



FEDERATION OF  
EUROPEAN  
AQUACULTURE  
PRODUCERS

# European Aquaculture Production Report 2017-2023 (V1.0)

Prepared by the FEAP secretariat (22 January 2025)

# FEAP Production Report - 2024



The Member Associations of the FEAP provide production data for the activities of their national producers on an annual basis.

The FEAP Secretariat groups this information into European and National reports on production for publication in this document. The information and figures used for the preparation of this report have been provided, for the most part, by the Member Associations of the FEAP while additional data has been sourced from National statistical offices and/or other national sources.

For further statistical information on aquaculture production and values, the FAO provides a wide range of data for global aquaculture and fisheries statistics (FISHSTAT) while Globefish, another initiative of the FAO, represents a network of regional marketing information services that provides data on markets and prices. European trade data can be accessed through EUMOFA – the European Market Observatory for Fisheries and Aquaculture Products (see [www.eumofa.eu](http://www.eumofa.eu)) and EUROSTAT. This FEAP Production report is split up in 2 sections and covers the period 2017-2023.

## Production by country

- Total European production (including EU and non-EU countries)
- EU Member States production
- Non-EU European States production

The individual member countries of FEAP for which detailed production information is covered by this report are :

<b>Belgium</b>	<b>Denmark</b>	<b>Greece</b>	<b>Italy</b>	<b>Poland</b>	<b>Switzerland</b>
<b>Croatia</b>	<b>Finland</b>	<b>Hungary</b>	<b>Malta</b>	<b>Portugal</b>	<b>Türkiye</b>
<b>Cyprus</b>	<b>France</b>	<b>Iceland</b>	<b>Netherlands</b>	<b>Spain</b>	<b>United Kingdom</b>
<b>Czech Republic</b>	<b>Germany</b>	<b>Ireland</b>	<b>Norway</b>	<b>Sweden</b>	

- Some total figures may differ from National figures due to some minor species included in the Total production and not in the National one.
- Credits for fish species illustrations : © Scandinavian Fishing Year Book and © Joseph R. Tomelleri.

# Fish Farming Production in Europe



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Norway	1,306,603	1,353,730	1,447,291	1,492,000	1,661,574	1,664,300	1,584,400
Turkey	263,500	279,000	310,300	310,800	427,800	446,871	414,300
Utd. Kingdom	204,277	171,095	204,119	219,396	193,920	187,570	205,295
Greece	96,611	113,107	124,700	122,100	130,650	131,800	127,600
Spain	64,607	67,425	73,104	63,176	70,231	72,906	82,963
Italy	53,600	58,550	56,815	55,550	57,855	50,330	50,575
Iceland	20,776	19,077	20,594	40,324	52,799	50,796	50,274
Poland	38,886	42,969	44,871	49,195	44,197	46,734	46,684
France	42,977	45,841	46,272	44,860	44,789	42,439	37,684
Denmark	33,654	37,685	44,895	43,898	38,498	36,921	36,921
Croatia	13,914	15,491	17,118	17,373	23,390	25,335	25,140
Hungary	17,517	17,859	16,843	18,478	17,932	18,316	19,119
Malta	-	-	-	11 790	11,790	14,000	18,910
Czech Republic	21,689	21,747	20,986	20,348	20,616	18,886	18,615
Finland	12,314	12,835	13,116	12,358	14,200	14,700	17,320
Germany	14,875	13,805	13,628	13,758	13,758	13,888	13,368
Ireland	20,305	13,041	12,100	14,000	14,000	14,100	9,940
Sweden	9,919	9,914	10,406	10,610	10,410	9,210	8,980
Portugal	5,500	4,448	7,588	7,134	8,777	10,899	8,338
Cyprus	6,512	6,500	8,004	7,500	7,500	7,455	5,612
Netherlands	2,912	4,970	5,230	5,270	5,270	4,550	4,550
Switzerland	-	1,913	2,463	2,354	2,486	2,513	2,691
Belgium	247	265	270	320	280	280	280
<b>Grand total</b>	<b>2,251,195</b>	<b>2,311,299</b>	<b>2,500,713</b>	<b>2,582,592</b>	<b>2,872,722</b>	<b>2,885,231</b>	<b>2,789,559</b>





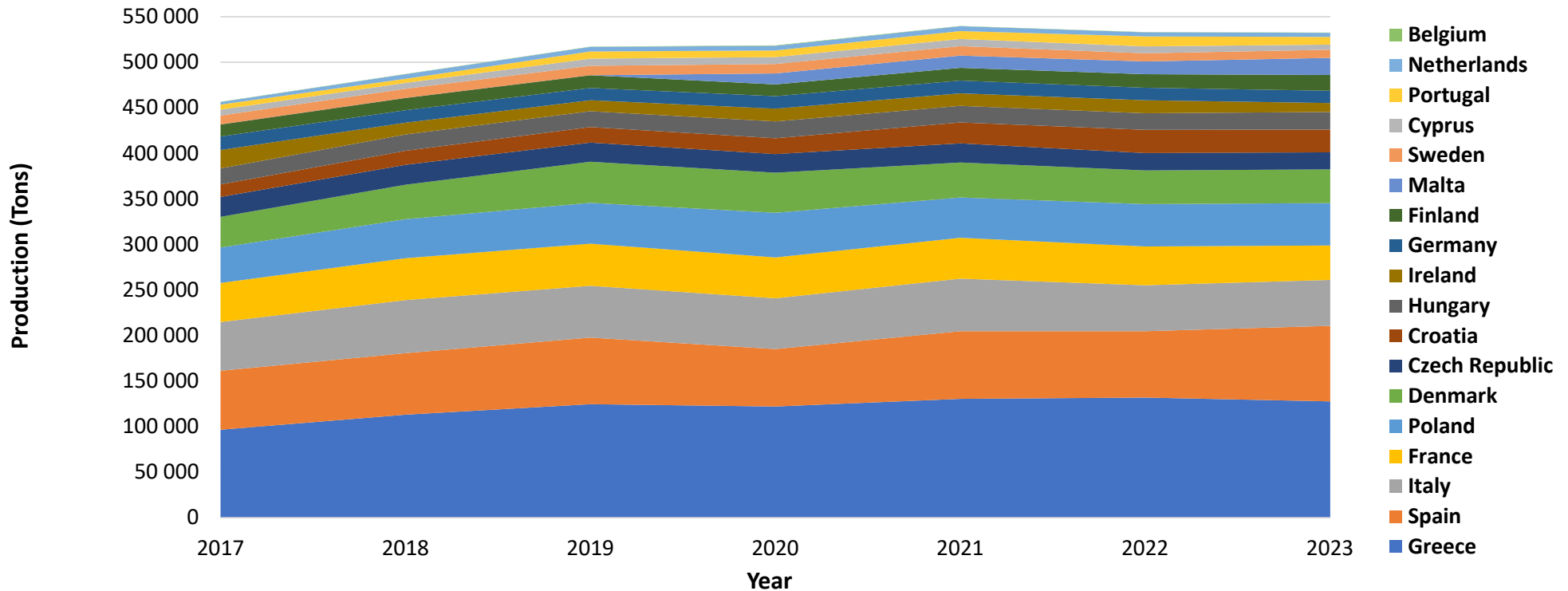
# Fish Farming Production in EU countries



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Greece	96,611	113,107	124,700	122,100	130,650	131,800	127,600
Spain	64,607	67,425	73,104	63,176	70,231	72,906	82,963
Italy	53,600	58,550	56,815	55,550	57,855	50,330	50,575
Poland	38,886	42,969	44,871	49,195	44,197	46,734	46,684
France	42,977	45,841	46,272	44,860	44,789	42,439	37,684
Denmark	33,654	37,685	44,895	43,898	38,498	36,921	36,921
Croatia	13,914	15,491	17,118	17,373	23,390	25,335	25,140
Hungary	17,517	17,859	16,843	18,478	17,932	18,316	19,119
Malta	-	-	-	11,790	11,790	14,000	18,910
Czech Republic	21,689	21,747	20,986	20,348	20,616	18,886	18,615
Finland	12,314	12,835	13,116	12,358	14,200	14,700	17,320
Germany	14,875	13,805	13,628	13,758	13,758	13,888	13,368
Ireland	20,305	13,041	12,100	14,000	14,000	14,100	9,940
Sweden	9,919	9,914	10,406	10,610	10,410	9,210	8,980
Portugal	5,500	4,480	7,588	7,134	8,777	10,899	8,338
Cyprus	6,512	6,500	8,004	7,500	7,500	7,455	5,612
Netherlands	2,912	4,970	5,230	5,270	5,270	4,550	4,550
Belgium	247	265	270	320	280	280	280
<b>Grand total</b>	<b>456,039</b>	<b>486,484</b>	<b>515,946</b>	<b>517,718</b>	<b>534,143</b>	<b>533,181</b>	<b>532,599</b>



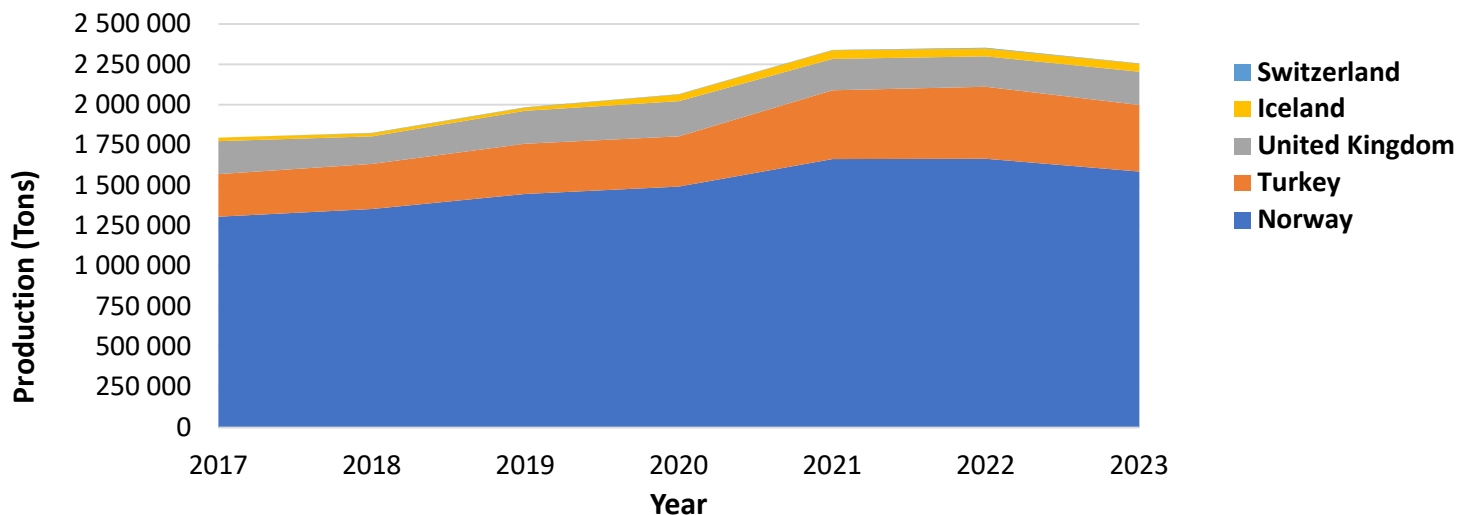
# Fish Farming Production in EU countries



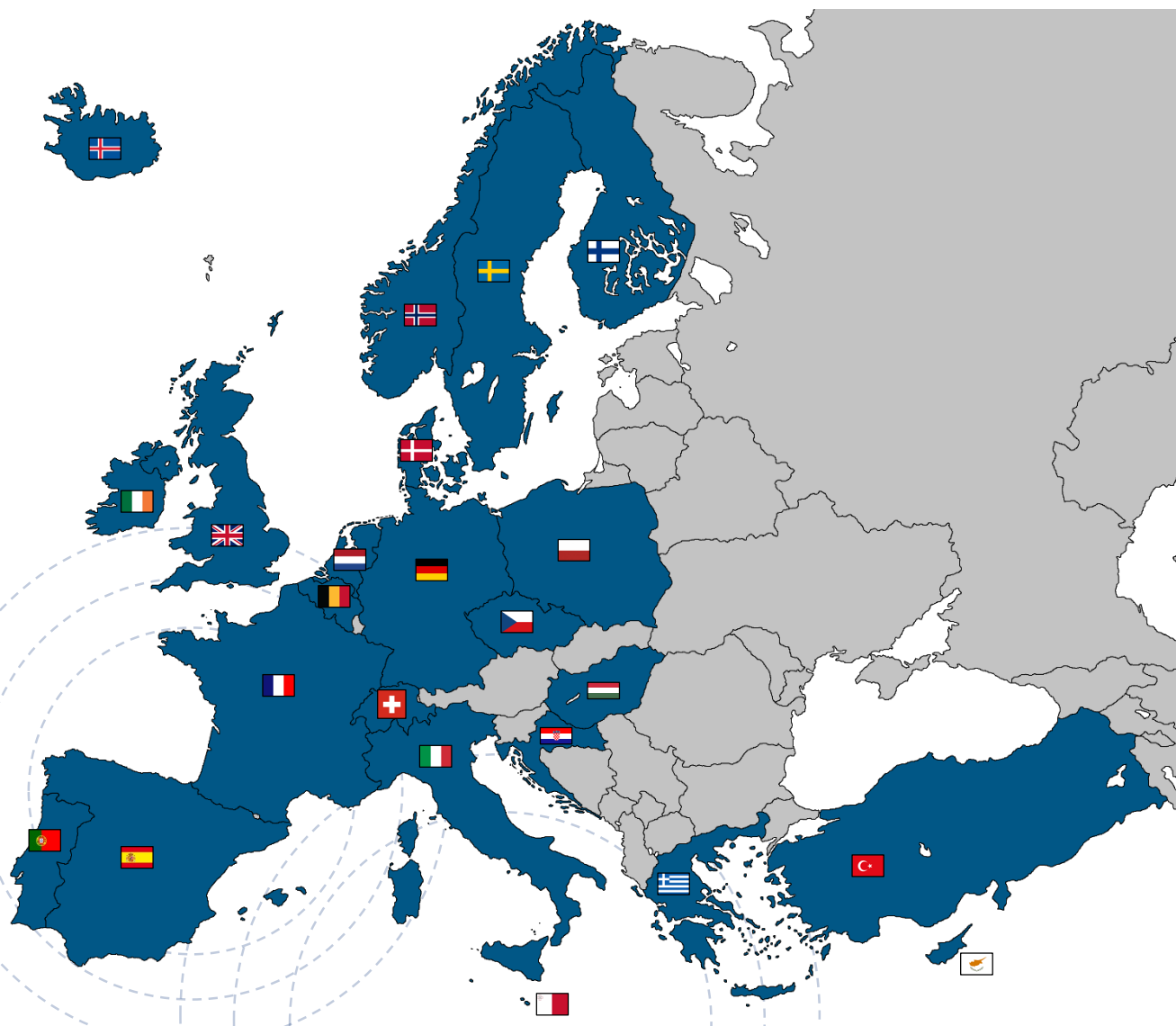
# Fish Farming Production in non-EU countries


























Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Norway	1,306,603	1,353,730	1,447,291	1,492,000	1,661,574	1,664,300	1,584,400
Turkey	263,500	279,000	310,300	310,800	427,800	446,871	414,300
Utd. Kingdom	204,277	171,095	204,119	219,396	193,920	187,570	205,295
Iceland	20,776	19,077	20,594	40,324	52,799	50,796	50,274
Switzerland	-	1,913	2,463	2,354	2,486	2,513	2,691
<b>Grand total</b>	<b>1,795,156</b>	<b>1,824,815</b>	<b>1,984,767</b>	<b>2,064,874</b>	<b>2,338,579</b>	<b>2,352,050</b>	<b>2,256,960</b>



# Fish Farming Production by country



## Member associations in 2023

-  Belgium
-  Croatia
-  Cyprus
-  Czech Republic
-  Denmark
-  Finland
-  France
-  Germany
-  Greece
-  Hungary
-  Iceland
-  Ireland
-  Italy
-  Malta
-  Netherlands
-  Norway
-  Poland
-  Portugal
-  Spain
-  Sweden
-  Switzerland
-  Turkey
-  United Kingdom



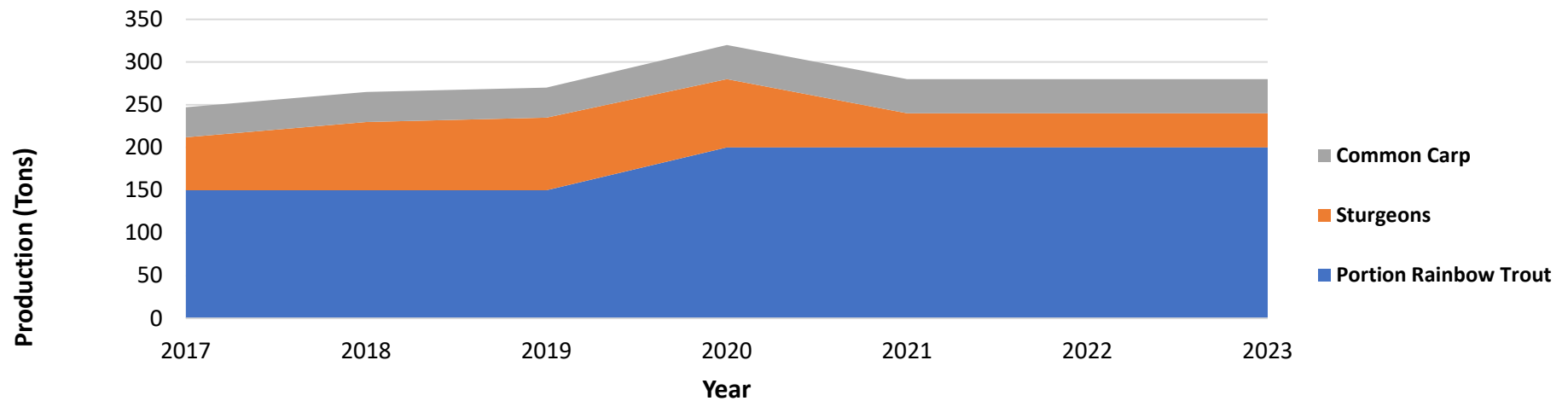


# Belgium



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Portion Rainbow Trout	150	150	150	200	200	200	200
Sturgeons nei	62	80	85	80	40	40	40
Common Carp and other species*	35	35	35	40	40	40	40
<b>Grand total</b>	<b>247</b>	<b>265</b>	<b>270</b>	<b>320</b>	<b>280</b>	<b>280</b>	<b>280</b>

\*other species include Roach, Minnows and other cyprinids

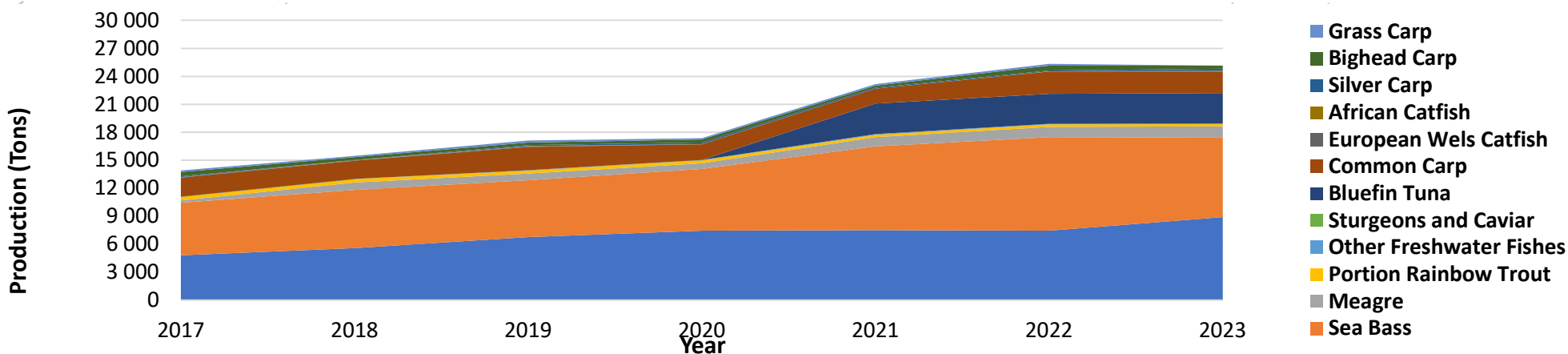




# Croatia



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Sea Bass	5,616	6,220	6,089	6,637	8,967	10,034	8,515
Sea Bream	4,830	5,591	6,774	7,451	7,519	7,462	8,922
Bluefin Tuna	-	-	-	-	3,500	3,200	3,252
Common Carp	2,039	1,959	2,500	1,691	1,585	2,400	2,293
Meagre	253	808	725	593	999	1,090	1,200
Portion Rainbow Trout	395	370	300	300	258	258	258
Bighead carp	477	301	300	326	211	500	323
Grass carp	169	141	200	133	163	200	-
Silver Carp	73	36	100	162	100	100	215
African Catfish	-	20	20	32	19	19	90
European Wels Catfish	40	23	50	-	-	-	-
Other Species*	22	15	55	43	64	67	67
Sturgeons nei	-	7	5	5	5	5	5
<b>Grand total</b>	<b>13,914</b>	<b>15,491</b>	<b>17,118</b>	<b>17,373</b>	<b>23,390</b>	<b>25,335</b>	<b>25,140</b>



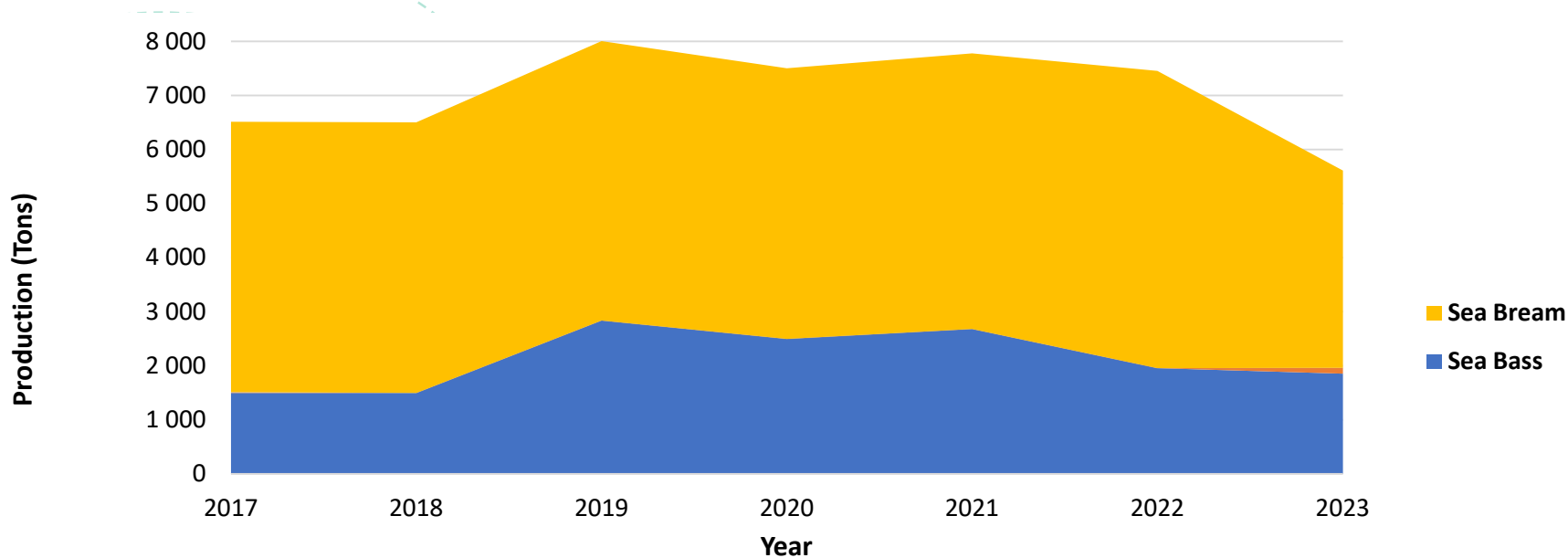
\*other species include Tench, Perch, Pike-Perch, Roach, ...



# Cyprus



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Sea Bream	5,000	5,000	5,168	5,000	5,000	5,496	3,651
Sea Bass	1,500	1,500	2,836	2,500	2,500	1,959	1,854
Sturgeons nei	2	-	-	-	-	-	-
Meagre	10	-	-	-	-	-	107
Grand total	6,512	6,500	8,004	7,500	7,500	7,455	5,612



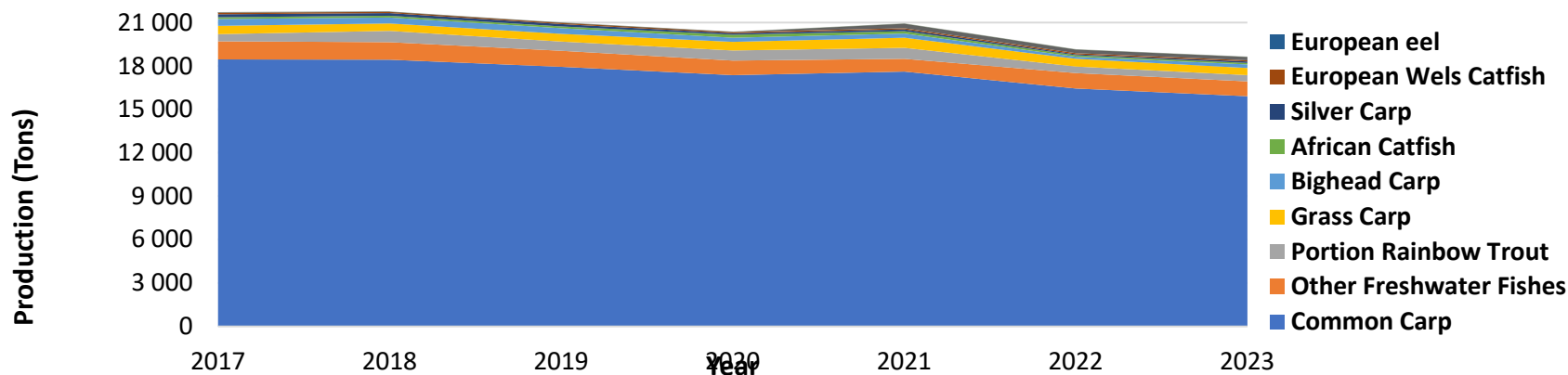


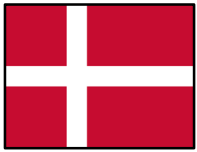
# Czech Republic



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
<b>Common Carp</b>	18,460	18,430	17,945	17,370	17,616	16,437	15,903
<b>Other Species*</b>	1,243	1,223	1,099	999	892	1,084	1,037
<b>Portion Rainbow Trout°</b>	509	784	649	699	761	438	657
<b>Grass carp</b>	567	515	536	611	695	548	496
<b>Bighead carp</b>	473	393	389	269	279	146	245
<b>African Catfish</b>	130	142	125	212	170	92	86
<b>Silver Carp</b>	203	168	167	115	119	63	105
<b>European Wels Catfish</b>	100	91	76	73	84	78	86
<b>Sturgeons nei</b>	2	-	-	-	-	-	-
<b>European eel</b>	2	1	-	-	-	-	-
<b>Grand total</b>	<b>21,689</b>	<b>21,747</b>	<b>20,986</b>	<b>20,348</b>	<b>20,616</b>	<b>18,886</b>	<b>18,615</b>

\*other species include Tench, Perch, Pike-Perch, Roach, ... / ° incl.brook trout

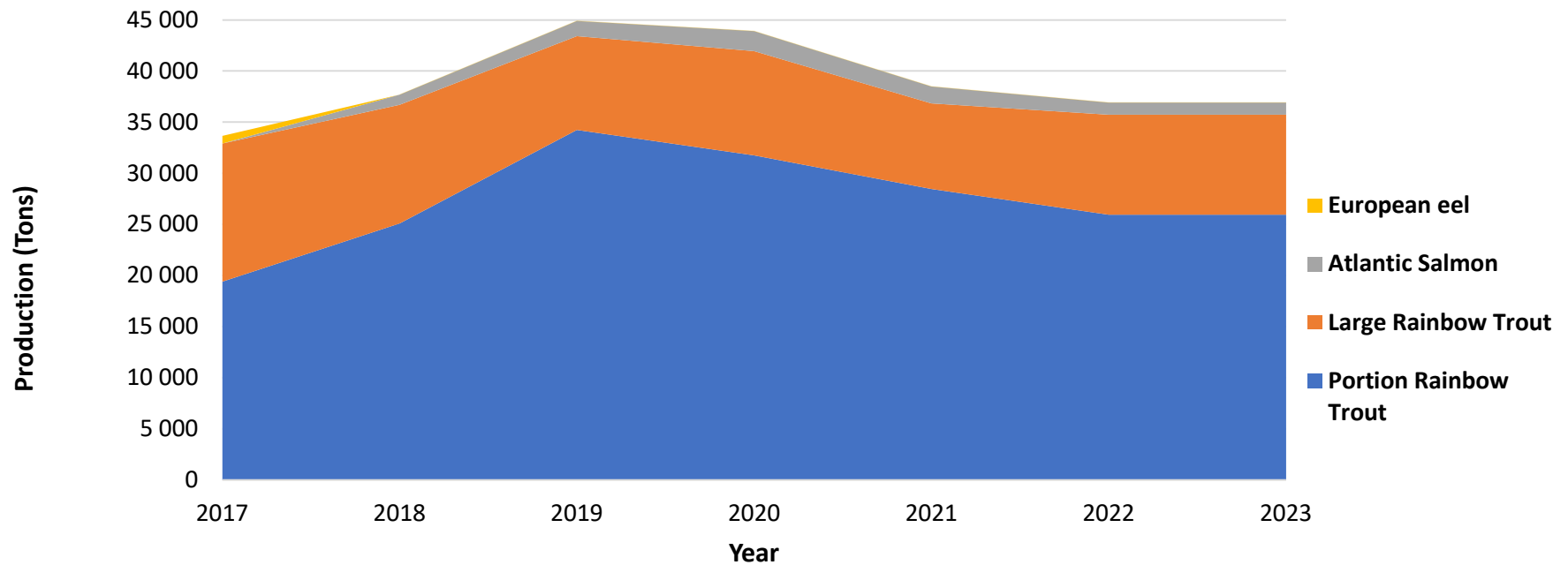




# Denmark



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Portion Rainbow Trout	19,404	25,086	34,232	31,755	28,460	25,940	25,940
Large Trout	13,500	11,599	9,188	10,203	8,363	9,790	9,790
European eel	750	-	-	-	-	-	-
Atlantic salmon	-	1,000	1,475	1,940	1,675	1,191	1,191
<b>Grand total</b>	<b>33,654</b>	<b>37,685</b>	<b>44,895</b>	<b>43,898</b>	<b>38,498</b>	<b>36,921</b>	<b>36,921</b>



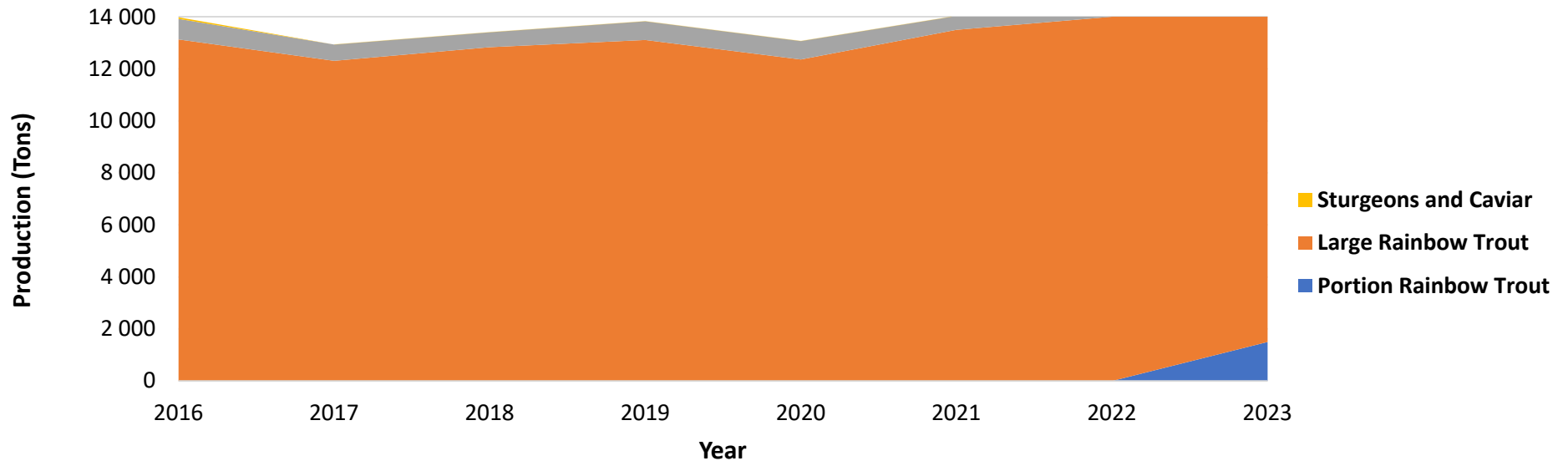


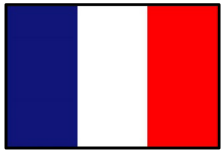
# Finland



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Large Rainbow Trout	12,314	12,835	13,116	12,358	13,500	14,000	15,100
Portion Rainbow Trout	-	-	-	-	-	-	1,500
White fish*	-	-	-	-	700	700	720
<b>Grand total</b>	<b>12,314</b>	<b>12,835</b>	<b>13,116</b>	<b>12,358</b>	<b>14,200</b>	<b>14,700</b>	<b>17,320</b>

\*white fish production was not reported before 2021, illustrated as other salmonids below.



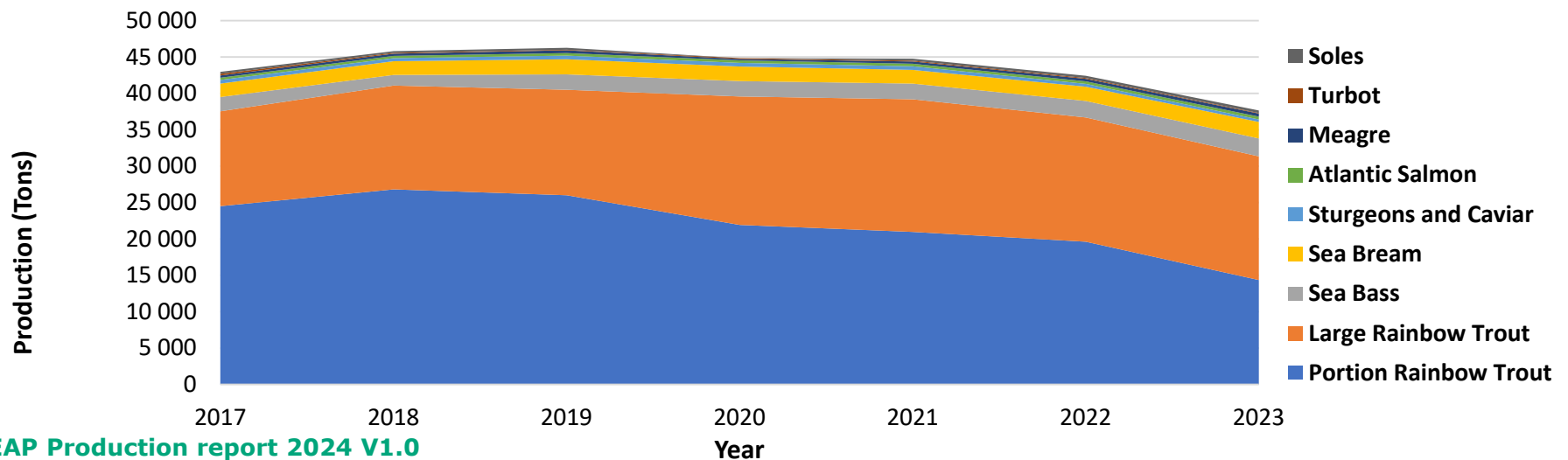


# France



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Portion Rainbow Trout	24,506	26,814	26,000	21,945	20,971	19,619	14,352
Large Rainbow Trout	13,064	14,295	14,500	17,655	18,254	17,076	17,014
Sea Bass	1,945	1,433	2,123	2,100	2,128	2,273	2,463
Sea Bream	1,853	1,879	2,081	2,000	1,881	1,987	2,263
Sturgeons nei	500	453	500	500	500	355	355
Atlantic salmon	300	300	360	360	360	360	360
Meagre	326	289	390	200	304	360	420
Sole	276	262	253	-	291	309	357
Turbot	207	116	65	100	100	100	100
Other Species*	-	-	-	-	-	-	-
Common Carp	-	-	-	-	-	-	-
<b>Grand total</b>	<b>42,977</b>	<b>45,841</b>	<b>46,272</b>	<b>44,860</b>	<b>44,789</b>	<b>42,439</b>	<b>37,684</b>

\*other species include Tench, Perch, Pike-Perch, Roach, ...

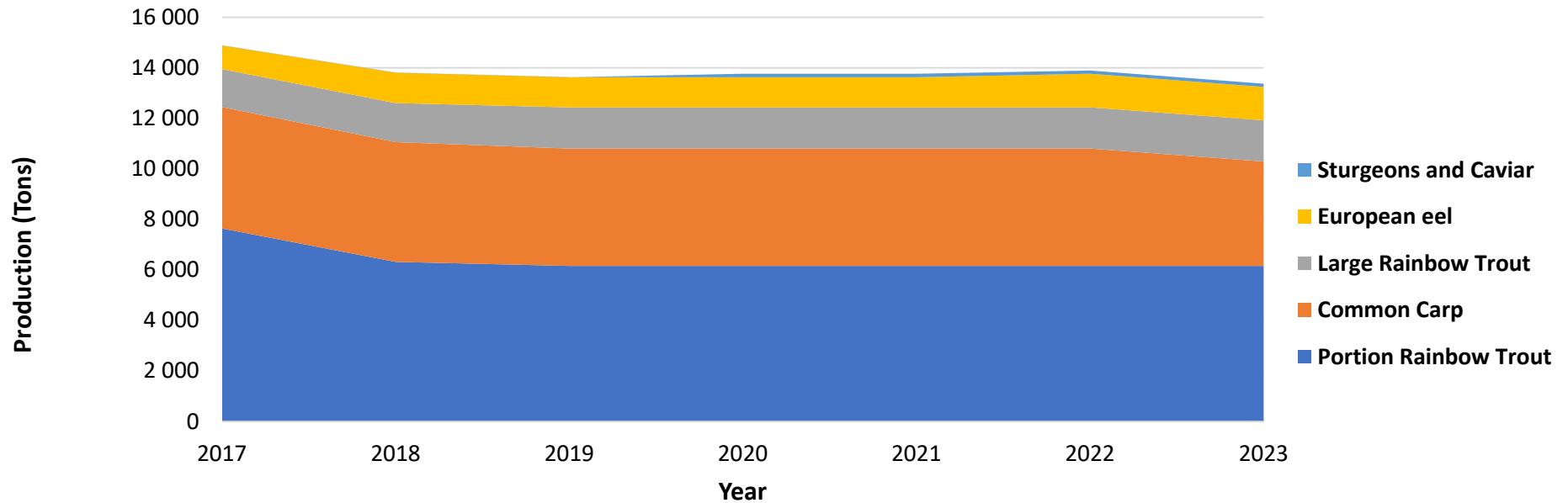




# Germany



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Portion Rainbow Trout	7,642	6,315	6,158	6,158	6,158	6,158	6,158
Common Carp	4,800	4,746	4,641	4,641	4,641	4,641	4,131
Large Rainbow Trout	1,506	1,537	1,627	1,627	1,627	1,627	1,627
European eel	927	1,207	1,202	1,202	1,202	1,332	1,322
Sturgeons nei	-	-	-	130	130	130	130
<b>Grand total</b>	<b>14,875</b>	<b>13,805</b>	<b>13,628</b>	<b>13,758</b>	<b>13,758</b>	<b>13,888</b>	<b>13,368</b>



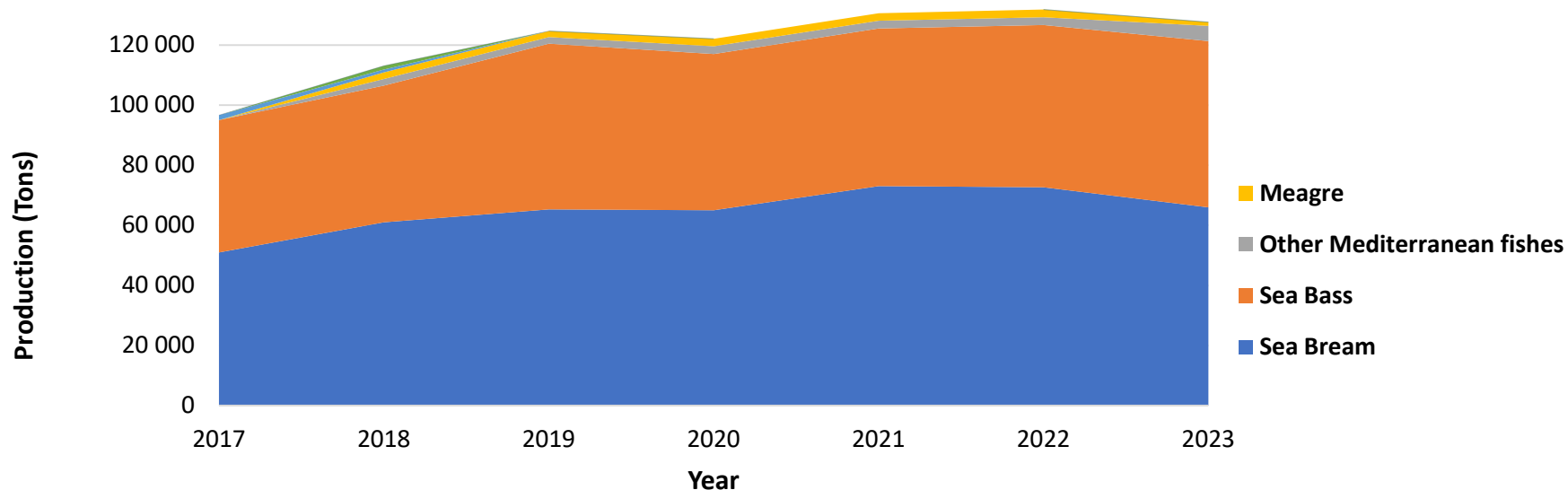




# Greece



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Sea Bream	51,000	61,000	65,300	65,000	73,050	72,700	66,000
Sea Bass	44,000	45,500	55,200	52,000	52,500	54,000	55,300
Meagre	-	2,200	2,000	2,500	2,500	2,500	1,200
Pagrus	-	2,200	2,200	2,600	2,600	2,600	5,100
Portion Rainbow Trout	1,611	1,000	-	-	-	-	-
European eel	-	1,207	-	-	-	-	-
<b>Grand total</b>	<b>96,611</b>	<b>113,107</b>	<b>124,700</b>	<b>122,100</b>	<b>130,650</b>	<b>131,800</b>	<b>127,600</b>



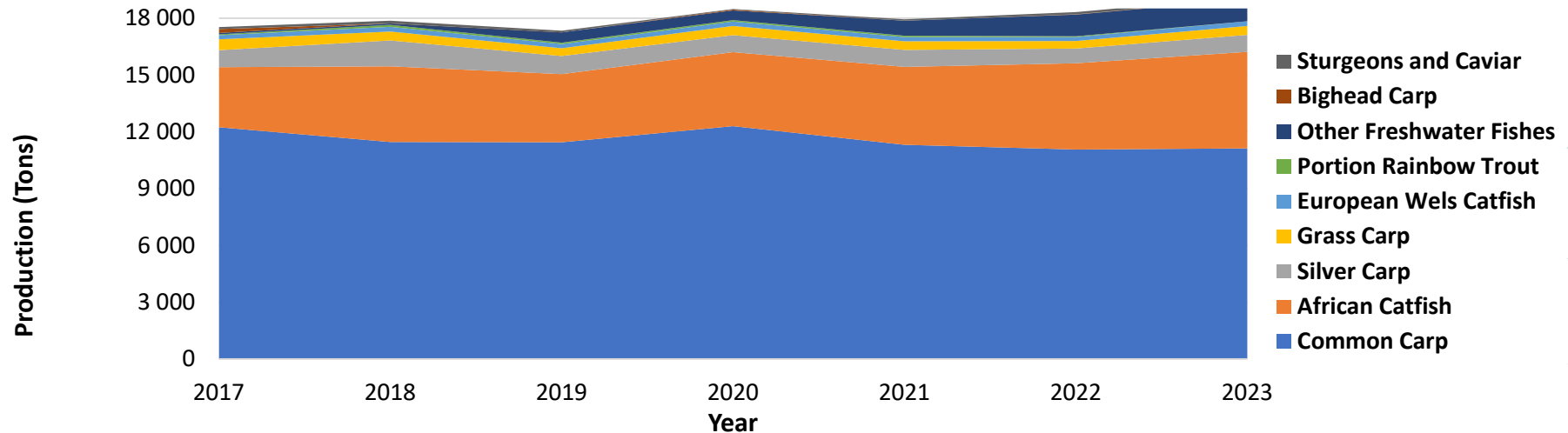


# Hungary



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Common Carp	12,240	11,462	11,436	12,300	11,309	11,057	11,117
African Catfish	3,174	3,987	3,610	3,900	4,108	4,558	5,100
Silver Carp	883	1,370	943	900	896	773	897
Grass carp	579	474	425	476	465	402	471
European Wels Catfish	216	252	206	242	216	198	253
Bighead carp	205	-	-	50	7	14	16
Sturgeons nei	97	139	87	28	71	124	124
Other Species*	69	76	60	506	786	1,141	1,141
Portion Rainbow Trout	54	99	76	76	74	49	-
<b>Grand total</b>	<b>17,517</b>	<b>17,859</b>	<b>16,843</b>	<b>18,478</b>	<b>17,932</b>	<b>18,316</b>	<b>19,119</b>

\*other species include Tench, Perch, Pike-Perch, Roach, ...

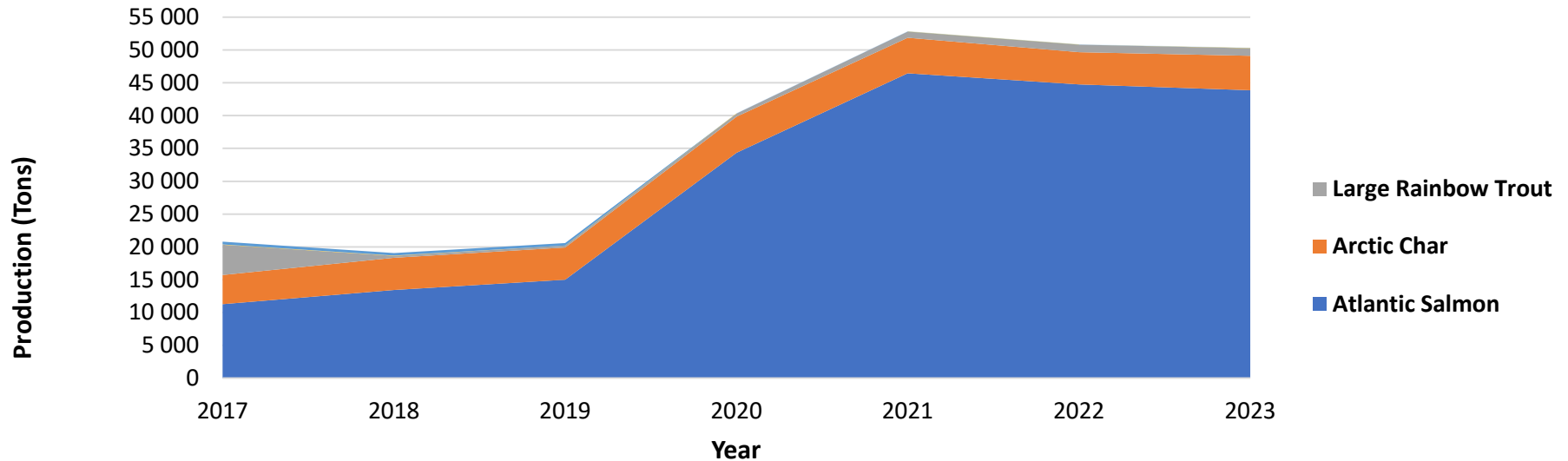




# Iceland



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Atlantic salmon	11,265	13,448	15,000	34,341	46,458	44,734	43,866
Arctic Char	4,454	4,914	4,914	5,493	5,390	4,931	5,248
Large Trout	4,628	295	299	490	951	1,131	1,131
Sole	-	-	-	-	-	-	-
Senegal Flounder	400	391	377	-	-	-	-
Cod	29	29	4	-	-	-	29
<b>Grand total</b>	<b>20,776</b>	<b>19,077</b>	<b>20,594</b>	<b>40,324</b>	<b>52,799</b>	<b>50,796</b>	<b>50,274</b>

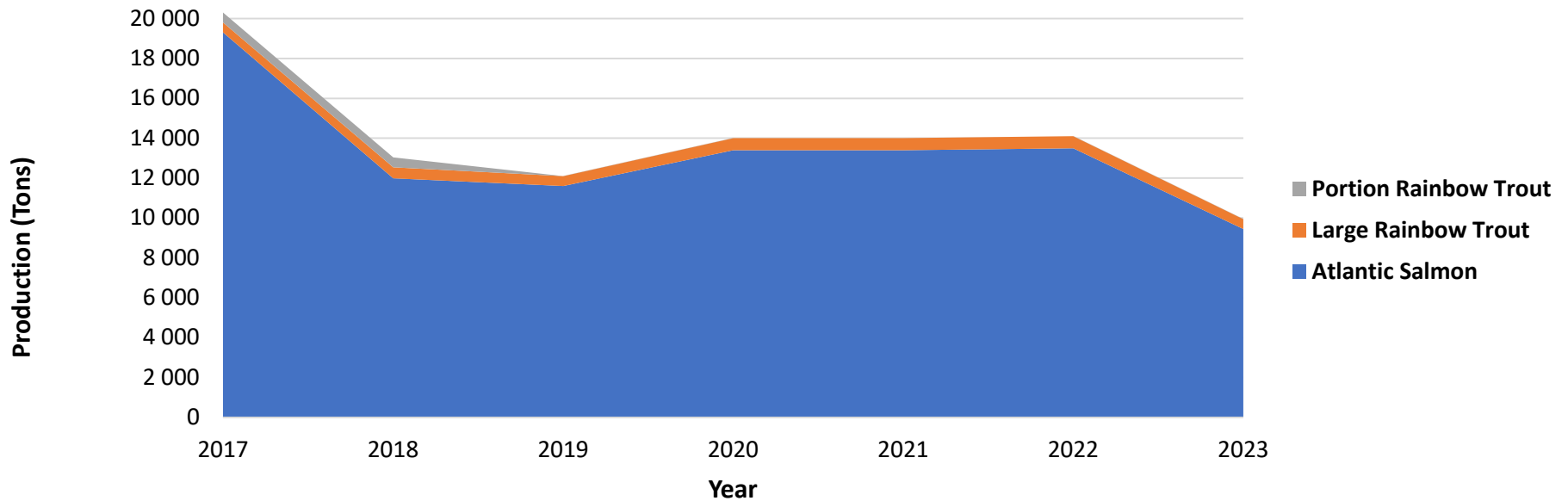




# Ireland



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Atlantic salmon	19,305	11,984	11,600	13,400	13,400	13,500	9,452
Large Trout	500	557	500	600	600	600	488
Portion Rainbow Trout	500	500	-	-	-	-	-
<b>Grand total</b>	<b>20,305</b>	<b>13,041</b>	<b>12,100</b>	<b>14,000</b>	<b>14,000</b>	<b>14,100</b>	<b>9,940</b>

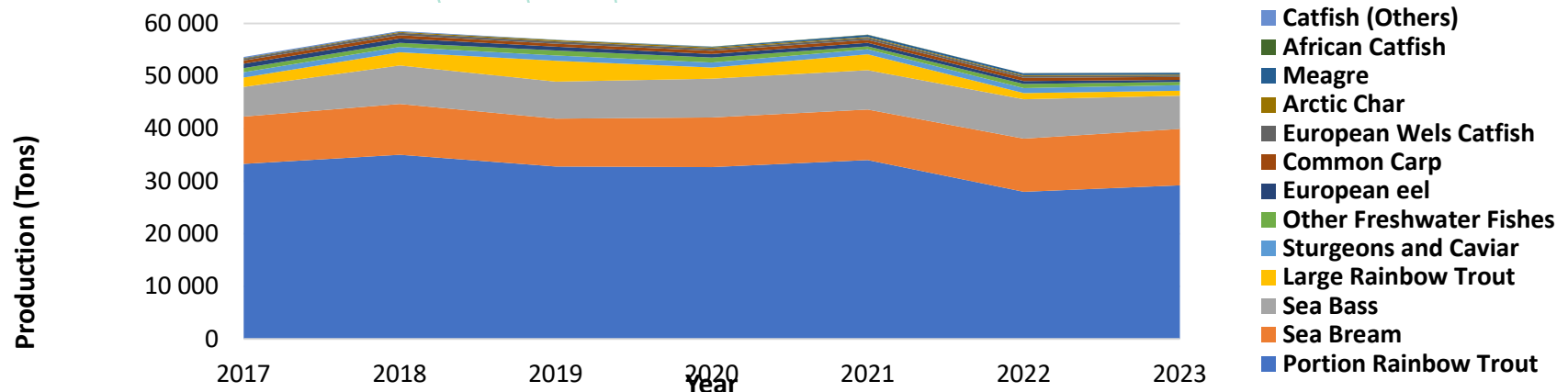


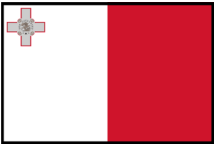


# Italy



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Portion Rainbow Trout	33,300	35,000	32,800	32,700	34,000	27,975	29,200
Sea Bream	9,000	9,700	9,100	9,400	9,600	10,100	10,750
Sea Bass	5,600	7,300	7,000	7,400	7,500	7,500	6,300
Large Rainbow Trout	1,800	2,500	4,000	2,100	3,000	1,200	950
Sturgeons nei	1,000	1,000	1,000	950	950	950	1,050
European eel	850	850	750	700	650	550	400
Other Species*	800	800	900	950	580	780	600
Common Carp	600	600	550	600	600	600	550
Channel Catfish	350	450	450	400	375	350	300
Meagre	-	-	50	100	400	300	300
Arctic Char	100	150	175	200	175	175	175
Black Bullhead	200	200	-	-	-	-	-
African Catfish	-	-	40	50	25	25	-
<b>Grand total</b>	<b>53,600</b>	<b>58,550</b>	<b>56,815</b>	<b>55,550</b>	<b>57,855</b>	<b>50,505</b>	<b>50,575</b>



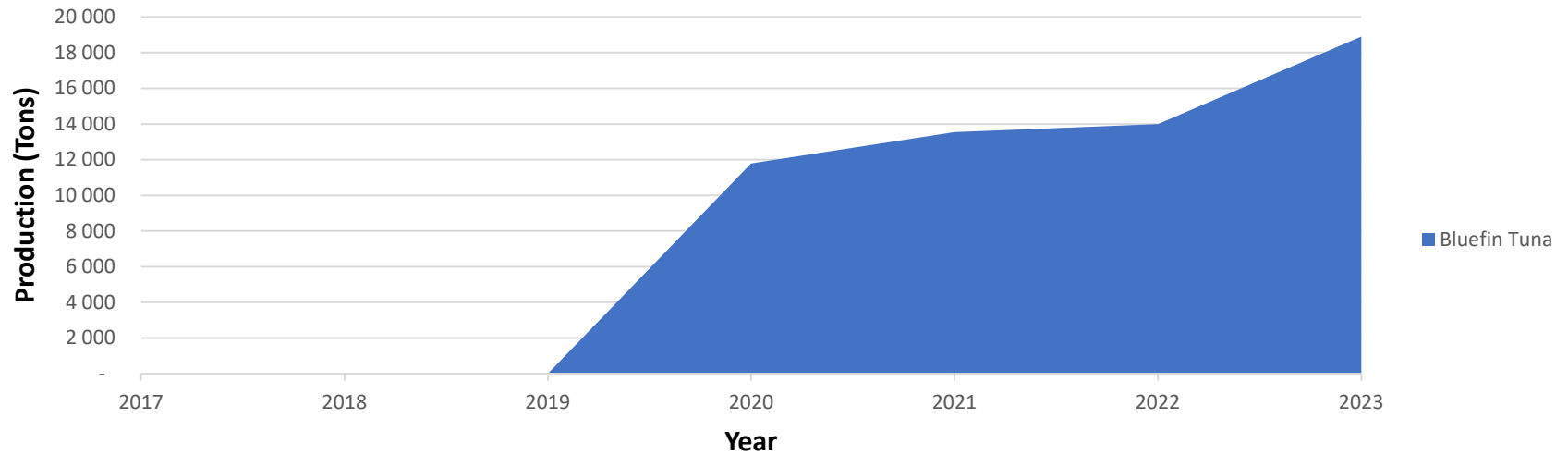


# Malta



Production (Tons)	Year			
	2020	2021	2022	2023
<b>Bluefin Tuna</b>	11,790	13,549	14,000	18,910
<b>Grand total</b>	<b>11,790</b>	<b>13,549</b>	<b>14,000</b>	<b>18,910</b>

The figure for 2021 is not reflected in the Total Production figures.

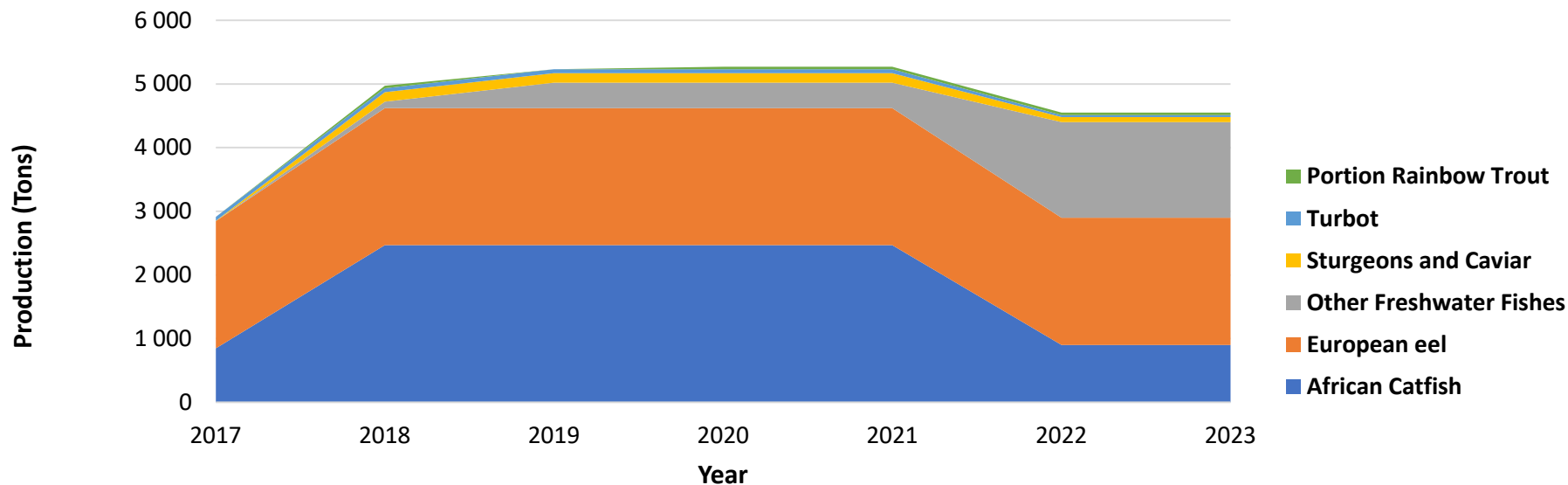




# Netherlands



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
European eel	2,000	2,150	2,150	2,150	2,150	2,000	2,000
African Catfish	847	2,470	2,470	2,470	2,470	900	900
Turbot	60	60	60	60	60	30	30
Sturgeons nei	5	150	150	150	150	80	80
Portion Rainbow Trout	-	40	-	40	40	40	40
Other Species (classe)	-	100	400	400	400	1,500	1,500
<b>Grand total</b>	<b>2,912</b>	<b>4,970</b>	<b>5,230</b>	<b>5,270</b>	<b>5,270</b>	<b>4,550</b>	<b>4,550</b>

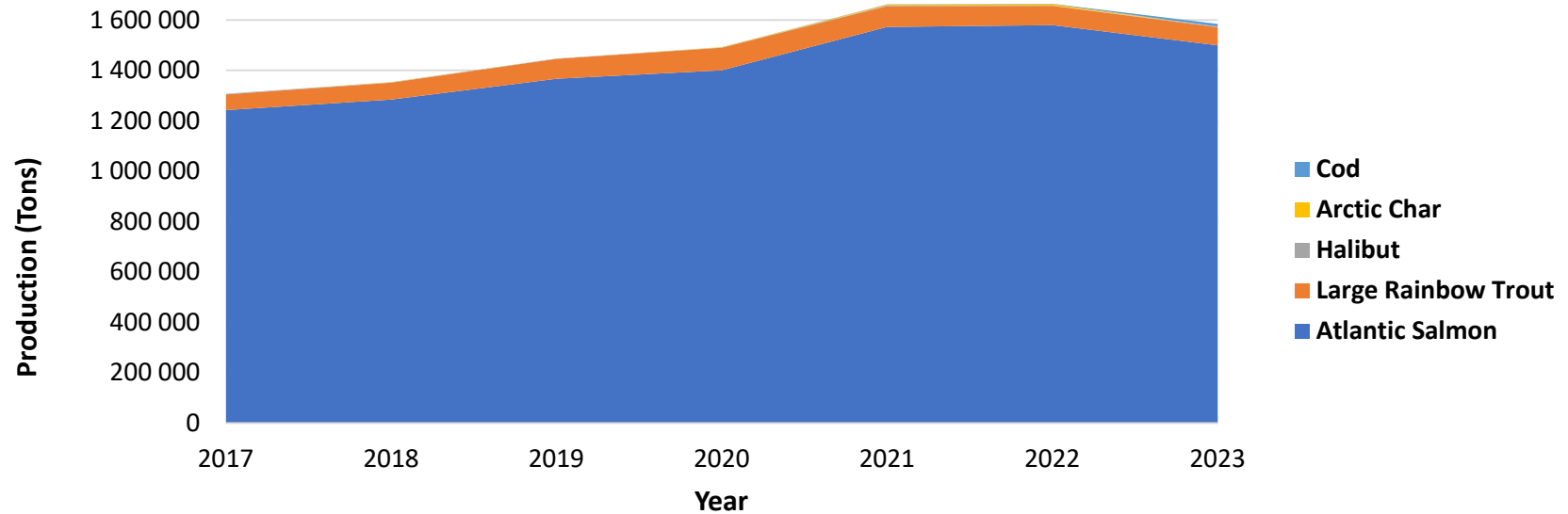




# Norway



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Atlantic salmon	1,243,106	1,284,770	1,367,082	1,400,000	1,572,157	1,580,000	1,500,000
Large Trout	61,418	66,337	78,320	90,000	83,617	76,000	71,500
Halibut	1,623	1,843	1,524	1,500	1,800	1,800	2,300
Arctic Char	339	285	365	500	4,000	6,000	600
10Cod	117	495	-	-	-	500	10,000
<b>Grand total</b>	<b>1,306,603</b>	<b>1,353,730</b>	<b>1,447,291</b>	<b>1,492,000</b>	<b>1,661,574</b>	<b>1,664,300</b>	<b>1,584,400</b>



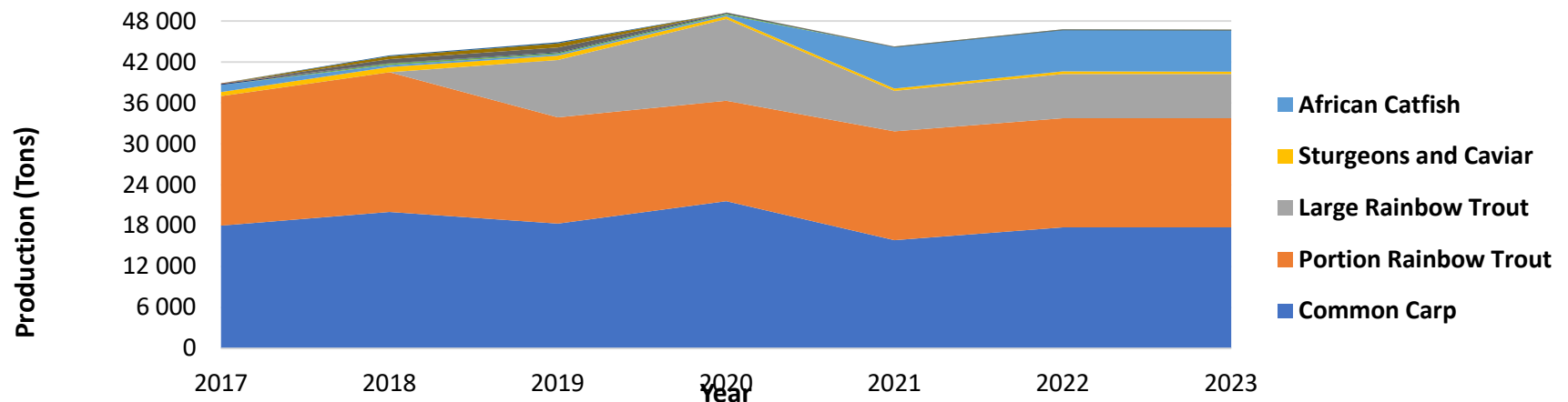




# Poland



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Portion Rainbow Trout	19,000	20,500	15,600	14,725	15,955	16,000	16,000
Common Carp	18,000	20,000	18,300	21,600	15,880	17,750	17,750
Large Rainbow Trout	-	-	8,400	12,000	5,918	6,500	6,500
Sturgeons nei	600	750	650	384	344	384	334
Bighead carp	-	570	680	-	-	-	-
Grass carp	-	450	600	-	-	-	-
African Catfish	1,000	300	185	185	6,100	6,100	6100
Other Species*	-	210	170	170	-	-	-
Silver Carp	-	112	155	-	-	-	-
European Wels Catfish	200	76	120	120	-	-	-
European eel	86	1	11	11	-	-	-
<b>Grand total</b>	<b>38,886</b>	<b>42,969</b>	<b>44,871</b>	<b>49,195</b>	<b>44,197</b>	<b>46,734</b>	<b>46,684</b>

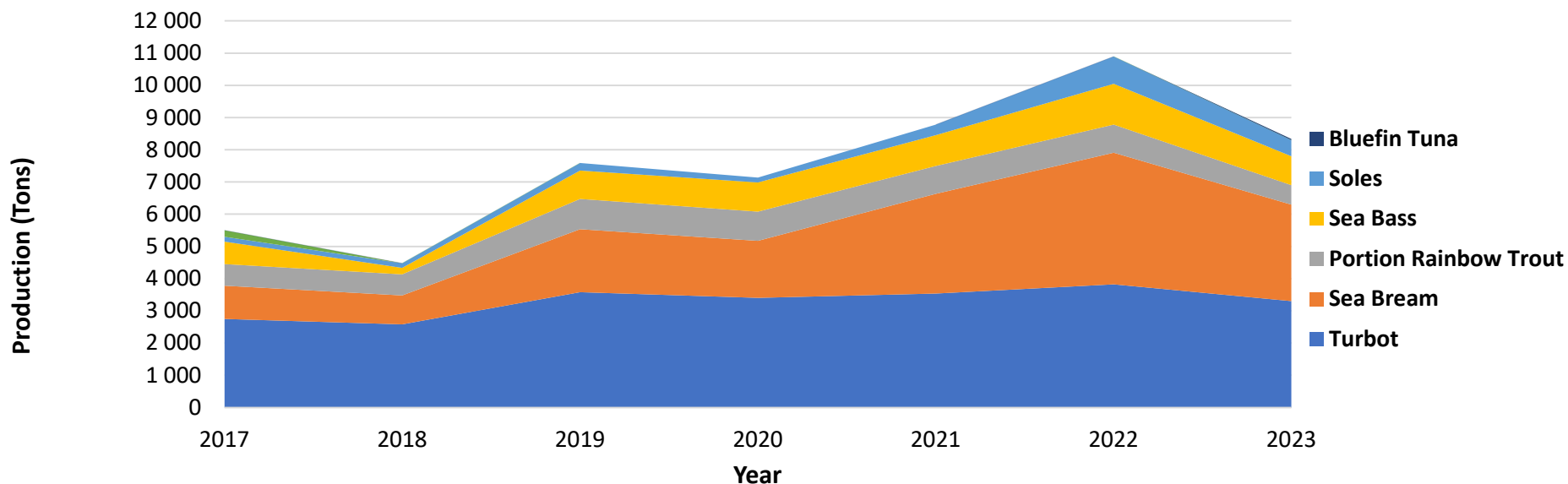




# Portugal



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Turbot	2,745	2,582	3,580	3,407	3,538	3,825	3,300
Sea Bream	1,038	898	1,953	1,768	3,091	4,085	3,000
Portion Rainbow Trout	665	655	939	904	867	867	600
Sea Bass	701	200	882	904	954	1,275	900
Sole	151	145	234	151	327	847	500
European eel	200	-	-	-	-	-	-
Bluefin tuna	-	-	-	-	-	-	38
<b>Grand total</b>	<b>5,500</b>	<b>4,480</b>	<b>7,588</b>	<b>7,134</b>	<b>8,777</b>	<b>10,899</b>	<b>8,338</b>

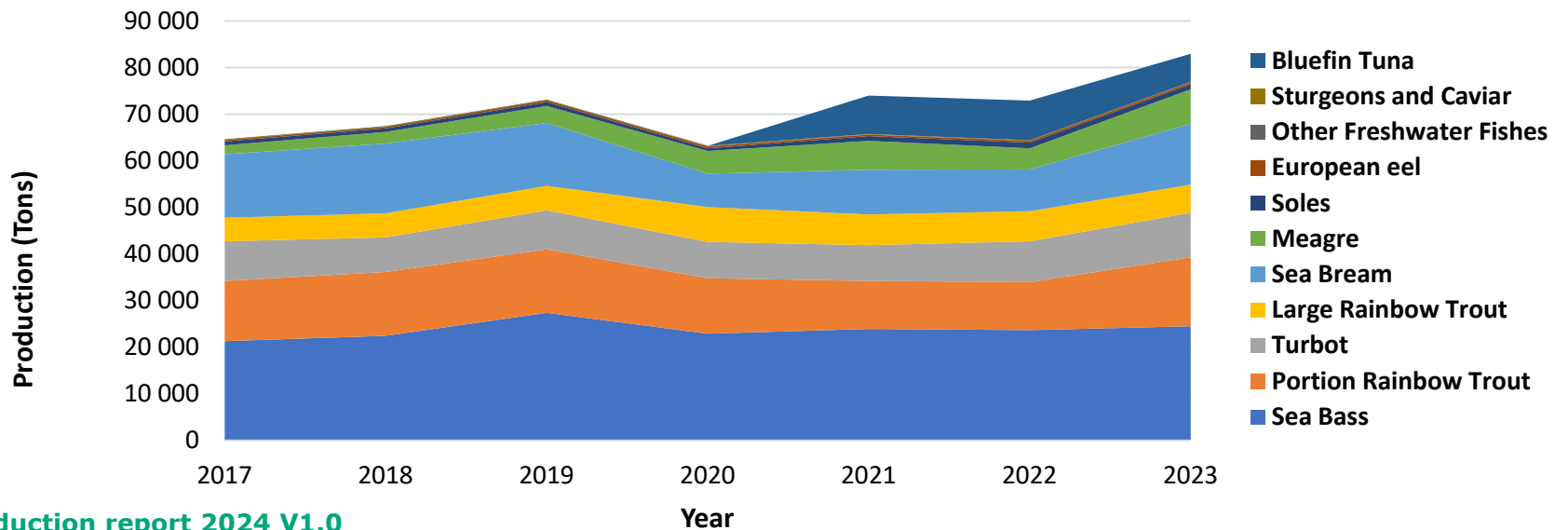




# Spain



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Sea Bass	21,269	22,460	27,335	22,886	23,934	23,622	24,500
Portion Rainbow Trout	12,922	13,671	13,680	11,900	10,308	10,310	14,757
Sea Bream	13,643	14,930	13,521	7,170	9,632	8,932	13,100
Turbot	8,546	7,450	8,358	7,780	7,629	8,766	9,600
Large Rainbow Trout	5,025	5,185	5,250	7,500	6,591	6,508	6,000
Meagre	1,932	2,500	3,650	4,840	6,167	4,558	7,400
Tuna	-	-	-	-	4,500	8,500	6,000
Sole	830	774	818	620	1,020	1,222	1,100
European eel/Tench	330	330	360	360	320	367	376
Sturgeons nei	110	125	132	120	130	121	130
<b>Grand total</b>	<b>64,607</b>	<b>67,425</b>	<b>73,104</b>	<b>63,176</b>	<b>70,231</b>	<b>72,906</b>	<b>82,963</b>

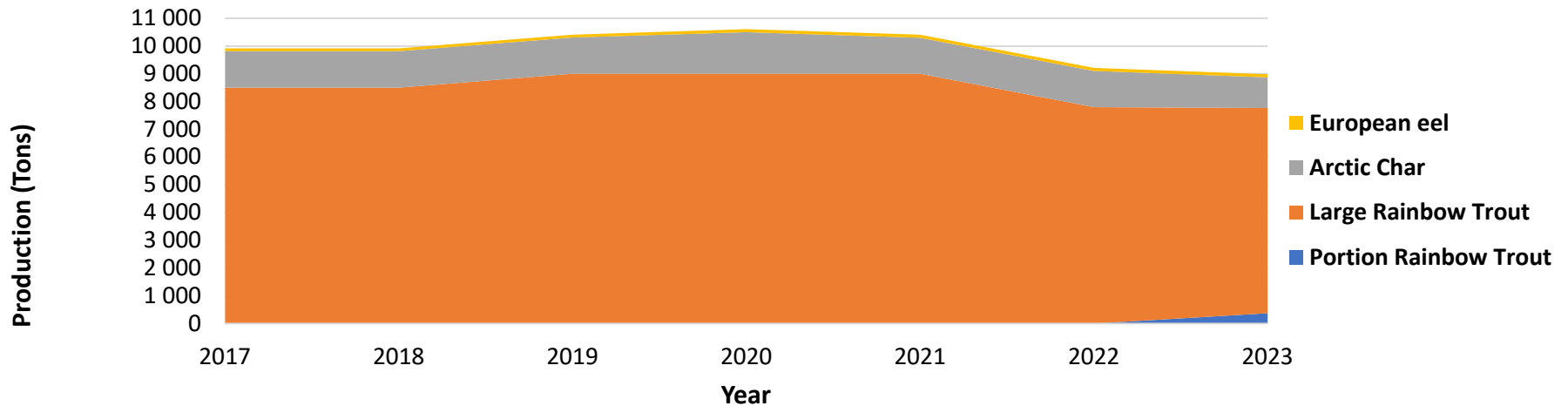




# Sweden



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Large Trout	8,504	8,504	9,000	9,000	9,000	7,800	7,400
Arctic Char	1,310	1,310	1,310	1,500	1,300	1,300	1,100
Portion Trout	-	-	-	-	-	-	370
European eel	105	100	96	110	110	110	110
<b>Grand total</b>	<b>9,919</b>	<b>9,914</b>	<b>10,406</b>	<b>10,610</b>	<b>10,410</b>	<b>9,210</b>	<b>8,980</b>



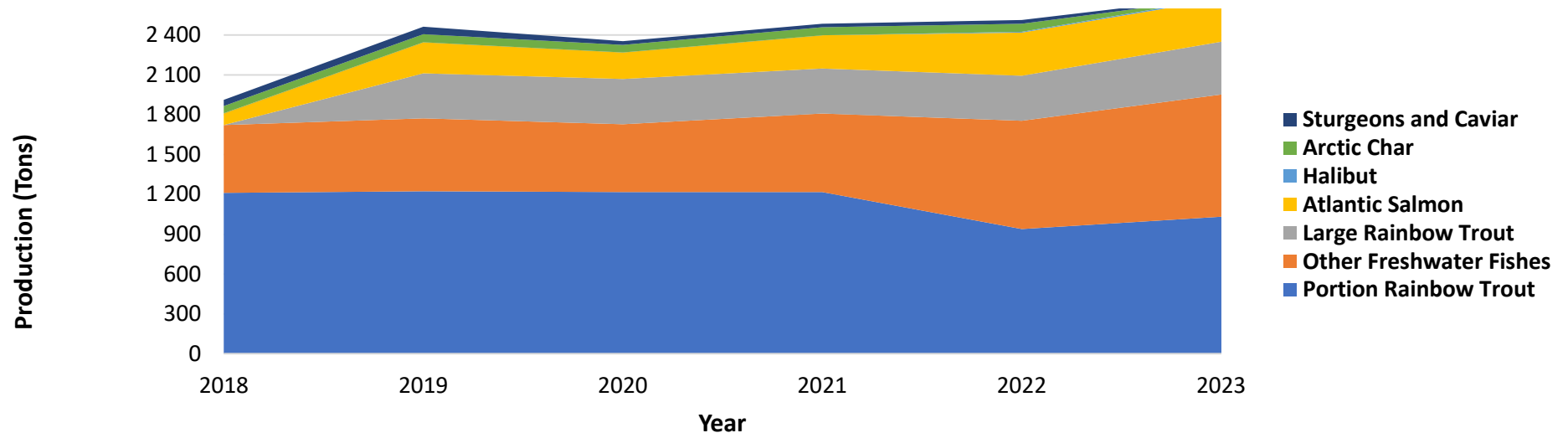


# Switzerland



Production (Tons)	Year					
	2018	2019	2020	2021	2022	2023
Portion Rainbow Trout	1,213	1,224	1,219	1,219	940	1,032
Other Species*	509	548	510	590	815	920
Large Rainbow Trout	-	340	340	340	340	399
Atlantic salmon	89	234	200	250	325	320
Arctic Char/Halibut	55	61	58	60	66	10
Sturgeons nei	47	56	27	27	27	10
<b>Grand total</b>	<b>1,913</b>	<b>2,463</b>	<b>2,354</b>	<b>2,486</b>	<b>2,513</b>	<b>2,691</b>

\*other species include Tench, Perch, Pike-Perch, Roach, ...

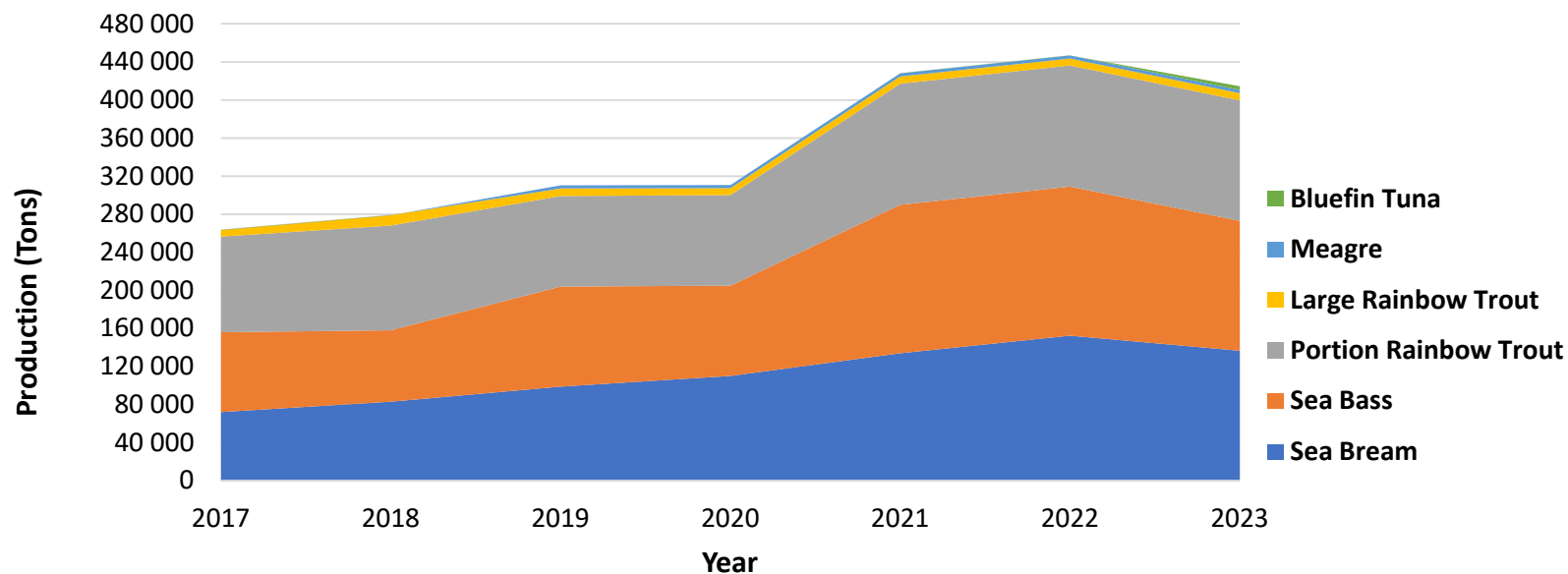




# Turkey



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Sea Bass	84,000	75,000	105,000	95,000	156,000	156,602	136,500
Sea Bream	72,000	83,000	99,000	110,000	134,000	152,469	136,500
Portion Rainbow Trout	100,500	110,000	95,000	95,000	127,000	127,000	126,500
Large Rainbow Trout	7,000	11,000	8,000	7,500	7,500	7,500	7,500
Bluefin Tuna	-	-	-	-	-	-	4,000
Meagre	-	-	3,300	3,300	3,300	3,300	3,300
<b>Grand total</b>	<b>263,500</b>	<b>279,000</b>	<b>310,300</b>	<b>310,800</b>	<b>427,800</b>	<b>446,871</b>	<b>414,300</b>

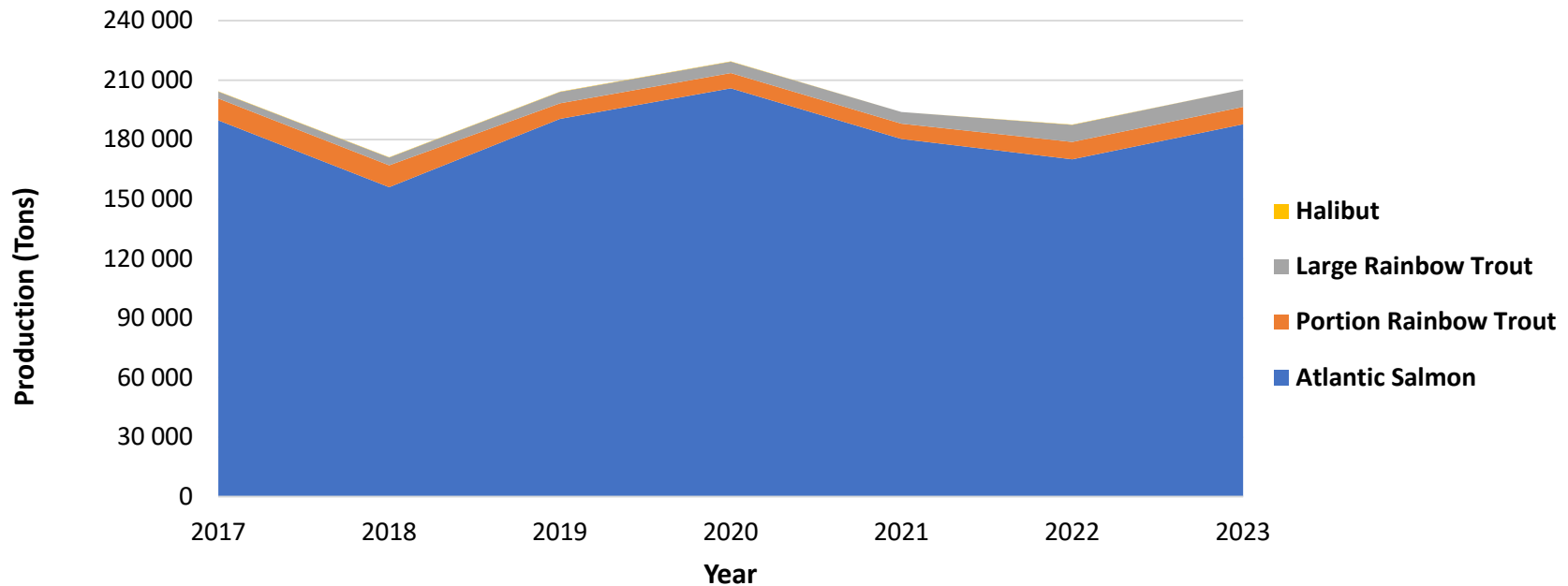




# United Kingdom



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Atlantic salmon	189,707	156,025	190,499	205,776	180,300	170,000	187,725
Portion Rainbow Trout	11,000	11,000	7,750	7,750	7,750	8,750	8,750
Large Trout	3,500	4,000	5,800	5,800	5,800	8,750	8,750
Halibut	70	70	70	70	70	70	70
Grand total	204,277	171,095	204,119	219,396	193,920	187,570	205,295



# FEAP Production Report per species



This FEAP Production report includes data on the following fish species reared in European aquaculture :



**Atlantic salmon**



**Rainbow trout (large (>1,2kg) and portion-size (<1,2kg))**



**Arctic Char**



**Halibut**



**Cod**



**Common carp and other cyprinid species**



**Catfish species**



**European eel**



**Sturgeon and caviar**



**Sea bass (+ juveniles)**



**Sea bream (+ juveniles)**



**Turbot**



**Sole**



**Meagre**



**Bluefin Tuna**

Production data some freshwater species have not been included due to the current lack of reliable data.



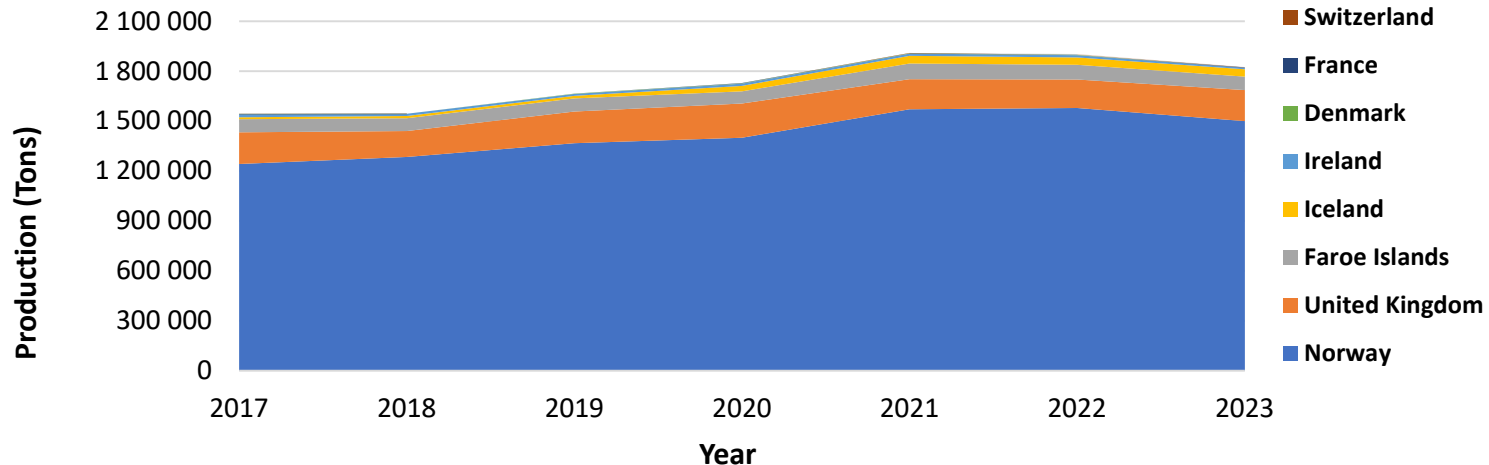


# Atlantic Salmon

## *Salmo salar*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Norway	1,243,106	1,284,770	1,367,082	1,400,000	1,572,157	1,580,000	1,500,000
United Kingdom	189,707	156,025	190,499	205,776	180,300	170,000	187,725
Faroe Islands	80,000	77,863	80,000	72,918	94,823	89,080	80,462
Iceland	11,265	13,448	15,000	34,341	46,458	44,734	43,866
Ireland	19,305	11,984	11,600	13,400	13,400	13,500	9,452
Denmark	-	1,000	1,475	1,475	1,675	1,675	1,191
France	300	300	360	360	360	360	360
Switzerland	-	89	234	200	250	325	320
<b>Grand total</b>	<b>1,543,683</b>	<b>1,545,479</b>	<b>1,666,250</b>	<b>1,728,935</b>	<b>1,909,423</b>	<b>1,899,674</b>	<b>1,823,376</b>





# Rainbow Trout (large)

*Oncorhynchus mykiss*

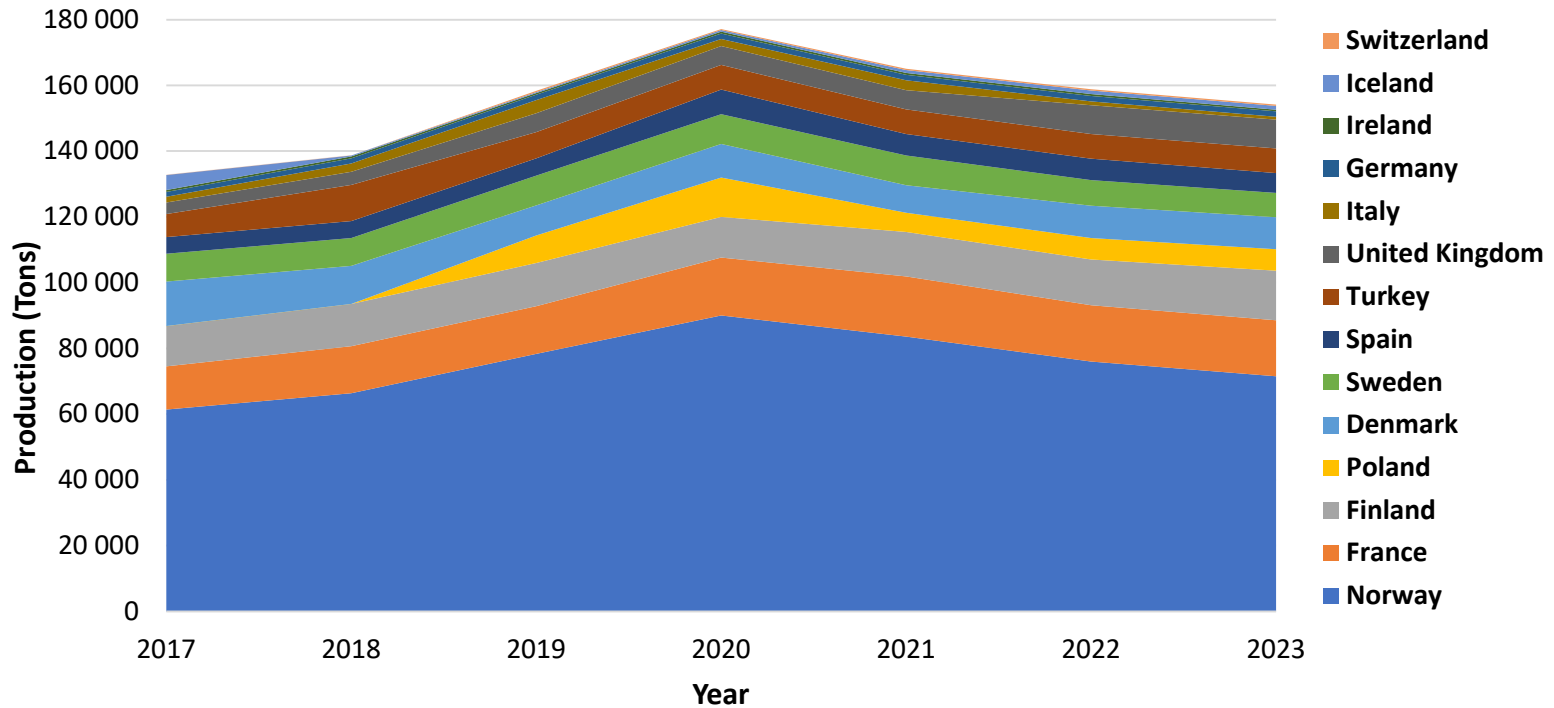


Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Norway	61,418	66,337	78,320	90,000	83,617	76,000	71,500
France	13,064	14,295	14,500	17,655	18,254	17,076	17,014
Finland	12,314	12,835	13,116	12,358	13,500	14,000	15,100
Denmark	13,500	11,599	9,188	10,203	8,363	9,790	9,790
Sweden	8,504	8,504	9,000	9,000	9,000	7,800	7,400
Turkey	7,000	11,000	8,000	7,500	7,500	7,500	7,500
Spain	5,025	5,185	5,250	7,500	6,591	6,508	6,000
Poland	-	-	8,400	12,000	5,918	6,500	6,500
United Kingdom	3,500	4,000	5,800	5,800	5,800	8,750	8,750
Italy	1,800	2,500	4,000	2,100	3,000	1,200	950
Germany	1,506	1,537	1,627	1,627	1,627	1,627	1,627
Iceland	4,628	295	299	490	951	1,131	1,131
Ireland	500	557	500	600	600	600	488
Switzerland	-	-	340	340	340	340	399
<b>Grand total</b>	<b>132,759</b>	<b>138,644</b>	<b>158,340</b>	<b>177,173</b>	<b>165,061</b>	<b>158,822</b>	<b>154,149</b>



# Rainbow Trout (large)

*Oncorhynchus mykiss*





# Rainbow Trout (portion)

*Oncorhynchus mykiss*

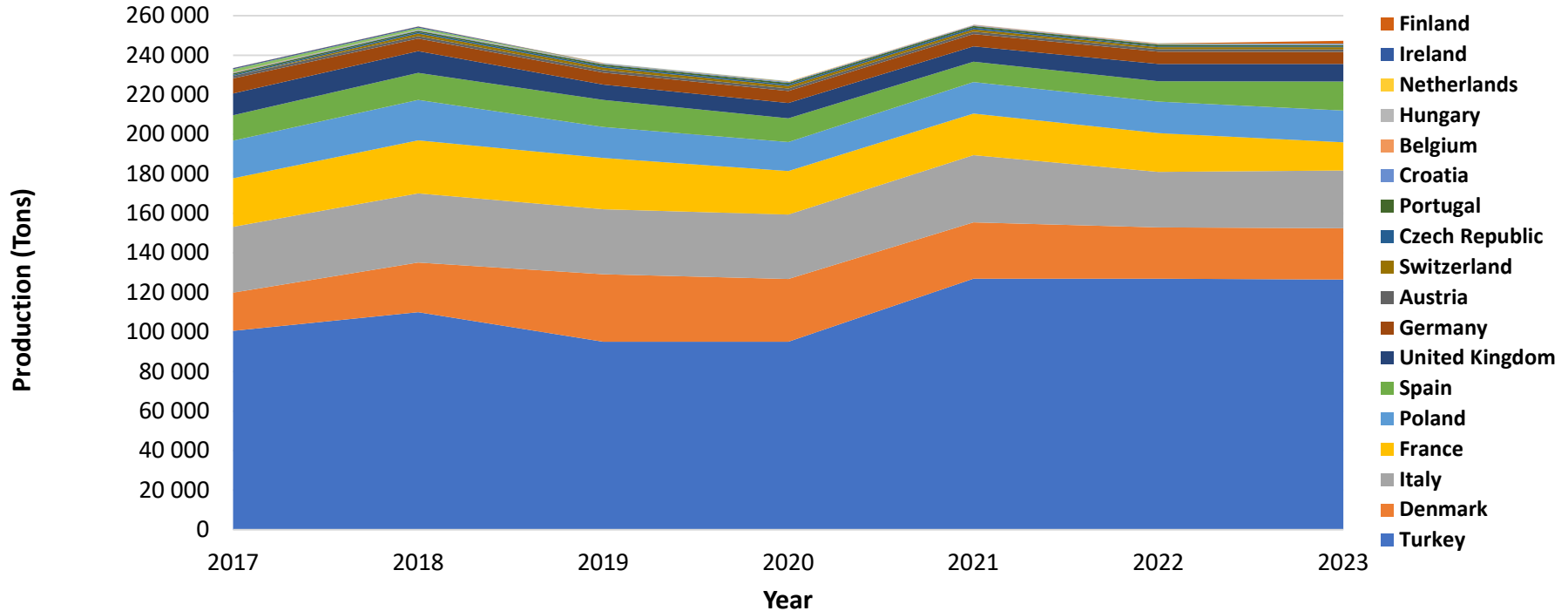


Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Turkey	100,500	110,000	95,000	95,000	127,000	127,000	126,500
Italy	33,300	35,000	32,800	32,700	34,000	27,975	29,200
Denmark	19,404	25,086	34,232	31,755	28,460	25,940	25,940
France	24,506	26,814	26,000	21,945	20,971	19,619	14,352
Poland	19,000	20,500	15,600	14,725	15,955	16,000	16,000
Spain	12,922	13,671	13,680	11,900	10,308	10,310	14,757
United Kingdom	11,000	11,000	7,750	7,750	7,750	8,750	8,750
Germany	7,642	6,315	6,315	6,158	6,158	6,158	6,158
Finland							1,500
Austria	1,277	1,277	1,277	1,277	1,277	1,277	1,277
Switzerland	-	1,213	1,224	1,219	1,219	940	1,032
Greece	1,611	1,000	-	-	-	-	-
Ireland	500	500	-	-	-	-	-
Portugal	665	655	939	660	867	867	600
Czech Republic	509	784	649	699	761	438	436
Sweden	-	-	-	-	-	-	370
Croatia	395	370	300	300	258	258	258
Belgium	150	150	150	200	200	200	200
Hungary	54	99	76	76	74	49	-
Netherlands	-	40	-	40	40	40	-
<b>Grand total</b>	<b>233,435</b>	<b>254,474</b>	<b>235,835</b>	<b>226,404</b>	<b>255,298</b>	<b>245,821</b>	<b>247,330</b>



# Rainbow Trout (portion)

*Oncorhynchus mykiss*



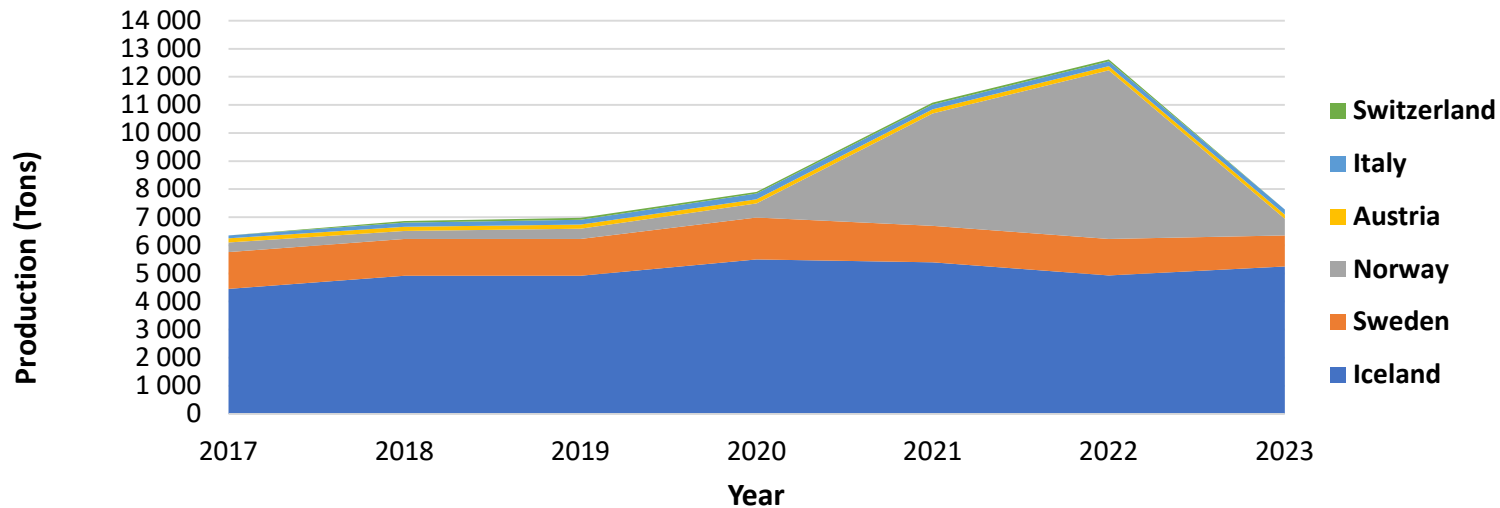


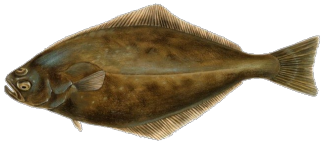
# Arctic Char

## *Salvelinus Alpinus*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Iceland	4,454	4,914	4,914	5,493	5,390	4,931	5,248
Norway	339	285	365	500	4,000	6,000	600
Sweden	1,310	1,310	1,310	1,500	1,300	1,300	1,100
Italy	100	150	175	200	175	175	175
Austria	151	151	151	151	151	151	151
Switzerland	-	54,9	61	58	60	60	0
<b>Grand total</b>	<b>6,354</b>	<b>6,865</b>	<b>6,976</b>	<b>7,902</b>	<b>11,076</b>	<b>12,617</b>	<b>7,274</b>



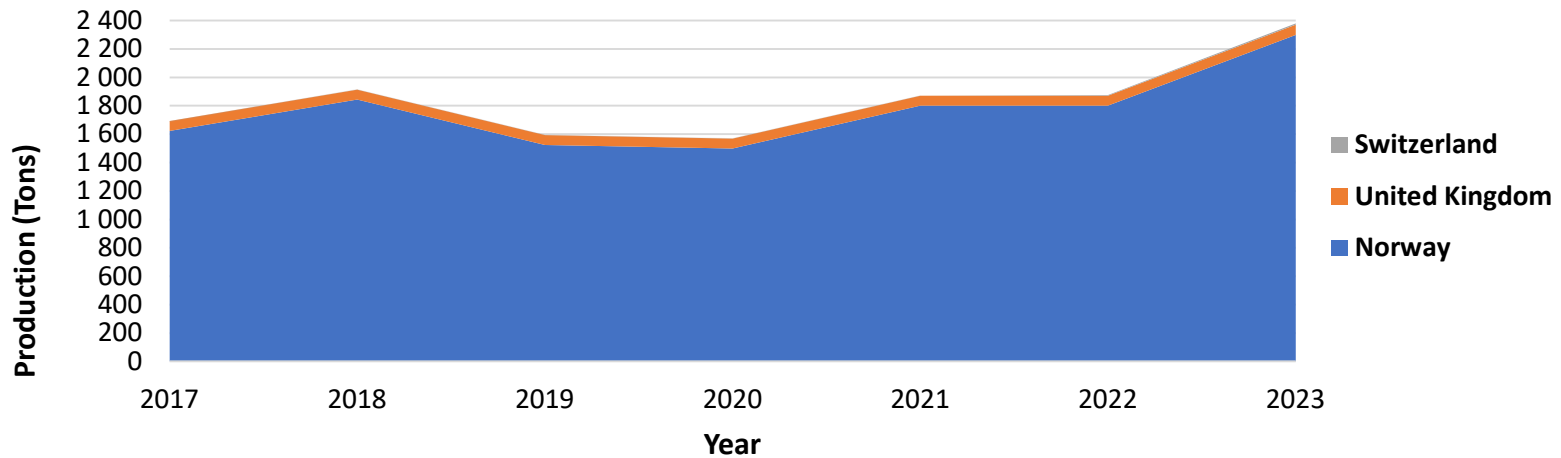


# Halibut

*Hippoglossus hippoglossus*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Norway	1,623	1,843	1,524	1,500	1,800	1,800	2,300
United Kingdom	70	70	70	70	70	70	70
Switzerland						6	10
<b>Grand total</b>	<b>1,693</b>	<b>1,913</b>	<b>1,594</b>	<b>1,570</b>	<b>1,870</b>	<b>1,876</b>	<b>2,380</b>



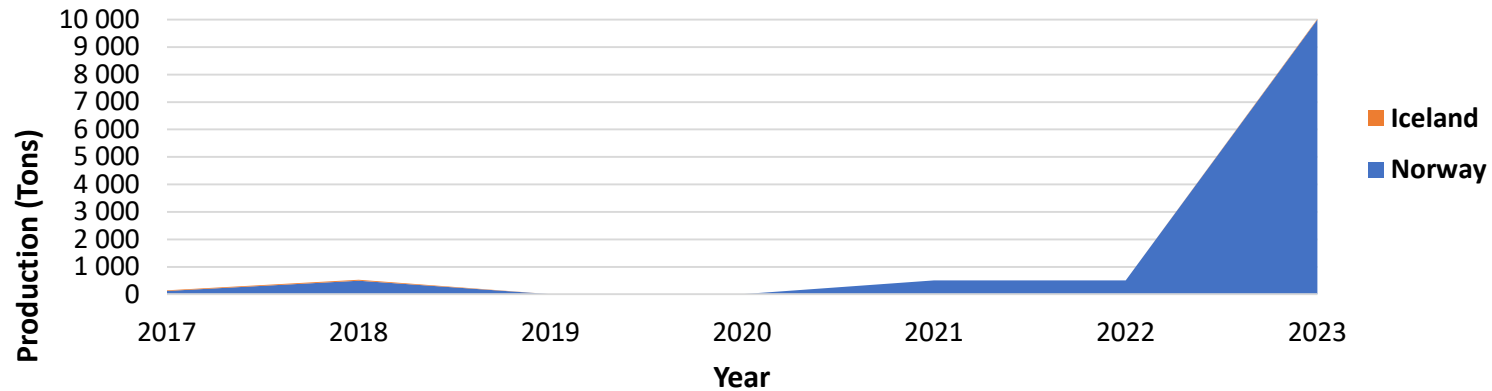


# Cod

## *Gadus morhua*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Norway	117	495	-	-	500	500	10,000
Iceland	29	29	4	-	-	-	29
<b>Grand total</b>	<b>146</b>	<b>524</b>	<b>4</b>	<b>-</b>	<b>500</b>	<b>500</b>	<b>10,029</b>





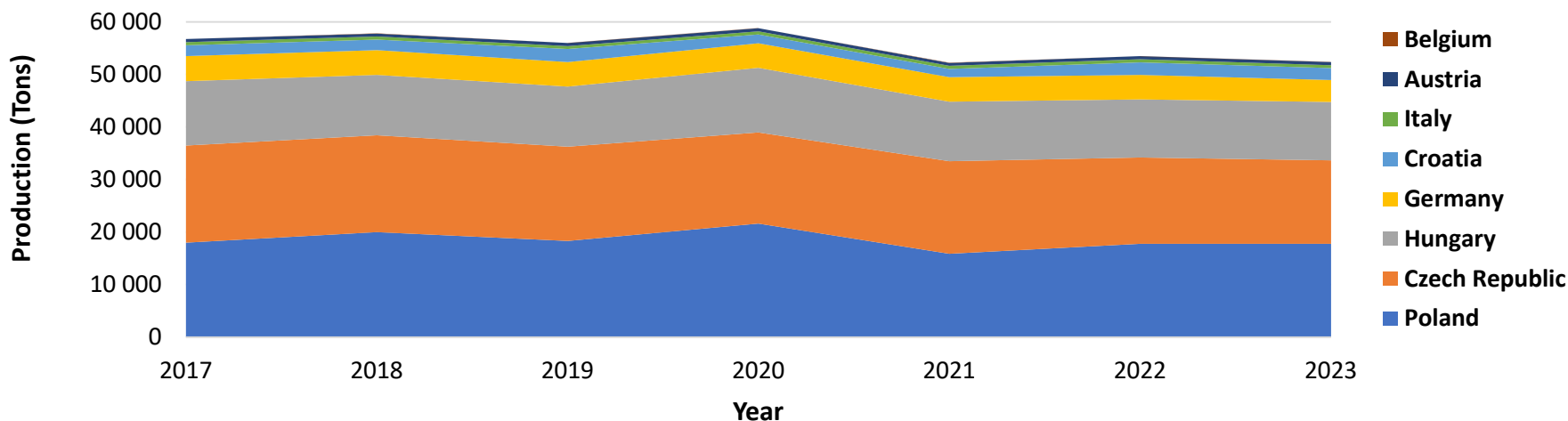


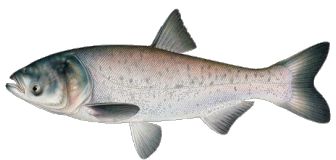
# Common Carp

## *Cyprinus carpio*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Poland	18,000	20,000	18,300	21,600	15,880	17,750	17,750
Czech Republic	18,460	18,430	17,945	17,370	17,616	16,437	15,903
Hungary	12,240	11,462	11,436	12,300	11,309	11,057	11,117
Germany	4,800	4,746	4,641	4,641	4,641	4,641	4,131
Croatia	2,039	1,959	2,500	1,691	1,585	2,400	2,293
Italy	600	600	550	600	600	600	550
Austria	573	573	573	573	573	573	573
Belgium	35	35	35	40	40	40	40
France	-	-	-	-	-	-	-
<b>Grand total</b>	<b>56,747</b>	<b>57,805</b>	<b>55,980</b>	<b>58,815</b>	<b>52,244</b>	<b>53,498</b>	<b>52,357</b>



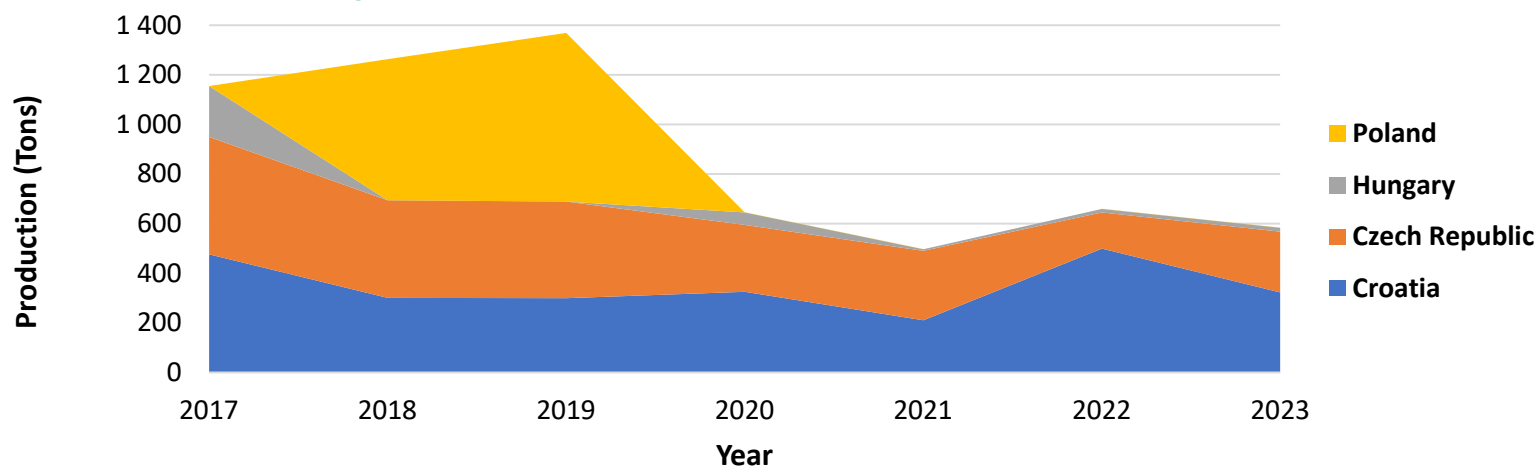


# Bighead Carp

## *Hypophthalmichthys nobilis*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Croatia	477	301	300	326	211	500	323
Czech Republic	473	393	389	269	279	146	245
Hungary	205	-	-	50	7	14	16
Poland	-	570	680	-	-	-	-
<b>Grand total</b>	<b>1155</b>	<b>1,264</b>	<b>1,369</b>	<b>645</b>	<b>497</b>	<b>660</b>	<b>584</b>



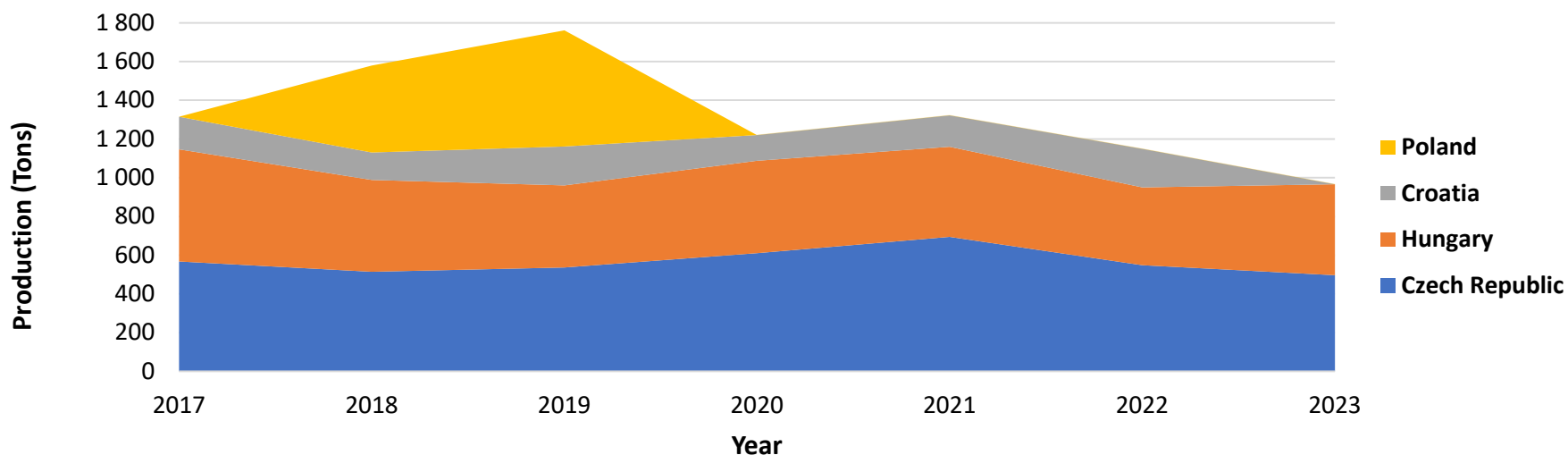


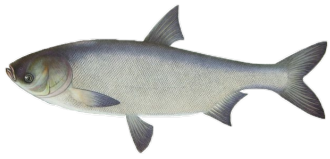
# Grass Carp

*Ctenopharyngodon idella*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Czech Republic	567	515	536	611	695	548	496
Hungary	579	474	425	476	465	402	471
Croatia	169	141	200	133	163	200	-
Poland	-	450	600	-	-	-	-
<b>Grand total</b>	<b>1,315</b>	<b>1,580</b>	<b>1,761</b>	<b>1,220</b>	<b>1,323</b>	<b>1,150</b>	<b>967</b>



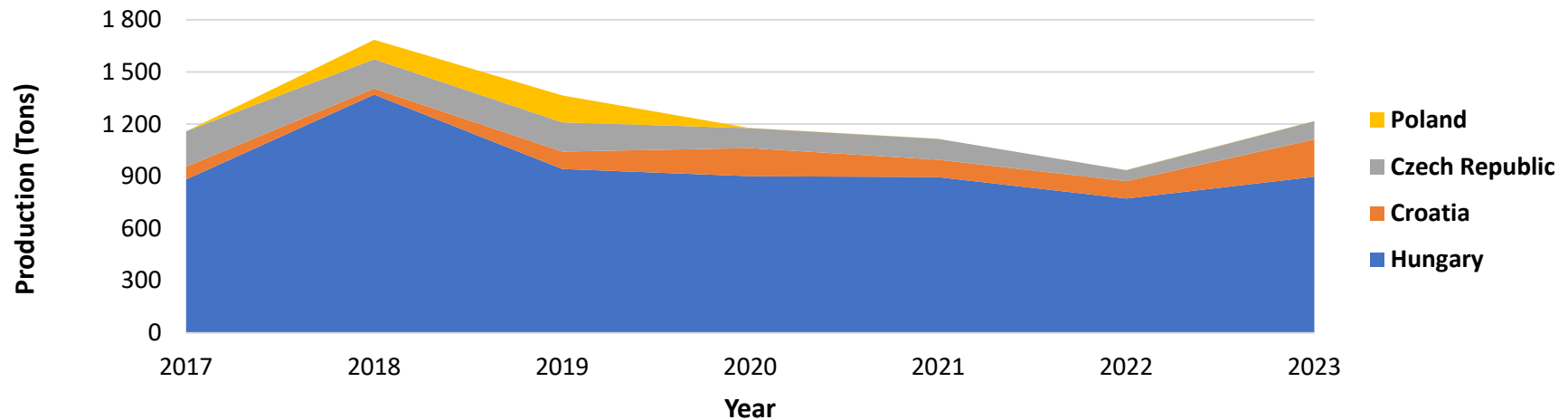


# Silver Carp

*Hypophthalmichthys molitrix*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Hungary	883	1,370	943	900	896	773	897
Czech Republic	203	168	167	115	119	63	105
Croatia	73	36	100	162	100	100	215
Poland	-	112	155	-	-	-	-
<b>Grand total</b>	<b>1,159</b>	<b>1,686</b>	<b>1,365</b>	<b>1,177</b>	<b>1,115</b>	<b>936</b>	<b>1,217</b>



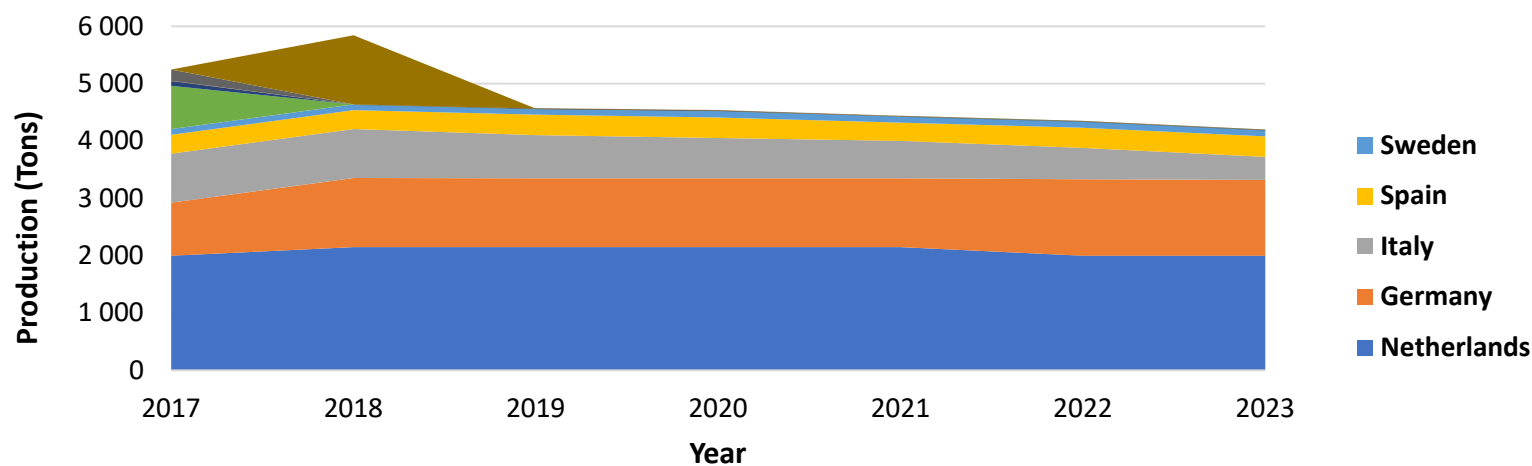


# European Eel

## *Anguilla anguilla*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Netherlands	2,000	2,150	2,150	2,150	2,150	2,000	2,000
Germany	927	1,207	1,202	1,202	1,202	1,332	1,322
Italy	850	850	750	700	650	550	400
Denmark	750	-	-	-	-	-	-
Spain	330	330	360	360	320	350	360
Portugal	200	-	-	-	-	-	-
Sweden	105	100	96	110	110	110	110
Poland	86	1	11	11	-	-	-
Czech Republic	2	1	-	-	-	-	-
Greece	-	1,207	-	-	-	-	-
<b>Grand total</b>	<b>5,250</b>	<b>5,846</b>	<b>4,569</b>	<b>4,533</b>	<b>4,432</b>	<b>4,342</b>	<b>4,192</b>

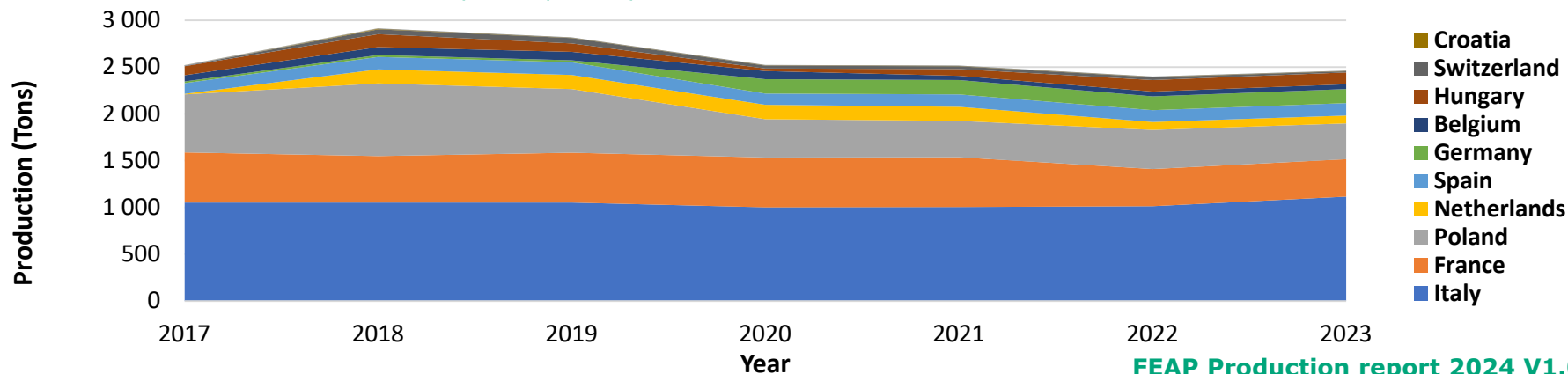




# Sturgeon spp. *Acipenser spp.* and *Huso spp.*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Italy	1,000	1,000	1,000	950	950	950	1,050
Poland	600	750	650	384	344	384	334
France	500	453	500	500	500	355	355
Spain	110	125	132	120	130	121	130
Hungary	97	139	87	28	71	124	124
Germany	-	-	-	130	130	130	130
Netherlands	5	150	150	150	150	80	80
Belgium	62	80	85	80	40	40	40
Switzerland	-	47	56	27	27	27	10
Croatia	-	7	5	5	5	5	5
Cyprus	2	-	-	-	-	-	-
Czech Republic	2	-	-	-	-	-	-
<b>Grand total</b>	<b>2,378</b>	<b>2,751</b>	<b>2,665</b>	<b>2,374</b>	<b>2,347</b>	<b>2,216</b>	<b>2,258</b>





# Sturgeon spp. (caviar)

*Acipenser spp. and Huso spp.*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Italy	51	52	53	50	55	62	65
Poland	20	24	28	27	42	36	47,5
France	37	45	33	33	33	42	45
Germany	16	20	22	21	21	21	21
Bulgaria*	8	6	10	9	9	9	9
Belgium	4	5	6	7	7	7	11
Moldova*	3	3	5	5	3	3	4
Romania*	3	3	4	4	4	4	4
Spain	5	7	3	3	4	4	4,5
Netherlands	1	2	1	1	1	4	4
Latvia*	3	3	3	3	3	3	3
Switzerland	2	3	2	2	2	2	2
Austria*	1	1	2	2	2	2	2
Belarus*	2	5	2	2	2	2	2
Ukraine*	2	-	2	2	2	2	2
Hungary	2	1	1	1	1	1	0
Finland	4	5	3	3	0	0	0
Greece	2	1	1	1	0	0	0
<b>Grand total</b>	<b>165</b>	<b>185</b>	<b>181</b>	<b>176</b>	<b>191</b>	<b>204</b>	<b>226</b>

\*Not FEAP members

Sources : Member associations and WSCS (World Sturgeon Conservation Society)

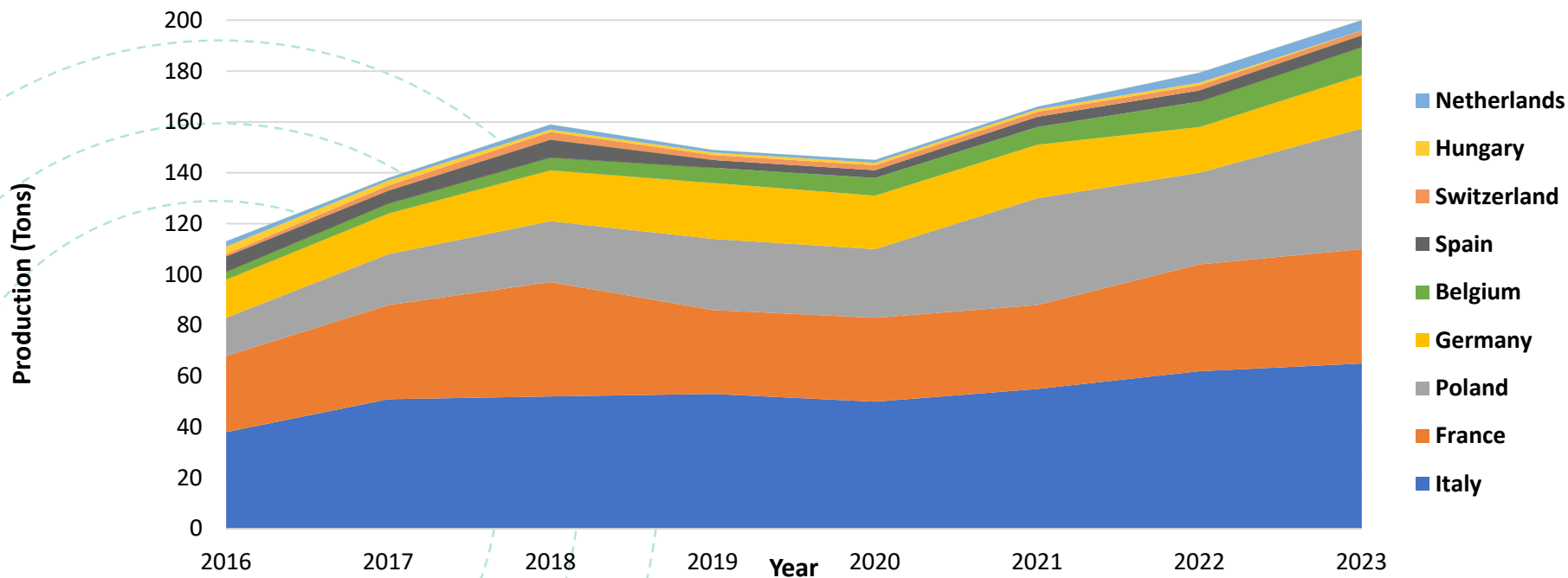


# Sturgeon spp. (caviar)

*Acipenser spp.* and *Huso spp.*



This graph represents the caviar production only from FEAP members





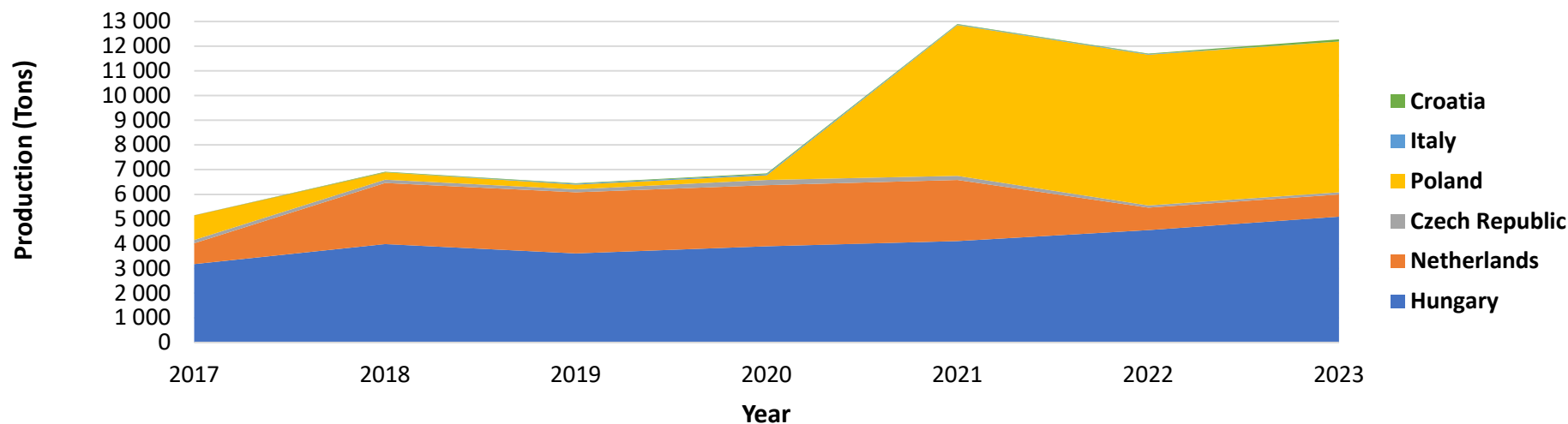


# African Catfish

## *Clarias gariepinus*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Hungary	3,174	3,987	3,610	3,900	4,108	4,558	5,100
Poland	1,000	300	185	185	6,100	6,100	6,100
Netherlands	847	2,470	2,470	2,470	2,470	900	900
Czech Republic	130	142	125	212	170	92	86
Croatia	-	20	20	32	19	19	90
Italy	-	-	40	50	25	25	0
<b>Grand total</b>	<b>5,151</b>	<b>6,919</b>	<b>6,450</b>	<b>6,849</b>	<b>12,892</b>	<b>11,694</b>	<b>12,276</b>





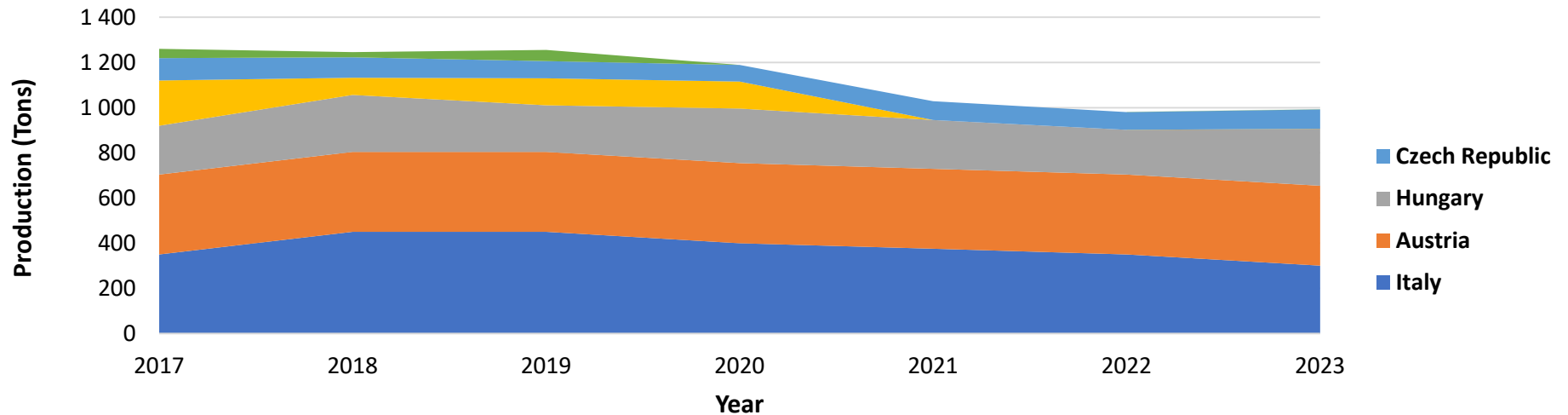
# Wels Catfish (+ Channel Catfish)

## *Silurus glanis* (+ *Ictalurus punctatus*)



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Austria	354	354	354	354	354	354	354
Italy*	350	450	450	400	375	350	300
Hungary	216	252	206	242	216	198	253
Poland	200	76	120	120	-	-	-
Czech Republic	100	91	76	73	84	78	86
Croatia	40	23	50	-	-	-	-
<b>Grand total</b>	<b>1,260</b>	<b>1,246</b>	<b>1,256</b>	<b>1,189</b>	<b>1,029</b>	<b>980</b>	<b>993</b>

\*Channel Catfish and also includes a small quota of Black Bullhead Catfish (*Ameiurus melas*)



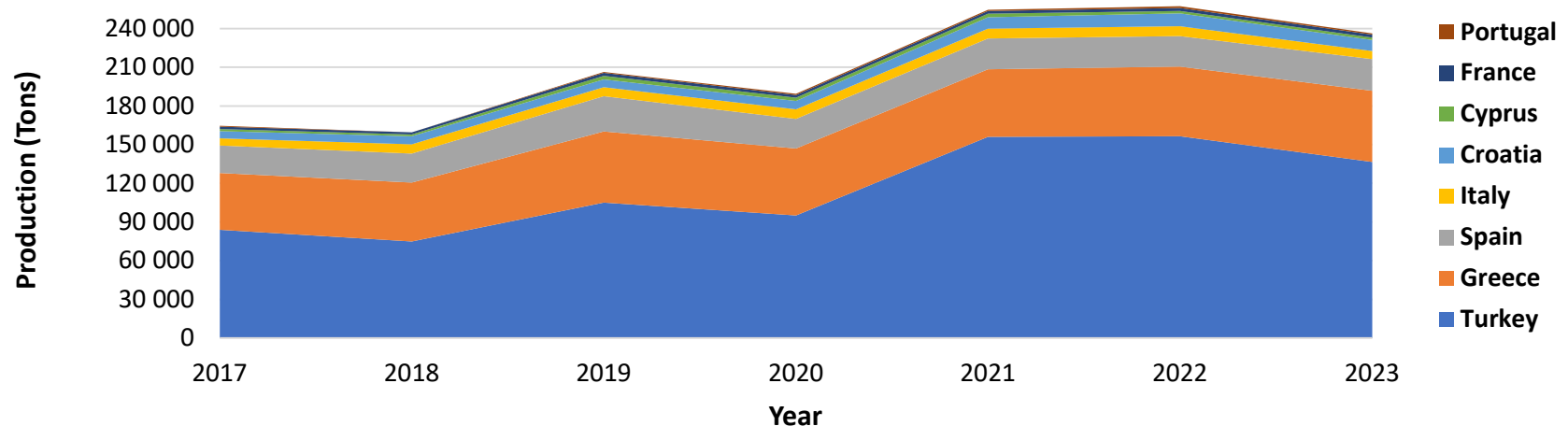


# European Seabass

## *Dicentrarchus labrax*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Turkey	84,000	75,000	105,000	95,000	156,000	156,602	136,500
Greece	44,000	45,500	55,200	52,000	52,500	54,000	55,300
Spain	21,269	22,460	27,335	22,886	23,934	23,622	24,500
Croatia	5,616	6,220	6,089	6,637	8,967	10,034	8,515
Italy	5,600	7,300	7,000	7,400	7,500	7,500	6,300
France	1,945	1,433	2,123	2,100	2,128	2,273	2,463
Cyprus	1,500	1,500	2,836	2,500	2,680	1,959	1,854
Portugal	701	200	882	904	954	1,481	900
<b>Grand total</b>	<b>164,631</b>	<b>159,613</b>	<b>206,465</b>	<b>189,427</b>	<b>254,663</b>	<b>257,471</b>	<b>236,332</b>



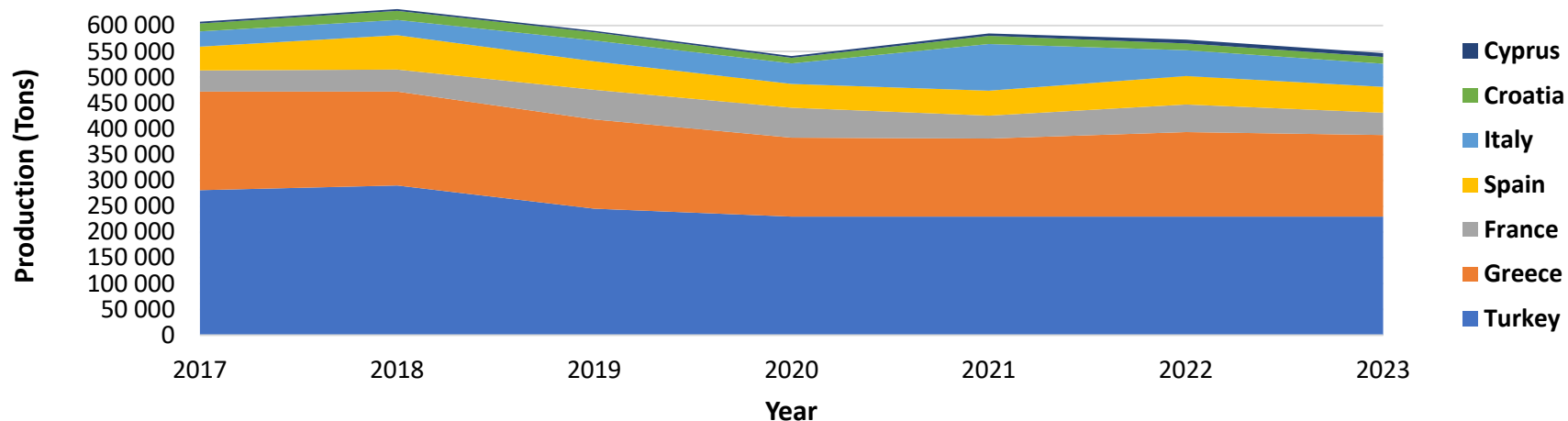


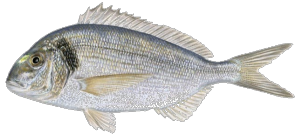
# European Seabass (juveniles)

## *Dicentrarchus labrax*



Production (Thousands of units)	Year						
	2017	2018	2019	2020	2021	2022	2023
Turkey	281,000	290,000	245,000	230,000	230,000	230,000	230,000
Greece	191,000	182,000	173,000	153,000	151,000	164,000	157,900
France	40,994	42,753	57,777	58,000	44,794	53,218	43,232
Spain	46,109	66,569	55,244	45,784	48,330	55,375	50,000
Italy	30,000	30,000	40,000	40,000	90,000	50,000	45,000
Croatia	15,000	17,500	16,000	11,000	16,000	13,000	13,000
Cyprus	3,500	3,000	3,000	3,000	4,891	7,049	7,380
<b>Grand total</b>	<b>607,603</b>	<b>631,822</b>	<b>590,021</b>	<b>540,784</b>	<b>585,015</b>	<b>572,642</b>	<b>546,512</b>



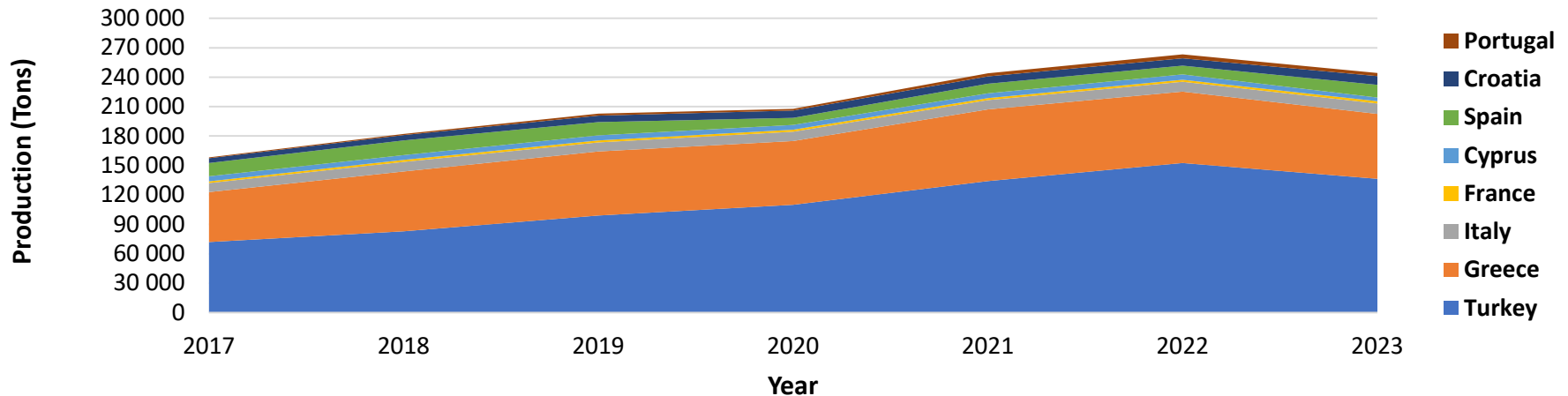


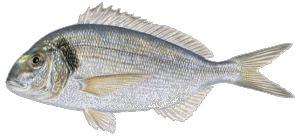
# Gilthead Sea Bream

## *Sparus aurata*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Turkey	72,000	83,000	99,000	110,000	134,000	152,469	136,500
Greece	51,000	61,000	65,300	65,000	73,050	72,700	66,000
Spain	13,643	14,930	13,521	7,170	9,632	8,932	13,100
Italy	9,000	9,700	9,100	9,400	9,600	10,100	10,750
Cyprus	5,000	5,000	5,168	5,000	5,097	5,496	3,651
Croatia	4,830	5,591	6,774	7,451	7,519	7,462	8,922
France	1,853	1,879	2,081	2,000	1,881	1,987	2,263
Portugal	1,038	898	1,953	1,768	3,091	4,085	3,000
<b>Grand total</b>	<b>158,364</b>	<b>181,998</b>	<b>202,897</b>	<b>207,789</b>	<b>243,870</b>	<b>263,231</b>	<b>244,186</b>



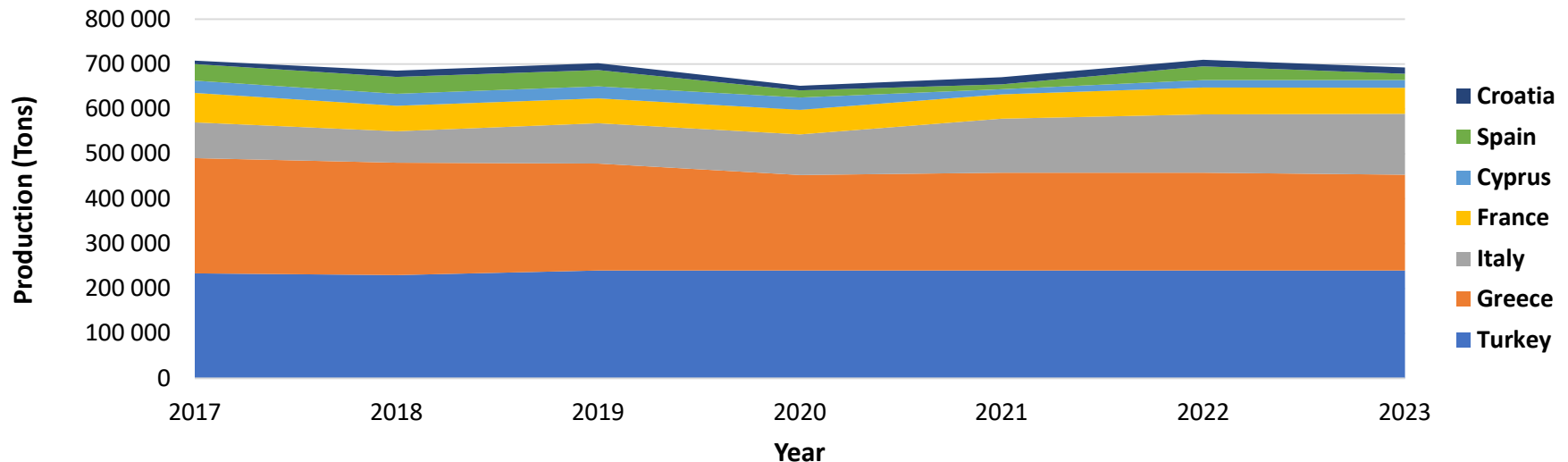


# Gilthead Sea Bream (juveniles)

## *Sparus aurata*



Production (Thousands of units)	Year						
	2017	2018	2019	2020	2021	2022	2023
Turkey	234,000	230,000	240,000	240,000	240,000	240,000	240,000
Greece	256,000	250,000	238,000	213,000	218,000	218,000	213,700
Italy	80,000	70,000	90,000	90,000	120,000	130,000	135,000
France	65,624	56,600	55,115	55,115	54,417	59,688	58,282
Cyprus	27,200	27,000	27,000	27,000	11,148	16,678	16,814
Spain	36,629	37,475	36,396	16,029	11,130	30,200	14,200
Croatia	8,000	14,200	15,000	10,000	16,000	15,000	14,000
<b>Grand total</b>	<b>707,453</b>	<b>685,275</b>	<b>701,511</b>	<b>651,144</b>	<b>670,695</b>	<b>709,566</b>	<b>691,996</b>



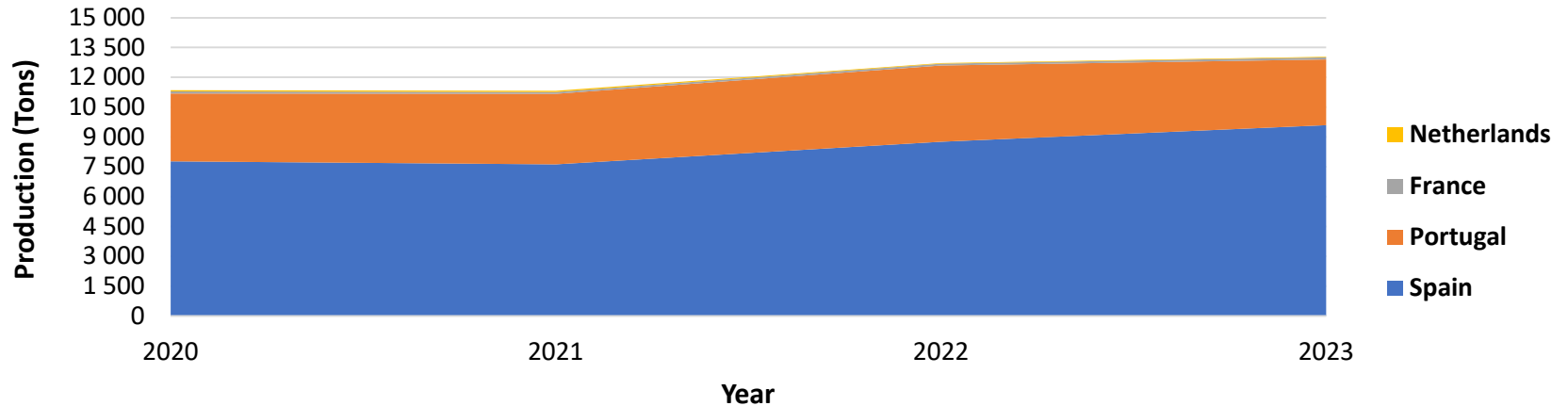


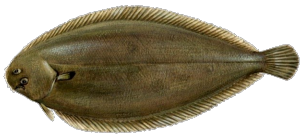
# Turbot

## *Scophthalmus maximus*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Spain	8,546	7,450	8,358	7,780	7,629	8,766	9,600
Portugal	2,745	2,582	3,580	3,407	3,538	3,825	3,300
France	207	116	65	100	100	100	100
Netherlands	60	60	60	60	60	30	30
Croatia	-	-	-	-	-	-	-
<b>Grand total</b>	<b>11,558</b>	<b>10,208</b>	<b>12,063</b>	<b>11,347</b>	<b>11,327</b>	<b>12,721</b>	<b>13,030</b>



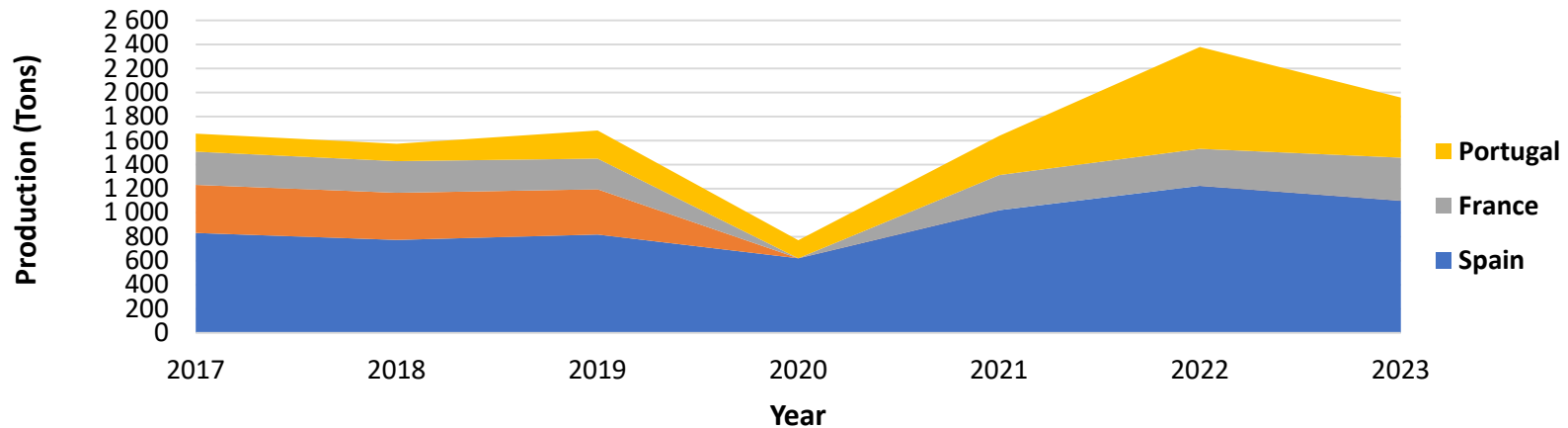


# Sole

## *Solea solea* and *Solea senegalensis*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Spain	830	774	818	620	1,020	1,222	1,100
Portugal	151	145	234	151	327	847	500
France	276	262	253	-	291	309	357
Iceland	400	391	377	-	-	-	-
<b>Grand total</b>	<b>1,657</b>	<b>1,572</b>	<b>1,682</b>	<b>771</b>	<b>1,638</b>	<b>2,378</b>	<b>1,957</b>





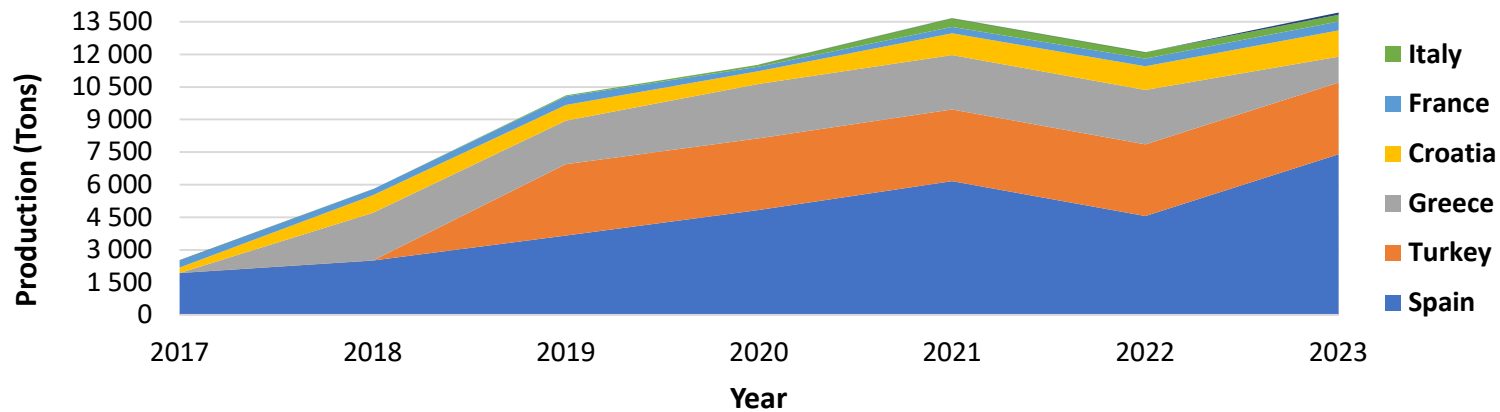


# Meagre

## *Argyrosomus regius*



Production (Tons)	Year						
	2017	2018	2019	2020	2021	2022	2023
Spain	1,932	2,500	3,650	4,840	6,167	4,558	7,400
Turkey	-	-	3,300	3,300	3,300	3,300	3,300
Greece	-	2,200	2,000	2,500	2,500	2,500	1,200
Croatia	253	808	725	593	999	1,090	1,200
France	326	289	390	200	304	360	420
Italy	-	-	50	100	400	300	300
Cyprus	10	-	-	-	-	-	107
<b>Grand total</b>	<b>2,521</b>	<b>5,797</b>	<b>10,115</b>	<b>11,533</b>	<b>13,670</b>	<b>12,108</b>	<b>13,927</b>








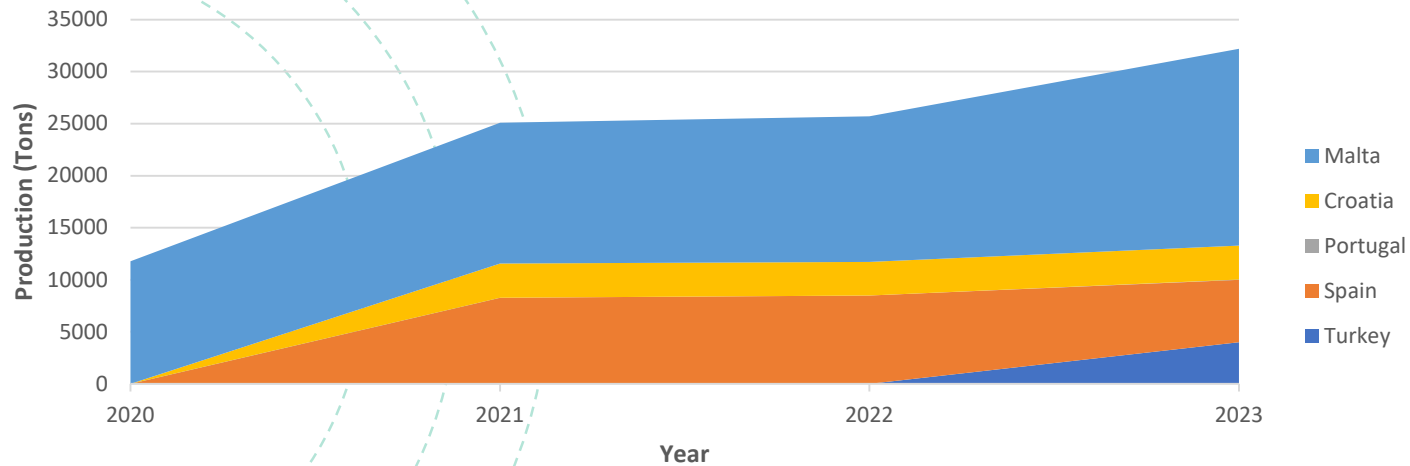


# Bluefin Tuna

*Thunnus thynnus*



Production (Tons)	Year			
	2020	2021	2022	2023
 Malta	11,790	13,549	14,000	18,910
 Spain		8,277	8,500	6,000
 Turkey				4,000
 Croatia		3,270	3,200	3,252
 Portugal				38
<b>Grand total</b>		<b>25,096</b>	<b>25,700</b>	<b>32,200</b>





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