

HUNGARIAN FISHERIES AND AQUACULTURE



DEBRECENI
EGYETEM

LOCATION

- Hungary is a country in the middle of Europe
- Member of the EU
- The population is about 10 million citizen
- The capital of the country is Budapest





FISHERIES SECTOR

1. Hungary is an important player in Europe's fish production due to its hydrographical conditions and fishing traditions.
2. Commercial fishery in Hungary's natural waters has recently decreased in comparison to recreational fishery.
3. Hungarian fish production is characterized by extensive pond fish production and geothermal water supplied intensive fish production.
4. Carp is the most widespread fish in pond fish production, while African catfish and sturgeon species are farmed intensively.
5. The Ministry of Agriculture (Department of Forestry, Fishery, and Hunting): fisheries sector in Hungary.





AQUACULTURE

Aquaculture Production

Year	2020
Production	18,374 tonnes
Value	34.3 million euros
Average annual growth	3.1%
Enterprises	382
Sites	444
Full-time employment	1,237 (1,035 men, 202 women)
Part-time employment	177 (134 men, 43 women)
Temporary employment	25,340 person-days (21,347 men, 3,993 women)



COMMON FARMED FISH IN AQUACULTURE SYSTEM

Pond aquaculture



About 80% of total volumes



Species reared

Diet based on cereals

Polyculture

Semi-intensive rearing in earthen ponds



Silver carp



Bighead carp



Grass carp



Wels catfish



Common carp



Pike perch

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INTENSIVE FISH FARMING

African catfish
(biggest producer
in Europe > 3,800
tonnes in 20
years)

Sturgeons
(mostly for
caviar
production)

Rainbow
trout
producer

Growing interest in
intensive rearing of
valuable indigenous
predatory species

Wels catfish

European
perch

Pike-perch



Sturgeon

An aerial photograph of a large container ship sailing on a deep blue ocean. The ship is viewed from above, showing its deck and the stacks of colorful shipping containers (red, blue, and brown) on its deck. The ship is moving from left to right, leaving a white wake behind it. The text "PROCESSING AND TRADE" is overlaid in large, white, bold, sans-serif capital letters across the center of the image.

PROCESSING AND TRADE

Year**2018****Total volume of processed products**

7,000 tonnes

Volume produced from domestic raw material

5,500 tonnes

Number of companies with fish processing profile

35

Companies combining fish farming with on-site processing

Several

Primary processing only companies

12 out of 24

Species of fish processed

African catfish (65%), common carp (20%), bighead and silver carps (8%), grass carp, breams, Prussian carp, pike-perch, wels catfish, pike, and others (7%)

Major product groups

Fresh whole fish and fresh fillets (60% of total output)

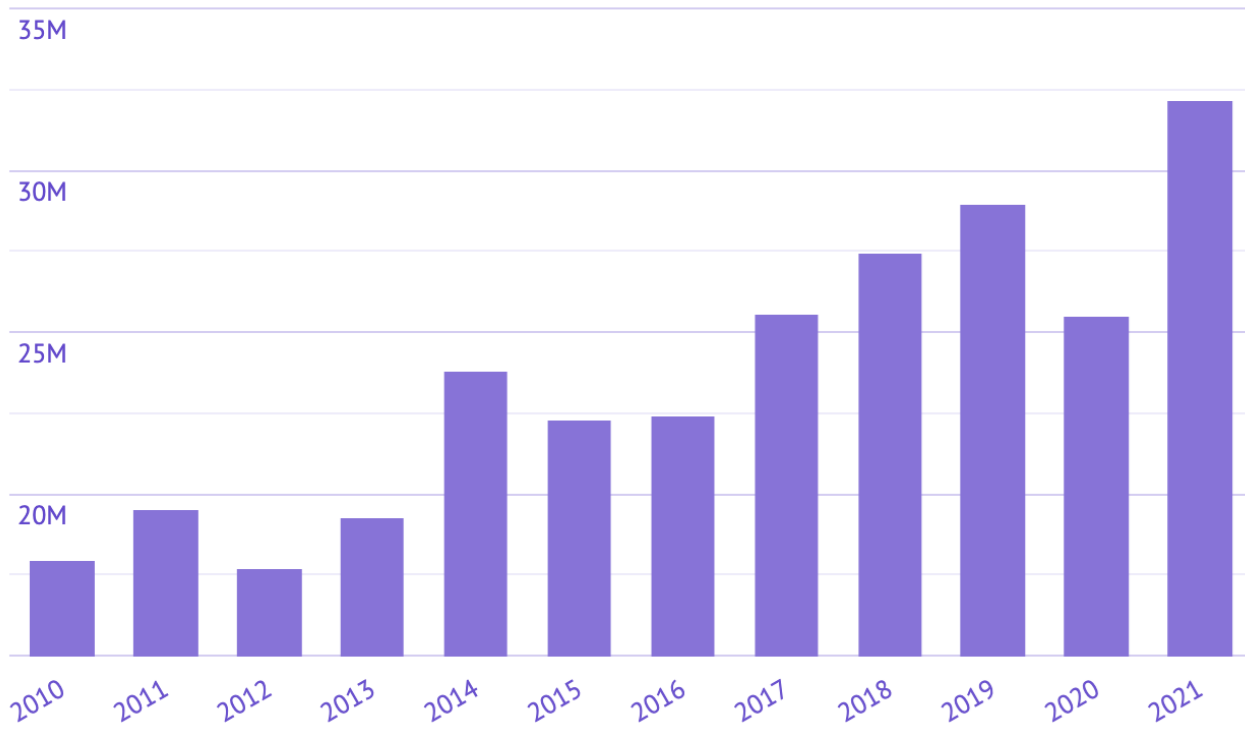
Secondary processing companies

8% of total number of enterprises

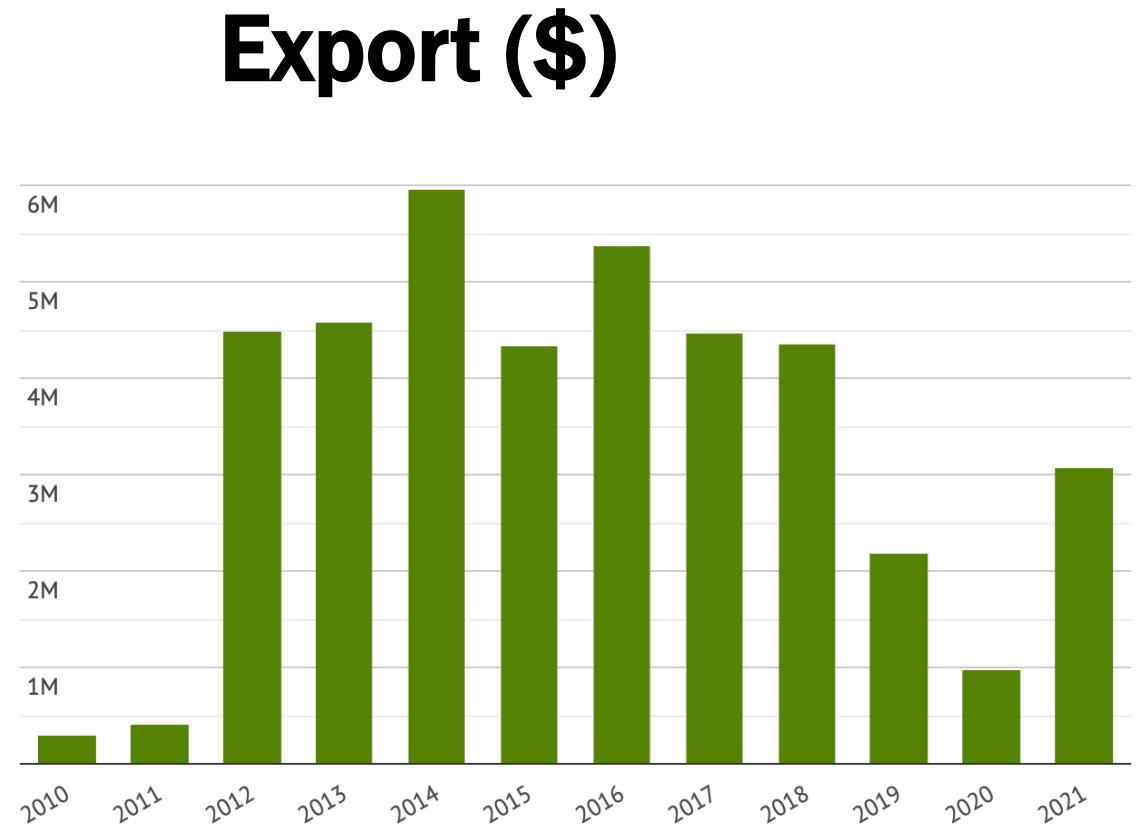
Products of secondary processing

Smoked and frozen products

Companies with mixed profilesOver 40% of the companies



Import (\$)



Export (\$)

FISH CONSUMPTION



Fish consumption in hungary

Increasing in the past
decade

Per capita fish consumption in 2019: 6.45 kg (live
weight)

One of the lowest per capita levels in Europe ($\frac{1}{4}$ of EU
average)

About 80% of the consumed fish and seafood come from
imports

Common Carp Consumption

- ❖ Per capita consumption of common carp: 1.2 kg
- ❖ The highest in the EU



**THANK YOU FOR YOUR
ATTENTION**

