HAZARD VS. RISK

HAZARD
is the potential to cause harm

when crossing a road, cars are a hazard

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 the likelihood of harm taking place

is determined by the exposure...

how much
how long
how often

...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

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