



# UK Aquaculture Trade Trends

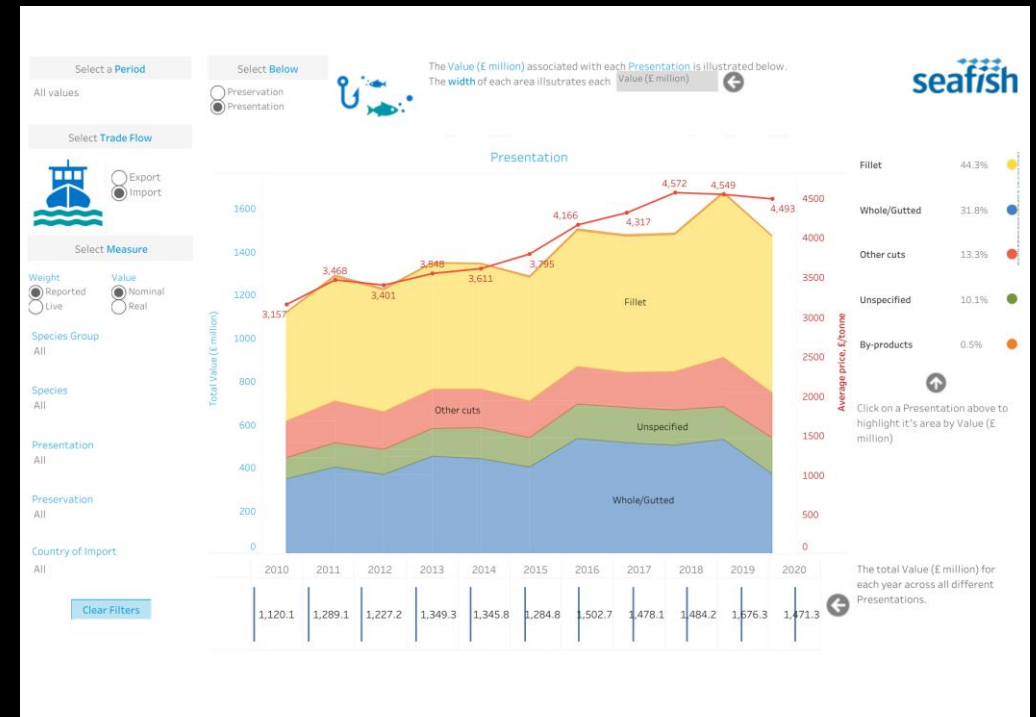
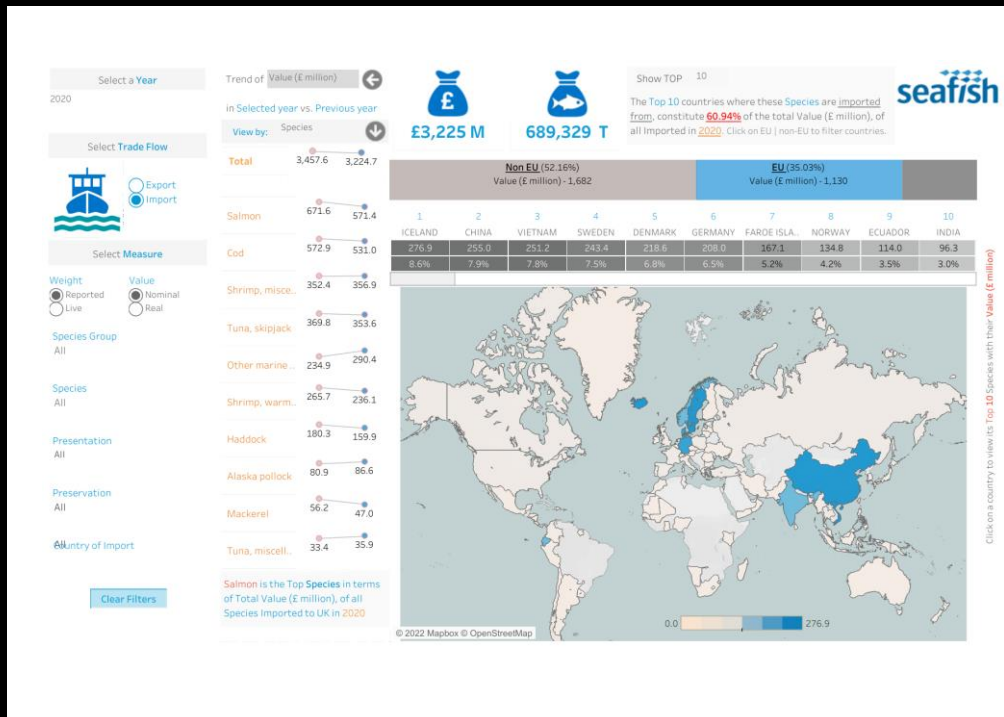
Trade profile of Aquaculture in the UK

ACIG

18<sup>th</sup> October 2022

# Trade and Tariff Tool in Tableau (T4)

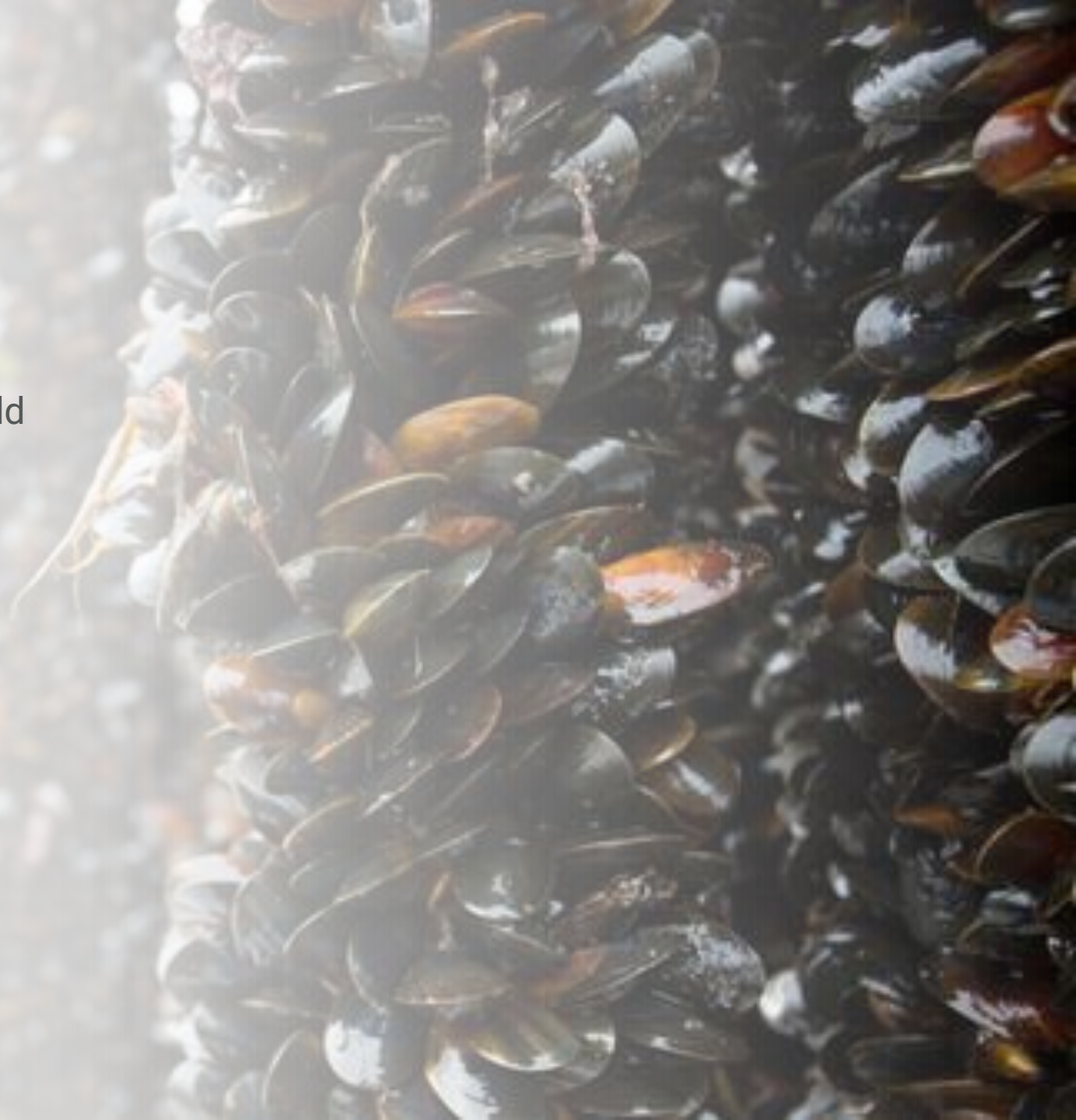
<https://public.tableau.com/app/profile/seafish/viz/SeafishTradeandTariffTool/Overview>





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- UK market – Increased demand for aquaculture species
- UK Aquaculture production in figures
- UK Seafood Imports and Exports – Farmed vs Wild Caught
- Trade Trends for Top Species

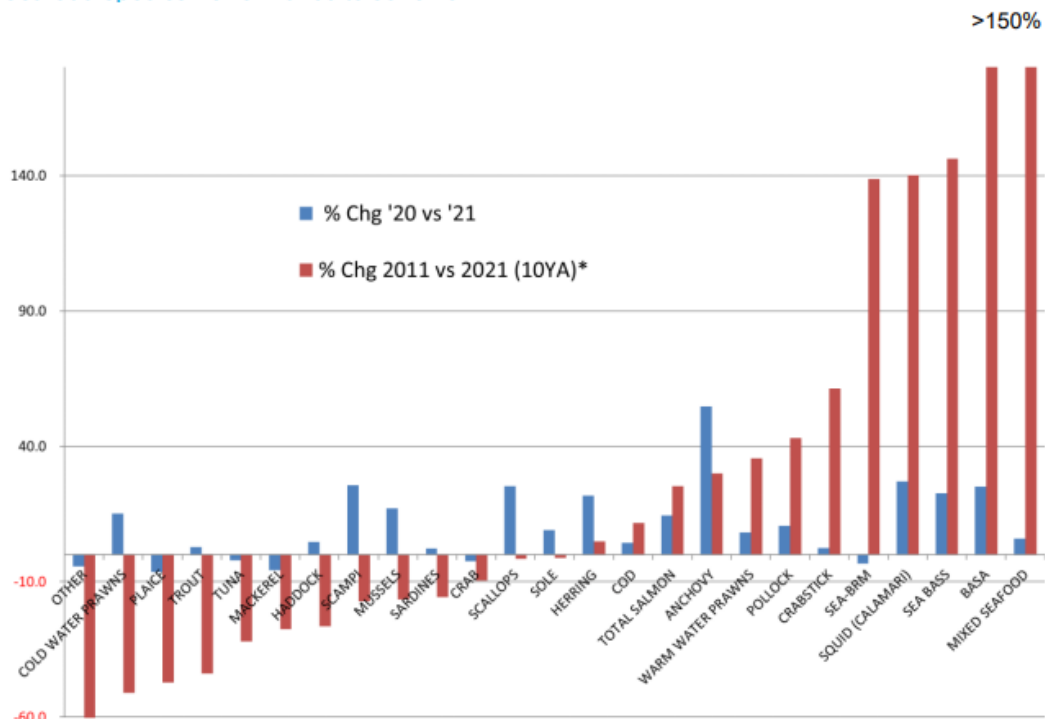


# UK demand for Aquaculture

## -farmed seafood in multiple retail increases

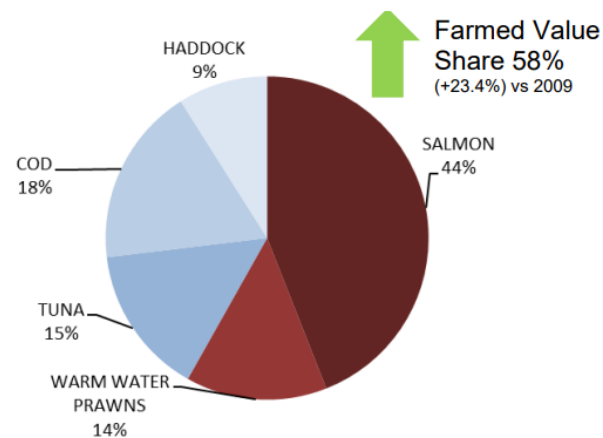
- In the 52 weeks to 21st May 2022, farmed seafood accounted for an estimated **59%** by value, and **40%** by volume of the UK 'top-five' bestselling seafood species which in turn make up most UK seafood sales.
- Whitefish alternatives increased 291% over the past decade (volume)
- Salmon and warm water prawns out perform cod and haddock in 2021

Total Seafood Species Performance to June 2021



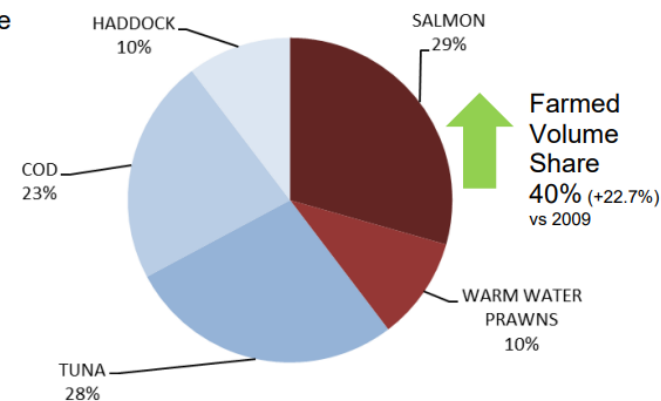
Nielsen Scantrack YE 19.06.21 (\*10yr GB)

Farmed seafood value share of 'top-five' species 2022



Nielsen Scantrack YE 21.05.22

Farmed seafood volume share of 'top-five' species 2022



Farmed Seafood in Multiple Retail (2022 Update): Provided by Richard Watson Seafish Market Insight Analyst

# Aquaculture Production

## 2020 Finfish and Shellfish



Total UK Value

**£1.01bn** (-13%)

(+32% on 2013)



Shellfish

Value: **£15m** (-32%)

Volume: **11,082t** (-31%)



Finfish

Total UK Volume

**216,790t** (-7%)

(+7% on 2013)

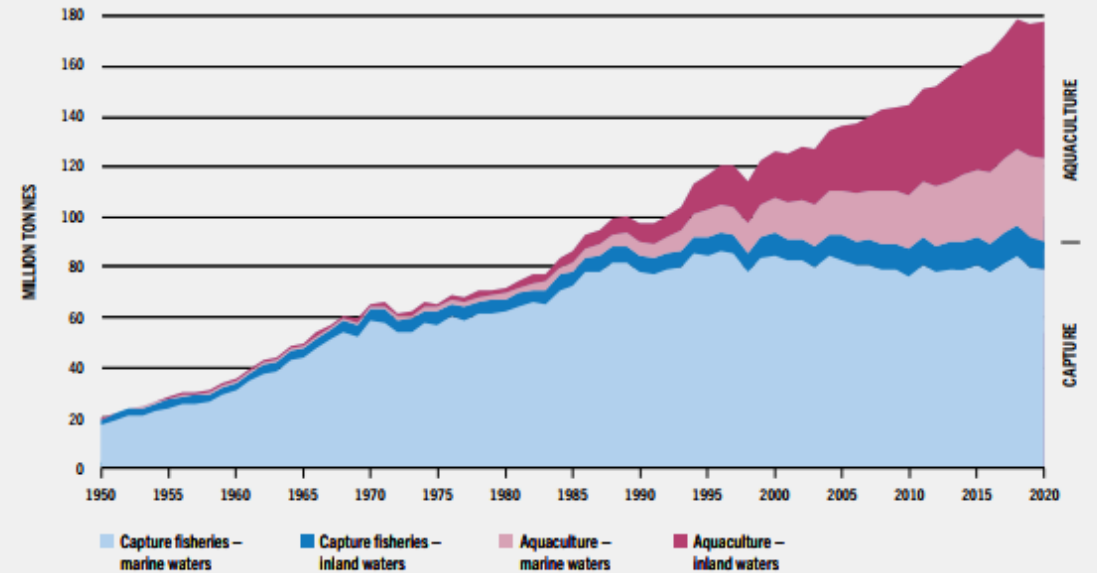
Value: **£993m** (-12%)

Volume: **205,708t** (-6%)

Total World Volume

**87.5 million tonnes** (+3%)

FIGURE 1 WORLD CAPTURE FISHERIES AND AQUACULTURE PRODUCTION



NOTES: Excluding aquatic mammals, crocodiles, alligators, caimans and algae. Data expressed in live weight equivalent.  
SOURCE: FAO.

FAO. 2022. The State of World Fisheries and Aquaculture 2022. Towards Blue Transformation. Rome, FAO.



# Fish and shellfish farmed in the UK (2020)

## Top 5 species by value:



1. Atlantic salmon **£932m** (-13%)



2. Rainbow trout **£45m** (-4%)



3. Mussels **£9m** (-34%)



4. Carp **£6m** (+190%)



5. Oysters **£6m** (-29%)

## Top 5 species by volume (tonnes):



1. Atlantic salmon **192,129** (-6%)



2. Rainbow trout **12,471** (-3%)



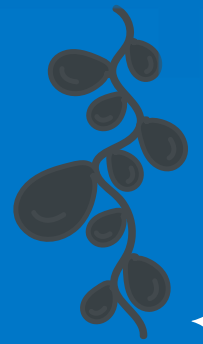
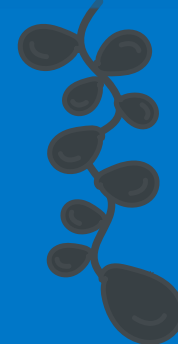
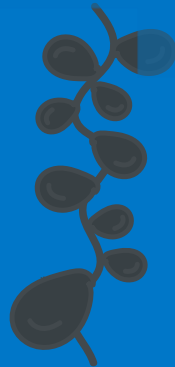
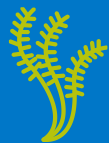
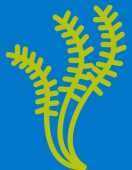
3. Mussels **9,239** (-30%)



4. Oysters **1,796** (-32%)

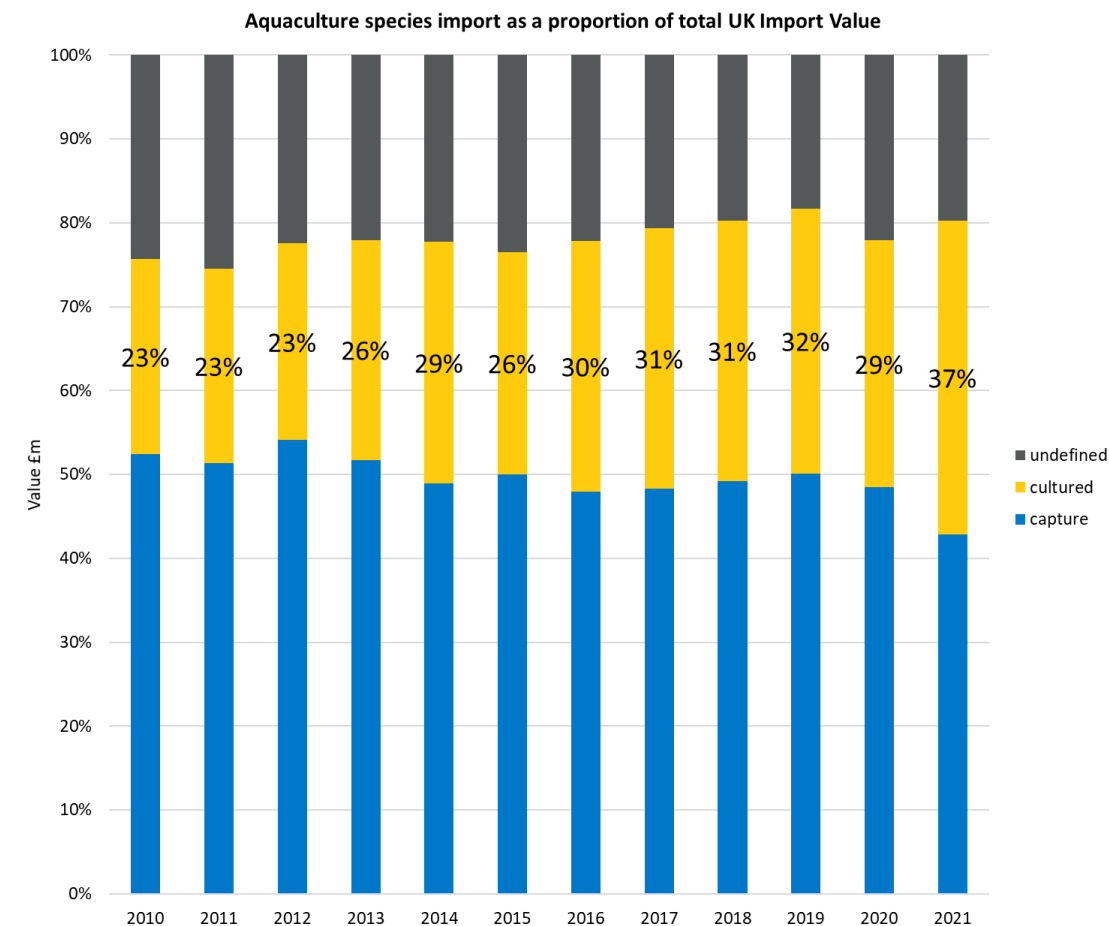
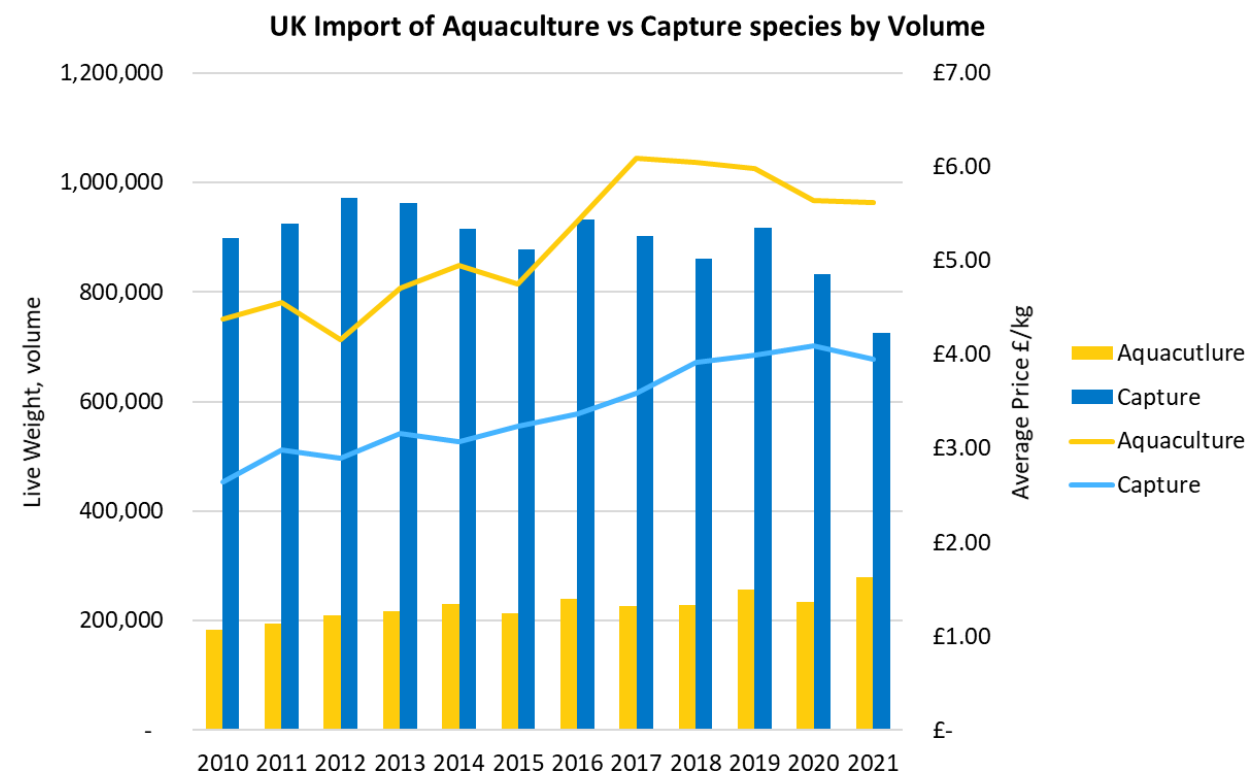


5. Other salmonids **507** (-25%)



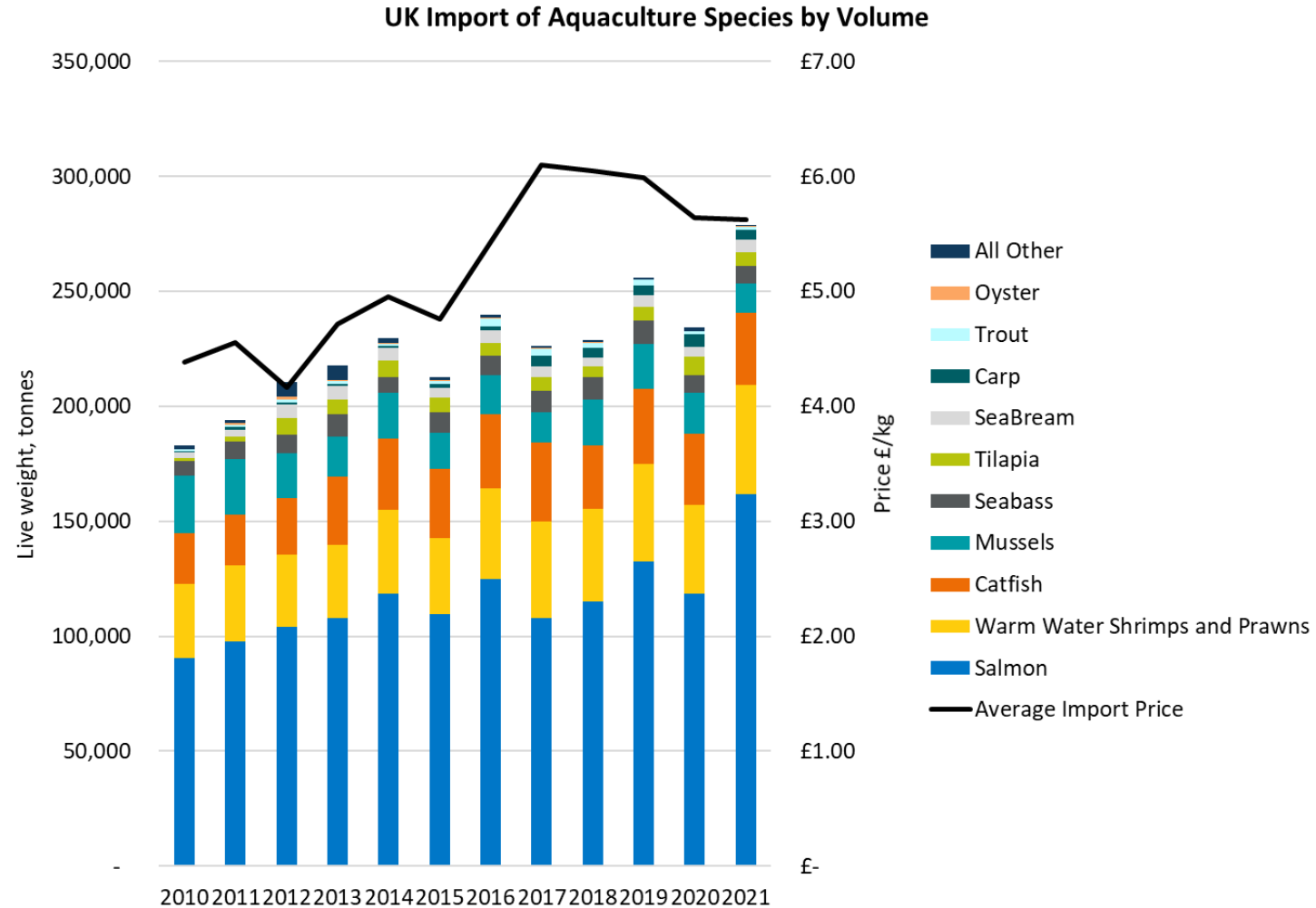
# UK Import of Aquaculture products

- Cultured species are a growing proportion of UK seafood import volume and value



# UK Import of Aquaculture Products

- Salmon, WW shrimp and prawns and catfish make up 87% of import volume of cultured species. (92% of import value)
- Average cost of importing cultured species has decreased since 2017
- Proportion of mussels import has decreased

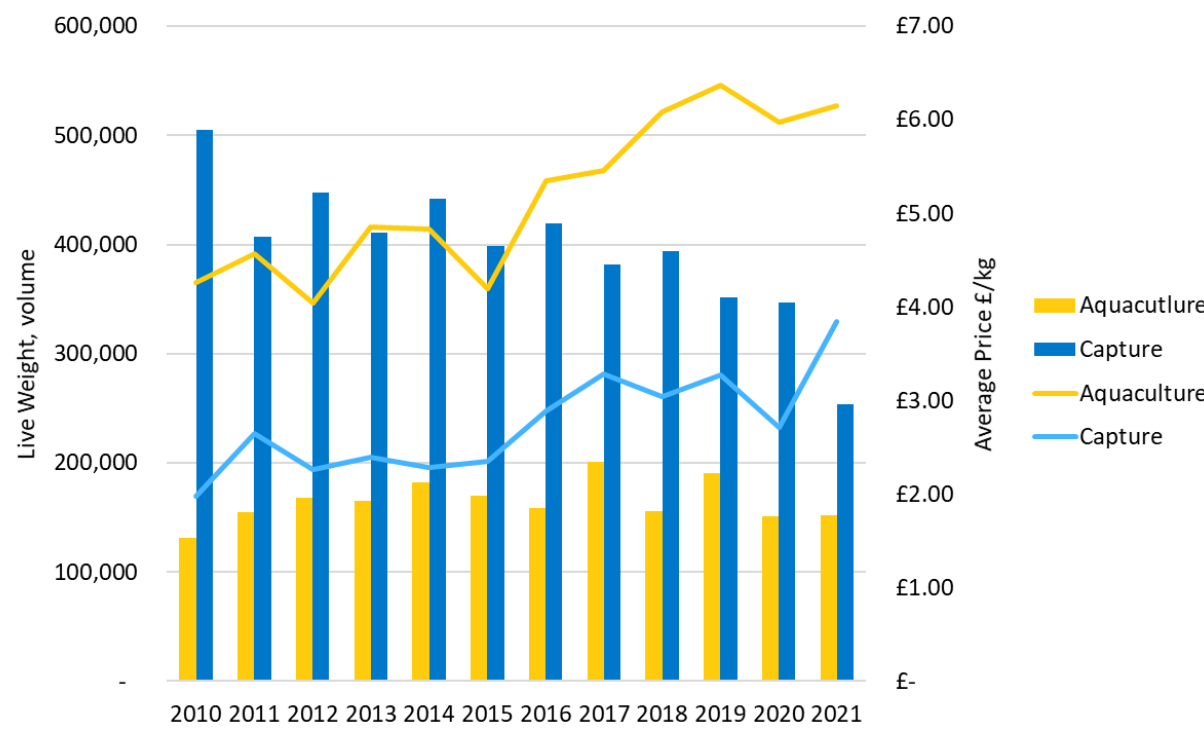




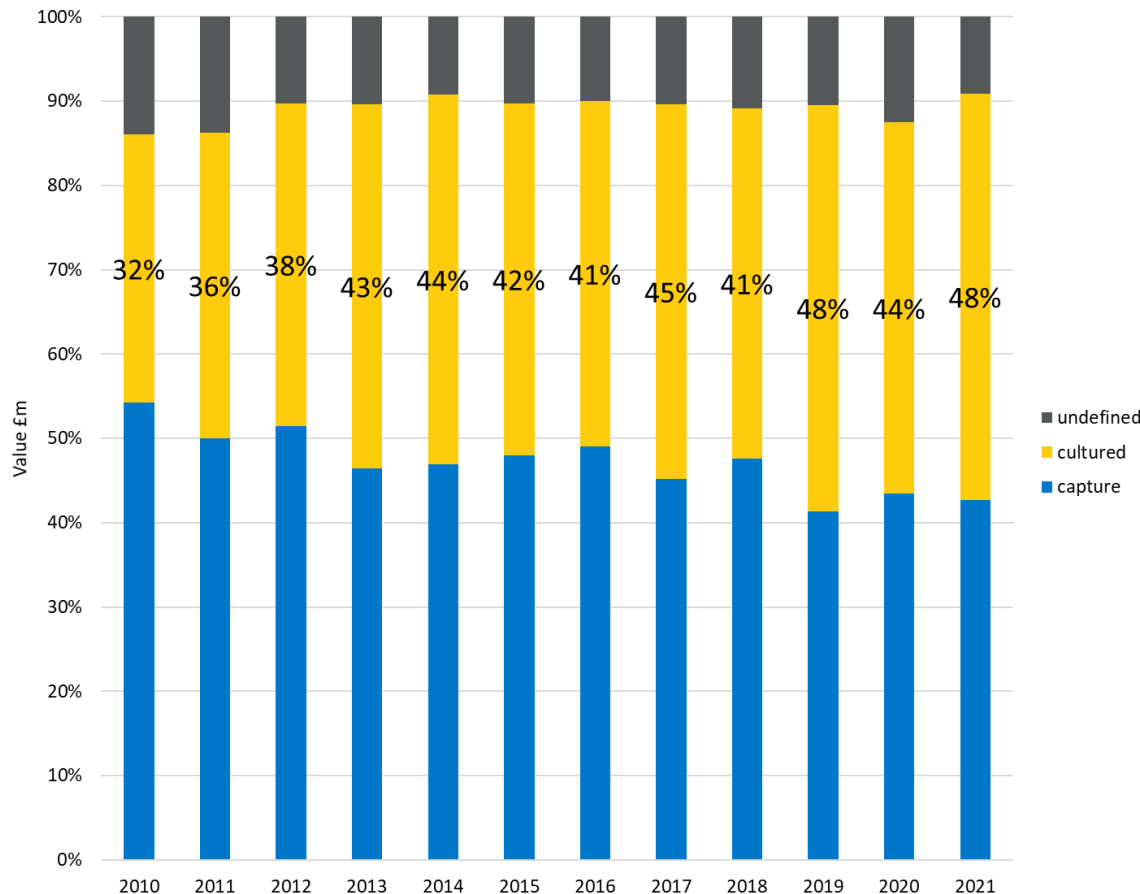
# UK Export of Aquaculture products

- Cultured species make up and increasing proportion of all UK seafood export

UK Export of Aquaculture vs Capture species by Volume

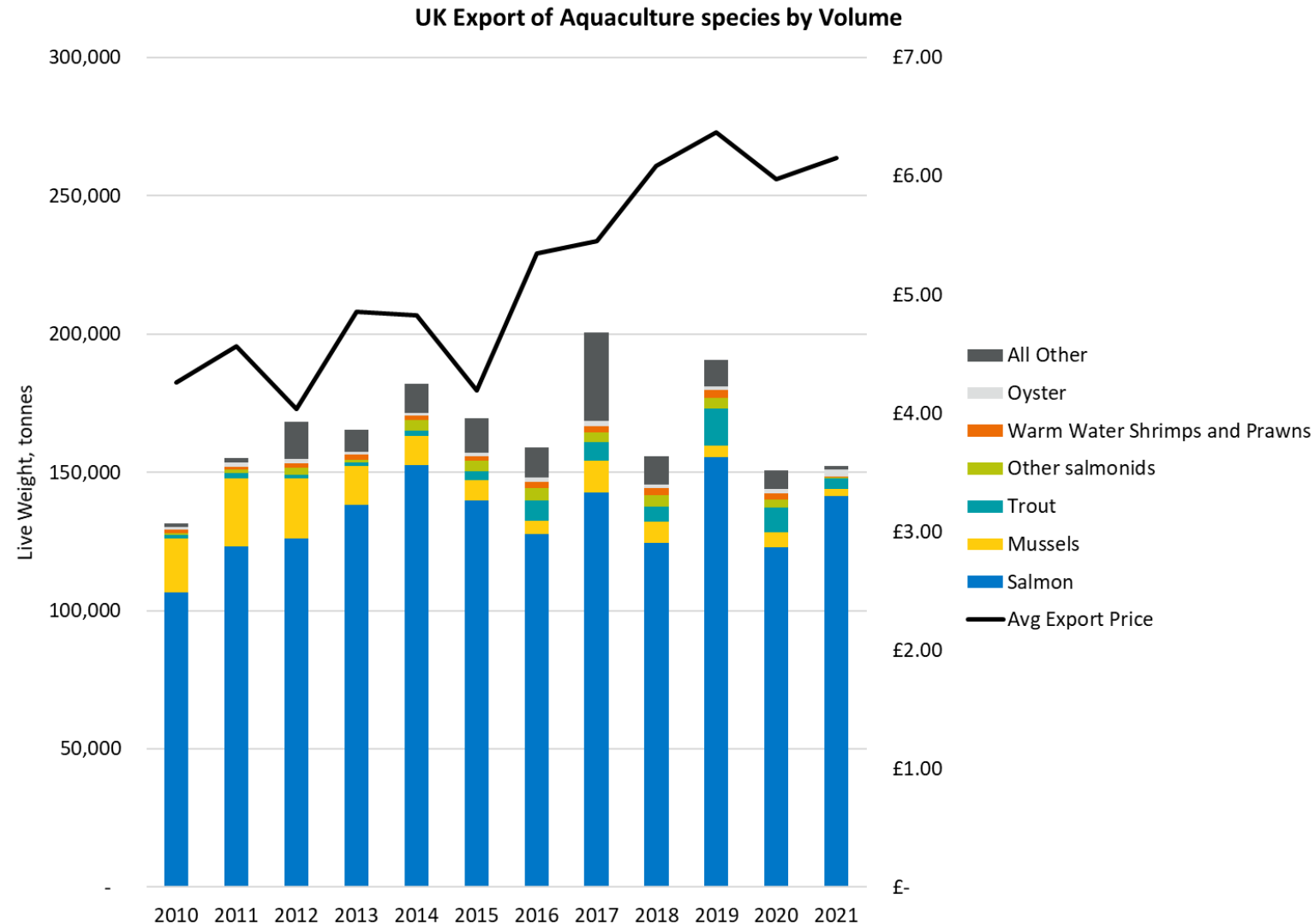


Aquaculture species export as a proportion of total UK Import Value



# UK Export of Aquaculture Products

- Salmon make up 93% of export volume of cultured species. (95% of import value)
- Average cost of farmed species exports has increased since 2015
- Proportion of mussel export has decreased



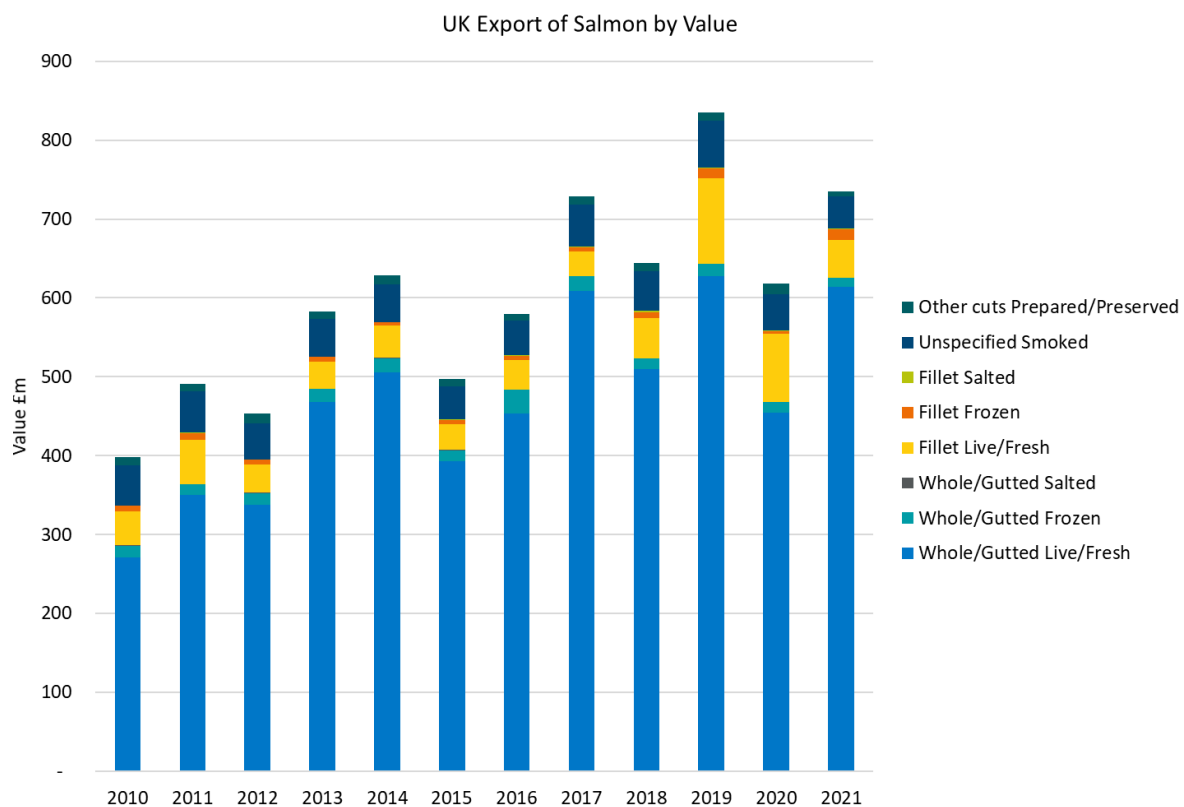
## Trade trends for top species

- Salmon
- Mussels
- Warm water shrimps and prawns
- Catfish
- Seabass
- Tilapia

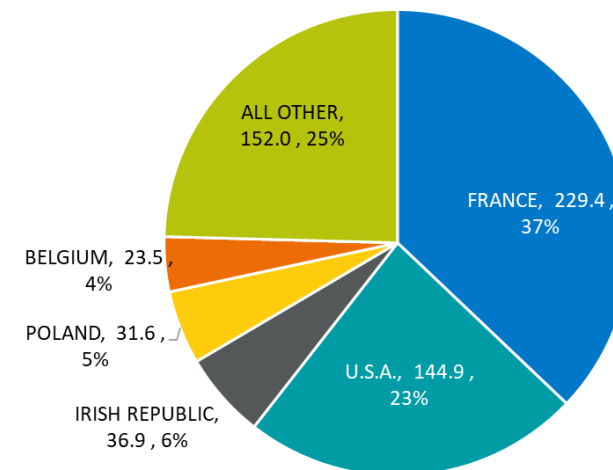


# Total UK Salmon Export

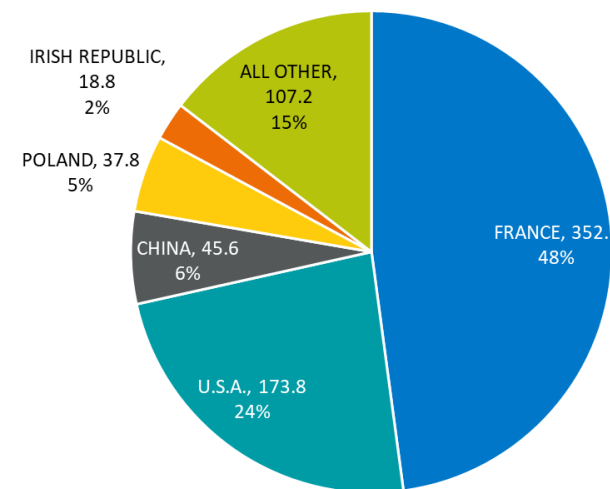
UK EXPORT of Salmon	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£593	£619	£735	19%	24%
Weight, tonnes	96,677	98,482	116,954	19%	21%
Live Weight (tonnes	123,118	122,820	141,519	15%	15%
£/Kg	£ 6.14	£ 6.28	£ 6.29	0%	2%



2020 UK Export Destination of Salmon by Value £m



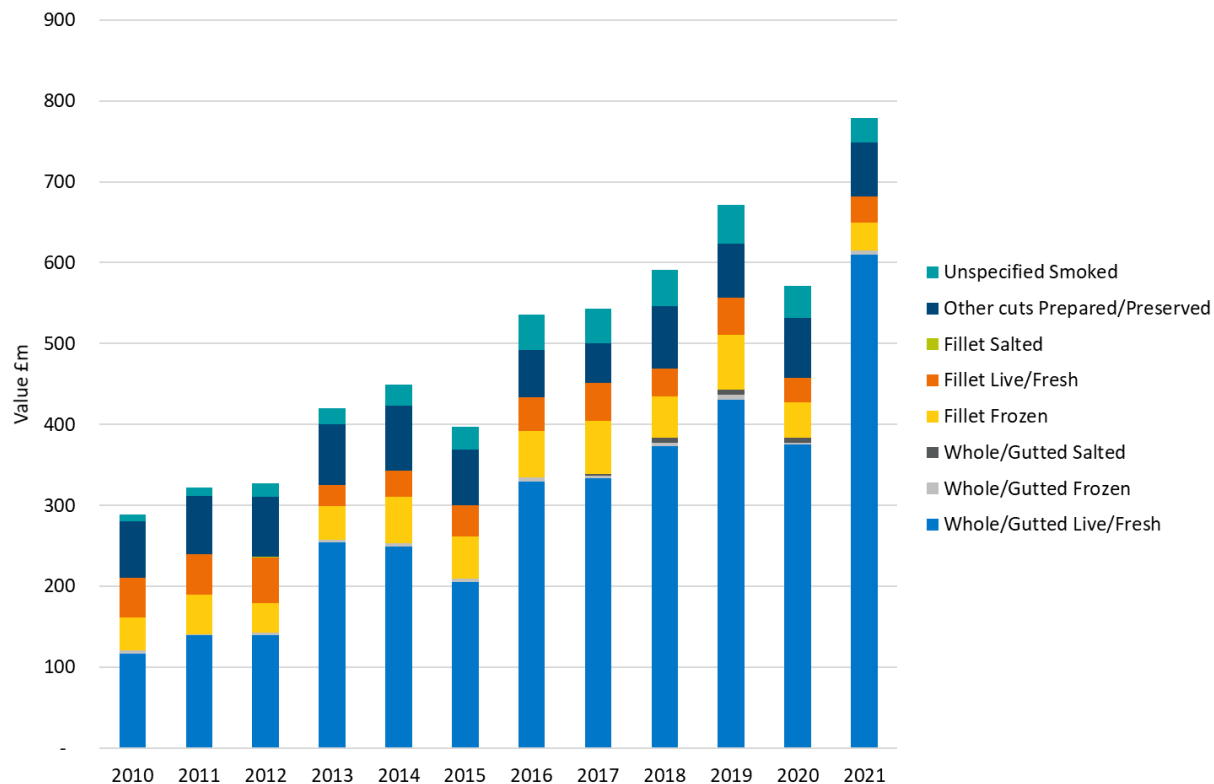
2021 UK Export Destination of Salmon by Value £m



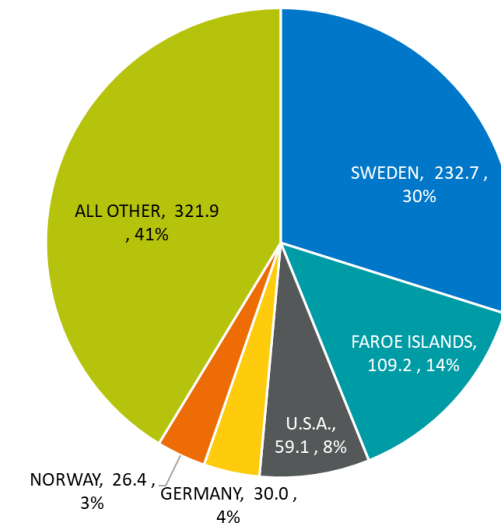
# Total UK Salmon Import

UK IMPORT of Salmon	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£389	£572	£779	36%	100%
Weight, tonnes	70,320	91,933	132,293	44%	88%
Live Weight (tonnes)	97,732	118,257	161,764	37%	66%
£/Kg	£ 5.53	£ 6.22	£ 5.89	-5%	6%

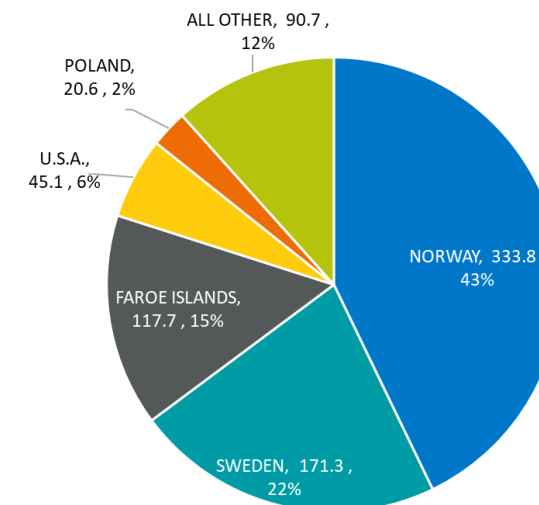
UK IMPORT of Salmon by Value



2020 Country of Salmon Import to UK by Value £m



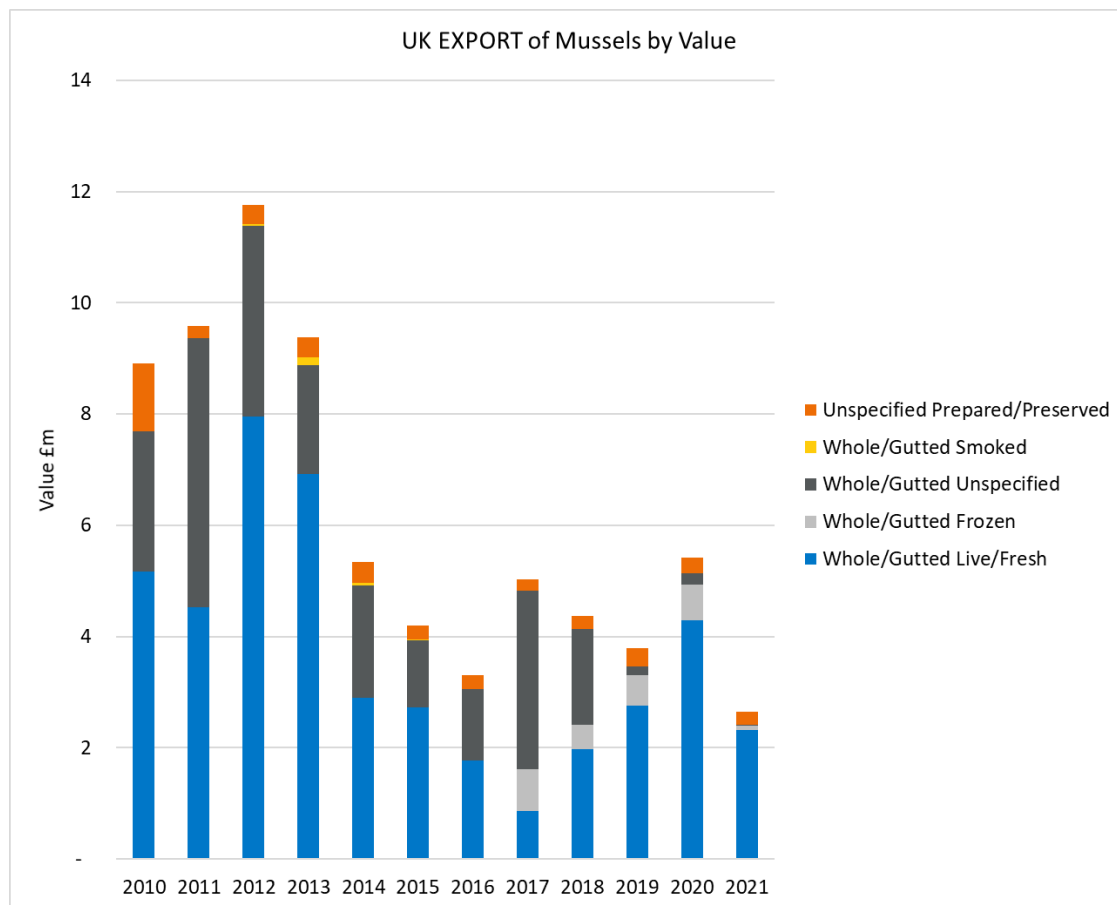
2021 Country of Salmon Import to UK by Value £m





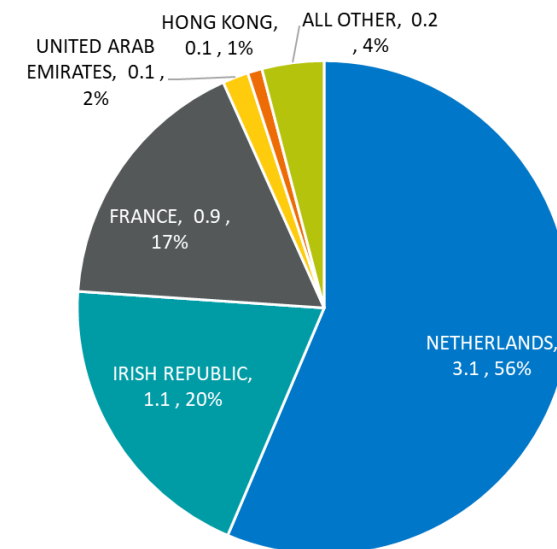
# Total UK mussels export 2021

UK EXPORT of Mussels	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£12	£5	£3	-51%	-77%
Weight, tonnes	12,400	4,746	2,278	-52%	-82%
Live Weight (tonnes	24,849	5,521	2,407	-56%	-90%
£/Kg	£ 0.93	£ 1.14	£ 1.16	2%	25%

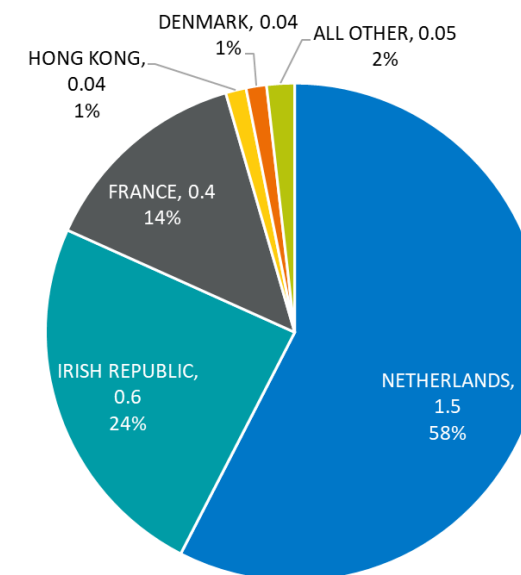


UK Trade: HMRC

2020 UK Export Destination of Mussels by Value £m

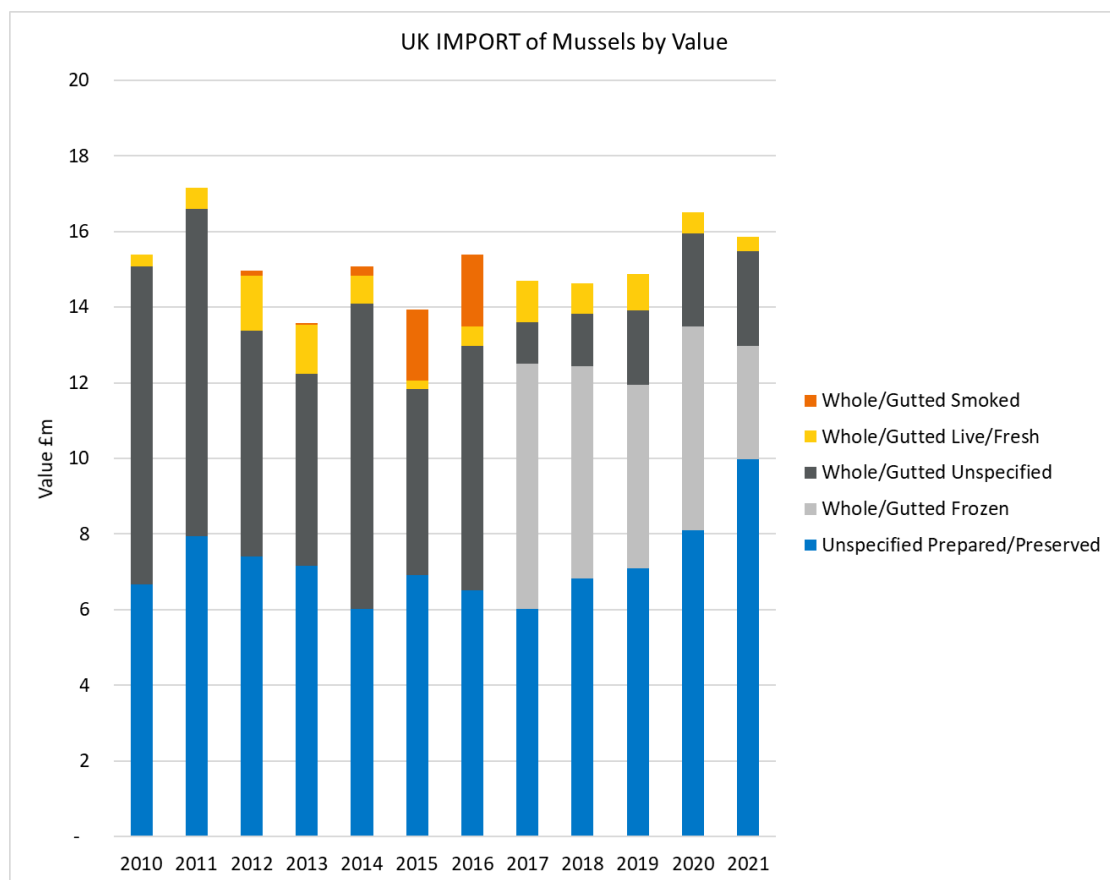


2021 UK Export Destination of Mussels by Value £m



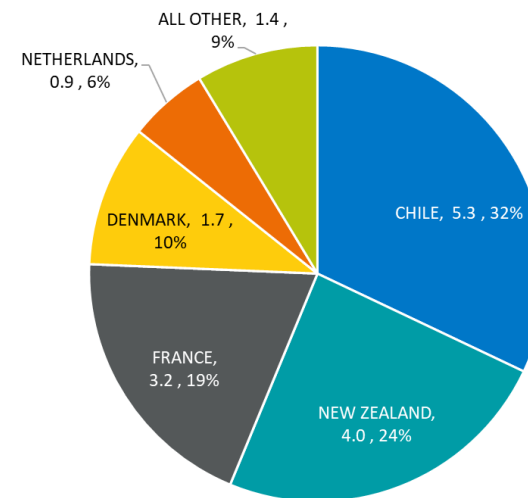
# Total UK mussels import 2021

UK IMPORT of Mussels	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£21	£17	£16	-4%	-23%
Weight, tonnes	7,143	5,264	4,299	-18%	-40%
Live Weight (tonnes)	24,045	17,534	12,432	-29%	-48%
£/Kg	£ 2.90	£ 3.14	£ 3.69	18%	27%

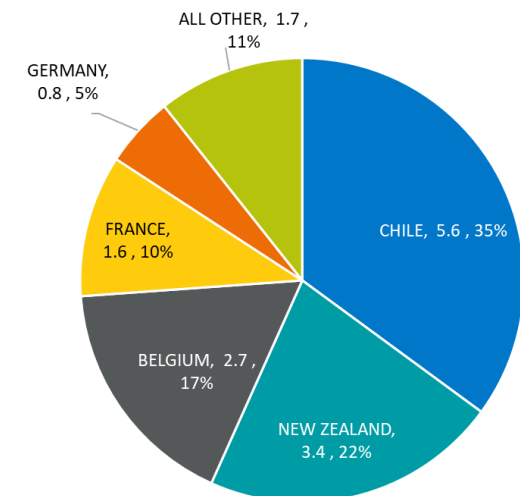


UK Trade: HMRC

2020 Country of Mussels Import to UK by Value £m

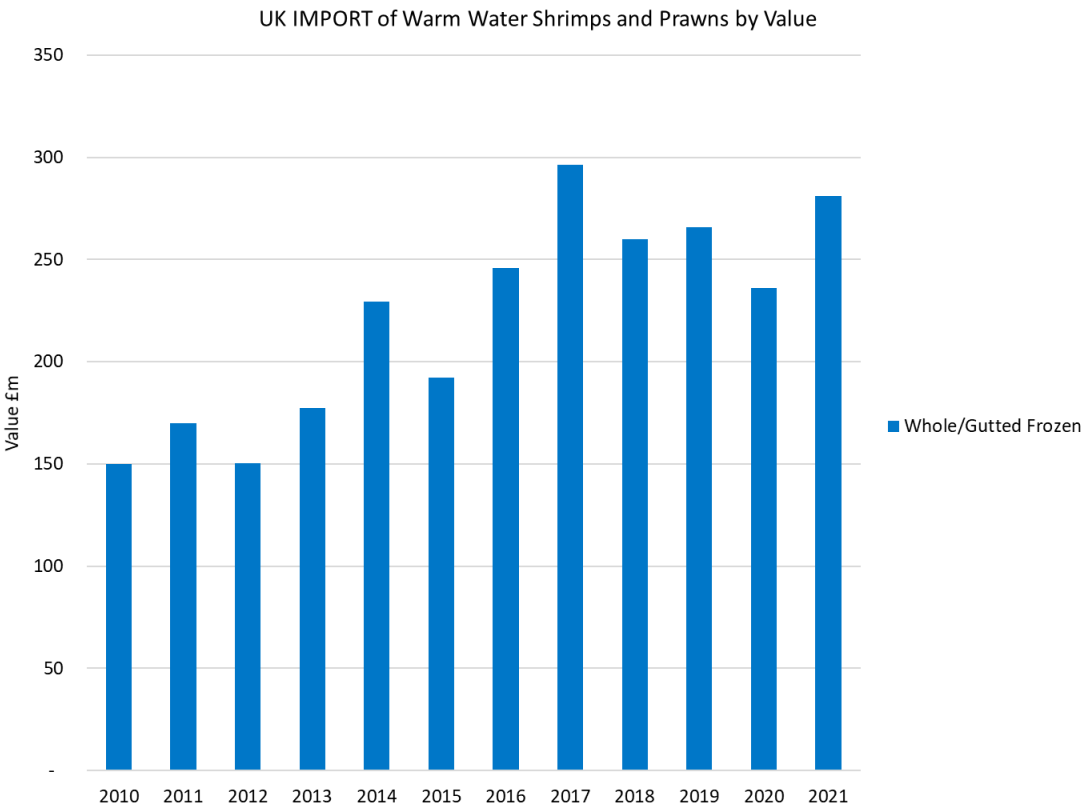


2021 Country of Mussels Import to UK by Value £m

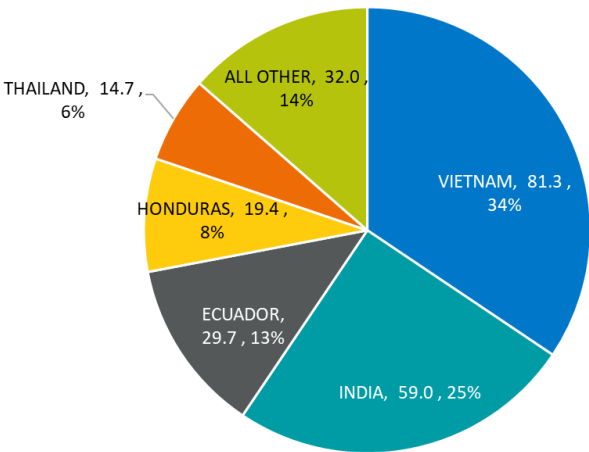


# Total UK warm water shrimp and prawn import 2021

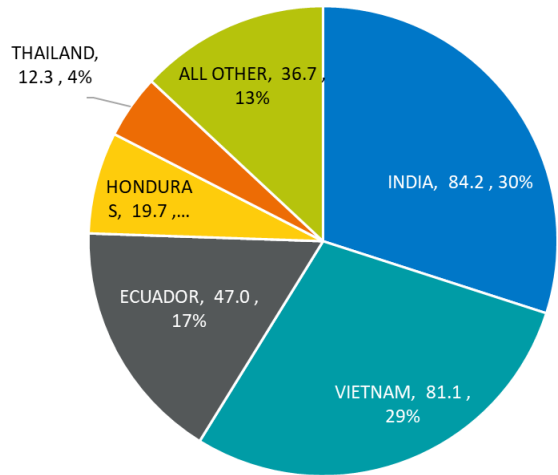
UK IMPORT of Warm Water Shrimps and Prawns	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£205	£236	£281	19%	37%
Weight, tonnes	27,277	32,084	39,365	23%	44%
Live Weight (tonnes	33,005	38,822	47,631	23%	44%
£/Kg	£ 7.52	£ 7.36	£ 7.14	-3%	-5%



2020 Country of Warm Water Shrimps and Prawns Import to UK by Value £m



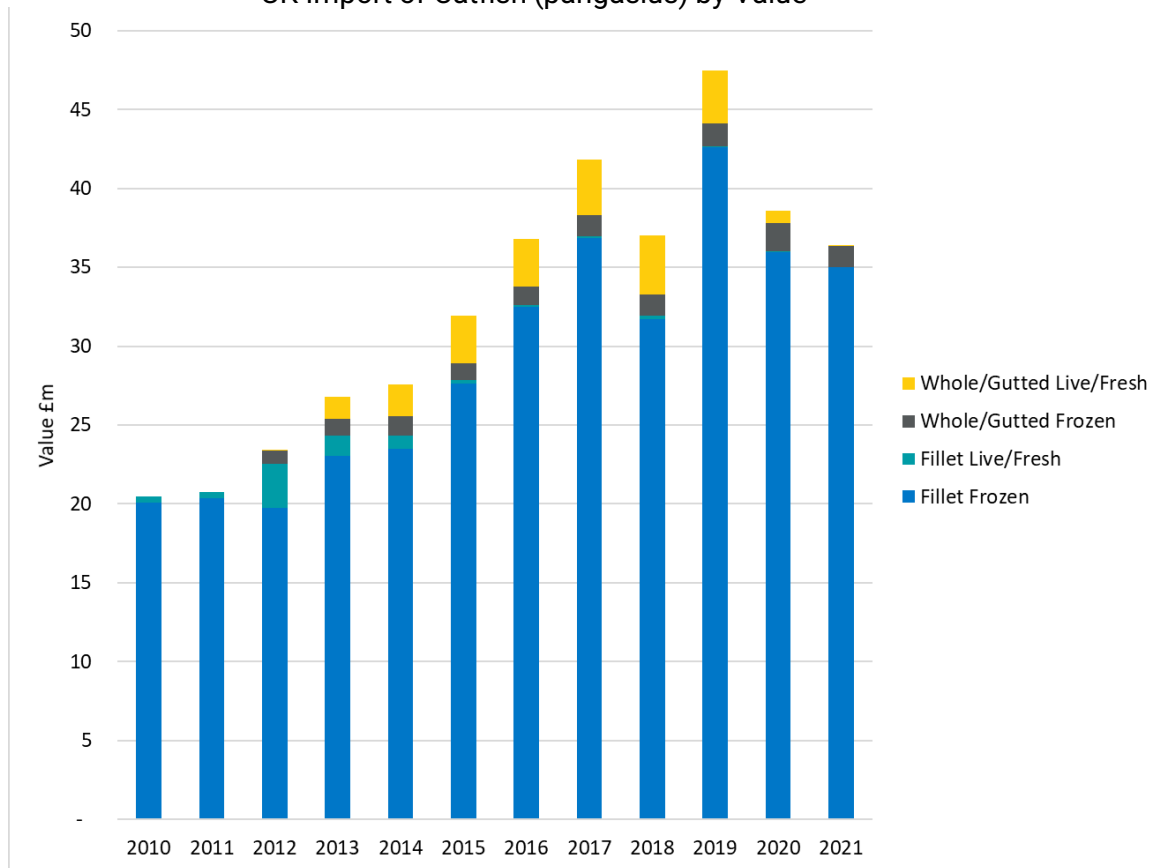
2021 Country of Warm Water Shrimps and Prawns Import to UK by Value £m



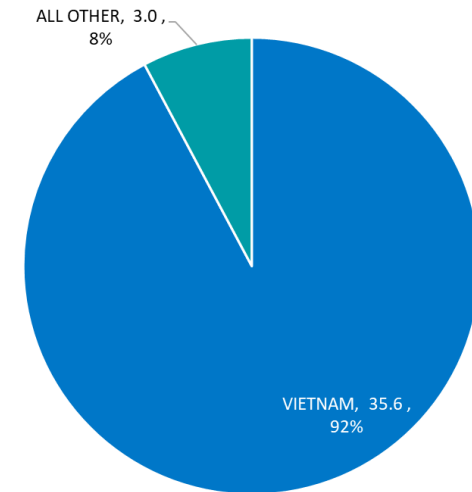
# Total UK catfish import 2021

UK IMPORT of (Multiple II	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£25	£39	£36	-6%	45%
Weight, tonnes	9,668	14,314	14,139	-1%	46%
Live Weight (tonnes	22,236	31,089	31,399	1%	41%
£/Kg	£ 2.59	£ 2.70	£ 2.58	-4%	-1%

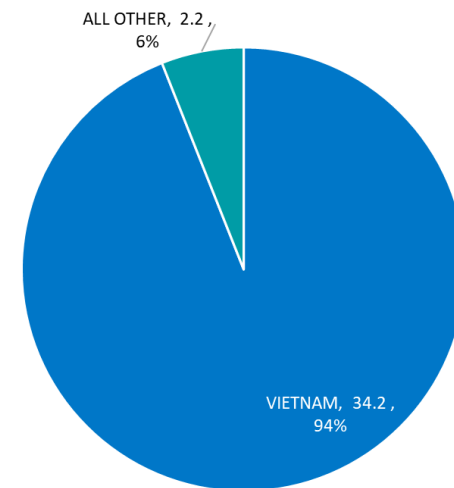
UK Import of Catfish (pangasius) by Value



2020 Country of Catfish Import to UK by Value £m



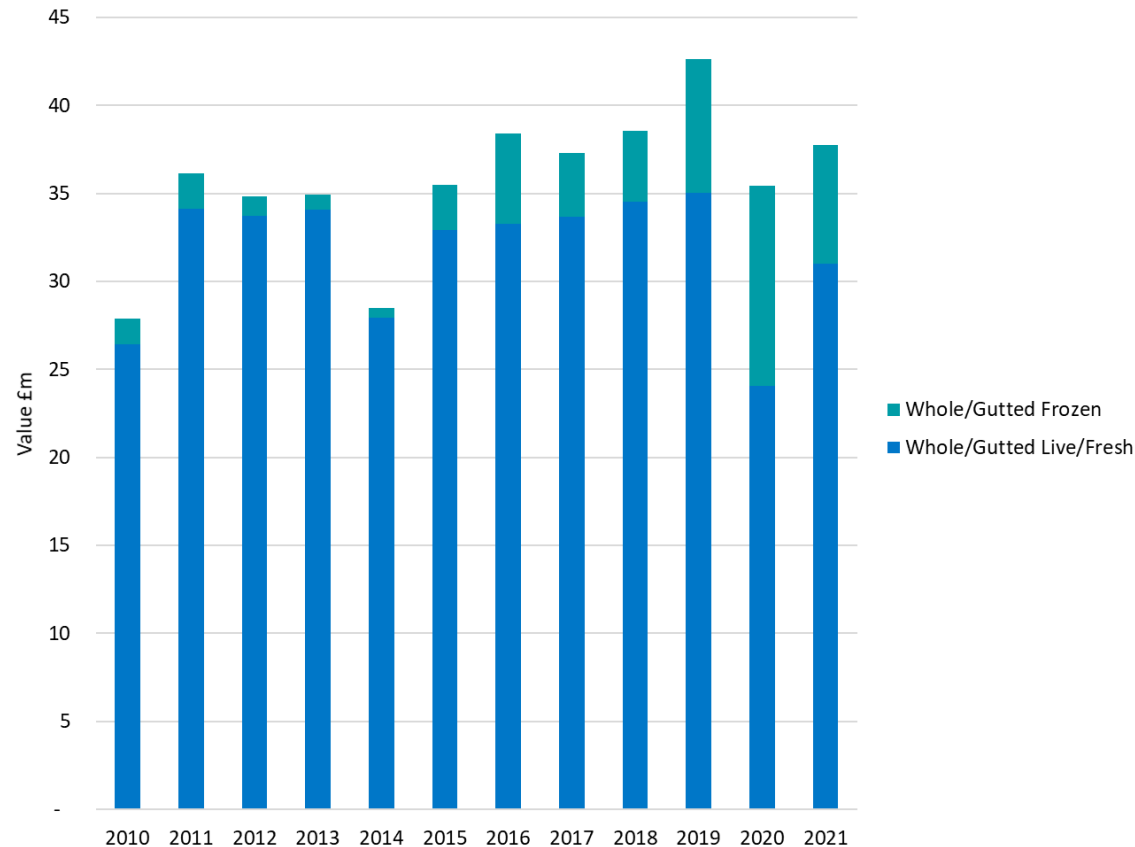
2021 Country of Catfish Import to UK by Value £m



# Total UK Seabass import 2021

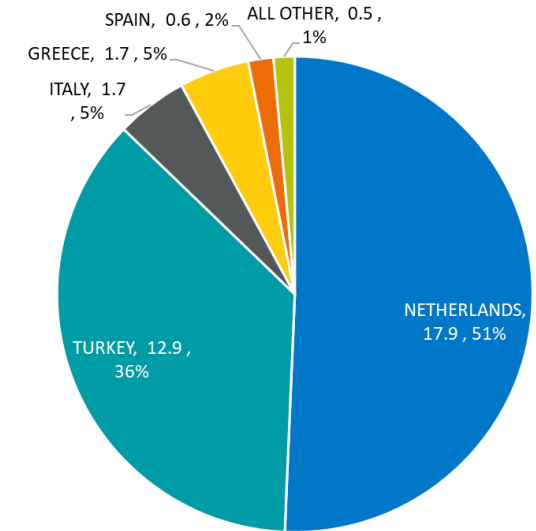
UK IMPORT of Seabass	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£44	£35	£38	6%	-14%
Weight, tonnes	7,593	7,509	7,828	4%	3%
Live Weight (tonnes)	7,674	7,829	8,021	2%	5%
£/Kg	£ 5.75	£ 4.72	£ 4.82	2%	-16%

UK IMPORT of Seabass by Value

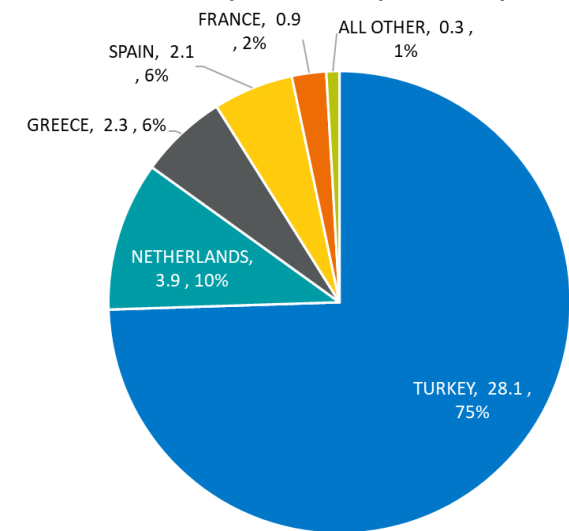


UK Trade: HMRC

2020 Country of Seabass Import to UK by Value £m



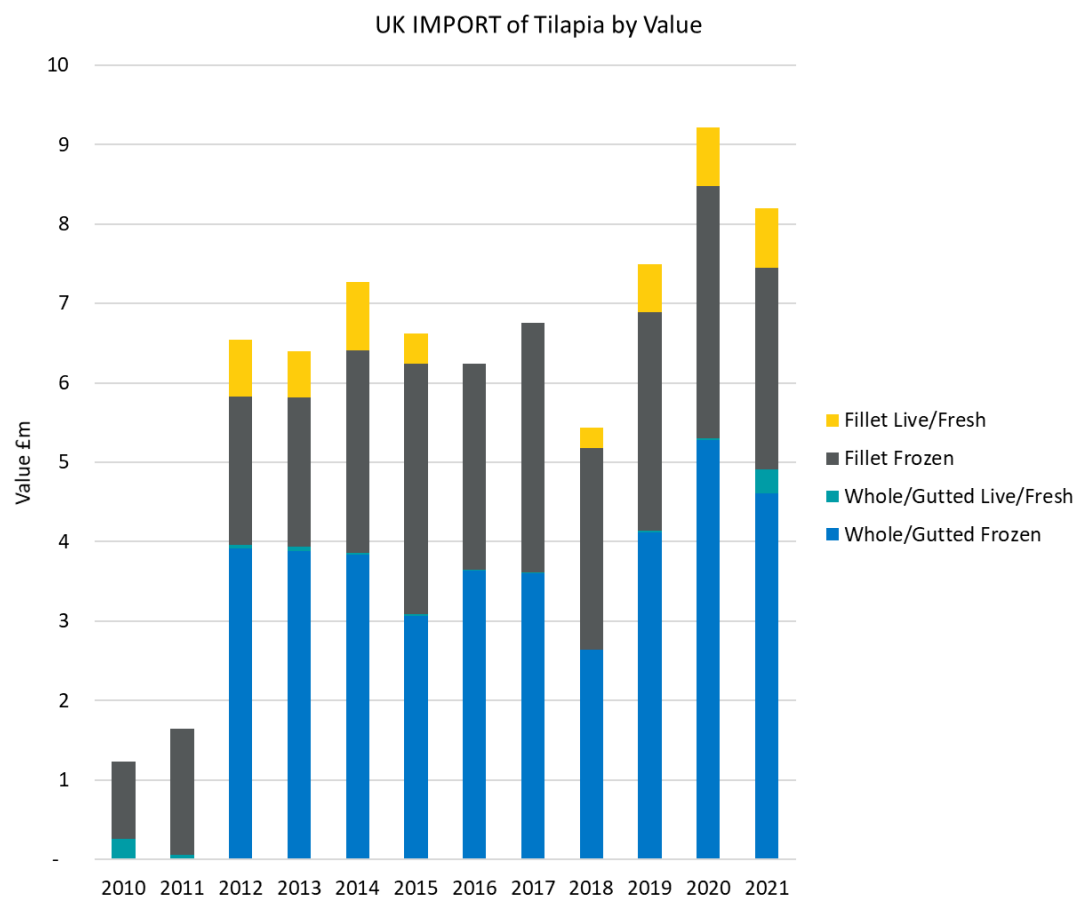
2021 Country of Seabass Import to UK by Value £m





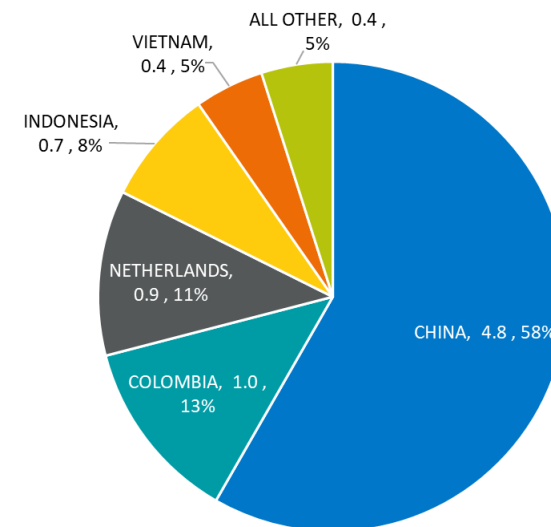
# Total UK Tilapia import 2021

UK IMPORT of Tilapia	2011	2020	2021	1 year % Change	10 year % Change
Real Value £m	£2	£9	£8	-11%	312%
Weight, tonnes	675	5,370	3,947	-27%	485%
Live Weight (tonnes	1,908	8,245	5,861	-29%	207%
£/Kg	£ 2.95	£ 1.72	£ 2.08	21%	-30%

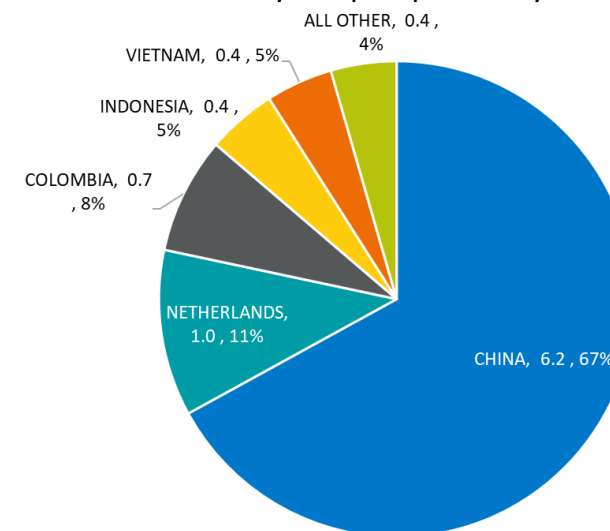


UK Trade: HMRC

2021 Country of Tilapia Import to UK by Value £m



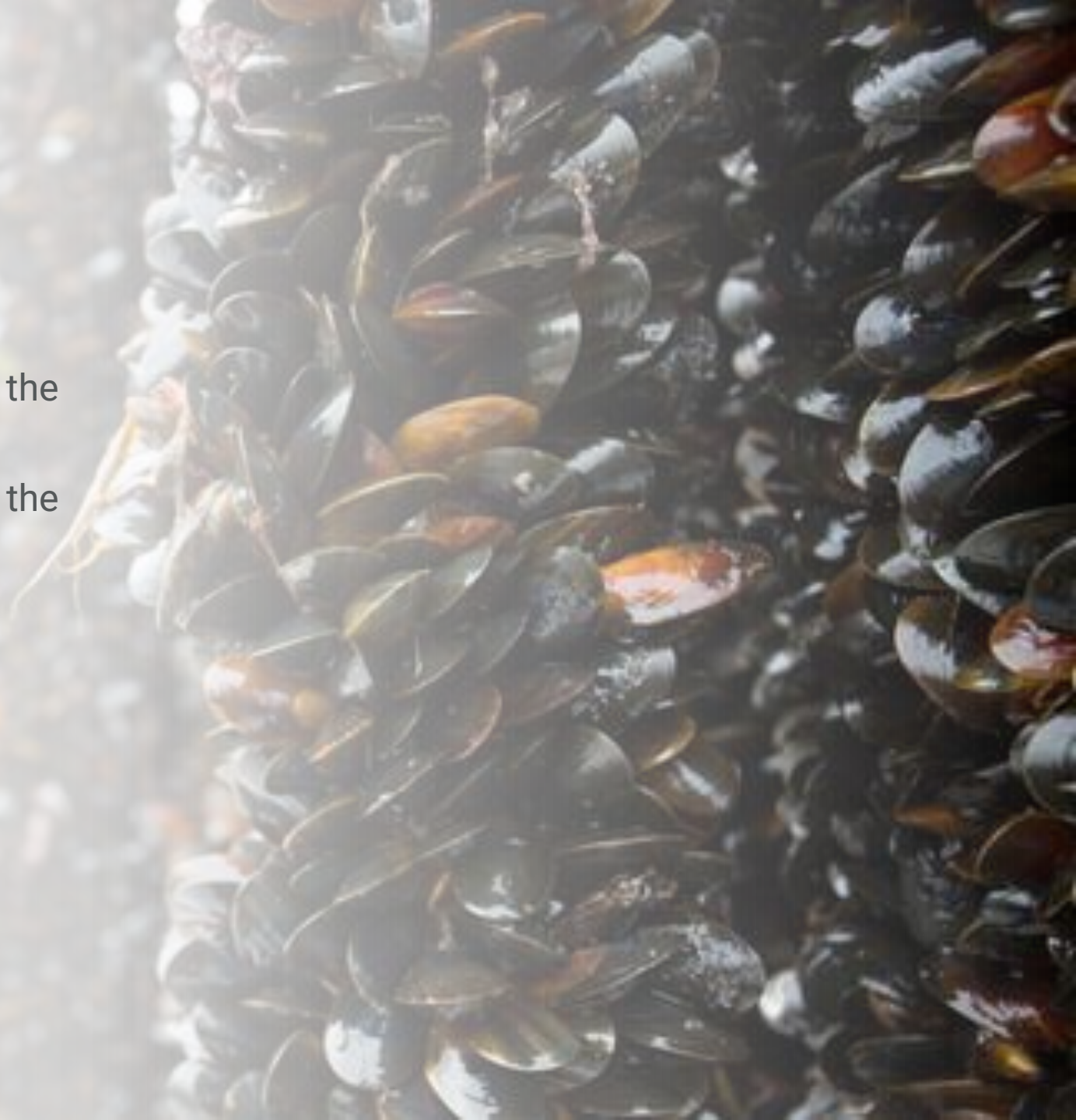
2020 Country of Tilapia Import to UK by Value £m



# Summary

Farmed seafood species:

- ...continue to account for a growing proportion of the UK 'top-five' bestselling seafood species.
- ...continue to account for a growing proportion of the UK's total seafood imports
- ...account for a larger proportion of UKs seafood export value than wild capture species



# Thank you

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