

Food and Agriculture Organization of the United Nations

MYANMAR FOOD ATLAS: A user guide to aid food portion size estimation



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Introduction

The Myanmar food atlas is a series of photos displaying a variety of foods in standard serving sizes. The photos represent a range of foods customarily consumed by Myanmar people. The food atlas serves as a visual aid with food items in specific quantities or servings for exchange that is useful for meal planning and for fulfilling energy and nutrient requirement as well as special dietary needs of the individuals.

Various food composition tables and databases have been referenced and the Myanmar dietary habits have been considered in standardizing the weight and/ or volume of foods for developing this pictorial food guide to aid food portion size estimation. Food items are categorized into six food groups and each food group shares a similar nutrient value(s) of interest. A serving of food can be exchanged with another food serving from the same food group with an aim to promote dietary diversity and fulfill personal food preferences.

The Myanmar food atlas is easy to use. It is useful for consumers and health care professionals who have to devise diet plans and menu planning by interchanging foods within the same food group to allow more flexibility for people to follow healthy diets.

Features of the Myanmar food atlas

- Most commonly consumed foods from all regions of Myanmar are included.
- Serving sizes of foods are described by using commonly used household measures in Myanmar.
- Weighted foods are categorized into the standard six food groups.

Uses of the Myanmar food atlas

- An aid to educate and encourage consumers to choose or exchange food portions for improving dietary intakes and maintain healthy eating habits.
- An aid to design a meal plan that is individually tailored to meet specific energy and nutrient goals while considering personal preferences, ethnic, cultural and religious influences.
- An aid to estimate food and nutrient needs for the vulnerable population groups including children, pregnant and lactating women, elderly people, malnourished people, and people who are ill or immunocompromised and so on.
- An aid to estimate the quantity of food ingredients needed for any recipe and meal planning for healthy home and institutional catering, for example in nurseries, schools, hospitals and old age homes, and so on.
- An aid to offer flexibility in diet choices when following special diets, for example weight management, diabetes, cancer and cardiovascular diseases, and so on.
- An aid to improve the precision of estimating food intake in any dietary survey and food consumption survey in Myanmar.

Specification of household measures



Carbohydrate (grains and tubers)

1 carbohydrate serving is approximately equal to :



Bread, whole wheat 1 medium slice



1/2

Corn on the cob



Potato, boiled 2 medium-sized



Rice berry, steamed



Bread, white 1 medium slice



Fermented thin rice noodle



Potato, boiled (pieces)



Rice brown, steamed



Glutinuous rice, steamed



Potato, mashed

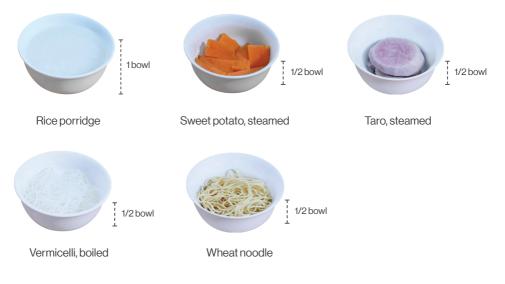


Rice white, steamed

Photos©WFP

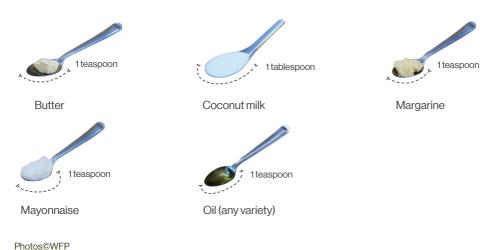
Carbohydrate (grains and tubers)

1 carbohydrate serving is approximately equal to :



Fats and oils

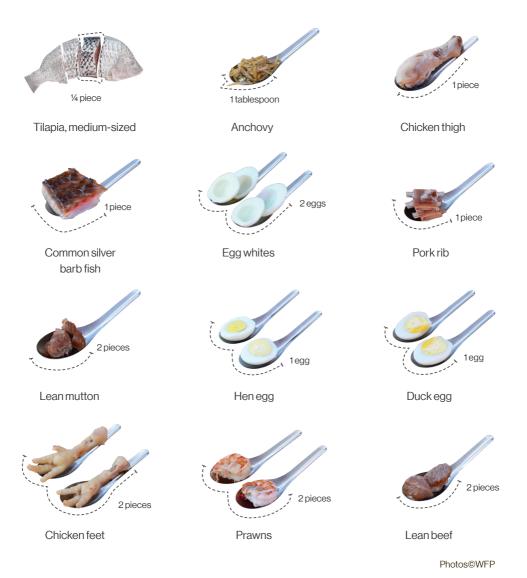
1 fat serving is approximately equal to:



Protein foods

Animal-based protein

1 animal-based protein serving is approximately equal to :



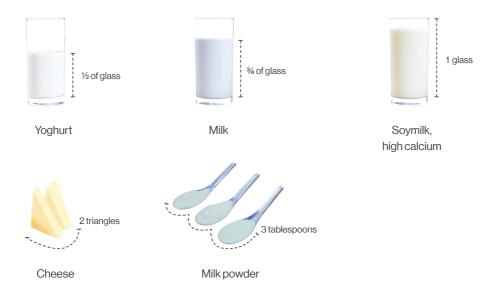
Animal-based protein

1 animal-based protein serving is approximately equal to :



Dairy and non-dairy products

1 dairy or non-dairy product serving is approximately equal to :



Plant-based protein

1 plant-based protein serving is approximately equal to :



Nuts and seeds

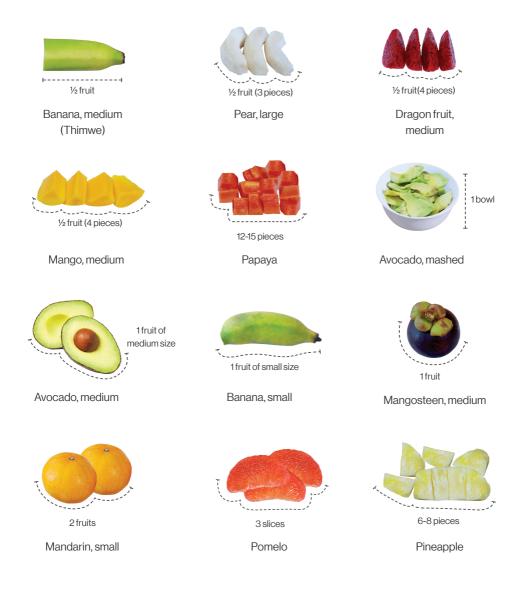
1 nuts and seeds serving is approximately equal to :



roasted

Fruits

1 fruit serving is approximately equal to:



Photos©WFP



6-8 pieces

Watermelon



Guava, medium



6-8 pieces

Grapes, red (seedless)



Grapes, green



mun

Apple, small



Melon, cantaloupe



1 fruit

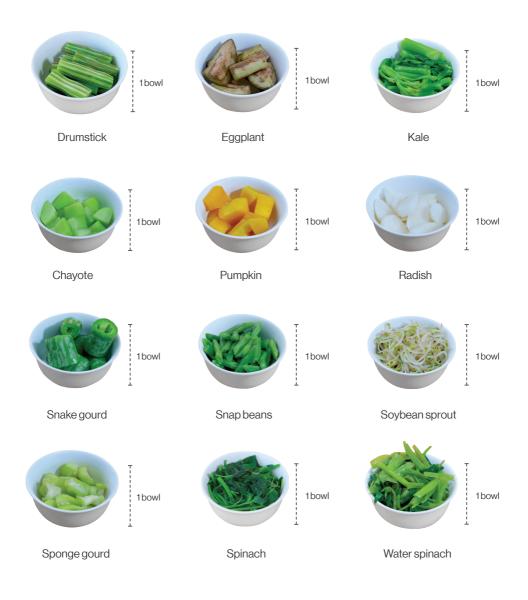
Sugar apple, small

Cooked vegetables

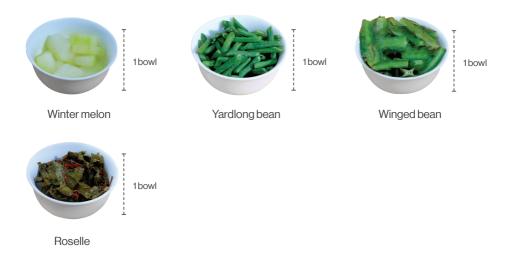
1 serving is approximately equal to 1 bowl of cooked vegetables.



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Raw vegetables

1 serving is approximately equal to 2 bowls of raw vegetables.



How to make the savory foods tasty with less added salt?

Use herbs and spices to enhance the flavor of foods in place of salt, seasonings and sodium containing condiments for food preparation.



Start to reduce lots of salt and sugar added to your foods and drinks



Salt

According to the World Health Organization, the recommended salt intake is approximately only one teaspoon per day. If other sodium containing condiments and seasonings are preferred, added salt should be further reduced to less than one teaspoon. Iodized salt is recommended to use to meet daily iodine requirements.

Sugar

The recommended maximum intake of added sugars should be between 5 to 10 teaspoon per day (approximately 9 teaspoons for men and 6 teaspoons for women).

Photos©WFP

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