



Fisheries and Oceans
Canada

Pêches et Océans
Canada

Facts and Figures

AQUACULTURE

in Canada

■ **Aquaculture is the fastest growing food production activity in the world (UN FAO)**

■ **Aquaculture produces about 50% of global aquatic food production**

■ **Canada ranks 26th in world aquaculture in terms of production and 20th in terms of the value of the production**

■ **Canada is the 4th largest salmon producing country after Norway, Chile, and the UK**

■ **Canadian aquaculture accounts for 14% of total seafood production (volume) and 35% of its value**

■ **Canadian production has increased four-fold in the past 20 years**

■ **The total economic or gross value generated by aquaculture is \$2.1 billion**

■ **The aquaculture industry generates over \$1.0 billion in GDP**

■ **The aquaculture industry provides 14,500 full-time jobs**

■ **The aquaculture industry provides just over half a billion dollars in labour income**



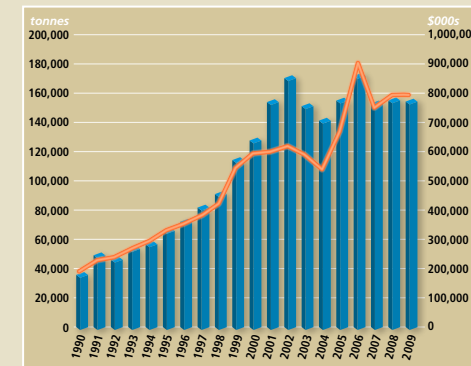
Canada

Did you know...

Aquaculture Production and Value in Canada (1990-2009)

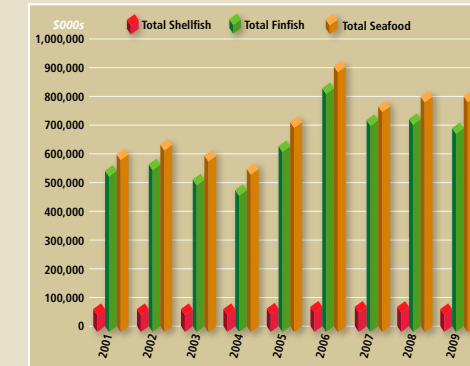
In 2009, Canadian farmed seafood was valued at \$800M (155,000 tonnes). Canada exported 69% of its grown seafood, of which 97% was to the United States.

Aquaculture Production in Canada (1990-2009)



Source: Statistics Canada

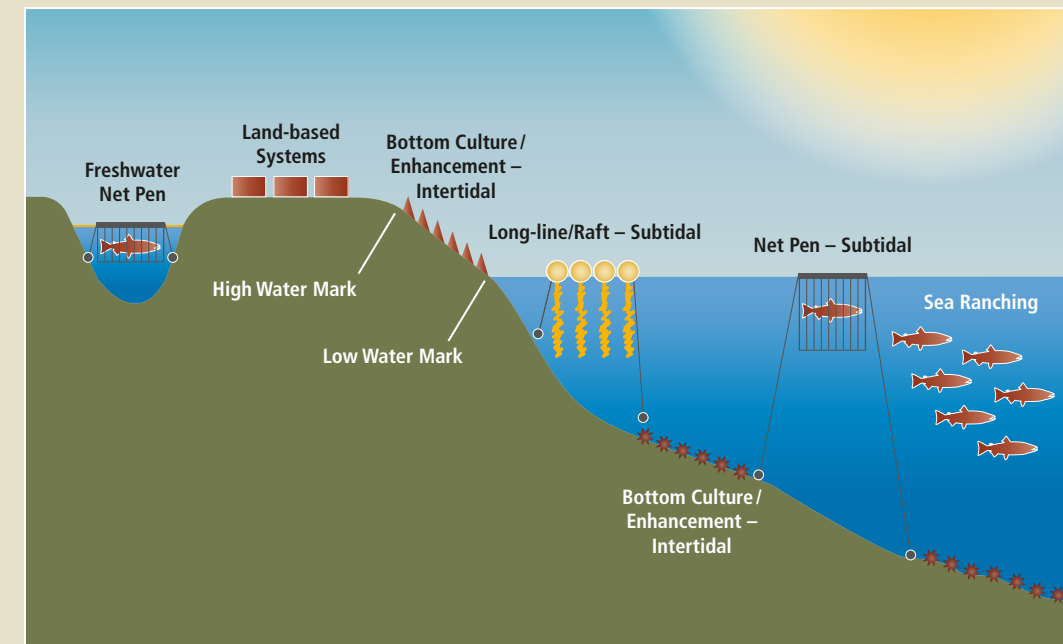
Total Value (2001-2009)



Source: Statistics Canada

Principal Commercial Aquaculture Operations

The scope of aquaculture operations vary across the country depending upon the species being farmed, the environment (marine, freshwater) and the culture technologies being used (land based, water based).



Aquaculture Species in Canada

Aquaculture occurs in all provinces and in the Yukon Territory. Several marine finfish and shellfish species are well established on the east and west coasts, while freshwater trout (mainly rainbow) operations are found in almost every province.

	Finfish	Shellfish	Plant
Newfoundland and Labrador	Atlantic Salmon Steelhead Trout Cod	Mussels Clams	
Nova Scotia	Atlantic Salmon Arctic Char Halibut Steelhead Trout Rainbow Trout Tilapia	Eastern Oysters Blue Mussels Clams Quahogs Abalone	
Prince Edward Island	Rainbow Trout Arctic Char	Blue Mussels Eastern Oysters	
New Brunswick	Atlantic Salmon Rainbow Trout Steelhead Trout Cod Halibut	Eastern Oysters Blue Mussels	Seaweed
Québec	Arctic Char Rainbow Trout Brook Trout Speckled Trout	Eastern Oysters Blue Mussels Sea Scallops	
Ontario	Rainbow Trout Arctic Char Tilapia Sturgeon		
Manitoba	Rainbow Trout Arctic Char		
Saskatchewan	Rainbow Trout Steelhead Trout		
Alberta	Rainbow Trout Tilapia		
British Columbia	Atlantic Salmon Chinook Salmon Coho Salmon Sturgeon Rainbow Trout Tilapia Sablefish	Pacific Oysters Manila Clams Varnish/Savory Clams Blue Mussels Mediterranean Mussels Japanese Scallops	Seaweed
Yukon	Arctic Char		
Northwest Territories	Arctic Char		

Source: Canadian Aquaculture Industry Alliance

Economic and Employment Contributions to Canada

The total economic activity generated from aquaculture in Canada in 2007 was \$2.1 billion dollars. Aquaculture creates thousands of jobs and millions of dollars in income, providing substantial socio-economic contribution to many coastal and rural communities where aquaculture takes place.

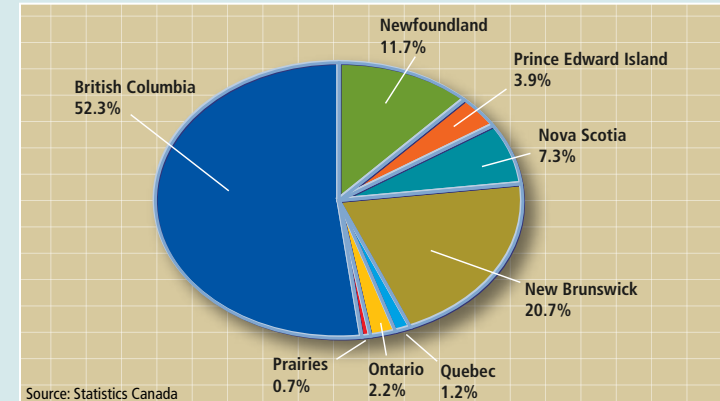
Economic Indicator	Newfoundland and Labrador	Nova Scotia	Prince Edward Island	New Brunswick	Québec	Ontario	British Columbia	Canada
GDP (\$000s)								
Direct	20,000	22,800	42,800	69,100	8,200	7,480	151,100	321,480
Indirect	8,400	10,600	6,400	47,200	2,500	4,080	167,900	450,400
Induced	6,200	8,500	10,400	30,800	3,700	4,250	106,300	233,300
Total	34,600	41,900	59,600	147,100	14,400	15,810	425,300	1,005,180
Employment (FTE)								
Direct	215	380	790	1,100	80	110	2,220	4,895
Indirect	120	170	125	790	35	55	2,330	6,400
Induced	70	120	250	530	45	51	1,410	3,200
Total	405	670	1,165	2,420	160	216	5,960	14,495
Income (\$000s)								
Direct	6,200	12,200	22,000	32,700	2,600	2,720	78,400	156,820
Indirect	4,900	6,400	2,900	28,300	1,200	2,040	95,100	241,200
Induced	2,200	4,800	6,400	16,800	1,230	1,530	50,400	107,900
Total	13,300	23,400	31,300	77,800	5,030	6,290	223,900	505,920

Source: DFO

Production by Province and Major Species

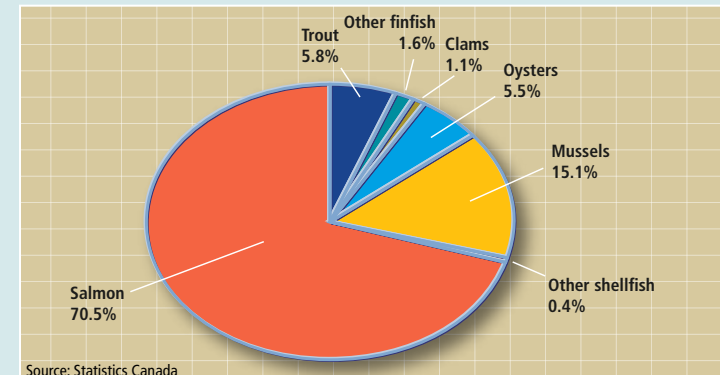
The quantity and value of national output is divided about equally between the Pacific and Atlantic coasts, though British Columbia leads all other provinces, accounting for about 50% of total production value followed by New Brunswick (21%) and Newfoundland (12%).

Output by Province, 2009 — \$800 million



Source: Statistics Canada

Output by Species, 2009 — 155,000 tonnes



Source: Statistics Canada