

## What makes countries having longer life expectancy than others?

### Relation between life expectancy and food / capita

The **correlation coefficient** between life expectancy and the different food categories is shown in the table below:

Food category (code)	Food category (description)	Coefficient correlation with life expectancy
2949	Eggs	0.73
2943	Meat	0.70
2948	Milk - Excluding Butter	0.56
2909	Sugar & Sweeteners	0.54
2946	Animal fats	0.50
2922	Stimulants	0.48
2907	Starchy Roots	-0.42
2914	Vegetable Oils	0.41
2924	Alcoholic Beverages	0.40
2918	Vegetables	0.38
2960	Fish, Seafood	0.34
2912	Treenuts	0.34
2911	Pulses	-0.33
2919	Fruits - Excluding Wine	0.30
2905	Cereals - Excluding Beer	-0.16
2945	Offals	0.16
2913	Oilcrops	-0.06
2923	Spices	0.05

More comments: Amongst all food categories, we can see that higher quantity of Eggs and Meat is linked to a longer life expectancy. It seems there is also a positive correlation with other type of aliments, like Milk or Sugar & Sweeteners but with less evidence.