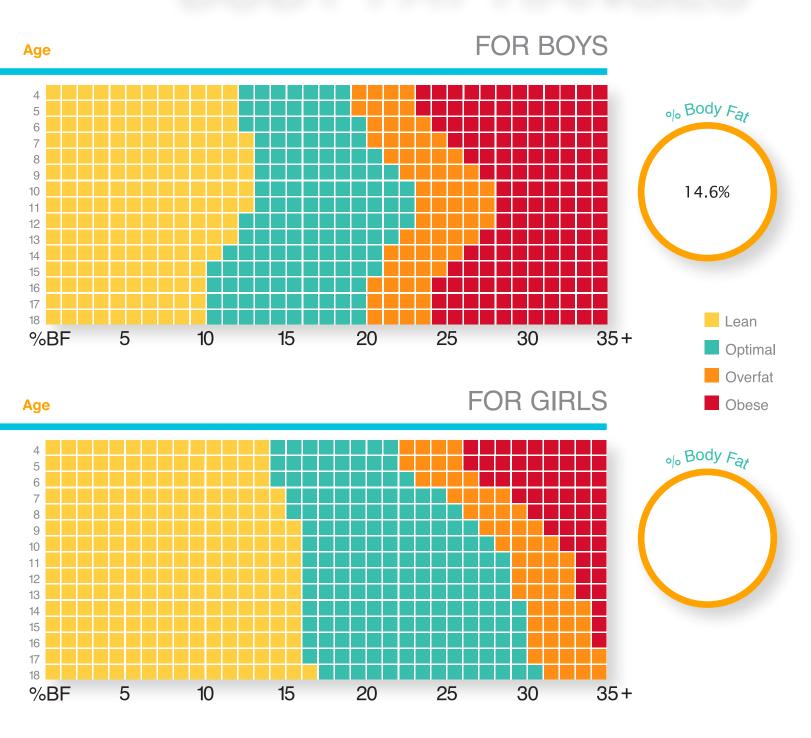


## BODY FAT RANGES



### Parents take charge

You can create a regular schedule for exercise on the family calendar. You can also set limits to your children's sedentary lifestyle using computers, cell phones, TV and video games.

A recent study found 8 to 18 year old girls and boys on average spend 7.8 hours everyday on this valuable but sedentary lifestyle. Help your kids choose moderation.

#### **Teach kids calorie values**

Actual calories burned vary with an individual's body weight, meaning the more you weigh, the more you burn. Here are interesting calorie facts for typical 7 to 12 year olds.

It takes 30 minutes of jogging to burn half of a large hamburger or 200 calories. And 30 minutes of swimming can burn half of a donut or 100 calories. These facts can help them see the direct relationship of food and exercise to their personal well being.

Studies show that long periods of high activity are not required for well being. Breaking activity into 15-minute segments can be equal to or exceed a constant long period of activity.

### Here are 15 minute calorie burning activities:

Dancing 70 calories Basketball 120 calories Biking 75 calories Tennis 100 calories Volleyball 75 calories

# DAILY CALORIC BURN RATES

### **Resting Energy Expenditure (REE)**

is the number of calories required over 24 hours to maintain vital organs and body functions.

### **Sedentary**

No structured physical activity



Calories per og 1291



Calories per og 2075



Calories per op 2358

**Moderate** 

Playground activity and occasional walks

### Heavy

Participating in a structured fitness program 3 days a week, 1 hour in duration





\*based on your child's activity level

Your profile indicates you are at a healthy weight. Keep making the right nutritional and exercise choices.

### **Portion Control**

### The Official Journal American Academy of Pediatrics

recently published a study which suggest that using smaller plates can be effective in the battle against childhood obesity. The study indicated kids eating from smaller plates consumed 90 calories less per meal than kids using larger plates.

### "Spoil your Appetite"

Twenty minutes before dinner, eating a handful of walnuts, peanuts or almonds (fatty nuts) releases a hormone (cholecystokinin) in your brain which controls your sense of appetite. As a result, you eat less.

## Your Recommended Daily Caloric Intake



## PORTION SIZE IS NOW SUPERSIZED

20 Years Ago



Today

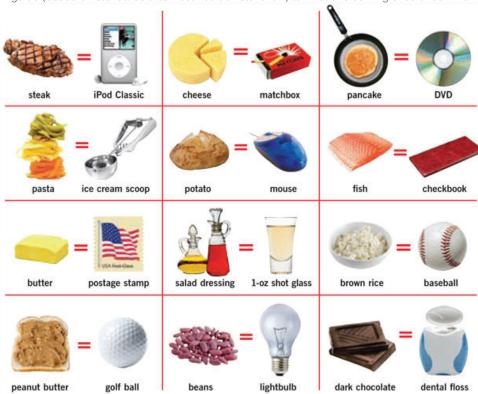


Total Calories: 1245

Total Calories: 2788

### Size It Right

A guide (based on standards that most nutritionists follow) to what one serving should look like.



### EAT SMART TO BE SMART

Center for Disease Control reports amazing benefits of a healthy breakfast.

improved concentration







higher levels of reading and math retention

### Super Foods that Kids Love to Eat!

**Blueberries** have a high antioxidant count and everyday eating can lower the risk of Type 2 Diabetes.





Whole Grain Oats are rich in magnesium. Research suggest regular consumption of whole grains can reduce risk of Type 2 Diabetes and heart disease.

**Almonds** are high in vitamin E & magnesium which keeps your child's cardiovascular system at peak efficiency.



**Cherries** are high in antioxidants, amino acids and melatonin which can help to induce sleep in children.

**Dark Chocolate** increases blood flow to the brain as well as the heart. It can also help improve cognitive function.



### Have your child select their favorite super foods

- Blueberries
- Oatmeal
- Almonds
- Eggs
- Cinnamon
- X
  - Edamame

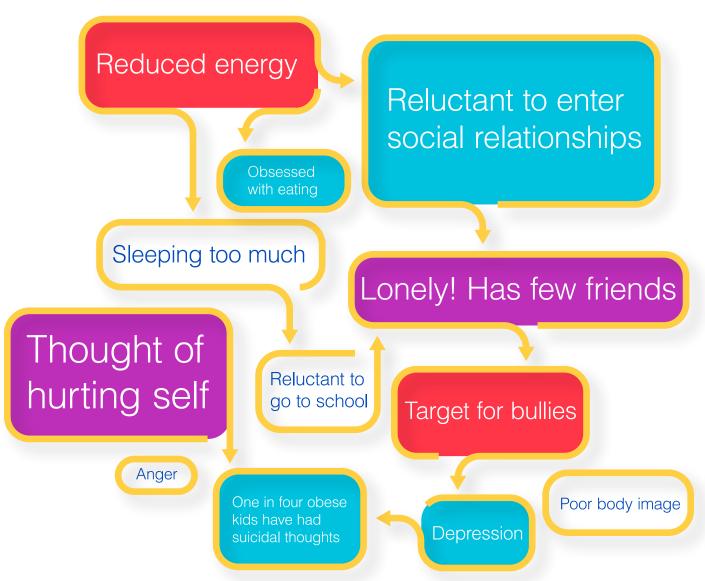
- Quinoa
- Concord grapes
- X Yogurt
- Cherries
- X Strawberries
- Roasted sunflower seeds

- Dark chocolate
- Sweet potatoes
- Peanut butter
- Avocado
- Wild brown rice
- Whole wheat bread

### THE DEVASTATING PSYCHOLOGICAL EFFECTS OF

### **CHILD OBESITY**

The American Academy of Pediatrics reports children who are overweight are at risk for emotional problems that can last well into adulthood.



Research indicates as children and adolescents get closer to an ideal weight, their self-esteem, relationships, grades, confidence and attitude improve.

Official Journal American Academy of Pediatrics Portion Control, BMI, BMI Percentile Center for Disease Control/ Healthy Youth Statistical Data and Portion Control HealthyChildren.org Super Foods
Mayo Clinic Fighting Childhood Obesity Statistical Data
World Health Organization Statistical Data
Obesity Action Coalition Psychological Impact of Kids and Teen Overweight

Name: \_\_\_\_\_ Gender: M Hat: 4'10.0" Age: 9 0hms: 424 147 cm Prepared By: \_\_\_\_\_ Current Body Weight 78.0 Lbs 35.2 Kg Total Body Fat 14.6 % 11.3 Lbs 5.1 Kg Fat-Free Mass 85.3 % 66.0 Lbs 29.9 Kg **Body Mass Index** 16.2 **BMI Percent** 46%

**Daily Caloric Needs** 

1291 Calories/Day 2075 Calories/Day

2358 Calories/Day 2800 Calories/Day

2800 Calories/Day

## SOURCES

**Activity Level** 

REE

Light Moderate

Heavy RDCI

### Official Journal American Academy of Pediatrics

Portion Control, BMI, BMI Percentile

### **Center for Disease Control/ Healthy Youth**

Statistical Data and Portion Control

### HealthyChildren.org

Super Foods

**Mayo Clinic** 

Fighting Childhood Obesity

Statistical Data

**World Health Organization** 

Statistical Data

**Obesity Action Coalition** 

Psychological Impact of Kids and Teen Overweight

\*More sources: Available upon request