



# carb counting and meal planning

tools to help  
you manage  
your blood sugar

**Favorably reviewed by:**



These Novo Nordisk patient education materials were developed using information from the following sources: American Association of Diabetes Educators, American Diabetes Association, and American Dietetic Association. These booklets do not replace the advice of your diabetes care team. Be sure to consult your diabetes care team regarding your individual diabetes care plan.

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## Healthy eating basics

Your diabetes care plan has three parts: a healthy eating plan, a physical activity plan, and medicine. Healthy eating is the same for people with diabetes as it is for people without diabetes. To have a healthy eating plan, you need to:

- Eat a wide variety of foods to get the energy, vitamins, and minerals you need
- Be sure to check food labels for nutrient, carb, and sodium amounts
- Eat more:
  - Whole-grain foods
  - Vegetables and fruits
  - Fat-free and low-fat dairy products
- Eat fewer foods high in:
  - Cholesterol
  - Saturated fat
  - *Trans* fat
  - Sodium

Visit [ChangingDiabetes-us.com](http://ChangingDiabetes-us.com) to find a personal menu planner that will create a 7-day meal plan made up of your favorite foods. Your plan comes complete with diabetes-friendly recipes and a shopping list.



## Planning healthy meals

For teenagers and adults, a day's worth of healthy meals includes:

- 6 to 11 servings of grains or starches
- 3 to 5 servings of vegetables
- 2 to 4 servings of fruit
- 2 to 3 servings of milk and dairy foods
- 4 to 6 ounces of meat or meat substitutes

How many servings do you need? That depends on your height, weight, age, sex, and how active you are.

Ask your diabetes care team to refer you to a registered dietitian (RD) if there is not already one on your team. This person can help you make a meal plan. You want to have the right balance of food, medicine, and activity.

Join a FREE program to help you manage your diabetes. See the back cover flap of this booklet to learn more.

"I have been an RN [registered nurse] for 25 years and have seen the changes in diabetes care first hand . . . I truly believe everyone who has diabetes as well as their family members should attend a nutrition class . . . I have taught many diabetics how to manage their sugar and still enjoy (occasionally) their favorite foods. Tight control of your blood sugar will help allow all diabetics to live a healthier, happier life."

– Tina A, Texas

## What about fiber?

It's also important to include fiber in your meals. Fiber:

- May lower the risk of some diseases, including heart disease and some forms of cancer
- Helps lower cholesterol levels by absorbing some of the fat and cholesterol from food
- Helps prevent constipation
- Helps you feel full longer

Adults should eat 25 to 30 grams of fiber a day. Good sources of fiber include:

- Dried beans (such as kidney or pinto beans)
- Oats and barley
- Nuts and seeds, such as walnuts and flaxseeds
- Fruits and vegetables
- Whole-grain breads, cereals, and pasta



## Carb counting and diabetes

Carbohydrate (or “carb”) counting is a tool that can help you choose healthy foods. Many people with diabetes use this tool. Carbs are the main nutrient in foods that affect after-meal blood sugar levels. The other energy nutrients – protein and fat – have much less of an effect on your blood sugar.

Carb counting can help you:

- Manage your blood sugar
- Be flexible in your choice of foods and meal times
- Eat more foods that you enjoy

To count carbs, you need to:

- Know which foods contain carbs
- Find out how many carbs are in those foods
- Read food labels and use measuring tools such as measuring cups, spoons, and a food scale
- Work with your diabetes care team to decide how to divide your carbs among your meals and snacks

“Diet and exercise have played an important part in controlling both my and my son’s diabetes . . . There will be a cure one day; until that time, diligence in watching your diet and testing your blood sugar will play a huge part in combating the disease.”

– Russell S, Illinois



## Which foods contain carbs?

Many foods contain carbs. The foods that contain the most carbs are:

- Starches – bread, cereal, crackers, grains, rice, pasta
- Starchy vegetables – potatoes, corn, peas, beans
- All fruits and fruit juices
- Milk and yogurt
- Sugary foods – candy, regular soda pop, jelly
- Sweets – cakes, cookies, pies, ice cream

In fact, the only food groups that generally don't contain carbs are:

- Meats and meat substitutes, such as eggs and cheese
- Fats and oils

Because carbs raise blood sugar more than other nutrients, you may wonder why you should eat them at all. You need to eat foods with carbs because they provide your body with energy.

Sweets are okay to include in your meal plan once in a while. But keep in mind that sweets often contain a lot of carbs, calories, and fat.

## What about sugar alcohols?

Sugar alcohols are one kind of reduced-calorie sweetener. They include sweeteners like maltitol, mannitol, sorbitol, xylitol, and isomalt. Sugar alcohols are used in some sugar-free candy, gum, and desserts. Despite their name, sugar alcohols do not contain alcohol.

Products containing sugar alcohols are not always low in carbs or calories. And products that say that they are "sugar-free" are often not calorie- or carb-free. So it's important to check the label on any of these products. The effect of sugar alcohols on your blood sugar can vary.

## Counting carbs

Work with your dietitian or another member of your diabetes care team to find the number of carbs you need in your meal plan. That's the number that you should aim for each day.

Your dietitian or diabetes educator can help you easily divide your carbs among your meals and snacks. If you take diabetes pills or 1 to 2 injections of insulin a day, it's important to try to eat the same amount of carbs at the same meals and snacks each day. If you take 3 or more injections of insulin a day, you may have more flexibility with your meal plan.

Skipping meals can lead to low blood sugar, especially if you take insulin. If you include snacks in your meal plan, don't forget to count the carbs!

To create a 7-day meal plan complete with recipes and a shopping list, go to [ChangingDiabetes-us.com](http://ChangingDiabetes-us.com).

**Keep in mind that in the food lists, 1 carb unit equals 15 grams of carbohydrate.** For example, page 36 says that cranberry juice cocktail should be counted as "1 carb." That means that ½ cup of cranberry juice cocktail has about 15 grams of carbohydrate.



## How many carbs are in my favorite foods?

For foods that come in packages, the best place to find the carb count is on the Nutrition Facts label. The grams of total carbohydrate on the label are the key to carb counting. Don't worry about counting the sugar and fiber grams. They are included in the total carb number.

Check serving size. Information on the label is based on the serving size

See how many grams of carb are in each serving

Decide whether the food fits into your meal plan

# Nutrition Facts

Serving Size 1 cup (40g)  
Servings Per Container 2.5

## Amount Per Serving

**Calories 150** **Calories From Fat 10**

**% Daily Value\***

Total Fat 3g	4%
Saturated Fat 0.5g	2%
Trans Fat 0g	0%
Cholesterol 0mg	0%
Sodium 10mg	1%
<b>Total Carbohydrate 24g</b>	<b>9%</b>
Dietary Fiber 4g	15%
Sugars 1g	
Protein 5g	
Vitamin A	4%
Vitamin C	2%
Calcium	20%
Iron	4%

\* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs.

## Using exchange lists for meal planning

Exchange lists can be used to count carbs. They can be used to count calories too. Each list has foods that have about the same amount of carbs.\* They have about the same amount of calories, protein, and fat, too. So you can exchange, or switch, one food from a list with another food from that list.

Let's say your breakfast plan calls for 1 serving from the fruit list. You can choose half a grapefruit, 1 extra-small banana, or 1 serving of a different fruit on the list.

Check the introduction to each food group. See how many carb grams the servings in that group have.

The exchange lists come in these groups:

- Starch
- Fruits
- Milk
- Sweets, Desserts, and Other Carbohydrates
- Nonstarchy Vegetables
- Meat and Meat Substitutes
- Fats

The exchange lists begin on page 22 of this booklet.

You can create a personalized menu using foods from the lists at [ChangingDiabetes-us.com](http://ChangingDiabetes-us.com).

\*Carb counts of foods can vary. All counts provided are approximate.



For foods without a label, such as fruits and vegetables, you can use the food exchange lists in this booklet to find the carb counts. Be sure to check the portion size. You can also go to [ChangingDiabetes-us.com](http://ChangingDiabetes-us.com) and use the food look-up tool.

Let's say you want to plan your breakfast and your goal is to have 63 grams of carb for breakfast. You can have:

1½ cups of cereal (1½ servings)	36 grams of carb (Check the Nutrition Facts label)
1 cup of milk	12 grams of carb (See page 32)
1 extra-small sliced banana	15 grams of carb (See page 29)
Total:	63 grams of carb



## The food list

The following chart shows the amount of carb grams in 1 serving from each food list.

Food	Carb (grams)
Starch: breads; cereals and grains; starchy vegetables; crackers and snacks; and beans, peas, and lentils	15
Fruits	15
Milk: fat-free, low-fat, 1%; reduced-fat, 2%; whole	12
Sweets, Desserts, and Other Carbohydrates	15
Nonstarchy Vegetables	5
Meat and Meat Substitutes	
Lean, such as cottage cheese or fish	—
Medium-fat, such as beef or egg	—
High-fat, such as cheese or sausage	—
Plant-based proteins, such as beans or tofu	varies
Fats	—
Alcohol	varies



“I’ve been diabetic for almost 38 years and have always gone out of my way to take good care of myself. . . Socially, it’s a pain to stick with healthy eating, but the end result is definitely worth it. I exercise regularly and believe that managing what you eat is the strongest fight we have to put up in order to take care of ourselves.”

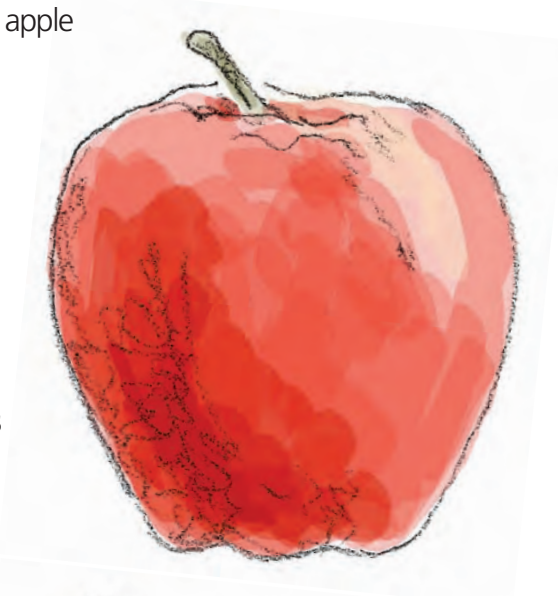
– Diane S, California



## Portion sizes count!

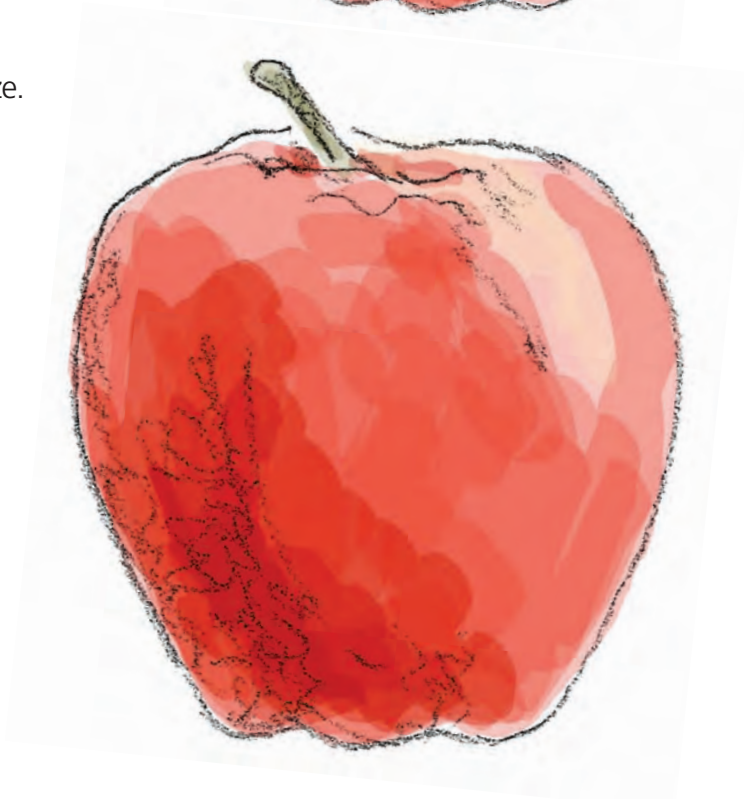
It's important to eat not only the right types of foods, but also the right amounts. You can eat too much of healthy foods!

For example, a small 4-ounce apple (the size of a small fist) has about 15 carb grams. A large apple has about 30 carb grams. That's a big difference!



**Small apple: 15 carb grams**

Apples are shown actual size.



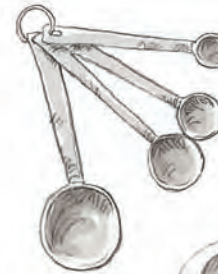
**Large apple: 30 carb grams**

*“Living with diabetes one day at a time and taking each day as a new day helps me keep my outlook clear and grateful instead of denying my diabetes and letting it beat me!”*

– Rebecca G, New Jersey

To make sure your portions are right, you need to weigh and measure your foods. Do you need to do this every time you eat? No. But it's helpful if you weigh and measure your foods when you first start carb counting. It's also helpful to continue weighing and measuring your foods every once in a while, just to make sure your portions haven't grown over time.

**Measuring spoons**



**Measuring cups**



**Food scale**

## When you're dining out and you can't measure, you can estimate!

If you are dining out or you're unable to use measuring cups and spoons or a scale, you can use your hand to estimate portion sizes. (Note: these estimates are based on the size of a small hand.)



- Your fist equals about 1 cup



- Your palm equals about 3 ounces



- Your thumb equals about 2 tablespoons or 1 ounce
- Your thumb tip equals about 1 teaspoon
- A handful equals about 2 ounces (¼ cup) of a snack food

For more meal planning tools, visit [ChangingDiabetes-us.com](http://ChangingDiabetes-us.com).

## Daily calorie goal

The table below shows how many servings from the different food groups you would eat for each daily calorie level. Each column lists the total grams of carbs, the recommended number of food servings from each food group, and how many grams of carbs are in these servings. To find out how much food is in a serving, check the lists at the end of this booklet.

- Current recommendation of total carbs for a healthy diet is 50% of total calorie needs
- 1200 calories per day is the minimum necessary to meet your nutrient needs

Calories	1200	1500	1800	2000	2200
Total carbs (grams/serving)	144	174	209	239	269
Servings					
<b>Starches (15 grams)</b>	5	6	8	10	11
<b>Fruits (15 grams)</b>	2	3	3	3	4
<b>Milk &amp; yogurt* (12 grams)</b>	2	2	2	2	2
<b>Vegetables, nonstarchy (5 grams)</b>	3	3	4	4	4
Lean meat and meat substitutes	4 oz	6 oz	7 oz	8 oz	8 oz
Fats	5	6	7	7	8

Bold = foods that contain carbohydrate. \*Fat-free.

## Sample meal plan 1500 calories, 174 carb grams

Food	Amount	Food Group	Carb Grams
<b>Breakfast</b>			
Bran flakes	1½ cups	Starch	30
Milk, fat-free	1 cup	Milk	12
Banana	extra-small (4 oz)	Fruit	15
<b>Meal total</b>			<b>57</b>
<b>Lunch</b>			
Sandwich of:			
Roast beef, lean	2 oz	Meat	0
Cheese (part skim)	1 oz	Meat	0
Whole-wheat bread	2 slices	Starch	30
Mayonnaise, reduced fat	1 Tbsp	Fat	0
Baby carrots and grape tomatoes with low-fat dressing	½ cup each 2 Tbsp	Vegetable Fat	5 0
Apple, large (8 oz)	1	Fruit	30
<b>Meal total</b>			<b>65</b>
<b>Supper</b>			
Winter squash	1 cup	Starch	15
Whole-wheat bread roll with margarine, regular tub	1 small 2 tsp	Starch Fat	15 0
Broccoli, steamed with lemon	½ cup	Vegetable	5
Salad: greens, cucumber, red pepper, and Italian dressing	1 cup 1 Tbsp	Vegetable Fat	5 0
Broiled flounder with lemon	3 oz	Meat	0
<b>Meal total</b>			<b>40</b>
<b>Evening snack</b>			
Yogurt, plain, fat-free	⅔ cup (6 oz)	Milk	12
<b>Meal total</b>			<b>12</b>
<b>Total</b>			<b>174</b>

Visit [ChangingDiabetes-us.com](http://ChangingDiabetes-us.com) to find tools that make meal planning easy! The personalized meal planner lets you plan meals that include the foods you like best. The planner comes complete with recipes and a shopping list.



## Advanced carb counting

Do you use intensive insulin therapy to manage your blood sugar? Then you may want to do advanced carb counting. This may help you manage your blood sugar better.

The goal of this kind of counting is to try to match the amount of rapid-acting insulin you take with the amount of carbs you eat. You use an insulin-to-carb ratio to do this. Each person responds in a different way to insulin. So, each person has a different ratio. You may need different ratios for different meals or times of the day, too.

Your insulin-to-carb ratio is made just for you. An RD can help you find it. He or she can teach you how to do advanced carb counting, too. If you don't already have an RD on your diabetes care team, ask your team to refer you to one.

To learn more about insulin therapy, ask your diabetes care team for a copy of the Novo Nordisk booklet *Diabetes Medicines*. You can also visit [ChangingDiabetes-us.com](http://ChangingDiabetes-us.com).

## Food exchange lists

The following pages provide the exchange lists for meal planning. You can use these lists in planning your meals. You might find it helpful to keep this booklet handy and refer to it often. It's also a good idea to review these lists with a registered dietitian.

There are three main groups of foods in these lists. They are based on the three major nutrients: carbohydrates, protein (meat and meat substitutes), and fat. Each food list contains foods that are grouped together because they have similar nutrient content and serving sizes. Each serving of a food has about the same amount of carbohydrate, protein, fat, and calories as the other foods on the same list.

### Key to symbols



= More than 3 grams of dietary fiber per serving.



= Extra fat or prepared with added fat.  
(Count as 1 starch + 1 fat.)



= 480 milligrams or more of sodium per serving.

The Exchange Lists are used with permission. Reproduction of the Exchange Lists in whole or part, without permission of the American Dietetic Association or the American Diabetes Association, Inc. is a violation of federal law. This material has been modified from *Choose Your Foods: Exchange Lists for Diabetes*, which is the basis of a meal planning system designed by a committee of the American Diabetes Association and the American Dietetic Association. While designed primarily for people with diabetes and others who must follow special diets, the Exchange Lists are based on principles of good nutrition that apply to everyone.

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A choice on the starch list has **15 grams of carb**, 0–3 grams of protein, 0–1 grams of fat, and 80 calories.

Cereals, grains, pasta, breads, crackers, snacks, starchy vegetables, and cooked beans, peas, and lentils are starches. In general, 1 starch is:

- ½ cup of cooked cereal, grain, or starchy vegetable
- ⅓ cup of cooked rice or pasta
- 1 oz of a bread product, such as 1 slice of bread
- ¾ oz to 1 oz of most snack foods (some snack foods may also have extra fat)

For maximum health benefits, eat 3 or more servings of whole grains each day. A serving of whole grain is about ½ cup of cooked cereal or grain, 1 slice of whole-grain bread, or 1 cup of whole-grain cold breakfast cereal.





## Starch (continued)

### Bread

Food	Serving Size or Portion
Bagel, large (about 4 oz)	¼ (1 oz)
😊 Bread, reduced-calorie	2 slices (1½ oz)
Bread, white, whole-grain, pumpernickel, rye, unfrosted raisin	1 slice (1 oz)
Chapatti, small, 6 inches across	1
English muffin	½
Hot dog or hamburger bun	½ (1 oz)
Naan, 8 inches × 2 inches	¼
Pancake, 4 inches across, ¼ inch thick	1
Pita, 6 inches across	½
Roll, plain, small	1 (1 oz)
⚠️ Taco shell, 5 inches across	2
Tortilla, corn or flour, 6 inches across	1
Tortilla, flour, 10 inches across	⅓ tortilla
⚠️ Waffle, 4-inch square or 4 inches across	1



### Cereals and Grains

Food	Serving Size or Portion
Barley, cooked	⅓ cup
Bran, dry	
😊 Oat	¼ cup
😊 Wheat	½ cup
😊 Bulgur (cooked)	½ cup
Cereals	
😊 Bran	½ cup
Cooked (oats, oatmeal)	½ cup
Puffed	1½ cups
Shredded wheat, plain	½ cup
Sugar-coated	½ cup
Unsweetened, ready-to-eat	¾ cup
Couscous	⅓ cup
Granola	
Low-fat	¼ cup
⚠️ Regular	¼ cup
Grits, cooked	½ cup
Kasha	½ cup
Millet, cooked	⅓ cup
Muesli	¼ cup
Pasta, cooked	⅓ cup
Polenta, cooked	⅓ cup
Rice, white or brown, cooked	⅓ cup
Tabbouleh (tabouli), prepared	½ cup
Wheat germ, dry	3 Tbsp
Wild rice, cooked	½ cup

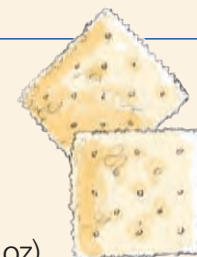
**Starchy Vegetables**

Food	Serving Size or Portion
Cassava	1/3 cup
Corn	1/2 cup
On cob, large	1/2 cob (5 oz)
😊 Hominy, canned	3/4 cup
😊 Mixed vegetables with corn, peas, or pasta	1 cup
😊 Parsnips	1/2 cup
😊 Peas, green	1/2 cup
Plantain, ripe	1/3 cup
Potato	
Baked with skin	1/4 large (3 oz)
Boiled, all kinds	1/2 cup or 1/2 medium (3 oz)
⚠️ Mashed, with milk and fat	1/2 cup
French fried (oven-baked)	1 cup (2 oz)
😊 Pumpkin, canned, no sugar added	1 cup
Spaghetti/pasta sauce	1/2 cup
😊 Squash, winter (acorn, butternut)	1 cup
😊 Succotash	1/2 cup
Yam, sweet potato, plain	1/2 cup



**Crackers and Snacks**

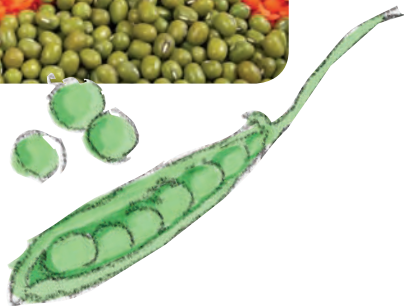
Food	Serving Size or Portion
Animal crackers	8
Crackers	
⚠️ Round, butter-type	6
Saltine-type	6
⚠️ Sandwich-style, cheese or peanut butter filling	3
⚠️ Whole-wheat regular	2–5 (3/4 oz)
😊 Whole-wheat lower fat or crispbreads	2–5 (3/4 oz)
Graham cracker, 2 1/2-inch square	3
Matzoh	3/4 oz
Melba toast, about 2-inch by 4-inch piece	4
Oyster crackers	20
Popcorn	
⚠️😊 With butter	3 cups
😊 No fat added	3 cups
😊 Lower fat	3 cups
Pretzels	3/4 oz
Rice cakes, 4 inches across	2
Snack chips	
Fat-free or baked (tortilla, potato), baked pita chips	15–20 (3/4 oz)
⚠️ Regular (tortilla, potato)	9–13 (3/4 oz)



### Beans, Peas, and Lentils

The choices on this list count as 1 starch + 1 lean meat.

Food	Serving Size or Portion
☺ Baked beans	1/3 cup
☺ Beans, cooked (black, garbanzo, kidney, lima, navy, pinto, white)	1/2 cup
☺ Lentils, cooked (brown, green, yellow)	1/2 cup
☺ Peas, cooked (black-eyed, split)	1/2 cup
☺ 🍷 Refried beans, canned	1/2 cup



A choice on the fruits list has **15 grams of carbs**, 0 grams of protein, 0 grams of fat, and 60 calories. The weight listed includes skin, core, seeds, and rind.

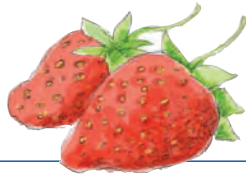


### Fruit

Food	Serving
Apple, unpeeled, small	1 (4 oz)
Apples, dried	4 rings
Applesauce, unsweetened	1/2 cup
Apricots	
Canned*	1/2 cup
Dried	8 halves
☺ Fresh	4 whole (5 1/2 oz)
Banana, extra small	1 (4 oz)
☺ Blackberries	3/4 cup
Blueberries	3/4 cup
Cantaloupe, small	1/3 melon or 1 cup cubed (11 oz)
Cherries	
Sweet, canned*	1/2 cup
Sweet fresh	12 (3 oz)
Dates	3
Dried fruits (blueberries, cherries, cranberries, mixed fruit, raisins)	2 Tbsp
Figs	
Dried	1 1/2
☺ Fresh	1 1/2 large or 2 medium (3 1/2 oz)

\* Choose products canned in light syrup, water, or juice packed.

## Fruits (continued)



Food	Serving Size
Fruit cocktail	½ cup
Grapefruit	
Large	½ (11 oz)
Sections, canned*	¾ cup
Grapes, small	17 (3 oz)
Honeydew melon	1 slice or 1 cup cubed (10 oz)
😊 Kiwi	1 (3½ oz)
Mandarin oranges, canned*	¾ cup
Mango, small	½ fruit (5½ oz) or ½ cup
Nectarine, small	1 (5 oz)
😊 Orange, small	1 (6½ oz)
Papaya	½ fruit or 1 cup cubed (8 oz)
Peaches	
Canned*	½ cup
Fresh, medium	1 (6 oz)
Pears	
Canned*	½ cup
Fresh	½ cup (4 oz)
Pineapple	
Canned*	½ cup
Fresh	¾ cup

\* Choose products canned in light syrup, water, or juice packed.

## Food

## Serving Size

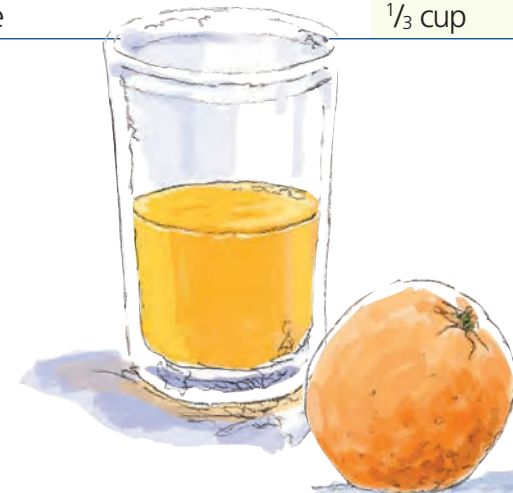
Plums	
Canned*	½ cup
Dried (prunes)	3
Small	2 (5 oz)
😊 Raspberries	1 cup
😊 Strawberries	1¼ cups whole berries
😊 Tangerines, small	2 (8 oz)
Watermelon	1 slice or 1¼ cups cubes (13½ oz)

## Fruit Juice

## Food

## Serving Size

Apple juice/cider	½ cup
Fruit juice blends, 100% juice	⅓ cup
Grape juice	⅓ cup
Grapefruit juice	½ cup
Orange juice	½ cup
Pineapple juice	½ cup
Prune juice	⅓ cup





## Milk

Different types of milk and milk products are on this list. However, two types of milk products are found on other lists:

- Cheeses are on the Meat and Meat Substitutes list (because they are rich in protein)
- Cream and other dairy fats are on the Fats list



Milk and yogurts are grouped in three categories (fat-free/low-fat, reduced-fat, or whole) based on the amount of fat they have. This chart shows you what 1 milk choice contains:

	Carb (grams)	Protein (grams)	Fat (grams)	Calories
Fat-free (skim), low-fat (1%)	12	8	0–3	100
Reduced-fat (2%)	12	8	5	120
Whole	12	8	8	160

### Nutrition tips

- Milk and yogurt are good sources of calcium and protein
- The higher the fat content of milk and yogurt, the more saturated fat and cholesterol it has
- Children over the age of 2 and adults should choose lower-fat varieties such as skim, 1%, or 2% milks or yogurts

### Selection tips

- 1 cup equals 8 fluid oz or ½ pint
- If you choose 2% or whole-milk foods, be aware of the extra fat

### Milk and Yogurts

Food	Serving Size	Count as
<b>Fat-free or low-fat (1%), 0–3 grams of fat per serving, 100 calories</b>		
Milk, buttermilk, acidophilus milk, Lactaid®	1 cup	1 fat-free milk
Evaporated milk	½ cup	1 fat-free milk
Yogurt, plain or flavored with an artificial sweetener	⅔ cup (6 oz)	1 fat-free milk
<b>Reduced-fat (2%), 5 grams of fat per serving, 120 calories</b>		
Milk, acidophilus milk, kefir, Lactaid® milk	1 cup	1 reduced-fat
Yogurt, plain milk	⅔ cup (6 oz)	1 reduced-fat
<b>Whole, 8 grams of fat per serving, 160 calories</b>		
Milk, buttermilk, goat's milk	1 cup	1 whole milk
Evaporated milk	½ cup	1 whole milk
Yogurt, plain	8 oz	1 whole milk

Dairy-like Foods

Food	Serving Size	Count as
Chocolate milk		
Fat-free	1 cup	1 fat-free + 1 carb
Whole	1 cup	1 whole milk + 1 carb
Eggnog, whole milk	½ cup	1 carb + 2 fats
Rice drink		
Flavored, low-fat	1 cup	2 carbs
Plain, fat-free	1 cup	1 carb
Smoothies, flavored, regular	10 oz	1 fat-free milk + 2½ carbs
Soy milk		
Light	1 cup	1 carb + ½ fat
Regular, plain	1 cup	1 carb + 1 fat
Yogurt		
And juice blends	1 cup	1 fat-free milk + 1 carb
Low-carb (less than 6 grams of carbs)	⅔ cup (6 oz)	½ fat-free milk
With fruit, low-fat	⅔ cup (6 oz)	1 fat-free milk + 1 carb



You can substitute food choices from this list for other carb-containing foods (such as those found on the Starch, Fruit, or Milk lists) in your meal plan, even though these foods have added sugars or fat.

Nutrition tips

- A carbohydrate choice has 15 grams of carb, variable grams of protein, variable grams of fat, and variable calories
- The foods on the following list do not have as much vitamins, minerals, and fiber as the choices on the Starch, Fruits, or Milk lists. When choosing sweets, desserts, and other carbohydrate foods, you should also eat foods from other food lists to balance out your meals
- Many of these foods don't equal a single choice. Some will also count as one or more fat choices
- If you are trying to lose weight, choose foods from this list less often
- The serving sizes for these foods are small because of their fat content

Selection tips

- Read the Nutrition Facts on the food label to find the serving size and nutrient information
- Many sugar-free, fat-free, or reduced-fat products are made with ingredients that contain carbs. These types of food usually have the same amount of carbs as the regular foods they are replacing. Talk with your RD and find out how to fit these foods into your meal plan.

## Sweets, Desserts, and Other Carbohydrates (continued)

### Beverages, Soda Pop, and Energy/Sports Drinks

Food	Serving Size	Count as
Cranberry juice cocktail	½ cup	1 carb
Energy drink	1 can (8.3 oz)	2 carbs
Fruit drink or lemonade	1 cup (8 oz)	2 carbs
Hot chocolate		
Regular	1 envelope added to water	1 carb + 1 fat
Sugar-free or light	1 envelope added to water	1 carb
Soft drink (soda pop), regular	1 can (12 oz)	2½ carbs
Sports drink	1 cup (8 oz)	1 carb

### Brownies, Cake, Cookies, Gelatin, Pie, and Pudding

Food	Serving Size	Count as
Brownie, small, unfrosted	1¼-inch square, 7⁄8 inch high (about 1 oz)	1 carb + 1 fat
Cake		
Angel food, unfrosted	1⁄12 of cake (about 1 oz)	2 carbs
Frosted	2-inch square (about 2 oz)	2 carbs + 1 fat
Unfrosted	2-inch square (about 1 oz)	1 carb + 1 fat

Food	Serving Size	Count as
Cookies		
Chocolate chip	2 cookies (2¼ inches across)	1 carb + 2 fats
Gingersnap	3 cookies	1 carb
Sandwich, with crème filling	2 small (about 2⁄3 oz)	1 carb + 1 fat
Sugar-free	3 small or 1 large (¾–1 oz)	1 carb + 1–2 fats
Vanilla wafer	5 cookies	1 carb + 1 fat
Cupcake, frosted	1 small (about 1¾ oz)	2 carbs + 1–1½ fats
Fruit cobbler	½ cup (3½ oz)	3 carbs + 1 fat
Gelatin, regular	½ cup	1 carb
Pie		
Commercially prepared fruit, 2 crusts	1⁄6 of 8-inch pie	3 carbs + 2 fats
Pumpkin or custard	1⁄8 of 8-inch pie	1½ carbs + 1½ fats
Pudding		
Regular (made with reduced-fat milk)	½ cup	2 carbs
Sugar-free or sugar- and fat-free (made with fat-free milk)	½ cup	1 carb




## Sweets, Desserts, and Other Carbohydrates (continued)



### Candy, Spreads, Sweets, Sweeteners, Syrups, and Toppings

Food	Serving Size	Count as
Candy bar, chocolate/peanut	2 "fun size" bars (1 oz)	1½ carbs + 1½ fats
Candy, hard	3 pieces	1 carb
Chocolate "kisses"	5 pieces	1 carb + 1 fat
Coffee creamer		
Dry, flavored	4 tsp	½ carb + ½ fat
Liquid, flavored	2 Tbsp	1 carb
Fruit snacks, chewy (pureed fruit concentrate)	1 roll (¾ oz)	1 carb
Fruit spreads, 100% fruit	1½ Tbsp	1 carb
Honey	1 Tbsp	1 carb
Jam or jelly, regular	1 Tbsp	1 carb
Sugar	1 Tbsp	1 carb
Syrup		
Chocolate	2 Tbsp	2 carbs
Light (pancake type)	2 Tbsp	1 carb
Regular (pancake type)	1 Tbsp	1 carb

## Condiments and Sauces

Food	Serving Size	Count as
Barbecue sauce	3 Tbsp	1 carb
Cranberry sauce, jellied	¼ cup	1½ carbs
 Gravy, canned or bottled	½ cup	½ carb + ½ fat
Salad dressing, fat-free, low-fat, cream-based	3 Tbsp	1 carb
Sweet and sour sauce	3 Tbsp	1 carb

## Doughnuts, Muffins, Pastries, and Sweet Breads

Food	Serving Size	Count as
Banana nut bread	1-inch slice (1 oz)	2 carbs + 1 fat
Doughnut		
Cake, plain	1 medium (1½ oz)	1½ carbs + 2 fats
Yeast type, glazed	3¾ inches across (2 oz)	2 carbs + 2 fats
Muffin (4 oz)	¼ muffin (1 oz)	1 carb + ½ fat
Sweet roll or Danish	1 (2½ oz)	2½ carbs + 2 fats





**Frozen Bars, Frozen Dessert, Frozen Yogurt, and Ice Cream**

Food	Serving Size	Count as
Frozen pops	1	½ carb
Fruit juice bars, frozen, 100% juice	1 bar (3 oz)	1 carb
Ice cream		
Fat-free	½ cup	1½ carbs
Light	½ cup	1 carb + 1 fat
No sugar added	½ cup	1 carb + 1 fat
Regular	½ cup	1 carb + 2 fats
Sherbet, sorbet	½ cup	2 carbs
Yogurt, frozen		
Fat-free	⅓ cup	1 carb
Regular	½ cup	1 carb + 0–1 fat

**Granola Bars, Meal Replacement Bars/Shakes, and Trail Mix**

Food	Serving Size	Count as
Granola or snack bar, regular or low-fat	1 bar (1 oz)	1½ carbs
Meal replacement bar	1 bar (1 oz)	1½ carbs + 0–1 fat
Meal replacement bar	1 bar (2 oz)	2 carbs + 1 fat
Meal replacement shake, reduced calorie	1 can (10–11 oz)	1½ carbs + 0–1 fat
Trail mix		
Candy/nut-based	1 oz	1 carb + 2 fats
Dried fruit-based	1 oz	1 carb + 1 fat

One nonstarchy vegetable choice is:

- ½ cup of cooked vegetables, including vegetable juice, or
- 1 cup of raw vegetables





If you eat 3 cups or more of raw vegetables or 1½ cups of cooked vegetables in a meal, count them as 1 carbohydrate choice.

A choice on this list has **5 grams of carb**, 2 grams of protein, 0 grams of fat, and 25 calories.



- |                             |  |
|-----------------------------|--|
| Amaranth or Chinese spinach | 😊 Brussels sprouts                           |
| Artichoke                   | Cabbage (green, bok choy, Chinese)           |
| Artichoke hearts            | 😊 Carrots                                    |
| Asparagus                   | Cauliflower                                  |
| Baby corn                   | Celery                                       |
| Bamboo shoots               | 😊 Chayote                                    |
| Beans (green, wax, Italian) | Coleslaw, packaged, no dressing              |
| Bean sprouts                | Cucumber                                     |
| Beets                       | Eggplant                                     |
| 🍷 Borscht                   | Gourds (bitter, bottle, luffa, bitter melon) |
| Broccoli                    |  |

## Nonstarchy Vegetables (continued)

Green onions or scallions	Radishes
Greens (collard, kale, mustard, turnip)	Rutabaga
Hearts of palm	 Sauerkraut
Jicama	Soybean sprouts
Kohlrabi	Spinach
Leeks	Squash (summer, crookneck, zucchini)
Mixed vegetables (without corn, peas, or pasta)	Sugar snap peas
Mung bean sprouts	 Swiss chard
Mushrooms, all kinds, fresh	Tomato
Okra	Tomatoes, canned
Onions	 Tomato/vegetable juice
Oriental radish or daikon	Turnips
Pea pods	Water chestnuts
 Peppers (all varieties)	Yard-long beans




## Meat and Meat Substitutes

Foods from this list are divided into 4 groups based on the amount of fat they contain. The following chart shows you what 1 choice includes:




	Carb (grams)	Protein (grams)	Fat (grams)	Calories
Lean meat	—	7	0–3	45
Medium-fat meat	—	7	4–7	75
High-fat meat	—	7	8+	100
Plant-based protein	Varies	7	Varies	Varies




### Lean Meats and Meat Substitutes

Beef: Select or Choice grades trimmed of fat: ground round, roast (chuck, rib, rump), round, sirloin, steak (cubed, flank, porterhouse, T-bone), tenderloin	1 oz
 Beef jerky	½ oz
Cheese with 3 grams of fat or less per oz	1 oz
Cottage cheese	¼ cup
Egg substitutes, plain	¼ cup
Egg whites	2

## Meat and Meat Substitutes (continued)

Fish, fresh or frozen, plain: catfish, cod, flounder, haddock, halibut, orange roughy, salmon, tilapia, trout, tuna	1 oz
 Fish, smoked: herring or salmon (lox)	1 oz
Game: buffalo, ostrich, rabbit, venison	1 oz
Hot dog with 3 grams of fat or less per oz (8 hot dogs per 14-oz package) <i>Note: May be high in carbs</i>	1
Lamb: chop, leg, or roast	1 oz
Organ meats: heart, kidney, liver <i>Note: May be high in cholesterol</i>	1 oz
Oysters, fresh or frozen	6 medium
Pork, lean	
 Canadian bacon	1 oz
Rib or loin chop/roast, ham, tenderloin	1 oz
Poultry, without skin: Cornish hen, chicken, domestic duck or goose (well drained of fat), turkey	1 oz
Processed sandwich meats with 3 grams of fat or less per oz: chipped beef, deli thin-sliced meats, turkey ham, turkey kielbasa, turkey pastrami	1 oz
Salmon, canned	1 oz
Sardines, canned	2 small
 Sausage with 3 grams of fat or less per oz	1 oz
Shellfish: clams, crab, imitation shellfish, lobster, scallops, shrimp	1 oz
Tuna, canned in water or oil, drained	1 oz
Veal, loin chop, roast	1 oz

## Medium-Fat Meat and Meat Substitutes

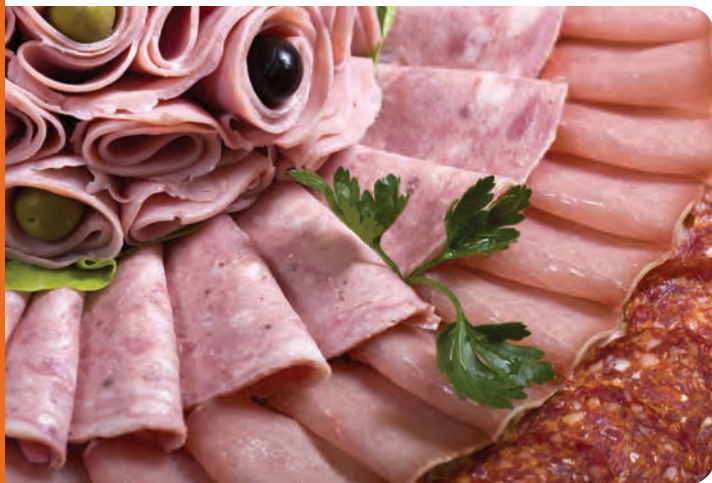
Beef: corned beef, ground beef, meatloaf, Prime grades trimmed of fat (prime rib), short ribs, tongue	1 oz
Cheeses with 4–7 grams of fat per oz: feta, mozzarella, pasteurized processed cheese spread, reduced-fat cheeses, string	1 oz
Egg <i>Note: High in cholesterol, so limit to 3 per week</i>	1
Fish, any fried product	1 oz
Lamb: ground, rib roast	1 oz
Pork: cutlet, shoulder roast	1 oz
Poultry: chicken with skin; dove, pheasant, wild duck, or goose; fried chicken; ground turkey	1 oz
Ricotta cheese	2 oz or ¼ cup
 Sausage with 4–7 grams of fat per oz	1 oz
Veal, cutlet (no breading)	1 oz



## Meat and Meat Substitutes (continued)

### High-Fat Meat and Meat Substitutes

Bacon	
🥩 Pork (16 slices per lb or 1 oz each, before cooking)	2 slices
🥩 Turkey (½ oz each before cooking)	3 slices
Cheese, regular: American, bleu, brie, cheddar, hard goat, Monterey jack, queso, and Swiss	1 oz
🥩📉 Hot dog: beef, pork, or combination (10 per lb-sized package)	1
🥩 Hot dog: turkey or chicken (10 per lb-sized package)	1
Pork: ground, sausage, spareribs	1 oz
Processed sandwich meats with 8 grams of fat or more per oz: bologna, pastrami, hard salami	1 oz
🥩 Sausage with 8 grams of fat or more per oz: bratwurst, chorizo, Italian, knockwurst, Polish, smoked, summer	1 oz



### Plant-Based Proteins

Because carb content varies among plant-based proteins, you should read the Nutrition Facts label.

Food	Serving Size	Count as
"Bacon" strips, soy-based	3 strips	1 medium-fat meat
😊 Baked beans	⅓ cup	1 starch + 1 lean meat
😊 Beans, cooked: black, garbanzo, kidney, lima, navy, pinto, white	½ cup	1 starch + 1 lean meat
😊 "Beef" or "sausage" crumbles, soy-based	2 oz	½ carb + 1 lean meat
"Chicken" nuggets, soy-based	2 nuggets (1½ oz)	½ carb + 1 medium-fat meat
😊 Edamame	½ cup	½ carb + 1 lean meat
Falafel (spiced chickpea and wheat patties)	3 patties (about 2 inches across)	1 carb + 1 high-fat meat
"Hot dog," soy-based	1 (1½ oz)	½ carb + 1 lean meat
😊 Hummus	⅓ cup	1 carb + 1 high-fat meat
😊 Lentils, brown, green, or yellow	½ cup	1 carb + 1 lean meat
😊 Meatless burger, soy-based	3 oz	½ carb + 2 lean meats
😊 Meatless burger, vegetable- and starch-based	1 patty (about 2½ oz)	1 carb + 2 lean meats



Food	Serving Size	Count as
Nut spreads: almond butter, cashew butter, peanut butter, soy nut butter	1 Tbsp	1 high-fat meat
😊 Peas, cooked: black-eyed and split peas	½ cup	1 starch + 1 lean meat
😊 🥫 Refried beans, canned	½ cup	1 starch + 1 lean meat
“Sausage” patties, soy-based	1 (1½ oz)	1 medium-fat meat
Soy nuts, unsalted	¾ oz	½ carb + 1 medium-fat meat
Tempeh	¼ cup	1 medium-fat meat
Tofu	4 oz (½ cup)	1 medium-fat meat
Tofu, light	4 oz (½ cup)	1 lean meat



A choice on the fats list has 5 grams of fat and 45 calories. Read the Nutrition Facts on food labels for serving sizes. One fat choice is based on a serving size that has 5 grams of fat.

### Unsaturated Fats—Monounsaturated Fats

Food	Serving Size
Avocado	2 Tbsp (1 oz)
Nut butters ( <i>trans</i> fat-free): almond butter, cashew butter, peanut butter (smooth or crunchy)	1½ tsp
Nuts	
Almonds	6
Brazil	2
Cashews	6
Filberts (hazelnuts)	5
Macadamia	3
Mixed (50% peanuts)	6
Peanuts	10
Pecans	4 halves
Pistachios	16
Oil: canola, olive, peanut	1 tsp
Olives	
Black (ripe)	8 large
Green, stuffed	10 large



### Polyunsaturated Fats

Food	Serving Size
Margarine: lower fat spread (30%–50% vegetable oil, <i>trans</i> fat-free)	1 Tbsp
Margarine: stick, tub ( <i>trans</i> fat-free), or squeeze ( <i>trans</i> fat-free)	1 tsp
Mayonnaise	1 Tbsp
	1 tsp
Mayonnaise-style salad dressing	1 Tbsp
	2 tsp
Nuts	1 Tbsp
	4 halves
Oil: corn, cottonseed, flaxseed, grape seed, safflower, soybean, sunflower	1 tsp
Oil: made from soybean and canola oil—Enova	1 tsp
Plant stanol esters	1 Tbsp
	2 tsp
Salad dressing	2 Tbsp
	1 Tbsp
Seeds	1 Tbsp
	1 Tbsp
	1 Tbsp
Tahini or sesame paste	2 tsp



### Saturated Fats

Food	Serving Size
Bacon, cooked, regular or turkey	1 slice
Butter	1 Tbsp
	1 tsp
	2 tsp
Butter blends made with oil	1 Tbsp
	1½ tsp
Chitterlings, boiled	2 Tbsp (½ oz)
Coconut, sweetened, shredded	2 Tbsp
Coconut milk	½ cup
	1½ Tbsp
Cream	2 Tbsp
	1 Tbsp
	1½ Tbsp
	2 Tbsp
	¼ cup
Cream cheese	1½ Tbsp (¾ oz)
	1 Tbsp (½ oz)
Lard	1 tsp
Oil: coconut, palm, palm kernel	1 tsp
Salt pork	¼ oz
Shortening, solid	1 tsp
Sour cream	3 Tbsp
	2 Tbsp



## Free Foods

A “free” food is any food or drink choice that has less than 20 calories and **5 grams or less of carb** per serving. Most foods on this list should be limited to 3 servings per day. Spread out the servings throughout the day. If you eat all 3 servings at once, it could raise your blood sugar. Food and drink choices listed here without a serving size can be eaten whenever you like.

### Low-Carb Foods

Food	Serving Size
Cabbage, raw	½ cup
Candy, hard (regular or sugar-free)	1 piece
Carrots, cauliflower, or green beans, cooked	¼ cup
Cranberries, sweetened with sugar substitute	½ cup
Cucumber, sliced	½ cup
Gelatin	
Dessert, sugar-free	
Unflavored	
Gum	
Jam or jelly, light or no sugar added	2 tsp
Rhubarb, sweetened with sugar substitute	½ cup
Salad greens	
Sugar substitutes (artificial sweeteners)	
Syrup, sugar-free	2 Tbsp



### Modified-Fat Foods With Carbs

Food	Serving Size
Cream cheese, fat-free	1 Tbsp (½ oz)
Creamers	
Nondairy, liquid	1 Tbsp
Nondairy, powdered	2 tsp
Margarine spread	
Fat-free	1 Tbsp
Reduced-fat	1 tsp
Mayonnaise	
Fat-free	1 Tbsp
Reduced-fat	1 tsp
Mayonnaise-style salad dressing	
Fat-free	1 Tbsp
Reduced-fat	1 tsp
Salad dressing	
Fat-free or low-fat	1 Tbsp
Fat-free, Italian	2 Tbsp
Sour cream, fat-free or reduced-fat	1 Tbsp
Whipped topping	
Light or fat-free	2 Tbsp
Regular	1 Tbsp

## Condiments

Food	Serving Size
Barbecue sauce	2 tsp
Catsup (ketchup)	1 Tbsp
Honey mustard	1 Tbsp
Horseradish	
Lemon juice	
Miso	1½ tsp
Mustard	
Parmesan cheese, freshly grated	1 Tbsp
Pickle relish	1 Tbsp
Pickles	
🍵 Dill	1½ medium
Sweet, bread and butter	2 slices
Sweet, gherkin	¾ oz
Salsa	¼ cup
🍵 Soy sauce, light or regular	1 Tbsp
Sweet and sour sauce	2 tsp
Sweet chili sauce	2 tsp
Taco sauce	1 Tbsp
Vinegar	
Yogurt, any type	2 Tbsp

## Drinks/Mixes

Any food on this list without a serving size listed can be consumed in any moderate amount.

- 🍵 Bouillon, broth, consommé
- Bouillon or broth, low-sodium
- Carbonated or mineral water
- Club soda
- Cocoa powder, unsweetened (1 Tbsp)
- Coffee, unsweetened or with sugar substitute
- Diet soft drinks, sugar-free
- Drink mixes, sugar-free
- Tea, unsweetened or with sugar substitute
- Tonic water, diet
- Water
- Water, flavored, carb-free



## Seasonings

Any food on this list can be consumed in any moderate amount.

- Flavoring extracts (for example, vanilla, almond, peppermint)
- Garlic
- Herbs, fresh or dried
- Nonstick cooking spray
- Pimento
- Spices
- Hot pepper sauce
- Wine, used in cooking
- Worcestershire sauce

## Combination Foods

Many of the foods you eat are mixed together in various combinations, such as casseroles. These “combination” foods do not fit into any one choice list. This is a list of choices for some typical combination foods. This list will help you fit these foods into your meal plan. Ask your RD for nutrient information about other combination foods you would like to eat, including your own recipes.



### Entrees

Food	Serving Size	Count as
Casserole type (tuna noodle, lasagna, spaghetti with meatballs, chili with beans, macaroni and cheese)	1 cup (8 oz)	2 carbs + 2 medium-fat meats
Stews (beef/other meats and vegetables)	1 cup (8 oz)	1 carb + 1 medium-fat meat + 0–3 fats
Tuna salad or chicken salad	½ cup (3½ oz)	½ carb + 2 lean meats + 1 fat

## Frozen Meals/Entrees

Food	Serving Size	Count as
Burrito (beef and bean)	1 (5 oz)	3 carbs + 1 lean meat + 2 fats
Supper-type meal	Generally 14–17 oz	3 carbs + 3 medium-fat meats + 3 fats
Entree or meal with less than 340 calories	About 8–11 oz	2–3 carbs + 1–2 lean meats
Pizza		
Cheese/vegetarian, thin crust	¼ of a 12-inch (4½–5 oz)	2 carbs + 2 medium-fat meats
Meat topping, thin crust	¼ of a 12-inch (5 oz)	2 carbs + 2 medium-fat meats + 1½ fats
Pocket sandwich	1 (4½ oz)	3 carbs + 1 lean meat + 1–2 fats
Pot pie	1 (7 oz)	2½ carbs + 1 medium-fat meat + 3 fats

### Salads (Deli-Style)

Food	Serving Size	Count as
Coleslaw	½ cup	1 carb + 1½ fats
Macaroni/pasta salad	½ cup	2 carbs + 3 fats
Potato salad	½ cup	1½–2 carbs + 1–2 fats



Soups

Food	Serving Size	Count as
Bean, lentil, or split pea	1 cup	1 carb + 1 lean meat
Chowder (made with milk)	1 cup (8 oz)	1 carb + 1 lean meat + 1½ fats
Cream (made with water)	1 cup (8 oz)	1 carb + 1 fat
Instant With beans or lentils	6 oz prepared 8 oz prepared	1 carb 2½ carbs + 1 lean meat
Miso soup	1 cup	½ carb + 1 fat
Oriental noodle	1 cup	2 carbs + 2 fats
Rice (congee)	1 cup	1 carb
Tomato (made with water)	1 cup (8 oz)	1 carb
Vegetable beef, chicken noodle, or other broth-type	1 cup (8 oz)	1 carb



The choices in this list are not specific fast food meals or items, but are estimates based on popular foods. Ask the restaurant or check its Web site for nutrition information about your favorite fast foods.

Key to symbols



= More than 3 grams of dietary fiber per serving.





= Extra fat or prepared with added fat.








= 600 milligrams or more of sodium per serving (for fast food main dishes/meals).

Breakfast Sandwiches

Food	Serving Size	Count as
 Egg, cheese, meat, English muffin	1 sandwich	2 carbs + 2 medium-fat meats
 Sausage biscuit sandwich	1 sandwich	2 carbs + 2 high-fat meats + 3½ fats







## Fast Foods (continued)

### Main Dishes/Entrees



Food	Serving Size	Count as
  Burrito (beef and beans)	1 (about 8 oz)	3 carbs + 3 medium-fat meats + 3 fats
 Chicken breast, breaded and fried	1 (about 5 oz)	1 carb + 4 medium-fat meats
Chicken drumstick, breaded and fried	1 (about 2 oz)	2 medium-fat meats
Chicken nuggets	6 (about 3½ oz)	1 carb + 2 medium-fat meats + 1 fat
 Chicken thigh, breaded and fried	1 (about 4 oz)	½ carb + 3 medium-fat meats + 1½ fats
 Chicken wings, hot	6 (5 oz)	5 medium-fat meats + 1½ fats



### Oriental







Food	Serving Size	Count as
 Beef/chicken/shrimp with vegetables in sauce	1 cup (about 5 oz)	1 carb + 1 lean meat + 1 fat
 Egg roll, meat	1 (about 3 oz)	1 carb + 1 lean meat + 1 fat
 Fried rice, meatless	½ cup	1½ carbs + 1½ fats
 Meat and sweet sauce (orange chicken)	1 cup	3 carbs + 3 medium-fat meats + 2 fats
  Noodles and vegetables in sauce (chow mein, lo mein)	1 cup	2 carbs + 1 fat

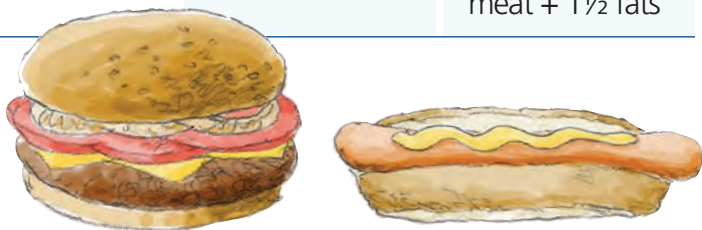
### Pizza

Food	Serving Size	Count as
Pizza		
 Cheese, pepperoni, regular crust	⅛ of a 14-inch (about 4 oz)	2½ carbs + 1 medium-fat meat + 1½ fats
 Cheese/vegetarian, thin crust	¼ of a 12-inch (about 6 oz)	2½ carbs + 2 medium-fat meats + 1½ fats


## Fast Foods (continued)

### Sandwiches




Food	Serving Size	Count as
 Chicken sandwich, grilled	1	3 carbs + 4 lean meats
 Chicken sandwich, crispy	1	3½ carbs + 3 medium-fat meats + 1 fat
Fish sandwich with tartar sauce	1	2½ carbs + 2 medium-fat meats + 2 fats
Hamburger		
 Large with cheese	1	2 carbs + 4 medium-fat meats + 1 fat
Regular	1	2½ carbs + 1 medium-fat meat + 1 fat
 Hot dog with bun	1	1 carb + 1 high-fat meat + 1 fat
Submarine sandwich		
 Less than 6 grams fat	6-inch sub	3 carbs + 2 lean meats
 Regular	6-inch sub	3½ carbs + 2 medium-fat meats + 1 fat
Taco, hard or soft shell (meat and cheese)	1 small	1 carb + 1 medium-fat meat + 1½ fats



### Salads

Food	Serving Size	Count as
 😊 Salad, main dish (grilled chicken type, no dressing or croutons)	Salad	1 carb + 4 lean meats
Salad, side, no dressing or cheese	Small (about 5 oz)	1 vegetable

### Sides/Appetizers

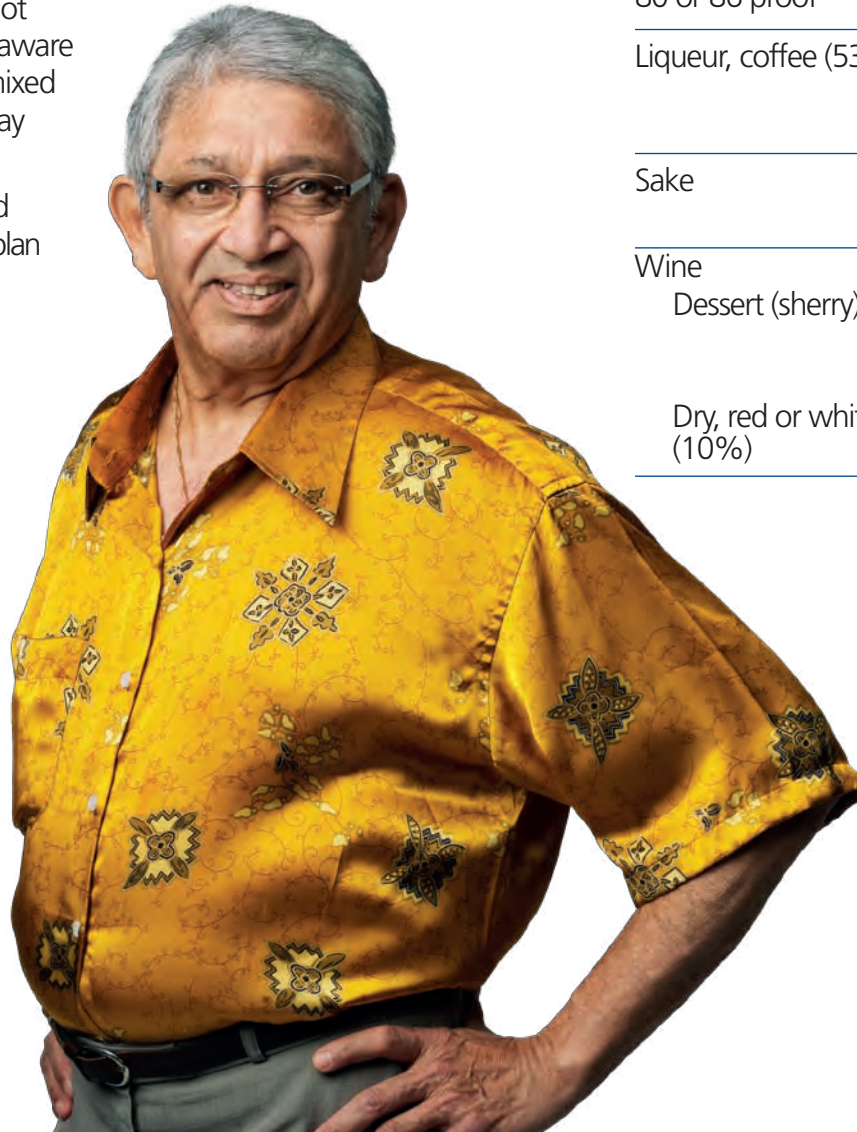
Food	Serving Size	Count as
 French fries, restaurant style	Small Medium Large	3 carbs + 3 fats 4 carbs + 4 fats 5 carbs + 6 fats
 Nachos with cheese	Small (about 4½ oz)	2½ carbs + 4 fats
 Onion rings	1 serving (about 3 oz)	2½ carbs + 3 fats

### Desserts

Food	Serving Size	Count as
Milkshake, any flavor	12 oz	6 carbs + 2 fats
Soft-serve ice cream cone	1 small	2½ carbs + 1 fat

## Alcohol

- In general, 1 alcohol choice (½ oz absolute alcohol) has about 100 calories
- If you choose to drink alcohol, you should limit it to 1 drink or less per day for women, and 2 drinks or less per day for men
- To reduce your risk of low blood sugar, especially if you take insulin or a diabetes pill that increases insulin, always drink alcohol with food
- While alcohol, by itself, does not directly affect blood sugar, be aware of the carbs (for example, in mixed drinks, beer, and wine) that may raise your blood sugar
- Check with your RD if you would like to fit alcohol into your meal plan



Alcoholic Beverage	Serving Size	Count as
Beer		
Light (4.2%)	12 fl oz	1 alcohol equivalent + ½ carb
Regular (4.9%)	12 fl oz	1 alcohol equivalent + 1 carb
Distilled spirits: vodka, rum, gin, whiskey 80 or 86 proof	1½ fl oz	1 alcohol equivalent
Liqueur, coffee (53 proof)	1 fl oz	½ alcohol equivalent + 1 carb
Sake	1 fl oz	½ alcohol equivalent
Wine		
Dessert (sherry)	3½ fl oz	1 alcohol equivalent + 1 carb
Dry, red or white (10%)	5 fl oz	1 alcohol equivalent

# Commitment to my health

## My agreement

Use this chart to help you decide on your wellness goals and plan how to get to the goals you choose. I, \_\_\_\_\_, agree to achieving the goals below to help improve my overall health and wellness:

	Example	Goal 1	Goal 2	Goal 3
What I will do:	<i>I will keep a food diary for 3 days and discuss it with my dietitian.</i>			
When I will start:	<i>I will start this coming Monday.</i>			
How I will start:	<i>I will get a pocket-sized notebook that I can carry with me.</i>			
How I will continue:	<i>I will write down everything I eat or drink and show my lists to my dietitian.</i>			
My barriers:	<i>I sometimes forget what I've eaten within a few hours after I eat it.</i>			
How I will overcome barriers:	<i>I will write down everything I eat or drink right after each meal and snack so that it will be fresh in my mind.</i>			

Your signature \_\_\_\_\_ Date \_\_\_\_\_

Friend's signature \_\_\_\_\_ Date \_\_\_\_\_



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Street Address \_\_\_\_\_

Address 2 \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_

1. E-mail address \_\_\_\_\_

2. Birth date (mm/dd/yyyy) \_\_\_\_\_ 3. Gender:  Male  Female

4. I have:  Type 1 diabetes  Type 2 diabetes

5. What year were you diagnosed with diabetes? \_\_\_\_\_

6. What is your current therapy type? (check all that apply)  
 Insulin  None  
 Diabetes pills  Other  
 Other injectable medicine (please list product name) \_\_\_\_\_

7. Please write down the product names for the diabetes medicines you are currently taking:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

7a. If you're currently taking diabetes pills, how many types are you taking each day?  
 1 type of diabetes pill  3 or more types of diabetes pills  
 2 types of diabetes pills

8. If you checked insulin in question 6 above, what type of insulin do you take?  
 Rapid-acting  Long-acting  Premixed

8a. How long have you been taking insulin?  
 2 months or less  7 months to 1 year  
 3 to 6 months  More than 1 year

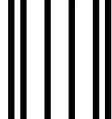
8b. How many insulin injections do you take each day?  
 1  2  3  4 or more  None

8c. How do you take insulin? (check all that apply)  
 Pen (please list device name/type): \_\_\_\_\_  
 Syringe  Insulin pump  Other delivery system

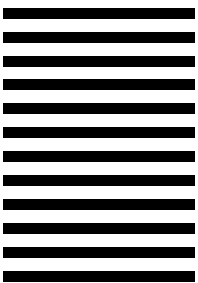
9. What was the result of your last A1C test?  
 Less than 7  8.0-8.9  10 or greater  
 7.0-7.9  9.0-9.9  Do not know

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- diabetes and you
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- caring for your diabetes
- diabetes medicines
- carb counting and meal planning



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