## Carbohydrate Reference Tables

This resource lists the amount of carbohydrate in a range of foods.
Carbohydrates provide us with energy and are also the main nutrient affecting blood glucose levels. Increasing your carbohydrate awareness or counting carbohydrate will help you know how your food affects your blood glucose level after eating.

There are different ways of calculating the carbohydrate content in your food. Your dietitian can help you decide on the best methods to suit you.

## The tables show:

The carbohydrate content in grammes (g) for the amount of food listed. For example, 1 medium slice bread contains 15 g carbohydrate. Compare your serving with the amount listed and work out how much carbohydrate is in the food you eat.
For foods that may be weighed, the carbohydrate content in grammes (g) per 100 g of food is also provided. If you wish to weigh your food portion that amount of carbohydrate per 100 g can be used to work out the amount of carbohydrate in your serving.

To work out the carbohydrate content of your weighed serving using the per 100 g value on the table or the amount of carbohydrate per 100 g on the label, use the following equation:

## Divide ( $\div$ ) the amount of carbohydrate per 100 g by 100 then multiply ( x ) by the weight of food = carbohydrate in grammes

## Example

A serving of cooked pasta 200 g . Cooked pasta has 35 g carbohydrate per 100 g .
Using the equation above:
The amount of carbohydrate in the serving $=35 \div 100 \times 200=70 \mathrm{~g}$ carbohydrate

The tables also list a selection of brand foods. Values can differ between manufacturers and products and manufacturers may change their products/recipes from time to time. It is more accurate to use the carbohydrate content listed on the food label for a specific food and brand you choose where possible.
Remember to use the total carbohydrate content not the 'of which sugars'.

## Conversion charts for weight and liquid

Metric measures such as grammes ( g ) or millilitres ( ml ) are used on food packets and labels in the UK. If you are more familiar with imperial measures such as ounces (oz) and pounds (lb) these conversion charts may be helpful.

Weight conversion chart

| Metric weights | Imperial weights |
| :---: | :---: |
| 15 g (grams) | $1 / 2 \mathrm{oz}$ (ounce) |
| 25 g | 1 oz |
| 50 g | 2 oz |
| 75 g | 30 z |
| 100 g | $40 \mathrm{oz}=1 / 4 \mathrm{lb}$ |
| 225 g | $8 \mathrm{oz}=1 / 2 \mathrm{lb}$ |
| 350 g | $12 \mathrm{oz}=3 / 4 \mathrm{lb}$ |
| 450 g | $16 \mathrm{oz}=1 \mathrm{lb}$ |
| $1000 \mathrm{~g}=1 \mathrm{~kg}$ (kilogram) |  |

Liquid conversion chart

| Metric volume | Imperial volume |
| :---: | :---: |
| 5 ml (millilitre) | 1 tsp (teaspoon) |
| 15 ml | 1 tbsp (tablespoon) |
| 30 ml | 1 fl oz (fluid ounce) |
| 150 ml | $5 \mathrm{fl} \mathrm{oz}=1 / 4 \mathrm{pint}$ |
| 200 ml | $7 \mathrm{fl} \mathrm{oz}=1 / 3 \mathrm{pint}$ |
| 275 ml | $10 \mathrm{fl} \mathrm{oz}=1 / 2$ pint |
| 425 ml | $15 \mathrm{fl} \mathrm{oz}=3 / 4 \mathrm{pint}$ |
| 568 ml | $20 \mathrm{fl} \mathrm{oz}=1$ pint |
| $1000 \mathrm{ml}=1 \mathrm{l}$ (litre) |  |

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| Bread | Serving <br> Amount | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | /100g |
| White | 1 thin slice | 11 g | 50 g |
|  | 1 medium slice | 15 g | 50 g |
|  | 1 thick slice | 20 g | 50 g |
|  | 1 extra thick slice | 30 g | 50 g |
| Wholemeal | 1 thin slice | 10 g | 42g |
|  | 1 medium slice | 15 g | 42 g |
|  | 1 thick slice | 20 g | 42 g |
| Granary | 1 medium slice | 15 g | 46 g |
| Rye | $\begin{array}{\|l} \hline 1 \text { medium } \\ \text { slice } \end{array}$ | 16 g | 46 g |
| Baguette | $21 / 2 \mathrm{~cm}$ slice | 10 g | 55 g |
|  | 13 cm slice | 50 g | 55 g |
| Breadsticks | 3 | 10 g | 73 g |
| Ciabatta | 1 thick slice | 20 g | 51 g |
| Garlic Bread | 1 thick slice | 20 g | 48 g |
| Finger roll | 1 | 21 g | 52 g |
| Crusty roll | 1 | 25 g | 56 g |
| Wholemeal roll | 1 | 25 g | 50 g |
| Burger roll | 1 | 30 g | 49g |
| Large white bap | 1 | 50 g | 52 g |
| Large Bap wholemeal | 1 | 48 g | 50 g |
| English muffin | 1 | 30 g | 43 g |
| Crumpet | 1 | 20 g | 44 g |
| Croissant | 1 | 22 g | 43 g |
| Brioche | 1 slice | 20 g | 56 g |
| Pain au chocolate | 1 | 30 g | 46 g |
| Pain au raisin | 1 | 37g | 39g |
| Belgian waffle | 1 | 15 g | 53g |
| Danish pastry | 1 | 45 g | 51g |


|  | Serving | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | $/ 100 \mathrm{~g}$ |
| Plain Naan | 1 medium (120g) | 60 g | 50 g |
| Poppadum | $\begin{aligned} & 1 \text { large } \\ & (25 \mathrm{~g}) \end{aligned}$ | 10 g | 42g |
| Chapatti | 1 medium (60g) | 26 g | 43g |
| White Pitta | mini | 18 g | 50 g |
| White Pitta | 1 | 30 g | 50 g |
| Wholemeal Pitta | 1 | 28 g | 46 g |
| Tortilla White | Medium | 23 g | 58 g |
|  | Large | 35 g | 58 g |
| Tortilla | Medium | 18 g | 46 g |
|  | large | 28 g | 46 g |
| Cakes |  |  |  |
| Scone | 45 g | 25 g |  |
| Tea cake | 60 g | 32 g |  |
| Muffin | 100 g | 40 g |  |
| Choc mini muffin | 28 g | 15 g |  |
| Malt loaf | Slice | 20 g |  |
| Iced finger | 40 g | 20 g |  |
| Chocolate éclair | 90 g | 25 g |  |
| Profiteroles | 6 (120g) | 30 g |  |
| Cream horn | 60 g | 15 g |  |
| Cheesecake | 150 g | 40 g |  |
| Meringue nest | $1(15 \mathrm{~g})$ | 15 g |  |
| Ring doughnut | 65 g | 30 g |  |
| Jam doughnut | 70 g | 35 g |  |
| Pancake | 60 g | 15 g |  |
| Scotch pancake | 35 g | 15 g |  |
| Sponge cake | $\begin{array}{\|l\|} \hline \text { Slice } \\ 75 \mathrm{~g} \\ \hline \end{array}$ | 35 g | 47g |
| Fruit cake | $\begin{aligned} & \text { Slice } \\ & 60 \mathrm{~g} \\ & \hline \end{aligned}$ | 35g | 58 g |
| Carrot cake | $\begin{aligned} & \text { Slice } \\ & 75 \mathrm{~g} \\ & \hline \end{aligned}$ | 30 g | 40 g |
| Swiss roll | $\begin{aligned} & \text { Slice } \\ & 35 a \end{aligned}$ | 22 g | 63g |
| Cup cake | 1 (40g) | 15 g |  |
| Chocolate mini roll | 1 (29g) | 15 g |  |
| Gateau | $\begin{aligned} & \text { Slice } \\ & (75 \mathrm{~g}) \end{aligned}$ | 21 g | 28 g |

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| Puddings | Serving Amount | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | /100g |
| Bread \& Butter pudding | $\begin{aligned} & \text { medium } \\ & (150 \mathrm{~g}) \end{aligned}$ | 40 g | 27 g |
| Sticky Toffee | medium (110g) | 45 g | 41g |
| Banoffee Pie | medium <br> (150g) | 50 g | 33g |
| Apple Pie | slice (150g) | 50 g | 33 g |
| Mince Pie | 1 (60g) | 35 g |  |
| Bakewell tart | 1 (45g) | 20 g |  |
| Jam Tart | 1 (35g) | 21 g |  |
| Custard Tart | 1 (95g) | 25 g |  |
| Trifle | 125 g | 24 g | 19 g |
| Jelly | 150 g | 27 g | 18 g |
| Ice Cream vanilla | $\begin{aligned} & 1 \text { scoop } \\ & (50 \mathrm{~g}) \\ & \hline \end{aligned}$ | 10 g | 20 g |
| Choc ice | 1 | 15 g |  |
| Cornetto | 1 | 20 g |  |
| Magnum | 1 | 27 g |  |
| Cornet \& flake | 125 ml | 30 g |  |
| Sorbet | $\begin{aligned} & 1 \text { scoop } \\ & (50 \mathrm{~g}) \end{aligned}$ | 15 g | 30g |
| Fruit lolly | 80 ml | 18 g |  |
| Biscuits | Serving Amount | Carbohydrate (g) |  |
| Savoury cracker | 1 | 5 g |  |
| crispbread | 1 | 5 g |  |
| Oatcake/ rice cake | 1 | 5 g |  |
| Water biscuit large | 1 | 5 g |  |
| Garibaldi | 1 | 5 g |  |
| Ginger snap | 1 | 5 g |  |
| Rich tea | 1 | 5 g |  |
| Malted milk | 1 | 5 g |  |
| Digestive | 1 | 10 g |  |
| Custard cream | 1 | 8 g |  |
| Bourbon | 1 | 9 g |  |
| Chocolate fingers | 3 | 10 g |  |
| Jammy dodger | 1 | 13 g |  |
| Kitkat | 2 finger | 13 g |  |
| Penguin | 1 | 16 g |  |
| Jaffa cake | 1 | 8 g |  |
| Fig roll | 1 | 15 g |  |
| Tracker (choc chip) | 26 g | 15 g |  |
| Alpen bar | 29g | 22 g |  |
| Kellogs Nutri grain | 37 g | 25 g |  |
| Nature Valley oat and honey | $\begin{aligned} & 2 \text { bars } \\ & (42 \mathrm{~g}) \end{aligned}$ | 27 g |  |
| Oat flapjack | 60 g | 35 g |  |


| Breakfast cereals | Serving | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serv ing | /100g |
| Weetabix | 1 bisc | 12 g | 68 g |
| Oatibix | 1 bisc | 15 g | 64 g |
| Shredded wheat | 1 bisc | 15 g | 69 g |
| All Bran | 6 tbsp | 20 g | 48 g |
| Bran or oat flakes | 7 tbsp | 30 g | 67 g |
| Cornflakes | 6 tbsp | 30 g | 84 g |
| Crunchy Nut Cornflakes | 6 tbsp | 30 g | 82g |
| Frosties | 6 tbsp | 30 g | 87g |
| Fruit 'n Fibre | 7 tbsp | 30 g | 69 g |
| Special K | 6 tbsp | 30 g | 75 g |
| Sultana Bran | 7 tbsp | 30 g | 68 g |
| Cheerios | 8 tbsp | 30 g | 75 g |
| Coco Pops | 7 tbsp | 30 g | 85 g |
| Puffed Wheat | 8 tbsp | 30 g | 72 g |
| Rice Krispies | 7 tbsp | 30 g | 87 g |
| Start | 7 tbsp | 30 g | 83g |
| Weetos | 8 tbsp | 30 g | 75 g |
| Frosted or Coco Shreddies | 5 tbsp | 30 g | 77 g |
| Raisin Wheats | 15 | 30 g | 69 g |
| Shredded Wheat Bitesize | 15 | 30 g | 72g |
| Shreddies | 5 tbsp | 30 g | 74 g |
| Oats rolled | 4 tbsp | 30 g | 60 g |
| Oatso Simple Original | $\begin{gathered} 1 \text { sachet \& } \\ \text { milk } \end{gathered}$ | 25g | 14 g |
| Porridge with milk | 225 g | 30 g | 14 g |
| Fruit muesli | 2 tbsp | 20 g | 65 g |
| Muesli no added sugar | 2 tbsp | 20 g | 65 g |
| Nut muesli | 2 tbsp | 18 g | 61 g |

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| Fruit | Serving amount | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | /100g |
| Apple | 1 | 15 g | 12 g |
| Stewed apple | 140 g | 11 g | 8 g |
| Pear | 1 | 15 g | 9 g |
| Plum | 2 | 10 g | 8 g |
| Orange | 1 | 10 g | 6 g |
| Satsuma | 2 | 10 g | 6 g |
| Grapefruit | 1/2 | 5 g | 5 g |
| Banana | 1 | 20 g | 15 g |
| Grapes | 10 | 10 g | 15 g |
| Mango | 1/4 | 10 g | 14 g |
| Pineapple | 2 slices | 10 g | 10 g |
| Paw paw | $1 / 4$ | 10 g | 9 g |
| Apricots | 4 | 10 g | 7 g |
| Nectarine | 1 | 10 g | 8 g |
| Peach | 1 | 10 g | 7 g |
| Tinned peaches in juice | 100 g | 10 g | 10 g |
| Tinned fruit cocktail | $\begin{aligned} & \hline 1 / 2 \text { tin in juice } \\ & (200 \mathrm{~g}) \end{aligned}$ | 14 g | 7 g |
| Fresh fruit salad | medium bowl (200g) | 28 g | 14 g |
| Kiwi | 2 | 11 g | 9 g |
| Watermelon | 150 g slice | 10 g | 7 g |
| Melon | 150 g slice | 10 g | 6 g |
| Strawberries | 7 | 5 g | 6 g |
| Raspberries | 100 g | 5 g | 5 g |
| Blackberries | 100 g | 5 g | 5 g |
| Blueberries | 20 | 5 g | 10 g |
| Cherries | 10 | 10 g | 10 g |
| Blackcurrants | 100 g | 7 g | 7 g |
| Dates | 2 | 10 g | 65 g |
| Dried Apricots | 3 | 10 g | 37 g |
| Figs | 1 | 10 g | 49 g |
| Prunes | 2 | 10 g | 34 g |
| Raisin/sultanas | 15 g | 10 g | 70 g |

The weight listed for fruits may include peel or stones but the carbohydrate content listed is for edible fruit.
Most vegetables (except potatoes) have a low carbohydrate content and do not need to be counted.
Vegetables including pulses such as peas, beans and lentils with significant carbohydrate content are listed below. Pulses are slow releasing and people with type 1 diabetes who carbohydrate count and inject insulin to match their carbohydrate intake will learn from experience whether to take insulin for these or not.

| Vegetables | Serving amount | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | /100g |
| Potatoes boiled | $\begin{aligned} & 1 \text { (egg } \\ & \text { sized) } \end{aligned}$ | 10 g | 17 g |
| Potatoes mashed | 1 scoop | 10 g | 15 g |
| Potatoes roast | $\begin{aligned} & \hline 1 \text { small } \\ & (40 \mathrm{~g}) \\ & \hline \end{aligned}$ | 10 g | 26 g |
| Jacket potato | Small | 25 g | 23 g |
|  | Medium | 50 g | 23 g |
|  | Large | 80 g | 23 g |
| Sweet potato | medium | 25 g | 20 g |
| Chips | 5 | 10 g | 30 g |
| Oven chips baked | 15-20 | 30 g | 30 g |
| French fries | medium portion (150g) | 50 g | 36 g |
| Hash brown | 1 | 10 g | 25 g |
| Croquette | 2 | 10 g | 25 g |
| Potato smiles | 2 | 10 g | 25 g |
| Wedges | 3-4 | 10 g | 25 g |
| Waffle | 1 | 15 g | 31 g |
| Crisps | 25 g pack | 15 g | 60 g |
| Potato salad | 75 g | 10 g | 13 g |
| Carrots boiled | 2 | 10 g | 5 g |
| Parsnip baked | 1/2 | 10 g | 21 g |
| Beetroot boiled | 2-3 | 10 g | 10 g |
| Butternut squash | 100 g | 8 g | 8 g |
| Peas frozen/ tinned | 3 tbsp | 10 g | 12 g |
| Mushy peas | 2 tbsp | 10 g | 14 g |
| Broad beans | 3 tbsp | 10 g | 12 g |
| Baked beans | $1 / 2$ tin | 28 g | 14 g |
| Lentils | 2 tbsp | 10 g | 18 g |
| Kidney beans | 2 tbsp | 10 g | 18 g |
| Chickpeas | 2 tbsp | 10 g | 16 g |
| Butter beans | 3 tbsp | 10 g | 13 g |
| Houmous | 2 tbsp | 8 g | 13 g |
| Sweetcorn tinned / frozen | 2 tbsp | 10 g | 26 g |
| Sweetcorn cob | Medium | 10 g | 12 g |


| Dried Pasta | Serving amount | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | $/ 100 \mathrm{~g}$ |
| Lasagne | 1 sheet | 10 g | 70 g |
| Spaghetti White | 50 g | 35 g | 70 g |
|  | 100 g | 70 g | 70 g |
| Spaghetti Wholewheat | 75 g | 50 g | 66 g |
|  | 100 g | 66 g | 66 g |
| Macaroni | 50 g | 38 g | 76 g |
| Penne/ Fusilli | 50 g | 35 g | 70 g |
|  | 75 g | 53 g | 70 g |
|  | 100 g | 70 g | 70 g |
| Cooked pasta (boiled) |  |  |  |
| Spaghetti White | 200 g | 70 g | 35g |
| Spaghetti Wholewheat | 200 g | 64 g | 32 g |
| Macaroni | 200 g | 75 g | 38 g |
| Penne/ Fusilli | 200 g | 70 g | 35 g |
| Ravioli Tinned | 200 g | 20 g | 10 g |
| Lasagne | 300 g | 40 g | 13 g |
| Macaroni cheese | 300 g | 54 g | 18 g |
| Tortellini filled | 150 g | 48 g | 32 g |
| Noodles |  |  |  |
| Egg noodles raw | 63g | 45g | 72g |
| Egg noodles boiled | 125g | 45g | 36g |
| Pot noodle | 1 pot | 65 g | 20 g |
| Straight to wok noodles | 150 g | 40 g | 28 g |


| Rice | Serving <br> amount | Carbohydrate (g) |  |
| :--- | :--- | :--- | :--- |
|  |  | $/$ serving | $/ 100 \mathrm{~g}$ |
| All varieties raw | 10 g | 10 g | 100 g |
|  | 50 g | 50 g | 100 g |
|  |  |  |  |
| All varieties <br> cooked | 30 g | 10 g | 30 g |
|  | 150 g | 50 g | 30 g |
|  | 200 g | 60 g | 30 g |
| Pilau rice | 350 g | 60 g | 17 g |
| Risotto |  |  |  |
|  | 125 g | 19 g | 15 g |
|  | 125 g | 38 g | 30 g |
| Polenta | 60 g raw | 38 g | 63 g |
| Couscous <br> cooked | 125 g <br> cooked | 38 g | 31 g |
| Quinoa |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

When pasta/rice/noodles are boiled the volume and weight increases because they absorb water.

If working out the carbohydrate content of a pasta meal make sure to use the right carbohydrate value from the table or on food labels such as "dry weight" (raw) or "as served" (cooked) weight.
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| Meat $/$ Fish <br> Products | Serving | Carbohydrate (g) |  |
| :--- | :--- | :--- | :--- |
|  |  | $/$ serving | $/ 100 \mathrm{~g}$ |
| Sausage | $1 \quad(55 \mathrm{~g})$ | 5 g | 9 g |
| Sausage roll | $1 \quad(60 \mathrm{~g})$ | 16 g | 27 g |
| Mini sausage <br> roll | $1 \quad(20 \mathrm{~g})$ | 5 g | 25 g |
| Scotch egg | $1(120 \mathrm{~g})$ | 16 g | 13 g |
| Mini scotch <br> egg | $2(60 \mathrm{~g}$ each) | 16 g | 13 g |
| Pork pie | individual 140 g | 35 g | 24 g |
|  <br> Kidney pie | individual 200 g | 46 g | 23 g |
| Cornish pastie | 1 medium <br> 200 g | 49 g | 25 g |
| Quiche | $1 / 3$ of 6 " $(120 \mathrm{~g})$ | 26 g | 22 g |
| Chicken <br> goujons | $3(100 \mathrm{~g})$ | 19 g | 19 g |
| Chicken kiev | $1(130 \mathrm{~g})$ | 16 g | 12 g |
| Stuffing | 2 balls $(65 \mathrm{~g})$ | 13 g | 20 g |
| Yorkshire <br> pudding | $1 \quad(40 \mathrm{~g})$ | 10 g | 25 g |
| Fish fingers <br> grilled | 3 fingers | 9 g | 15 g |
| Fish cake fried | $1(100 \mathrm{~g})$ | 16 g | 16 g |
| Fish in batter | Small (130g) | 19 g | 15 g |
| Scampi | 5 | 15 g | 20 g |
| sushi | 4 | 32 g | 25 g |

Meat and fish do not contain carbohydrate unless they are coated in breadcrumbs/batter, wrapped in pastry or are processed with added cereal. Meat and fish products containing significant carbohydrate are listed above.

| Soups and <br> sauces |  | $/$ serving | 1100 ml |
| :--- | :--- | :--- | :--- |
| Tomato soup | 200 ml | 10 g | 5 g |
| Vegetable <br> soup | 200 ml | 15 g | 8 g |
| Lentil soup | 200 ml | 20 g | 10 g |
| Chicken <br> noodle soup | 200 ml | 10 g | 5 g |
| Gravy | 100 ml | 5 g | 5 g |
| Ketchup | $1 \mathrm{tbsp}(15 \mathrm{ml})$ | 5 g | 33 g |
| Brown sauce | $1 \mathrm{tbsp}(15 \mathrm{ml})$ | 5 g | 33 g |
| White sauce | 125 ml | 15 g | 12 g |
| Bread sauce | 75 ml | 10 g | 13 g |


| Soups and <br> sauces <br> (continued) |  | $/$ serving | $/ 100 \mathrm{ml}$ |
| :--- | :--- | :--- | :--- |
| Pickle | $1 \mathrm{tbsp}(15 \mathrm{ml})$ | 5 g | 33 g |
| Chutney | $1 \mathrm{tbsp}(15 \mathrm{ml})$ | 10 g | 67 g |
| Horseradish | $1 \mathrm{tbsp}(15 \mathrm{ml})$ | 3 g | 20 g |
| Mint sauce | $1 \mathrm{tbsp}(15 \mathrm{ml})$ | 4 g | 27 g |
| Dairy | Serving | Carbohydrate g$)$ |  |
| Fresh milk <br> (all kinds) | 200 ml | 10 g | 5 g |
| Soya milk | 200 ml | 6 g | 3 g |
| Dried <br> skimmed | 20 g | 11 g | 55 g |
| Evaporated | 150 ml | 12 g | 8 g |
| Condensed | 50 ml | 28 g | 56 g |
|  |  | 9 g | 7 g |
| Full fat <br> Natural <br> yoghurt | 125 g | 180 g |  |
| Fruit corner | 1 | 18 g |  |
| 0\% fat <br> yoghurt | 150 g | 10 g | 8 g |
| Low fat fruit <br> yoghurt | 125 g | 18 g | 14 g |
| Yoghurt drink | 75 ml | 9 g | 12 g |
| Plain <br> Fromage <br> frais | 150 g | 6 g | 4 g |
| Flavoured <br> fromage frais | 47 g | 5 g | 10 g |
| Custard <br> powder | 15 g | 14 g | 92 g |
| Custard | 125 g | 21 g | 17 g |
| Milk pudding | 200 g | 28 g | 14 g |

Milk and many dairy products contain carbohydrate from milk sugar (lactose). Cheese and cream do not contain significant amounts of carbohydrate as the milk sugar is removed during their processing.

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| Drinks | Serving amount | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | $/ 100 \mathrm{~g}$ |
| Horlicks instant | 200 ml mug with water | 22g | 11 g |
| Cadburys instant chocolate | 200 ml mug with water | 20g | 10 g |
| Low cal chocolate | 200 ml mug with water | 5 g | 3 g |
| Cocoa powder | 2 tsp | 1 g | 11 g |
| Milk | 200 ml | 10 g | 5 g |
| Cola | 100 ml | 11 g | 11 g |
| Diet cola | 100 ml | 0 g | 0 |
| Fanta orange | 100 ml | 5 g | 5 g |
| Lemonade | 330 ml | 35 g | 11 g |
| Sprite | 330 ml | 11 g | 3.3 g |
| 7 Up | 330 ml | 23 g | 7 g |
| Slimline tonic | 150 ml | 0 g | 0 |
| Tonic water | 150 ml | 8 g | 5 g |
| Bitter Lemon | 150 ml | 12 g | 8 g |
| Ginger Ale | 150 ml | 14 g | 9 g |
| J20 | 275 ml | 13 g | 5 g |
| Appletise | 275 ml | 30 g | 11 g |
| Fruit Smoothie | 250 ml | 35 g | 14 g |
| Yoghurt Smoothie | 250 ml | 40 g | 16 g |
| Orange squash | 250 ml | 12 g | 5 g |
| Orange Hi juice squash | 250 ml | 20g | 8 g |
| Blackcurrant squash | 250 ml | 27g | 11g |
| Red Bull | 250 ml | 28 g | 11 g |
| Lucozade original | 380 ml | 34 g | 9 g |
| Lucozade sport | 500 ml | 33g | 7 g |

Carbohydrate in soft drinks can come from added sugar, fruit juice and sometimes yoghurt/milk.
Diet or low calorie drinks sweetened with artificial sweeteners do not contain significant
carbohydrate.

| Alcoholic drinks | Serving <br> amount | Carbohydrate <br> $(\mathrm{g})$ |  |
| :--- | :--- | :--- | :--- |
|  |  | /serving | $/ 100 \mathrm{~g}$ |
| Champagne / <br> Sparkling wine | 125 ml | trace |  |
| Red, Rose, White <br> wine | 175 ml | Trace |  |
| Dessert wine | 125 ml | 10 g |  |
| Low alcohol wine | 175 ml | 20 g |  |
| Mulled wine | 175 ml | 30 g |  |
|  |  |  |  |
| Beer / Lager | 1 pint | 10 g |  |
| Dry Cider | 1 pint | 15 g |  |
| Sweet Cider | 1 pint | 25 g |  |
| Vintage Cider | 1 pint | 40 g |  |
| Low alcohol beer | 330 ml | 20 g |  |
| Stout | 1 pint | 20 g |  |
|  | 25 ml | 0 g |  |
| Gin, Whisky, <br> Rum | 275 ml | $25-35 \mathrm{~g}$ |  |
| Breezer | $125 \mathrm{ml}-$ | Up to <br> Cocktail | 200 ml |

Alcoholic drinks contain carbohydrate so these are included in the tables. It is important to note that most people who inject insulin do not give insulin for the carbohydrate in alcoholic drinks due to the risk of hypoglycaemia

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| Hypoglycaemic <br> Treatments | Serving <br> Amount | Carbohydrate (g) |  |
| :--- | :--- | :--- | :--- |
| Note: many drinks are reformulating to <br> reduce sugar content. Always check <br> carbohydrate content on labels as larger <br> volumes may be required to provide the <br> 10 to 15 g carbohydrate required for hypo <br> treatment |  |  |  |
|  |  |  |  |
| Glucose / sugar |  |  | 10 g |
| Glucose <br> (dextrose) tabs | 3 | 10 g | 100 g |
|  |  | 10 g | 100 g |
| Glucogel | 25 g tube | 10 g | 40 g |
| Jelly Babies | 5 | 15 g | 80 g |
| Jelly Beans | 10 | 15 g | 90 g |
| Fruit Pastilles | 4 | 10 g | 85 g |
| Wine Gums | 5 | 15 g | 75 g |
|  |  |  |  |
| Lucozade original | 110 ml | 10 g | 9 g |
| Lucozade original | 170 ml | 15 g | 9 g |
| Lucozade sport | 145 ml | 10 g | 7 g |
| Lucozade sport | 215 ml | 15 g | 7 g |
| Cola (not diet) | 100 ml | 11 g | 11 g |
| Fruit Juice | 100 ml | 10 g | 10 g |
|  |  |  |  |
|  |  |  |  |

Hypoglycaemia, or hypo, is a blood glucose level less than $4 \mathrm{mmol} / \mathrm{l}$.
Treat this straight away with $10-15 \mathrm{~g}$ of quick acting carbohydrate such as the foods and drinks listed above.
Retest and if blood glucose is still less than $4 \mathrm{mmol} / \mathrm{l}$, take another $10-15 \mathrm{~g}$ of carbohydrate.
Do not take insulin for these treatments.
When blood glucose is above $4 \mathrm{mmol} / \mathrm{l}$ you may need to take some additional starchy carbohydrate food as a follow on treatment (examples listed below), if your next meal is not due.

| Follow on <br> treatment |  |  |  |
| :--- | :--- | :--- | :--- |
| Biscuits | 2 plain | 15 g | 70 g |
| Bread/toast | 1 slice | 15 g | 50 g |
| Cereal \& milk | Small <br> bowl | 20 g | 15 g |
| Fruit | 1 medium | 20 g | 15 g |


| Jams and spreads | Serving Amount | Carbohydrate(g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | /100g |
| Jam/ marmalade | 2 tsp | 10 g | 69 g |
| Reduced sugar jam | 2 tsp | 8 g | 55 g |
| Lemon curd | 2 tsp | 9 g | 63 g |
| Golden syrup | 2 tsp | 12 g | 80 g |
| Honey | 2 tsp | 13 g | 85 g |
| Choc nut spread | 2 tsp | 9 g | 60 g |
| Butter and fat spreads (e.g. sunflower or olive spreads) do not contain carbohydrate. Yeast spreads (e.g. Marmite) and nut butters only contain a small amount of carbohydrate and do not need to be counted. |  |  |  |
| Sweets |  |  |  |
| After Eight mints | 1 | 6 g |  |
| Assortment toffee and choc | 1 | 8 g |  |
| Boost bar | 40 g bar | 23 g |  |
| Bounty bar | 57 g bar | 33 g |  |
| Chocolate Buttons | $\begin{aligned} & \text { Treat } \\ & \text { size } 15 \mathrm{~g} \\ & \text { bag } \end{aligned}$ | 8 g |  |
| Cadbury's Caramel bar | 37g bar | 23g |  |
| Cadbury's Cream Egg | 1 (40g) | 29 g |  |
| Crunchie | 40 g bar | 30 g |  |
| Dark or milk chocolate bar | $3$ <br> squares | 10 g |  |
| Dairy Milk (Cadbury's) | 45g bar | 25 g |  |
| Flake | 26g bar | 15 g |  |
| Fudge | $1 \times 12 \mathrm{~g}$ square | 10 g |  |
| Cadbury's Fudge Finger | 26g bar | 19 g |  |
| Double Decker | 55g bar | 39g |  |
| Fry's Turkish Delight | 51 g bar | 38 g |  |
| Galaxy | 42g bar | 24 g |  |

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| Sweets continued | Serving Amount | Carbohydrate (g) |  |
| :---: | :---: | :---: | :---: |
|  |  | /serving | /100g |
| Green and Black's chocolate | $\begin{aligned} & \text { mini bar } \\ & (15 \mathrm{~g}) \end{aligned}$ | 7 g |  |
| Kitkat | 2 finger | 13 g |  |
| Kitkat chunky | 25 g bar | 20 g |  |
| Maltesers | $\begin{array}{\|l} \hline 37 \mathrm{~g} \\ \mathrm{bag} \\ \hline \end{array}$ | 23 g |  |
| Mars bar treat size | 18 g bar | 13 g |  |
| Mars bar | 51 g bar | 35 g |  |
| Milky Way | 22 g bar | 15 g |  |
| Minstrels | 118 g pouch | 82g |  |
| Munchies | $\begin{array}{\|l} \hline 52 \mathrm{~g} \\ \text { tube } \\ \hline \end{array}$ | 34 g |  |
| Peanut M\& M's | $\begin{aligned} & 140 \mathrm{~g} \\ & \text { bag } \end{aligned}$ | 83g |  |
| Rolo | $\begin{array}{\|l\|} \hline 52 \mathrm{~g} \\ \text { tube } \\ \hline \end{array}$ | 36 g |  |
| Snickers | 42 g bar | 23 g |  |
| Toffee crisp | 38 g bar | 24 g |  |
| Twix | 23 g bar | 15 g |  |
| Yorkie | 46 g bar | 28 g |  |
| Fruit pastilles | $\begin{aligned} & 52 \mathrm{~g} \\ & \text { tube } \\ & \hline \end{aligned}$ | 43 g |  |
| Liquorice Allsorts | 1 | 5 g |  |
| Marshmallows | 1 | 6 g |  |
| Skittles | $\begin{array}{\|l\|} \hline 55 \mathrm{~g} \\ \text { bag } \\ \hline \end{array}$ | 50g |  |
| Starburst | $45 \mathrm{~g}$ tube | 38g |  |
| Wine gums | 52 g | 40g |  |
| Polo mints | $\begin{array}{\|l\|} \hline 34 \mathrm{~g} \\ \text { tube } \\ \hline \end{array}$ | 33 g |  |
| Trebor extra strong mints | 48 g | 47g |  |


| Crisps / Nuts | Serving <br> Amount | Carbohydrate (g) <br> Per serv |  |
| :--- | :--- | :--- | :--- |
| Crisps | 25 g <br> bag | 15 g | 60 g |
| Trebor extra <br> strong mints | 48 g <br> tube | 47 g | 60 g |
| Doritos | 40 g <br> bag | 23 g | 58 g |
| Pringles | 40 g <br> tube | 21 g | 52 g |
| Tortila chips | 50 g | 30 g | 60 g |
| Pretzels | 50 g <br> bag | 39 g | 77 g |
| Twiglets | 25 g <br> bag | 15 g | 58 g |
| Bombay Mix | 25 g | 9 g | 35 g |
| Popcorn plain | 2 | 20 g | 50 g |
| handful |  |  |  |
| Papcorn | 100 g | 48 g | 48 g |
| Popcorn <br> sweet | 100 g | 55 g | 55 g |
|  |  |  |  |
| Peanuts | 50 g | 5 g | 10 g |
| Cashew nuts | 50 g | 10 g | 20 g |
| Dried fruit and <br> nuts | 25 g | 10 g | 40 g |
| Dried fruit, <br> nuts \& seeds | 25 g | 10 g | 40 g |
| Seeds | 25 g | Trace | Trace |
| Raisins | 14 g box | 10 g | 69 g |
| Olives | 3 | trace | trace |

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| Take aways | Serving | Carbohydrate <br> (g) |
| :---: | :---: | :---: |
| Mc Donalds |  |  |
| Hamburger | 1 | 30 g |
| Big Mac | 1 | 41 g |
| $1 / 4$ pounder with cheese | 1 | 37g |
| Chicken Mcnuggets | 4 | 13 g |
| French fries | Small | 30 g |
|  | Medium | 42g |
|  | Large | 60 g |
| Chicken sandwich | 1 | 56 g |
| Apple pie | 1 | 29 g |
| McFlurry ice cream | 1 | 52g |
| Double choc muffin | 1 | 57g |
| Milk shake | Small | 35 g |
|  | Medium | 70 g |
|  | large | 90 g |
| KFC |  |  |
| Chicken | 3 pieces | 23 g |
| Fries | Regular | 36 g |
| Burger King |  |  |
| Chicken Nuggets | 4 | 13 g |
| Chicken Wrap | 1 | 35 g |
| Whopper | 1 | 51 g |
| Veggie Burger | 1 | 83 g |
| French Fries | Small | 26 g |
|  | Medium | 39 g |
|  | Large | 50 g |
| Pizza Hut |  |  |
| Pan Pizza | 1 slice | 21 g |
| thin Italian | 1 slice | 25 g |
| Stuffed Crust | 1 slice | 34 g |
| Garlic Bread | 1 thin | 12 g |


| Take aways | Serving | Carbohydrate <br> (g) |
| :---: | :---: | :---: |
| Indian |  |  |
| Poppadom | 1 large | 5 g |
| Samosa | 160 g | 10 g |
| Onion Bhaji | 165 g | 15 g |
| Naan | Large | 70 g |
| Boiled Rice | 300 g | 90 g |
| Pilau Rice | 200 g | 60 g |
| Chana Dahl | 150 g | 20 g |
| Tikka Masala | 400 g | 10 g |
| Vindaloo | 400 g | 10 g |
| Biriani \& rice | 600 g | 100 g |
| Chinese |  |  |
| Prawn Crackers | 5 large | 10 g |
| Spring Roll | 1 | 10 g |
| Egg Fried Rice | 300 g | 90 g |
| Boiled Rice | 300 g | 90 g |
| Chow Mein | 400 g | 60g |
| Dim Sum | 6 | 30 g |
| Sushi | 4 | 32g |
| Fish Shop |  |  |
| Battered cod | Med/large | 20/25g |
| Scampi | 10 | 30 g |
| Chips | Small | 40 g |
|  | Medium | 80g |
|  | Large | 120 g |
| Mexican |  |  |
| Taco shell | 1 | 10 g |
| Chilli con carne |  | 15 g |
| Tortilla | Med | 25 g |
| Refried beans | 2 tbsp | 10 g |
| Donor kebab | standard | 30 g |

