



Prevent Portion Distortion



Tips for weight management







Know how. Know now.

Alice Henneman, MS, RD

ahenneman1@unl.edu

UNL Extension in Lancaster County

Amy Peterson, MS, RD

<u>apeterson3@unl.edu</u>

UNL Extension in Polk County



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http://food.unl.edu/web/fnh/educational-resources



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.

Alice & Amy



"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"

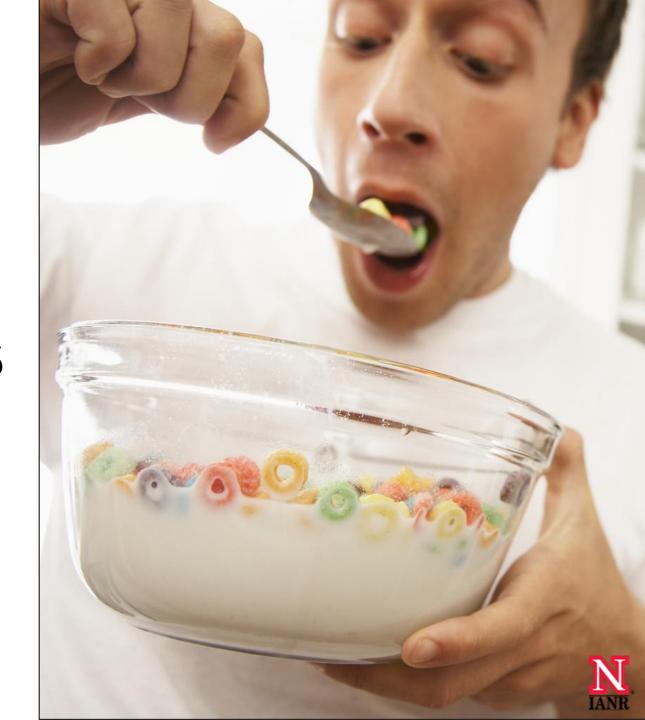


As portion sizes have gotten larger over the years, so have we!





Larger portions add up!

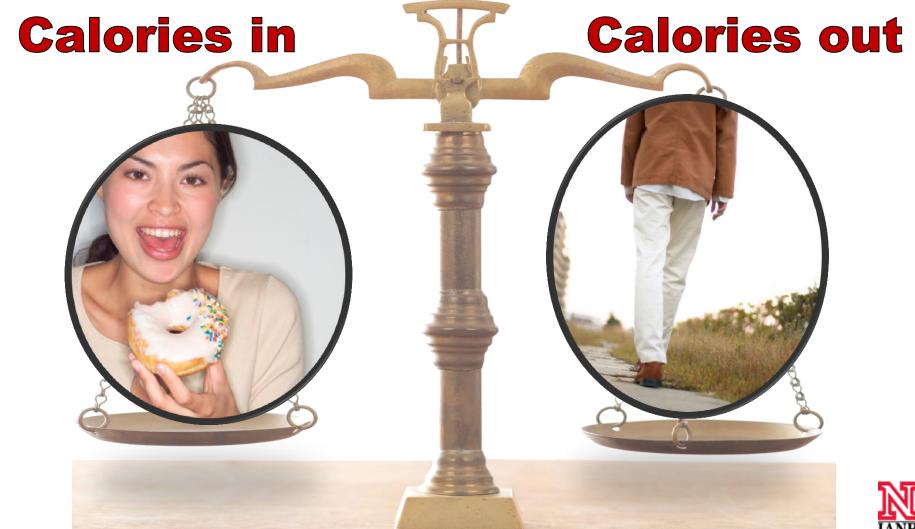


Beware of the cost of extra calories





Maintaining a healthy weight is a balancing act





Today's Menu

- 1. Portion Distortion
- 2. MyPlate Guidelines
- 3. Portion Size Guidelines



Today's Menu





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.



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/





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?



20 Years Ago



1 cups spaghetti with sauce &

• 3 small meatballs

Today



2 cups spaghettiwith sauce &3 large meatballs



500 calories 1,025 calories **525 more 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



20 Years Ago

Today



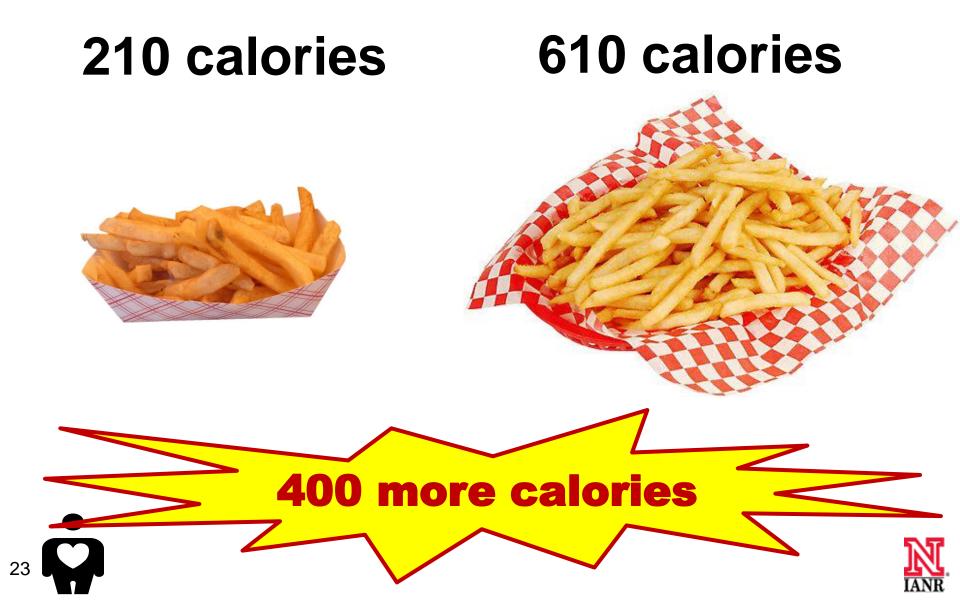
2.4 ounces



6.9 ounces



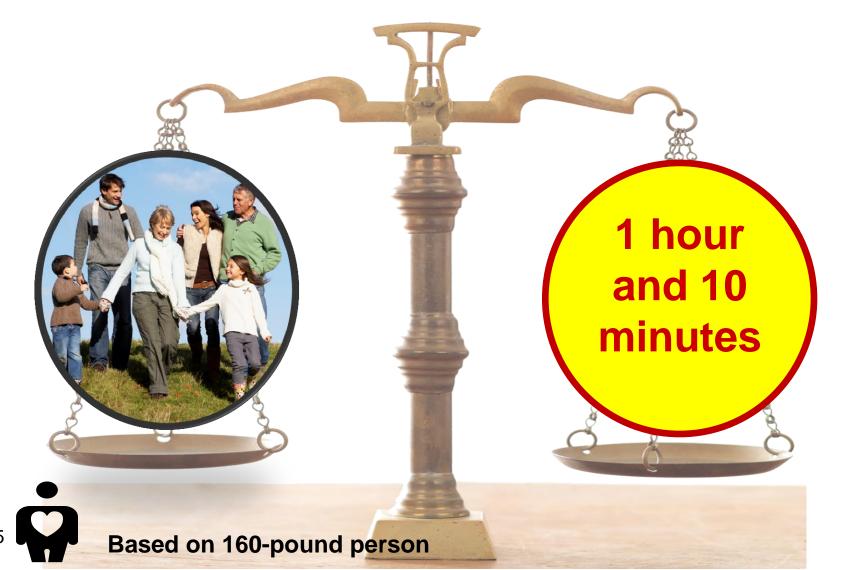




How long would you have to walk leisurely to burn 400 more calories?



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





20 Years Ago



6.5-oz. soda

Today



20-oz. soda







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





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





20 Years Ago

Today









333 calories 590 calories 257 more 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?





20 Years Ago



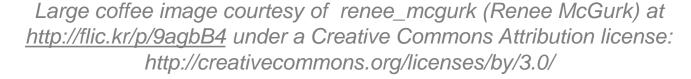
Coffee, 8 oz. (with whole milk & sugar)

Today



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









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



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





20 Years Ago

Today



1.5 ounces



4 ounces







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



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





20 Years Ago

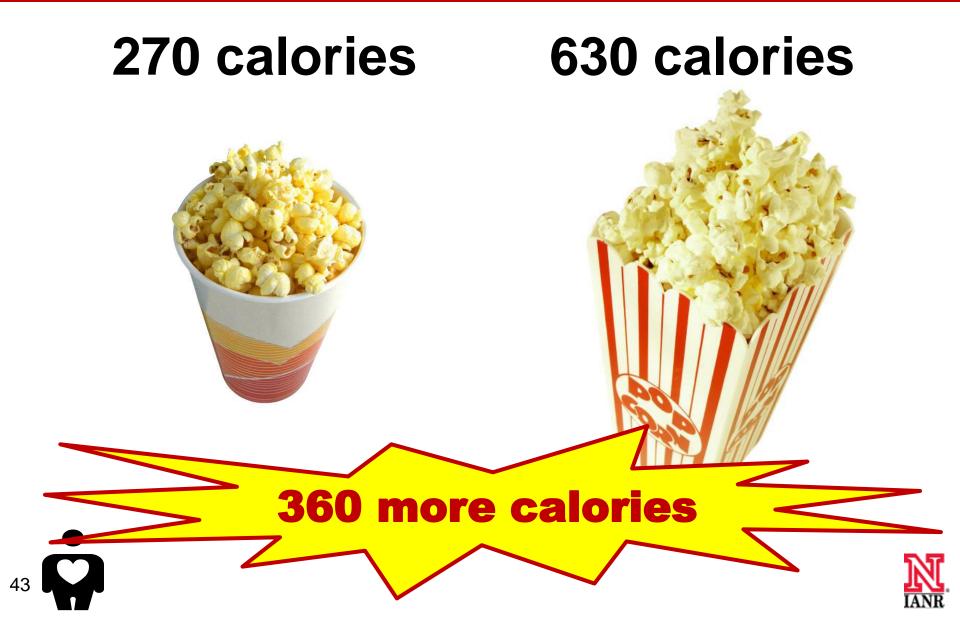


5 cups

Today







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





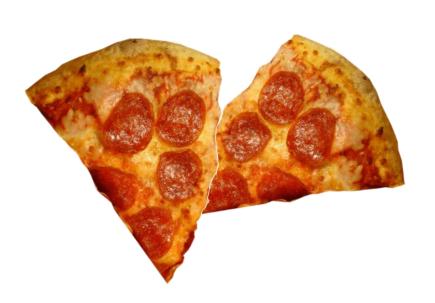
How long would you have to do water aerobics to burn 360 more calories?





20 Years Ago

Today









500 calories 850 calories 350 extra calories

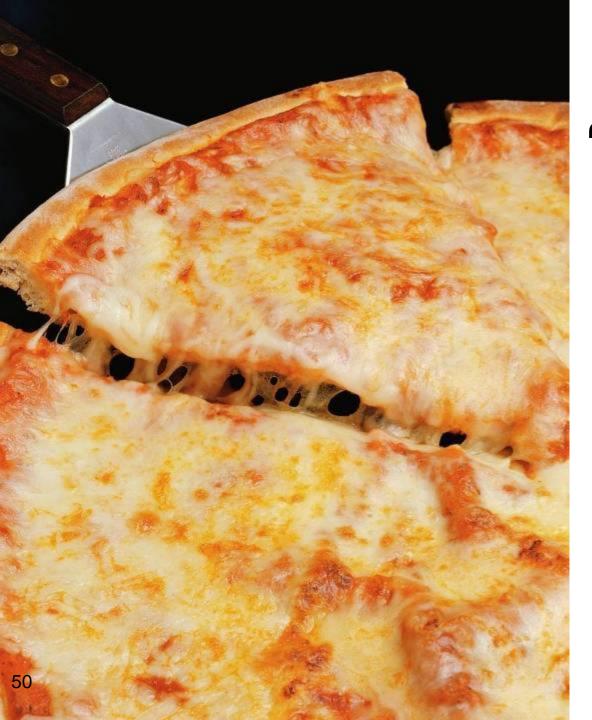
How long would you have to golf (walking & carrying clubs) to burn 350 more calories?



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







"You better cut the pizza in four pieces, because I'm not hungry enough to eat six."

> ~Yogi Berra, former American Major League baseball player



20 Years Ago



1.5 inch diameter

Today



3.5 inch diameter







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" ~Author unknown





Unfortunately ... NOT!

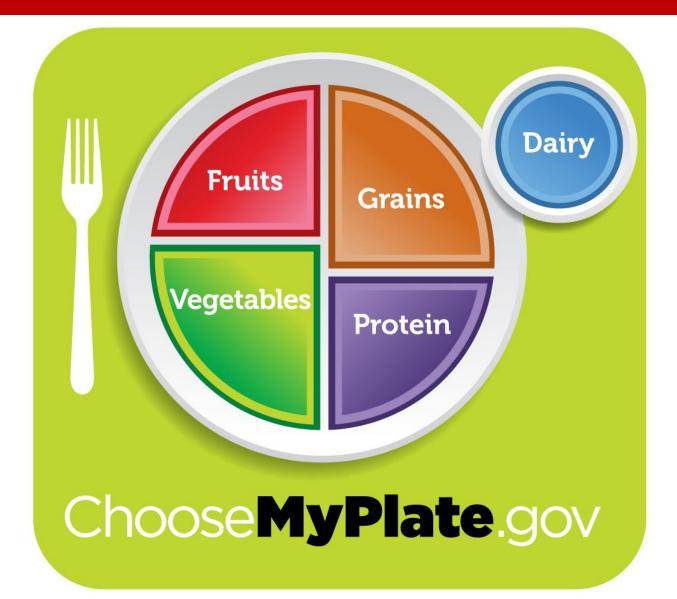


Today's Menu





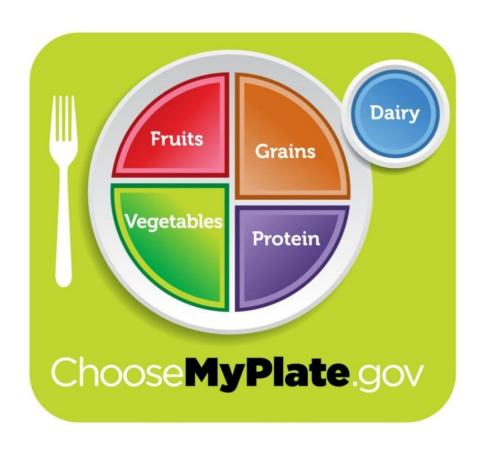
MyPlate gives guidelines for foods and amounts





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.





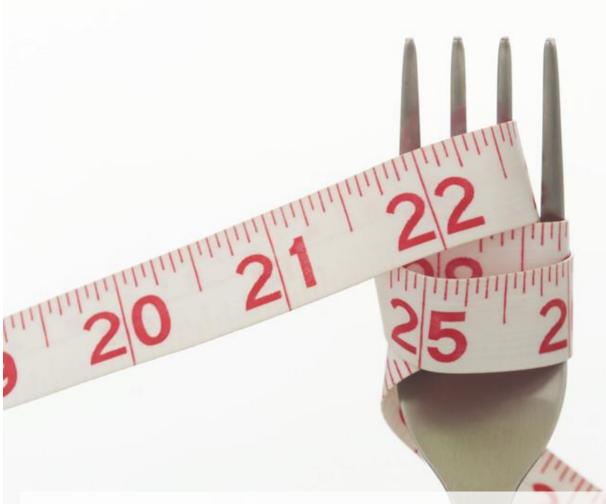


For a personalized plan for YOUR calorie level, based on age, gender, height/weight, and activity level — and for ages 2 through 18 — visit www.choosemyplate.gov/myplate/index.aspx

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

www.choosemyplate.gov/pregnancy-breastfeeding.html



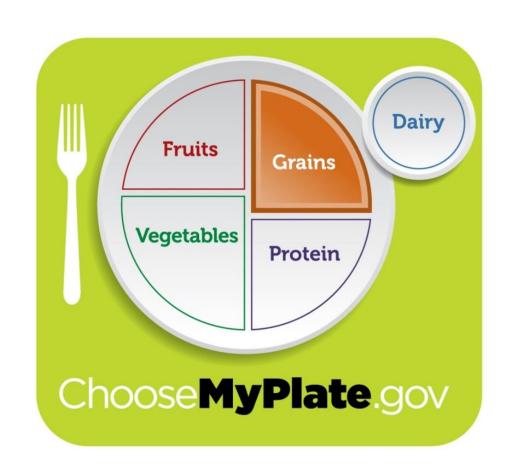


Additional information on losing weight at:

www.choosemyplate.gov/weight-management-calories.html

Grains

Eat 6 "ounce-equivalents."*





^{*} 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)
- ½ cup cooked pasta, cooked rice, or cooked cereal





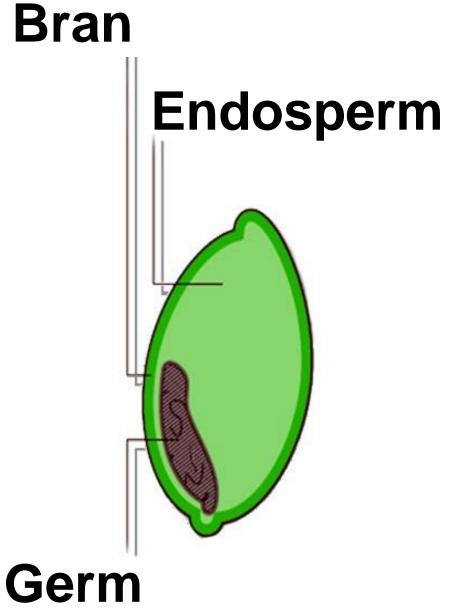




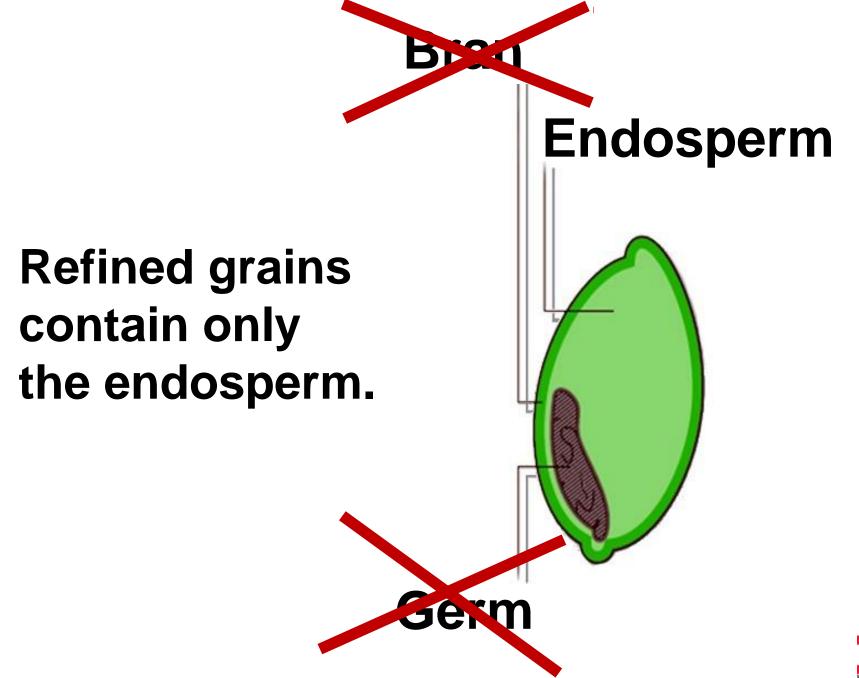
At least half your grains should be whole grains.



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



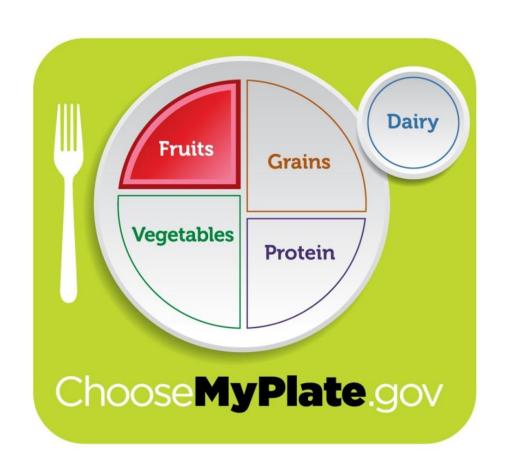






Fruits

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:

- 1 cup fruit
- 1 cup 100% fruit juice
- ½ cup dried fruit





Fruits

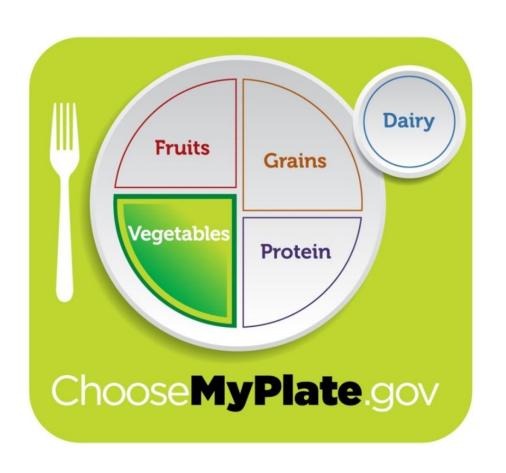
Make most of your choices whole or cut-up fruit rather than juice, for the benefits dietary fiber provides.

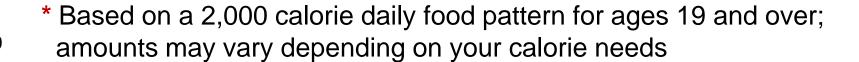




Vegetables

Eat 2½ cups of fresh, frozen, canned vegetables, or an equivalent amount of dried/dehydrated vegetables.*







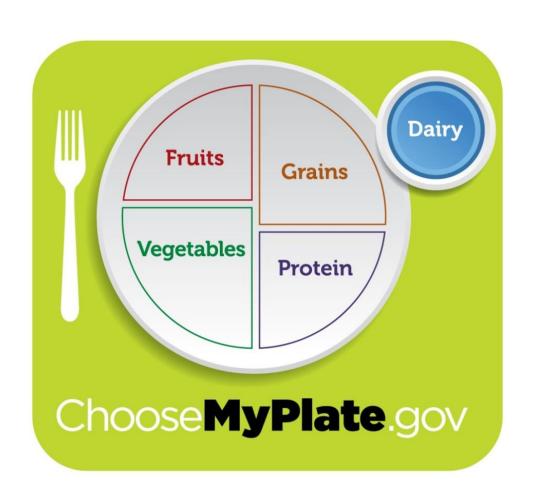
Vegetables

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

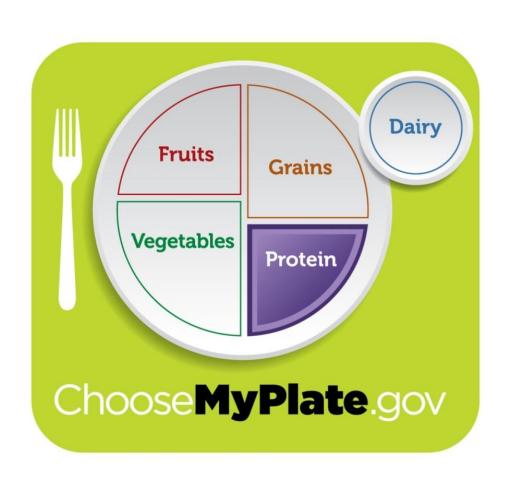






Protein

Eat 5½ oz. (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
- ¼ cup cooked beans or peas (does not include green beans and peas)
- 1 egg
- 1 tablespoon peanut or almond butter
- ½ oz. of nuts or seeds
- ¼ cup (about 2 oz.) of tofu
- ¼ cup roasted soybeans



Today's Menu





Keep an "eye" on your food portion sizes



Portion sizes: Cheese



1 ounce of cheese = 4 stacked dice



Portion sizes: Meat or Poultry



3 oz. cooked = a deck of cards



Portion sizes: Fish



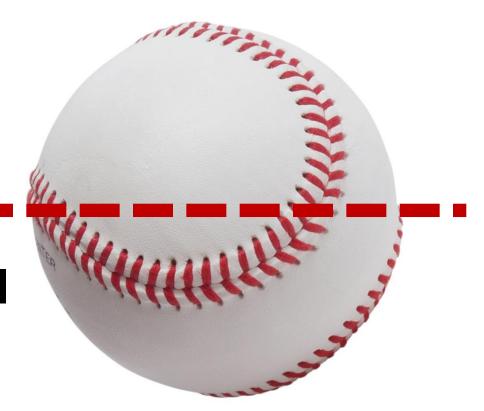
3 oz. cooked = a check book



Portion sizes: ½ and 1 cup

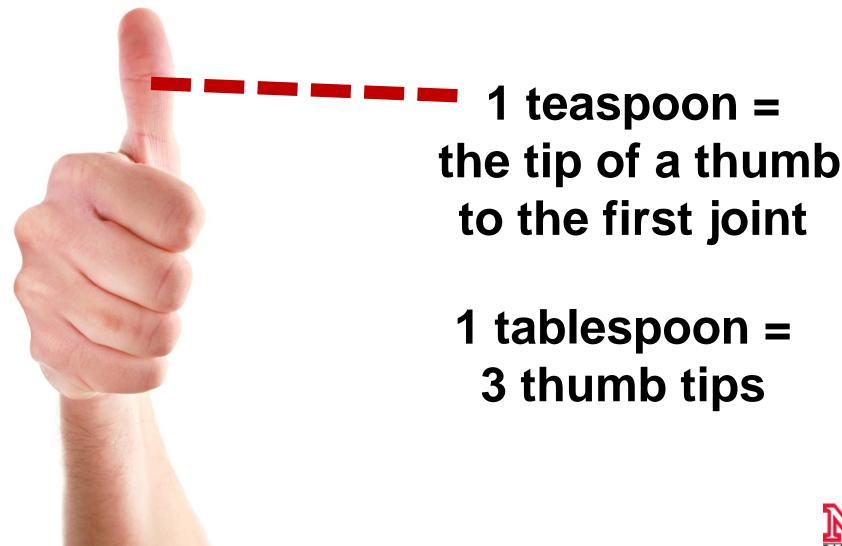
1 cup = 1 baseball

 $\frac{1}{2}$ cup = $\frac{1}{2}$ baseball





Portion sizes: 1 teaspoon & 1 tablespoon





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



This cup of cereal looks like more in the smaller bowl.



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

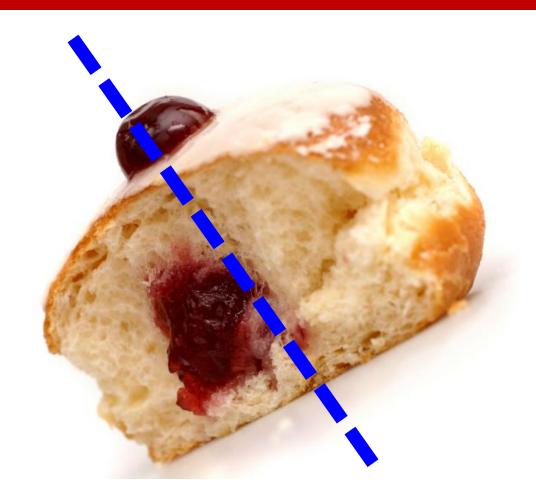




Start with a smaller portion — have more if you're still hungry

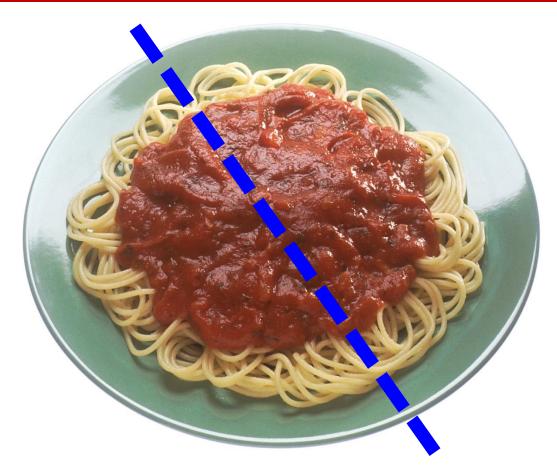


Cut portions by sharing restaurant meals — especially desserts — with others





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

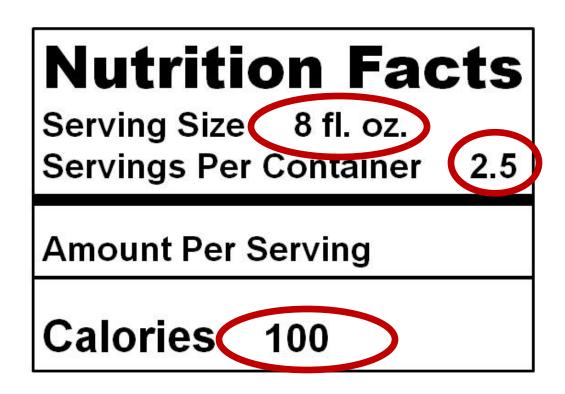
Calories 100

100 calories x 2.5 servings = 250 calories



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



A final thought ...

"Never eat more than you can lift."

~Miss Piggy, the Muppet



"Thank you" to the following people (in alphabetical order) for reviewing these slides!

- Lorinda Elson
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- Cheryle Jones Syracuse



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- Joyce Reich
- Natali Sehi
- Kathi Taylor
- Nancy Urbanec
- Linda Wetzel
- Cassandra Whitmore



References

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- Dietary Guidelines for Americans, 2010 at <u>www.cnpp.usda.gov/DGAS2010-PolicyDocument.htm</u>
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- Wansink, Brian and Koert van Ittersum (2006), "The Visual Illusions of Food: Why Plates, Bowls and Spoons Can Bias Consumption Volume," FASEB Journal, 20:4 (Mar 6) A618-A618, Part 1





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