

Aquaculture in Canada



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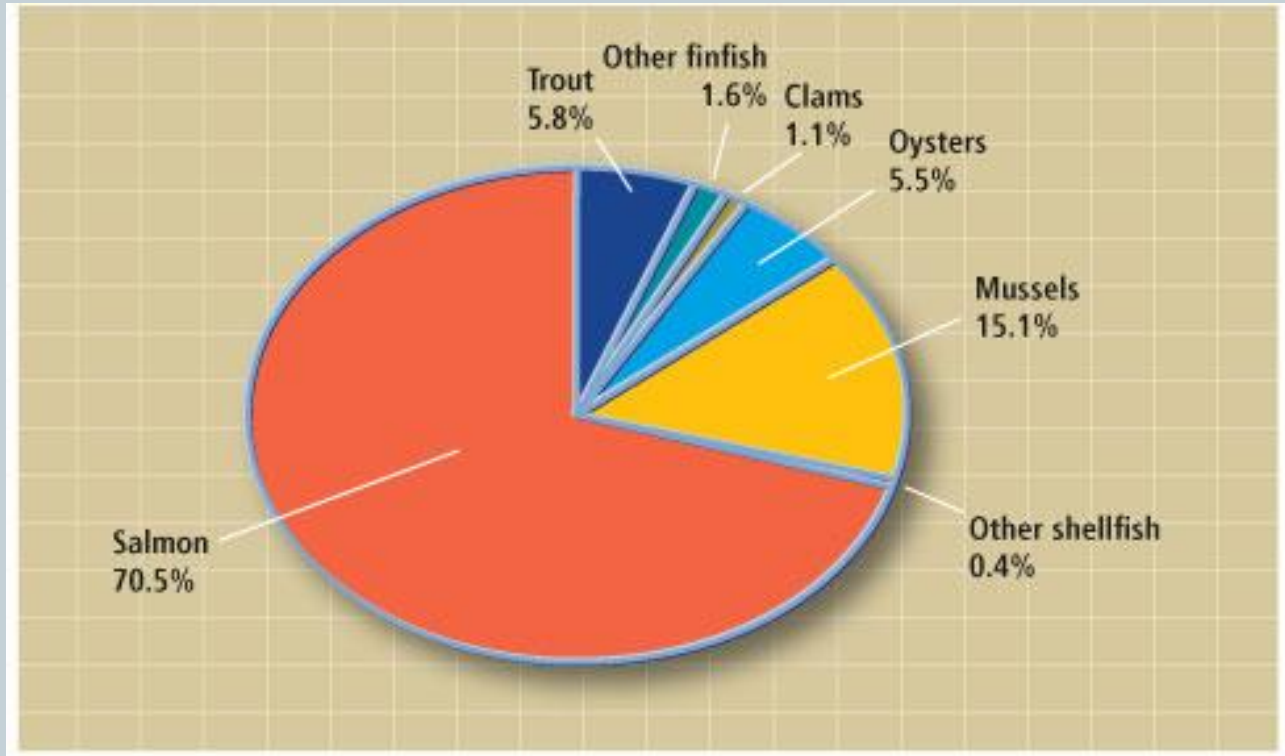
Canada



- Northern part of North America
- Capital city: Ottawa
- Area: 9,984,670 km²
- Water area: 8.9 %
- Population: over 35 million
- Aquaculture production: 162,213 tonnes
- Total value: over 800 mil. \$

Aquaculture

- Output of species (2009):



- Over 85 % of production goes to export
- Other species – Sablefish, Atlantic Cod, Scallops, Tilapia, Halibut

Aquaculture of mussels



- Primary farmed mussel is the Blue mussel



- In Atlantic Canada, larvae are usually collected in the wild. In British Columbia, all mussel larvae come from hatchery broodstock.

Aquaculture of mussels



- Once the larvae begin to develop into mature mussels, they are placed into lengths of mesh sleeves called socks.
- The socks are then attached to a rope that is suspended from an anchored buoy in deep subtidal water
- The mussels remain within the sock until they reach market size – which takes 18 months to 3 years.



Problems



- Main aquaculture product – Atlantic salmon
 - Decline of price on global market
 - Highly dependent on USA – main export area
- Environmental issues from net pen farming



References



- <http://www.aquaculture.ca/>
- <http://www.parl.gc.ca/Content/LOP/ResearchPublications/2013-12-e.htm#a4>
- <http://www.dfo-mpo.gc.ca/aquaculture/ref/stats/aqua-ff-fc-2009-eng.htm#ch1>
- <http://www.worldatlas.com/webimage/countrys/namerica/ca.htm>

Thank you for attention



I agree that this presentation will be publish on the website of CULS for educational purpose