

ODISHA's Agricultural Export Footprint

Authors: Abul Kamar, Arabinda Kumar Padhee, Mamata Pradhan, and Devesh Roy

Odisha's agricultural exports are rising steadily, yet they remain highly concentrated in a few products and districts. Shrimp continues to dominate, while cotton and rice are gradually emerging as important contributors. Notably, the share of agriculture in Odisha's total merchandise exports has nearly doubled from **4% in 2021-22 to 7% in 2024-25**,

signaling its growing importance within the state's export basket, even though non-agricultural sectors still account for the majority. To achieve inclusive agricultural transformation, Odisha must diversify its export basket and expand participation across more districts.

Why it Matters for Inclusive Agricultural Transformation (IAT)?

A growing share of agricultural exports, including food and non-food commodities, tends to reflect deeper integration of local agricultural production with global markets and is widely recognized as a meaningful proxy for agricultural transformation (Imai et al., 2019). For Odisha, agricultural export composition (mix of commodities) and spread (pattern across districts) reveal more insight than export performance alone. *Specifically:*



INCLUSIVENESS

Export growth is concentrated in a few districts, leaving much of Odisha out of global value chains.



DIVERSIFICATION

Overdependence on shrimp creates risk exposure, expanding into high value products like fruits, spices, and processed food can build resilience.



RESILIENCE

Current reliance on three commodities (shrimp, cotton, and rice) makes Odisha vulnerable to climate shocks, market volatility, and trade policy shifts (e.g., global tariff changes).

→ Therefore, tracking Odisha's agricultural export footprint provides one of the clear and practical ways to measure progress toward IAT.

KEY INSIGHTS

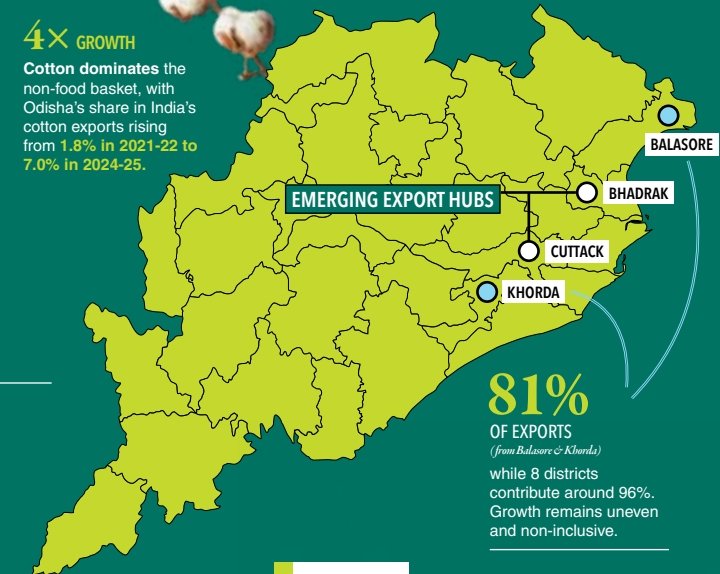


RICE (Parboiled)
3RD LARGEST EXPORTED FOOD COMMODITY

Odisha's share in India's exports has nearly doubled from **0.5% in 2021-22 to 0.9% in 2024-25**.

4X GROWTH

Cotton dominates the non-food basket, with Odisha's share in India's cotton exports rising from **1.8% in 2021-22 to 7.0% in 2024-25**.



81%

OF EXPORTS
(from Balasore & Khorda)
while 8 districts contribute around 96%. Growth remains uneven and non-inclusive.

Agriculture's share in total merchandise exports nearly doubled

4%
in 2021-22

7%
in 2024-25



Odisha contributes nearly **11%** of India's global shrimp exports and **7%** of its cotton exports.

POLICY INSIGHTS



BROADEN EXPORT BASKET

Encourage high-value fruits (e.g. dragon fruits), spices (e.g., turmeric), processed foods (e.g., coffee and millet-based products), and specialty rice (e.g., zinc rice).



GEOGRAPHIC SPREAD

Expand the geographic spread of agri-food exports by addressing constraints in lagging districts and leveraging the District as Export Hub and One District One Product (ODOP) schemes for inclusive transformation.



BUILD RISK AND RESILIENCE

Establish state or district-level export facilitation cells to monitor global market signals, provide early warnings on export risks, and support exporters with timely guidance to minimize disruptions.



LEVERAGE INDIA'S FTAS AND PLI SCHEME

Leverage India's Free Trade Agreements (FTAs) and Production Linked Incentive (PLI) scheme to boost Odisha's value-added agri-food exports beyond raw commodities.

81%

Vannamei shrimp alone contributes nearly **81%** of the state's agricultural export basket, making Odisha one of India's leading seafood exporters.

KEY TAKEAWAY

Odisha is firmly on the global export map, with agriculture's share in the state's merchandise exports nearly doubled during 2021-22 to 2024-25. This growing importance, however, is built on a thin and uneven export footprint, heavily concentrated in shrimp, cotton, and rice and in only a handful of districts. For an inclusive agricultural transformation, Odisha must diversify its export basket, expand participation across more districts and build resilience into export-oriented value chains. ■

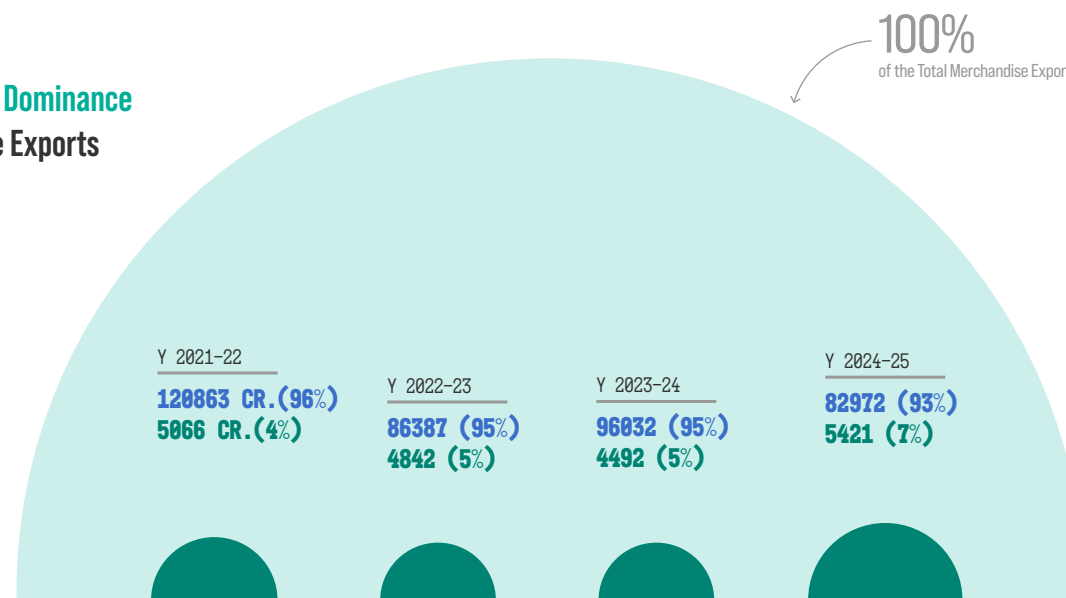


DATASET

FIGURE 1
Odisha's
Agricultural Exports Dominance
in Total Merchandise Exports

Currency - INR (in Crores)

- Total Exports
- Agricultural Exports

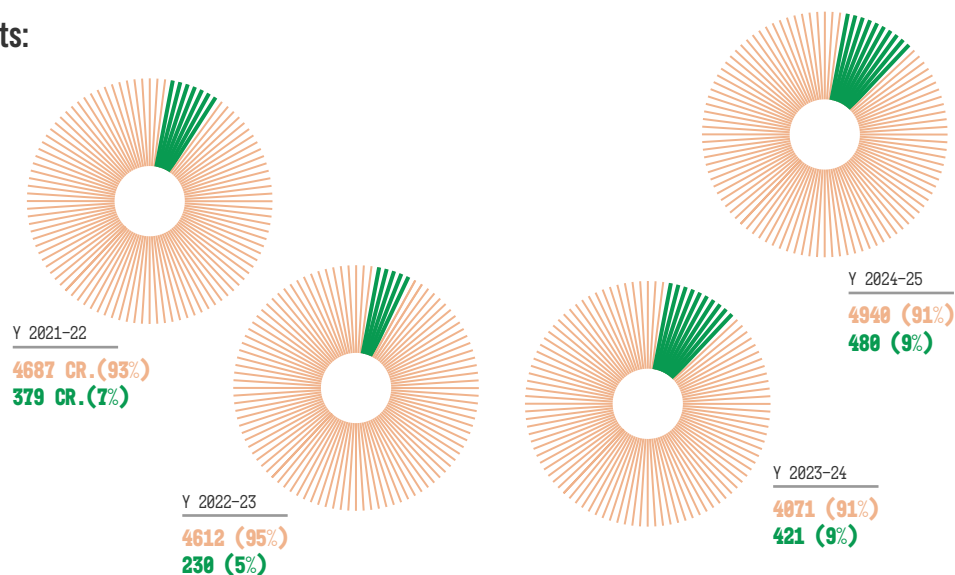


Source: Department of Commerce, Ministry of Commerce and Industry, Govt. of India

FIGURE 2
Odisha's Agricultural Exports:
Food and Non-Food
Commodities

Currency - INR (in Crores)

- Food Exports
- Non-Food Exports



Source: Department of Commerce, Ministry of Commerce and Industry, Govt. of India

TABLE 1

Odisha's Dominance in India's Agricultural Exports

UNIT - INR (CRORE)

Particulars	2021 - 2022	2022 - 2023	2023 - 2024	2024 - 2025
Shrimp				
India	43363	43727	40026	43441
Odisha	4294	4346	3815	4556
Odisha's Share	9.9%	9.9%	9.5%	10.5%
Cotton				
India	20828	6117	9248	6855
Odisha	377	228	419	476
Odisha's Share	1.8%	3.7%	4.5%	7.0%
Rice (Parboiled)				
India	20598	24119	27092	36869
Odisha	109	90	136	327
Odisha's Share	0.5%	0.4%	0.5%	0.9%
Total Agriculture (Food+Non-Food)				
India	376987	429511	418548	455741
Odisha	5066	4842	4492	5421
Odisha's Share	1.3%	1.1%	1.1%	1.2%



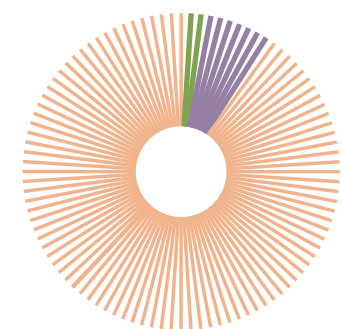
Source: Department of Commerce, Ministry of Commerce and Industry, Govt. of India

FIGURE 3

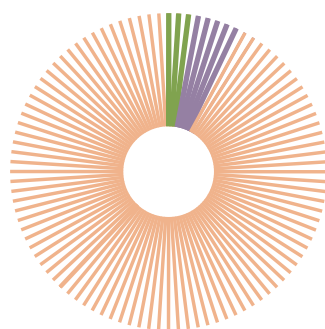
Odisha's Agricultural Exports: Commodity Footprint

Currency - INR (in Crores)

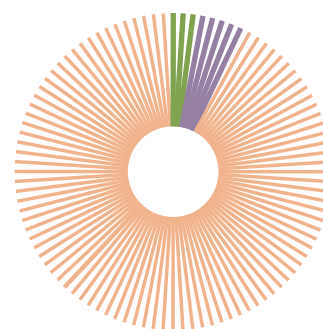
- Shrimp
- Cotton
- Rice



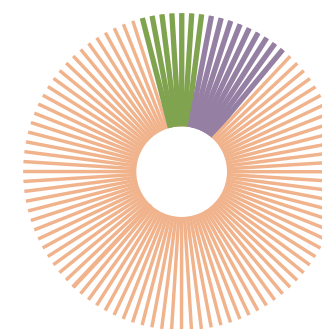
Y 2021-22
4294 CR. (85%)
377 CR. (7%)
124 CR. (2%)



Y 2022-23
4346 (90%)
228 (5%)
125 (3%)



Y 2023-24
3815 (85%)
419 (9%)
165 (4%)

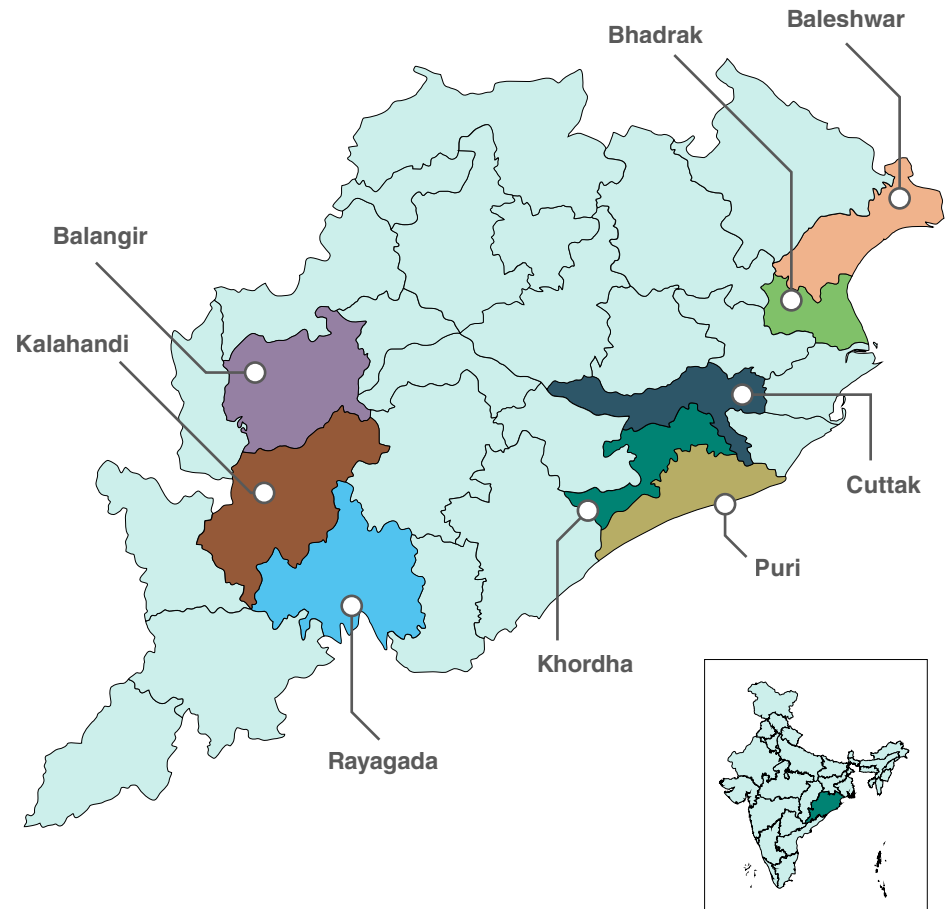
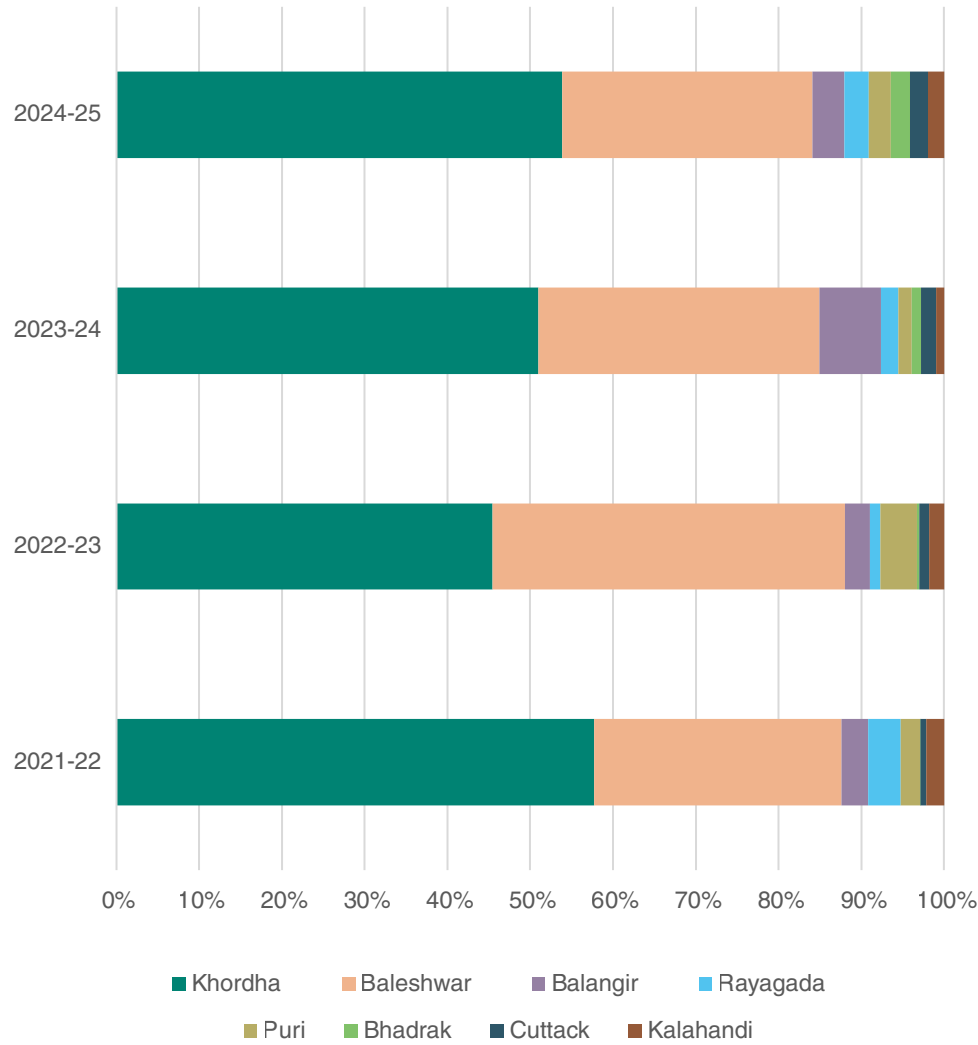


Y 2024-25
4556 (84%)
476 (9%)
370 (7%)

Source: Department of Commerce, Ministry of Commerce and Industry, Govt. of India

FIGURE 4

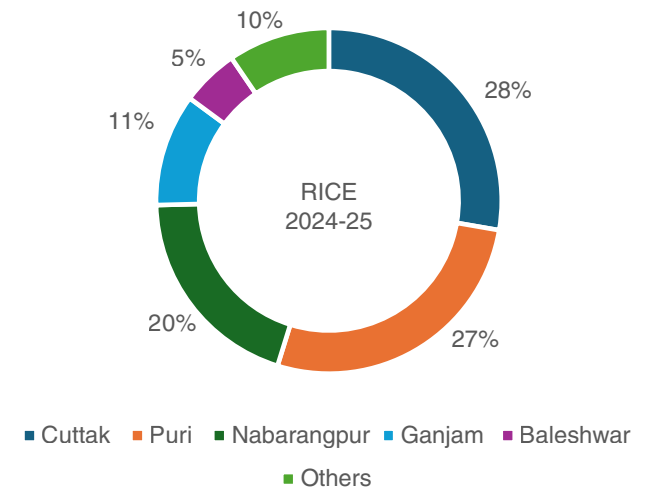
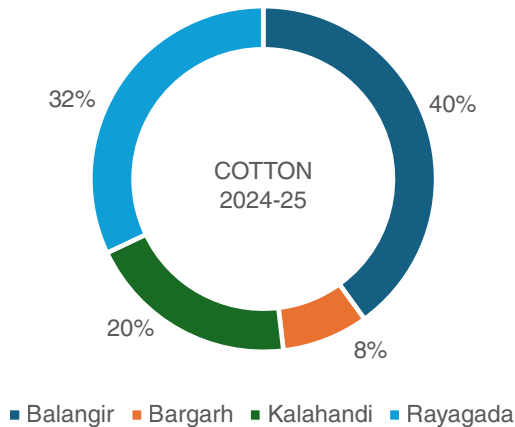
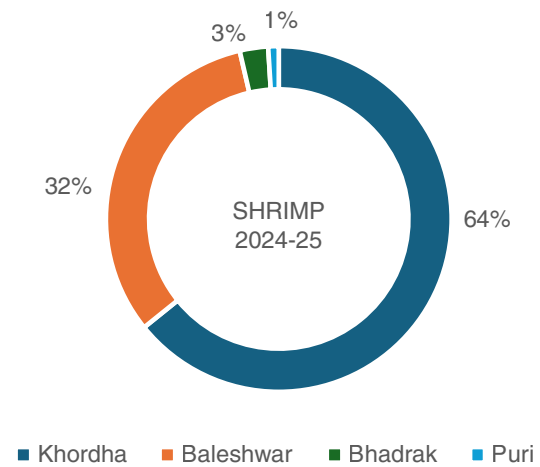
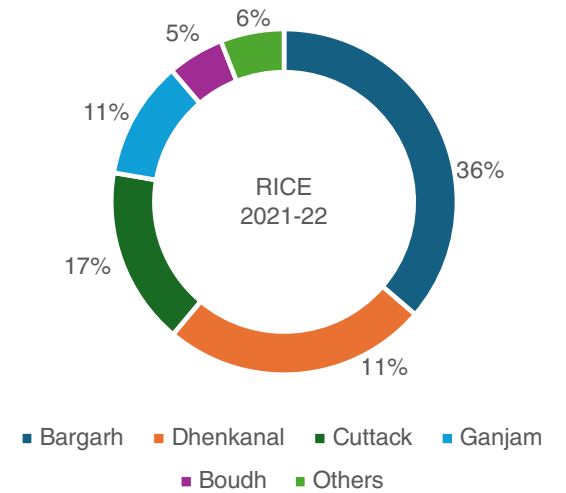
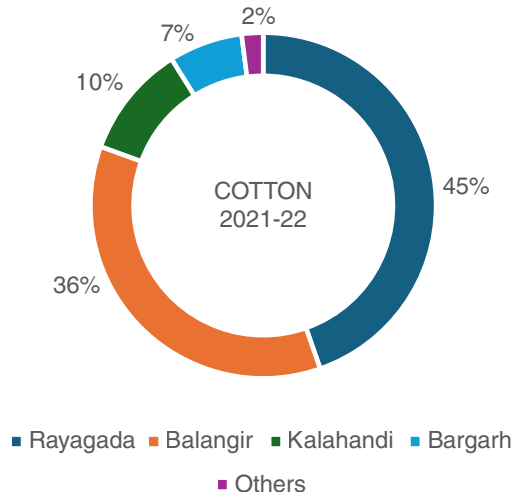
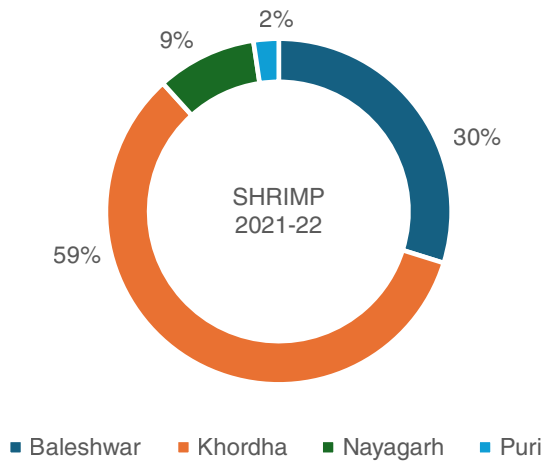
Odisha's Agricultural Exports: District-wise Contribution



Source: Department of Commerce, Ministry of Commerce and Industry, Govt. of India

FIGURE 5

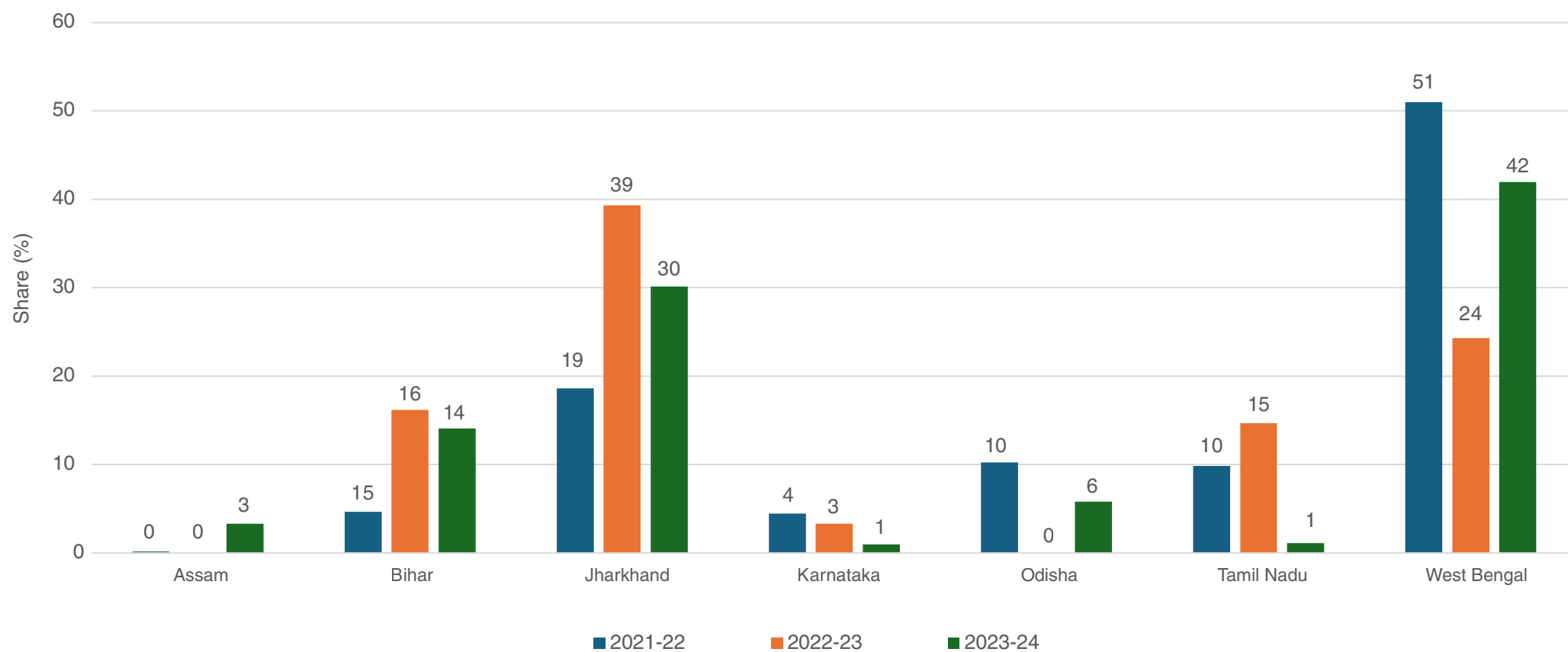
District-wise Contribution to Shrimp, Cotton, and Rice Exports



Source: Department of Commerce, Ministry of Commerce and Industry, Govt. of India

FIGURE 6

Odisha's Domestic Export of Rice: State-wise Contribution



Source: The Directorate General of Commercial Intelligence and Statistics (DGCI&S), Ministry of Commerce and Industry, Govt. of India

About the Authors

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