

# Malformations in Atlantic salmon

## -Experiences from Rogaland and Hordaland in Norway

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# Hatchery



**Eyed  
eggs**



**Vaccination**

**Sampling at  
0,5-1 kg**

**Skeletal  
malformations, time  
for observation**

# Sea Site

**Smolt**



**5 kg**

**Slaughtery**



Main impression: very low prevalences of malformations in Atlantic salmon during the last years

Exceptions: downgrading of malformations during vaccination gives rise to concern. We only register the tip of the iceberg



Down-  
Graded  
During  
Vaccination  
February –  
March 2009



Sampling at 0,5-1 kg at sea sites: low prevalences

Customers complaints from fillet industry



