

ECONOMIC SURVEY REPORT FOR 2025-2026 IN RESPECT OF FISHERIES DEPARTMENT

1. Sectoral Overview:

Sustainable Development of Fishery Sector in the state of Mizoram for nutritional security and livelihood support in the main objective of the Sector.

Out of the estimated State potential of about 24000 hectares suitable for fish culture only around 26.53% i.e. 6367.58 hectare is developed in the form of ponds for fish culture till date. The culture sector is estimated to engage around 22661 nos. of fish farmers.

The State is blessed with 17 rivers with a combined length of around 1750 kms and 2 medium Hydro-electric Reservoirs namely Serlui B HEP Reservoir and Tuirial HEP Reservoir. The capture sector is estimated to provide source of income directly and indirectly to around 6000 individuals.

2. Achievements made in the sector during the year under key indicators:

The total State budget for Fisheries Department during 2024-2025 is Rs. 1101.80 lakhs, out of which Rs. 1080.35 lakhs are committed under Direction and Administration. The achievement for development of Fisheries Sector therefore depends largely on the fund flow from the central schemes.

3. Brief write-up of implementation of Schemes/Projects

- a. **Bana Kaih (Hand Holding)** - The "Bana Kaih" (Handholding) Policy in Mizoram is a flagship government scheme to support and uplift the livelihoods of its citizens through financial and skill-based assistance. It aims to provide collateral-free loans, credit guarantees, and interest subsidies for selected individuals and projects, helping to improve economic well-being across various sectors.

Under the scheme 18 beneficiaries has been selected for sanction of loan for fish culture under Handholding scheme

- b. **Chief Minister's Special Package:** The "CM Special Package" in Mizoram is part of the state's flagship Bana Kaih (Handholding) Scheme, which aims a grant-in-aid of up to ₹1 lakh for those unable to take out loans.

Under this scheme 201 nos. of beneficiaries have been selected under Fisheries sector.

c. Achievement under CSS & CS

PRADHAN MANTRI MATSYA SAMPADA YOJANA(PMMSY):

Pradhan Mantri Matsya Sampada Yojana (PMMSY) is a scheme to develop India's fisheries sector in a socially inclusive, economically viable, and ecologically healthy way. The scheme is being implemented from 2020-2021 to 2024-2025 across all states and union territories. The sharing pattern of the Scheme is 54:6:40 between Govt of India, Govt of Mizoram and the beneficiaries respectively.

The total fund received from Government of India under PMMSY is during 2024-2025 is Rs. 651.5675 lakhs and Rs. 72.40 lakhs as State Matching Share from the State Government. The achievement during the year during 2024-2025 are as follows :

- **New ponds :** Financial assistance is given to 250 nos. of beneficiaries for construction of new ponds covering a total of 50 hectares throughout the 11 districts of the state.
- **Fingerling Rearing areas :** Financial assistance is given 350 nos. of beneficiaries from all the district of Mizoram for construction of a total of 70 hectares of new fingerling area.
- Inputs such as fish seeds & feeds are provided to cover 50 hectare of water area.
- **Ornamental fish breeding:** For promotion of Ornamental fish business, assistance is given to 3 nos. of entrepreneurs from Aizawl District for establishment of Backyard Ornamental fish rearing unit. Another 3 youth entrepreneurs from Aizawl are assisted for establishment of Medium Scale Ornamental Rearing unit.
- Support for establishment of Live Fish Vending Centre is given to 1 (one) beneficiary from Aizawl District.
- Financial assistance is given to 1(one) beneficiary from Lunglei District for establishment of Ice Plant.
- Biofloc fish culture : Financial assistance is given to 1(one) beneficiary each from Aizawl and Kolasib and 3 beneficiaries from Champhai District for establishment of Biofloc fish culture.

3. Problems, Opportunities and Future Prospects

- **Problems:** The heavy monsoon rains coupled with the hilly terrains of the State results in high rate of siltation and frequent flooding of the fish ponds, which

in turn result in shorter lifetime of fish ponds as compared to the plains. The lack of funds for renovation of existing ponds causes difficulties for the rural farmers to revitalize their ponds for maintaining constant production level which is one of the main limiting factors for the increase in fish production of the State. Out of the total 6367.58 hectare of developed fish ponds, around 20% of the existing fish ponds are lying damaged and unutilized for fish culture.

The low manpower in the Department is another limiting factor for reaching desired level of development in Aquaculture.

- **Opportunities:** Perennial clear water streams having high oxygen contents moderate climate and adequate rainfall in the State provides possibility for highly intensive culture of every commercial freshwater fishes. Blessed with wide varieties of unique indigenous hill stream fishes the State also has potential to develop ornamental fish export trade.
- **Future Prospect:** Adoption of modern fish culture methods such as Bio-floc fish culture system which can provide high fish production in limited space and minimum water requirement especially in the hilly areas of the state to provide livelihood opportunities.

Establish ornamental fish trade by Identification of the indigenous ornamental fish species and development of the breeding techniques of the selected fish species.

Utilization of space-based technologies for identification of potential area and mapping of the existing fish ponds for more comprehensive planning.

II. SECTORAL STATISTICS / BRIEF WRITE-UP:

1. Farmers (District-wise)

District	No of Fish Farmers	Women Farmers	Youth Farmers	No of SHG/FFPO's engaged	Remarks
Aizawl	1802	450	Data Not available		
Lunglei	2036	305			
Saiha	1841	312			
Kolasib	3958	474		1	
Mamit	3415	443		1	
Lawngtlai	2868	421			
Serchhip	1915	287			
Champhai	1978	336			
Saitual	942	197			
Khawzawl	1160	150			
Hnahthial	746	119			
TOTAL	22661	3494			

2. Fish Production, Area and Revenue Collected (District-wise)

District	Water area under fisheries	Total Production (MT)	Productivity (kg/ha)	Revenue Collected	Remarks
Aizawl	501.71	416.52	830.20	Actual Data not available	Production is estimated as the potential production. Actual Catch data of every individual farmers is not recorded.
Lunglei	647.61	484.08	747.49		
Saiha	525.21	494.22	941.00		
Kolasib	1270.21	1710.58	1346.69		
Mamit	1209.41	1683.7	1392.17		
Lawngtlai	889.39	849.57	955.23		
Serchhip	484.69	460.4	949.89		
Champhai	532.75	577.69	1084.35		
Saitual	99.2	61.01	615.02		
Khawzawl	119.2	66.92	561.41		
Hnahthial	88.2	47.49	538.44		
Total	6367.58	6852.16			

3. Fish Imports (Volume and value)

Source (State/Country)	Fish type	Quantity Imported (MT)	Value (Lakh/Cr.)	Share in total supply	Remarks
Assam/Andhra Pradesh etc	Indian Major Carps, Exotic Carps & catfishes etc	1000	2000		Since Fisheries Dept. has no check gate, data is collected from importers.

4. Fish Feed and Fish Seed – Production and Imports

a. Fish Feeds:

Parameter	Quantity	Source (Local/Imported)	Value (Lakh/Cr.)	Remarks
High protein Pelleted fish feeds	4475 Quintals	Imported	135.75 lakhs	supplied through schemes only. Import under private business not recorded.

b. Fish seeds

District	Hatcheries/ seed Farms	Fish production	Fish seed production	Imports (Million fry fingerlings)	Remarks
Kolasib	7		150		Since Fisheries Department has no check gate at the State boundary, individual import data not available.
Mamit	1		20		
Serchhip	1		40		
Lawngtlai	1		15		
Lunglei	1		3		
Saitual	1		10		
Aizawl	1		12		

5. Farmers Concentrated Areas (Clusters)

District	Cluster/Block	Area under Fish Culture	No of farmers	Major fish species cultured	Remarks
Siaha	Theirei Village Tipa RD Block	10	24	Indian Major Carps- Catla, Rohu, Mrigal and Exotic Carps-Grass Carp, Common Carp, Silver Carp etc	
	Pema Zau	15	15		
Champhai	Champhaizawl	1000	40		Paddy cum fish culture
	Zote pumphir zau to phaithlang zau,	20	40.		
	Lailiphai	6	30		
Khawzawl	Tuisenphai zau, Khawzawl RD Block.	20	60		
	Tuira phai zau Khawzawl Rd Block.	12	20		
Lunglei	Kauchhuah to Zampherlui Zau	8	10		
	Huisih zau to Vanva Zau	15	10		
	Chite zau	8	17		
Lawngtlai	Udalthana area	40	115		
	Chmdur area	28	45		
Saitual	Kahizawl	3.5	7		
	Tuisa kam zau, Teikhang	8	5		
	Tuivai zau, Phuaibuang	3	5		
Aizawl	Selum zau, Samlukhai	4	20		
	Lungpuizwl zau, Sumsuih	3	15		
	Lobelthleng zau, E.Phaileng	4	10		
Mamit	Zawlzau	25 ha	25		
	Darlak lui zau	20 ha	15		
	Mitdellui zau	21 ha	25		
	Luimawi zau	30 ha	25		
	Zaupui zau	20 ha	15		
	Taiate zau	14 ha	10		
	Ngawpui zau	30 ha	50		
	Lokilui zau	40 ha	45		
	Buklui zau	40 ha	30		
	Dil zau	9 ha	10		
	Thangrei zau	15 ha	20		
	Sihthiang lui zau	30 ha	25		
	Terei lui zau	25 ha	10		
	Leilet zau	32 ha	46		
	Saisih zau	15 ha	16		
	Lushaicherra zau	200 ha	50		
Kolasib	Phaipheng	20	20		
	Sesih zau	20	20		
	Cheppui/ Cheppui Zau	10	20		
	Chite Phai Zau	15	25		
	Chhimluang Zau	5	15		

	Teidu Phai zau	5	10		
	Buarchep Zau	30	60		
	Khawchhung Zau	30	60		
	Chepte Zau	15	20		
	Chhimluang Zau	8	10		
	Chawnpui zau	15	25		
Serchhip	Zawlpui Zau	40	100		
	Phaidung Zau	7.3	65		
	Thenzawl Zau	20	35		

6. Water Resource & Potential

Water Resource type	Potential (Ha/Km)	Utilized area (Ha)	Unutilised area (Ha)	Remarks
Ponds and Tanks	24000	6367.58	17632.42	26.53% utilized for fish culture
Rivers	1750 km	1750 km		
Reservoirs	8000	8000		
Lakes	10	10		

7. Species-wise production

Species	Production (MT/Nos)	Share of trade (%)	Indigenous/Exotic	Remarks
Common Carp	1713	23.95	Exotic	
Rohu	1028	14.37	Indian Major Carp	
Mrigal	1028	14.37	Indian Major Carp	
Grass carp	1413	19.75	Exotic	
Catla	1371	19.16	Indian Major Carp	
Others	600	8.39		

8. Ornamental or high value Fish.

Species	Production (MT)	Share of trade (%)	Indigenous/Exotic	Remarks
	Data not available			

9. Post Harvest Loses and Value Addition:

Product type	Estimated post-harvest loss (%)	Processed product (Dried/smoked/frozen)	Volume processed (MT)	Remarks
Smoked fish	Not Available	Smoked	300	estimated

10. Fish farmers income contribution

District	Average annual Income	Share of fisheries in household income	Remarks
Mizoram	Rs. 60,694	34.92%	The average fish pond area per farmer is 0.28 Ha and average income is estimated from potential production of the average area and farm gate price of Rs. 200/kg. Household income is taken as Rs. 173521 as per Mizoram Statistical Handbook 2022

11. Research Training and Extension

Programme/ Activity	No of Training conducted	Farmers Trained	Partner Institution	Remarks
1-day Workshop at Siaha, Khawzawl & Saitual District	1- each	300		National Fisheries Development Board (NFDB)
3 days- Residental Training Programme for Fish Farmers at Kolasib, Serchhip & Champhai	1- each	125		

12. Infrastructure and Post Harvest facilities

Facility type (Cold Storage, Processing Unit, Market)	District	Capacity	Utilization rate (%)	Remarks
Cold Storage	Aizawl	10 MT		Yet to be commissioned
Ice plant	Aizawl	2 MT per day		Renovation ongoing. Private Ice-plant operation not recorded
	Kolasib	2 MT per day		

13. Credit & Insurance Coverage

a. Credit Facilities

Scheme Type	No. of farmers covered	Credit disbursed (Family/Ha)	Outstanding Loan/ Recovery rates
Not Implemented			

b. Insurance Coverage

Scheme Type	No. of farmers covered	Insurance Coverage (Family/Ha)	Claims Settled
Not Implemented			

14. Employment & Livelihood

District	Farmers employed	Women engaged	Youth engaged	Share of fisheries in Rural employment
Aizawl	1802	450	Data Not available	Rural employment data not available
Lunglei	2036	305		
Saiha	1841	312		
Kolasib	3958	474		
Mamit	3415	443		
Lawngtlai	2868	421		
Serchhip	1915	287		
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15. Climate and Environmental sustainability

Climate impact	Area affected (Ha.)	Production Loss (MT)	Adaptation Measures adopted.
Cyclone Remal	301.50	310.545	Assistance from SDRF and NDRF' as input subsidy @ Rs. 10000 per hectare is provided for rehabilitation.

16. Market Access

Platform/Initiative	No. of farmers engaged	Volume of fish marketed	Remarks
Data not available			

17. Revenue Collection

Source of Revenue	Amount Collected (Lakh/Crore)	Year	Remarks
Rents of Kiosks and fish seed sales from Department farms etc	Rs. 3.18 lakhs	2024-2025	

18. Status of FPO/FPC Promoted

District	Name of FFPO.s	Total members (% of women/% of small & Marginal	Primary crop /commodity	Aggregation of market volume	Processing activities	Paid up Capital	Annual Turnover	Profit/loss (Amount)	Credit linkage with banks	Infrastructure available	Market linkage and buyers/Name	Schemes Aailed (Equity Grant/Credit Gurantee/Training
Kolasib	Lengngha	100 (18% Women)	Fish Farming	2.0 lakhs	Nil	5.1 lakhs per annum	50000	50000	Mizoram Rural Bank	Society office @ Venglai, Kolasib with 1 computer set and 1 printer	Local Vendors within Kolasib District	Nil
Kolasib	Lentupui	70 (18% Women)	Fish Farming	Nil	Nil	5.0 lakhs per annum			Mizoram Rural Bank	Society office @ Hmar Veng, Kolasib with 1 computer set and 1 printer	Local Vendors within Kolasib District	Nil
Mamit	FFPO and Multipurpose Co-Op Society Ltd.	417 nos. (15.8% Women, 93.04 % small and marginal	Fish of different variety	4170 qtls.	Nil	15.00 lakhs	Not yet assessed as marketing is started during 2025-2026	-	Applied	Nil	Market linkage is being assessed as there is no regulated market	Training – 20 nos. Equity gran Rs. 3.45 lakhs Credit guarantee applied.