



Food and Agriculture
Organization of the
United Nations



TUVALU
Central Statistics Division



Pacific
Community
Communauté
du Pacifique

TUVALU

FOOD SECURITY PROFILE

DEMOGRAPHICS

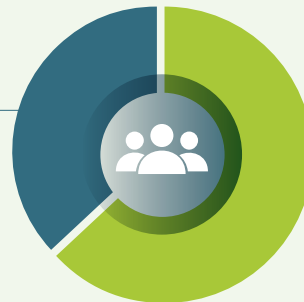


10 645

Population (2017)

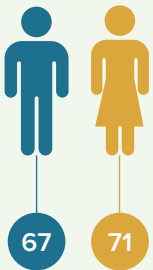
37% Rural population

Outer islands
3 929



Funafuti
6 716

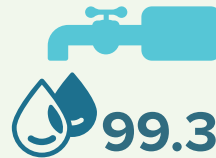
Life expectancy



Crude birth rate (2018): **24.8**

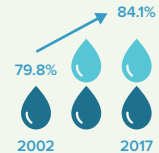


Under five-years-old
mortality rate: **24 per
1 000 live births**



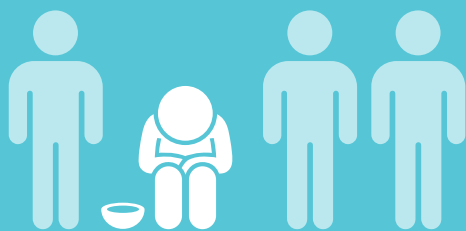
99.3%

of population have
access to basic drinking
water services (2017)



improved access to
**basic sanitation
services**

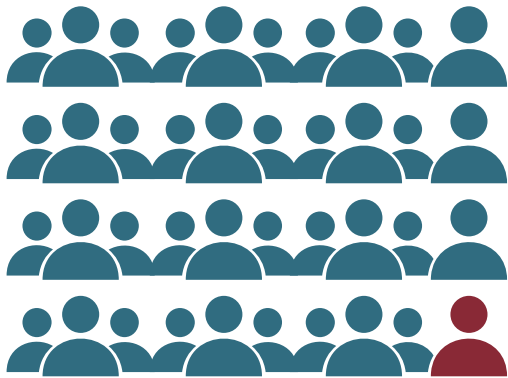
TOWARDS ACHIEVING FOOD SECURITY AND ENDING POVERTY



26.3%

of people live below the national poverty line (2010)

OVERNUTRITION RATHER THAN UNDERNOURISHMENT IS A REAL ISSUE IN TUVALU



ONE PERSON IN 40 IS UNDERNOURISHED IN TUVALU

Children under five years old

3.3%

WASTING (2007)
(low weight for height)

9.7%

STUNTING (2020)
(low height for age)

6.4%

OVERWEIGHT (2020)
(high weight for height)

18 years and older



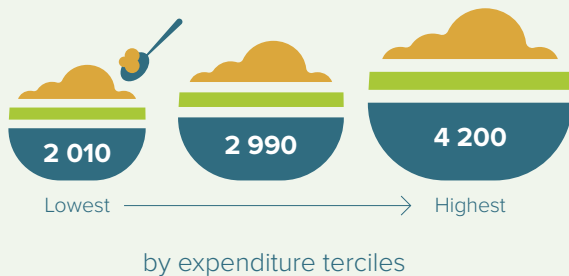
51%

PREVALENCE OF OBESITY IN ADULT POPULATION (2016)

Source: Child malnutrition, adult obesity and access to safe source of drinking water and sanitation from FAO, FAOSTAT 2021 Food security indicators; Population and prevalence of undernourishment from the 2015 Tuvalu Household Income and Expenditure Survey

ANALYSIS OF FOOD CONSUMPTION PATTERNS IN TUVALU^{1,2}

Average dietary energy consumption
National 2 800 kcal/capita/day



Richer households consume on average twice more dietary energy than poor households

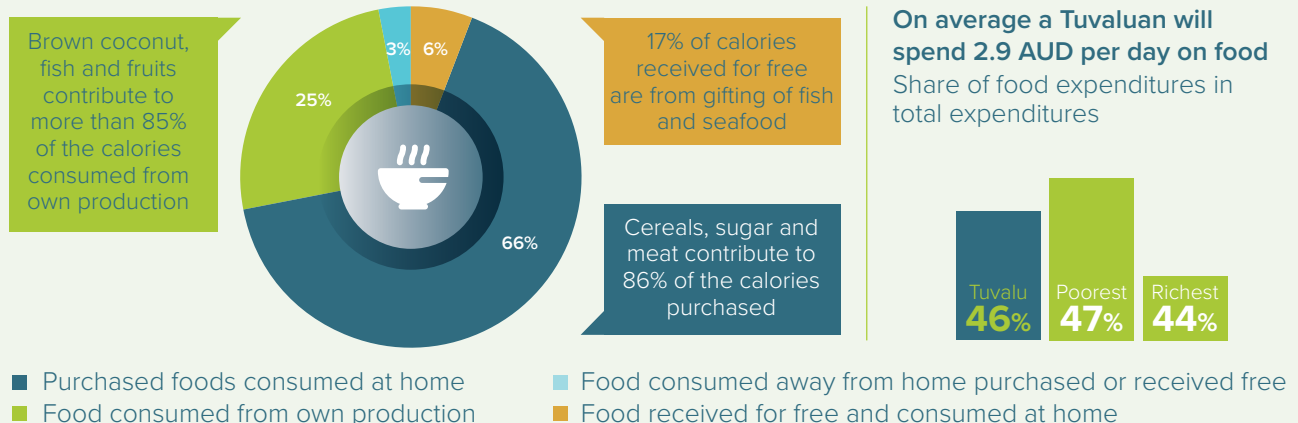
Average cost to acquire 1 000 kcal

Average dietary energy unit value
(Tuvalu (AUD)/1 000 kcal)

Tuvalu	AUD 1.2
First tercile of expenditures	AUD 1.0
Second tercile of expenditures	AUD 1.2
Third tercile of expenditures	AUD 1.6

Poor households access less expensive, but more energy dense, food as they spend half less to acquire 1 000 kcal

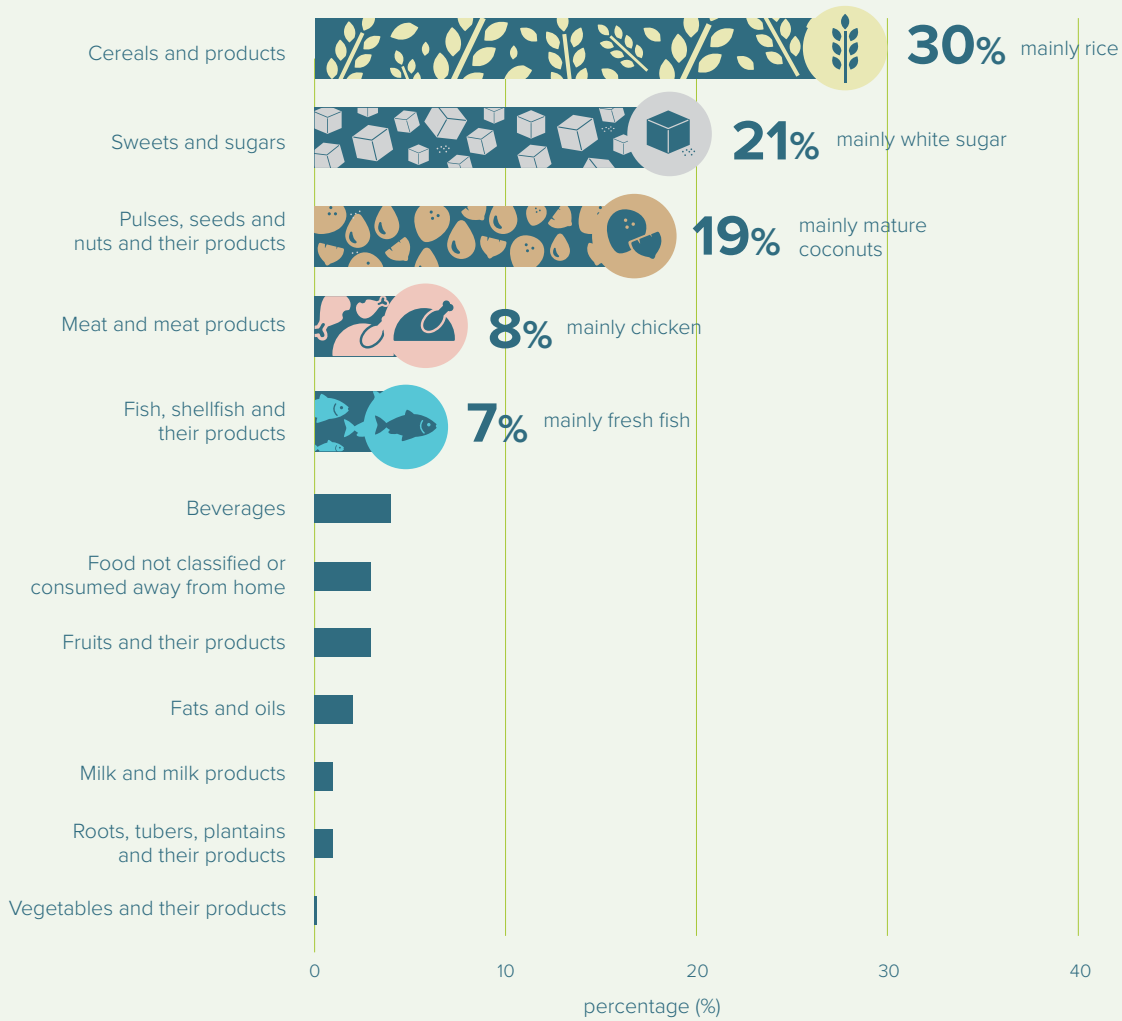
Contribution of each source of acquisition to total dietary energy consumed (DEC)




¹ Estimates refer to apparent consumption and are based on food quantities (edible amounts) available for consumption by the household, not on *actual intake of the individuals*.

² Based on the results of the analysis of the food data collected in the 2015 Household Income and Expenditure Survey of Tuvalu using ADePT-FSM. The analysis was performed by FAO in collaboration with Tuvalu National Statistics Oce (NSO) and the Pacific Community (SPC). SPC was funded by the Australian Government through ACIAR project FIS/2018/155.

Percentage of food consumption by (kcal/capita) food groups



Consumption of fruits and vegetables



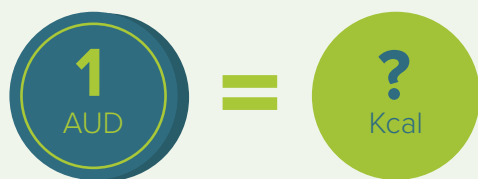
CONSUMED IN TUVALU
100 grams
per capita per day

VS



RECOMMENDED BY WHO
FOR A HEALTHY DIET
400 grams
per capita per day

Number of kcal that we can buy with 1 AUD

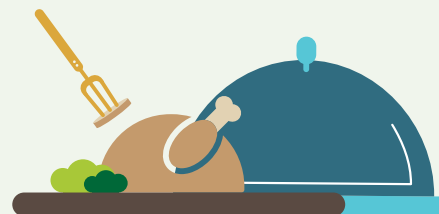


Sugars and syrups	2 472
Cereals and products	1 945
Vegetable oils and fats	1 426
Fruits and products	607
Fish and fish products	360
Milk and cheese	352
Meat (including canned, processed etc.)	333
Vegetables and products	117

More than

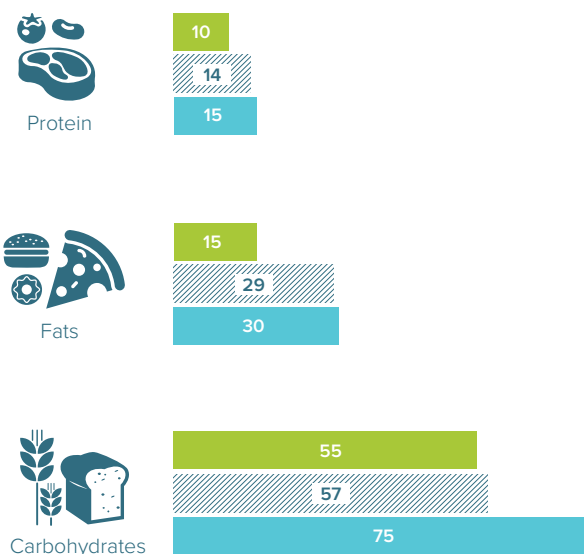
60%

of the protein consumed is from animal origin



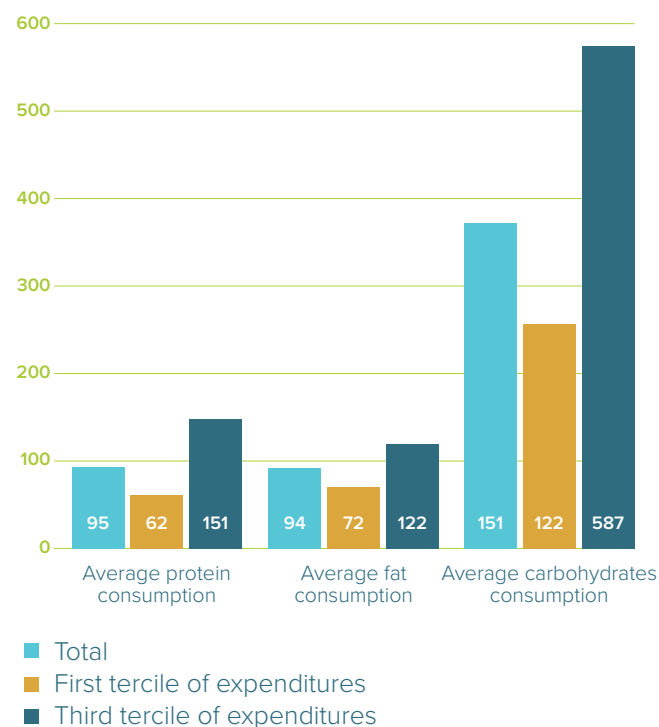
But contribution of proteins from animal origin is higher for richer households

Nutrient contribution to dietary energy consumption (%)



- Lower limit WHO
- Tuvalu
- Upper limit WHO

Quantity of proteins, fats and carbohydrates (g/capita/day)



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