



## ATLANTIC SALMON (*SALMO SALAR*)



Source : [Information system on commercial designations](#)

### BIOLOGY AND HABITAT

- Species description ([Read more](#))

Native to the Atlantic Ocean, *Salmo salar* salmon has been introduced throughout the world for the purposes of aquaculture.

- Geographical distribution and habitat ([Read more](#))

The wild Atlantic salmon lives in the northern Atlantic Ocean, in rivers flowing into the north Atlantic, and, due to human introduction, in the north Pacific Ocean.

### RESOURCE, EXPLOITATION AND MANAGEMENT

- Stocks and resource status/conservation measures ([Read more](#))

Minimum conservation size is established at 60 cm in all fishing areas, and 50 cm only in Bothnian Bay (Finland).

- Production methods and fishing gears ([Read more](#))

The main fishing gears used are drifnets, gillnets and similar nets, hooks and lines, and pots and traps. The species is also massively produced by aquaculture.

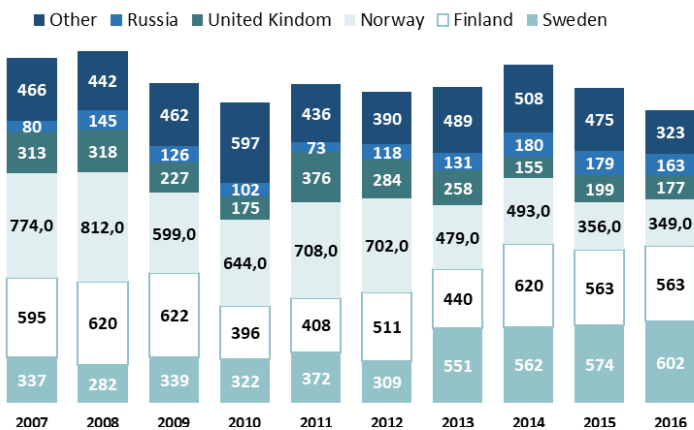


# Atlantic salmon

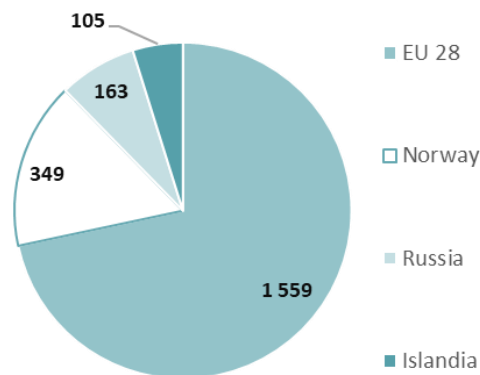
## CATCHES

- The share of Atlantic salmon in the global catches is **0,002%** (FAO, 2016).
- Catches have slowly decreased for the last ten years at both global level (-15%) and EU level (-2%) to reach 2.177 tonnes and 1.559 tonnes respectively in 2016.

### Evolution of world catches



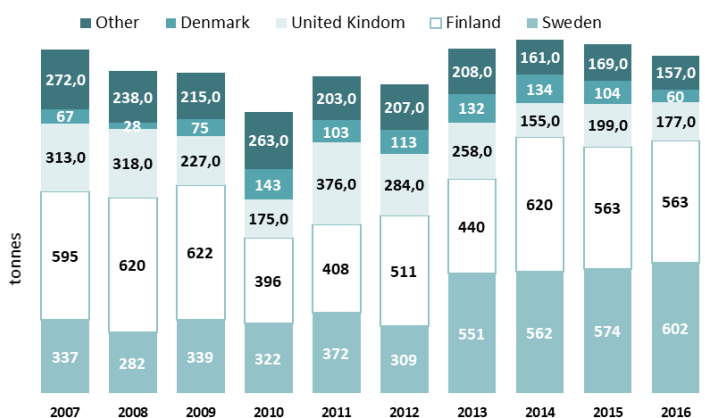
Catches (2016, tons)



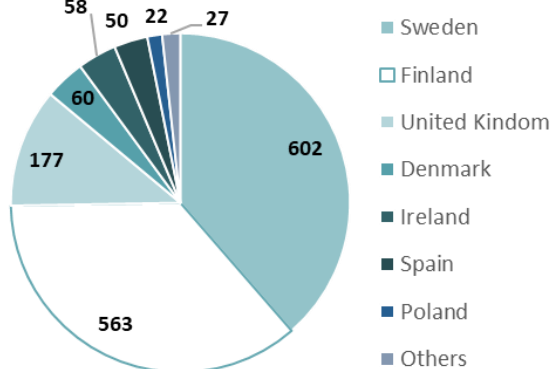
Source: FAO

### Evolution of EU catches

- The EU provides **71,6%** of the global Atlantic salmon catches in 2016 (vs. 61,8% in 2007).



Catches (2016, tonnes)



Source: FAO

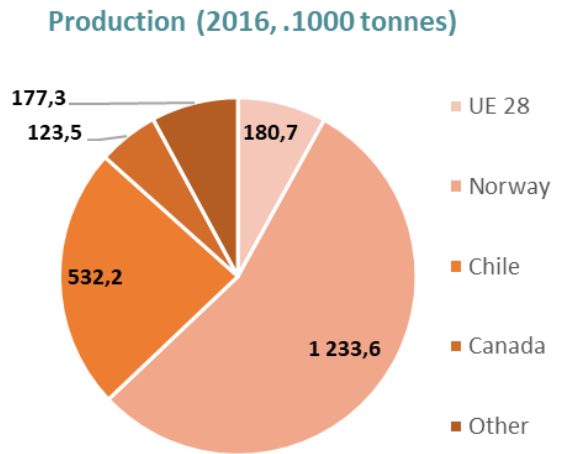
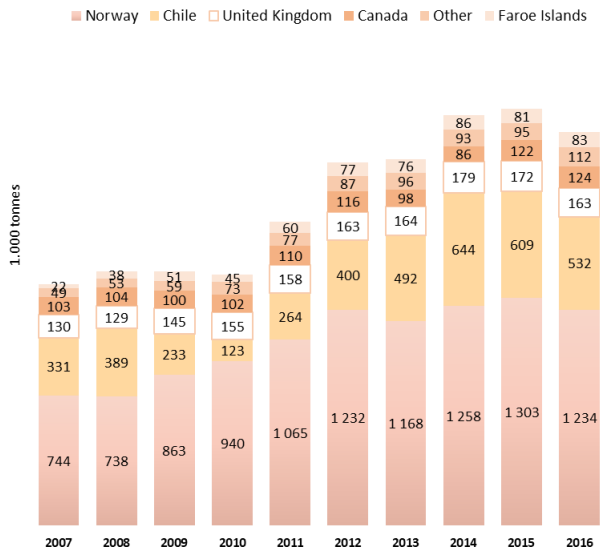
# Atlantic salmon



## AQUACULTURE PRODUCTION

### Evolution of world production

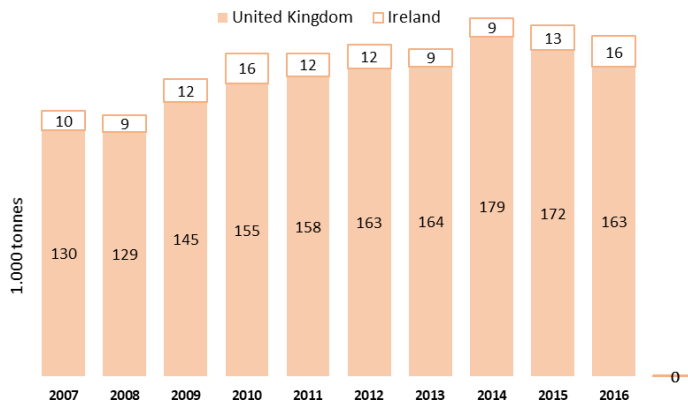
The world production has more than doubled in the last ten years (+63% from 2007 to 2016). The growth is lead by Norway and Chile.



Source : FAO

### Evolution of EU production

EU production increased on the last decade (+28% from 2007 to 2016). The United Kingdom remains the main producer of farmed Atlantic salmon (91% of the volumes in 2016).



Source : Eurostat

## Atlantic salmon



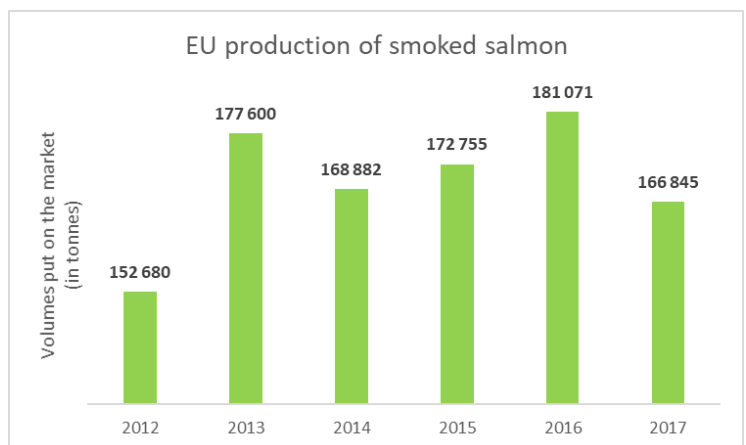
## PROCESSING (source EUROSTAT/PRODCOM)

- A significant processing activity exists in the EU for the Atlantic Salmon (mainly smoking).
- 2 [PRODCOM](#) codes partly refer to Atlantic salmon:
  - 10202425: “Smoked Pacific, Atlantic and Danube salmon (including fillets, excluding heads, tails and maws)”.
  - 10202510: “Prepared or preserved salmon, whole or in pieces (excluding minced products and prepared meals and dishes)”.

- **Smoked salmon :**

The production of smoked salmon tends to increase over the last six years.

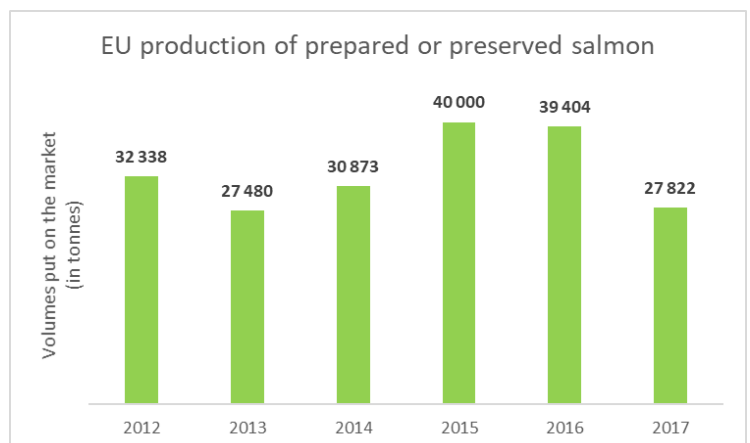
Poland, the UK and France lead the industry with 57% of the production in 2017.



- **Prepared or preserved salmon:**

The production of prepared or preserved salmon remains steady since 2012, in spite of a drop of production from 2015 to 2017.

The UK and Poland provided 49 % of the production in 2015.



## Atlantic salmon



## TRADE (source COMEXT)

- Combined nomenclature ([Read more](#))

### EU trade of Atlantic salmon products in 2017 (tonnes)

Source: COMEXT

CN code	Product	EU imports		EU exports	
		Intra-EU	Extra-EU	Intra-EU	Extra-EU
03019911	Live Pacific salmon, Atlantic salmon and Danube salmon	6.033	85	156	46
03021400	Fish, fresh or chilled, excluding fish fillets and other fish meat of heading, Atlantic salmon ( <i>Salmo salar</i> ) and Danube salmon ( <i>Hucho hucho</i> )	434.796	705.123	614.055	48.463
03031300	Fish, frozen, excluding fish fillets and other fish meat of heading, Atlantic salmon ( <i>Salmo salar</i> ) and Danube salmon ( <i>Hucho hucho</i> )	22.007	10.497	15.886	13.976
03044100	Fish fillets and other fish meat (whether or not minced), fresh or chilled, Pacific salmon, Atlantic salmon and Danube salmon	67.787	35.650	71.996	11.596
03045200	Fish fillets and other fish meat (whether or not minced), fresh or chilled, Salmonidae	963	64	997	19
03048100	Fish fillets and other fish meat (whether or not minced), frozen, Pacific salmon, Atlantic salmon ( <i>Salmo salar</i> ) and Danube salmon ( <i>Hucho hucho</i> )	53.607	90.462	62.411	17.212
03053910	Pacific salmon, Atlantic salmon ( <i>Salmo salar</i> ), and Danube salmon ( <i>Hucho hucho</i> ), salted or in brine	4.661	7	1.378	99
03054100	Smoked, including fillets, other than edible fish offal Pacific salmon, Atlantic salmon and Danube salmon	95.838	1.234	93.676	12.535
03056950	Salted but not dried or smoked and fish in brine, other than edible fish offal, Pacific salmon, Atlantic salmon ( <i>Salmo salar</i> ) and Danube salmon ( <i>Hucho hucho</i> )	2.453	-	296	183
16041100	Prepared or preserved salmon, whole or in pieces, but not minced	19.521	10.628	21.452	3.096
16042010	Prepared or preserved salmon, other	8.116	314	4.574	984

# Atlantic salmon



## TRADE (source COMEXT)

- Combined nomenclature [\(Read more\)](#)

*Source: COMEXT*

### EU trade of Atlantic salmon products (tonnes)

- **Main extra-EU destinations are:**

- for fresh or chilled Atlantic salmon: USA (28.073 tonnes in 2017) and China (9.797 tonnes in 2017),
- for frozen Atlantic salmon : Ukraine (3.215 tonnes), Vietnam (3.101) and Belarus (2.009 tonnes),
- for smoked salmon : USA (3.668 tonnes), Switzerland (2.845 tonnes) and Australia (2.092 tonnes).

- **Main extra-EU suppliers are:**

- for fresh or chilled Atlantic salmon : Norway (671.820 tonnes in 2017), Feroe Islands (25.687 tonnes) and Iceland (7.595 tonnes),
- for fresh or chilled Atlantic salmon fillets : Norway (34.033 tonnes) and Feroe Islands (1.202 tonnes),
- for frozen fish fillets : China ( 38.045 tonnes), Norway (20.267 tonnes) and Chile (17.428 tonnes).

## Atlantic salmon



## PRICES ALONG THE SUPPLY CHAIN (EUR/kg)

**First-sale (fresh salmon, wild)**

First-sale prices are presented for Sweden and the UK, which are among the main EU producers.

	2010	2011	2012	2013	2014	2015	2016	2017	Source
Sweden	nd	7.18	5.35	4.56	3.66	3.82	4.54	4.49	EUMOFA
UK	12.37	8.09	12.62	11.99	14.75	20.48	14.23	9.70	EUMOFA

**Wholesale (fresh, farmed)**

Wholesale prices correspond to Spanish prices as it is a major wholesale market in the EU.

Most frequent price	2010	2011	2012	2013	2014	2015	2016	2017	Source
Spain	nd	5.11	4.61	5.92	5.79	5.51	7.95	7.71	EUMOFA

**Retail/consumption (fresh)**

Retail prices refer to UK, France and Spain which are the major consumers countries in the EU.

	2010	2011	2012	2013	2014	2015	2016	2017	Source
UK	8.42	8.62	9.58	9.40	10.41	11.85	10.78	10.53	Retail
Spain	nd	nd	nd	6.94	7.03	7.22	7.38	7.67	Retail
France	9.61	9.97	9.86	10.14	10.28	10.39	10.92	11.13	Retail

**Import (fresh)**

Import prices are presented for Sweden (major entry point), France and Poland (major importers of fresh salmon).

	2010	2011	2012	2013	2014	2015	2016	2017	Source
Sweden	4.55	4.30	3.91	4.96	4.90	4.85	6.16	6.24	EUMOFA
France	4.40	4.64	4.55	5.02	5.09	5.21	5.75	5.83	EUMOFA
Poland	3.99	3.64	3.37	4.63	4.40	4.23	5.26	5.27	EUMOFA

**Export (fresh)**

Export prices refer to Sweden, Denmark, UK and Poland major exporters in EU.

	2010	2011	2012	2013	2014	2015	2016	2017	Source
Sweden	3.44	3.47	3.47	4.19	4.35	4.26	5.41	5.09	EUMOFA
Denmark	3.44	3.60	3.09	3.38	3.38	3.58	4.24	4.57	EUMOFA
UK	4.87	5.11	4.84	5.16	5.43	5.61	6.60	6.31	EUMOFA

## Atlantic salmon



## MARKETING ASPECTS

- Commercial designations in all EU official languages ([Read more](#))
- Common marketing standards ([Read more](#))

## CONSUMPTION

- Third most consumed species in the EU after tuna and cod.
- Apparent consumption per capita in 2016: **2,19 kg** live weight equivalent (source: [The EU Fish Market – 2018 edition](#), EUMOFA)
- Nutritional value (Atlantic salmon, Norway/Scotland, fresh fillet, values per 100 g – source : NUTRAQUA/AQUIMER)

Nutritional value	Atlantic salmon
kilo calories (kcal)	198
Kilojoule (kJ)	824
Water (g)	65,6
Ashes (g)	1,2
Proteins (g)	20
Carbohydrates (g)	0,2
Lipids (g)	12,9
Cholesterol (mv)	55,9
Omega 6 (mg)	1188
Omega 3 (mg)	2282
EPA (mg)	612
DHA (mg)	869