

Relative Food Values

One of the common problems in trying to follow dietary guidelines is accurately judging portion sizes. The following tips should help you in evaluating the caloric and nutrient values in normal servings and to aid in arriving at comparable value food substitutions.

- **Protein Foods** - Meats, Dairy, Fish, Legumes

1 ounce of meat contains about 80 calories and 8 grams of Protein, which is roughly equivalent to:

One slice bologna	1/3 cup legumes (cooked) such as
1 oz. cheese	peas, or navy, pinto, or lima beans
1/3 cup cottage cheese	2 tsp. Peanut butter
1 egg	2 ozs. Skinless light meat chicken or turkey
1/2 cup lowfat plain yogurt	8 ozs. Skim milk or 6 ozs. lowfat milk
1 oz. tuna salad	1 oz. sautéed fish (e.g., sea bass)

- Be sure to have at least 2/3 of your protein in the first half of the day. -

- **Carbohydrate Foods** - Grains, Starchy Vegetables, Pasta

2 slices of bread contain about 120 calories and 11 grams carbohydrate, which is roughly equivalent to:

1 cup of rice, pasta or potatoes	1 gigger of vodka, rum, whiskey or gin
1 donut (plus cooking fat calories)	1 1/2 dinner roll
3/4 cup bran cereal	

- **Snack and Drinks** - Caloric Count

2 ozs. roasted peanuts	210	1 apple	80
1 oz. bag potato chips	150	1 banana	105
1 beer or 1 mixed drink	150	1 stick gum	7
1 raw carrot	30	Typical candy bar	150
1 stalk celery	5	1 cup popcorn	55

- **Fast Foods and Prepared Dishes**

Big Mac	4 oz. meat, 3 slices bread, 1 tsp. butter	536 calories
Qtr. Pounder w/cheese	4 oz. meat, 2 slices bread, 1 tsp. butter	476 calories
Dbl. Whopper w/cheese	7 oz. meat, 3 slices bread, 5 tsp. butter	920 calories
Taco Bell taco	1 oz. meat, 1 slice bread, 1 tsp. butter	176 calories
Burrito Supreme	2 oz. meat, 2 slices bread, 4 tsp. butter	364 calories
1/2 Pizza, 12" cheese/sausage	4 oz. meat, 4 slices bread, 2 tsp. butter	632 calories

- **Caffeine Content in Common Substances:**

Product	Quantity	Caffeine (in milligrams)	Caffeine (in milligrams)
Coffee			Non-prescription Drugs (Standard Dosage)
Decaffeinated	5 oz.	2	Stimulants
Instant, regular	5 oz.	53	Caffedrine capsules, NoDoz tablets, Vivarin
Percolated	5 oz.	110	Pain Relievers
Drip	5 oz.	146	Plain aspirin, any brand
Tea			Anacin, Midol
One-minute brew	5 oz.	9-33	Excedrin
Five-minute brew	5 oz.	20-50	Diuretics
Canned Iced Tea	12 oz.	22-36	Pre-Mens Forte
Cocoa and Chocolate			Aqua-Ban, Permathene
Milk chocolate	1 oz.	6	Cold Remedies
Cocoa Beverage	6 oz.	10	Coryban-D, Triaminicin, Dristan
Baking Chocolate	1 oz.	35	Weight Control Aids
Cola Soft Drinks			Dietac, Dexatrim, Prolamine
	12 fl. oz.	30-46	

- **Sample Airline Meal**

Sample Airline Meal	Quantity	Calories	Protein (grams)	Carbo- hydrates (grams)	Fat (grams)
Hot Meal					
Meat or meat substitute	3 oz.	240	24.0		15.0
Potato wedges	2-1/2 oz.	89	1.0	14.0	2.0
Green Beans (French Style)	2-1/2 oz.	11	0.6	2.4	1.0
Dinner Roll	1 medium	85	2.4	14.0	2.1
Butter	1 pat	36			4.1
Milk, low-fat	1 cup	118	8.1	11.7	4.7
Cookies, oatmeal	1 medium	80	1.1	12.2	3.2
Salad, lettuce, tomato, cherry	Medium Size	44	2.7	8.5	0.3
Salad dressing, low-fat Italian	1 Tbsp.	16		0.7	1.5
Totals:		787	40	63	42

Sample Meals

Light Meal Day	Quantity	Calories	Protein	Carbo- hydrates	Fat
			(grams)	(grams)	(grams)
Breakfast					
Cereal, corn flakes	1-1/2 cup	160	3.6	36.6	
Egg	1 egg	79	6.1	0.6	5.6
Milk, skim	1 cup	86	8.4	11.9	0.4
Bread, wheat	1 slice	61	2.3	11.3	1.0
Marmalade, Orange	1 Tbsp.	56	0.2	14.0	0.1
Orange juice	1/2 cup	56		13.0	
	Totals:	498	21	87	7
Lunch					
Meat or meat substitute	2 oz.	160	16.0		10.0
Baked potato	1 medium	95	2.0	21.0	
String Beans	1 cup	31	2.0	6.8	0.2
Carrots	1 cup	52	1.4	10.8	0.3
Butter	1 pat	36			4.1
Bread, wheat	2 slices	122	4.6	22.6	2.0
	Totals:	496	26	61	17
Supper					
Meat or meat substitute	1 oz.	80	8.0		5.0
Rice, white	1/2 cup	103	1.0	22.0	
Broccoli	1 cup	50	4.7	6.8	0.5
Squash, Summer	1 cup	38	2.2	8.4	0.2
Bread, wheat	1 slice	61	2.3	11.3	1.0
Salad, lettuce, tomato, cherry	Medium Size	44	2.7	8.5	0.3
Salad dressing. low-fat Italian	1 Tbsp.	16		0.7	1.5
	Totals:	428	21	58	13
	Daily Totals:	1422	68	206	36
Large Meal Day	Quantity	Calories	Protein	Carbo- hydrates	Fat
			(grams)	(grams)	(grams)
Breakfast					
Eggs	2 eggs	158	12.2	1.2	11.2
Meat or meat substitute	2 oz.	160	16.0		10.0
Toast whole-wheat	3 slices	183	6.0	33.0	3.0
Butter	1 pat	36			4.1
Milk, low-fat	1 cup	118	8.1	11.7	4.7
Orange juice	1/2 cup	56	0.8	13.4	0.1
	Totals:	711	44	60	33
Lunch					
Meat or meat substitute	6 oz.	480	48.0		30.0
Baked potato	2 medium	190	5.0	42.0	
Broccoli	1 cup	50	4.7	6.8	0.5
Carrots	1 cup	52	1.4	10.8	0.3
Butter	2 pat	72			8.2
Bread, wheat	2 slices	122	4.6	22.6	2.0
	Totals:	966	64	83	40
Snack					
Ice Cream	1 cup	269	4.8	31.7	14.3
Orange juice	1/2 cup	56		13.0	
Milk. Low-fat	1 cup	118	8.1	11.7	4.7
	Totals:	443	14	57	19
Supper					
Meat or meat substitute	1 oz.	80	8.0		5.0
Rice, white	1 cup	206	3.0	45.0	
String Beans	2 cups	50	4.7	6.8	0.5
Bread, wheat	1 slice	61	2.3	11.3	1.0
Butter	3 pats	108			12.3
Salad, lettuce, tomato, cherry	Medium Size	44	2.7	8.5	0.3
Salad dressing. regular Italian	1 Tbsp.	84	0.1	0.6	9.1
	Totals:	645	21	79	27
	Daily Totals:	2765	143	279	119