The Exchange List System for Diabetic Meal Planning

If you or someone you know has diabetes, you may be worried about what the future holds. Diabetes is likely to cause changes in your life, but with proper care, most diabetics can live much as they did before developing the disease.

Diabetes is a condition whereby the body does not make enough insulin or use it properly. Without insulin, the body cannot utilize food for energy. People with diabetes have high blood glucose levels and many have high blood cholesterol and triglyceride levels.

The two main types of diabetes are:

- **Type 1** or *insulin-dependent*
- **Type 2** or *non-insulin-dependent*

**Type 1** is treated with daily insulin injections, regular exercise, and a balanced meal plan. The daily meal plan is tailored to an individual's needs. It is likely to include three meals and two or three snacks eaten at set times each day.

**Type 2** is treated with an individualized diet plan that usually restricts calories, especially calories from fat, so the individual can reach and maintain a healthy weight. Treatment also includes following a regular exercise plan. If diet and exercise do not control blood glucose, oral medication or insulin injections may be needed.

The nutritional goals for management of diabetes include the following:

- Maintain desirable blood glucose and blood lipid (fat) levels.
- Maintain optimal nutritional status.
- Reach and maintain a healthy weight.

Usually, a doctor will prescribe a visit with a registered dietitian who can help the diabetic work out a specific meal plan. Often, the meal plan is a guide which shows the number of food choices to eat at each meal and snack using the *diabetic exchange lists*.

The *exchange lists* group foods together because they are alike. Foods on each list have about the same amount of carbohydrate, protein, fat and calories. In the amounts given, all choices on each list are equal. Any food on the list can be exchanged or traded for any other food on the list. The lists are grouped into three main groups: carbohydrate group; meat and meat substitute group; and fat group.

The carbohydrate group contains the starch, fruit, milk, other carbohydrates and vegetable lists. Grouping foods this way allows for more convenient exchange among these lists and more flexibility in choosing foods. The meat and meat substitute group contains very lean, lean, medium-fat, and high-fat meat and substitute lists. The fat group contains monounsaturated, polyunsaturated and saturated fat lists.
Starch List

Each item on this list contains approximately 15 grams of carbohydrate, 3 grams of protein, a trace of fat and 80 calories. Whole grain products average about 2 grams of fiber per serving. As a general rule, 1/2 cup of cereal, grain or pasta and 1 ounce of a bread product equals one serving.

Dried Beans/Peas/Lentils
Beans and peas, cooked (such as kidney, white, split, blackeye) ........... 1/2 cup
Lentils, cooked ................. 1/2 cup
Lima beans .................... 2/3 cup

Starchy Vegetables
Corn ..................... 1/2 cup
Corn on the cob, 6-inch ....... 1
Peas, green .................. 1/2 cup
Potato, baked or boiled ....... 1 small (3 oz)
Potato, mashed ............... 1/2 cup
Squash, winter (acorn or butternut) .... 1 cup
Yam, sweet potato, plain .... 1/2 cup
Baked beans ................ 1/3 cup

Cereals/Grains/Pasta
Bran cereals .................. 1/2 cup
Bulgur ........................ 1/2 cup
Cooked cereals ................ 1/2 cup
Cornmeal, dry ................ 3 tbsp
Grape-Nuts® .................. 1/4 cup
Grits, cooked ................. 1/2 cup
Cereals, ready-to-eat unsweetened .... 3/4 cup
Cereals, sugar-frosted ....... 1/2 cup
Pasta, cooked ............... 1/2 cup
Puffed cereal ................ 1 1/2 cup
Rice, white or brown (cooked) .... 1/3 cup
Shredded wheat ............ 1/2 cup
Wheat germ ................... 3 tbsp

Bread
Bagel ....................... 1/2 (1 oz)
Bread, reduced-calorie ....... 2 slices (1 1/2 oz)
Bread-white, wheat, rye .... 1 slice (1 oz)
Bread sticks, crisp ......... 4 inches long, 1/2 inch thick .... 2 (2/3 oz)
English muffin ............. 1/2
Frankfurter or hamburger bun .... 1/2 (1 oz)
Pita, 6 inches across .......... 1/2
Plain roll, small ............ 1 (1 oz)
Raisin, unfrosted ........... 1 slice (1 oz)
Tortilla, 6 inches across .... 1

Crackers/Snacks
Animal crackers .............. 8
Graham crackers, 2 1/2 inches .... 3
Matzoth ..................... 3/4 oz
Melba toast .................. 4 slices
Oyster crackers ............ 24
Popcorn (popped, no fat added) .... 3 cups
Pretzels ..................... 3/4 oz
Rice Cakes, 4 inches across .... 2
Saltine-type crackers ....... 6
Whole wheat crackers (no fat added) .... 2-5 (3/4 oz)

Starchy Foods Prepared With Fat
(Count as 1 starch/bread serving plus 1 fat serving)
Biscuit, 2 1/2 inches across .... 1
Chow mein noodles ............ 1/2 cup
Corn bread, 2 inch cube ....... 1/2 (2 oz)
Cracker, round butter type ...... 6
Croutons .................... 1 cup
French fried potatoes ....... 16-25 (3 oz)
Granola ..................... 1/4 cup
Muffin, plain, small ........ 1
Pancake, 4 inches across ..... 2
Stuffing, bread (prepared) .... 1/3 cup
Taco shell, 6 inches across .... 2
Waffle, 4 1/2 inches square .... 1
Whole wheat crackers (fat added) .... 4-6 (1 oz)
Popcorn, microwave ........... 3 cups
Sandwich crackers, cheese/peanut butter ............ 3

Fruit List

Each item on this list contains about 15 grams of carbohydrate and 60 calories. Fresh, frozen and dry fruits have about 2 grams of fiber per serving. Fruit juices contain very little dietary fiber.

- 1/2 cup of fresh fruit or fruit juice
- 1/4 cup of dried fruit

Apple (raw, 2 inches across) .... 1 apple
Applesauce (unsweetened) ..... 1/2 cup
Apricots (medium, raw) ....... 4 apricots
Apricots (canned) ............. 1/2 cup
Banana (small) .............. 1 banana
Blackberries (raw) .......... 3/4 cup
Blueberries (raw) .......... 3/4 cup
Cantaloupe (5 inches across) .... 1/3 melon (cubes) .... 1 cup
Cherries (large, raw) ....... 12 cherries
Cherries (canned) .......... 1/2 cup
Figs (raw) .................... 1 1/2 large or 2 medium

Fruit cocktail (canned) .... 1/2 cup
Grapefruit (large) ........... 1/2 fruit
Grapefruit, segments ......... 3/4 cup
Grapes (small) ............. 17 grapes
Honeydew (medium) ......... 1 slice (10 oz) (cubes) .... 1 cup
Kiwi (large) ................. 1 fruit
Mandarin oranges .......... 3/4 cup
Mango (small) ............... 1/2 mango or 1/2 cup
Nectarine (small) .......... 1 nectarine
Orange (small) ............ 1 orange
Peach (medium) ............ 1 peach
Peaches (canned) .......... 1/2 cup
Peaches (canned) .......... 3/4 cup
Pear ......................... 1/2 large
Pears (canned) ............... 1/2 cup

2 halves
2 halves
Pineapple (raw) .................. 3/4 cup  
Pineapple (canned) .............. 1/2 cup  
Plums (small) .................. 2 plums  
Raspberries (raw) .............. 1 cup  
Strawberries (raw, whole) .. 1 1/4 cup  
Tangerine (small) .............. 2 fruits  
Watermelon, cubes .......... 1 1/4 cup

**Dried Fruit**
- Apples ....................... 4 rings  
- Apricots .................... 8 halves  
- Dates ....................... 3 medium  
- Figs .......................... 1 1/2  
- Prunes ...................... 3 medium  
- Raisins ........................ 2 tbsp

**Fruit Juices**
- Apple juice/cider ........... 1/2 cup  
- Cranberry juice cocktail .... 1/3 cup  
- Cranberry juice cocktail, reduced-calorie .......... 1 cup  
- Grapefruit juice ............ 1/2 cup  
- Grape juice ................ 1/3 cup  
- Orange juice ................. 1/2 cup  
- Pineapple juice ............. 1/2 cup  
- Prune juice .................. 1/3 cup  
- Fruit juice blends, 100% juice .......... 1/3 cup

**Milk List**
Each serving of milk or milk product on this list contains about 12 grams of carbohydrate and 8 grams of protein. Calories vary depending on the amount of fat in the kind of milk you choose. The list is divided into skim/very lowfat milk, lowfat milk and whole milk.

**Skim and Very Lowfat Milk**
(One exchange contains 12 grams of carbohydrate, 8 grams of protein, 0-3 grams of fat and 90 calories.)

- Skim milk ..................... 1 cup  
- 1/2% milk .................... 1 cup  
- 1% milk ...................... 1 cup  
- Nonfat or lowfat buttermilk .... 1 cup  
- Evaporated skim milk ........ 1/2 cup  
- Dry nonfat milk ............ 1/3 cup  
- Plain nonfat yogurt .......... 3/4 cup  
- Nonfat or lowfat fruit-flavored yogurt with aspartame or non-nutritive sweetener .......... 1 cup

**Lowfat Milk**
(One exchange contains 12 grams of carbohydrate, 8 grams of protein, 5 grams of fat and 120 calories.)

- 2% milk ..................... 1 cup  
- Plain lowfat yogurt .......... 3/4 cup

**Whole Milk**
(One exchange contains 12 grams of carbohydrate, 8 grams of protein, 8 grams of fat and 150 calories.)

- Whole milk .................. 1 cup  
- Evaporated whole milk .......... 1/2 cup  
- Goat’s milk .................. 1 cup

**Other Carbohydrate List**
Foods in this list can be substituted for foods from the starch, fruit or milk lists. Some will also count as one or more fat exchanges.

<table>
<thead>
<tr>
<th>Food</th>
<th>Serving size</th>
<th>Exchanges Per Serving</th>
</tr>
</thead>
<tbody>
<tr>
<td>Angel food cake, unfrosted</td>
<td>1/12 cake</td>
<td>2 carbohydrates</td>
</tr>
<tr>
<td>Brownie, small, unfrosted</td>
<td>2&quot; square</td>
<td>1 carbohydrate, 1 fat</td>
</tr>
<tr>
<td>Cake, unfrosted</td>
<td>2&quot; square</td>
<td>1 carbohydrate, 1 fat</td>
</tr>
<tr>
<td>Cake, frosted</td>
<td>2&quot; square</td>
<td>2 carbohydrates, 1 fat</td>
</tr>
<tr>
<td>Cookie</td>
<td>2 small</td>
<td>1 carbohydrate, 1 fat</td>
</tr>
<tr>
<td>Cookie, fat free</td>
<td>2 small</td>
<td>1 carbohydrate</td>
</tr>
<tr>
<td>Doughnut, plain cake</td>
<td>1 medium</td>
<td>1 1/2 carbohydrates, 2 fats</td>
</tr>
<tr>
<td>Doughnut, glazed</td>
<td>1 (3 3/4&quot; across)</td>
<td>2 carbohydrates, 2 fats</td>
</tr>
<tr>
<td>Fruit spreads, 100% fruit</td>
<td>1 tbsp</td>
<td>2 carbohydrates</td>
</tr>
<tr>
<td>Gelatin, regular</td>
<td>1/2 cup</td>
<td>1 carbohydrate</td>
</tr>
<tr>
<td>Granola bar</td>
<td>1 bar</td>
<td>1 carbohydrate, 1 fat</td>
</tr>
<tr>
<td>Ice cream</td>
<td>1/2 cup</td>
<td>1 carbohydrate, 2 fats</td>
</tr>
<tr>
<td>Ice cream, light</td>
<td>1/2 cup</td>
<td>1 carbohydrate, 1 fat</td>
</tr>
<tr>
<td>Ice cream, fat-free, no sugar added</td>
<td>1/2 cup</td>
<td>1 carbohydrate</td>
</tr>
<tr>
<td>Pie, fruit, 2 crusts</td>
<td>1/6 pie</td>
<td>3 carbohydrates, 2 fats</td>
</tr>
<tr>
<td>Pie, pumpkin or custard</td>
<td>1/8 pie</td>
<td>1 carbohydrate, 2 fats</td>
</tr>
<tr>
<td>Pudding, regular, with lowfat milk</td>
<td>1/2 cup</td>
<td>2 carbohydrates</td>
</tr>
<tr>
<td>Pudding, sugar-free, lowfat milk</td>
<td>1/2 cup</td>
<td>1 carbohydrate</td>
</tr>
<tr>
<td>Snack chips</td>
<td>1 oz</td>
<td>1 carbohydrate, 2 fats</td>
</tr>
<tr>
<td>Sherbet, sorbet</td>
<td>1/2 cup</td>
<td>2 carbohydrates</td>
</tr>
<tr>
<td>Spaghetti sauce, canned</td>
<td>1/2 cup</td>
<td>1 carbohydrate, 1 fat</td>
</tr>
<tr>
<td>Sweet roll</td>
<td>1 (2 1/2 oz)</td>
<td>2 carbohydrates, 2 fats</td>
</tr>
<tr>
<td>Syrup, regular</td>
<td>1 tbsp</td>
<td>1 carbohydrate</td>
</tr>
<tr>
<td>Yogurt, frozen, lowfat, fat-free</td>
<td>1/3 cup</td>
<td>1 carbohydrate, 0-1 fat</td>
</tr>
<tr>
<td>Yogurt, lowfat with fruit</td>
<td>1 cup</td>
<td>3 carbohydrates, 0-1 fat</td>
</tr>
</tbody>
</table>
**Vegetable List**

Each vegetable on this list contains about 5 grams of carbohydrate, 2 grams of protein, 0 grams of fat and 25 calories. Vegetables contain 2-3 grams of dietary fiber. Unless stated otherwise, one vegetable exchange is as follows:

- 1/2 cup of cooked vegetable or vegetable juice
- 1 cup of raw vegetables

Artichoke
Artichoke hearts
Asparagus
Beans (green, wax, Italian)
Bean sprouts
Beets
Broccoli
Brussels sprouts
Cabbage
Carrots
Cauliflower
Celery
Cucumber
Eggplant
Greens (collard, kale, mustard, turnip)
Green onions
Kohlrabi
Leeks
Mixed vegetables (without corn, peas, or pasta)
Mushrooms (cooked)
Okra
Onions
Pea pods
Peppers (all varieties)
Radishes
Salad greens
Sauerkraut
Spinach
Summer squash
Tomato
Tomato sauce
Tomato/vegetable juice
Turnips
Water chestnuts
Watercress
Zucchini

**Very Lean Meat and Substitutes List**

(One exchange has 7 grams of protein, 0-1 grams fat and 35 calories and equals any one of the following items.)

Poultry: Chicken or turkey (white meat no skin),
Cornish hen (no skin) ......................1 oz
Fish: Fresh or frozen cod, flounder, haddock, halibut, trout; tuna, fresh or canned in water .... 1 oz
Shellfish: Clams, crab, lobster, scallops,
shrimp, imitation shellfish ................ 1 oz
Game: Duck or pheasant (no skin), venison,
buffalo, ostrich ............................. 1 oz

Cheese with 1 gram or less fat per ounce:
Nonfat or low-fat cottage cheese ........ 1/4 cup
Fat-free cheese ............................ 1 oz

Other: Processed sandwich meats with 1 gram or less fat per ounce, such as deli thin, shaved meats, chipped beef, turkey ham .... 1 oz
Egg whites ................................. 2
Egg substitutes, plain .................... 1/4 cup

Hot dogs with 1 gram or less fat per ounce .......... 1 oz
Kidney (high cholesterol) .................. 1 oz
Sausage with 1 gram or less fat per ounce ........ 1 oz

Count as one very lean meat and one starch exchange:
Dried beans, peas, lentils (cooked) ........ 1/2 cup

**Lean Meat and Substitutes**

(One exchange has 7 grams of protein, 3 grams of fat, 55 calories and equals any one of the following items.)

Beef: USDA Select or Choice grades of trimmed lean round, sirloin, and flank steak; tenderloin; and roast (rib, chuck, rump);
steak (t-bone, porter house, cubed);
ground round .............................1 oz

Pork: Lean pork such as fresh ham;
canned, cured, or boiled ham;
Canadian bacon, tenderloin;
center loin chop ........................... 1 oz

Lamb: Roast, chop, tenderloin ............ 1 oz

Veal: Lean chop, roast .................... 1 oz

Poultry: Chicken (white meat with skin),
chicken (dark meat, no skin),
turkey (dark meat, no skin),
domestic duck or goose (well drained of fat, no skin) ................. 1 oz

Fish: Oysters ............................... 6 medium
Tuna (canned in oil, drained) .......... 1 oz
Herring ................................. 1 oz
Salmon (fresh or canned), catfish .... 1 oz
Sardines (canned) ...................... 2 medium

Wild Game: Goose (without skin), rabbit .... 1 oz
Cheese: Cottage cheese (4.5% fat) ..... 1/4 cup
Grated parmesan ....................... 2 tbsp
Diet cheeses (3 grams fat or less) .... 1 oz

Other: Hotdogs with 3 grams or less
fat/ounce ..................................1/2 oz
luncheon meat with 3 grams or less
fat/ounce ................................. 1 oz

**Meat and Meat Substitute List**

Each serving of meat and substitute on this list contains about 7 grams of protein. The amount of fat and calories varies, depending on the choice. The list is divided into very lean meat, lean meat, medium-fat meat and high-fat meat. One meat exchange is as follows:

- 1 ounce of meat, poultry, fish or cheese
- 1/2 cup dried beans
Medium-Fat Meats
(One exchange has 7 grams of protein, 5 grams of fat, 75 calories and equals any one of the following items:
Beef: Most beef products fall into this category. Examples are ground beef, meatloaf, corned beef short ribs, prime grades of meat trimmed of fat such as prime rib ........................................ 1 oz
Pork: Chops, top loin, Boston butt, cutlets ........................................ 1 oz
Lamb: Rib, roast, ground ........................................ 1 oz
Veal: Cutlet (unbreaded) ........................................ 1 oz
Poultry: Chicken (dark meat with skin), ground turkey or ground chicken, fried chicken (with skin)........................................ 1 oz
Fish: Any fried fish product ........................................ 1 oz
Cheese: With 5 grams of fat or less fat per ounce
Ricotta ........................................ 2 oz
Mozzarella ........................................ 1 oz
Feta ........................................ 1 oz

Other: Egg (limit to 3 per week) ........................................ 1
Tofu (2 1/2 inches x 2 3/4 inches x 1 inch) ........................................ 4 oz or 1/2 cup
Sausage with 5 grams or less fat/ounce ........................................ 1 oz
Soy milk ........................................ 1 cup

High-Fat Meats
(One exchange has 7 grams of protein, 8 grams of fat, 100 calories and is equal to any one of the following items.)
Pork: Sparerib, ground pork, sausage ........................................ 1 oz
Cheese: All regular cheeses, such as American, Cheddar, Swiss, Monterey Jack ........................................ 1 oz
Other: Luncheon meat with 8 grams or less fat per ounce, such as bologna, pimento loaf, salami ........................................ 1 oz
Sausage, such as Polish, Italian ........................................ 1 oz
Frankfurter (turkey or chicken) ........................................ 1
Bacon ........................................ 3 slices

Count as one high-fat meat exchange plus one fat exchange:
Frankfurter (beef or pork) ........................................ 1
Peanut butter ........................................ 2 tbsp

Fats List
Fats are divided into monounsaturated, polyunsaturated, and saturated fats. Each serving on the fat list contains 5 grams of fat and 45 calories. Items on this list should be used sparingly.

Monounsaturated Fats
Avocado, medium ........................................ 1/8 (1 oz)
Oil (canola, olive, peanut) ........................................ 1 tsp
Olives: ripe (black) ........................................ 8 large green, stuffed ........................................ 10 large

Nuts:
- almonds, cashews ........................................ 6 nuts
- mixed (50% peanuts) ........................................ 6 nuts
- peanuts ........................................ 10 nuts
- pecans ........................................ 4 halves
- Peanut butter, smooth or crunchy ........................................ 2 tsp
- Sesame seeds ........................................ 1 tbsp

Polyunsaturated Fats
- Margarine, (stick, tub, squeeze) ........................................ 1 tsp
- Margarine, reduced-fat ........................................ 1 tsp
- Mayonnaise, regular ........................................ 1 tsp
- Mayonnaise, reduced-fat ........................................ 1 tsp
- Miracle Whip, regular ........................................ 2 tsp
- Miracle Whip, light ........................................ 1 tsp
- Oil (corn, safflower, soybean) ........................................ 1 tsp
- Salad dressings, regular ........................................ 1 tbsp
- Salad dressings, reduced-fat ........................................ 2 tbsp
- Seeds, pumpkin or sunflower ........................................ 1 tbsp

Saturated Fats
Butter, stick ........................................ 1 tsp
- whipped ........................................ 2 tsp
Butter, reduced fat ........................................ 1 tbsp
Bacon ........................................ 1 slice
Chitterlings ........................................ 1/2 oz
Coconut, shredded ........................................ 2 tsp
Cream, light or half and half ........................................ 2 tbsp
Cream, sour, regular ........................................ 2 tbsp
Cream, sour, reduced fat ........................................ 3 tbsp
Cream, heavy, whipping ........................................ 1 tsp
Cream cheese, regular ........................................ 1 tbsp
Cream cheese, reduced fat ........................................ 2 tbsp
Salt pork ........................................ 1/4 oz
Shortening or lard ........................................ 1 tsp

Free Foods
A free food is any food or drink that contains less than 20 calories or less than 5 grams of carbohydrate per serving. Use as much as you want for those items that have no serving size specified. Items that have a specific serving size should be limited to 3 servings per day.

Fat-free or Reduced-fat Foods
Cream cheese, fat-free ........................................ 1 tbsp
Creamers, nondairy, liquid ........................................ 1 tbsp
Creamers, nondairy, powdered ........................................ 2 tsp
Mayonnaise, fat-free ........................................ 1 tsp
Mayonnaise, reduced-fat ........................................ 1 tsp
Margarine, fat-free ........................................ 4 tbsp
Margarine, reduced-fat ........................................ 1 tsp
Non-stick cooking spray, Salad dressing, mayonnaise-type, fat free ........................................ 1 tbsp
Salad dressing, mayonnaise-type, reduced fat ........................................ 1 tsp
Salad dressing, fat free ........................................ 1 tbsp
Salad dressing, fat-free, Italian ........................................ 2 tbsp
Salsa ........................................ 1/4 cup
Sour cream, fat free ........................................ 1 tbsp
Whipped topping ........................................ 2 tbsp
**Sugar-free or Low-sugar Foods**

- Candy, hard, sugar-free .......................... 1 candy
- Gelatin, sugar-free
- Gum, sugar-free
- Jam/jelly, sugar-free ................................. 2 tsp
- Pancake syrup, sugar-free ........................... 2 tbsp
- Sugar substitute

**Drinks**

- Bouillon or broth without fat
- Bouillon, low-sodium
- Carbonated drinks, sugar-free
- Club soda
- Cocoa powder, unsweetened .......................... 1 tbsp

**Coffee/tea**

- Drink mixes, sugar-free
- Tonic water, sugar-free

**Condiments**

- Catsup .................................................. 1 tbsp
- Horseradish
- Lemon or lime juice
- Mustard
- Pickles, unsweetened ................................. 1 1/2 large
- Soy sauce
- Taco sauce .................................................. 1 tbsp
- Vinegar

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**Combination Foods**

Many foods we eat are combinations of foods that do not fit into only one exchange list. This list gives average values for some typical combination foods and can help you fit these foods into your meal plan.

<table>
<thead>
<tr>
<th>Food</th>
<th>Amount</th>
<th>Exchange</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casseroles, homemade</td>
<td>1 cup (8 oz)</td>
<td>2 carbohydrates, 2 medium-fat meats</td>
</tr>
<tr>
<td>Cheese pizza, thin crust</td>
<td>1/4 of 10&quot;</td>
<td>2 carbohydrates, 2 medium-fat meats, 1 fat</td>
</tr>
<tr>
<td>Pizza, meat topping, thin crust</td>
<td>1/4 of 10&quot;</td>
<td>2 carbohydrates, 2 medium-fat meats, 2 fat</td>
</tr>
<tr>
<td>Macaroni and cheese, beans</td>
<td>1 cup (8 oz)</td>
<td>2 carbohydrates, 2 medium-fat meats</td>
</tr>
<tr>
<td>Bean</td>
<td>1 cup (8 oz)</td>
<td>1 carbohydrate, 1 very lean meat</td>
</tr>
<tr>
<td>Cream, made with water</td>
<td>1 cup (8 oz)</td>
<td>1 carbohydrate, 1 fat</td>
</tr>
<tr>
<td>Split pea made with water</td>
<td>1/2 cup (4 oz)</td>
<td>1 carbohydrate</td>
</tr>
<tr>
<td>Vegetable, beef, or chicken noodle</td>
<td>1 cup (8 oz)</td>
<td>1 carbohydrate</td>
</tr>
</tbody>
</table>

A diabetic's meal plan is flexible and can be adjusted for varying needs, likes and dislikes. Check with your dietitian regularly to review your meal plan and ask any questions you may have. Your county Extension agent - family and consumer sciences can also provide information on healthy eating.