
	No. 2-1/2 can (25-1/2 fl oz)	12.7	1/4 cup fruit or vegetable juice	7.9	
Juices, frozen⁷ <i>Concentrated, any fruit (such as Apple, Grape, Grapefruit, Grapefruit-Orange, and Orange. (1 part juice to 3 parts water) Includes USDA Commodity</i>	32 fl oz can (about 30 oz)	64.0	1 tablespoon concentrate (1/4 cup fruit juice)	1.6	32 fl oz can reconstituted = 16 cups (128 fl oz) Reconstitute 1 part juice with not more than 3 parts water
	6 fl oz can (about 7 oz)	12.0	1 tablespoon concentrate (1/4 cup fruit juice)	8.4	6 fl oz can reconstituted = 3 cups (24 fl oz)

⁶According to the Food and Drug Administration, unpasteurized juice may contain harmful bacteria that may put children, pregnant women, the elderly, and persons with weakened immune systems at risk for serious illness or even death. Unpasteurized juice is normally found in the refrigerated section of grocery or health food stores or at cider mills or farm markets. Unpasteurized juice should have warning information on the label or on a nearby sign at the point of purchase. When serving juice, use only pasteurized juice. Pasteurized juice is normally found as frozen concentrated juice or in non-refrigerated shelf-stable containers, such as juice boxes, bottles, or cans. Pasteurized juice can also be found in the refrigerated sections of stores.

⁷The canned and frozen juices listed in Column 1 are usually available in the can sizes listed in Column 2.

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
KALE					
Kale, fresh <i>Trimmed</i> <i>With stem</i> <i>Ready-to-use</i>	Pound	35.7	1/4 cup raw, chopped vegetable (no stem)	2.9	1 lb AP = 0.73 lb ready-to-cook, stemmed kale leaves
	Pound	10.0	1/4 cup cooked, drained vegetable (no stem)	10.0	1 lb AP = 0.77 lb (about 2-1/2 cups) stemmed, chopped, cooked kale
Kale, fresh <i>Trimmed</i> <i>Without stem</i>	Pound	48.8	1/4 cup raw, chopped vegetable	2.1	1 lb AP = 1 lb ready-to-cook
	Pound	13.7	1/4 cup cooked, drained vegetable	7.3	1 lb AP = 1.15 lb (about 3-3/8 cups) cooked, drained kale
Kale, fresh <i>Untrimmed</i>	Pound	11.8	1/4 cup cooked, drained vegetable	8.5	1 lb AP = 0.67 lb ready-to-cook kale
Kale, canned	No. 10 can (98 oz)	26.7	1/4 cup heated, drained vegetable	3.8	1 No. 10 can = about 49.6 oz (6-2/3 cups) heated, drained kale
	No. 10 can (98 oz)	40.2	1/4 cup drained vegetable	2.5	1 No. 10 can = about 58.0 oz (10 cups) drained kale
	No 2-1/2 can (27 oz)	7.35	1/4 cup heated, drained vegetable	13.7	1 No. 2-1/2 can = about 1-3/4 cups heated, drained kale
	No 2-1/2 can (27 oz)	11.0	1/4 cup drained vegetable	9.1	1 No. 2-1/2 can = about 15.9 oz (2-3/4 cups) drained, unheated kale
	Pound	4.35	1/4 cup heated, drained vegetable	23.0	
	Pound	6.56	1/4 cup drained vegetable	15.3	
Kale, frozen <i>Chopped</i>	Pound	12.1	1/4 cup cooked, drained vegetable	8.3	
Kale, frozen <i>Whole leaf</i>	Pound	9.50	1/4 cup cooked, drained vegetable	10.6	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
KIWI					
Kiwi, fresh 33-39 Count Whole	Pound	8.38	1/4 cup peeled fruit chunks	12.0	1 lb AP = 0.87 lb (about 2 cups) ready-to-serve peeled kiwi chunks
	Pound	10.6	1/4 cup unpeeled fruit chunks	9.5	1 lb AP = 0.99 lb (about 2-2/3 cups) ready-to-serve unpeeled kiwi chunks
	Pound	8.99	1/4 cup peeled fruit slices (about six 1/4-inch slices)	11.2	1 lb AP = 0.85 lb (about 2-1/4 cups) ready-to-serve peeled 1/4-inch kiwi slices
	Pound	11.6	1/4 cup unpeeled fruit slices (about six 1/4-inch slices)	8.7	1 lb AP = 0.99 lb (about 2-7/8 cups) ready-to-serve unpeeled 1/4-inch kiwi slices
	Pound	10.8	1/4 cup unpeeled fruit halves (about 2 halves or 3/4 of a whole kiwi)	9.3	1 lb AP = 0.99 lb ready-to-serve unpeeled kiwi halves
KOHLRABI					
Kohlrabi, fresh Untrimmed	Pound	5.10	1/4 cup cooked, drained vegetable	19.7	1 lb AP = 0.45 lb ready-to-cook, pared kohlrabi
Kohlrabi, fresh Whole With leaves and stems	Pound	9.30	1/4 cup raw peeled vegetable sticks	10.8	1 lb AP = 0.73 lb ready-to-serve or -cook, pared kohlrabi
	Pound	10.1	1/4 cup raw vegetable chunks	10.0	1 lb AP = 0.82 lb (about 2-1/2 cups) ready-to-serve or -cook, pared kohlrabi chunks
LEMONS					
Lemons, fresh Whole	Pound	3.10	1/4 cup fruit juice	32.3	1 lb AP = 0.43 lb (about 3/4) cup juice
LETTUCE					
Lettuce, fresh Iceberg Head Untrimmed	Pound	22.2	1/4 cup raw, shredded vegetable	4.6	1 lb AP = 0.76 lb (about 5-1/2 cups) ready-to-serve shredded lettuce
	Pound	20.8	1/4 cup raw vegetable pieces	4.9	
	Pound	13.9	1/4 cup raw vegetable pieces with dressing	7.2	

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
LETTUCE (continued)					
Lettuce, fresh <i>Leaf</i> <i>Untrimmed</i>	Pound	21.7	1/4 cup raw vegetable pieces	4.7	1 lb AP = 0.66 lb ready-to-serve raw lettuce
	Pound	14.5	1/4 cup raw vegetable pieces with dressing	6.9	
Lettuce, fresh <i>Iceberg</i> <i>Head</i> <i>Cleaned and cored</i> <i>Ready-to-use</i>	Pound	29.2	1/4 cup raw vegetable pieces	3.5	1 lb AP = 1 lb (about 7-1/3 cups) ready-to-serve raw lettuce
Lettuce, fresh <i>Salad mix (mostly</i> <i>Iceberg, some</i> <i>Romaine with</i> <i>shredded Carrot</i> <i>and Red Cabbage)</i>	Pound	26.4	1/4 cup raw vegetable pieces	3.8	1 lb AP = 1 lb (about 6-1/2 cups) ready-to-serve raw lettuce
Lettuce, fresh <i>Mixed greens (equal</i> <i>amounts of Iceberg</i> <i>and Romaine with</i> <i>shredded Carrots</i> <i>and Red Cabbage)</i>	Pound	25.7	1/4 cup raw vegetable pieces	3.9	1 lb AP = 1 lb (about 6-3/8 cups) ready-to-serve raw lettuce
Lettuce, fresh <i>Romaine</i> <i>Untrimmed</i>	Pound	31.3	1/4 cup raw vegetable pieces	3.2	1 lb AP = 0.64 lb ready-to-serve raw lettuce
	Pound	20.9	1/4 cup raw vegetable pieces with dressing	4.8	
LIMES					
Limes, fresh <i>Whole</i>	Pound	3.50	1/4 cup fruit juice	28.6	1 lb AP = 0.47 lb (about 7/8 cup) juice
MALANGA (TARO)					
Malanga (Taro), fresh <i>Whole</i>	Pound	11.2	1/4 cup raw, peeled, diced vegetable	9.0	1 lb AP = 0.89 lb (about 2-3/4 cups) ready-to-cook, peeled, diced taro
	Pound	7.95	1/4 cup peeled, diced, cooked vegetable	12.6	1 lb AP = 1.07 lb (about 1-7/8 cups) cooked, peeled, diced vegetable

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
MANGOES					
Mangoes, fresh Whole	Pound	7.60	1/4 cup cubed or sliced fruit	13.2	1 lb AP = 0.69 lb ready-to-serve raw mango
MIRLITON (see CHAYOTE)					
MUSHROOMS					
Mushrooms, fresh Whole	Pound	18.7	1/4 cup raw, sliced vegetable	5.4	1 lb AP = 0.98 lb ready-to-cook mushrooms
	Pound	8.30	1/4 cup sliced, cooked, drained vegetable	12.1	1 lb AP = 0.43 lb cooked, sliced mushrooms
Mushrooms, fresh Slices Ready-to-use	Pound	18.5	1/4 cup sliced vegetable (about 7 slices)	5.5	1 lb AP = 1 lb (about 4-5/8 cups) ready-to-serve mushrooms
Mushrooms, canned	No. 10 can (68 oz drained weight)	49.4	1/4 cup drained vegetable	2.1	1 No. 10 can = 12-1/3 cups drained mushrooms
	Pound (drained weight)	11.6	1/4 cup drained vegetable	8.7	
	No. 300 can (8 oz drained weight)	5.80	1/4 cup drained vegetable	17.3	1 No. 300 can = about 1-1/2 cups drained mushrooms
Mushrooms, frozen Slices	Pound	12.2	1/4 cup tempered vegetable	8.2	1 lb AP = 0.90 lb (about 3 cups) ready-to-serve, tempered mushrooms
MUSTARD GREENS					
Mustard greens, fresh Trimmed Without stems	Pound	49.2	1/4 cup raw vegetable pieces	2.1	1 lb AP = 0.99 lb (about 12-1/8 cups) ready-to-serve or -cook greens
	Pound	14.1	1/4 cup cooked, drained vegetable	7.1	
Mustard greens, fresh Untrimmed	Pound	13.2	1/4 cup cooked, drained vegetable	7.6	1 lb AP = 0.93 lb ready-to-cook greens

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
MUSTARD GREENS (continued)					
Mustard Greens, canned	No. 10 can (101 oz)	31.0	1/4 cup drained vegetable	3.3	1 No. 10 can = about 61.0 oz (7-3/4 cups) drained greens
	No. 10 can (101 oz)	20.3	1/4 cup heated, drained vegetable	5.0	1 No. 10 can = about 40.1 oz (5 cups) drained greens
	No. 2-1/2 can (27 oz)	11.8	1/4 cup drained vegetable	8.5	1 No. 2-1/2 can = about 15.9 oz (2-3/4 cups) drained greens
	No. 300 can (14-1/2 oz)	3.81	1/4 cup drained vegetable	26.3	
	No. 300 can (14-1/2 oz)	2.74	1/4 cup heated, drained vegetable	36.5	
Mustard Greens, frozen <i>Chopped</i>	Pound	11.6	1/4 cup cooked, drained vegetable	8.7	
Mustard Greens, frozen <i>Leaf</i>	Pound	12.3	1/4 cup cooked, drained vegetable	8.2	
NECTARINES					
Nectarines, fresh <i>All sizes</i>	Pound	10.7	1/4 cup unpeeled, diced fruit	9.4	1 lb AP = 0.88 lb ready-to-serve unpeeled, 1/2-inch nectarine slices
Nectarines, fresh Size 88-96 (2-1/4 inch diameter) <i>Whole</i>	Pound	4.40	1 whole, raw nectarine (about 1/2 cup fruit)	22.8	
	Pound	8.80	1/4 cup fruit and juice (about 1/2 nectarine)	11.4	
Nectarines, fresh Size 56-64 (2-3/4 inch diameter) <i>Whole</i>	Pound	3.05	1 whole, raw nectarine (about 3/4 cup fruit)	32.8	
	Pound	9.15	1/4 cup fruit and juice (about 1/3 nectarine)	11.0	
NOPALES (see CACTUS)					

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
OKRA					
Okra, fresh <i>Whole</i>	Pound	9.70	1/4 cup cooked, drained whole vegetable	10.4	1 lb AP = 0.87 lb ready-to-cook okra
	Pound	9.00	1/4 cup cooked, drained sliced vegetable	11.2	
Okra, canned <i>Cut</i>	No. 10 can (99 oz)	38.8	1/4 cup heated, drained vegetable	2.6	1 No. 10 can = about 60.0 oz (10-1/8 cups) drained okra
	Pound	6.20	1/4 cup heated, drained vegetable	16.2	
	No. 300 can (14 oz)	4.58	1/4 cup heated, drained vegetable	21.9	1 No. 300 can = about 7.1 oz (1-1/8 cups) drained okra
Okra, frozen <i>Cut</i>	Pound	9.10	1/4 cup cooked, drained vegetable	11.0	
Okra, frozen <i>Whole</i>	Pound	11.8	1/4 cup cooked, drained vegetable	8.5	
OLIVES					
Olives, canned <i>Green Stuffed</i>	No. 10 can (72 oz drained weight)	55.5	1/4 cup drained vegetable	1.9	
	Pound (drained weight)	12.3	1/4 cup drained vegetable	8.2	
Olives, canned <i>Green Whole With pits</i>	1 gal (65 oz drained weight)	60.4	1/4 cup whole, pitted vegetable (about 14 small olives)	1.7	1 gallon = about 848 olives
	Pound (drained weight)	14.8	1/4 cup pitted vegetable	6.8	
Olives, canned <i>Green Whole Pitted</i>	1 gal (69 oz drained weight)	63.9	1/4 cup whole vegetable (about 14 small olives)	1.6	1 gallon = about 16 cups drained or 847 olives

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
OLIVES (continued)					
Olives, canned <i>Ripe</i> <i>Pitted</i> <i>Large</i> <i>Whole</i>	No. 10 can (50 oz drained weight)	48.0	1/4 cup whole vegetable (about 8 large olives)	2.1	1 No. 10 can = about 380 olives
	No. 10 can (50 oz drained weight)	42.0	1/4 cup chopped vegetable	2.4	
	Pound (drained weight)	15.3	1/4 cup whole vegetable	6.6	
	Pound (drained weight)	12.9	1/4 cup chopped vegetable	7.8	
Olives, canned <i>Ripe</i> <i>Sliced</i>	No. 10 can (103 oz net)	47.9	1/4 cup sliced vegetable	2.1	1 No. 10 can = about 56.0 oz (11-7/8 cups) drained olives
Olives, frozen <i>Ripe</i> <i>1/4-inch slices</i>	Pound	14.9	1/4 cup tempered vegetable slices	6.8	1 lb AP = 0.99 lb (about 3-2/3 cups) ready-to-serve tempered olives
ONIONS, GREEN					
Onions, Green, fresh <i>Whole</i>	Pound	15.0	1/4 cup raw vegetable, with tops	6.7	1 lb AP = 0.83 lb ready-to-serve raw onions with tops
	Pound	13.8	1/4 cup cooked with tops	7.3	
	Pound	6.70	1/4 cup raw, chopped or sliced vegetable without tops	15.0	1 lb AP = 0.37 lb ready-to-serve, raw onions without tops
ONIONS, MATURE					
Onions, Mature, fresh <i>All sizes</i> <i>Whole</i>	Pound	9.30	1/4 cup raw, chopped vegetable	10.8	1 lb AP = 0.88 lb ready-to-cook or -serve raw onion
	Pound	14.2	1/4 cup raw, sliced vegetable	7.1	
	Pound	7.90	1/4 cup cooked vegetable pieces	12.7	1 lb AP = 0.78 lb cooked onion
	Pound	7.10	1/4 cup cooked, whole vegetable	14.1	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
ONIONS MATURE (continued)					
Onions, Mature, fresh <i>Yellow Jumbo Whole</i>	Pound	5.70	1/4 cup sliced, grilled vegetable	17.6	1 lb AP = 0.65 lb (about 1-3/8 cups) peeled, sliced, cooked onion Jumbo = 3-inch diameter and over
	Pound	12.6	1/4 cup diced, raw vegetable	8.0	1 lb AP = 1 lb (about 3-1/8 cups) ready-to-serve or -cook raw, 1/4-inch diced onion
	Pound	12.7	1/4 cup sliced, raw vegetable	7.9	1 lb AP = 1 lb ready-to-serve or -cook onion
Onions, Mature, fresh <i>Sliced Ready-to-use</i>	Pound	12.7	1/4 cup sliced, raw vegetable	7.9	1 lb AP = 1 lb ready-to-serve or -cook onion
	No. 10 can (105 oz)	26.6	1/4 cup heated vegetable	3.8	1 No. 10 can = about 55.8 oz (6-2/3 cups) heated, drained onion
	Pound	4.90	1/4 cup heated, drained vegetable	20.5	
Onions, Mature, canned <i>Whole</i>	15 oz jar	5.10	1/4 cup vegetable (about 5 onions)	19.7	15 oz jar = about 9.0 oz (1-1/4 cups) drained or about 23 onions
	Pound	4.90	1/4 cup heated, drained vegetable	20.5	
Onions, Mature, frozen <i>Chopped</i>	Pound	7.92	1/4 cup thawed vegetable	12.7	1 lb AP = 0.80 lb (about 1-7/8 cups) ready-to-cook thawed onion
	Pound	5.94	1/4 cup cooked vegetable	16.9	1 lb AP = 0.67 lb (about 1-3/8 cups) cooked onion
Onions, Mature, dehydrated <i>Chopped</i>	Pound	49.9	1/4 cup rehydrated, cooked vegetable	2.1	1 lb dry = about 4-2/3 cups dehydrated onion
	Pound	18.7	1/4 cup uncooked, rehydrated vegetable	5.4	
ORANGES					
Oranges, fresh <i>All sizes Whole Includes USDA Commodity</i>	Pound	3.50	1/4 cup fruit sections membrane removed, drained	28.6	1 lb AP = 0.40 lb ready-to-serve oranges
	Pound	3.60	1/4 cup fruit juice	27.8	1 lb AP = 0.48 lb (7/8 cup) juice

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
ORANGES (continued)					
Oranges, fresh 138 count Arizona or California Whole	Pound	3.40	1 orange (about 1/2 cup fruit and juice)	29.5	
	Pound	6.80	1/4 cup fruit and juice (about 1/2 orange)	14.8	
Oranges, fresh 125 count Florida or Texas Whole	Pound	2.90	1 orange (about 5/8 cup fruit and juice)	34.5	
	Pound	7.02	1/4 cup fruit and juice (about 1/2 orange)	14.3	1 lb AP = about 0.76 lb (1-3/4 cups) ready-to-serve peeled orange
Oranges, fresh 113 count Arizona or California Whole	Pound	2.80	1 orange (about 5/8 cup fruit and juice)	35.8	
	Pound	5.60	1/4 cup fruit and juice (about 1/2 orange)	17.9	
Oranges, canned Mandarin	Pound	7.30	1/4 cup fruit and juice	13.7	1 lb AP = about 0.61 lb (about 1-1/2 cups) drained oranges
PAPAYA					
Papaya, fresh Whole	Pound	8.60	1/4 cup cubed fruit	11.7	1 lb AP = about 0.67 lb ready-to-serve papaya
	Pound	5.10	1/4 cup mashed fruit	19.7	
Papaya, frozen Puree	30 oz container	12.8	1/4 cup fruit puree	7.9	30 oz container = about 3-1/4 cups thawed papaya puree
	Pound	7.21	1/4 cup fruit puree	13.9	1 lb AP = about 1-3/4 cups thawed papaya puree
PARSLEY					
Parsley, fresh Curly	Pound	83.4	1/4 cup chopped, raw vegetable	1.2	1 lb AP = 0.92 lb ready-to-serve raw parsley
PARSNIPS					
Parsnips, fresh Whole	Pound	8.10	1/4 cup cooked, drained vegetable pieces	12.4	1 lb AP = 0.83 lb ready-to-cook parsnips
	Pound	7.20	1/4 cup cooked, drained, mashed vegetable	13.9	

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PASSION FRUIT					
Passion Fruit, fresh <i>Whole</i>	Pound	3.45	1/4 cup juice and pulp (no seeds)	29.0	1 lb AP = 0.45 lb (about 1-3/4 cups) ready-to-serve seedless, raw passion fruit juice and pulp
PEACHES					
Peaches, fresh Size 84 (small) (2-1/8 inch diameter) <i>Whole</i>	Pound	5.50	1 whole, raw, small peach (about 3/8 cup fruit)	18.2	
	Pound	11.0	1/4 cup fruit (about 1/2 peach)	9.1	
Peaches, fresh Size 80 <i>Whole</i>	Pound	4.50	1 whole, raw peach (about 1/2 cup fruit)	22.3	
	Pound	9.00	1/4 cup fruit (about 1/2 peach)	11.2	
	Pound	10.7	1/4 cup raw, sliced fruit (about 3 slices, 1/2-inch thick slices)	9.4	1 lb AP = 0.93 lb (about 2-2/3 cups) ready-to-serve unpeeled, pitted, sliced peach
	Pound	10.2	1/4 cup raw, diced fruit	9.9	1 lb AP = 0.93 lb (about 2-1/2 cups) ready-to-serve unpeeled, pitted, diced peach
Peaches, fresh Size 64 & 60 (medium) (2-1/2 inch diameter) <i>Whole</i>	Pound	2.70	1 whole raw peach (about 2/3 cup fruit)	37.1	1 lb AP = 0.76 lb ready-to-cook or -serve unpeeled, pitted raw peach
	Pound	5.40	1/4 cup fruit (about 1/3 peach)	18.6	
	Pound	5.10	1/4 cup raw, diced fruit	19.7	
	Pound	7.70	1/4 cup raw, sliced fruit	13.0	
	Pound	7.40	1/4 cup cooked, sliced fruit, sugar added	13.6	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PEACHES (continued)					
Peaches, fresh Size 56 Whole	Pound	2.89	1 whole raw peach (about 3/4 cup fruit)	34.7	1 lb AP = 0.96 lb (about 2-2/3 cups) ready-to-serve unpeeled, pitted, diced peach
	Pound	8.67	1/4 cup fruit (about 1/3 peach)	11.6	
Peaches, canned <i>Cling</i> <i>Diced</i> Light syrup pack Includes USDA Commodity	No. 10 can (106 oz)	48.6	1/4 cup fruit and juice	2.1	1 No. 10 can = about 12-1/8 cups fruit and juice
	No. 10 can (106 oz)	35.4	1/4 cup drained fruit	2.9	1 No. 10 can = about 79.0 oz (8-3/4 cups) drained peaches
	No. 2-1/2 can (29 oz)	13.3	1/4 cup fruit and juice	7.6	1 No. 2-1/2 can = about 3-1/3 cups peaches and juice
	No. 2-1/2 can (29 oz)	9.10	1/4 cup drained fruit	11.0	1 No. 2-1/2 can = about 17.5 oz (2-1/4 cups) drained peaches
	Pound	7.33	1/4 cup fruit and juice	13.7	1 lb AP = about 9.8 oz (1-1/4 cups) drained peaches
	Pound	5.34	1/4 cup drained fruit	18.8	
Peaches, canned <i>Cling or Freestone Halves</i> Includes USDA Commodity	No. 10 can (106 oz)	47.1	1/4 cup fruit and juice (about 1 peach half with juice)	2.2	1 No. 10 can = about 64.0 oz (8-1/8 cups) drained clings or about 60.0 oz (6-2/3 cups) drained Freestones
	No. 2-1/2 can (29 oz)	12.9	1/4 cup fruit and juice	7.8	1 No. 2-1/2 can = about 17.0 oz (2-1/8 cups) drained clings or about 15.7 oz (2 cups) drained Freestones
	No. 300 can (15 oz)	6.36	1/4 cup fruit and juice	15.8	

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PEACHES (continued)					
Peaches, canned <i>Cling Sliced</i> <i>Packed in light syrup</i> <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	50.0	1/4 cup fruit and juice	2.0	1 No. 10 can = about 105.0 oz (12-1/2 cups) fruit and juice
	No. 10 can (105 oz)	36.1	1/4 cup drained fruit	2.8	1 No. 10 can = about 72.0 oz (9 cups) drained peaches
Peaches, canned <i>Cling Quarters</i> <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	48.5	1/4 cup fruit and juice	2.1	1 No. 10 can = about 71.0 oz (9-7/8 cups) drained peaches
Peaches, canned <i>Freestone Sliced</i> <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	47.5	1/4 cup fruit and juice	2.2	1 No. 10 can = about 60.0 oz (6-3/4 cups) drained Freestones
	No. 2-1/2 can (29 oz)	13.0	1/4 cup fruit and juice	7.7	1 No. 2-1/2 can = about 15.7 oz (2 cups) drained Freestones
	No. 300 can (16 oz)	6.40	1/4 cup fruit and juice	15.7	1 No. 300 can = about 8.1 oz (3/4 cup) drained Freestones
Peaches, canned <i>Spiced Whole</i>	Pound	2.70	2 small peaches (about 1/4 cup pitted fruit)	37.1	1 lb AP = 0.34 lb drained, pitted peaches
Peaches, frozen <i>Diced Sweetened</i>	No. 12 tub (136 oz)	64.0	1/4 cup thawed fruit and juice	1.6	1 No. 12 tub = about 136.0 oz (16 cups) thawed peaches and juice
	No. 12 tub (136 oz)	47.9	1/4 cup thawed, drained fruit	2.1	1 No. 12 tub = about 102.4 oz (12 cups) thawed, drained fruit
	Pound	7.47	1/4 cup thawed fruit and juice	13.4	1 lb AP = 1 lb (about 1-3/4 cups) thawed fruit and juice
	Pound	5.60	1/4 cup thawed, drained fruit	17.9	1 lb AP = 0.72 lb (about 1-3/8 cups) thawed, drained fruit

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PEACHES (continued)					
Peaches, frozen <i>Sliced</i> <i>Sweetened or Unsweetened</i> <i>Includes USDA Commodity</i>	Pound	7.34	1/4 cup thawed fruit and juice	13.7	1 lb AP = about 1-3/4 cups thawed peaches and juice
	Pound	5.46	1/4 cup thawed, drained fruit	18.4	1 lb AP = 0.97 lb (about 1-1/3 cups) thawed, drained peaches
	Pound	7.10	1/4 cup cooked fruit	14.1	
	20 lb Bag	147.4	1/4 cup thawed fruit and juice	0.68	20 lb Bag = about 36-7/8 cups thawed peaches and juice
	20 lb Bag	109.3	1/4 cup thawed, drained fruit	0.92	20 lb Bag = about 27-1/3 cups thawed, drained peaches
	20 lb bag	142.0	1/4 cup cooked fruit	0.71	
Peaches, dehydrated <i>Halves</i>	Pound	12.7	1/4 cup dehydrated fruit	7.9	1 lb AP = about 3-1/8 cups ready-to-serve dehydrated peach halves
	Pound	22.9	1/4 cup cooked fruit and juice	4.4	
PEARS					
Pears, fresh <i>All sizes</i> <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	7.90	1/4 cup raw, pared, sliced fruit	12.7	
	Pound	5.70	1/4 cup cooked, pared, fruit halves, sugar added	17.6	
Pears, fresh <i>150 count</i> <i>Whole</i>	Pound	4.10	1 whole, raw pear (about 1/2 cup fruit)	24.4	1 lb AP = 0.92 lb ready-to-cook or -serve raw, unpared pears
Pears, fresh <i>120 count</i> <i>Whole</i>	Pound	3.30	1 whole, raw, medium pear (about 3/4 cup fruit)	30.4	
	Pound	7.10	1/4 cup raw, pared, cubed fruit	14.1	1 lb AP = 0.78 lb ready-to-cook or -serve raw, pared pears
Pears, fresh <i>100 count</i> <i>D'Anjou or Bosc or Bartlett</i> <i>Whole</i>	Pound	2.29	1 whole, raw pear (about 1-1/4 cups fruit and juice)	43.7	1 lb AP = 0.94 lb (about 3 cups) ready-to-cook or -serve raw, cored, wedged pear

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PEARS (continued)					
Pears, canned <i>Diced</i> <i>Packed in juice or light syrup</i> <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	47.6	1/4 cup fruit and juice	2.2	1 No. 10 can = about 66.0 oz (9-1/2 cups) drained pears
	No. 2-1/2 can (29 oz)	13.1	1/4 cup fruit and juice	7.7	1 No. 2-1/2 can = about 18.4 oz (2-5/8 cups) drained pears
	Pound	7.20	1/4 cup fruit and juice	13.9	1 lb AP = about 10.2 oz (1-1/2 cups) drained pears
Pears, canned <i>Halves</i> <i>Packed in juice or light syrup</i> <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	52.0	1/4 cup fruit and juice (about 1 pear half with juice)	2.0	1 No. 10 can = about 62.0 oz (7-3/4 cups) drained pears
	No. 2-1/2 can (29 oz)	14.3	1/4 cup fruit and juice (about 1 pear half with juice)	7.0	1 No. 2-1/2 can = about 15.8 oz (2 cups) drained pears
	No. 300 can (15 oz)	7.02	1/4 cup fruit and juice (about 1 pear half with juice)	14.3	1 No. 300 can = about 7.3 oz (3/4 cup) drained pears
Pears, canned <i>Sliced</i> <i>Packed in juice or light syrup</i> <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	49.7	1/4 cup fruit and juice	2.1	1 No. 10 can = about 12-3/8 cups pears and juice
	No 10 can (105 oz)	29.5	1/4 cup drained fruit	3.4	1 No. 10 can = about 59.6 oz (7-3/8 cups) drained pears
Pears, dehydrated <i>Regular moisture</i> <i>Halves</i>	Pound	10.7	1/4 cup dehydrated fruit (about 2-1/2 halves)	9.4	1 lb AP = about 2-2/3 cups or 22 dehydrated pear halves
	Pound	20.3	1/4 cup cooked fruit and juice	5.0	
PEAS, BLACKKEYED (see BEANS, BLACKKEYED)					
PEAS, CHINESE SNOW					
Peas, Chinese Snow, frozen <i>Edible podded</i> <i>Whole</i>	Pound	11.4	1/4 cup cooked, drained vegetable	8.8	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PEAS, FIELD					
Peas, Field, canned <i>With snaps</i>	No. 10 can (111 oz)	37.6	1/4 cup heated, drained vegetable	2.7	1 No. 10 can = about 72.3 oz (9-3/8 cups) heated, drained field peas with snaps
	No. 10 can (111 oz)	46.3	1/4 cup drained vegetable	2.2	1 No. 10 can = about 85.5 oz (11-1/2 cups) drained, unheated field peas with snaps
	No. 300 can (15 oz)	5.12	1/4 cup heated, drained vegetable	19.6	1 No. 300 can = about 7.95 oz (1-1/4 cups) heated, drained field peas with snaps
	No. 300 can (15 oz)	5.59	1/4 cup drained vegetable	17.9	1 No. 300 can = about 8.52 oz (1-3/8 cups) drained, unheated field peas with snaps
PEAS, GREEN					
Peas, Green, fresh <i>Shelled</i>	Pound	10.6	1/4 cup cooked, drained vegetable	9.5	1 lb in pod = 0.38 lb ready-to-cook peas
Peas, Green, canned <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	36.7	1/4 cup heated, drained vegetable	2.8	1 No. 10 can = about 68.0 oz (9-1/8 cups) heated, drained peas
	No. 10 can (106 oz)	42.0	1/4 cup drained vegetable (unheated, for salads)	2.4	1 No. 10 can = about 10-1/5 cups drained, unheated peas
	No. 300 can (15-1/4 oz)	4.95	1/4 cup heated, drained vegetable	20.3	
	No. 300 can (15-1/4 oz)	5.67	1/4 cup drained vegetable (unheated, for salads)	17.7	
Peas, Green, frozen <i>Includes USDA Commodity</i>	Pound	9.59	1/4 cup cooked, drained vegetable	10.5	1 lb AP = 0.98 lb (about 2-3/8 cups) cooked, drained peas
Peas, Green, dry <i>Whole</i>	Pound	25.6	1/4 cup cooked vegetable	4.0	1 lb dry = about 2-1/3 cups dry peas
Peas, Green, dry <i>Split</i> <i>Includes USDA Commodity</i>	Pound	23.1	1/4 cup cooked vegetable	4.4	1 lb dry = about 2-1/4 cups dry, split peas

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PEAS, PIGEON, GREEN					
Peas, Pigeon, Green, frozen <i>Immature</i>	Pound	10.6	1/4 cup cooked, drained vegetable	9.5	1 lb AP = 0.96 lb (about 2-2/3 cups) cooked, drained peas
PEAS, SUGAR SNAP					
Peas, Sugar Snap, frozen <i>Whole</i>	Pound	9.78	1/4 cup cooked, drained vegetable	10.3	1 lb AP = 1 lb (about 2-3/8 cups) cooked, drained peas
PEAS AND CARROTS					
Peas and Carrots, canned	No. 10 can (105 oz)	41.3	1/4 cup heated, drained vegetable	2.5	1 No. 10 can = about 66.0 oz (11-1/2 cups) drained, unheated vegetable
	Pound	6.30	1/4 cup heated, drained vegetable	15.9	
Peas and Carrots, frozen	Pound	10.9	1/4 cup cooked, drained vegetable	9.2	
PEPPEROCINI					
Pepperocini, canned <i>Whole</i>	1 gal (72 oz drained weight)	64.0	1/4 cup drained vegetable	1.6	1 gallon container = about 207 pepperocini
PEPPERS, BELL					
Peppers, Bell, fresh <i>Green or Red Medium or Large Whole</i>	Pound	9.70	1/4 cup chopped or diced, raw vegetable	10.4	1 lb AP = 0.80 lb ready-to-serve or -cook raw pepper
	Pound	14.7	1/4 cup raw vegetable strips	6.9	1 lb AP = 0.73 lb cooked pepper
	Pound	9.80	1/4 cup cooked, drained vegetable strips	10.3	
Peppers, Bell, frozen <i>Green or Red Diced</i>	Pound	12.1	1/4 cup thawed vegetable	8.3	1 lb AP = 1 lb (about 3 cups) thawed peppers
	Pound	7.30	1/4 cup cooked, drained vegetable	13.7	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PEPPERS, BELL (continued)					
Peppers, Bell, dehydrated <i>Diced</i>	Pound	99.2	1/4 cup rehydrated, cooked vegetable	1.1	1 lb dry = about 9-1/4 cups dehydrated pepper
	Pound	38.6	1/4 cup dehydrated vegetable	2.6	
PEPPERS, CHERRY					
Peppers, Cherry, fresh <i>Whole with stem</i>	Pound	14.4	1/4 cup raw vegetable (about 3 peppers)	7.0	1 lb AP = 0.95 lb (about 3-1/2 cups) ready-to-serve or -cook raw pepper
PEPPERS, GREEN CHILIES					
Peppers, Green Chilies, fresh <i>Anaheim</i> <i>Whole with stem</i>	Pound	11.4	1/4 cup chopped, seeded, raw vegetable	8.8	1 lb AP = 0.80 lb (about 2-3/4 cups) ready-to-serve raw, stemmed, seeded, chopped chili pepper
Peppers, Green Chilies, fresh <i>Jalapeño</i> <i>Whole with stem</i>	Pound	15.6	1/4 cup raw vegetable (about 2 peppers)	6.5	1 lb AP = 0.98 lb (about 3-7/8 cups) ready-to-serve raw, whole peppers
Peppers, Green Chilies, canned <i>Chopped</i>	No. 10 can (103 oz)	51.4	1/4 cup heated vegetable	2.0	1 No. 10 can = about 12-7/8 cups drained peppers
	No. 10 can (99 oz)	47.1	1/4 cup unheated vegetable	2.2	1 No. 10 can = about 11-3/4 cups peppers
	Pound	7.98	1/4 cup heated vegetable	12.6	
Peppers, Green Chilies, canned <i>Jalapeño</i> <i>Slices</i>	No. 10 can (106 oz)	46.2	1/4 cup drained vegetable slices	2.0	1 No. 10 can = about 64.4 oz (11-1/2 cups) drained peppers
Peppers, Green Chilies, canned <i>Jalapeño</i> <i>Whole</i>	No. 10 can (96 oz)	35.0	1/4 cup drained, whole vegetable	2.9	1 No. 10 can = about 60.0 oz (8-3/4 cups) drained peppers

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PERSIMMONS					
Persimmons, fresh <i>Japanese Fuyu</i> <i>Whole</i>	Pound	11.7	1/4 cup unpeeled, diced raw fruit	8.6	1 lb AP = 0.98 lb (about 2-7/8 cups) ready-to-serve raw, 1/2-inch diced, unpeeled persimmon
	Pound	15.7	1/4 cup unpeeled, raw fruit wedges	6.4	1 lb AP = 0.98 lb (about 3-7/8 cups) ready-to-serve raw, unpeeled persimmon wedges
PICKLES					
Pickles, canned <i>Chips</i>	1 Quart (about 20 oz drained weight)	13.9	1/4 cup drained vegetable	7.2	1 quart container = about 3-1/2 cups drained or 52 pickle chips
	1 gal (about 87 oz drained weight)	60.3	1/4 cup drained vegetable	1.7	
	Pound (drained weight)	11.1	1/4 cup drained vegetable	9.1	
Pickles, canned <i>Spears</i> <i>Medium size</i> <i>4.75 x 0.75 x 1.5-inches</i>	24 oz jar (about 15.4 oz drained weight)	8.80	1/4 cup drained vegetable (about 1-1/4 spears)	11.4	24 oz container = about 2-1/4 cups chopped, drained or 11 whole pickle spears
Pickles, canned <i>Whole</i>	1 gal (about 87 oz drained weight)	55.2	1/4 cup whole vegetable (about: 3-3/4 gherkins-small, 1-1/4 gherkins-large, 1 small pickle, 1/2 medium pickle, 1/3 large pickle, 1/4 extra large pickle)	1.9	Length of pickles: gherkins = 2 - 2-3/4 inch, small = 2-3/4 - 3-1/2 inch, medium = 3-1/2 - 4 inch, large = 4 - 4-3/4 inch, extra-large = 4-3/4 - 5-1/4 inch
	1 gal (about 87 oz drained weight)	84.4	1/8 cup length-wise sliced vegetable	1.2	
	1 gal (about 87 oz drained weight)	108.0	1/8 cup chopped vegetable	1.0	

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PIMIENTOS (PIMENTOS)					
Pimientos, canned <i>Chopped or Diced</i>	No. 10 can (102 oz)	40.7	1/4 cup drained vegetable	2.5	1 No. 10 can = about 74.0 oz (10-1/8 cups) drained pimientos
	No. 2-1/2 can (27-1/2 oz)	8.39	1/4 cup drained vegetable	12.0	1 No. 2-1/2 can = about 17.6 oz (2 cups) drained pimientos
	Pound	6.40	1/4 cup drained vegetable	15.7	
Pimientos, canned <i>Whole</i>	No. 10 can (102 oz)	38.5	1/4 cup drained, chopped vegetable	2.6	1 No. 10 can = about 71.0 oz (9-3/4 cups) drained pimientos
	No. 2-1/2 can (28 oz)	11.0	1/4 cup drained, chopped vegetable	9.1	1 No. 2-1/2 can = about 20.2 oz (2-3/4 cups) drained pimientos
	No. 300 can (13-3/4 oz)	4.97	1/4 cup drained vegetable	20.2	1 No. 300 can = about 9.2 oz (1-1/8 cups) drained pimientos
	7 oz can	2.80	1/4 cup drained, chopped vegetable	35.8	7 oz can = about 5.2 oz (2/3 cup) drained pimientos
	Pound	6.03	1/4 cup drained, chopped vegetable	16.6	
PINEAPPLE					
Pineapple, fresh <i>Whole</i>	Pound	6.40	1/4 cup raw, cubed fruit	15.7	1 lb AP = 0.54 lb ready-to-serve raw pineapple
	Pound	4.61	1/4 cup raw sticks (about 3 sticks, 1/2-inch by 3-inch sticks)	21.7	1 lb AP = 0.57 lb (about 1-1/8 cups) ready-to-serve 1/2-inch by 3-inch pineapple sticks
	Pound	7.50	1/4 cup fruit and juice	13.4	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PINEAPPLE (continued)					
Pineapple, canned Chunks <i>Packed in juice or light syrup</i> Includes USDA Commodity	No. 10 can (106 oz)	49.9	1/4 cup fruit and syrup	2.1	1 No. 10 can = about 12-3/8 cups pineapple and juice
	No. 10 can (106 oz)	31.8	1/4 cup drained fruit	3.2	1 No. 10 can = about 64.6 oz (8 cups) drained pineapple
	No. 2 can (20 oz)	9.40	1/4 cup fruit and syrup	10.7	1 No. 2 can = about 12.4 oz (1-7/8 cups) drained pineapple
Pineapple, canned Crushed <i>Packed in juice or light syrup</i> Includes USDA Commodity	No. 10 can (106 oz)	49.5	1/4 cup fruit and juice	2.1	1 No. 10 can = about 12-3/8 cups pineapple and juice
	No. 10 can (106 oz)	36.1	1/4 cup drained fruit	2.8	1 No. 10 can = about 75.6 oz (9 cups) drained pineapple
	No. 2 can (20 oz)	9.20	1/4 cup fruit and juice	10.9	1 No. 2 can = about 13.8 oz (2 cups) drained pineapple
	Pound	7.56	1/4 cup fruit and juice	13.3	
Pineapple, canned Slices <i>Packed in juice or light syrup</i> Includes USDA Commodity	No. 10 can (107 oz)	47.5	1/4 cup fruit and juice	2.2	1 No. 10 can = about 62.0 oz (9-1/3 cups or 66 slices) drained pineapple
	No. 10 can (107 oz)	37.7	1/4 cup drained fruit (about 1-3/4 slices)	2.7	
	No. 2 can (20 oz)	8.87	1/4 cup fruit and juice	11.3	1 No. 2 can = about 13.0 oz (2 cups) drained pineapple
	No. 2 can (20 oz)	7.04	1/4 cup drained fruit	14.3	
	Pound	7.10	1/4 cup fruit and juice	14.1	
	Pound	5.63	1/4 cup drained fruit	17.8	
Pineapple, canned Tidbits <i>Packed in juice or light syrup</i> Includes USDA Commodity	No. 10 can (106 oz)	50.1	1/4 cup fruit and juice	2.0	1 No. 10 can = about 12 cups pineapple and juice
	No. 10 can (106 oz)	33.4	1/4 cup drained fruit	3.0	1 No. 10 can = about 67.3 oz (8-1/4 cups) drained pineapple

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PINEAPPLE (continued)					
Pineapple, frozen <i>Chunks</i>	Pound	7.30	1/4 cup thawed, drained fruit	13.7	1 lb AP = 0.61 lb (about 1-1/3 cups) thawed, drained pineapple
PLANTAIN					
Plantain, fresh <i>Green</i>	Pound	7.50	1/4 cup peeled, sliced, cooked fruit	13.4	1 lb = 0.62 lb ready-to-cook peeled, sliced plantains
Plantain, fresh <i>Ripe</i>	Pound	5.60	1/4 cup peeled, sliced, cooked fruit	17.9	1 lb = 0.65 lb ready-to-cook peeled, sliced plantains
PLUMS					
Plums, fresh <i>Italian</i> 1.5-inch by 2-inch <i>Whole</i>	Pound	9.32	1/4 cup quartered fruit (about 5 quarters)	10.8	1 lb AP = 0.93 lb (about 2-1/3 cups) ready-to-cook or -serve unpeeled, pitted, quartered, raw plum
Plums, fresh <i>Purple, Red, or Black</i> Size 45 & 50 2-inch diameter <i>Whole</i>	Pound	4.99	1 whole, raw plum (about 1/2 cup fruit and juice)	20.1	1 lb AP = 0.98 lb (about 2-2/3 cups) ready-to-cook or -serve unpeeled, pitted, raw plum
	Pound	10.7	1/4 cup fruit, quartered (about 2 quarters)	9.4	
Plums, fresh <i>Japanese or Hybrid</i> Size 60 & 65 <i>Whole</i>	Pound	6.40	1 whole, raw plum (about 3/8 cup fruit and juice)	15.7	1 plum = about 1-1/2 inch diameter
Plums, canned <i>Purple or Red</i> <i>Halves</i> <i>Unpeeled</i> <i>No pits</i> <i>Includes USDA Commodity</i>	No. 10 can (105 oz)	49.2	1/4 cup fruit and juice	2.1	1 No. 10 can = about 12-1/8 cups plums and juice without pits
	No. 10 can (105 oz)	24.7	1/4 cup drained fruit	4.1	1 No. 10 can = about 54.4 oz (6-1/8 cups) drained plums without pits

Section 2—Vegetables/Fruits

1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PLUMS⁸ (continued)					
Plums, canned <i>Purple or Red</i> <i>Unpeeled</i> <i>With pits</i> <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	48.5	1/4 cup pitted fruit and juice	2.1	1 No. 10 can = about 12 cups plums with pits and juice
	No. 10 can (106 oz)	27.8	1/4 cup pitted drained fruit	3.6	1 No. 10 can = about 58.2 oz (6-7/8 cups) drained plums with pits
	No. 2-1/2 can (30 oz)	14.5	1/4 cup pitted fruit and juice	6.9	1 No. 2-1/2 can = about 16.5 oz (2 cups) drained plums with pits
	Pound	7.32	1/4 cup pitted fruit and juice	13.7	1 lb AP = 8.8 oz (1 cup) drained plums with pits
	Pound	4.19	1/4 cup pitted drained fruit	23.9	
Plums, dehydrated (Prunes), canned <i>With pits</i>	No. 10 can (108 oz)	46.0	1/4 cup fruit and juice (about 4 prunes with juice)	2.2	1 No. 10 can = about 57.0 oz (7-1/8 cups) drained, pitted prunes
	25 oz jar	10.6	1/4 cup fruit and juice	9.5	25 oz jar = about 13.2 oz (1-2/3 cups) drained, pitted prunes
	Pound	6.81	1/4 cup fruit and juice	14.7	
Plums, dehydrated (Prunes), canned⁸ <i>Paste or Puree</i> <i>USDA Commodity</i>	1 gal (11 lb)	64.0	1/4 cup fruit puree	1.6	1 gallon (11 lb) = 16 cups dehydrated plum puree
	Pound	6.38	1/4 cup fruit puree	15.7	1 lb AP = about 1-1/2 cups puree
Plums, dehydrated (Prunes) <i>Whole</i> <i>Regular moisture</i> <i>With pits</i>	Pound	9.60	1/4 cup dehydrated fruit (about 6 medium prunes)	10.5	1 lb dry = about 2-3/8 cups dehydrated plums with pits
	Pound	12.9	1/4 cup cooked fruit and juice	7.8	
Plums, dehydrated (Prunes) <i>Whole</i> <i>Without pits</i> <i>USDA Commodity</i>	Pound	10.6	1/4 cup dehydrated fruit (about 6 medium prunes)	9.5	1 lb dry = about 2-2/3 cups dehydrated plums without pits
	Pound	14.7	1/4 cup cooked fruit and juice	6.9	

⁸ Plum puree cannot count as fruit when it is used to replace fat in a food item.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
POI					
Poi <i>Undiluted</i>	Pound	5.67	1/2 cup diluted	17.7	add 1 cup water to each 1 lb bag undiluted poi
	Pound	2.83	1 cup diluted	35.4	1 lb AP = 1.52 lb (about 2-3/4 cups) diluted ready-to-serve poi
POMEGRANATE					
Pomegranate, fresh <i>Whole</i>	Pound	2.70	1/4 cup juice and pulp (no seeds)	37.1	1 lb AP = 0.35 lb (about 2/3 cups) ready-to-serve peeled, raw pomegranate juice and pulp without seeds
	Pound	6.34	1/4 cup fruit kernels	15.8	1 lb AP = about 1-1/2 cups pomegranate kernels
POTATOES					
Potatoes, fresh <i>Red</i> <i>Whole</i>	Pound	9.88	1/4 cup diced, cooked vegetable with skin	10.2	1 lb AP = 0.97 lb (about 2-3/8 cups) cooked potato
Potatoes, fresh <i>White or Russet</i> <i>All sizes</i> <i>Whole</i> <i>Includes USDA Commodity</i>	Pound	8.90	1/4 cup pared, cooked, diced vegetable	11.3	1 lb AP = 0.74 lb baked potato without skin
	Pound	8.40	1/4 cup pared, cooked, mashed vegetable	12.0	1 lb AP = 0.81 lb ready-to-cook pared potato
	Pound	9.90	1/4 cup pared, cooked, sliced vegetable	10.2	
	Pound	5.30	1/4 cup pared, cooked hash browns (1/4 cup vegetable)	18.9	
	Pound	9.70	1/4 cup diced, cooked vegetable with skin	10.3	1 lb AP = 0.99 lb (about 2-3/8 cups) cooked, unpeeled, diced potato
Potatoes, fresh <i>White or Russet</i> <i>120 Count</i> <i>(approx. 6 oz each)</i> <i>Whole</i>	Pound	2.66	1 whole, baked potato (about 1/2 cup vegetable)	37.6	1 lb AP = 0.82 lb (about 1-2/3 cups) baked potato with skin
	Pound	6.53	1/4 cup baked vegetable with skin	15.4	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
POTATOES (continued)					
Potatoes, fresh <i>White or Russet</i> 100 Count (approx. 8 oz each) <i>Whole</i>	Pound	2.00	1 whole, baked potato (about 3/4 cup vegetable)	50.0	1 lb AP = 0.82 lb (about 1-2/3 cups) baked potato with skin
	Pound	6.76	1/4 cup baked vegetable with skin	14.8	
Potatoes, fresh <i>White or Russet</i> 80 Count (approx. 10 oz each) <i>Whole</i>	Pound	1.60	1 whole baked potato (about 1 cup vegetable)	62.5	1 lb AP = 0.82 lb (about 1-2/3 cups) baked potato with skin
	Pound	7.01	1/4 cup baked vegetable with skin	14.3	
Potatoes, canned <i>Diced</i>	No. 10 can (102 oz)	39.9	1/4 cup drained, unheated vegetable	2.6	1 No. 10 can = about 73.7 oz (9-7/8 cups) drained, unheated potato
Potatoes, canned <i>Sliced</i>	No. 10 can (102 oz)	44.2	1/4 cup drained, unheated vegetable	2.3	1 No. 10 can = about 74.6 oz (11 cups) drained, unheated potato
	No. 300 can (14-1/2 oz)	5.73	1/4 cup drained, unheated vegetable	17.5	1 No. 300 can = about 9.9 oz (1-3/8 cups) drained, unheated potato
Potatoes, canned <i>Whole</i> <i>Small</i>	No. 10 can (102 oz)	43.7	1/4 cup heated, drained vegetable	2.3	1 No. 10 can = about 10-7/8 cups heated, drained potato
	No. 10 can (102 oz)	43.4	1/4 cup drained, unheated, vegetable	2.4	1 No. 10 can = about 74.0 oz (10-3/4 cups) drained, unheated potato
	No 2-1/2 can (29 oz)	10.9	1/4 cup heated, drained vegetable	9.2	1 No. 2-1/2 can = about 17.7 oz (2-3/4 cups) drained potato
	No. 300 can (14-1/2 oz)	5.90	1/4 cup heated, drained vegetable	17.0	
Potatoes, frozen <i>Diced</i> <i>Precooked</i>	Pound	10.1	1/4 cup tempered, unheated vegetable	10.0	1 lb AP = 1 lb (about 2-1/2 cups) tempered potato
	Pound	8.97	1/4 cup cooked vegetable	11.2	1 lb AP = 0.83 lb (about 2-1/8 cups) cooked potato

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
POTATOES (continued)					
Potatoes, frozen Shells	Pound	11.1	1/4 cup baked vegetable	9.1	1 lb AP = 0.90 lb baked potato shell
Potatoes, frozen Wedges <i>USDA Commodity</i>	Pound	11.9	1/4 cup baked vegetable	8.5	1 lb AP = 0.71 lb (about 2-7/8 cups) baked potato
	5 lb pkg	59.5	1/4 cup baked vegetable	1.7	5 lb bag = about 14-7/8 cups baked potato
Potatoes, frozen Whole Small	Pound	10.1	1/4 cup cooked vegetable	10.0	
Potatoes, dehydrated Diced <i>Low moisture Includes USDA Commodity</i>	Pound	45.1	1/4 cup reconstituted, heated vegetable	2.3	1 lb dry = about 5-1/8 cups dehydrated diced potatoes
Potatoes, dehydrated Flake <i>Low moisture Includes USDA Commodity</i>	Pound	50.5	1/4 cup reconstituted, heated vegetable	2.0	1 lb dry = about 7-1/2 cups dehydrated potato flakes
Potatoes, dehydrated, Granules <i>Low moisture Includes USDA Commodity</i>	Pound	50.5	1/4 cup reconstituted, heated vegetable	2.0	1 lb dry = about 2-1/4 cups dehydrated potato granules
Potatoes, dehydrated Slices <i>Low moisture Includes USDA Commodity</i>	Pound	43.5	1/4 cup reconstituted, heated vegetable	2.3	1 lb dry = about 9-2/3 cups dehydrated potato slices
POTATOES, FRENCH FRIES					
Potatoes, French Fries, frozen Crinkle cut <i>Low moisture Ovenable Includes USDA Commodity</i>	Pound	16.2	1/4 cup cooked vegetable	6.2	1 lb AP = 0.92 lb (about 4 cups) baked French fries
	4 lb pkg	64.9	1/4 cup cooked vegetable	1.6	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
POTATOES, FRENCH FRIES (continued)					
Potatoes, French Fries, frozen <i>Crinkle cut</i> <i>Regular moisture</i>	Pound	12.6	1/4 cup cooked vegetable	8.0	1 lb AP = 0.81 lb (about 3-1/8 cups) baked French fries
	4-1/2 lb pkg	56.7	1/4 cup cooked vegetable	1.8	
Potatoes, French Fries, frozen <i>Curly</i> <i>(1/3-inch width)</i>	Pound	21.8	1/4 cup cooked vegetable	4.6	1 lb AP = 0.66 lb baked French fries
	4-1/2 lb pkg	79.2	1/4 cup cooked vegetable	1.3	
Potatoes, French Fries, frozen <i>Shoestring</i> <i>Straight cut</i> <i>Low moisture</i>	Pound	14.2	1/4 cup cooked vegetable	7.1	1 lb AP = 0.66 lb (about 3-1/2 cups) baked French fries
	4-1/2 lb pkg	72.0	1/4 cup cooked vegetable	1.4	
Potatoes, French Fries, frozen <i>Shoestring</i> <i>Straight cut</i> <i>Regular moisture</i>	Pound	17.5	1/4 cup cooked vegetable	5.8	
	4-1/2 lb pkg	79.0	1/4 cup cooked vegetable	1.3	
Potatoes, French Fries, frozen <i>Straight cut</i> <i>Regular moisture</i> <i>Ovenable</i>	Pound	14.0	1/4 cup cooked vegetable	7.2	1 lb AP = 0.63 lb (about 3-1/2 cups) baked French fries
	5 lb pkg	70.0	1/4 cup cooked vegetable	1.5	5 lb bag = about 17-1/2 cups baked French fries
POTATO PRODUCTS					
Potato Products, fresh <i>Raw</i> <i>Shredded</i> <i>Pre-portioned</i> <i>3.0 oz each</i>	Pound	5.33	3/8 cup cooked vegetable (about 1 portion)	18.8	1 lb AP= 0.94 lb cooked vegetable
	Pound	8.28	1/4 cup cooked vegetable (about 2/3 portion)	12.1	
	Pound	10.6	1/8 cup cooked vegetable (about 1/2 portion)	9.5	
Potato Products, frozen <i>Hashed patty</i> <i>Pre-browned</i> <i>2.25 oz each</i>	Pound	7.11	1 cooked patty (about 1/4 cup cooked vegetable)	14.1	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
POTATO PRODUCTS⁹ (continued)					
Potato Products, frozen <i>Hashed browns</i> <i>Diced</i>	Pound	7.70	1/4 cup cooked vegetable	13.0	
Potato Products, frozen <i>Mashed</i>	Pound	7.37	1/4 cup heated vegetable	13.6	1 lb AP = 1 lb (about 1-3/4 cups) mashed potatoes
Potato Products, frozen <i>Skins or Pieces or Wedges, etc.</i> <i>With skin</i> <i>Cooked</i>	Pound	10.6	1/4 cup heated vegetable	9.5	
Potato Products, frozen <i>Rounds⁹</i> <i>Regular Size</i> <i>Includes USDA Commodity</i>	Pound	12.7	1/4 cup cooked vegetable (about 4 pieces)	7.9	5 lb bag = about 15-1/4 cups baked potato rounds (about 8.0 grams per piece)
	5 lb pkg	61.0	1/4 cup baked vegetable (about 4 pieces)	1.7	one piece = approx. 3/4 to 1-inch diameter by 1 to 1-1/4-inch length
Potato Products, frozen <i>Rounds⁹</i> <i>Mini Size</i>	Pound	12.2	1/4 cup baked vegetable (about 8 pieces)	8.2	1 lb AP = 0.85 lb (about 3 cups) baked potato rounds (about 4.0 grams per piece)
Potato Products, frozen <i>Circles</i>	Pound	12.6	1/4 cup baked vegetable (about 5 circles)	8.0	1 lb AP = 0.75 lb (about 3-1/8 cups) cooked (about 1-1/4-inch diameter by 9/16-inch height)
Potato Products, dehydrated <i>Hashed browns</i>	Pound	24.1	1/4 cup reconstituted, cooked vegetable	4.2	1 lb dry = 6 cups reconstituted, cooked potato

PRICKLY PEAR, (see CACTUS FRUIT)

PRUNES (see PLUMS, dehydrated)

⁹ Shaped, shredded potatoes available under brand names such as “Tater Tots” or “Tater Gems.”

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
PUMPKIN					
Pumpkin, fresh Whole	Pound	4.70	1/4 cup cooked, mashed vegetable	21.3	1 lb AP = 0.70 lb ready-to-cook pumpkin
Pumpkin, canned	No. 10 can (106 oz)	51.5	1/4 cup heated vegetable	2.0	
	No 2-1/2 can (29 oz)	14.1	1/4 cup heated vegetable	7.1	
	No. 300 can (15 oz)	7.04	1/4 cup heated vegetable	14.3	1 No. 300 can = about 15.1 oz (1-3/4 cups) ready-to-serve or -cook pumpkin
	Pound	7.77	1/4 cup heated vegetable	12.9	
RADISHES					
Radishes, Fresh Without tops	Pound	12.8	1/4 cup whole vegetable (about 7 small radishes)	7.9	1 lb without tops = 0.94 lb ready-to-serve raw radishes
	Pound	15.3	1/4 cup raw, sliced vegetable	6.6	
RAISINS					
Raisins Regular moisture Seedless Includes USDA Commodity	Pound	12.6	1/4 cup fruit	8.0	1 lb AP = about 3-1/8 cups raisins
	Package (1.3 oz to 1.5 oz)	1.00	1/4 cup fruit	100.0	
	Pound	21.4	1/4 cup cooked fruit	4.7	
RASPBERRIES					
Raspberries, fresh Whole	Pint (11-1/2 oz)	8.70	1/4 cup raw, whole fruit	11.5	1 pt AP = 0.69 lb (about 2-1/8 cups) ready-to-serve raw berries
	Pound	12.1	1/4 cup raw, whole fruit	8.3	1 lb AP = 0.96 lb (about 3 cups) ready-to-serve raw berries
Raspberries, canned Red Whole	No. 10 can (103 oz)	48.0	1/4 cup fruit and juice	2.1	1 No. 10 can = 53.0 oz drained berries
	Pound	7.45	1/4 cup fruit and juice	13.5	1 lb AP = about 8.25 oz drained berries

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
RASPBERRIES (continued)					
Raspberries, frozen <i>Fruit and Juice</i>	Pound	7.20	1/4 cup thawed fruit and juice	13.9	
Raspberries, frozen <i>Red Puree</i> <i>Includes USDA Commodity</i>	Pound	7.69	1/4 cup thawed fruit puree	13.1	1 lb AP = about 1-7/8 cups thawed fruit puree
	5 lb 12 oz container	44.2	1/4 cup thawed fruit puree	2.3	5 lb 12 oz container = about 11 cups thawed fruit puree
Raspberries, frozen <i>Red Whole Grade A Individually-quick-frozen</i>	Pound	12.5	1/4 cup thawed, drained fruit	8.0	1 lb AP = 1 lb (about 3 cups) ready-to-serve thawed, drained berries
RHUBARB					
Rhubarb, fresh <i>Without leaves</i>	Pound	6.20	1/4 cup cooked fruit, sugar added	16.2	1 lb AP = 0.86 lb ready-to-cook rhubarb
Rhubarb, frozen	Pound	10.0	1/4 cup cooked fruit, sugar added	10.0	
RUTABAGAS					
Rutabagas, fresh <i>Whole</i>	Pound	8.30	1/4 cup pared, cubed, cooked vegetable	12.1	1 lb AP = 0.85 lb ready-to-cook rutabaga
	Pound	5.70	1/4 cup pared, cooked, drained, mashed vegetable	17.6	
SALSA¹⁰					
Salsa, canned <i>Includes USDA Commodity (all vegetable ingredients plus a minor amount of spices)</i>	No. 10 can (106 oz)	49.3	1/4 cup vegetable	2.1	1 No. 10 can = about 12-1/3 cups vegetable

¹⁰ For salsa products that contain all vegetable ingredients plus a minor amount of spices or flavorings, one hundred percent of the product may be used to meet the volume vegetable/fruit requirement for meal pattern requirements. When products contain non-vegetable ingredients like gums, starches or stabilizers, water or vinegar, only that portion of the product that is a vegetable ingredient may be counted towards the volume requirement.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SALSA¹⁰ (continued)					
Salsa, canned¹⁰ <i>Chunky Commercial (all vegetable ingredients plus a minor amount of spices)</i>	1 gal (8 lb 10 oz)	63.9	1/4 cup vegetable	1.6	1 gallon container = 16 cups
SAUERKRAUT					
Sauerkraut, canned	No. 10 can (99 oz)	36.5	1/4 cup heated, drained vegetable	2.8	1 No. 10 can = about 11-7/8 cups drained, unheated vegetable
	No. 2-1/2 can (27 oz)	15.0	1/4 cup heated, drained vegetable	6.7	1 No. 2-1/2 can = about 23.0 oz (4-1/2 cups) drained, unheated vegetable
	No. 300 can (14-1/2 oz)	4.93	1/4 cup heated, drained vegetable	20.3	
SEAWEED					
Seaweed, dehydrated <i>Wakame</i>	Pound	91.0	1/4 cup trimmed, rehydrated vegetable	1.1	1 lb dry = 4.3 lb (about 22-2/3 cups) rehydrated ready-to-serve or -cook seaweed
SOUPS, CANNED					
Soups, canned <i>Condensed (1 part soup to 1 part water) Minestrone, Tomato, Tomato with other basic components such as rice, Vegetable (all vegetable), and Vegetable with other basic components such as meat or poultry</i>	No. 3 Can 50 oz (or about 46 fl oz)	11.5	1 cup reconstituted (about 1/4 cup vegetable)	8.7	Reconstitute 1 part soup with not more than 1 part water
	Pound	3.68	1 cup reconstituted (about 1/4 cup vegetable)	27.2	
	Picnic (about 10-3/4 oz)	2.40	1 cup reconstituted (about 1/4 cup vegetable)	41.7	

¹⁰ For salsa products that contain all vegetable ingredients plus a minor amount of spices or flavorings, one hundred percent of the product may be used to meet the volume vegetable/fruit requirement for meal pattern requirements. When products contain non-vegetable ingredients like gums, starches or stabilizers, water or vinegar, only that portion of the product that is a vegetable ingredient may be counted towards the volume requirement.

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SOUPS, CANNED (continued)					
Soups, canned <i>Ready-to-serve Minestrone, Tomato, Tomato with other basic components such as rice, Vegetable (all vegetable), and Vegetable with other basic components such as meat or poultry</i>	8 fl oz can	1.00	1 cup serving (about 1/4 cup vegetable)	100.0	
Soups, canned <i>Bean Soup Condensed (1 part soup to 1 part water)</i>	No. 3 Cyl (54 oz)	23.0	1/2 cup reconstituted (1/4 cup heated beans)	4.4	Reconstitute 1 part soup with not more than 1 part water
	Pound	6.80	1/2 cup reconstituted (1/4 cup heated beans)	14.8	
Soups, canned <i>Bean Soup Ready-to-serve</i>	8 oz can	1.00	1 cup serving (1/2 cup heated beans)	100.0	
SPINACH					
Spinach, fresh <i>Partly trimmed</i>	Pound	30.7	1/4 cup raw, chopped vegetable	3.3	1 lb AP = 0.88 lb ready-to- cook or -serve raw spinach
	Pound	20.4	1/4 cup vegetable with dressing	5.0	
	Pound	7.60	1/4 cup cooked, drained vegetable	13.2	
Spinach, fresh <i>Leaves (4-inch by 9-inch) Ready-to-use</i>	Pound	25.6	1/4 cup raw, chopped vegetable	4.0	1 lb AP = 1 lb (about 6-3/8 cups) ready-to-cook or -serve raw spinach
	Pound	12.6	1/4 cup wilted vegetable	8.0	1 lb AP = 1.03 lb (about 3-1/8 cups) wilted (lightly steamed for one minute) spinach

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SPINACH (continued)					
Spinach, canned	No. 10 can (98 oz)	25.2	1/4 cup heated, drained vegetable	4.0	1 No. 10 can = about 55.0 oz drained spinach
	No. 2-1/2 can (27 oz)	6.90	1/4 cup heated, drained vegetable	14.5	1 No. 2-1/2 can = about 17.6 oz (2-1/4 cups) drained spinach
	No. 300 can (13-1/2 oz)	3.91	1/4 cup heated, drained vegetable	25.6	1 No. 300 can = about 1 cup drained, unheated spinach
	Pound	4.11	1/4 cup heated, drained vegetable	24.4	
Spinach, frozen Chopped	Pound	5.60	1/4 cup cooked, drained vegetable	17.9	
Spinach, frozen Leaf Whole	Pound	6.50	1/4 cup cooked, drained vegetable	15.4	
SQUASH, SUMMER					
Squash, Summer, fresh Yellow	Pound	7.30	1/4 cup cubed, cooked, drained vegetable	13.7	1 lb AP = 0.95 lb ready-to-cook squash
	Pound	6.30	1/4 cup cooked, drained mashed vegetable	15.9	
	Pound	15.5	1/4 cup raw, sliced vegetable	6.5	1 lb AP = 0.98 lb (about 3-7/8 cups) ready-to-serve or -cook squash
	Pound	8.42	1/4 cup sliced, cooked, drained vegetable	11.9	1 lb AP = 0.83 lb (about 2 cups) cooked, sliced squash

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SQUASH, SUMMER (continued)					
Squash, Summer, fresh <i>Zucchini Whole</i>	Pound	11.9	1/4 cup raw vegetable sticks (about 3 sticks, 1/2-inch by 3-inch sticks)	8.5	1 lb AP = 0.95 lb (about 2-7/8 cups) ready-to-serve or -cook raw (1/2-inch by 3-inch) squash sticks
	Pound	12.7	1/4 cup raw, cubed vegetable	7.9	1 lb AP = 0.95 lb (about 3-1/8 cups) ready-to-cook or -serve raw 3/4-inch cubed zucchini
	Pound	7.60	1/4 cup cubed, cooked, drained vegetable	13.2	1 lb AP = 0.86 lb cooked, 3/4-inch zucchini cubes
	Pound	13.1	1/4 cup raw, sliced vegetable	7.7	1 lb AP = 0.96 lb (about 3-1/4 cups) ready-to-cook or -serve raw, 1/4-inch zucchini slices
	Pound	10.2	1/4 cup sliced, cooked, drained vegetable	9.9	
Squash, Summer, canned <i>Sliced</i>	No. 10 can (105 oz)	26.5	1/4 cup heated, drained vegetable	3.8	1 No. 10 can = about 61.0 oz (8-3/8 cups) drained, unheated squash
	Pound	4.03	1/4 cup heated, drained vegetable	24.9	1 lb AP = about 9.2 oz (1-1/2 cups) drained squash
Squash, Summer, frozen <i>Yellow Sliced</i>	Pound	7.90	1/4 cup cooked, drained vegetable	12.7	
Squash, Summer, frozen <i>Zucchini Sliced</i>	Pound	7.00	1/4 cup cooked, drained vegetable	14.3	
SQUASH, WINTER					
Squash, Winter, fresh <i>Acorn Whole</i>	1 squash (8 oz)	2.00	1/2 small squash baked in skin (about 1/4 cup vegetable)	50.0	1 lb AP = 0.87 lb ready-to-cook squash in skin
	Pound	4.70	1/4 cup cooked, drained, pared, mashed vegetable	21.3	1 lb AP = 0.70 lb ready-to-cook pared squash

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SQUASH, WINTER (continued)					
Squash, Winter, fresh <i>Butternut Whole</i>	Pound	7.50	1/4 cup cooked, drained, pared, cubed vegetable	13.4	1 lb AP = 0.84 lb ready-to-cook pared squash
	Pound	5.40	1/4 cup cooked, pared, drained, mashed vegetable	18.6	
Squash, Winter, fresh <i>Hubbard Whole</i>	Pound	4.40	1/4 cup cooked, drained, pared, cubed vegetable	22.8	1 lb AP = 0.64 lb ready-to-cook pared squash
	Pound	4.30	1/4 cup cooked, drained, pared, mashed vegetable	23.3	
Squash, Winter, frozen <i>Mashed All varieties</i>	Pound	7.00	1/4 cup cooked vegetable	14.3	
STARFRUIT (CARAMBOLA)					
Star Fruit (Carambola), fresh <i>Whole</i>	Pound	13.5	1/4 cup sliced fruit	7.5	1 lb AP = 0.97 lb (about 3-7/8 cups) ready-to-serve 1/4-inch sliced (about 46 slices) or about 2-7/8 cups chopped star fruit
	Pound	9.50	1/4 cup chopped fruit	10.3	
STRAWBERRIES					
Strawberries, fresh <i>Whole</i>	Pint (11-1/2 oz)	7.90	1/4 cup raw, whole fruit	12.7	1 pt AP = about 0.66 lb ready-to-serve raw berries
	Pound	10.5	1/4 cup raw, whole fruit	9.6	1 lb AP = 0.88 lb ready-to-serve raw berries
Strawberries, frozen <i>Sliced Unsweetened Includes USDA Commodity</i>	Pound	7.28	1/4 cup thawed fruit and juice	13.8	1 lb AP = 1 lb (about 1-3/4 cups) ready-to-serve thawed berries and juice
Strawberries, frozen <i>Sliced Sweetened Includes USDA Commodity</i>	Pound	7.10	1/4 thawed fruit and juice	14.1	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
STRAWBERRIES (continued)					
Strawberries, frozen <i>Whole, Grade A Unsweetened Individually-quick-frozen Includes USDA Commodity</i>	Pound	11.9	1/4 cup thawed fruit	8.5	1 lb AP = 1 lb (about 2-7/8 cups) ready-to-serve, thawed berries
	Pound	10.9	1/4 cup dehydrated fruit	9.2	1 lb AP (dried) = 1 lb (about 2-2/3 cups) ready-to-serve dehydrated berries
SUCCOTASH					
Succotash, canned <i>Corn and Green Beans</i>	No. 10 can (103 oz)	34.1	1/4 cup heated, drained vegetable	3.0	1 No. 10 can = about 65.4 oz (8-1/2 cups) heated, drained succotash
	No. 10 can (103 oz)	37.8	1/4 cup drained vegetable (unheated for salads)	2.7	1 No. 10 can = about 62.0 oz (9-3/8 cups) drained, unheated succotash
	Pound	5.29	1/4 cup heated, drained vegetable	19.0	
	Pound	5.87	1/4 cup drained vegetable (unheated for salads)	17.1	
Succotash, canned <i>Corn and Lima Beans</i>	No. 10 can (105 oz)	36.7	1/4 cup heated, drained vegetable	2.8	1 No. 10 can = about 75.0 oz (9-1/8 cups) heated, drained succotash
	No. 10 can (105 oz)	40.9	1/4 cup drained vegetable (unheated for salads)	2.5	1 No. 10 can = about 71.0 oz (about 10-1/8 cups) drained, unheated succotash
	Pound	5.59	1/4 cup heated, drained vegetable	17.9	
	Pound	6.24	1/4 cup drained vegetable (unheated for salads)	16.1	
Succotash, frozen <i>Corn and Green Beans</i>	Pound	8.76	1/4 cup cooked, drained vegetable	11.5	1 lb AP = 0.95 lb (about 2-1/8 cups) cooked, drained succotash or 2-7/8 cups thawed
	Pound	11.6	1/4 cup thawed vegetable (unheated for salads)	8.7	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SUCCOTASH (continued)					
Succotash, frozen <i>Corn and Lima Beans</i>	Pound	9.25	1/4 cup cooked, drained vegetable	10.9	1 lb AP = 0.95 lb (about 2-1/4 cups) cooked, drained succotash
	Pound	11.6	1/4 cup thawed vegetable (unheated for salads)	8.7	1 lb AP = 1 lb (about 2-7/8 cups) ready-to-serve thawed, unheated succotash
SWEET POTATOES					
Sweet Potatoes, fresh <i>Whole</i>	Pound	6.60	1/4 cup baked vegetable	15.2	1 lb AP = 0.61 lb baked sweet potato without skin
	Pound	5.50	1/4 cup cooked, mashed vegetable	18.2	1 lb AP = 0.80 lb peeled ready-to-cook sweet potato
	Pound	9.10	1/4 cup cooked, sliced vegetable	11.0	
Sweet Potatoes, canned <i>Cut</i> <i>Packed in light syrup</i> <i>Includes USDA Commodity</i>	No. 10 can (108 oz)	33.8	1/4 cup heated, drained vegetable	3.0	1 No. 10 can = about 60.9 oz (8-3/8 cups) heated, drained sweet potato
	No. 2-1/2 can (29 oz)	12.2	1/4 cup heated, drained vegetable	8.2	1 No. 2-1/2 can = about 18.0 oz (3-1/8 cups) heated, drained sweet potato
	No. 300 can (15-3/4 oz)	5.16	1/4 cup heated, drained vegetable	19.4	1 No. 300 can = about 9.0 oz (1-1/4 cups) heated, drained sweet potato
Sweet Potatoes, canned <i>Mashed</i> <i>Includes USDA Commodity</i>	No. 10 can (109 oz)	49.1	1/4 cup heated vegetable	2.1	1 No. 10 can = about 12-1/4 cups heated, mashed sweet potato

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SWEET POTATOES (continued)					
Sweet Potatoes, canned <i>Whole</i> <i>Includes USDA Commodity</i>	No. 10 can (112 oz)	39.1	1/4 cup heated, drained vegetable	2.6	1 No. 10 can = about 78.6 oz (9-3/4 cups) heated, drained sweet potato
	No. 2-1/2 can (29 oz)	12.3	1/4 cup heated, drained vegetable	8.2	1 No. 2-1/2 can = about 18.0 oz (3-1/4 cups) heated, drained sweet potato
	No. 300 can (15-3/4 oz)	5.16	1/4 cup heated, drained vegetable	19.4	1 No. 300 can = about 9.6 oz (1-1/4 cups) heated, drained sweet potato
Sweet Potatoes, frozen <i>Mashed</i> <i>Includes USDA Commodity</i>	Pound	7.55	1/4 cup cooked vegetable	13.3	1 lb AP = 0.99 lb (about 1-3/4 cups) cooked sweet potato
Sweet Potatoes, frozen <i>Center cuts</i> <i>Approx. 7/8 to 1-3/8-inch thick by 1-1/4 to 1-3/4 inch diameter</i>	Pound	9.70	1/4 cup cooked vegetable	10.4	1 lb AP = 0.98 lb (about 2-3/8 cups) cooked sweet potato
Sweet Potatoes, frozen <i>Center cuts</i> <i>Approx. 1-inch thick by 1-3/4 to 2-inch diameter</i>	Pound	9.25	1/4 cup cooked vegetable	10.9	1 lb AP = 0.93 lb (about 2-1/4 cups) cooked sweet potato
Sweet Potatoes, frozen <i>Random cut chunks</i> <i>Includes USDA Commodity</i>	Pound	9.24	1/4 cup cooked vegetable	10.9	1 lb AP = 0.95 lb (about 2-1/4 cups) cooked sweet potato
Sweet Potatoes, frozen <i>Packed in syrup</i>	Pound	7.60	1/4 cup cooked, drained vegetable	13.2	
Sweet Potatoes, dehydrated <i>Flakes</i> <i>Low moisture</i>	Pound	18.5	1/4 cup reconstituted vegetable	5.5	1 lb dry = about 3-3/4 cups dehydrated sweet potato flakes

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
SWISS CHARD					
Swiss Chard, fresh <i>Trimmed</i>	Pound	21.1	1/4 cup raw, chopped vegetable	4.8	1 lb AP = 0.96 lb (about 5-1/4 cups) ready-to-serve raw, chopped Swiss chard
Swiss Chard, fresh <i>Untrimmed</i>	Pound	6.30	1/4 cup cooked, drained vegetable	15.9	1 lb AP = about 0.92 lb ready-to-cook trimmed Swiss chard
TANGELOS					
Tangelos, fresh <i>Whole</i>	Pound	6.67	1/4 cup peeled fruit sections	15.0	1 lb AP = 0.74 lb (about 1-2/3 cups) ready-to-serve peeled, sectioned tangelo
TANGERINES					
Tangerines, fresh <i>120 count</i> <i>Whole</i>	Pound	4.00	1 whole, raw tangerine (about 3/8 cup fruit)	25.0	
	Pound	7.78	1/4 cup peeled fruit sections	12.9	1 lb AP = 0.80 lb (about 1-7/8 cups) ready-to-serve peeled, sectioned tangerine
Tangerines, canned <i>Mandarin Oranges</i>	Pound	7.30	1/4 cup fruit and juice	13.7	1 lb AP = about 0.61 lb (about 1-1/2 cups) drained tangerine
TANNIER (see YAUTIA)					
TARO (see MALANGA)					
TOMATILLOS					
Tomatillos, fresh <i>Whole with stem</i>	Pound	11.9	1/4 cup raw, diced vegetable	8.5	1 lb AP = 0.98 lb (2-7/8 cups) ready-to-serve stemmed, 1/2-inch, diced tomatillo
	Pound	6.38	1/4 cup cooked, diced vegetable	15.7	1 lb AP = 0.82 lb (about 1-1/2 cups) diced, cooked tomatillo
TOMATOES					
Tomatoes, fresh <i>Cherry</i> <i>Whole with stem</i>	Pound	12.1	1/4 cup whole vegetable (about 3 whole cherry tomatoes)	8.3	1 lb AP = 0.99 lb (about 3 cups) stemmed, whole cherry tomatoes
	Pound	10.6	1/4 cup vegetable halves (about 5 cherry tomato halves)	9.5	1 lb AP = 0.99 lb (about 2-2/3 cups) stemmed, halved cherry tomatoes

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
TOMATOES (continued)					
Tomatoes, fresh <i>Whole</i> <i>All sizes</i>	Pound	7.60	1/4 cup diced tomato	13.2	1 lb AP = 0.87 lb ready-to-serve raw, diced tomato
	Pound	10.4	1/4 cup vegetable wedges	9.7	1 lb AP = 0.98 lb (about 2-1/2 cups) ready-to-serve 1/2-inch tomato wedges
Tomatoes, fresh <i>Small or Medium</i> <i>approx 2-1/8-inch to 2-1/4-inch diameter</i> <i>Whole</i>	Pound	8.53	1/4 cup sliced vegetable (about 5 slices, 1/8-inch thick)	11.8	1 lb AP = 0.87 lb (about 2-1/8 cups) 1/8-inch, sliced tomato
Tomatoes, fresh <i>Large or Extra large</i> <i>Approx. 2-1/2-inch to 2-3/4-inch diameter</i> <i>Whole</i>	Pound	8.70	1/4 cup sliced vegetable (about 4 slices, 1/8-inch thick)	11.5	1 lb AP = 0.86 lb sliced tomato (1/8-inch, thick slices)
Tomatoes, fresh <i>Diced</i> <i>Ready-to-use</i>	Pound	8.74	1/4 cup raw vegetable	11.5	1 lb AP = 1 lb (about 2-1/8 cups) ready-to-serve tomato
	Pound	6.67	1/4 cup cooked vegetable	15.0	1 lb AP = 0.85 lb (about 1-2/3 cups) cooked tomato
Tomatoes, canned <i>Whole or Stewed</i> <i>Includes USDA Commodity</i>	No. 10 can (102 oz)	45.5	1/4 cup heated vegetable and juice	2.2	1 No. 10 can = about 66.0 oz drained tomato
	No. 10 can (102 oz)	48.8	1/4 cup vegetable and juice	2.1	
	No. 2-1/2 can (28 oz)	12.5	1/4 cup heated vegetable and juice	8.0	1 No. 2-1/2 can = about 18.5 oz drained tomato
	No. 2-1/2 can (28 oz)	13.4	1/4 cup vegetable and juice	7.5	
	No. 300 can (14-1/2 oz)	6.14	1/4 cup heated vegetable and juice	16.3	
	No. 300 can (14-1/2 oz)	6.59	1/4 cup vegetable and juice	15.2	
	Pound	7.13	1/4 cup heated vegetable and juice	14.1	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
TOMATOES (continued)					
Tomatoes, canned <i>Crushed</i>	No. 10 can (102 oz)	46.6	1/4 cup heated vegetable and juice	2.2	1 No. 10 can = about 12 cups tomato and juice
	No. 2-1/2 can (28 oz)	12.7	1/4 cup heated vegetable and juice	7.9	1 No. 2-1/2 can = about 18.5 oz drained tomato
	Pound	7.30	1/4 cup heated vegetable and juice	13.7	
Tomatoes, canned <i>Diced</i> <i>Includes USDA Commodity</i>	No. 10 can (102 oz)	49.2	1/4 cup heated vegetable and juice	2.1	1 No. 10 can = about 12-1/4 cups heated, tomato and juice
	No. 2-1/2 can (28 oz)	13.5	1/4 cup heated vegetable and juice	7.5	1 No. 2-1/2 can = about 18.5 oz drained, unheated tomato
	No. 300 can (14-1/2 oz)	6.99	1/4 cup heated vegetable and juice	14.4	
	Pound	7.71	1/4 cup heated vegetable and juice	13.0	
TOMATO PRODUCTS					
Tomato Products, Canned Tomato Paste <i>24%-28% Natural Tomato Soluble Solids (NTSS)</i> <i>Includes USDA Commodity</i>	No. 10 can (111 oz)	192.0	1 tablespoon paste (1/4 cup vegetable)	0.53	1 No. 10 can = about 12 cups tomato paste
	No. 2-1/2 can (30 oz)	52.0	1 tablespoon paste (1/4 cup vegetable)	2.0	1 No. 2-1/2 can = about 3-1/4 cups tomato paste
	Pound	27.6	1 tablespoon paste (1/4 cup vegetable)	3.7	1 No. 10 can paste plus 3 cans water = 48 cups single strength tomato juice
	Picnic (12 oz)	20.7	1 tablespoon paste (1/4 cup vegetable)	4.9	12 oz can = about 1-1/4 cups paste
Tomato Products, canned Tomato Puree <i>Not less than 8% but less than 24 % Natural Tomato Soluble Solids (NTSS)</i>	No. 10 can (106 oz)	96.0	2 tablespoons puree (1/4 cup vegetable)	1.1	1 No. 10 can = 12 cups puree, 1 No. 10 can tomato puree plus one can water = 24 cups single strength tomato juice
	No. 2-1/2 can (29 oz)	26.2	2 tablespoons puree (1/4 cup vegetable)	3.9	
	Pound	14.4	2 tablespoons puree (1/4 cup vegetable)	7.0	

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1 Food As Purchased, AP	2 Purchase Unit	3 Servings per Purchase Unit, EP	4 Serving Size per Meal Contribution	5 Purchase Units for 100 Servings	6 Additional Information
TOMATO PRODUCTS (continued)					
Tomato Products, canned Tomato Sauce <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	50.7	1/4 cup vegetable	2.0	
	No. 300 can (15 oz)	6.85	1/4 cup vegetable	14.6	
	Pound	7.65	1/4 cup vegetable	13.1	
Tomato Products, canned Spaghetti Sauce, Meatless <i>USDA Commodity</i>	No. 10 can (106 oz)	47.9	1/4 cup heated vegetable	2.1	1 No. 10 can = about 12 cups heated spaghetti sauce
TURNIPS					
Turnips, fresh <i>Whole</i>	Pound	10.8	1/4 cup raw, pared vegetable sticks (about 7 sticks, 1/2-inch by 2-inch sticks)	9.3	1 lb AP = 0.83 lb (about 2-2/3 cups) ready-to-serve raw, pared turnip sticks
Turnips, fresh <i>Without tops</i>	Pound	11.2	1/4 cup raw, pared, cubed or diced vegetable	9.0	1 lb AP = 0.79 lb ready-to-cook or -serve raw pared turnip
	Pound	8.70	1/4 cup pared, cubed, cooked, drained vegetable	11.5	1 lb AP = 0.78 lb (about 2-1/8 cups) pared, cubed, cooked turnip
	Pound	5.60	1/4 cup cooked, drained, pared, mashed vegetable	17.9	
TURNIP GREENS					
Turnip Greens, fresh <i>Untrimmed</i>	Pound	6.50	1/4 cup cooked, drained vegetable	15.4	1 lb AP = 0.70 lb ready-to-cook turnip greens
Turnip Greens, canned	No. 10 can (98 oz)	27.6	1/4 cup heated, drained vegetable	3.7	1 No. 10 can = 58.0 oz drained turnip greens
	No. 2-1/2 can (27 oz)	7.60	1/4 cup heated, drained vegetable	13.2	
	No. 300 can (14-1/2 oz)	3.72	1/4 cup heated, drained vegetable	26.9	
	Pound	4.50	1/4 cup heated, drained vegetable	22.3	

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TURNIP GREENS (continued)					
Turnip Greens, frozen <i>Chopped or Whole Leaf</i>	Pound	9.60	1/4 cup cooked, drained vegetable	10.5	
TURTLE BEANS (see BLACK BEANS)					
UGLI FRUIT					
Ugli Fruit, fresh <i>Whole</i>	Pound	6.33	1/4 cup peeled, chopped fruit	15.8	1 lb AP = 0.67 lb (about 1-1/2 cups) ready-to-serve raw, peeled, chopped ugli fruit. One 32-count ugli fruit = about 14.6 oz
VEGETABLES, MIXED					
Vegetables, Mixed, canned <i>Seven vegetables: Carrots, Celery, Corn, Green Beans, Green Peas, Lima Beans and Potatoes</i> <i>Includes USDA Commodity</i>	No. 10 can (106 oz)	36.1	1/4 cup heated, drained vegetable	2.8	1 No. 10 can = about 66.5 oz (9-1/4 cups) drained vegetable
	No. 2-1/2 can (29 oz)	11.5	1/4 cup heated, drained vegetable	8.7	1 No. 2-1/2 can = about 19.4 oz (3-3/8 cups) drained vegetable
	No. 300 can (15 oz)	4.64	1/4 cup heated, drained vegetable	21.6	1 No. 300 can = about 8.6 oz (1-1/2 cup) drained, unheated vegetable
Vegetables, Mixed, frozen <i>Seven vegetables: Carrots, Celery, Corn, Green Beans, Green Peas, Lima Beans, and Potatoes</i>	Pound	8.10	1/4 cup cooked, drained vegetable	12.4	
Vegetables, Mixed, frozen <i>Broccoli and Cauliflower blend</i>	Pound	11.9	1/4 cup thawed vegetable (unheated for salads)	8.5	1 lb AP = 0.98 lb (about 2-7/8 cups) ready-to-serve thawed, mixed vegetables for salad bar
	Pound	10.7	1/4 cup cooked, drained vegetable	9.4	1 lb AP = 0.95 lb (about 2-2/3 cups) cooked, drained, mixed vegetables

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VEGETABLES, MIXED (continued)					
Vegetables, Mixed, frozen <i>Broccoli, Cauliflower, and Carrot Blend</i>	Pound	11.9	1/4 cup thawed vegetable (unheated for salads)	8.5	1 lb AP = 0.98 lb (about 2-7/8 cups) ready-to-serve thawed, mixed vegetables for salad bar
	Pound	10.6	1/4 cup cooked, drained vegetable	9.5	1 lb AP = 0.94 lb (about 2-2/3 cups) cooked, drained mixed vegetables
Vegetables, Mixed, frozen <i>Carrot, Corn, and Green Bean blend</i>	Pound	9.84	1/4 cup thawed vegetable (unheated for salads)	10.2	1 lb AP = 0.99 lb (about 2-3/8 cups) ready-to-serve thawed, mixed vegetables for salad bar
	Pound	9.20	1/4 cup cooked, drained vegetable	10.9	1 lb AP = 0.96 lb (about 2-1/4 cups) cooked, drained, mixed vegetables
Vegetables, Mixed, frozen <i>Peppers and Onions</i>	Pound	7.71	1/4 cup cooked, drained vegetable	13.0	1 lb AP = 0.86 lb (about 1-7/8 cups) cooked, drained, mixed vegetables
WATER CHESNUTS					
Water Chestnuts, canned	Pound	6.70	1/4 cup drained fruit	15.0	
WATERCRESS					
Watercress, fresh	Pound	50.5	1/4 cup raw vegetable sprigs or pieces	2.0	1 lb AP = 0.92 lb ready-to-serve raw watercress
WATERMELON¹¹					
Watermelon, fresh¹¹ <i>Whole</i>	1 Melon (about 27 lb)	168.9	1/4 cup fruit	0.60	
	Pound	6.10	1/4 cup diced fruit without rind	16.4	1 lb AP = 0.61 lb (about 1-1/2 cups) ready-to-serve raw, 1/2-inch diced watermelon without rind
YAM BEAN (see JICAMA)					

¹¹ In response to Salmonella outbreaks associated with raw melon, the Food and Drug Administration has provided guidance for safe handling practices for melons that include washing the outer surface of the melon thoroughly with cool tap water to remove surface dirt.

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YAUTIA (TANNIER)					
Yautia (Tannier), fresh <i>Whole</i>	Pound	8.84	1/4 cup peeled, diced, raw vegetable	11.4	1 lb AP = 0.74 lb (about 2-1/8 cups) ready-to-serve, peeled, 1-inch, diced yautia (tannier)
	Pound	8.84	1/4 cup diced, cooked vegetable	11.4	1 lb AP = 0.80 lb peeled, diced, cooked yautia (tannier) (absorbs water during cooking)
YUCCA (CASSAVA)					
Yucca, (Cassava), fresh <i>Whole</i>	Pound	8.01	1/4 cup peeled, cooked chunks	12.5	1 lb AP = 0.76 lb peeled, cooked, 4 to 5-inch yucca chunks