#### HAZARD VS. RISK



# HAZARD is the potential to cause harm



when crossing a road, cars are a hazard

## **RISK** is the likelihood of harm taking place



when crossing a highway, the risk of an accident is **high** 



when crossing a country road the risk of an accident is **low** 

#### HAZARD in foods can be:



physical for instance pieces of bones in fish products

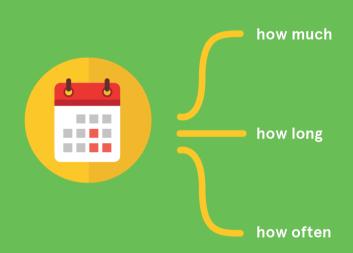


biological for instance harmful bacteria, viruses or parasites



chemical for instance mercury in fish or acrylamide in starchy food

### RISK is determined by the exposure...



...to a hazard

#### Example: Salmonella in egg is a hazard



if eaten raw

the chance of exposure is high



the **risk** of food poisoning is **high** 



correct food handling for instance **cooking thoroughly** kills Salmonella bacteria

the chance of exposure is low

the **risk** of food poisoning is **low**