

# Marine Fish Landings: Mackerel tops the list of highest caught fishery items

Dr. Joice V. Thomas & Dr. Afsal V.V. MPEDA-NETFISH

**N**ETFISH collects the details of boat arrivals and marine fish landings occurring at selected major harbour/landing centres in the 9 coastal states of India and a database on this is being maintained to facilitate the Catch certification scheme of MPEDA. The number of boat arrivals and the quantity of various fishery items landed at these harbours are collected on a daily basis by the Harbour Data Collectors. This report gives the species wise, harbour wise and state wise trend of marine landings at 95 harbours during the month of February 2021.

## I. ESTIMATION OF FISH LANDINGS

Marine fish landings reported from 95 selected harbours in February 2021 totalled 59679.21 tonnes, of which the Pelagic finfish resources contributed the highest share of 46% (27236.13 tonnes). It was followed by the Demersal finfishes with 31% share (18464.82 tonnes), Crustaceans with 12% share (7453.75 tonnes) and Molluscs with 11% share (6524.52 tonnes) (Fig.1).

Landings of about 270 species of marine fishery items were recorded from the harbours, among which the highest five contributors were *Rastrelliger kanagurta* (Indian mackerel), *Nemipterus japonicus* (Japanese threadfin bream), *Katsuwonus pelamis* (Skipjack tuna), *Johnius* Spp. (Croaker) and *Lepturacanthus* Spp. (Ribbon fish) (Table 1).

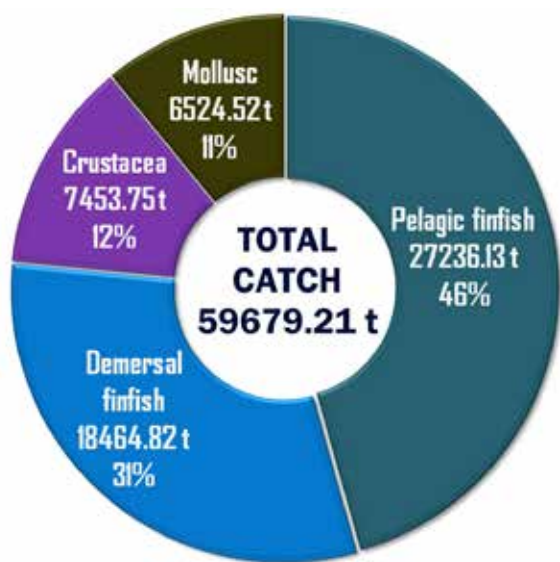


Fig.1. Catch composition of marine landings recorded in February 2021

Table. 1 Major fish species landed during February 2021

Sl. No:	Common name	Scientific name	Qty. in tonnes
1	Indian mackerel	<i>Rastrelliger kanagurta</i>	4818.00
2	Japanese threadfin bream	<i>Nemipterus japonicus</i>	2738.79
3	Skipjack tuna	<i>Katsuwonus pelamis</i>	2607.14
4	Croaker	<i>Johnius</i> Spp.	2031.25
5	Ribbon Fish	<i>Lepturacanthus</i> Spp.	1962.13

## FOCUS AREA

Whereas, considering various groups of fishery items landed, the top five contributors were Tunas, Coastal shrimps, Indian Mackerel, Croakers and Squids which together formed 38 % of the total catch (Fig 2).

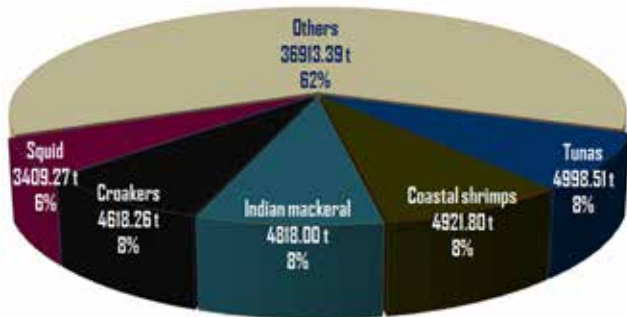


Fig. 2 Major fishery items landed during February 2021

Table 2 presents the total catch quantity of various categories of fishery items recorded during February 2021. Among the Pelagic finfish resources, Tunas & Indian mackerel were the major contributors whereas among Demersal finfishes, the major contributors were Croakers & Japanese Threadfin breems.

About 66% of the Crustacean catch was comprised of different species of Coastal shrimps, among which the highest landed species were *Parapenaeopsis styliifera* (Karikkadi shrimp) (18%) and *Metapenaeus dobsoni* (Poovalan shrimp) (12%). Squids and Cuttle fishes were the major Molluscan varieties landed during the period.

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

FISHERY ITEM	QTY. IN TONNES	% OF TOTAL CATCH
<b>Pelagic Finfishes</b>		
Tunas	4998.51	8.38
Indian mackerel	4818.00	8.07

Anchovies	3349.93	5.61
Ribbon fish	3160.25	5.30
Scads	2595.72	4.35
Lesser sardines	1590.09	2.66
Shad	1186.26	1.99
Bombay duck	1173.72	1.97
Indian oil sardine	1111.96	1.86
Seer fish	942.25	1.58
Sailfish	347.68	0.58
Barracudas	279.03	0.47
Mahi mahi	273.68	0.46
Swordfish	256.59	0.43
Mackerel	199.76	0.33
Trevally	157.07	0.26
Marlins	132.09	0.22
Herrings	130.66	0.22
Needlefish	124.51	0.21
Mulletts	110.13	0.18
Indian salmon	104.26	0.17
Cobia	62.64	0.10
Queen fish	61.85	0.10
Flying fish	50.50	0.08
Milk fish	7.70	0.01
Sea bass	7.37	0.01
Half beaks	3.54	0.01
Wahoo	0.21	0.00
Pompano	0.19	0.00
Total	27236.13	45.64

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Demersal Finfishes		
Croakers	4618.26	7.74
Japanese threadfin bream	2738.79	4.59
Catfishes	1808.76	3.03
Lizard fish	1579.32	2.65
Sole fishes	1142.53	1.91
Reef cods	1074.85	1.80
Pomfrets	1016.44	1.70
Sea breams	755.35	1.27
Bullseyes	623.84	1.05
Moon fish	487.30	0.82
Goat fishes	484.20	0.81
Leather jacket	390.57	0.65
Sharks	320.44	0.54
Pony fishes	222.73	0.37
Eels	193.57	0.32
Rays	184.25	0.31
Snappers	178.55	0.30
Rabbit fishes	174.52	0.29
Flat head	121.40	0.20
White fish	107.74	0.18
Indian threadfin	48.99	0.08
Perches	28.45	0.05
Emperor bream	22.58	0.04
Halibut	20.42	0.03
Silverbelly	20.23	0.03
Threadfish	19.39	0.03
Silver biddies	14.09	0.02

Whittings	12.85	0.02
Jobfish	12.72	0.02
Trigger fishes	11.92	0.02
Sweet lip	9.37	0.02
Groupers	7.17	0.01
Surgeonfish	6.82	0.01
Parrot fish	3.83	0.01
Sickle fish	1.66	0.00
Spade fish	0.74	0.00
Pony fish	0.21	0.00
Total	18464.82	30.94
Crustaceans		
Coastal shrimps	4921.80	8.25
Deep sea shrimps	1569.29	2.63
Crabs	926.38	1.55
Lobsters	36.28	0.06
Total	7453.75	12.49
Molluscs		
Squid	3409.27	5.71
Cuttlefish	2825.77	4.73
Octopus	287.97	0.48
Whelk	1.51	0.00
Total	6524.52	10.93
<b>TOTAL CATCH</b>	<b>59679.21</b>	<b>100.00</b>

**Harbour-wise landings:** The total landings reported from each of the selected harbour during the month are given in Table 3. Of the 95 harbours, the New Ferry Wharf harbour in Maharashtra recorded the maximum fish landing, to the tune of 5399.71 tonnes (9%). It was followed by the

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Porbandar and Okha harbours in Gujarat with 4061.52 tonnes (7%) and 3368.09 tonnes (6%) respectively. The least quantity of landing was reported from Jagathapattinam harbour in Tamil Nadu (11.47 tonnes).

**Table 3. Harbour-wise catch quantity & boat arrivals during February 2021**

State	Harbour	Catch Quantity (tonnes)	Boat arrivals (nos.)
West Bengal	Petuaghat Deshpran	1315.50	431
	Digha Sankarpur	1102.69	399
	Namkhana	926.40	286
	Raidighi	843.31	271
	Fraser Ganj	695.11	379
	Kakdwip	340.84	222
	Soula	268.02	121
Odisha	Paradeep	1521.63	321
	Balaramgadi	639.96	288
	Bahabalpur	363.69	149
	Dhamara	281.31	103
	Balugaon	114.36	487
Andhra Pradesh	Visakhapatnam	1209.75	325
	Nizampatnam	460.49	132
	Kakinada	433.55	219
	Vodarevu	350.43	410
	Machilipatnam	271.72	141
	Pudimadaka	138.35	102
Tamil Nadu & Pondicherry	Chennai	1781.65	393
	Nagapattinam	1246.18	491
	Karaikal	1013.02	336
Kerala	Tharuvaikulam	955.85	224
	Thengaipattinam	572.65	451
	Colachel	263.25	175
	Yanam	241.97	169
	Pazhayar	210.91	432
	Pondicherry	164.16	162
	Poompuhar	80.48	300
	Tuticorin	80.43	246
	Cuddalore	80.35	371
	Mudasalodi	62.32	231
	Chinnamuttom	56.01	294
	Kodiyakarai	51.89	391
	Rameswaram	49.40	139
	Mandapam	38.82	173
	Mallipattinam	26.74	187
	Pulicat	22.91	426
Kerala	Kottaipattinam	13.53	84
	Jagathapattinam	11.47	84
	Thoppumpady Cochin	1892.89	386
	Sakthikulangara	1479.32	919
	Munambam	1064.48	704
	Neendakara	622.03	595
	Beypore	526.71	362
	Vypin	321.69	209
	Chellanam	165.91	355
	Puthiyappa	136.05	102
Kerala	Azheekkal	131.63	274
	Kayamkulam	128.63	159

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	Ponnani	98.25	229
	Cheruvathur	64.66	215
	Thangassery	58.74	243
	Mopla Bay	45.72	274
	Munakkadavu	36.34	163
	Thottappally	32.29	156
	Vaadi	30.18	278
	Chettuva	18.09	116
	Koyilandi	16.93	168
	Vizhinjam	16.52	260
	Karnataka	Malpe	1884.43
Honnar		1867.05	458
Mangalore		1595.49	689
Amdalli		277.99	164
Karwar		262.67	352
Belekeri		179.75	107
Bhatkal		165.34	318
Gangolli		159.85	409
Tadri		129.10	173
Goa	Malim	1001.00	432
	Cutbona	864.00	253
	Vasco	244.28	189
	Chapora	30.42	289
Maharashtra	New Ferry Wharf	5399.71	815
	Sasoon Dock	1775.10	560
	Ratnagiri	1444.55	423
	Sakharinate	351.13	224
	Harne	350.92	610

	Satpati	336.13	181	
	Arnala	303.49	190	
	Alibagh Koliwada	177.56	335	
	Uttan	136.96	79	
	Versova	113.85	120	
	Onni Bhatti Dabhol	104.71	297	
	Malvan	98.78	390	
	Taramumbari Devgad	60.97	358	
	Vasai	60.59	64	
	Dahanu	33.34	160	
	Gujarat	Porbandar	4061.52	1631
		Okha	3368.09	959
Veraval		3073.68	1983	
Mangrol		2174.58	1564	
Vanakbara		1304.80	776	
Jafrabad		751.56	290	
Kotada		173.97	86	
Chorwad	173.80	635		

**State-wise landings:** Among the 9 coastal states, Gujarat with a share of 25% reported the highest marine landings during February 2021, which was to the tune of 15082.00 tonnes (Fig.3). Maharashtra took the second position with a contribution of 10747.77 tonnes (18%). Tamilnadu & Pondicherry together held the third position with a total landing of 7023.98 tonnes (12%). The least marine landing during the period was reported in Goa, with 2139.69 tonnes (4 %).

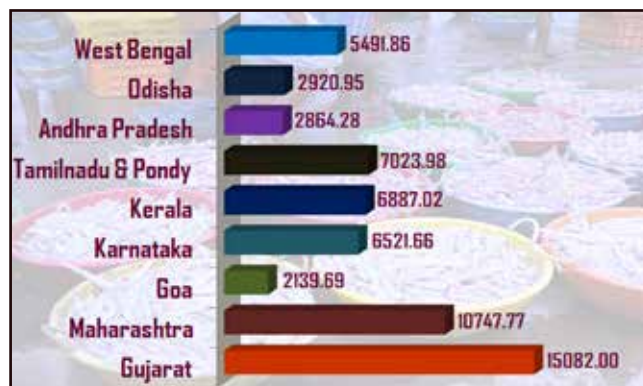


Fig.3 State-wise fish landings (in tonnes) during February 2021



## FOCUS AREA

### II. ESTIMATION OF BOAT ARRIVALS

In February 2021, a total of 34189 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 (23%) and then in Kerala (18%) and Tamil Nadu & Pondy (17%). The harbour wise details of boat arrivals are given in table 3. The highest recording was from Veraval (1983 nos.), Porbandar (1631 nos.) and Mangrol (1564 nos.) harbours in Gujarat. The Vasai harbour in Maharashtra is the last in the list with only 64 nos. of boat arrivals.

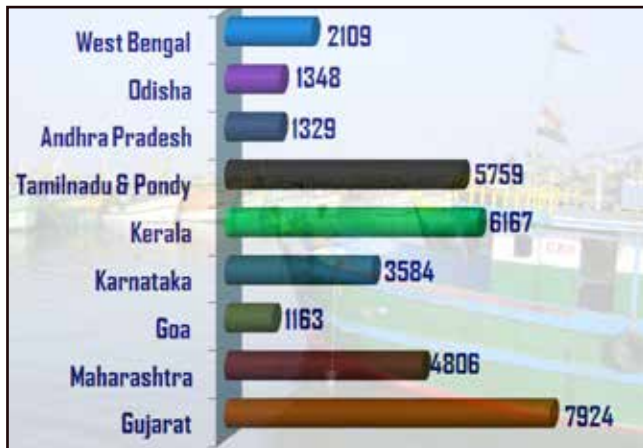


Fig.4 State-wise boat arrivals (nos.) during February 2021

**Summary:** In February 2021, a total of 59679.21 tonnes of marine fish landings and 34189 nos. of boat arrivals were reported from 95 major fish landing sites of India.

A dip by around 9500 tonnes was observed in the catch landing, when compared to January 2021 and the number of boat arrivals had registered a decrease by more than 3700 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 fish species for the month. However, the Tunas had registered as the most landed fishery item for the month.

As in the previous month, the state of Gujarat and the New Ferry Wharf harbour in Maharashtra continued in the first position in terms of total quantity landed. In the case of number of boat arrivals, the Gujarat state and the Veraval harbour in the state continued in the prime position with most number of boat arrivals.

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