# Prevent Portion Distortion 



$$
\begin{aligned}
& \text { Tips for } \\
& \text { weight } \\
& \text { management }
\end{aligned}
$$



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## IMPORTANT If you plan to use these slides to present to others:

You are welcome to remove any slides you feel aren't needed by your audience.

MyPlate food amounts are based on a 2,000 calories for ages 19 and over, the calorie level used on a Nutrition Facts panel. The calorie levels for your audience may be higher or lower, based on their calorie needs - adjust or explain accordingly.

## "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"


## As portion sizes have gotten larger over the years, so have we!



Larger portions add up!

## Beware of the cost of extra calories



Maintaining a healthy weight is a balancing act

## Calories in

## Today's Menu

## 1. Portion Distortion

 2. MyPlate Guidelines3. Portion Size Guidelines

## Today's Menu

## 1. Portion Distortion

## Portion distortion over the years

## Food portion sizes have changed in 20 years.

## Portion distortion

## The following illustrations are

 representative of comparative sizes.Calories expended by various physical activities are approximations and will vary with age, gender, height/weight, and intensity of the activity.

Two different weights are used as examples in the following slides.

## Guess the calorie difference!

## 20 Years Ago

## Today



## 3-inch diameter

## 6-inch diameter

Blueberry bagel photo courtesy of pengrim™ at http://flic.kr/p/41qvEZ under a Creative Commons Attribution-NonCommerical license: http://creativecommons.org/licenses/by-nc/3.0/

## Guess the calorie difference!

## 140 calories

## 350 calories



# How long would you have to rake leaves to burn 210 more calories? 



# How long would you have to rake leaves to burn 210 more calories? 



## Guess the calorie difference!

## 20 Years Ago

## Today

1 cups spaghettī with sauce \&
3 small meatballs


2 cups spaghetti with sauce \&
3 large meatballs

## Guess the calorie difference!

## 500 calories

## 1,025 calories



## How long would you have to clean house to burn 525 more calories?



## How long would you have to clean house to burn 525 more calories?




## "My idea of housework is to sweep the room with a glance."

~Erma Bombeck, American Humorist

## Guess the calorie difference!

## 20 Years Ago


2.4 ounces

## Today


6.9 ounces

## Guess the calorie difference!

## 210 calories

## 610 calories



# How long would you have to walk leisurely to burn 400 more calories? 



# How long would you have to walk leisurely to burn 400 more calories? 



## Guess the calorie difference!

## 20 Years Ago

## Today


6.5-oz. soda

20-oz. soda

## Guess the calorie difference!

## 85 calories

## 250 calories



## How long would you have to garden to burn 165 more calories?



## How long would you have to garden to burn 165 more calories?



## Guess the calorie difference!

## 20 Years Ago <br> Today



## Guess the calorie difference!

## 333 calories

590 calories


## How long would you have to lift weights to burn 257 more calories?



## How long would you have to lift weights to burn 257 more calories?



## Guess the calorie difference!

## 20 Years Ago

## Today



Coffee, 8 oz. (with whole milk \& sugar)


Mocha coffee, 16 oz. (with steamed whole milk \& mocha syrup)

Large coffee image courtesy of renee_mcgurk (Renee McGurk) at http://flic.kr/p/9agbB4 under a Creative Commons Attribution license: http://creativecommons.org/licenses/by/3.0/

## Guess the calorie difference!

## 45 calories <br> 350 calories



# How long would you have to walk to burn 305 more calories? 



# How long would you have to walk to burn 305 more calories? 



## Guess the calorie difference!

## 20 Years Ago

## Today


1.5 ounces


4 ounces

## Guess the calorie difference!

## 210 calories <br> 500 calories



# How long would you have to vacuum to burn 290 more calories? 



## How long would you have to vacuum to burn 290 more calories?



## Guess the calorie difference!

## 20 Years Ago

## Today



5 cups
11 cups $\overline{\text { IANR }}$

## Guess the calorie difference!

## 270 calories <br> 630 calories



How long would you have to do water aerobics to burn 360 more calories?

$\overline{\text { IANR }}$

How long would you have to do water aerobics to burn 360 more calories?
 $\overline{\text { IANR }}$

## Guess the calorie difference!

## 20 Years Ago

## Today



## ${ }^{4} \dot{p}$

## Guess the calorie difference!

## 500 calories

## 850 calories



## How long would you have to golf (walking \& carrying clubs) to burn 350 more calories?



## How long would you have to golf (walking \& carrying clubs) to burn 350 more calories?




## "You better cut

 the pizza in four pieces, because l'm not hungry enough to eat six."~Yogi Berra, former
American Major League baseball player

## Guess the calorie difference!

## 20 Years Ago

## Today


1.5 inch diameter

## 3.5 inch diameter

## Guess the calorie difference!

## 55 calories

## 275 calories



## How long would you have to wash the car to burn 220 more calories?



## How long would you have to wash the car to burn 220 more calories?



# "A balanced diet is a cookie in each hand" <br> $\sim$ Author unknown 

## Unfortunately ... NOT!

## Today's Menu

## 2. MyPlate Guidelines

## MyPlate gives guidelines for foods and amounts



# A sample MyPlate food pattern ... 

## The following foods and

 amounts are for a 2,000 calorie daily food pattern for ages 19 and over and do not apply to everyone.

For a personalized plan for YOUR calorie level, based on age, gender, height/weight, and activity level - and for ages 2 through 18 - visit www.choosemyplate.gov/myplate/index.aspx

## More specific plans for women who are pregnant or breastfeeding are at:

## www.choosemyplate.gov/pregnancy-breastfeeding.html



Additional information on losing weight at: www.choosemyplate.gov/weight-management-calories.html

## Grains

## Eat 6 "ounceequivalents."*



* Based on a 2,000 calorie daily food pattern for ages 19 and over; amounts may vary depending on your calorie needs


## Grains

## Ounce-equivalents:

- 1 slice bread
- 1 cup ready-to-eat cereal (such as flakes)

- $1 / 2$ cup cooked pasta, cooked rice, or cooked cereal




## At least half your grains should be whole grains.

 IANR
## Bran

## Whole grains contain the entire grain seed or "kernel."



Germ

# Refined grains contain only the endosperm. 

## Fruits

## Eat 2 cups of fresh, canned, or frozen fruits.*



* Based on a 2,000 calorie daily food pattern for ages 19 and over; amounts may vary depending on your calorie needs


## Fruits

## 1 cup fruit equals: <br> - 1 cup fruit

- 1 cup $100 \%$ fruit juice
- $1 / 2$ cup dried fruit



## Fruits

Make most of your choices whole or cut-up fruit rather than juice, for the benefits dietary fiber provides.



## Vegetables

## Eat $\mathbf{2}^{1} / 2$ cups of fresh, frozen, canned vegetables, or an equivalent amount of dried/dehydrated vegetables.*



* Based on a 2,000 calorie daily food pattern for ages 19 and over; amounts may vary depending on your calorie needs


## Vegetables

2 cups of raw leafy greens equal 1 cup of vegetables.

## Dairy

## Consume 3 cups of fat-free or low-fat milk (1\%) or equivalent Dairy Group foods.*



* Based on a 2,000 calorie daily food pattern for ages 19 and over; amounts may vary depending on your calorie needs


## Dairy

## 1-cup dairy equivalents:

- 8 oz. milk (1 cup)
- 1 cup yogurt
- 1½ oz. natural cheese
- 2 oz. processed cheese
- 8 oz. calcium-fortified soy beverages


## Protein

## Eat 51⁄2 0 . (or equivalent) of LEAN meat, poultry, or fish.*



* Based on a 2,000 calorie daily food pattern for ages 19 and over; amounts may vary depending on your calorie needs


## Protein

## 1-ounce meat equivalents:

- 1 oz. meat, poultry, or fish
- $1 / 4$ cup cooked beans or peas (does not include green beans and peas)
- 1 egg
- 1 tablespoon peanut or almond butter
- $1 / 2$ oz. of nuts or seeds
- $1 / 4$ cup (about 2 oz .) of tofu
- $1 / 4$ cup roasted soybeans


## Today's Menu

## 3. Portion Size Guidelines

## Keep an "eye" on your food portion sizes



## Portion sizes: Cheese



1 ounce of cheese $=\mathbf{4}$ stacked dice

## Portion sizes: Meat or Poultry



3 oz . cooked = a deck of cards

## Portion sizes: Fish



3 oz. cooked = a check book

## Portion sizes: $1 / 2$ and 1 cup

## 1 cup = 1 baseball

$1 / 2$ cup $=1 / 2$ baseball
$\overline{\text { IANR }}$

## Portion sizes:

## 1 teaspoon \& 1 tablespoon

- 1 teaspoon = the tip of a thumb to the first joint

1 tablespoon = 3 thumb tips

# Using a smaller plate, bowl, or glass can help you eat less 



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

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



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



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



## 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!

# Nutrition Facts 

Serving Size 8 fl . oz. Servings Per Container 2.5

Amount Per Serving
Calories 100

100 calories $\mathbf{x} 2.5$ servings $\mathbf{=} \mathbf{2 5 0}$ calories

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100 calories $\mathbf{x} 2.5$ servings $\mathbf{=} \mathbf{2 5 0}$ calories

## A final thought ...

## "Never eat more than you can lift."

~Miss Piggy, the Muppet

## "Thank you" to the following people

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