

# PROFESSIONAL FISHING FOR SMALL PELAGICS IN THE NORTH ADRIATIC

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# THE FISHING FLEET

(pelagic trawlers and purse seiners)

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## The marine fishing fleet

The boats of the maritime fishing fleet that are devoted to fishing for small pelagic fish (European anchovy and sardina) with pair nets are the so-called "flying" vessels, which are now joined by a few vessels in Friuli Venezia Giulia and Abruzzo and that operate with the purse seiners fishing system.

The analysis of the data reported in the table, from a ministerial source (MASAF), highlights the boats authorized in GSA 17 – north and central Adriatic for pelagic trawlers and purse seiners.

NAUTICAL VESSELS AUTHORIZED FOR SMALL PELAGIC FISHING IN GSA 17										
REGIONE	2017		2023		2024		Var. 2024/2023		Var. 2024/2017	
	Pelag. traw.	Purse sein.	Pelag. traw.	Purse sein.	Pelag. traw.	Purse sein.	Pelag. traw.	Purse sein.	Pelag. traw.	Purse sein.
Friuli V. G.	0	7	0	4	0	4	-	0.0%	-	-42.9%
Veneto	41	0	28	0	22	0	-21.4%	-	-46.3%	-
Emilia-Romagna	34	0	16	0	17	0	6.3%	-	-50.0%	-
Marche	26	1	16	1	17	1	6.3%	0.0%	-34.6%	0.0%
Abruzzo	7	5	5	5	5	5	0.0%	0.0%	-28.6%	0.0%
Molise	0	1	0	1	0	1	-	0.0%	-	0.0%
Puglia	9	9	12	7	14	8	16.7%	14.3%	55.6%	-11.1%
<b>Total GSA 17</b>	<b>117</b>	<b>23</b>	<b>77</b>	<b>18</b>	<b>75</b>	<b>19</b>	<b>-2.6%</b>	<b>5.6%</b>	<b>-35.9%</b>	<b>-17.4%</b>

In the last year, the number of vessels authorized for purse seining (19 in total) in GSA 17 increased by 5.6% compared to 2023, while the pelagic trawlers (75 units) showed an annual loss of -2.6%.

Compared to 2017, the decreases were more significant for purse seiners (-17.4% in the period) and pelagic trawlers (-35.9%, almost halved).

# COMPANIES AND WORKERS IN THE FISHING SECTOR

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## Companies and workers

The primary fisheries companies of Veneto have seen a sharp decline in fishing sector in the last 20 years (-37.2%) which is echoed by a sharp increase in aquaculture (+79.6%). In terms of employment, regional fishing in the same period has seen an increase in employees of 5.6%, while for breeding the increase is 173.9%.

Veneto	Companies		Workers	
	Fishing	Aquaculture	Fishing	Aquaculture
2005	1,794	883	1,756	698
2010	1,570	1,426	3,370	1,446
2015	1,397	1,602	2,234	1,916
2020	1,485	1,652	2,206	1,869
2024	1,127	1,586	1,855	1,912
<b>Var. 2024/2005</b>	<b>-37.2%</b>	<b>79.6%</b>	<b>5.6%</b>	<b>173.9%</b>

Chioggia	Companies		Workers	
	Fishing	Aquaculture	Fishing	Aquaculture
2005	518	25	718	53
2010	384	55	1,012	145
2015	331	99	840	103
2020	319	122	1,003	105
2024	270	127	865	89
<b>Var. 2024/2005</b>	<b>-47.9%</b>	<b>408.0%</b>	<b>20.5%</b>	<b>67.9%</b>

The situation found in Chioggia navy is not dissimilar, with a decrease in fishing companies by 47.9% compared to 2005 and a large increase in aquaculture companies (+408%).

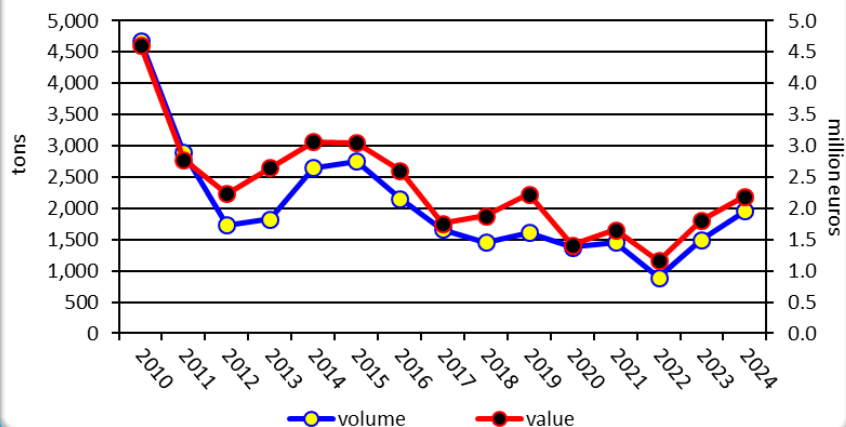
Regarding the employment, differences are less strong, with an increase in fishing in (+20.5%) and in aquaculture (+67.9%).

# LOCAL PRODUCTION OF ANCHOVIES AND SARDINES IN THE NORTH ADRIATIC

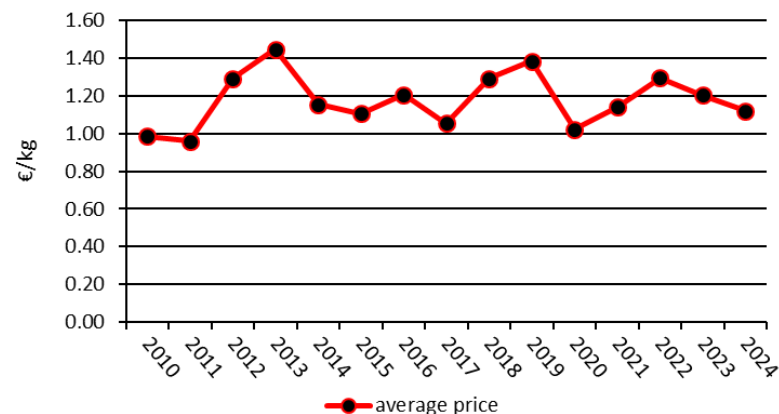
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## Small pelagic production in Chioggia

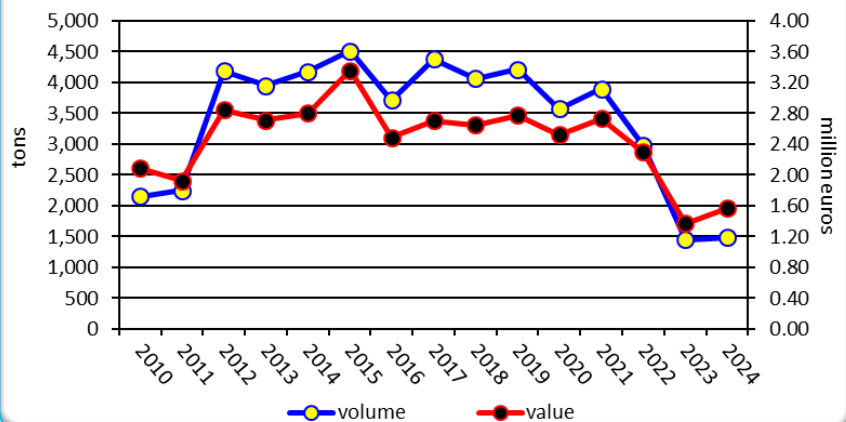
Landing of local anchovies in Chioggia



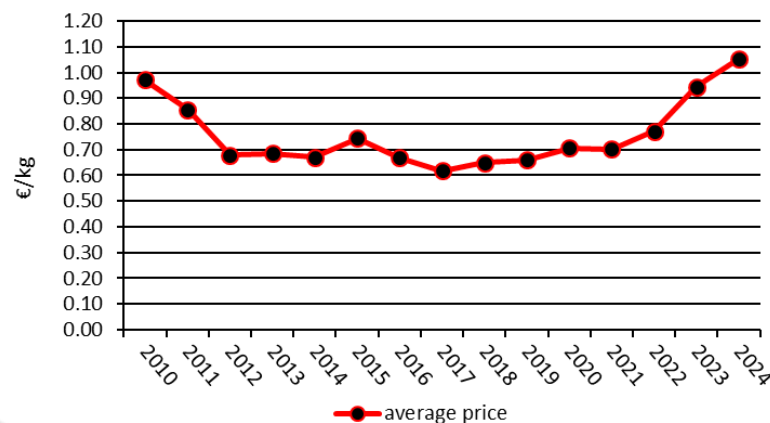
Average price of local anchovies in Chioggia



Landing of local sardines in Chioggia

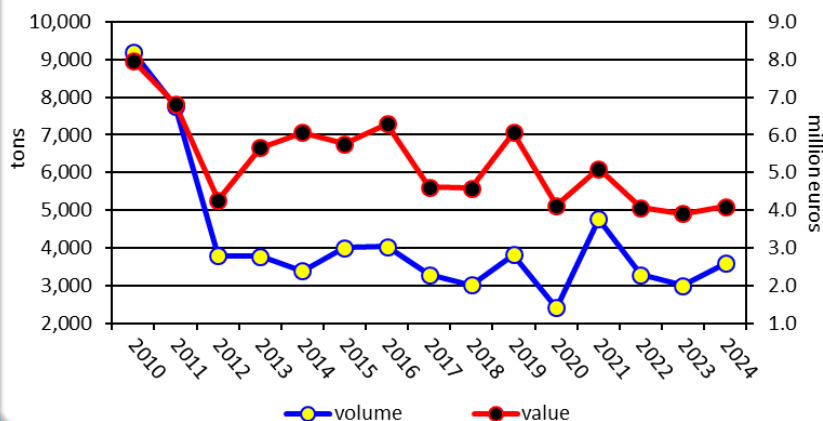


Average price of local sardines in Chioggia

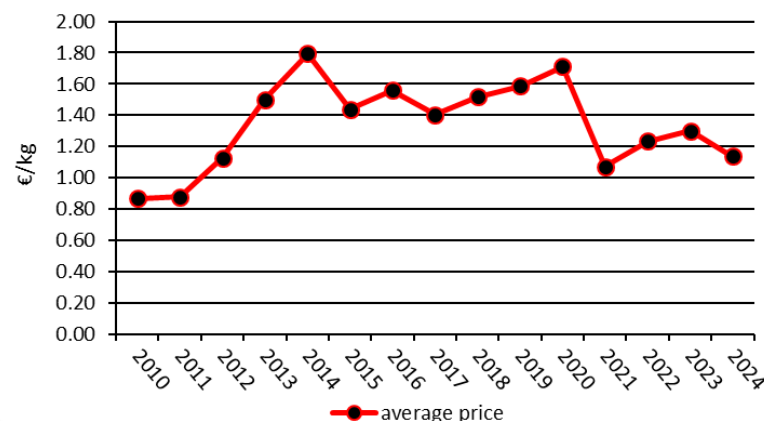


## Small pelagic production in Pila-Porto Tolle

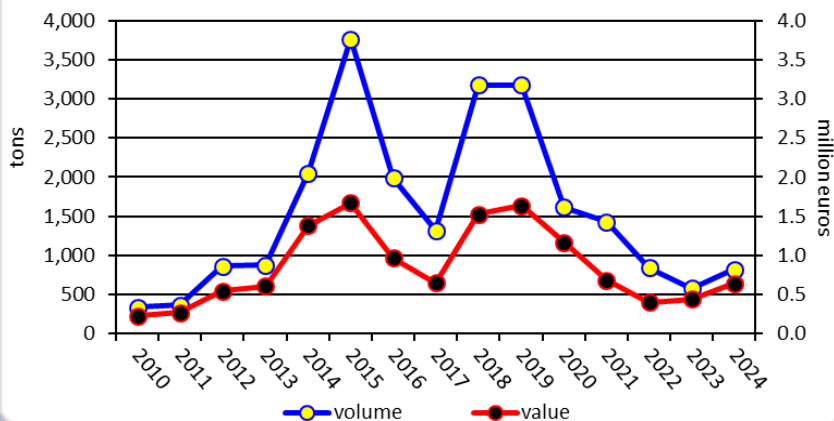
Landing of local anchovies in Pila-Porto Tolle



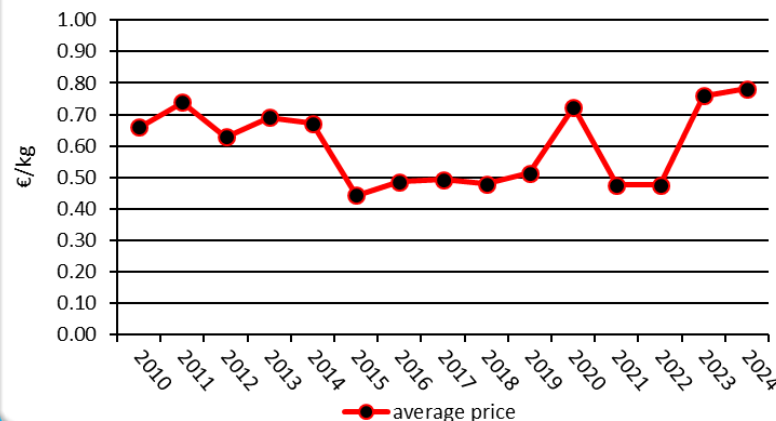
Average price of local anchovies in Pila-Porto Tolle



Landing of local sardines in Pila-Porto Tolle



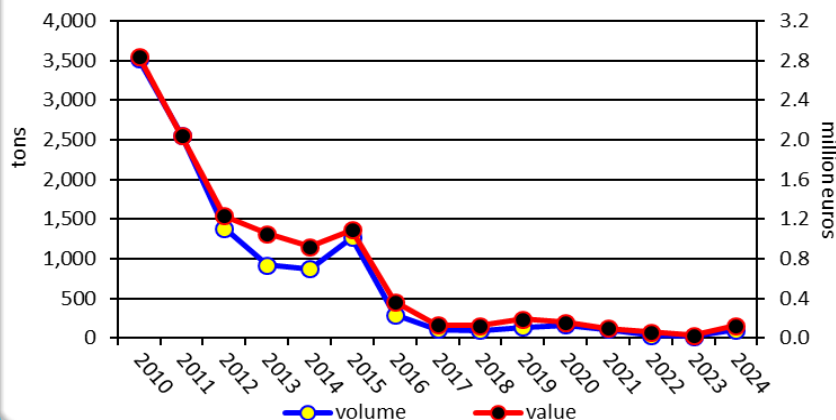
Average price of local sardines in Pila-Porto Tolle



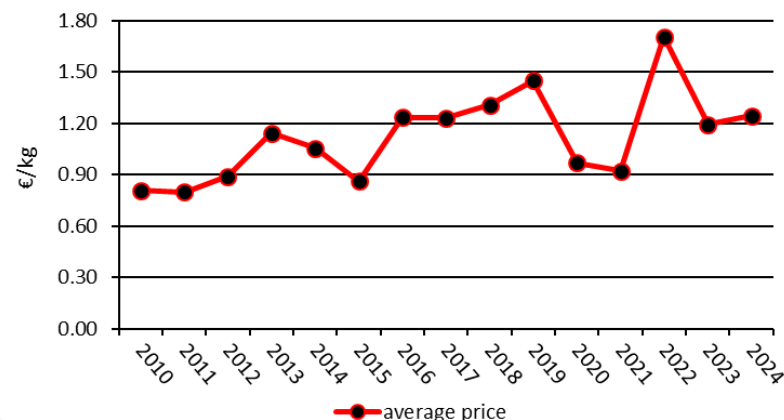


## Small Pelagic Production in Porto Garibaldi

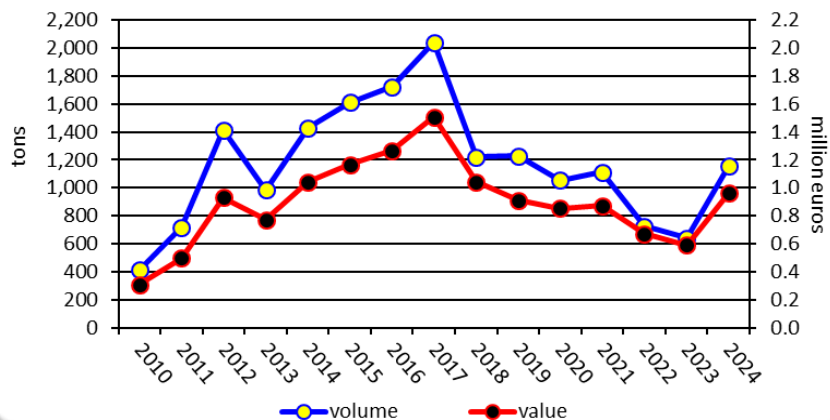
Landing of local anchovies in Porto Garibaldi



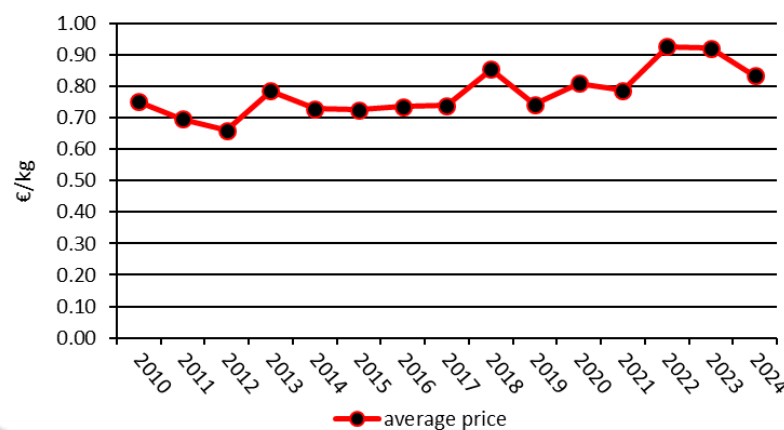
Average price of local anchovies in Porto Garibaldi



Landing of local sardines in Porto Garibaldi

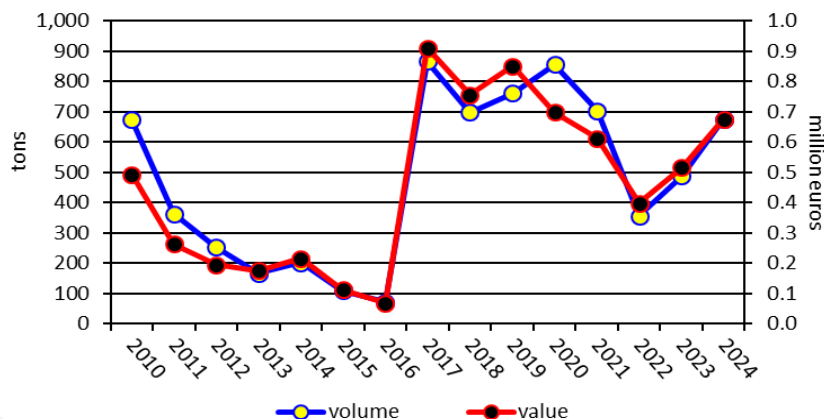


Average price of local sardines in Porto Garibaldi

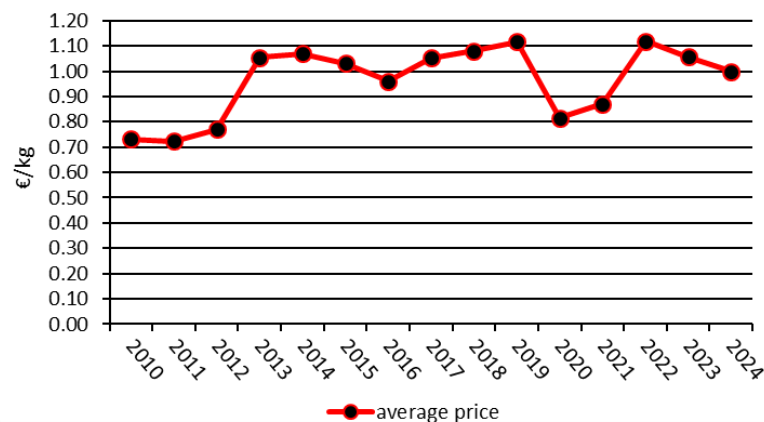


## Small pelagic production in Cesenatico

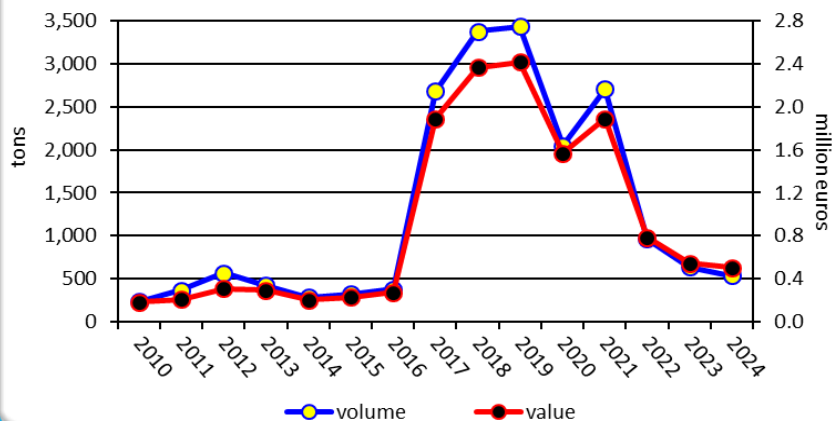
Landing of local anchovies in Cesenatico



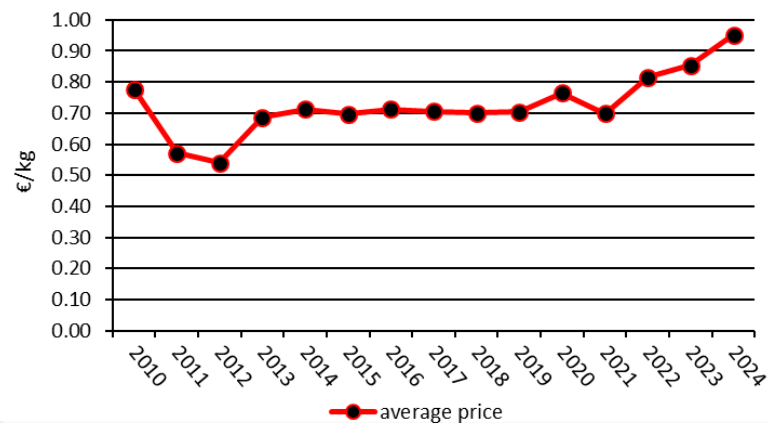
Average price of local anchovies in Cesenatico



Landing of local sardines in Cesenatico

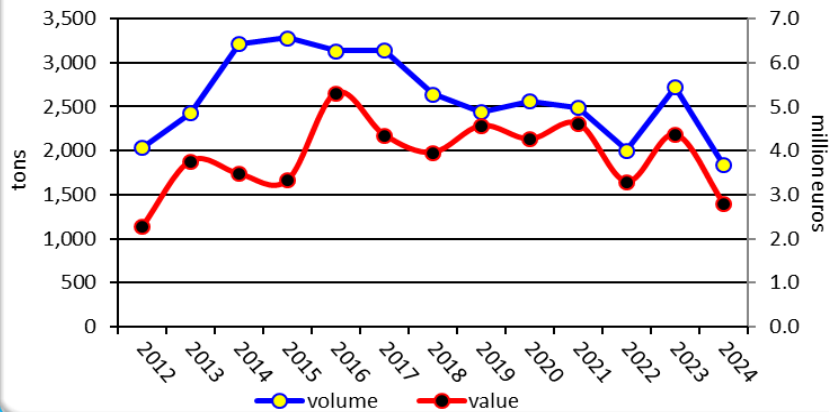


Average price of local sardines in Cesenatico

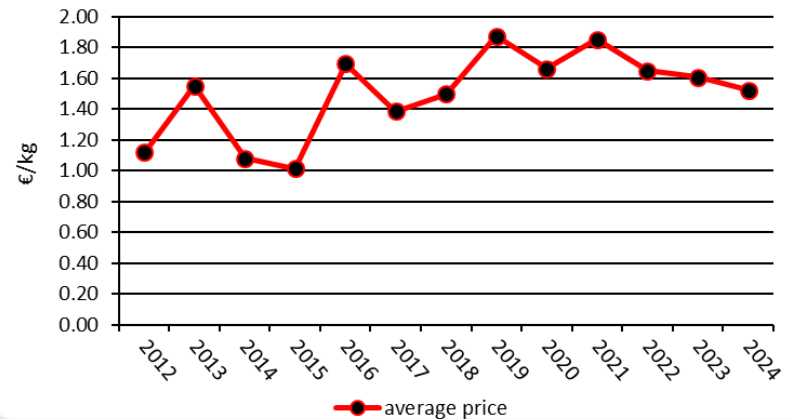


## Small pelagic production in the Marche

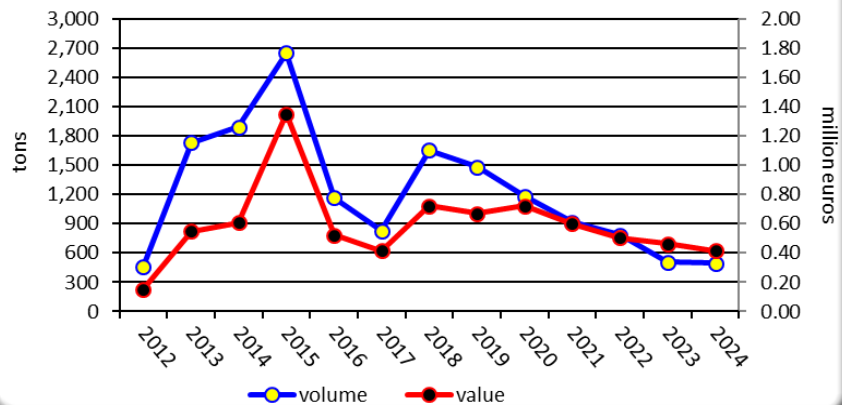
Landing of local anchovies in the Marche



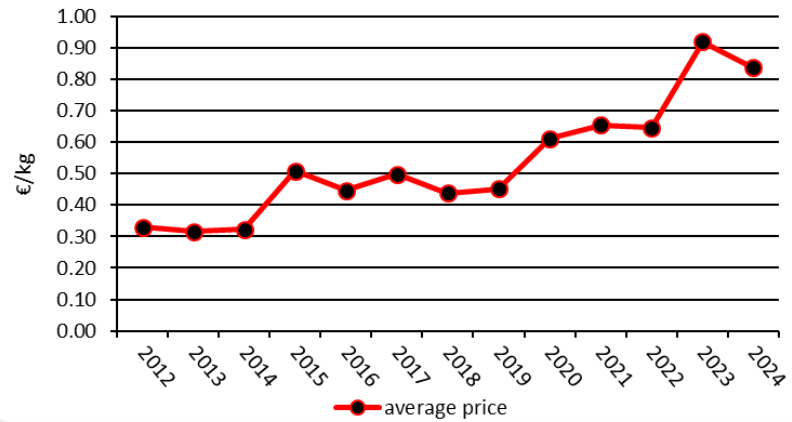
Average price of local anchovies in the Marche



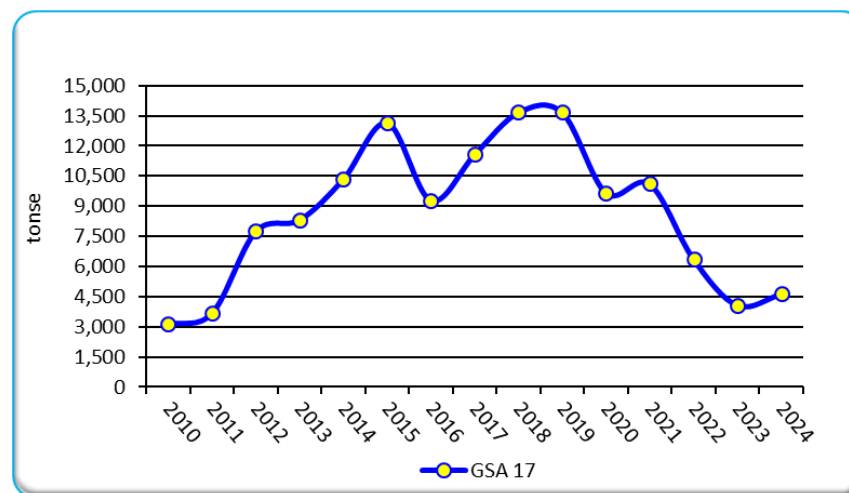
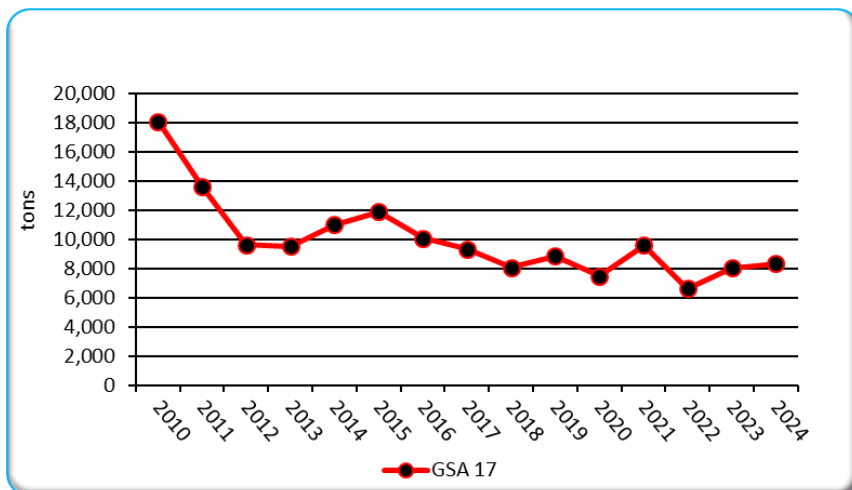
Landing of local sardines in the Marche



Average price of local sardines in the Marche



## Small pelagic production in GSA 17



## Small pelagic production in GSA 17

QUANTITIES OF ANCHOVIES SOLD IN GSA 17 (data in tons)					
	2013	2023	2024	Var. 2024/2023	Var. 2024/2013
Friuli V.G.	401	294	166	-43.4%	-58.6%
Veneto	5,604	4,505	5,550	23.2%	-1.0%
Emilia-Romagna	1085	510	774	51.9%	-28.6%
Marche	2,431	2,723	1,840	-32.4%	-24.3%
Abruzzo	1,929	2,461	2,101	-14.6%	8.9%
Molise	31	0	3	4301.2%	-90.4%
<b>Total GSA 17</b>	<b>11,482</b>	<b>10,493</b>	<b>10,435</b>	<b>-0.5%</b>	<b>-9.1%</b>

QUANTITIES OF SARDINES SOLD IN GSA 17 (data in tons)					
	2013	2023	2024	Var. 2024/2023	Var. 2024/2013
Friuli V.G.	358	264	144	-45.4%	-59.6%
Veneto	4,830	2,031	2,307	13.6%	-52.2%
Emilia-Romagna	1410	1,279	1,687	31.9%	19.6%
Marche	1,733	505	496	-1.8%	-71.4%
Abruzzo	272	55	40	-27.1%	-85.1%
Molise	18	0	1	699.3%	-96.3%
<b>Total GSA 17</b>	<b>8,621</b>	<b>4,135</b>	<b>4,676</b>	<b>13.1%</b>	<b>-45.8%</b>

# VARIABLE COSTS OF SMALL PELAGIC FISHING WITH PELAGIC TRAWLERS

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## Variable costs of the fishing with pelagic trawlers

The average cost of the fuel spent annually by a pair of steering wheels in the last year is approximately 270 thousand euros, which has increased by 28% compared to 2017. On the other hand, the cost of the workforce is more constant in the period analyzed, with a decrease of 6% recorded in the last year compared to 2017. The cost related to the purchase of the cassettes is also constant over the period, with an increase of only approximately 8%.

VARIABLE COSTS SUSTAINED BY A PAIR OF PELAGIC TRAWLERS							
Year	Diesel cost	Labor cost	Cost of cassettes	Cost of ice	Maintenance	Hull maintenance	Fishing days
2017	€ 211,024	€ 365,134	€ 123,543	€ 29,012	€ 53,475	€ 36,100	160
2018	€ 260,766	€ 394,512	€ 130,112	€ 33,067	€ 69,289	€ 12,500	174
2019	€ 276,131	€ 416,742	€ 148,723	€ 42,647	€ 32,890	€ 17,000	180
2020	€ 176,670	€ 349,488	€ 131,615	€ 37,911	€ 37,390	€ 27,400	154
2021	€ 221,808	€ 388,880	€ 174,493	€ 40,724	€ 49,046	€ 45,290	164
2022	€ 342,904	€ 303,206	€ 144,742	€ 27,348	€ 34,285	€ 11,000	154
2023	€ 247,353	€ 288,713	€ 112,776	€ 28,798	€ 41,926	€ 18,300	147
2024	€ 270,246	€ 343,273	€ 133,662	€ 40,136	€ 37,213	€ 14,250	147

Over the past seven years, the annual cost of purchasing ice has increased by 38%, while the cost of general maintenance and hull maintenance has decreased by 30% and 60%, respectively.

The average days spent at sea for a steering wheel-type boat are also decreasing compared to 2017, given that the current 147 days per year correspond to a -8%.

# Thank you for your attention!



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