

India's Marine Fish Landings Decline in January 2021

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NETFISH-MPEDA records marine fish landings and boat arrivals at selected major harbour/landing centres in the nine coastal states of India through the Harbour Data Collectors on a daily basis. This report gives the species-wise, harbour-wise and state-wise trend of marine landings that occurred at 95 harbours in January 2021.

Estimations on fish landings

A total catch of 69224.26 tons of marine fishery resources was reported from 95 harbours during the month. The major contributor to the total landings was pelagic finfish resources with a share of 43% (29737.27 tons). This was followed by the demersal finfishes with landings of 21911.45 tons (32%). The Crustaceans contributed 8813.30 tons (13%), Molluscs 8659.16 tons (12%) and miscellaneous items contributed a meagre 103.10 tons (Fig.1).

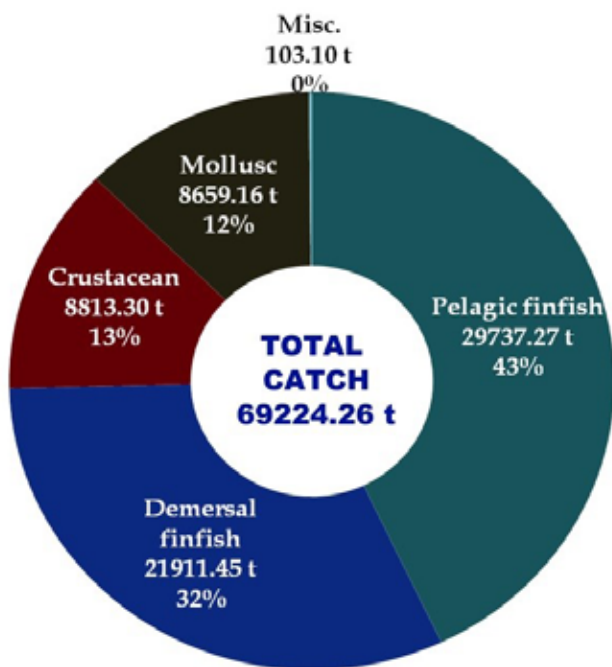


Fig. 1. Catch composition of marine landings recorded in January 2021

The total catch comprised 281 species of fishery items, of which the highest five contributors were *Rastrelliger kanagurta* (Indian mackerel), *Nemipterus japonicus* (Japanese thread fin bream), *Sepia pharaonis* (Pharaoh cuttlefish), *Otolithes* Spp (Dhoma croaker) and *Johnius* Spp (Croaker) (Table 1).

Sl. No.	Common name	Scientific name	Quantity in tons
1	Indian mackerel	<i>Rastrelliger kanagurta</i>	6055.82
2	Japanese thread fin bream	<i>Nemipterus japonicus</i>	3028.44
3	Pharaoh cuttlefish	<i>Sepia pharaonis</i>	2966.34
4	Dhoma croaker	<i>Otolithes</i> Spp	2714.89
5	Croaker	<i>Johnius</i> Spp	2287.58

Whereas, considering various fishery items landed, in general, the top five contributors were Croakers, Coastal shrimps, Indian Mackerel, Cuttlefish and Tunas which together formed 39% of the total catch (Fig. 2).

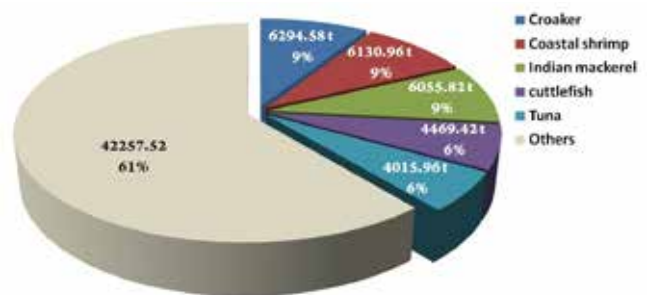


Fig. 2. Major fishery items landed during January 2021

The total catch quantity of various categories of fishery items recorded during January 2021 is enlisted in Table 2. Among the Pelagic finfish resources, Indian

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mackerel, Tunas & Ribbon fishes were the major contributors whereas among demersal finfishes, the major contributors were Croakers, Japanese Threadfin breams and Lizard fish. About 70% of the Crustacean catch comprised various species of Coastal shrimps, among which the highest contributor (21%) was the Karikkadi shrimp. Cuttlefish was the major molluscan variety landed during the period.

Table 2. Category-wise landing of various fishery items during January 2021

Fishery item	Quantity in tons	% of total catch
Pelagic finfishes		
Indian mackerel	6055.82	8.75
Tuna	4015.96	5.80
Ribbon fish	3510.65	5.07
Lesser sardines	3004.86	4.34
Scads	2615.31	3.78
Anchovies	2581.02	3.73
Bombay duck	2241.47	3.24
Indian oil sardine	1191.08	1.72
Seerfishes	1069.13	1.54
Shads	879.58	1.27
Trevallys	628.82	0.91
Mackerels	332.39	0.48
Barracudas	308.68	0.45
Mahi mahi	304.00	0.44
Sail fish	200.04	0.29
Herrings	136.59	0.20
Mullets	125.62	0.18
Marlins	107.77	0.16
Indian salmon	105.35	0.15
Queenfishes	96.56	0.14
Needlefishes	81.69	0.12
Cobia	68.55	0.10
Flying fish	51.50	0.07
Sea bass	12.55	0.02
Halfbeaks	6.49	0.01
Milk fish	3.77	0.01
Wahoo	1.94	0.00
Pompanos	0.10	0.00
Total	29737.27	42.96

Demersal finfishes		
Croakers	6294.58	9.09
Japanese thread fin bream	3028.44	4.37
Lizard fishes	2169.57	3.13
Catfishes	1877.68	2.71
Groupers	1515.63	2.19
Sole fishes	1193.09	1.72
Pomfrets	1034.80	1.49
Bullseyes	847.39	1.22
Moon fish	684.14	0.99
Sea breams	531.70	0.77
Goatfishes	481.97	0.70
Trigger fishes	370.38	0.54
Ponyfishes	321.42	0.46
Sharks	249.71	0.36
Eels	223.83	0.32
Rays	223.75	0.32
Snappers	213.20	0.31
Rabbit fishes	158.40	0.23
Flat heads	151.49	0.22
White fishes	130.73	0.19
Threadfins	62.34	0.09
Silverbellies	37.99	0.05
File fishes	36.99	0.05
Perches	22.66	0.03
Whittings	15.72	0.02
Halibuts	15.52	0.02
Surgeon fishes	5.01	0.01
Mud skipper	3.73	0.01
Parrot fishes	3.38	0.00
Sweet lips	2.70	0.00
Grunts	2.63	0.00
Sickle fish	0.59	0.00
Spade fish	0.33	0.00
Total	21911.45	31.65
Crustaceans		
Coastal shrimps	6130.96	8.86
Deepsea shrimps	1787.86	2.58
Sea crabs	844.66	1.22
Lobsters	42.17	0.06
Mud crab	7.66	0.01
Total crustaceans	8813.30	12.73
Molluscs		
Cuttlefishes	4469.42	6.46

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Squids	3819.27	5.52
Octopus	339.46	0.49
Baigai	31.01	0.04
Total molluscs	8659.16	12.51
Miscellaneous		
Jellyfish	94.92	0.14
Pearl spot	6.13	0.01
Moon jellyfish	1.95	0.00
Tilapia	0.10	0.00
Total	103.10	0.15
Grand Total	69224.26	100.00

Harbour-wise landings

The total landings reported from each of the selected harbours during the month are given in Table 3. Of the 95 harbours, the New Ferry Wharf harbour in Maharashtra recorded the maximum fish landing, which was to the tune of 8761.60 tons (13%) and it was followed by the Porbandar and Veraval harbours in Gujarat with 5122.50 tons (7%) and 4853.16 tons (7%) respectively. The least quantity of marine fish catch was recorded from Jagathapattinam harbour in Tamil Nadu (10.46 tons).

Table 3. Total landings reported from selected harbours during January 2021

State	Harbour	Catch Quantity (tons)	Boat arrivals (nos.)
West Bengal	Petuaghat Deshpran	1706.46	556
	Digha Sankarpur	1499.33	511
	Namkhana	1158.78	297
	Raidighi	909.41	294
	Kakdwip	518.57	272
	Fraser Ganj	449.60	298
	Soula	388.12	171
Odisha	Balramgadi	590.63	258
	Dhamara	468.51	175
	Paradeep	426.99	137
	Bahabalpur	369.56	159
	Balugaon	123.30	547
Andhra Pradesh	Visakhapatnam	1195.60	310
	Nizampatnam	536.37	137
	Vodarevu	429.71	387
	Machilipatnam	271.43	124
	Kakinada	264.79	133
	Pudimadaka	164.34	148

Tamil Nadu	Chennai	2440.18	544
	Nagapattinam	1538.16	583
	Karaikal	796.11	289
	Tharuvaikulam	558.39	231
	Thengaipattinam	473.95	419
	Colachel	460.57	225
	Pazhayar	194.14	496
	Yanam	150.31	132
	Cuddalore	136.60	543
	Pondicherry	131.46	135
	Poompuhar	117.94	470
	Tuticorin	107.79	317
	Chinnamuttom	88.00	333
	Mudalodi	64.55	215
	Kodiyakarai	61.09	359
	Mandapam	50.88	220
	Mallipattinam	35.42	221
	Rameswaram	34.61	141
	Pulicat	22.95	461
	Kerala	Kottaipattinam	17.94
Jagathapattinam		10.46	87
Sakthikulangara		1916.93	1190
Thoppumpady Cochin		1585.43	502
Munambam		1229.93	838
Neendakara		760.21	686
Beypore		570.71	306
Vypin		314.72	238
Kayamkulam		247.19	226
Chellanam		231.69	459
Azheekkal		178.34	339
Puthiyappa		157.25	106
Mopla Bay		137.09	328
Cheruvathur		105.19	320
Ponnani		93.56	217
Thangassery		93.15	226
Thottappally		77.74	171
Koyilandi		72.44	209
Munakkakadavu		65.95	207
Vaadi		39.54	270
Karnataka	Vizhinjam	38.45	349
	Chettuva	28.37	117
	Malpe	2374.96	1027
	Mangalore	2043.43	873
	Gangolli	656.60	598
	Honnar	547.56	228

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	Bhatkal	417.81	417
	Amdalli	287.16	141
	Karwar	244.32	182
	Belekeri	227.42	109
	Tadri	196.32	355
Goa	Malim	2027.04	455
	Cutbona	559.13	201
	Vasco	292.07	205
	Chapora	24.82	232
Maharashtra	New Ferry Wharf	8761.60	1045
	Ratnagiri	1388.49	439
	Sasoon Dock	1035.60	478
	Arnala	733.97	318
	Sakharinate	452.22	240
	Harne	252.10	544
	Uttan	242.88	111
	Alibagh Koliwada	197.13	412
	Satpati	131.94	168
	Malvan	108.16	384
	Versova	107.61	152
	Onni Bhatti Dabhol	96.48	268
	Taramumbri Devgad	96.26	415
	Vasai	73.67	81
	Dahanu	17.65	76
Gujarat	Porbandar	5122.50	1935
	Veraval	4853.16	2266
	Okha	3097.76	1064
	Mangrol	2358.22	1730
	Jafrabad	1564.75	464
	Vanakbara	1387.30	714
	Chorwad	215.56	721
	Kotada	123.80	64

State-wise landings

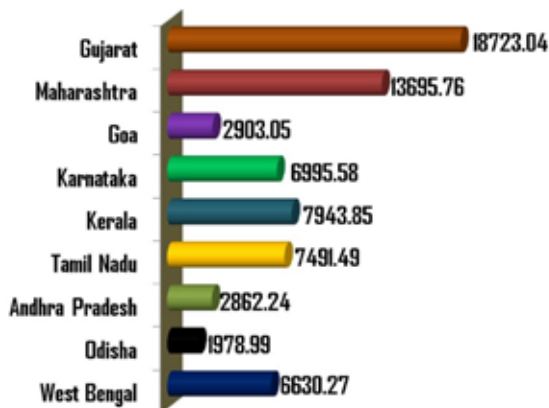


Fig.3. State-wise fish landings (in tons) during January 2021

The state of Gujarat recorded the highest marine landings in January 2021, to the tune of 18723.04 tons (27%) (Fig.3). Maharashtra, in the second position, contributed 13695.76 tons (20%), followed by Kerala with a total landing of 7943.85 tons (11%). The state which reported least landing during the period was Andhra Pradesh, with a landing of 2862.24 tons (4%) of marine catch.

Estimations on boat arrivals

In January 2021, about 37904 nos. of boat arrivals were recorded from the 95 harbours. State-wise figures for the month (Fig. 4) shows that the highest number of boat arrivals occurred in Gujarat, followed by Kerala and Tamil Nadu. The harbour-wise details of boat arrivals are enlisted in the Table 3. The highest recording was from Veraval (2266 nos.), Porbandar (1935 nos.) and Mangrol (1730 nos.) harbours in Gujarat. The Kotada harbour in Gujarat is the last in the list with only 64 nos. of boat arrivals.

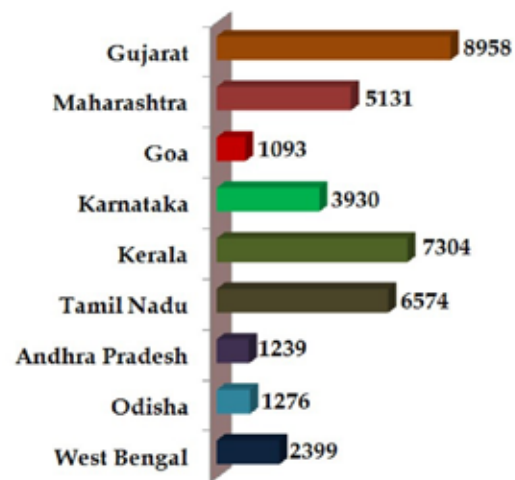


Fig. 4. State-wise boat arrivals (nos.) during January 2021

Summary

In January 2021, 69224.26 tons of marine fishery resources were landed. 37904 nos. of boat arrivals were reported from 95 major fish landing sites of India. A dip by around 28000 tons was observed in the total catch, when compared to December 2020 and the number of boat arrivals had registered a decrease by more than 5500 numbers. The Pelagic finfishes continued to be the major contributors to the total landings and the Indian mackerel maintained its 1st position of the most landed fishery item for the month. As in previous month, the state of Gujarat had recorded the maximum landing for the month and the New Ferry Wharf harbour in Maharashtra reported the highest quantity of fish landings. In terms of number of boat arrivals, Gujarat state and the Veraval harbour in the state continued to top the list with the most number of boat arrivals. 🐟