



Food Labels 101 For Teens

You know how books have a table of contents that explains what's inside? Or maybe you have a toy that came with a diagram that identified each small piece. Nutrition labels are sort of like that. They tell you what's inside the food you're eating and list its parts.

Get Your Nutrition Facts Straight

The Nutrition Facts food label gives you information about which **nutrients** (say: **nu-tree-ents**) are in the food. Your body needs the right combination of nutrients, such as vitamins, to work properly and grow. The Nutrition Facts food label is printed somewhere on the outside of packaged food, and you usually don't have to look hard to find it. Fresh food that doesn't come prepackaged sometimes has nutrition facts, too.

Most nutrients are measured in **grams**, also written as **g**. Some nutrients are measured in **milligrams**, or **mg**. Milligrams are very tiny — there are 1,000 milligrams in 1 gram.

Other information on the label is given in **percentages**. Food contains fat, protein, carbohydrates, and fiber. Food also contains vitamins, such as A and C, and minerals, such as calcium and iron. Nutrition specialists know how much of each one kids and adults should get every day to have a healthy diet.

On food labels, they base the percentages on a 2,000-calorie adult diet. So looking at the label above for two crackers, a grownup would see that they provide less than 1 gram of fiber, only 3% of the person's daily needs. So that means he or she would have to eat other foods to get 100% of the fiber needed each day. Similarly, the person would see that the crackers provide nothing toward the daily goals for vitamin A, vitamin C, calcium, or iron.

Comparing Labels

Food labels aren't ideal for kids because they're calculated based on what adults need to eat. A kid's diet might be more or less than 2,000 calories, based on your age, whether you are a boy or girl, and how active your are. Likewise, kids may need more or less of certain food components and nutrients, such as calcium and iron.

But kids can still get important information from food labels. They can get a general idea about what the food contains, how much is in a serving, and how many calories are in a serving. Kids also can use labels to compare two foods. Which one has more fiber? Which one has more fat? Which one has more calories per serving?

The ingredient list is another important part of the label. Ingredients are listed in order so you get an idea of how much of each ingredient is in the food. When something is listed first, second, or third, you know that this food probably contains a lot of it. The food will contain smaller amounts of the ingredients mentioned at the end of the list.

With that in mind, check to see where sugar appears. Limit foods that mention sugar in the first few ingredients. That means it's a very sugary food. Sugar has different names, so it might also be called high fructose corn syrup, corn syrup, sucrose, or glucose.

Serving Size

The nutrition label always lists a serving size, which is an amount of food, such as 1 cup of cereal, two cookies, or five pretzels. The nutrition label tells you how many nutrients are in that amount of food. Serving sizes also help people understand how much they're eating. If you ate 10 pretzels, that would be two servings.

Servings per Container or Package

The label also tells you how many servings are contained in that package of food. If there are 15 servings in a box of cookies and each serving is two cookies, you have enough for all 30 kids in your class to have one cookie each. Math comes in handy with food labels!

Nutrition Facts	
Serving Size 2 crackers (14 g)	
Servings Per Container About 21	
Amount Per Serving	
Calories 60	Calories from Fat 15
% Daily Value*	
Total Fat 1.5g	2%
Saturated Fat 0g	0%
Trans Fat 0g	
Cholesterol 0mg	0%
Sodium 70mg	3%
Total Carbohydrate 10g	3%
Dietary Fiber Less than 1g	3%
Sugars 0g	
Protein 2g	
Vitamin A 0%	Vitamin C 0%
Calcium 0%	Iron 2%
* Percent Daily Values are based on a 2,000 calorie diet. Your daily values may be higher or lower depending on your calorie needs:	
	Calories: 2,000 2,500
Total Fat	Less than 65g 80g
Sat Fat	Less than 20g 25g
Cholesterol	Less than 300mg 300mg
Sodium	Less than 2400mg 2400mg
Total Carbohydrate	300g 375g
Dietary Fiber	25g 30g

Calories and Calories From Fat

The number of calories in a single serving of the food is listed on the left of the label. This number tells you the amount of energy in the food. The calories in a food can come from fat, protein, or carbohydrate. People pay attention to calories because if you eat more calories than your body uses, you might gain weight.

Another important part of the label is the number of calories that come from fat. People check this because it's good to limit fat intake to about 30% of the calories they eat.

Total Fat

The total fat is the number of fat grams contained in one serving of the food. Fat is an important nutrient that your body uses for growth and development, but you don't want to eat too much. The different kinds of fat, such as saturated, unsaturated, and trans fat, will be listed separately on the label.

Cholesterol and Sodium

These numbers tell you how much cholesterol and sodium (salt) are in a single serving of the food. They are included on the label because some people should limit the amount of cholesterol and salt in their diets. Cholesterol and sodium are usually measured in milligrams.

Total Carbohydrate

This number tells you how many carbohydrate grams are in one serving of food. Carbohydrates are your body's primary source of energy. This total is broken down into grams of sugar and grams of dietary fiber.

Protein

This number tells you how much protein you get from a single serving of the food. Your body needs protein to build and repair essential parts of the body, such as muscles, blood, and organs. Protein is often measured in grams.

Vitamin A and Vitamin C

These list the amounts of vitamin A and vitamin C, two especially important vitamins, in a serving of the food. Each amount is given as a percent daily value. Other vitamins may be listed on some labels.

Calcium and Iron

These list the percentages of calcium and iron, two important minerals, that are in a serving of the food. Again, each amount is given as a percent daily value and other minerals may be listed on the label.

Calories per Gram

These numbers show how many calories are in one gram of fat, carbohydrate, and protein. This information is the same for every food and is printed on the food label for reference.

Now that you know a little more about food labels, you can read up on what you're eating!

Sample label for
Macaroni & Cheese

① **Start Here** →

② **Check Calories**

③ **Limit these Nutrients**

④ **Get Enough of these Nutrients**

⑤ **Footnote**

Nutrition Facts	
Serving Size 1 cup (228g) Servings Per Container 2	
Amount Per Serving	
Calories 250	Calories from Fat 110
% Daily Value*	
Total Fat 12g	18%
Saturated Fat 3g	15%
Trans Fat 3g	
Cholesterol 30mg	10%
Sodium 470mg	20%
Total Carbohydrate 31g	10%
Dietary Fiber 0g	0%
Sugars 5g	
Protein 5g	
Vitamin A	4%
Vitamin C	2%
Calcium	20%
Iron	4%

⑥ **Quick Guide to % DV**

• 5% or less is Low

• 20% or more is High

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

	Calories: 2,000	2,500
Total Fat	Less than 65g	80g
Sat Fat	Less than 20g	25g
Cholesterol	Less than 300mg	300mg
Sodium	Less than 2,400mg	2,400mg
Total Carbohydrate	300g	375g
Dietary Fiber	25g	30g