

## First Release

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## FISHERY, 2022

The total number of fishermen engaged in maritime fishing in 2022 decreased by 0.8% compared to 2021, while the total number of vessels decreased by 3.3%.

The total catches and production of sea fish and other sea organisms increased by about 672 tonnes, that is, by 0.8%, in 2022, as compared to the previous year.

The quantity of pelagic fish decreased by 0.8%, while the quantity of other fish increased by 4.2%.

Out of the total number of pelagic fish catches, the largest share was accounted for by the catches of pilchard (68.5%).

The catches of crustaceans increased by 53 tonnes (5.2%) and the catches of molluscs increased by 10 tonnes (1.5%).

The catches and production of shellfish increased by 169 tonnes (15.1%), primarily as a result of an increase in the production of clams.

The total production of freshwater fish in 2022 decreased by 32 tonnes (0.8%).

As compared to the previous year, the production of consumer fish in carp fishponds decreased by about 105 tonnes (2.8%), while the production in trout fishponds increased by 73 tonnes (20.8%). Out of the total freshwater fish produced, 59.7% relates to the production of carp and 10.3% to the production of trout.

The total value of fishery and aquaculture in 2022 increased by 10.7% compared to 2021. The increase in the total value is a result of an increase in the average prices of products of almost all types of fishery and aquaculture.

## MARITIME FISHING

### 1 FISHERMEN ENGAGED IN COMMERCIAL AND SMALL COASTAL FISHING

	Fishermen		Indices 2022 2021
	2021	2022	
Total	6 563	6 510	99,2
Commercial fishing	3 015	2 992	99,2
Small coastal fishing	3 548	3 518	99,2

### 2 VESSELS, BY TYPE

	2021			2022			Indices 2022 2021		
	Vessels	Total vessel size, GT	Total engine power, kW	Vessels	Total vessel size, GT	Total engine power, kW	Vessels	Total vessel size, GT	Total engine power, kW
Total	7 757	44 621	354 226	7 501	44 401	348 689	96,7	99,5	98,4
Ships	329	27 665	110 924	326	27 915	112 204	99,1	100,9	101,2
Boats	7 428	16 956	243 302	7 175	16 486	236 485	96,6	97,2	97,2

### 3 FISHING NETS, BY TYPE<sup>1)</sup>

	Nets, number		Indices 2022 2021
	2021	2022	
Trawl nets	868	854	98,4
Purse seine nets	703	680	96,7
Drift nets	558	526	94,3
Single and triple gillnets	5 869	5 830	99,3

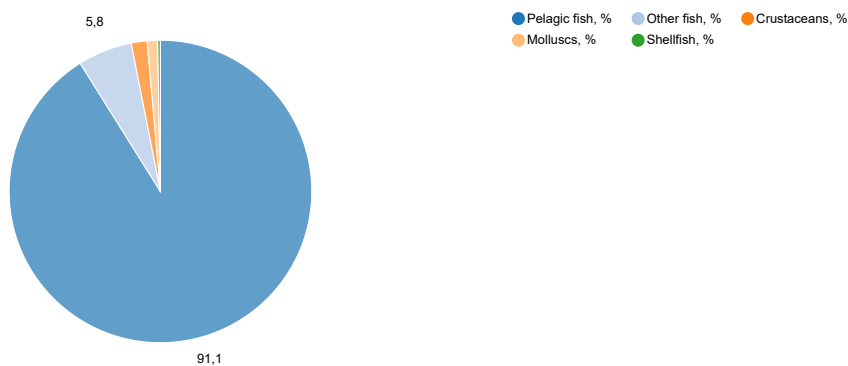
1) Data refer to the total number of fishing equipment (active and inactive) included in licences for commercial fishing at sea.

### 4 CATCHES AND PRODUCTION OF SEA FISH, CRUSTACEANS, SHELLFISH AND MOLLUSCS

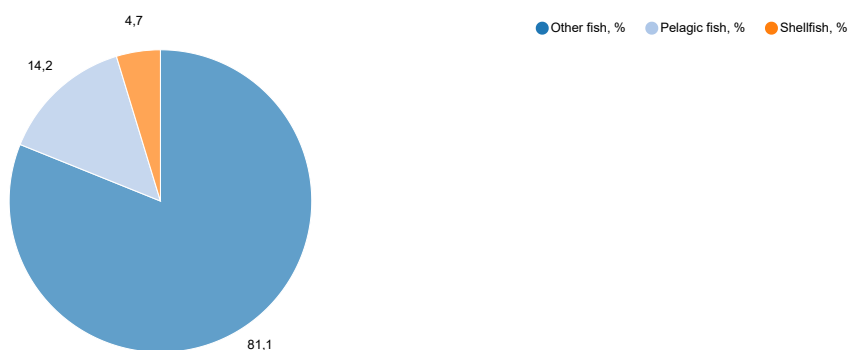
	Catches and production, t				Indices, total 2022 2021
	2021	2022			
	Total	Total	Catches	Production	
Total	85 341	86 013	62 912	23 101	100,8
Fish	82 543	82 983	60 978	22 005	100,5
Pelagic fish	61 046	60 573	57 302	3 271	99,2
Pilchard	40 485	39 242	39 242	-	96,9
Anchovy	11 621	13 912	13 912	-	119,7
Bluefin tuna	6 002	4 073	802	3 271	67,9
Atlantic chub mackerel	1 144	1 667	1 667	-	145,7
Jack and horse mackerel	1 212	1 058	1 058	-	87,3
Other species	582	621	621	-	106,7
Other fish	21 497	22 410	3 676	18 734	104,2
Hake	1 062	1 178	1 178	-	110,9
Red mullet	793	647	647	-	81,6
Grey mullet	99	100	100	-	101,0
Conger	36	35	35	-	97,2
Seabass	9 094	10 047	13	10 034	110,5
Gilthead seabream	7 783	7 736	230	7 506	99,4
Picarels	102	95	95	-	93,1
Bogue	81	68	68	-	84,0
Sole	159	140	140	-	88,1
Other species	2 288	2 364	1 170	1 194	103,3
Crustaceans <sup>1)</sup>	1 021	1 074	1 074	-	105,2
Spiny lobster	9	12	12	-	133,3
Norway lobster	251	279	279	-	111,2
Prawn and other crustaceans	761	783	783	-	102,9
Shellfish <sup>1)</sup>	1 121	1 290	194	1 096	115,1
Oysters	74	118	28	90	159,5
Great Mediterranean scallop	52	38	38	-	73,1
Warty venus	67	59	59	-	88,1
Mediterranean mussel	886	1 019	13	1 006	115,0
Other shellfish	42	56	56	-	133,3
Molluscs	656	666	666	-	101,5
Squid	228	244	244	-	107,0
Octopus	130	137	137	-	105,4
Cuttlefish	91	98	98	-	107,7
Cephalopods and other molluscs	207	187	187	-	90,3

1) Data refer to edible and non-edible weight of catches.

## G-1 CATCHES OF SEA FISH, CRUSTACEANS, SHELLFISH AND MOLLUSCS, 2022



## G-2 PRODUCTION OF SEA FISH AND SHELLFISH, 2022



## FRESHWATER FISHING

### 5 FISHPONDS AREA IN EXPLOITATION

	Area		Indices 2022 2021
	2021	2022	
Carp fishponds, ha	12 484	12 506	100,2
Trout fishponds, m <sup>2</sup>	45 434	46 594	102,6

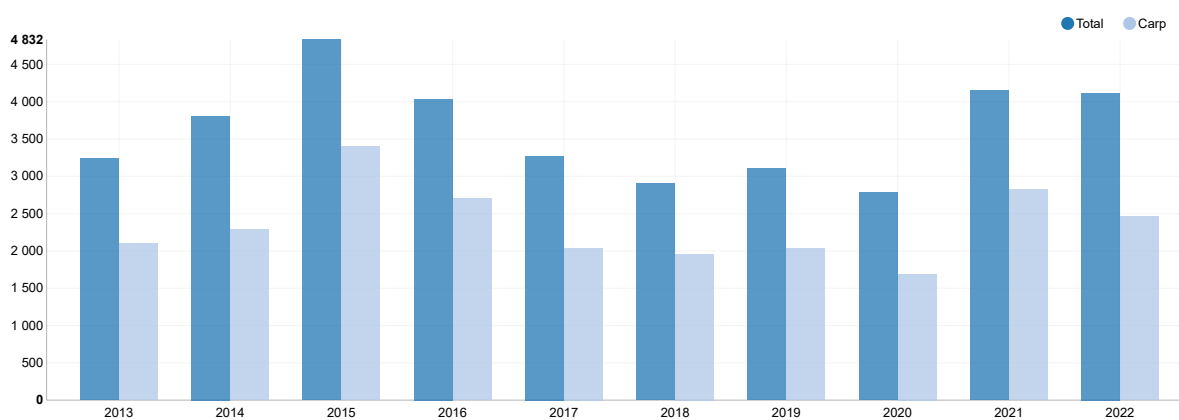
### 6 PRODUCTION OF MILT

	Production, '000 pcs		Indices 2022 2021
	2021	2022	
Total	53 123	51 841	97,6
Carp	34 707	34 945	100,7
Trout	2 869	1 980	69,0
Other fish	15 547	14 916	95,9

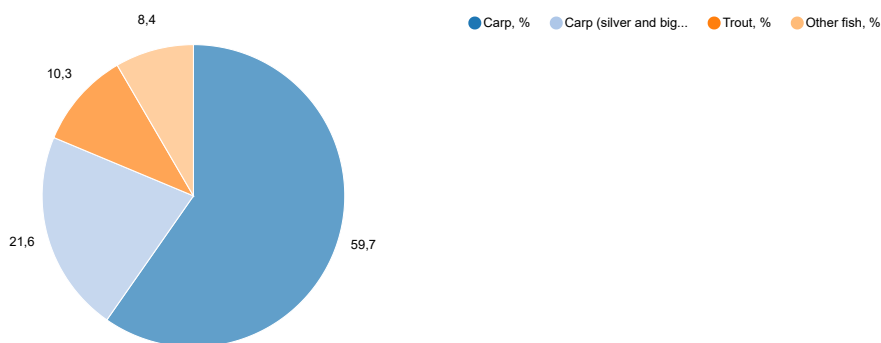
## 7 PRODUCTION OF CONSUMER FISH

	2021			2022			Indices 2022 2021		
	Total	In carp fishponds	In trout fishponds	Total	In carp fishponds	In trout fishponds	Total	In carp fishponds	In trout fishponds
Total	4 149	3 798	351	4 117	3 693	424	99,2	97,2	120,8
Carp	2 827	2 827	-	2 459	2 459	-	87,0	87,0	-
Wels catfish	32	32	-	61	61	-	190,6	190,6	-
Grass carp	282	282	-	229	229	-	81,2	81,2	-
Carp (silver and bighead)	626	626	-	890	890	-	142,2	142,2	-
Trout	351	-	351	424	-	424	120,8	-	120,8
Other fish	31	31	-	54	54	-	174,2	174,2	-

### G-3 PRODUCTION OF CONSUMER FISH IN CARP AND TROUT FISHPONDS, 2013 - 2022



### G-4 PRODUCTION OF CONSUMER FISH IN CARP AND TROUT FISHPONDS, 2022



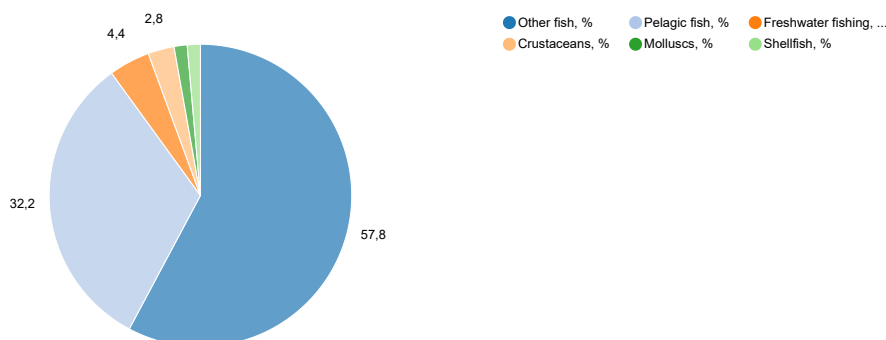
## 8 FISH, CRUSTACEANS, SHELLFISH AND MOLLUSCS SALES

	2021			2022			Value indices 2022 2021	Price indices 2022 2021
	Sold, t	Value, thousand kuna	Average price, kuna/kg	Sold, t	Value, thousand kuna	Average price, kuna/kg		
Total <sup>1)</sup>	86 506	1 629 688	-	87 830	1 803 946	-	110,7	-
Maritime fishing	82 357	1 559 970	-	83 713	1 723 887	-	110,5	-
Fish	79 997	1 489 010	-	81 059	1 624 413	-	109,1	-
Pelagic fish – total	59 614	604 623	-	59 522	581 521	-	96,2	-
Of that:								
Pilchard	40 353	140 560	3,48	39 222	162 782	4,15	115,8	119,3
Anchovy	11 409	76 675	6,72	13 733	96 990	7,06	126,5	105,1
Bluefin tuna	5 177	378 082	73,04	3 361	303 708	90,37	80,3	123,7
Mixed small fish								
Other species	2 675	9 306	3,48	3 206	18 041	5,63	193,9	161,7
Other fish – total	20 383	884 386	-	21 537	1 042 892	-	117,9	-
Of that:								
Hake	906	26 162	28,87	1 062	33 716	31,74	128,9	109,9
Red mullet	680	9 122	13,41	647	10 300	15,93	112,9	118,8
Grey mullet	41	720	17,49	54	914	17,04	126,9	97,5
Conger	15	274	18,19	16	347	21,77	126,8	119,7
Seabass	9 088	408 422	44,94	10 043	510 692	50,85	125,0	113,2
Gilthead seabream	7 699	350 756	45,56	7 659	383 766	50,11	109,4	110,0
Picarels	77	826	10,70	76	990	13,02	119,9	121,6
Bogue	55	478	8,69	46	420	9,12	88,0	105,0
Sole	113	7 504	66,32	113	7 182	63,49	95,7	95,7
Other species	1 708	80 123	46,90	1 822	94 565	51,90	118,0	110,7
Crustaceans – total <sup>2)</sup>	918	37 002	-	959	49 625	-	134,1	-
Spiny lobster	5	1 556	317,48	8	3 026	398,21	194,5	125,4
Norway lobster	196	20 364	103,73	215	26 048	121,35	127,9	117,0
Prawn and other crustaceans	717	15 082	21,03	737	20 551	27,88	136,3	132,6
Shellfish – total <sup>2)</sup>	1 020	18 449	-	1 194	25 435	-	137,9	-
Oysters, mussels and other shellfish	1 020	18 449	18,08	1 194	25 435	21,30	137,9	117,8
Molluscs – total <sup>2)</sup>	421	15 510	-	500	24 414	-	157,4	-
Squid	176	6 198	35,22	207	10 342	50,05	166,9	142,1
Cuttlefish	41	2 076	50,79	56	3 137	55,53	151,1	109,3
Octopus	54	3 481	64,68	72	5 961	82,73	171,3	127,9
Cephalopods	150	3 754	25,03	165	4 973	30,14	132,5	120,4
Freshwater fishing – total <sup>1)</sup>	4 149	69 717	-	4 118	80 059	-	114,8	-
Carp	2 828	48 980	17,32	2 459	51 725	21,04	105,6	121,5
Wels catfish	32	1 262	39,64	61	2 570	41,99	203,7	105,9
Grass carp	282	3 992	14,17	229	3 637	15,87	91,1	112,0
Carp (silver and bighead)	626	3 898	6,22	890	6 873	7,72	176,3	124,2
Trout	351	10 594	30,19	424	13 853	32,67	130,8	108,2
Other fish	31	992	32,39	55	1 402	25,58	141,3	79,0

1) Data do not contain catches of freshwater fish.

2) Data refer to edible and non-edible amounts.

## G-5 VALUE OF MARITIME AND FRESHWATER FISHING, 2022



## NOTES ON METHODOLOGY

### Sources and methods of data collection

Data on catches and production of sea and freshwater fish and other sea organisms as well as the data on fishermen, vessels and fishing equipment and the data on values and quantities of sold goods were taken over from the Directory of Fisheries of the Ministry of Agriculture, in line with the Cooperation Agreement, which enables the surveying of basic indicators in the area of freshwater and maritime fishing and the collection of data on personnel, basic fishing means, vessels, fishing equipment, surface areas of carp and trout fishponds, catches and production of sea and freshwater fish, crustaceans, oysters and other molluscs and shellfish and the production of milt.

The Directorate of Fisheries of the Ministry of Agriculture, as the producer of official statistics on fisheries, collects the necessary data and then processes and forwards them to the Croatian Bureau of Statistics according to the previously arranged deadline and in the form suitable for further usage.

The Croatian Bureau of Statistics is responsible for releasing statistical data on fisheries at the national level, in accordance with strategic documents of the Croatian Bureau of Statistics.

Data on fisheries are collected on the basis of Regulation (EU) 2017/1004 of the European Parliament and of the Council of 17 May 2017 on the establishment of a Union framework for the collection, management and use of data in the fisheries sector and support for scientific advice regarding the common fisheries policy and repealing Council Regulation (EC) No 199/2008.

### Coverage and comparability

Reporting units are legal entities and parts thereof as well as individual fishermen who are engaged in commercial maritime and freshwater fishing, small coastal fishing or in the production of sea fish and other sea organisms according to the records of the Directory of Fisheries of the Ministry of Agriculture on issued licences for fishing and fish farming.

Data on the production of milt are collected in line with the Ordinance on statistical data collection on aquaculture (NN, Nos 137/21 and 87/22) and are expressed in the number of pieces, which is why they are not comparable to data from previous years. Pursuant to the same Ordinance, data on the quantities of food and fertilizers consumed in fishponds are no longer collected.

### Abbreviations

EC	European Community
EU	European Union
GT	gross tonne
ha	hectare
kg	kilogram
kuna/kg	kuna per kilogram
kW	kilowatt
m	meter
m <sup>2</sup>	square meter
NN	Narodne novine, official gazette of the Republic of Croatia
t	tonne

### Symbols

- no occurrence

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