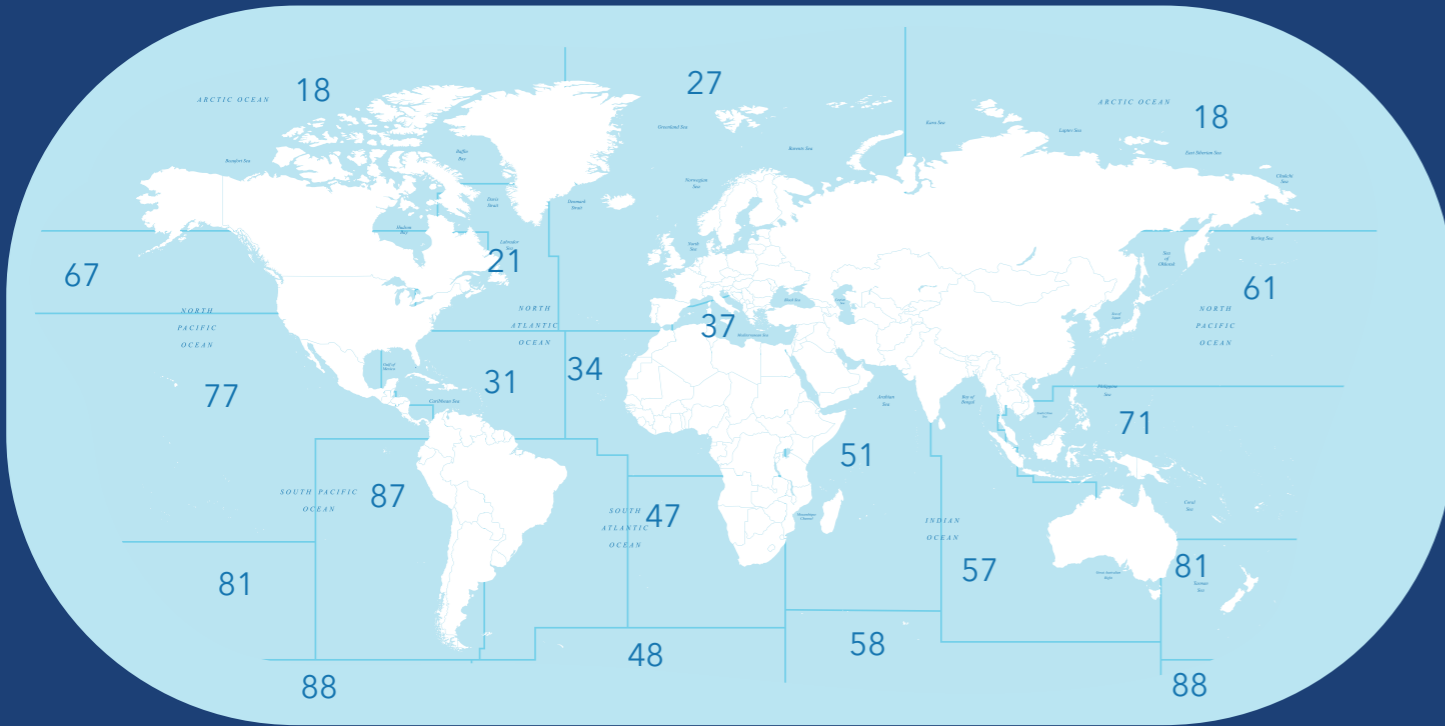




# FAO Major Fishing Areas



Area	Sea	Area	Sea
18	Arctic Sea	57	Indian Ocean, Eastern
21	Atlantic, Northwest	58	Indian Ocean, Antarctic & Southern
27	Atlantic, Northeast	61	Pacific, Northwest
31	Atlantic, Western Central	67	Pacific, Northeast
34	Atlantic, Eastern Central	71	Pacific, Western Central
37	Mediterranean and Black Sea	77	Pacific, Eastern Central
41	Atlantic, Southwest	81	Pacific, Southwest
47	Atlantic, Southeast	87	Pacific, Southeast
48	Atlantic, Antarctic	88	Pacific, Antarctic
51	Indian Ocean, Western		

## Marine Ingredients

Species	Fishing Areas	Marine Protein		Marine Oil		Total Volume			
		Tonnes	Share	Tonnes	Share	Tonnes	Share	Trimmings	
Peruvian Anchoveta	87	64,120	30.5 %	25,618	21.2 %	89,737	27.1 %	0%	
Atlantic Herring	27	37,427	17.8 %	11,221	9.1 %	48,648	14.6 %	69%	
Blue Whiting	27	21,842	10.4 %	507	0.4 %	22,349	6.7 %	0%	
Sandeel	27	15,355	7.3 %	2,954	2.4 %	18,309	5.5 %	0%	
Anchovy	34, 37, 47, 51, 61, 71	1,079	0.5 %	16,278	13.2 %	17,357	5.2 %	1%	
Antarctic Krill	48	14,881	7.1 %	0	0.0 %	14,881	4.5 %	0%	
Chub / Jack Mackerel	87	10,586	5.0 %	2,904	2.4 %	13,490	4.0 %	2%	
Farmed Salmon trimmings	27	1,074	0.5 %	11,030	9.0 %	12,104	3.6 %	100%	
Tuna Trimmings	21, 27, 31, 34, 47, 51, 57	10,578	5.0 %	1,120	0.9 %	11,698	3.5 %	100%	
Araucanian Herring	87	7,867	3.7 %	3,685	3.0 %	11,552	3.5 %	0%	
Sardinella	34	0	0.0 %	11,438	9.3 %	11,438	3.4 %	9%	
South American Pilchard	77	235	0.1 %	9,983	8.1 %	10,218	3.1 %	0%	
Wild seafood by-products*	27, 34, 57, 77, 87	5,134	2.4 %	3,842	3.1 %	8,976	2.7 %	79%	
European Pilchard	27, 34, 37	4,555	2.2 %	3,190	2.6 %	7,745	2.3 %	54%	
Atlantic Mackerel Spp.	27, 34	2,262	1.1 %	3,673	3.0 %	5,935	1.8 %	73%	
European Sprat	27	2,323	1.1 %	2,683	2.2 %	5,006	1.5 %	3%	
Alaska Pollock	18, 67	0	0.0 %	4,563	3.7 %	4,563	1.4 %	100%	
Pacific Anchoveta	77, 87	817	0.4 %	3,191	2.6 %	4,008	1.2 %	0%	
Menhaden	31	3,433	1.6 %	477	0.4 %	3,911	1.2 %	0%	
Norway Pout	27	2,553	1.2 %	306	0.2 %	2,859	0.9 %	2%	
Other	21, 27, 31, 34, 47, 77, 87	1,486	0.7 %	1,148	0.9 %	2,634	0.8 %	3%	
Indian Oil Sardine	51	1,483	0.7 %	1,053	0.9 %	2,536	0.8 %	0%	
Red-Eye Round Herring	47	875	0.4 %	165	0.1 %	1,040	0.3 %	4%	
		<b>Total</b>	<b>209,966</b>	<b>100.0 %</b>	<b>121,029</b>	<b>100.0 %</b>	<b>330,995</b>	<b>100.0 %</b>	
		<b>MSC</b>	83,172	39.6 %	27,132	22.4 %	110,304	33.3 %	
		<b>MarinTrust</b>	177,827	84.7 %	62,714	51.8 %	240,541	72.7 %	
		<b>Fishery Improvement Projects</b>	11,986	5.7 %	9,212	7.6 %	21,198	6.4 %	
		<b>ASC Compliance**</b>	167,681	79.9 %	80,196	66.3 %	247,878	74.9 %	
		<b>Trimmings</b>	48,034	22.9 %	31,121	25.7 %	79,155	23.9 %	
		<b>MarinTrust + FIP</b>	189,813	90.4 %	71,926	59.4 %	261,739	79.1 %	

Table 10. Species in marine meals and oils used by BioMar in 2020 are disclosed in the table above in descending order, according to total volume (metric tonnes). Respective shares of species and MSC, MarinTrust, FIP and ASC-compliant material is also shown. China volumes are not included.

\*Includes species landed in compliance with the revised EU Common Fisheries Policy Landing Obligation (discards ban), fully implemented on January 1st, 2019.

\*\*ASC Compliance in accordance with species standards and their respective indicators in the ASC Interim solution for marine ingredients <sup>15</sup>