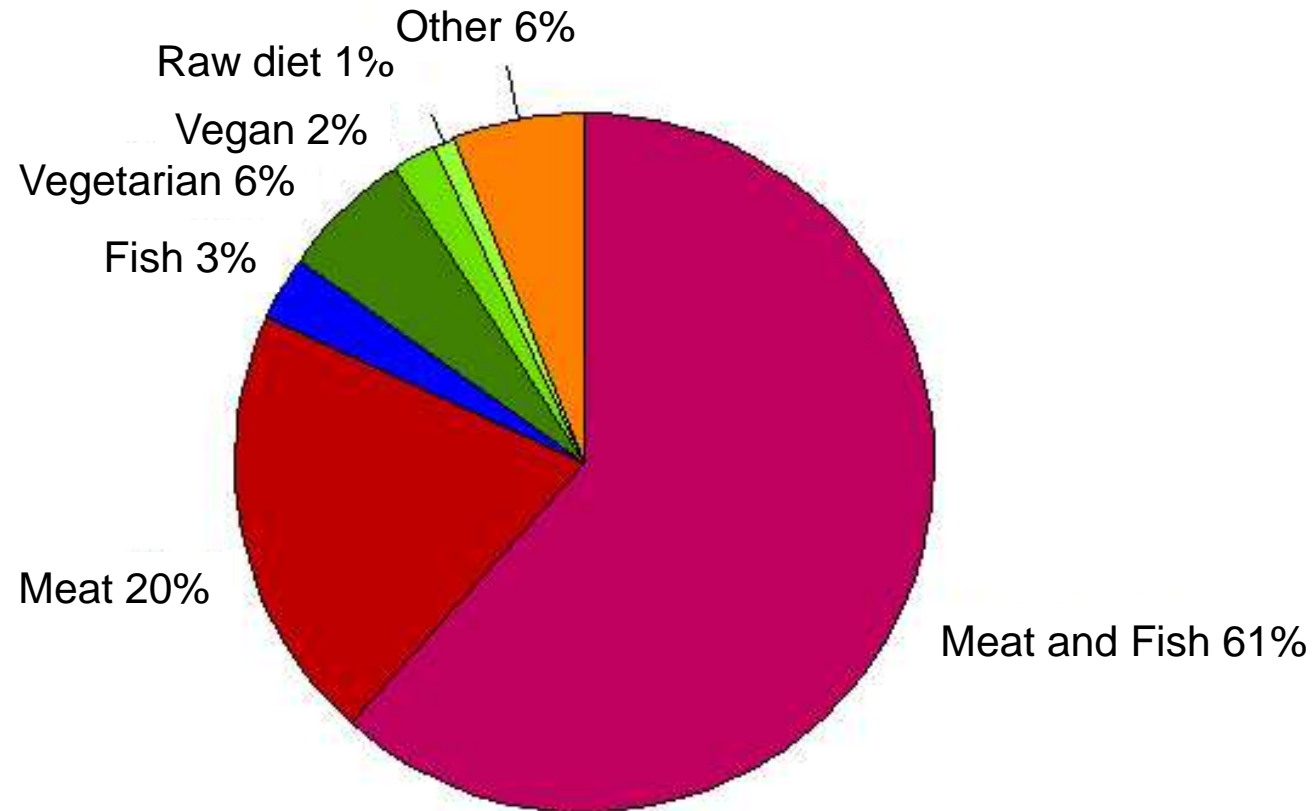


Eco-systems of agricultural landscapes and sustainable land use: Livestock systems

01 – Introduction - 4 Livestock and Consumer Demands



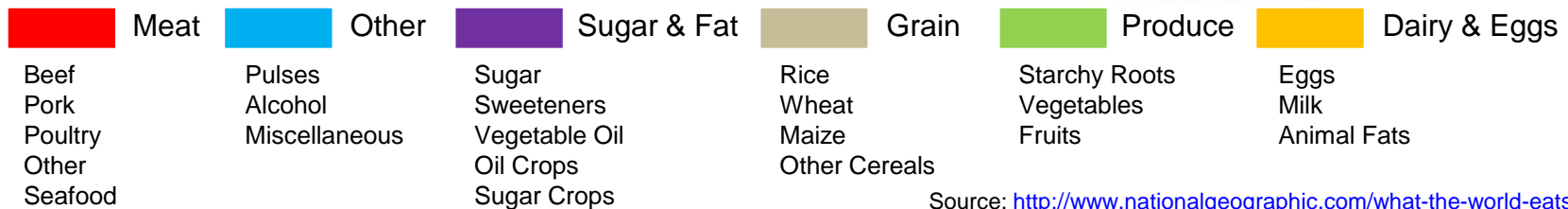
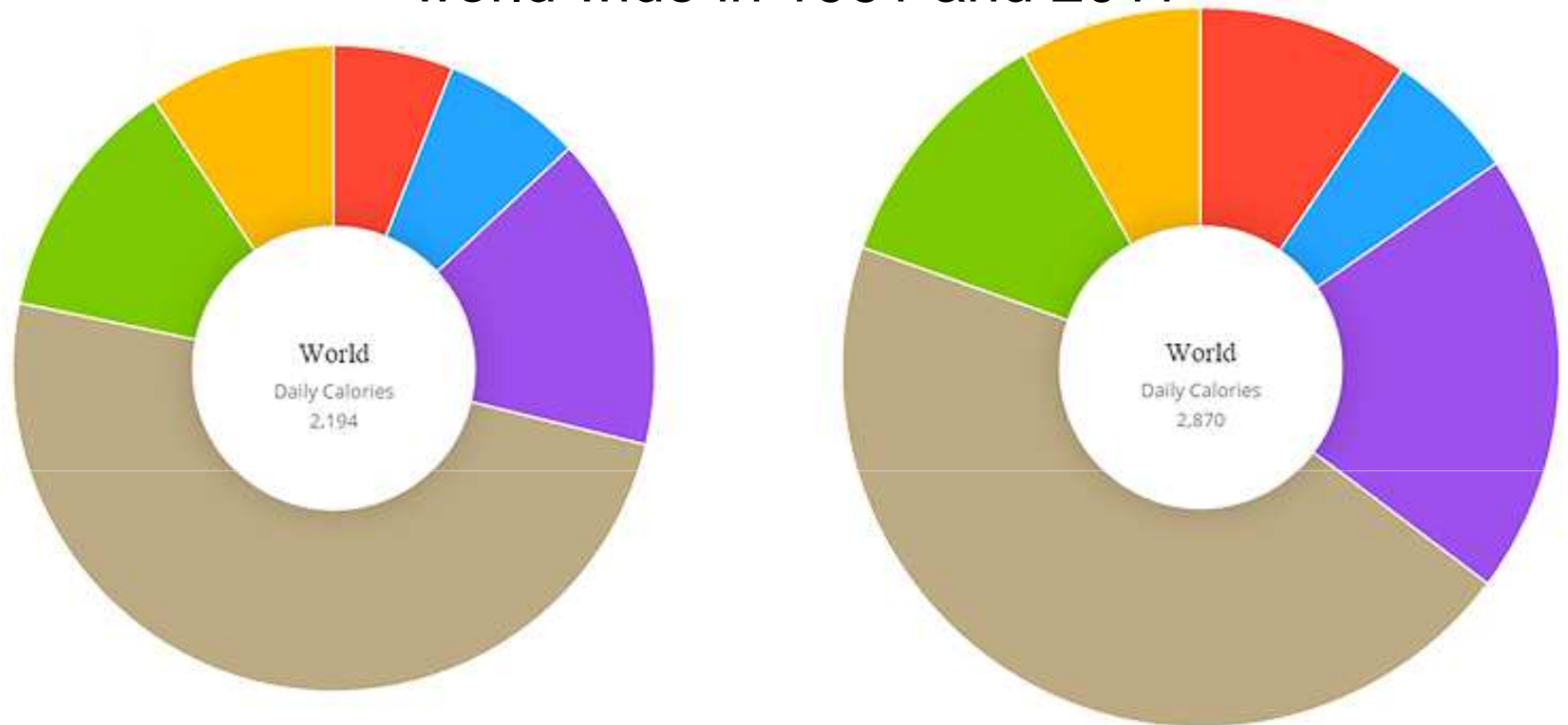
Eating preference types [% of population] in Germany 2015



Source: Der Tagesspiegel 11.08.2015



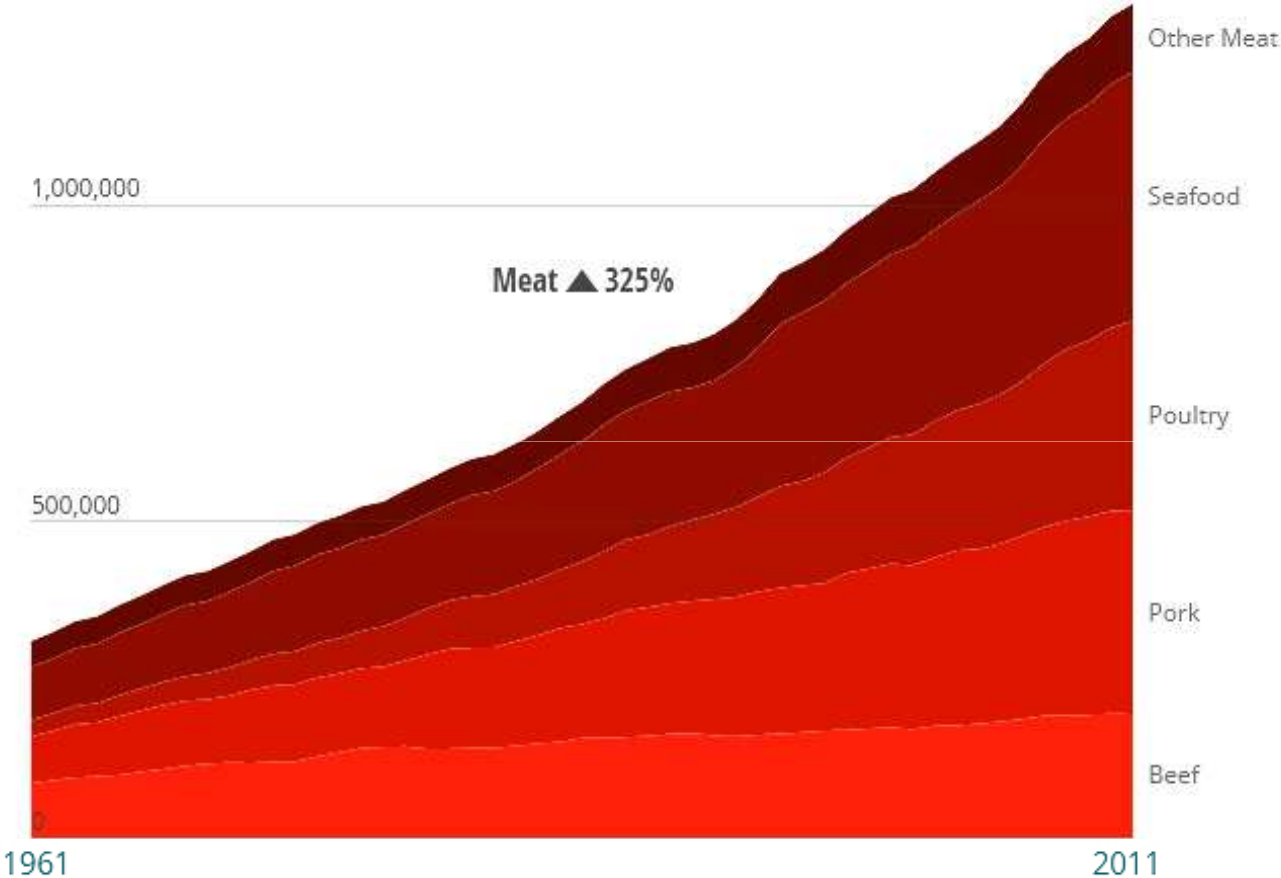
Major components of human food intake [cal/person/day] world wide in 1961 and 2011



Source: <http://www.nationalgeographic.com/what-the-world-eats/>



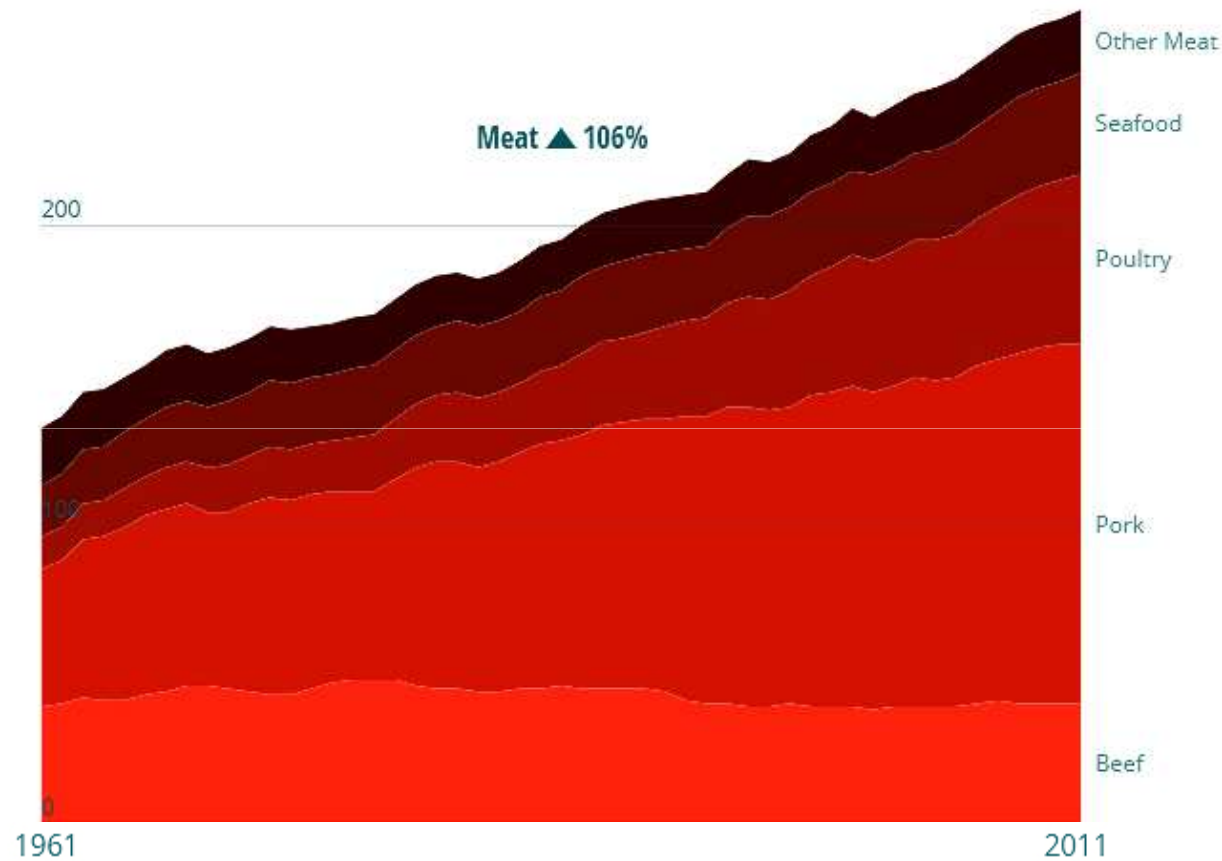
Total global meat consumption [metric tons/year] between 1961 and 2011



Source: <http://www.nationalgeographic.com/what-the-world-eats/>



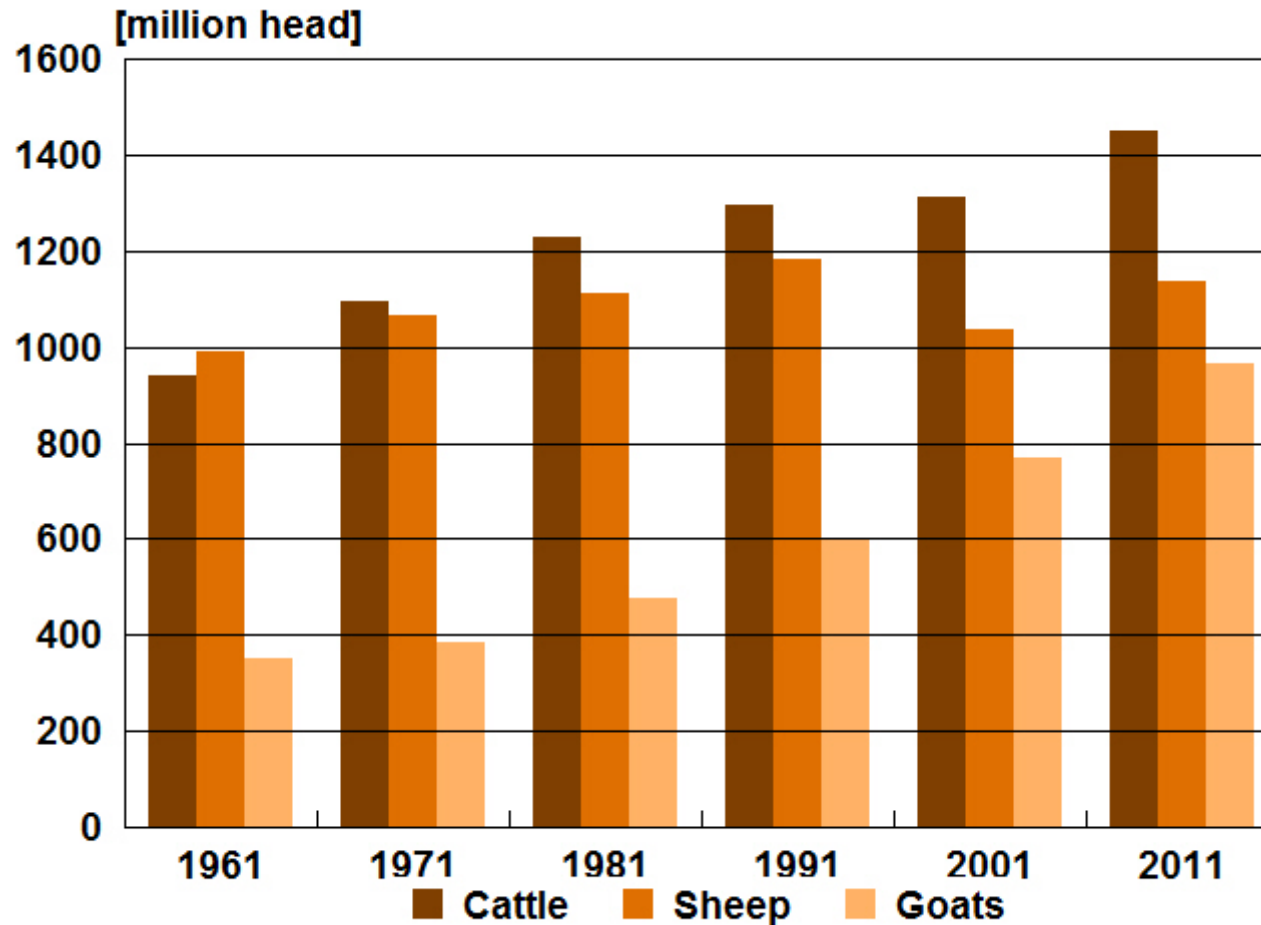
Average daily meat consumption [cal/person/day] between 1961 and 2011



Source: <http://www.nationalgeographic.com/what-the-world-eats/>



Development of global numbers of Cattle, Sheep and Goats between 1961 and 2011

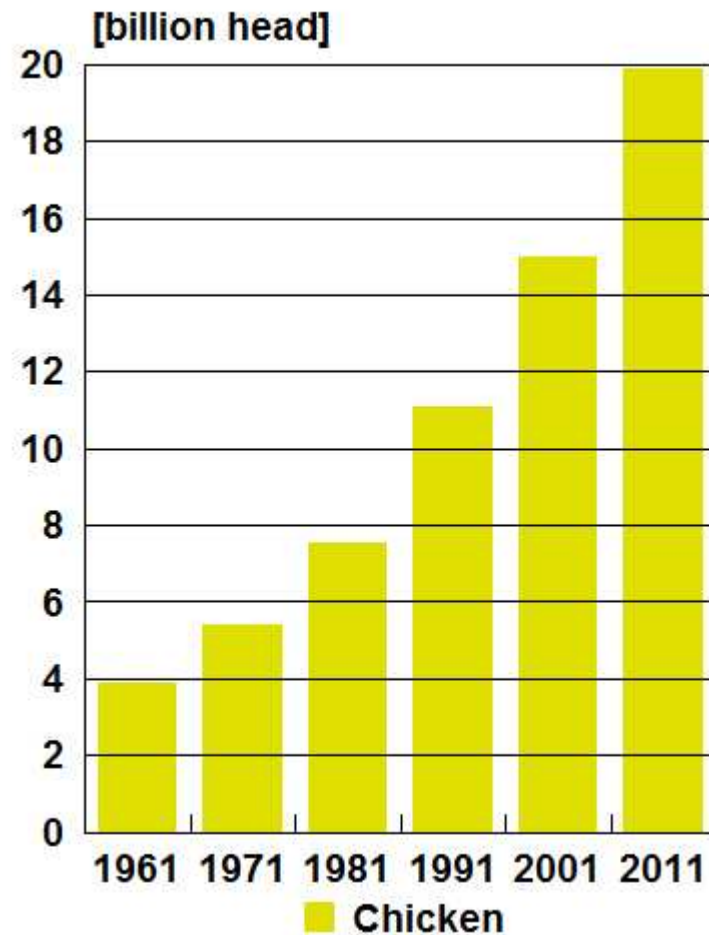
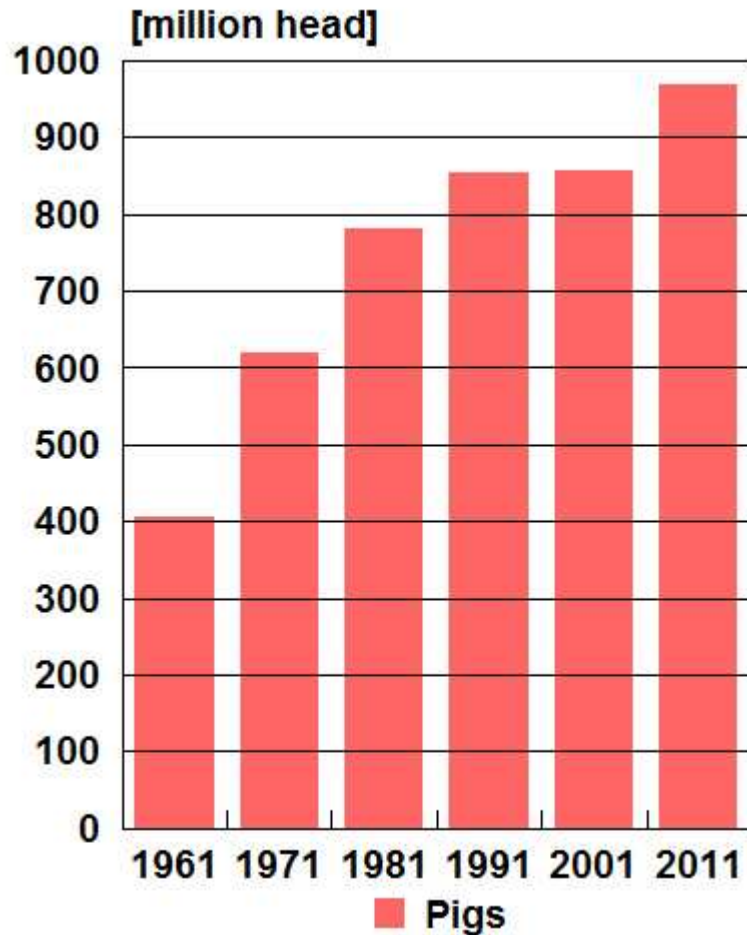


Source: http://faostat3.fao.org/download/FB/*E





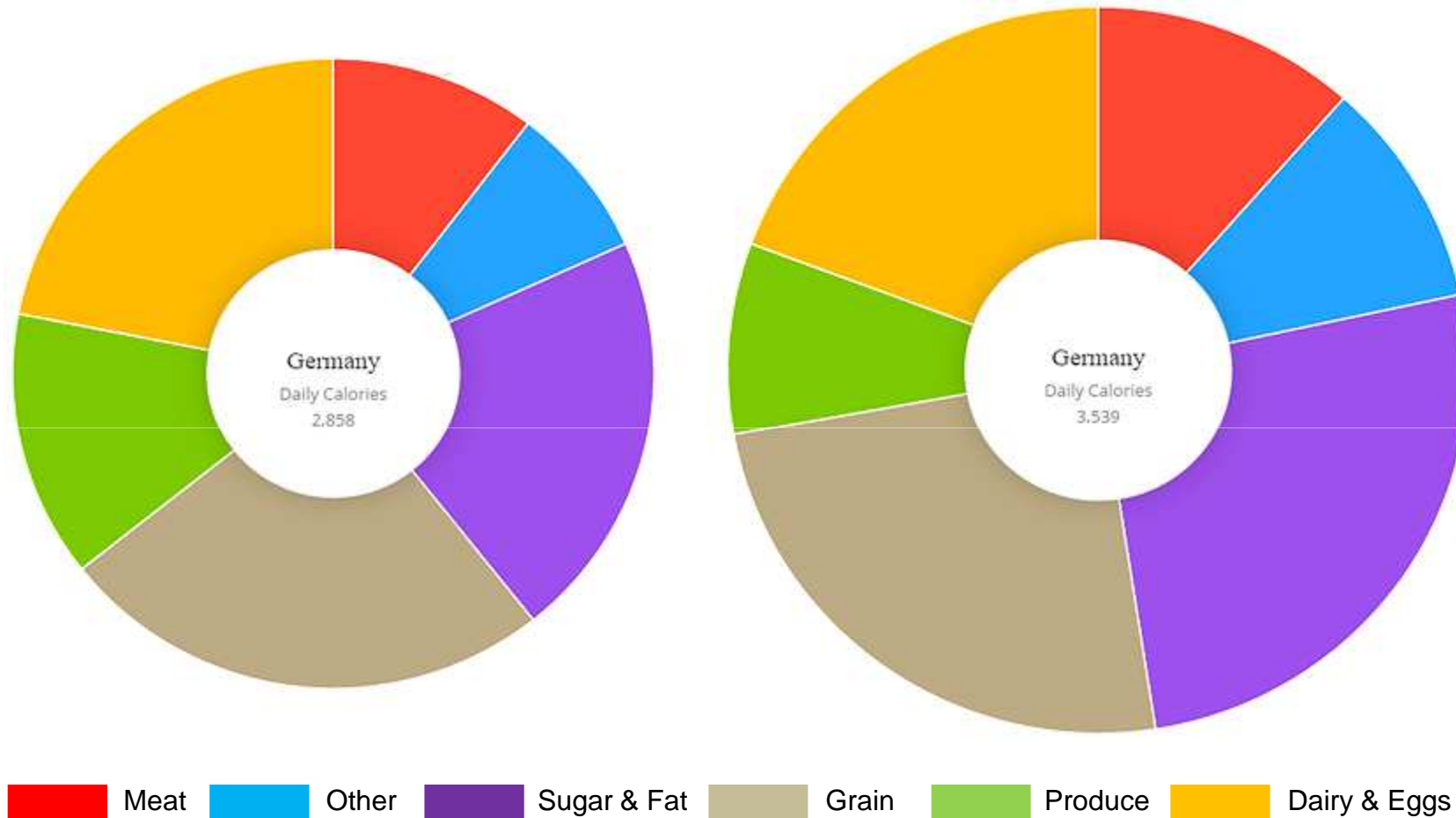
Development of global numbers of Pigs and Chicken between 1961 and 2011







Major components of human food intake [cal/person/day] in Germany in 1961 and 2011

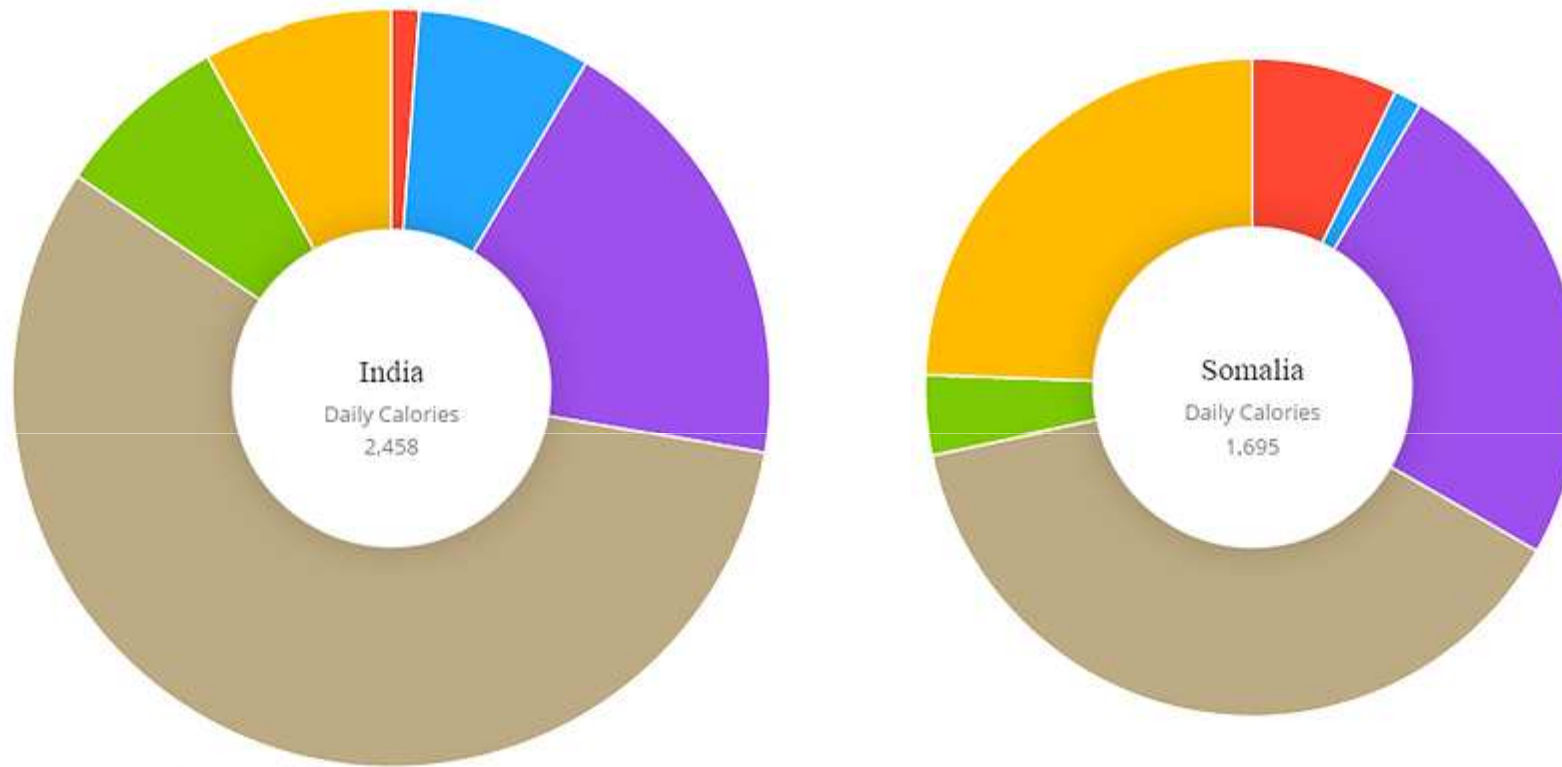


Source: <http://www.nationalgeographic.com/what-the-world-eats/>



Major components of human food intake [cal/person/day] in **India** and **Somalia** during 2011

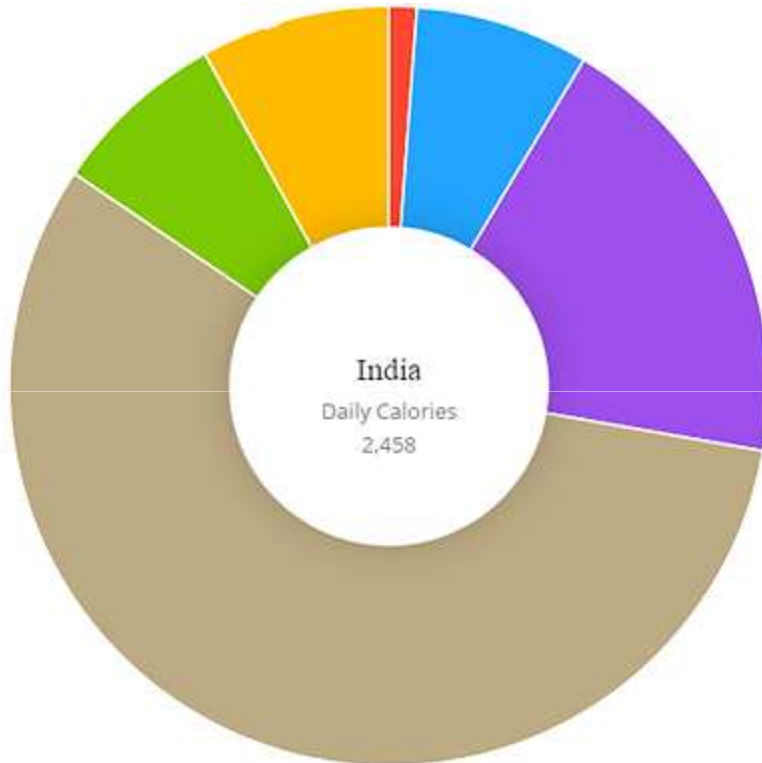
Source: <http://www.nationalgeographic.com/what-the-world-eats/>



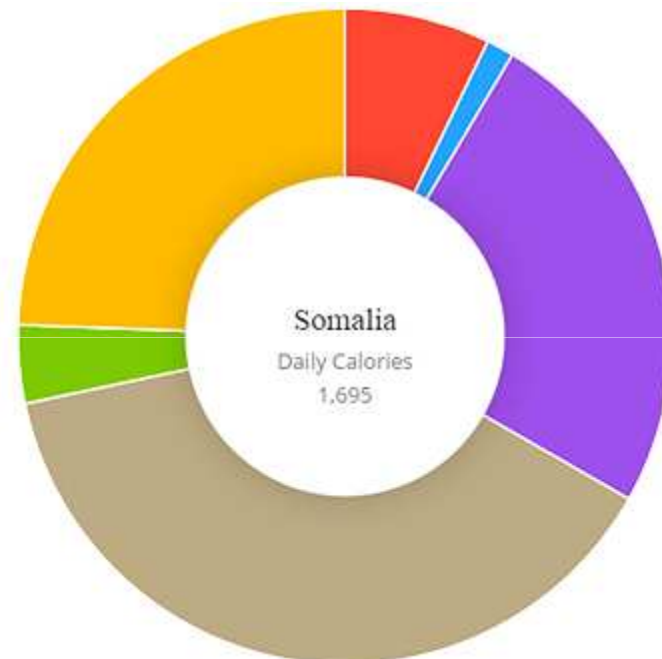
Meat Other Sugar & Fat Grain Produce Dairy & Eggs



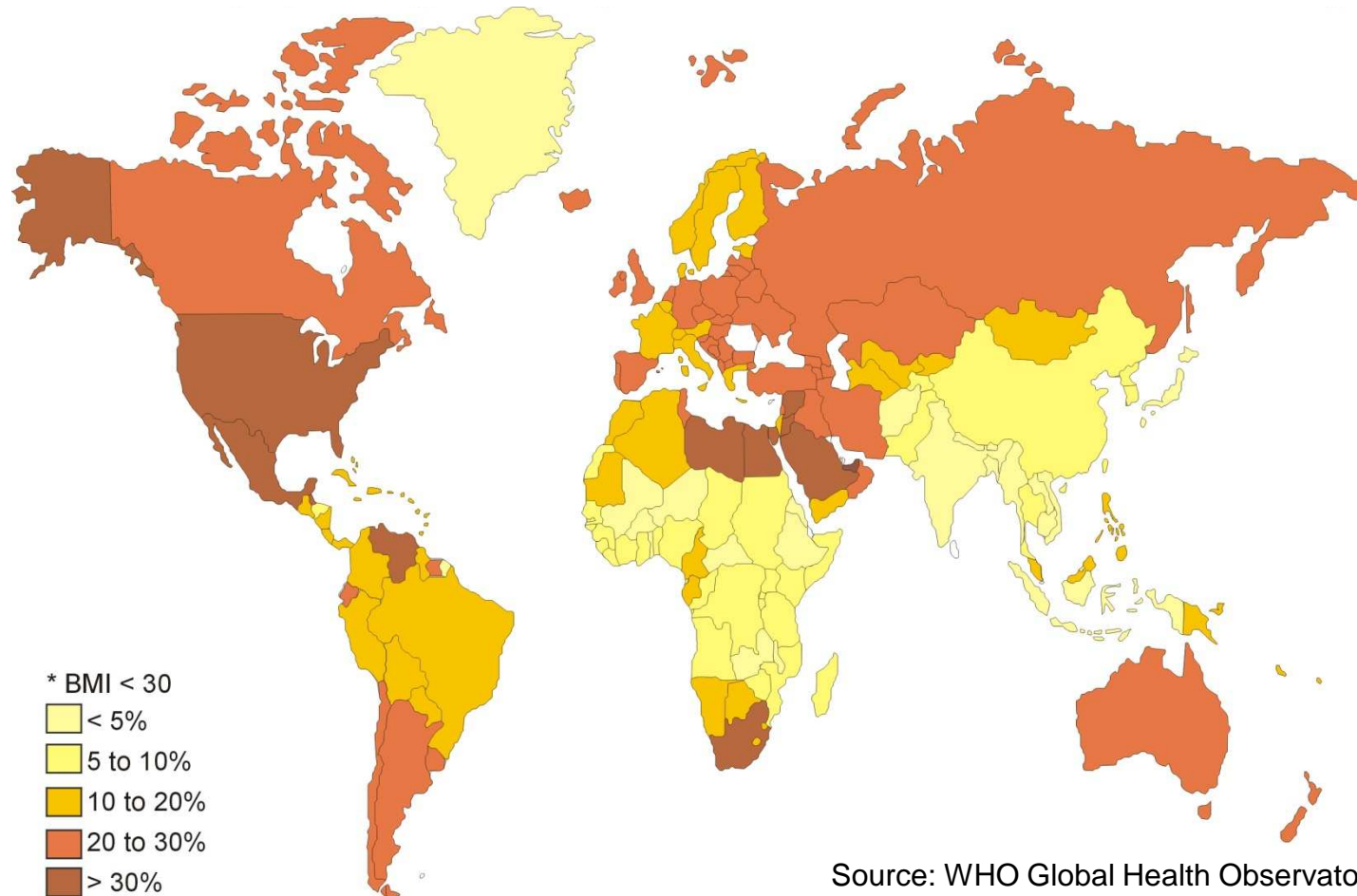
India - a vegetarian country



Somalia - a pastoralist society



Where the fat people live



Source: WHO Global Health Observatory



Livestock: fact or prejudice?

Humans and livestock lived in ecological harmony for 10 000 years

Livestock compete with humans for food and water

Livestock are necessary for human survival

Livestock are causing the spread of deserts

Animal proteins are essential for human health and survival

Livestock contribute significantly to climate change

Livestock facilitate exploitation of otherwise unusable marginal lands

Livestock diminish and contaminate water sources

Livestock diversify and stabilise crop farming

Livestock threaten biodiversity

Livestock provide environmentally friendly draft power

Livestock pose public health risks

Livestock are beautiful

