

SECTOR SPECIFIC REPORT

DECEMBER 2024 EDITION



FISHERIES & ANIMAL HUSBANDRY

- The Basic Animal Husbandry Statistics 2024 Released
- India House of the Rich Diversity of Ornamental Fisheries to Support Marine Export
- National Gopal Ratna Awards Announced to Recognize People Working in Rearing of Indigenous Animals
- Investors Meet 2024 Held in Andaman & Nicobar to Explore Investment Opportunities in the Fisheries and Aquaculture Sector
- The 21st Livestock Census Operation has been Launched to Achieve Improved Data for their Sustainable Development
- Expert Insight



THE BASIC ANIMAL HUSBANDRY STATISTICS 2024 RELEASED

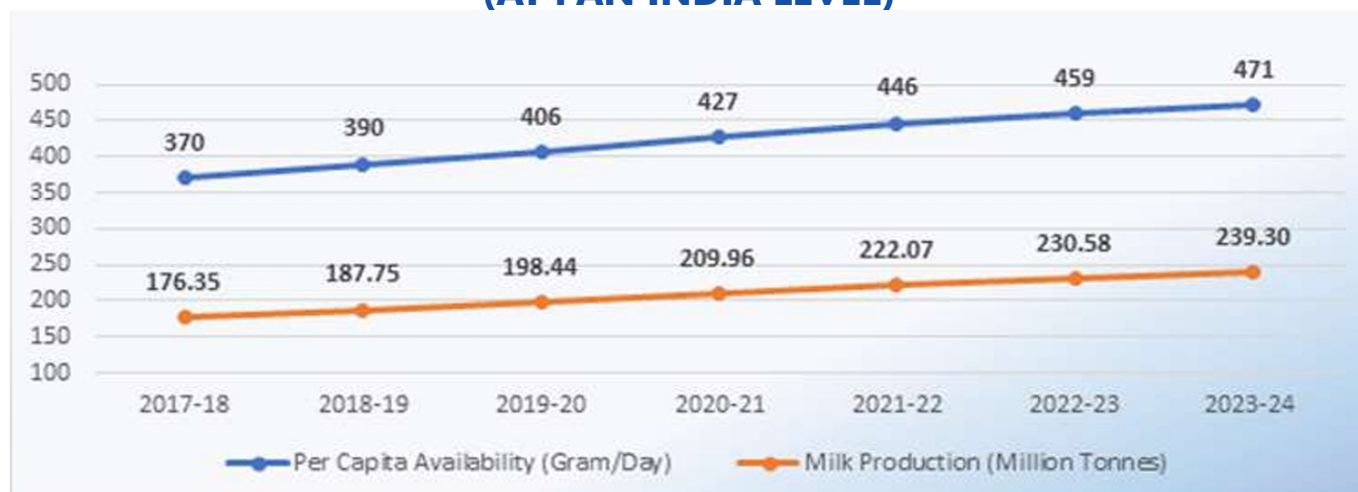
Animal husbandry plays a pivotal role in ensuring food security, rural development, and the growth of India's agricultural economy. As the global demand for animal-based products rises, the release of the Basic Animal Husbandry Statistics (BAHS) 2024 sheds light on critical data that shape policymaking and sustainable growth in the livestock sector.



Source: <https://dahd.gov.in/sites/default/files/2024-11/BAHS-2024.pdf>

The Ministry of Fisheries, Animal Husbandry & Dairying has released the BAHS 2024 data during the celebrations of National Milk Day on November 26, 2024. This comprehensive report, derived from the Integrated Sample Survey conducted between March 1, 2023, and February 29, 2024, offers detailed insights into India's livestock sector, focussing on the production of milk, eggs, meat, and wool.

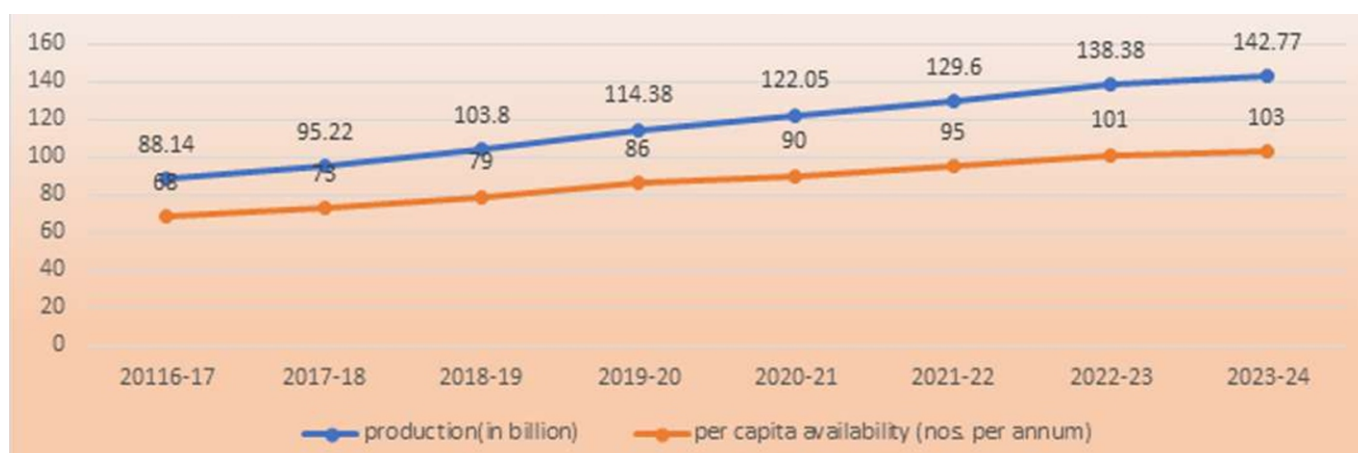
MILK PRODUCTION & PER CAPITA AVAILABILITY OF MILK (AT PAN INDIA LEVEL)



Source: <https://dahd.gov.in/sites/default/files/2024-11/BAHS-2024.pdf>

According to the BAHS 2024 statistics, **milk production reached a record 239.30 million tonnes in 2023-24, reaffirming India's position as the world's largest producer.** Egg production for the assessed year was estimated at 142.77 billion, while the total meat production stood at 10.25 million tonnes. This growth is attributed to advancements in breeding, veterinary services, and government initiatives such as the National Livestock Mission. Further, wool production was estimated at 33.69 million kg, indicating a slight increase from the previous year.

PRODUCTION & PER CAPITA AVAILABILITY OF EGG (AT PAN INDIA LEVEL)



Source: <https://dahd.gov.in/sites/default/files/2024-11/BAHS-2024.pdf>

The report also highlighted the environmental challenges of livestock farming, emphasizing the need for sustainable practices. The data underscores the significant role of animal husbandry in India's economy and its potential for future growth, as well as the importance of backyard poultry and small ruminants in empowering marginal farmers and women. The 2024 report also highlights the top-producing states in India across key livestock products as Uttar Pradesh (Milk), Andhra Pradesh (Egg), West Bengal (Meat), and Rajasthan (Wool).

LIVESTOCK SECTOR AND HIGH-PRODUCING STATES

MILK PRODUCTION



- Uttar Pradesh
- Rajasthan
- Madhya Pradesh
- Gujarat
- Maharashtra

EGG PRODUCTION



- Andhra Pradesh
- Tamil nadu
- Telangana
- West Bengal
- Karnataka

MEAT PRODUCTION



- West Bengal
- Telangana
- Maharashtra
- Andhra pradesh
- Uttar Pradesh

WOOL PRODUCTION



- Rajasthan
- Gujarat
- Maharashtra
- Jammu & Kashmir
- Himachal Pradesh

The 2024 survey serves as a valuable resource for policymakers, researchers, stakeholders, and industry leaders to move forward. It offers thorough state-wise data on the production and per-capita availability of major livestock products. It also provides insights into veterinary infrastructure, including hospitals, polyclinics, and artificial insemination statistics, thereby supporting informed decision-making in the livestock sector.



INDIA HOUSE OF THE RICH DIVERSITY OF ORNAMENTAL FISHERIES TO SUPPORT MARINE EXPORT

India's rich aquatic biodiversity encompasses over 374 indigenous freshwater ornamental fish species and more than 700 indigenous marine varieties, positioning the nation as a significant player in the global ornamental fisheries sector. In the fiscal year 2023-24, India exported 244 metric tons of ornamental fish, generating revenue of Rs 28 Crore.



Source: <https://pmmsy.dof.gov.in/>

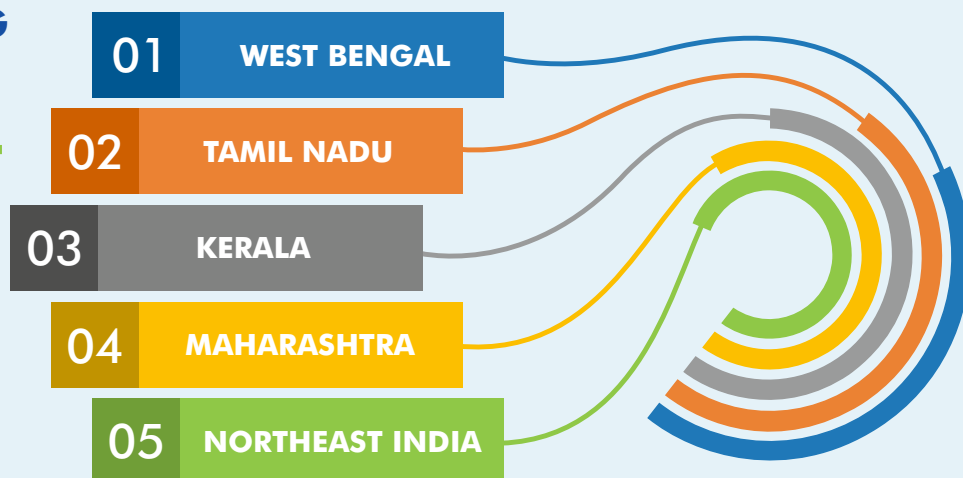
Under the Ministry of Fisheries, Animal Husbandry and Dairying, the Department of Fisheries has launched the "Pradhan Mantri Matsya Sampada Yojana" (PMMSY) for the sustainable growth of the sector. This scheme seeks to bring the Blue Revolution through the sustainable and responsible development of the fisheries sector, including ornamental fisheries. **With an unprecedented investment of Rs 20,050 Crore allocated for five years starting from the fiscal year 2020-21, PMMSY is being implemented across all states and union territories.**



Source: <https://pmmsy.dof.gov.in/>

Between the fiscal years 2020-21 and 2024-25, the Department of Fisheries approved ornamental fisheries development proposals worth a total of Rs 157.64 Crores. **These funds facilitated the establishment of 193 backyard ornamental fish-rearing units, 195 medium-scale rearing units, 32 integrated ornamental fish units, and two ornamental fish brood banks.**

MAJOR-PRODUCING STATES OF ORNAMENTAL FISH



The **Marine Products Export Development Authority (MPEDA)** plays a pivotal role in ensuring the quality and compliance of ornamental fish exports. It conducts rigorous testing and certification to meet the sanitary standards of importing countries. Further, **the ICAR - Central Marine Fisheries Research Institute (CMFRI) achieved breakthroughs in the captive breeding of high-value marine ornamental fish species, such as the Azure Damsel and Ornate Goby.** This development enhances the sustainability of marine ornamental fisheries and opens new avenues for export.



Source: <https://krishijagran.com/news/icar-cmfri-achieves-breakthrough-in-captive-breeding-of-high-value-marine-ornamental-fish/>

Despite these advancements, India's share in the global ornamental fish trade remains modest. Challenges such as sustainable sourcing, transportation logistics, and competition from other exporting nations persist. However, with ongoing government support, technological innovations, and adherence to international standards, India is well-positioned to enhance its standing in the global ornamental fish market in the coming years.

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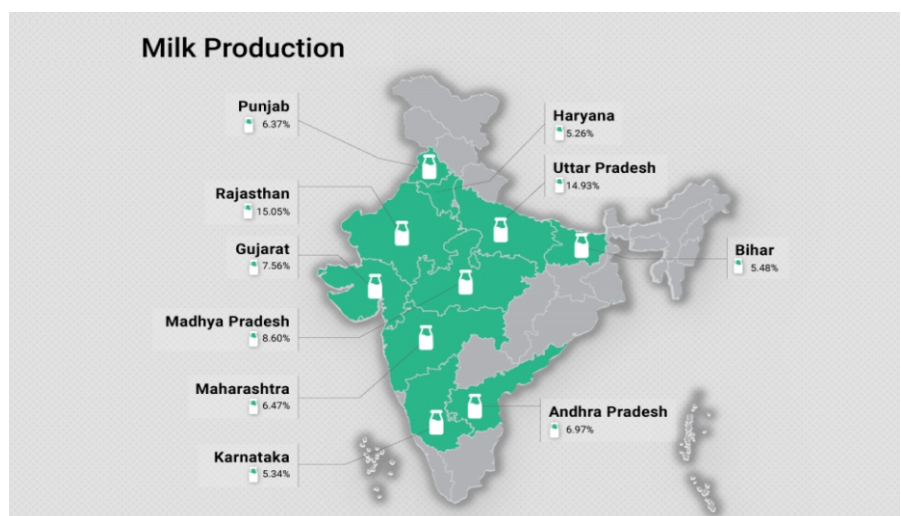
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NATIONAL GOPAL RATNA AWARDS ANNOUNCED TO RECOGNIZE PEOPLE WORKING IN REARING OF INDIGENOUS ANIMALS

India, the largest producer of milk globally, accounts for over 24% of the world's milk production, with indigenous cattle playing a significant role. India produced 239.30 million tonnes of milk in 2023–2024, according to the Basic Animal Husbandry Statistics 2024, which highlights the significance of acknowledging those who contributed to this achievement.

MILK-PRODUCING STATES IN INDIA



Source: <https://www.investindia.gov.in/sector/animal-husbandry-and-dairying/dairy>

During the National Milk Day 2024 celebrations on November 26, the Department of Animal Husbandry and Dairying (DAHD) announced this year's winners of the prestigious National Gopal Ratna Awards. Recognized as one of the highest honours in the livestock and dairy sector, these awards celebrate excellence in Indigenous livestock rearing and dairy innovation. This year, over 2,500 applications were received through an online portal, showcasing the growing interest and commitment among stakeholders in promoting Indigenous animal breeds.



Source: <https://baif.org.in/national-gopal-ratna-award-2024>

Established under the Rashtriya Gokul Mission in 2014, the awards are categorized into three segments: Best Dairy Farmer Rearing Indigenous Cattle or Buffalo Breeds, Best Dairy Cooperative Society or Milk Producer Organization, and Best Artificial Insemination Technician (AIT). A special category was introduced this year to honour contributions from the North Eastern Region (NER), reflecting efforts to integrate underserved areas into the national dairy development framework.



Source: <https://krishijagran.com/news/renu-sangwan-receives-national-award-at-millionaire-farmer-of-india-mfoi-awards-2024/>

The prize structure includes Rs 5 lakh for first-place winners in the farmer and cooperative categories, Rs 3 lakh for second place, Rs 2 lakh for third, and a Rs 2 lakh special award for NER honorees. For AITs, awards focus on technical excellence and include certificates and mementos.

NATIONAL GOPAL RATNA AWARDEES 2024

Best Dairy Farmer Rearing Indigenous Cattle/ Buffalo Breeds

- Smt. Renu from Haryana
- Special Award for NER: Ms. Juna Tamuli Barman from Assam

Best Dairy Cooperative Society/Milk Producer Company/Dairy Farmer Producer Organization

- Gabat Milk Producers Cooperative Society Limited from Gujarat
- Special Award for NER: Kamdhenu Dugdha Utpadak Samabay Samitee Ltd Nityanda from Assam

Best Artificial Insemination Technician (AIT)

- Shri Bhaskar Pradhan from Odisha
- Special Award for NER: Shri Md. Abdur Rahim from Assam

This initiative is pivotal for achieving sustainability in India's \$132.40 billion dairy industry. By honouring innovation and dedication in the livestock sector, the National Gopal Ratna Awards not only celebrate India's rich dairy heritage but also reinforce the government's focus on the scientific conservation and development of Indigenous breeds.

Fisheries and Aquaculture Sector in India:

Business Opportunities in Fisheries and Aquaculture Industry





INVESTORS MEET 2024 HELD IN ANDAMAN & NICOBAR TO EXPLORE INVESTMENT OPPORTUNITIES IN FISHERIES AND AQUACULTURE SECTOR

The Andaman & Nicobar Islands recently hosted the “Investors Meet 2024” to highlight the region's potential in fisheries and aquaculture. **Organized by the Department of Fisheries under India's Ministry of Fisheries, Animal Husbandry & Dairying**, the event showcased investment opportunities in sustainable marine resources.



Source: <https://pib.gov.in/PressReleasePage.aspx?PRID=2073307>

India is aiming to tap the potential that exists in the global tuna industry which is worth around US\$ 40 billion. The Andaman & Nicobar Islands possess rich marine biodiversity with an Exclusive Economic Zone (EEZ) spanning approximately 600,000 square kilometres. The region is particularly known for its high-value tuna species, with an estimated potential of 60,000 metric tons, most of which remains untapped. Only around 4,420 metric tons are harvested annually, presenting a significant growth opportunity for the fisheries sector.



Source: <https://pmmsy.dof.gov.in/>

Situated strategically near Southeast Asia, the islands offer efficient sea and air trade routes, making them an ideal hub for fisheries development. To capitalize on this potential, the government announced the establishment of a Tuna Cluster under the Pradhan Mantri Matsya Sampada Yojana (PMMSY). The cluster aims to enhance infrastructure, foster investor collaborations, and boost training and capacity-building initiatives, thereby improving competitiveness in the global market.

KEY FOCUS AREAS FOR INVESTMENT IN FISHERIES AND AQUACULTURE

INFRASTRUCTURE DEVELOPMENT

- Cold storage units
- Processing facilities
- Logistics and transportation

SUSTAINABLE AQUACULTURE

- High-value fish farming
- Shrimp aquaculture
- Seaweed cultivation

MARKET EXPANSION

- Export potential
- Value-added seafood products
- Branding and marketing strategies

GOVERNMENT SUPPORT

- Financial incentives
- Streamlined approvals
- Training programs for local communities

The event emphasized the government's commitment to transforming the fisheries sector through initiatives such as the Fisheries and Aquaculture Infrastructure Development Fund (FIDF), the Blue Revolution, and PMMSY. These programs have collectively attracted investments worth Rs 38,572 crore since 2015. The focus remains on deep-sea fishing, developing post-harvest processing facilities, and achieving an ambitious seafood export target of Rs 1 lakh crore.



Source: https://www.business-standard.com/companies/news/airasia-begins-port-blair-to-kuala-lumpur-flight-service-from-today-124111600209_1.html

To address logistical challenges, a direct flight linking the Andaman & Nicobar Islands with Southeast Asia was announced to enhance trade connectivity and seafood export efficiency. Establishing export facilitation offices in Port Blair further underscores efforts to streamline operations. Thus, the Investors Meet 2024 highlighted the region's potential to drive sustainable growth, create employment opportunities, and contribute significantly to India's blue economy by opening new investment avenues.

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THE 21ST LIVESTOCK CENSUS OPERATION HAS BEEN LAUNCHED TO ACHIEVE IMPROVED DATA FOR THEIR SUSTAINABLE DEVELOPMENT

On October 25, 2024, India's Ministry of Fisheries, Animal Husbandry, and Dairying initiated the 21st Livestock Census, a nationwide effort to collect detailed data on the country's domesticated animals and poultry. **This quinquennial census, conducted since 1919, is fundamental for policy formulation and the implementation of various programs within the animal husbandry sector. The current census, scheduled from October 2024 to February 2025, introduces several technological advancements to enhance data accuracy and efficiency.**



Source: <https://pib.gov.in/PressReleasePage.aspx?PRID=2068177>

Enumerators will utilize mobile applications for real-time data collection, supported by a web-based dashboard for monitoring progress. This digital approach ensures comprehensive coverage across all villages and urban wards, including remote areas, offering better inclusivity for data representation. **A significant innovation in this census is the independent data collection on livestock holdings by pastoralists and nomadic communities,** providing insights into these traditionally under represented groups. Additionally, **the census will document the gender of individuals primarily involved in livestock rearing, highlighting women's contributions to the sector,** which are often overlooked.

AIM OF THE CENSUS

Enumerate 15 livestock species—cattle, buffalo, mithun, yak, sheep, goat, pig, camel, horse, ponies, mule, donkey, dog, rabbit, and elephant—as well as various poultry birds, including fowl, duck, turkey, geese, quail, guinea fowl, ostrich, and emu.

Capture data on 219 indigenous breeds recognized by the ICAR-National Bureau of Animal Genetic Resources (NBAGR).

It will focus on critical areas such as Gender Roles in Livestock Rearing, breed management, animal health and productivity.

The census is expected to shape policies for sustainable growth in the livestock sector, addressing issues such as disease control, breed improvement, and rural livelihoods. The data collected will inform strategies to enhance animal health and productivity, contributing to food security and economic development.

Additionally, **the government has also launched a \$25 million Pandemic Fund Project to strengthen animal health security which will be funded by the G20 Fund.** This initiative aims to enhance India's capacity to prevent, detect, and respond to animal health threats, thereby safeguarding both animal and human health, with long-term benefits for global health systems.



Source: https://www.business-standard.com/industry/agriculture/govt-launches-21st-livestock-census-25-mn-fund-for-animal-health-security-124102501401_1.html



Source: <https://pib.gov.in/PressReleasePage.aspx?PRID=2068177>

The 21st Livestock Census represents a significant step toward modernizing data collection in India's livestock sector. By leveraging digital tools and focussing on previously underrepresented groups, the government aims to develop informed policies that promote sustainable development and resilience in the sector.





EMINENT INSIGHT



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India is the world's second-largest fish-producing nation and contributes 7.56% of the global fish production. The country's fisheries sector is a source of livelihood to over 50 million people. Further, the sector has grown at the rate of 7% in recent years. Fisheries as a sector has the ability to create livelihood opportunities for millions of people, and hence has a significant role to play in the socioeconomic development of the nation. Given India's vast fisheries resources, the blue economy can help us achieve our national goals for socioeconomic growth and also lead the way for much-needed change globally.

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Ms Devleena Bhattacharjee
Chairman
FICCI FishTech Subcommittee

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