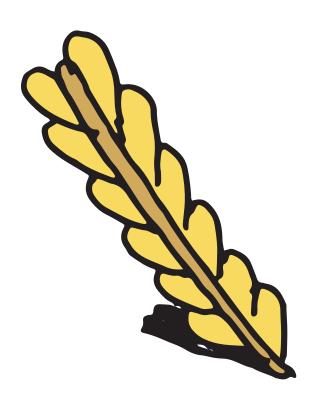
# THE GLYCEMIC INDEX

The glycemic index, or GI, uses a scale of numbers from I to I00 to rank carbohydrate foods by how quickly a serving size of each raises blood sugar. Why is this important? Because carbohydrates, or carbs, such as rice, pasta, bread, and fruit, raise blood sugar more, and more quickly, than fats or proteins do.



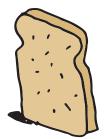
Carbs with low glycemic index numbers (from I to 55) are better carbohydrate food choices for good blood sugar control because they raise blood sugar slowly.

Are you making good food choices to control your diabetes? To help you find out, check the table on the following pages, which list the glycemic index number of 100 commonly eaten carbs.

Glycemic index Serving size (grams) (glucose = 100) 43 grams (g) = 1.5 ounces

#### **BAKERY PRODUCTS AND BREADS**

Banana cake, made with sugar	47	60
Banana cake, made without sugar	55	60
Sponge cake, plain	46	63
Vanilla cake made from packet mix	42	111
with vanilla frosting (Betty Crocker)		
Apple, made with sugar	44	60
Apple, made without sugar	48	60
Waffles, Aunt Jemima (Quaker Oats)	76	35
Bagel, white, frozen	72	70
Baguette, white, plain	95	30
Coarse barley bread, 75-80% kernels,		
average	34	30
Hamburger bun	61	30
Kaiser roll	73	30
Pumpernickel bread	56	30
50% cracked wheat kernel bread	58	30
White wheat flour bread	71	30
Wonder <sup>™</sup> bread, average	73	30
Whole wheat bread, average	71	30
100% Whole Grain™ bread (Natural Oven	s) <b>5 I</b>	30
Pita bread, white	68	30
Corn tortilla	<b>52</b>	50
Wheat tortilla	30	50



#### **BEVERAGES** (250mL = 8 ounces)

Coca Cola®, average	63	250 mL
Fanta®, orange soft drink	68	250 mL
Lucozade®, original		
(sparkling glucose drink)	95±10	250 mL
Apple juice, unsweetened, average	44	250 mL
Cranberry juice cocktail (Ocean Spray®,)	68	250 mL
Gatorade	78	250 mL
Orange juice, unsweetened	50	250 mL
Tomato juice, canned	38	250 mL



Glycemic index (glucose = 100)

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### BREAKFAST CEREALS AND RELATED PRODUCTS

55	30
77	30
93	30
66	250
74	250
75	30
66	30
55	250
83	250
80	30
61	30
69	30
	77 93 66 74 75 66 <b>55</b> 83 80 61

#### **GRAINS**

Pearled barley, average	28	150
Sweet corn on the cob, average	60	150
Couscous, average	65	150
Quinoa	53	150
White rice, average	89	150
Quick cooking white basmati	67	150
Brown rice, average	<b>50</b>	150
Converted, white rice (Uncle Ben's®,)	38	150
Whole wheat kernels, average	30	50
Bulgur, average	48	150

#### **COOKIES AND CRACKERS**

Graham crackers	74	25	
Vanilla wafers	77	25	
Shortbread	64	25	
Rice cakes, average	82	25	
Rye crisps, average	64	25	
Soda crackers	74	25	



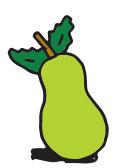
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#### **DAIRY PRODUCTS AND ALTERNATIVES**

Ice cream, regular	57	50
Ice cream, premium	38	50
Milk, full fat	41	250 mL
Milk, skim	32	250 mL
Reduced-fat yogurt with fruit, average	33	200

#### **FRUITS**

Apple, average	39	120
Banana, ripe	62	120
Dates, dried	42	60
Grapefruit	25	120
Grapes, average	59	120
Orange, average	40	120
Peach, average	42	120
Peach, canned in light syrup	40	120
Pear, average	38	120
Pear, canned in pear juice	43	120
Prunes, pitted	29	60
Raisins	64	60
Watermelon	72	120



#### **BEANS AND NUTS**

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Baked beans, average	40	150
Blackeye peas, average	33	150
Black beans	30	150
Chickpeas, average	10	150
Chickpeas, canned in brine	38	150
Navy beans, average	31	150
Kidney beans, average	29	150
Lentils, average	29	150
Soy beans, average	15	150
Cashews, salted	27	50
Peanuts, average	7	50



Glycemic index (glucose = 100)

Serving size (grams) 43 grams (g) = 1.5 ounces

DASTA INCODUES			
PASTA and NOODLES	32	180	
Fettucini, average	32 47	180	
Macaroni, average	<b>47</b> 64	180	(allalla)
Macaroni and Cheese (Kraft)	46	180	(SIRSIN)
Spaghetti, white, boiled, average	<b>46</b> 58	180	AP AP
Spaghetti, wholeman hoiled average	36 <b>42</b>	180	
Spaghetti, wholemeal, boiled, average	42	100	
SNACK FOODS			
Corn chips, plain, salted, average	42	50	
Fruit Roll-Ups <sup>®</sup> ,	99	30	
M & M's <sup>®</sup> , peanut	33	30	
Microwave popcorn, plain, average	55	20	
Potato chips, average	51	50	
Pretzels, oven-baked	83	30	
Snickers Bar <sup>®,</sup>	5 I	60	
VEGETABLES			~~
Green peas, average	5 I	80	
Carrots, average	35	80	5070
Parsnips	52	80	
Baked russet potato, average	111	150	
Boiled white potato, average	82	150	
Instant mashed potato, average	87	150	
Sweet potato, average	70	150	
Yam, average	54	150	
MISCELLANEOUS			
Hummus (chickpea salad dip)	6	30	
Chicken nuggets, frozen, reheated in	46	100	
microwave oven 5 min	-10	100	
Pizza, plain baked dough, served with	80	100	
parmesan cheese and tomato sauce		100	
Honey, average	61	25	
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 $\textbf{Source:} \ www.health.harvard.edu/newsweek/Glycemic\_index\_and\_glycemic\_load\_for\_100\_foods.htm$