

Week 7
Portion Control

# Calories and Portion Control 2 Most Important Keys to Weight Loss

#### **Portions and Servings: What's the Difference?**

A **portion** is the amount of food that you choose to eat for a meal or snack. It can be big or small—you decide.

A **serving** is a measured amount of food or drink, such as one slice of bread or one cup (eight ounces) of milk.

Many foods that come as a **single portion** actually contain **multiple servings**. The **Nutrition Facts label** on packaged foods—on the backs of cans, sides of boxes, etc.— tells you the number of servings in the container.

For example, look at the label of a 20-ounce soda (usually consumed as one portion). It has 2.5 servings in it. A 3-ounce bag of chips, which some would consider a single portion, contains 3 servings.

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Understand Portions......It is the key to weight loss......

#### Be an able label reader

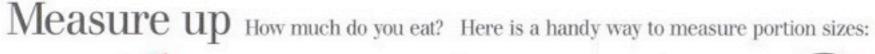
Check the size and number of servings ... if you drank this entire 20 oz. beverage, you would consume 250 calories!

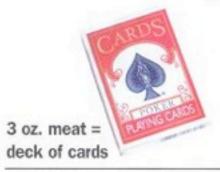


100 calories x 2.5 servings = 250 calories



#### What are Portion Sizes







1 teaspoon oil = quarter in diameter



vegetables = light bulb



1 medium fresh fruit = tennis ball



1 bagel or roll = 6-oz. can tuna

#### Everyday excess

#### What you're served:

Jumbo popcom (30 cups), unbuttered\* 1,650 calories, 93 grams fat

#### What's one serving:

3 cups popcorn, unbuttered\* 165 calories, 9 grams fat

\* 6 tablespoons butter adds 610 calories and 69 grams fat

#### What you're served:

Large 4 oz. bagel, plain\* 320 calories, 3 grams fat

#### What's one serving:

1.5 oz. bagel, plain\* 120 calories, 1 gram fat

\* 2 tablespoons cream cheese adds 100 calories and 10 grams fat

#### What you're served:

5 oz. chocolate chip cookie 700 calories, 20 grams fat

#### What's one serving:

1 oz. chocolate chip cookie 140 calories, 4 grams fat





#### What you're served: 40 tortilla chips 400 calories, 20 grams fat

#### What's one serving:

10 tortilla chips 100 calories, 5 grams fat

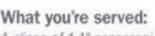
#### What you're served:

24 oz. soda 310 calories, 0 grams fat

#### What's one serving:

12 oz. soda 155 calories, 0 grams fat





4 slices of 14" pepperoni pizza (cut in 12 slices) 920 calories, 36 grams fat

#### What's one serving:

2 slices of 14" pepperoni pizza (cut in 12 slices) 460 calories, 18 grams fat



#### Bigger isn't better

A good deal isn't necessarily the most food for your money. These phrases indicate a surplus of excess on the menu.

Combo Ultimate Deluxe Tub

Kingsize Jumbo Value meal Colossal

Supersize All-you-can-eat

Supreme Biggie

## By the numbers

Daily intake recommendations by the U.S. Department of Agriculture:

#### Many women and older adults:

1,600 calories 53 grams fat

#### Children, teen girls, active women and most men:

2,200 calories 73 grams fat

#### Teen boys and active men:

2,800 calories 93 grams fat

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This is a good representation of portion sizes.

#### **Portion Distortion!**

### Do You Know How Food Portions Have Changed in 20 Years?

Anyone eating on the run or at restaurants has probably noticed that food portions have gotten larger. Some portions are called "super size," while others have simply grown in size and provide enough food for at least two people. With this growth have come increases in waistlines and body weight.

To see if you know how today's portions compare to the portions available 20 years ago, quiz yourself on Portion Distortion I (2003) and Portion Distortion II (2004). You will also learn about the amount of physical activity required to burn off the extra calories provided by today's portions.

We hope you find Portion Distortion insightful and fun. We also hope that next time you eat on the run, you will think twice about the food portions offered to you.

go to link for quiz-distortion <a href="http://hp2010.nhlbihin.net/portion/">http://hp2010.nhlbihin.net/portion/</a>

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# PORTION CONTROL 3 meals a day with these portions



 Light bulb=one serving of fruits and vegetables



Deck of cards=one serving of protein

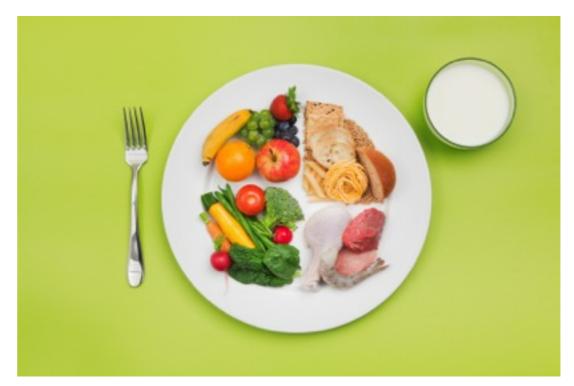


cereal, potato, pasta

# Understand the plates & portions







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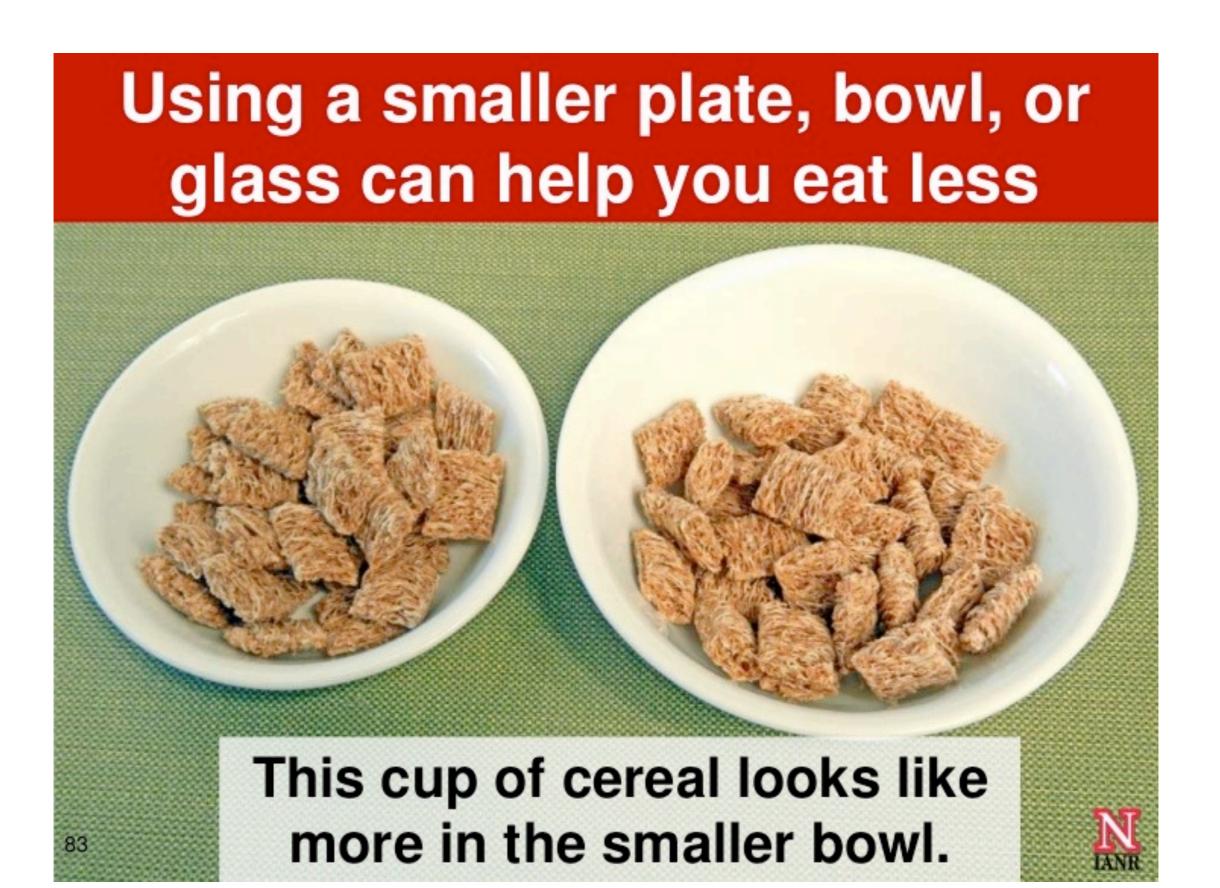
Take the aforementioned portions and put them on the plate......

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"We're finding that portion size can influence intake as much as taste.
Large packages and containers can lead to overeating foods we do not even find appealing."

~ Brian Wansink, PhD, John Dyson Endowed Chair in the Applied Economics and Management Department at Cornell University, and author of "Mindless Eating"





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Basic stuff.

When possible, know how much you're eating by dishing up a portion of food vs. eating directly from the container



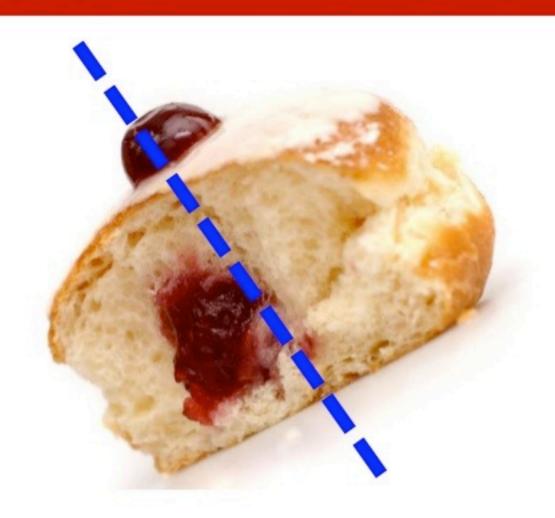


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# Start with a smaller portion — have more if you're still hungry



# Cut portions by sharing restaurant meals — especially desserts — with others



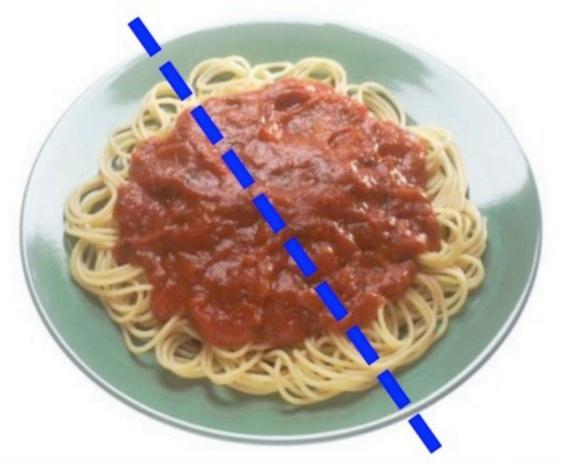


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If you have to treat yourself this is a good way to go......

# Ask for a "to-go" box and take part of your restaurant meal home (refrigerate within 2 hours)





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Photo courtesy of National Cancer Institute, Renee Comet, photographer

## Volumetrics

Research has found that people eat the same weight of food daily.



Lose weight by decreasing the caloric density of food and eating the same amount of weight.

Decrease caloric density by increasing water and fiber content of meals by adding vegetables.

People that have kept off 10% of their body weight ate more than 5 servings of vegetables a day.

Add a 1/4 cup per serving of whole or blended vegetables to your favorite meals (squash, onion, cauliflower, or parsnips).

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Understand food density and volume (volumetrics)......

## Volumetrics



Apples 385 grams = 200 calories



Fried Bacon 34 grams = 200 calories



Kiwi Fruit 328 grams = 200 calories



Butter 28 grams = 200 calories

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Vegetables very low caloric density; it is a key to weight loss.

### Beverages don't satisfy your hunger urge.

- •Hunger and thirst are not the same.
- •Thirst-dry, unpleasant sense in mouth.
- •Hunger-stomach rumbling, headachey, or lethargic.



You could drink a few hundred calories of juice or soda and still want the same weight of food.

\*That is why liquid calories are so problematic towards weight loss. They don't add to the amount of weight from food that you need to be satisfied.

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Think of beverages as having a high caloric density.

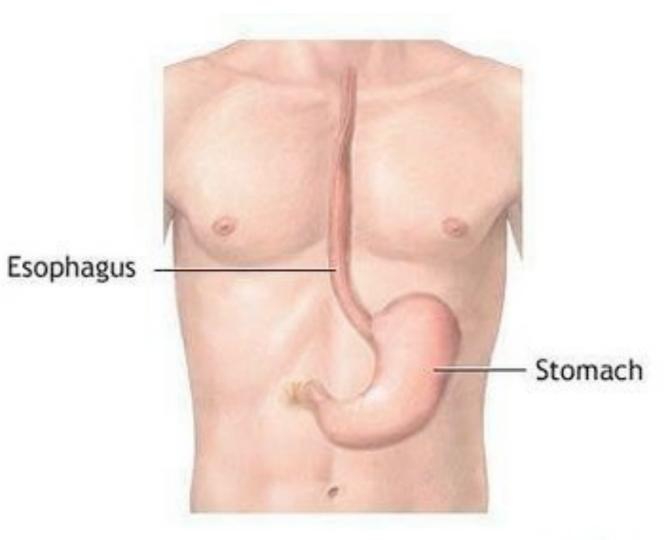
That do not SATISFY your need for a certain amount of weight from food.....

# Our Stomachs have be conditioned to be large; we need to condition it to be smaller.

- •The stomach is not a large organ but it has the ability to **stretch and contract** depending on the amounts of food it processes at any given meal.
- If you consistently consume food in large portions, your stomach will gradually stretch and it will take more food to make you feel full.

#### To reduce

Eat smaller portions of food; to keep your metabolism up, you have to eat several meals



ADA

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#### Be a Grazer Not a Gorger

Studies have shown that people who eat small, frequent meals throughout the day tend to consume fewer calories and fat grams at the end of the day.

You burn more calories metabolizing food when you spread it throughout the day.

Grazing also prevents tiredness brought on by drops in blood glucose, and it's easier on your stomach.