



सत्यमेव जयते



वाणिज्यिक जानकारी एवं सांख्यिकी महानिदेशालय
Directorate General of Commercial Intelligence & Statistics



रेल, नदी और वायु द्वारा माल का अंतर्राज्यीय परिसंचलन/प्रवाह'
**INTER/INTRA - STATE
MOVEMENTS/FLOWS OF GOODS BY
RAIL, RIVER, AND AIR**

वाणिज्यिक जानकारी एवं सांख्यिकी महानिदेशालय
वाणिज्य विभाग
वाणिज्य एवं उद्योग मंत्रालय
भारत सरकार
565, आनंदपुर, वार्ड नं. 108, प्लॉट नं.- 22
कोलकाता-700107

Directorate General of Commercial Intelligence and Statistics
Department of Commerce
Ministry of Commerce & Industry
Govt of India
565, Anandapur, Word No. 108, Plot - 22, Kolkata - 700107



2024-25

प्राक्कथन

एक सुदृढ़ और मजबूत सांख्यिकीय ढांचा ज्ञान-आधारित अर्थव्यवस्था की नींव बनाता है। इस उद्देश्य की पूर्ति के लिए, वाणिज्यिक जानकारी एवं सांख्यिकी महानिदेशालय (डीजीसीआईएस) प्रतिवर्ष अंतर्देशीय व्यापार सांख्यिकी पर विभिन्न रिपोर्टें प्रकाशित करता रहा है। अंतर्राष्ट्रीय वस्तु व्यापार सांख्यिकी के अतिरिक्त, "रेल, नदी और वायु मार्ग से अंतर/अंतःराज्यीय वस्तुओं की परिसंचलन/प्रवाह" शीर्षक से प्रकाशित रिपोर्ट आंतरिक व्यापार के क्षेत्र में ज्ञान की खाई को पाटने का एक महत्वपूर्ण प्रयास है।

यह विशिष्ट प्रकाशन देश के एक भाग से दूसरे भाग तक वस्तुओं की परिसंचलन को दर्शाता है और आज भी उतना ही प्रासंगिक है जितना पहले था। समर्पित मालवाहक गलियारा (Dedicated Freight Corridor), सागरमाला परियोजना और जल मार्ग विकास परियोजना जैसी प्रमुख अवसंरचना परियोजनाओं के पूर्ण होने के साथ, भारत में आंतरिक व्यापार कई गुना बढ़ा है। यह प्रकाशन रेल, नदी और वायु परिसंचलन के माध्यम से आंतरिक व्यापार की जटिल और विकसित होती गतिशीलता को समझने का प्रयास करता है, और इसका उद्देश्य नीति निर्माताओं, शोधकर्ताओं और इस क्षेत्र में लगे अन्य हितधारकों के लिए एक आवश्यक संदर्भ के रूप में कार्य करना है।

हमें पूर्ण आशा है कि इस प्रकाशन को वर्ष दर वर्ष बेहतर बनाने के लिए किए जा रहे निरंतर प्रयास इसके पाठकों के लिए अत्यंत लाभकारी सिद्ध होंगे। आगामी अंकों को और बेहतर बनाने के लिए आपके सुझावों और टिप्पणियों का हार्दिक स्वागत है।

डॉ. के. मनाओ सिंह
महानिदेशक, डीजीसीआईएस

वाणिज्यिक जानकारी एवं सांख्यिकी महानिदेशालय
वाणिज्य एवं उद्योग मंत्रालय
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फ़रवरी, 2026

Preface

A strong and robust statistical framework forms the foundation of a knowledge-based economy. In furtherance of this objective, the Directorate General of Commercial Intelligence and Statistics (DGCIS) has been publishing various reports on inland trade statistics on an annual basis. Apart from the International Merchandise Trade Statistics, the publication "Inter/Intra- State Movements/Flows of Goods by Rail, River and Air" is one such important report that seeks to bridge the knowledge gap in the area of internal trade.

This unique publication captures the movement of goods from one part of the country to another and has remained as relevant today as it was in the past. With the completion of major infrastructure projects such as the Dedicated Freight Corridor, the Sagarmala Project, and the Jal Marg Vikas Project, internal trade in India has increased multi-fold. This publication endeavours to capture the complex and evolving dynamics of internal trade through rail, river, and air transport, and aims to serve as an essential reference for policymakers, researchers, and other stakeholders engaged in this domain.

It is sincerely hoped that the sustained efforts made to improve this publication year after year will prove immensely beneficial to its users. Comments and suggestions for further improvement of forthcoming issues are most welcome.

Dr. K. MANAO SINGH
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Directorate General of Commercial
Intelligence and Statistics
Ministry of Commerce and Industry
Government of India
565, Anandapur
Kolkata-700 107
February, 2026

शब्द-संक्षेप	
डीजीसीआईएस	वाणिज्यिक जानकारी एवं सांख्यिकी महानिदेशालय
डीओसी	वाणिज्य विभाग
एमओसीआई	वाणिज्य एवं उद्योग मंत्रालय
सीआरआईएस	रेलवे सूचना प्रणाली केंद्र
आईडब्ल्यूआई	भारतीय अंतर्देशीय जलमार्ग प्राधिकरण
डीजीएफटी	विदेश व्यापार महानिदेशालय
एफओआईएस	फ्रेट प्रचालन सूचना प्रणाली
जीएसटी	वस्तु एवं सेवा कर
आईएमटीएस	अंतर्राष्ट्रीय सौदागरी व्यापार सांख्यिकी
आईटीसीएचएस	भारतीय व्यापार वर्गीकरण सुसंगत प्रणाली

ABBREVIATION	
DGCIS	Directorate General of Commercial Intelligence and Statistics
DoC	Department of Commerce
MoCI	Ministry of Commerce & Industry
CRIS	Centre for Railway Information System
IWAI	Inland Waterways Authority of India
DGFT	Directorate General of Foreign Trade
FOIS	Freight Operations Information System
GST	Goods and Services Tax
IMTS	International Merchandise Trade Statistics
ITCHS	Indian Trade of Classification Harmonised System

1	भा.व्या.वर्गी.सुसं.प्र.(आईटीसीएचएस)	आईटीसी से तात्पर्य है इण्डियन ट्रेड क्लासिफिकेशन (भारतीय व्यापार वर्गीकरण)। आईटीसी-एचएस कोड में 6-अंकीय सुसंगत कोड सहित 2 अतिरिक्त अंक होते हैं। इसके परिणामतः एक 8-अंकीय कोड बनता है जो उत्पाद के बारे में विस्तृत जानकारी प्रदान करता है।
2	2- अंकीय आईटीसीएचएस	प्रथम दो अंक (सुसं-2) उस अध्याय का बोध कराते हैं जिसमें उन वस्तुओं को वर्गीकृत किया गया है।
3	99 आईटीसीएचएस अध्याय संशोधन 2024	आईटीसी-एचएस कोड 2024 का अद्यतन संस्करण(प्रविष्टि/विलोपन/संशोधन)
4	प्रमुख पण्य	प्रमुख पण्य से तात्पर्य उस वस्तु से है जिसे समान प्रकार की अन्य 8-अंकीय वस्तुओं के साथ समूहीकृत किया गया है और व्यापार सांख्यिकी के प्रकाशन में इसका प्रयोग किया जाता है।
5	ई-वाणिज्य	ई-वाणिज्य अथवा इलेक्ट्रॉनिक वाणिज्य से तात्पर्य इंटरनेट पर वस्तुओं तथा सेवाओं के व्यापार से है (यथा, इलेक्ट्रॉनिक रूप में उत्पादों अथवा ऑनलाईन सेवाओं का क्रय-विक्रय)।
6	अंतःगामी/राज्य को/ को निर्यातित	किसी विशिष्ट राज्य को वस्तुओं का परिवहन
7	बहिर्गामी/राज्य से/ से निर्यातित	किसी विशिष्ट राज्य से वस्तुओं का परिवहन
8	आंतरिक	किसी विशिष्ट राज्य के भीतर वस्तुओं का परिसंचलन

1	ITCHS	ITC stands for Indian Trade Classification. The ITC-HS codes contain 6-digit HS codes (in use Internationally), plus 2 additional digits (National). The resulting Codes at 8-digit level give more detailed information about the products.
2	2-digit ITCHS	The first two digits (HS-2) identify the chapter wherein the goods are classified.
3	99 Chapter of ITCHS Revision 2024	Updated version of ITC-HS codes 2024(Insertion/Deletion/Modification)
4	Principal Commodity	Principal Commodity Groups include 8-digit commodities with homogenous nature and is used in publications of the Trade Statistics.
5	e-Commerce	Ecommerce or electronic commerce is the trading of goods and services (i.e. electronically buying or selling of products on online services) on the internet.
6	Inward/To State/Exported To	Transport of goods to a particular State
7	Outward/From State/ Exported From	Transport of Goods from a particular State
8	Internal	Movements of Goods within a particular State

क्रम संख्या	नाम	पदनाम
1	श्रीमती एन. संगीता	उप महानिदेशक
2	श्री शुभजीत रॉय	निदेशक
3	श्री बिप्लव सरकार	उप निदेशक
4	श्री अमिय सरदार	सांख्यिकीय अधिकारी
5	श्री समीरेंदु भट्टाचार्य	वरिष्ठ अन्वेषक
6	श्री देवाशीष हालदार	वरिष्ठ अन्वेषक
7	श्री शोभन सरकार	आंकड़ा प्रक्रमण सहायक

Serial No	Name	Designation
1	Smt. N. Sangeetha	Deputy Director General
2	Shri Subhajit Roy	Director
3	Shri Biplab Sarkar	Deputy Director
4	Shri Amiya Sardar	Statistical Officer
5	Shri Samirendu Bhattacharyya	Senior Investigator
6	Shri Debasis Haldar	Senior Investigator
7	Shri Sovon Sarkar	Data Processing Assistant

विषय-वस्तु सारणी

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अध्याय I

1.1 परिचय

भारत के विभिन्न राज्यों के बीच माल के अंतर/अंतः-राज्य परिसंचलन/प्रवाह को आमतौर पर अंतर्देशीय व्यापार के रूप में जाना जाता है, जिसमें विभिन्न तरीकों से माल का परिसंचलन शामिल होता है, जैसे (क) समुद्रीमार्ग (ख) वायुमार्ग (ग) रेलमार्ग (घ) नदीमार्ग और (ङ) सड़कमार्ग। वा.जा.सां.म.नि., कोलकाता द्वारा प्रकाशित इस रिपोर्ट में रेलमार्ग, नदी-मार्ग और वायु-मार्ग द्वारा माल के अंतर्देशीय व्यापार को शामिल किया गया है, जबकि समुद्रीमार्ग से होने वाले व्यापार को "अंतर्देशीय तटीय व्यापार के आंकड़े - भारत के पारेषण" में शामिल किया गया है। वा.जा.सां.म.नि. द्वारा ई-वे बिल प्रणाली पर रिपोर्ट को, जो प्रमुख रूप से सड़कमार्ग के माध्यम से माल के परिसंचलन को सम्मिलित करती है, "ई-वे बिल के अनुसार भारत का आंतरिक परिसंचलन/माल का प्रवाह" नामक एक अलग प्रकाशन में प्रस्तुत किया गया है।

"रेल, नदी और वायु मार्ग से माल का अंतर/अंतःराज्यीय परिसंचलन/प्रवाह" नामक रिपोर्ट, रेलवे बोर्ड, भारतीय अंतर्देशीय जलमार्ग प्राधिकरण (आईडब्ल्यूएआई), सिंचाई एवं प्रशासन विभाग, तिरुवनंतपुरम, केरल सरकार और विभिन्न मालवाहक एयरलाइनों से प्राप्त आंकड़ों के संकलन पर आधारित है, जिसमें देश के भीतर रेल, नदी और वायु मार्ग से होने वाले अंतर्देशीय व्यापार के उनके संबंधित साधनों का विवरण दिया गया है।

1.1 Introduction

The Inter/Intra-State Movements/Flows of Goods among the States of India is commonly known as Inland Trade, which involves movement of goods by different modes namely, (a) Sea, (b) Air, (c) Rail, (d) River, and (e) Road. This report published by DGCI&S, Kolkata - involves inland trade of goods by Railways, River-ways and Air-ways while that by sea is covered in "Statistics of the Inland Coasting Trade – Consignments of India". Report by DGCI&S on e-way bill system which majorly covers movement of goods through Roadways is dealt in a separate publication called "India's Internal Movements/Flows of Goods as per E-way Bills".

The report "Inter/Intra-State Movements/Flows of Goods by Rail, River and Air" is based on compilation of data received from Centre for Railway Information System (CRIS) in collaboration with Railway Board, Inland Waterways Authority of India (IWAI), Irrigation & Administration Department, Thiruvananthapuram, Govt of Kerala and various Cargo Airlines on their respective modes of inland trade viz. rail, river and air borne trade within the country.

1.2 प्रकाशन का क्षेत्र

इस खंड में प्रकाशित आंकड़े (i) विभिन्न राज्यों और केंद्र शासित प्रदेशों के बीच रेल और नदी मार्ग से अंतर्देशीय परिसंचलन द्वारा परिसंचलित प्रमुख वस्तु समूहों (8-अंकीय भा.व्या.वर्गी.सु.प्र. कोड को 169 समरूप प्रमुख वस्तु समूहों में पुनर्समूहित किया गया है) के प्रमात्र संबंधी आंकड़े और (ii) देश के भीतर एक विमान पत्तन से दूसरे विमान पत्तन और राज्यों तथा केंद्र शासित प्रदेशों के बीच वायु मार्ग से ले जाए जा रहे माल (सकल भार सहित) से संबंधित हैं। इस संस्करण में भारत के भीतर अंतःराज्यीय माल परिसंचलन और भारत के प्रादेशिक जलक्षेत्र में होने वाले परिसंचलन की जानकारी भी शामिल है।

1.2 Scope of the Publication

The data published in this volume relates to (i) Quantity figures of Principal Commodity Groups (8-digit level ITCHS codes have been regrouped into 169 homogeneous Principal Commodity Groups) moving by inland through rail and river among different States and Union Territories and (ii) Cargo in gross - weight moving by air from one airport to another airport and also to States and Union Territories within the country. This edition also contains the Intra-State movement of goods within India as well as movements in the territorial waters of India.

1.3 सांख्यिकी के स्रोत

इस प्रकाशन में सांख्यिकीय विश्लेषण के लिए आधारभूत दस्तावेज भारत के प्रत्येक रेलवे स्टेशन से भेजे गए माल की पारेषणों से संबंधित चालान हैं। माल भेजते समय, सीआरआईएस द्वारा अपनी फ्रेट ऑपरेशंस इंफॉर्मेशन सिस्टम नामक प्रणाली के माध्यम से आंकड़े प्राप्त किये जाते हैं और अखिल भारतीय स्तर पर समेकित किये जाते हैं, जिन्हें बाद में वा.जा.सां.म.नि. के साथ साझा किया जाता है।

जलमार्गों के माध्यम से माल के परिसंचलन के मामले में, भारतीय अंतर्देशीय जलमार्ग प्राधिकरण (आईडब्ल्यूआई) को राष्ट्रीय जलमार्गों से माल ले जाने वाली विभिन्न एजेंसियों द्वारा दाखिल किए गए विवरणों से आंकड़े एकत्र किए जाते हैं। ध्यातव्य है कि पश्चिम बंगाल के डायमंड हार्बर, सागर जैसे खुले समुद्र में अस्थायी घाटों/लंगरस्थलों से निकटतम बंदरगाहों तक माल का महत्वपूर्ण परिसंचलन होता है। इन परिसंचलनों को आईडब्ल्यूआई द्वारा दर्ज किया जाता है और वा.जा.सां.म.नि. के साथ साझा किया जाता है, और चूंकि ये परिसंचलन भारत के प्रादेशिक जल क्षेत्र के भीतर होता है अतः इस प्रकाशन में शामिल किया गया है।

वायु कार्गो के मामले में, स्रोत घरेलू एयरलाइंस (1. एयर इंडिया, 2. एलायंस एयर एविएशन लिमिटेड, 3. एयर इंडिया एक्सप्रेस, 4. ब्लू डार्ट एविएशन लिमिटेड, 5. स्पाइसजेट लिमिटेड, 6. क्विकजेट कार्गो एयरलाइंस प्राइवेट लिमिटेड, 7. एसएनवी एविएशन प्राइवेट लिमिटेड (अकासा एयर), और 8. इंडिगो) हैं, जो पारेषक या पारेषी से वायुमार्ग बिल संग्रहित करते हैं और वायुपतन वार कार्गो परिसंचलन का संकलन करते हैं।

1.3 Sources of the Statistics

The basic documents for the statistical analysis in this publication are the invoices relating to consignments of commodities dispatched from each railway station in India. While dispatching the goods, the data is captured by CRIS through their system called Freight Operations Information System (FOIS) and is consolidated at an all-India level which is then shared with DGCI&S.

In case of movement of goods through Waterways, data is collected from the returns filed by various agencies carrying consignments through the National Waterways with the Inland Waterways Authority of India (IWAI). It may be noted that there is significant movement of cargo from temporary jetties/anchorage in high seas, such as Diamond Harbour, Sagar in West Bengal to the nearest ports. These movements are captured by the IWAI and shared with DGCI&S and is included in this publication, as these movements are within the territorial waters of India.

In case of air cargo, the sources are domestic Airlines (1. Air India, 2. Alliance Air Aviation Ltd., 3. Air India Express, 4. Blue Dart Aviation Ltd., 5. Spice Jet Ltd., 6. Quik jet Cargo Airlines Pvt. Ltd, 7. SNV Aviation Pvt. Ltd. (Akasa Air), and 8. Indigo), who collect airway bills from consignor or consignee and compile airport -wise cargo movements.

1.4 मात्राएँ और मूल्यवर्ग

इन विवरणों में दिए गए आंकड़े केवल मात्रा से संबंधित हैं, क्योंकि रेल, नदी और वायु मार्ग के बिलों में मूल्य संबंधी आंकड़े उपलब्ध नहीं होते हैं। प्रमात्राओं को रेल, नदी और वायु मार्ग के बिलों में यथा दर्ज सकल वजन के रूप में व्यक्त किया गया है। इस प्रकाशन में मीट्रिक प्रणाली को अपनाया गया है। रेल, नदी और वायु मार्ग के मामले में रिपोर्ट की गई वजन की इकाई 'टन' में है।

1.4 Quantities & Denomination

The figures in these accounts relate only to quantity, as value figures are not available in railway, river-way and airway invoices. The quantities are expressed as gross weight, as recorded in the railway, river-way and airway invoices. The metric system is adopted in this publication. The reported unit of weight is in 'Ton' in case of Rail, River and Air.

1.5 व्यापित वस्तुएं

रिपोर्ट के उद्देश्यार्थ सभी 8-अंकीय भा.व्या.वर्गी.सु.प्र. कोडों को समरूप प्रमुख वस्तु समूहों में पुनर्समूहित किया गया है।

ये वस्तुएँ भारत के भीतर रेल और नदी मार्गों द्वारा पारेषित किये जाने वाले माल का प्रमुख हिस्सा हैं और सामान्यतः अंतर्देशीय व्यापार की महत्वपूर्ण वस्तुएँ हैं। रेल द्वारा माल के परिसंचन को अंतर्राष्ट्रीय व्यापार वर्गीकरण (सुसंगत प्रणाली) संशोधित संस्करण 2024 के अध्यायों के अनुसार भी वर्गीकृत किया गया है। वायु मार्ग के मामले में, पण्य-वार विवरण अलग से प्रदर्शित नहीं किया जाता है क्योंकि एयरलाइनें यह जानकारी प्रदान नहीं करती हैं।

1.5 Commodities Covered

All 8-digit ITCHS codes are regrouped into homogeneous Principal Commodity Groups for Reporting purposes.

These commodities represent the major portion of merchandise consignable by railways and river-ways within India and are generally the important commodities of inland trade. The movement of goods by Rail has also been classified according to Chapters of International Trade Classification (Harmonized System) Revised edition 2024. In case of air, commodity-wise break ups are not shown separately as Airlines do not provide the same.

1.6 प्रकाशन का महत्व

माल का अंतर/अंतःराज्यीय परिसंचन एक राज्य से दूसरे राज्य में माल के प्रवेश की जानकारी प्रदान करता है जिससे उस राज्य में उक्त माल के भंडार में वृद्धि का संकेत मिलता है जहां पर माल का परिसंचन होता है, साथ ही साथ, उस राज्य के उक्त माल के भंडार में कमी का भी संकेत मिलता है जहां से परिसंचन होता है।

किसी राज्य में माल के प्रवेश को सामान्यतः अंतःगामी परिसंचन कहा जाता है, जबकि किसी राज्य से माल के बाहर जाने को बहिर्गामी परिसंचन कहा जाता है। राज्य की सीमाओं के भीतर माल का परिसंचन राज्य के आंतरिक परिसंचन के रूप में देखा जाता है, जिससे वस्तुओं के आंतरिक उपयोग पर जानकारी मिलती है।

इस प्रकार, माल के अंतर/अंतःराज्यीय परिसंचनों/प्रवाहों के आंकड़े किसी राज्य में उत्पादित और देश के कोने-कोने में औद्योगिक/विनिर्माण/निर्माण/कृषि हेतु निश्चित उपयोग के लिए अन्य राज्यों में परिसंचन किए जाए जाने वाले ऐसे माल की मांग के स्वरूप को प्रदर्शित करते हैं।

1.6 Importance of the Publication

Inter/Intra-State movement of goods provides information on entry of goods from one state to another state and thus indicates addition to the stock of the said goods of the state to which movement occurs as well as indicates decline in stock of that goods of the State from which movement occurs.

The entry of goods to a State is commonly known as inward movement while exit of goods from a State is known as outward movements. Movements of goods within a state's borders are seen as internal movements within the state, providing information on how the goods are used internally.

Thus, statistics on Inter/Intra-State Movements/Flows of Goods reflects the demand pattern of such goods produced in a State and transported to other States for definite industrial/manufacturing/construction/agricultural use across length and breadth of the country.

तथ्य एवं आंकड़े:-

रेल मार्ग

- ▶ वर्ष 2024-25 के दौरान भारत के भीतर रेल द्वारा कुल 15749.9 लाख टन माल का परिवहन किया गया जिसमें आंतरिक परिसंचलन भी शामिल है। यह 2023-24 के 15431.91 लाख टन की तुलना में 2.06% की सकारात्मक वृद्धि दर्शाता है।
- ▶ वर्ष 2024-25 में रेल द्वारा माल के कुल अंतर्राज्यीय परिसंचलन में 67.39% हिस्सेदारी वाली शीर्ष 3 वस्तुएं 'कोयला, कोक और ब्रिकेट आदि', 'सीमेंट, क्लिंकर और एस्बेस्टस सीमेंट' और 'लौह अयस्क' थीं।
- ▶ वर्ष 2024-25 में रेल द्वारा माल के कुल आंतरिक परिसंचलन में 79.08% हिस्सेदारी वाली शीर्ष 3 वस्तुएं 'कोयला, कोक और ब्रिकेट आदि', 'लौह अयस्क' और 'सीमेंट, क्लिंकर और एस्बेस्टस सीमेंट' थीं।
- ▶ वर्ष 2024-25 में रेल द्वारा अन्य राज्यों को माल का बहिर्गामी परिसंचलन करने वाले भारत के शीर्ष तीन मूल राज्य झारखंड, ओडिशा और छत्तीसगढ़ थे, जिनकी कुल माल के परिसंचलन में क्रमशः 18.57%, 17.81% और 13.25% हिस्सेदारी थी।
- ▶ वर्ष 2024-25 में रेल द्वारा अन्य राज्यों से माल के अंतःगामी परिसंचलन के लिए भारत के शीर्ष तीन गंतव्य राज्य पश्चिम बंगाल, उत्तर प्रदेश और महाराष्ट्र थे, जिनकी कुल अंतःगामी परिसंचलन में क्रमशः 12.18%, 11.42% और 9.12% हिस्सेदारी थी।
- ▶ वर्ष 2024-25 में रेल द्वारा माल के आंतरिक परिसंचलन में शीर्ष तीन राज्य ओडिशा, महाराष्ट्र और छत्तीसगढ़ थे, जिनकी आंतरिक माल परिसंचलन में कुल हिस्सेदारी क्रमशः 30.11%, 11.08% और 10.86% थी।

Facts & Figures

Railways

- During 2024-25, total 15749.9 lakh tonnes of goods were transported by rail within India, including internal movement, which shows a positive growth of 2.06 % over 15431.91 lakh tonnes in 2023-24.
- Top 03 commodities with 67.39% share in total inter-state movement of goods by rail in 2024-25 were 'Coal, Coke and Briquettes etc.', 'Cement, Clinker and Asbestos Cement', and 'Iron Ore'.
- Top 03 commodities with 79.08% share in total internal movement of goods by rail in 2024-25 were 'Coal, Coke and Briquettes etc.', 'Iron Ore', and 'Cement, Clinker and Asbestos Cement.'
- Top 03 origin states of India from which Outward movement of goods to other states by rail took place in 2024-25, were Jharkhand, Odisha and Chhattisgarh with shares of 18.57%, 17.81% and 13.25% of total Outward movement of goods for the year respectively.
- Top 03 destination states of India to which Inward movement of goods from other states by rail took place in 2024-25 were West Bengal, U.P. and Maharashtra with shares of 12.18%, 11.42% and 9.12% of total Inward movement of goods for the year respectively.
- Top 03 states of India within which Internal movement of goods by rail took place in 2024-25 were Odisha, Maharashtra and Chhattisgarh with shares of 30.11%, 11.08% and 10.86% of total Internal movement of goods for the year respectively.

वायुमार्ग

- 2024-25 के दौरान भारत के भीतर वायु मार्ग से कुल 694.13 हजार टन माल का अंतर्राज्यीय (आंतरिक परिसंचलन सहित) परिवहन किया गया, जो 2023-24 में वायु मार्ग से अंतर्राज्यीय (आंतरिक परिसंचलन सहित) परिवहन किए गए 710.68 हजार टन माल की तुलना में 2.33% की कमी है।
- 2024-25 में वायु मार्ग से अन्य राज्यों में वस्तुओं के परिसंचलन में शामिल भारत के शीर्ष तीन (3) मूल राज्य दिल्ली, महाराष्ट्र और कर्नाटक थे, जिनकी वर्ष के दौरान हुए कुल माल के परिसंचलन में हिस्सेदारी क्रमशः 29.38%, 17.90% और 13.47% थी।
- वही तीन (3) राज्य, दिल्ली, महाराष्ट्र और कर्नाटक प्रमुख गंतव्य राज्य थे जिनमें 2024-25 में अन्य राज्यों से वायु मार्ग से माल का अंतःगामी परिसंचलन हुआ, जिनकी उस वर्ष के कुल माल के अंतःगामी परिसंचलन में हिस्सेदारी क्रमशः 21.47%, 17.78% और 12.94% थी।

- ▶ भारत के शीर्ष तीन (3) राज्य जिनमें 2024-25 में वायु मार्ग से माल का आंतरिक परिसंचलन हुआ, वे महाराष्ट्र, कर्नाटक और तमिलनाडु थे, जिनकी उस वर्ष के कुल माल के अंतःगामी परिसंचलन में हिस्सेदारी क्रमशः 49.35%, 18.77% और 16.93% थी।

Airways

- During 2024-25, total 694.13 thousand tonnes of inter-state movement (including internal movement) goods were transported by airways within India, a decrease by 2.33% over 710.68 thousand tonnes of inter-state movement (including internal movement) goods transported by airways in 2023-24.
- Top three (3) origin states of India involved in Outward movement of commodities to other states by airways in 2024-25, were Delhi, Maharashtra and Karnataka with shares of 29.38%, 17.90% and 13.47% of total Outward movement of goods for the year respectively.
- The same three (3) states, Delhi, Maharashtra and Karnataka were major destination states in which Inward movement of goods by airways took place from other states in 2024-25 with shares of 21.47%, 17.78% and 12.94% of total Inward movement of goods for the year respectively.
- Top three (3) states of India within which Internal movement of goods by airways took place in 2024-25 were Maharashtra, Karnataka and Tamil Nadu with shares of 49.35%, 18.77% and 16.93% of total Internal movement of goods for the year respectively.

नदी मार्ग

- ▶ 2024-25 के दौरान, भारत के भीतर नदी मार्गों से कुल 803.76 लाख टन माल का परिवहन किया गया, जिसमें आंतरिक परिसंचलन भी शामिल है, जो 2023-24 में नदी मार्गों से परिवहन किए गए 774.11 लाख टन माल की तुलना में 3.83% की वृद्धि है।
- ▶ वर्ष 2024-25 में नदी-मार्गों द्वारा माल के कुल अंतर्राज्यीय परिसंचलन में 96.66% हिस्सेदारी वाली शीर्ष 5 वस्तुएं 'लौह अयस्क'; 'सीमेंट, क्लिंकर और एस्बेस्टस सीमेंट'; 'कोयला, कोक और ब्रिकेट आदि'; 'लोहा और इस्पात' और 'ग्रेनाइट, प्राकृतिक पत्थर और उत्पाद' थीं।
- ▶ 2024-25 में नदी-मार्गों द्वारा माल के कुल आंतरिक परिसंचलन में 83.91% हिस्सेदारी वाली शीर्ष 5 वस्तुएं 'लौह अयस्क'; 'कोयला, कोक और ब्रिकेट आदि'; 'मोटर वाहन/कार'; 'संसाधित खनिज' और 'सीमेंट, क्लिंकर और एस्बेस्टस सीमेंट' थीं।
- ▶ 2024-25 में नदी-मार्गों के माध्यम से अन्य राज्यों को वस्तुओं के बहिर्गामी परिसंचलन में शामिल भारत के शीर्ष 3 मूल राज्य गुजरात, आंध्र प्रदेश और ओडिशा थे, जिनकी उस वर्ष के लिए कुल बहिर्गामी माल परिसंचलन में हिस्सेदारी क्रमशः 60.22%, 18.19% और 17.15% थी।

- ▶ वर्ष 2024-25 में भारत के शीर्ष 3 गंतव्य राज्य, जहां अन्य राज्यों से नदी मार्गों द्वारा माल का अंतःगामी परिसंचलन हुआ, वे थे महाराष्ट्र, आंध्र प्रदेश और ओडिशा, जिनकी उस वर्ष के कुल माल के अंतःगामी परिसंचलन में हिस्सेदारी क्रमशः 47.28%, 26.21% और 20.25% थी।
- ▶ वर्ष 2024-25 में भारत के शीर्ष तीन राज्य जिनमें नदी-मार्गों द्वारा माल का आंतरिक परिसंचलन हुआ, वे थे महाराष्ट्र, गुजरात और पश्चिम बंगाल, जिनकी कुल आंतरिक माल परिसंचलन में हिस्सेदारी क्रमशः 52.93%, 12.70% और 12% थी।

River-ways

- During 2024-25, total 803.76 lakh tonnes of goods were transported by River-ways within India, including internal movement, which is a rise by 3.83 % over 774.11 lakh tonnes of goods transported by river ways in 2023-24.
- Top 05 commodities with 96.66% share in total inter-state movement of goods by River-ways in 2024-25 were 'Iron ore'; 'Cement, Clinker and Asbestos Cement'; 'Coal, Coke and Briquettes etc'; 'Iron and Steel' and 'Granite, Natural Stone and Product'.
- Top 05 commodities with 83.91% share in total internal movement of goods by River-ways in 2024-25 were 'Iron Ore'; 'Coal, Coke and Briquettes etc'; 'Motor Vehicle/Cars'; 'Processed Minerals' and 'Cement, Clinker and Asbestos Cement'.
- Top 03 origin states of India involved in Outward movement of commodities to other states by River-ways in 2024-25 were Gujarat, Andhra Pradesh and Odisha with shares of 60.22%, 18.19% and 17.15% of total Outward movement of goods for the year respectively.
- Top 03 destination states of India to which Inward movement of goods from other states by River-ways took place in 2024-25 were Maharashtra, Andhra Pradesh and Odisha with shares of 47.28%, 26.21% and 20.25% of total Inward movement of goods for the year respectively.
- Top 03 states of India within which Internal movement of goods by River-ways took place in 2024-25 were Maharashtra, Gujarat and West Bengal with shares of 52.93%, 12.70% and 12% total Internal movement of goods for the year respectively.

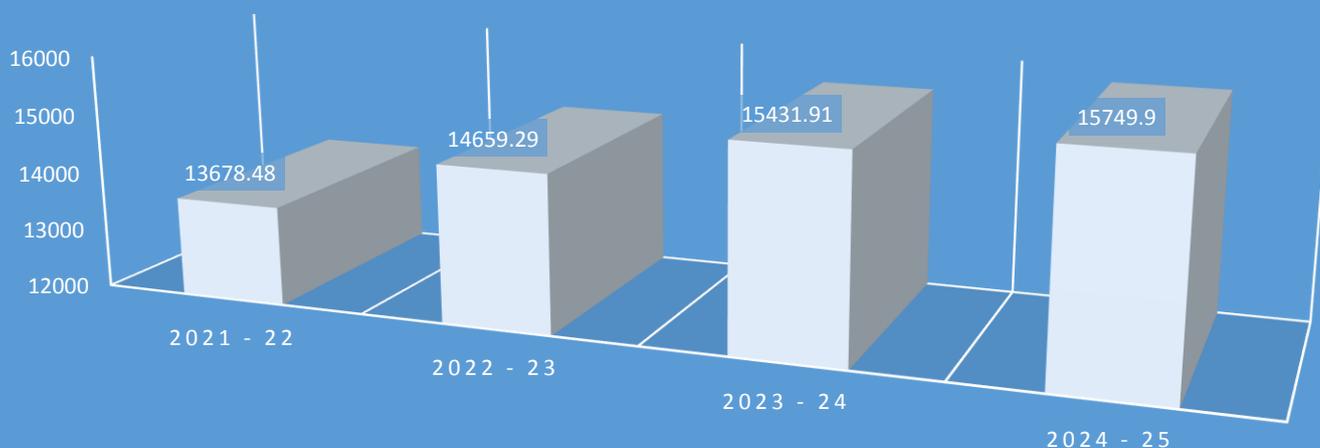


Chapter II

2.1 INTER/INTRA-STATE MOVEMENTS/FLOWS OF GOODS BY RAILWAYS

Railways is one of the important modes of Inter/Intra-State movement of goods in India. Indian Railways is consistently transporting commodities to different parts of the country using freight trains.

CHART 1 : INTER/INTRA-STATE MOVEMENTS OF GOODS BY RAILWAYS DURING 2021-22 TO 2024-25 (QUANTITY IN LAKH TONNES)



During 2024-25, total 15749.9 lakh tonnes of goods were transported by rail within India, including internal movement, which shows a positive growth of 2.06 % over 15431.91 lakh tonnes in 2023-24. During 2024-25, total outward/inward movement of goods by railways was 10495.32 lakh tonnes, a rise by 1.14% over 10377.32 lakh tonnes in 2023-24.

2.2 STATE WISE MOVEMENT BY RAIL

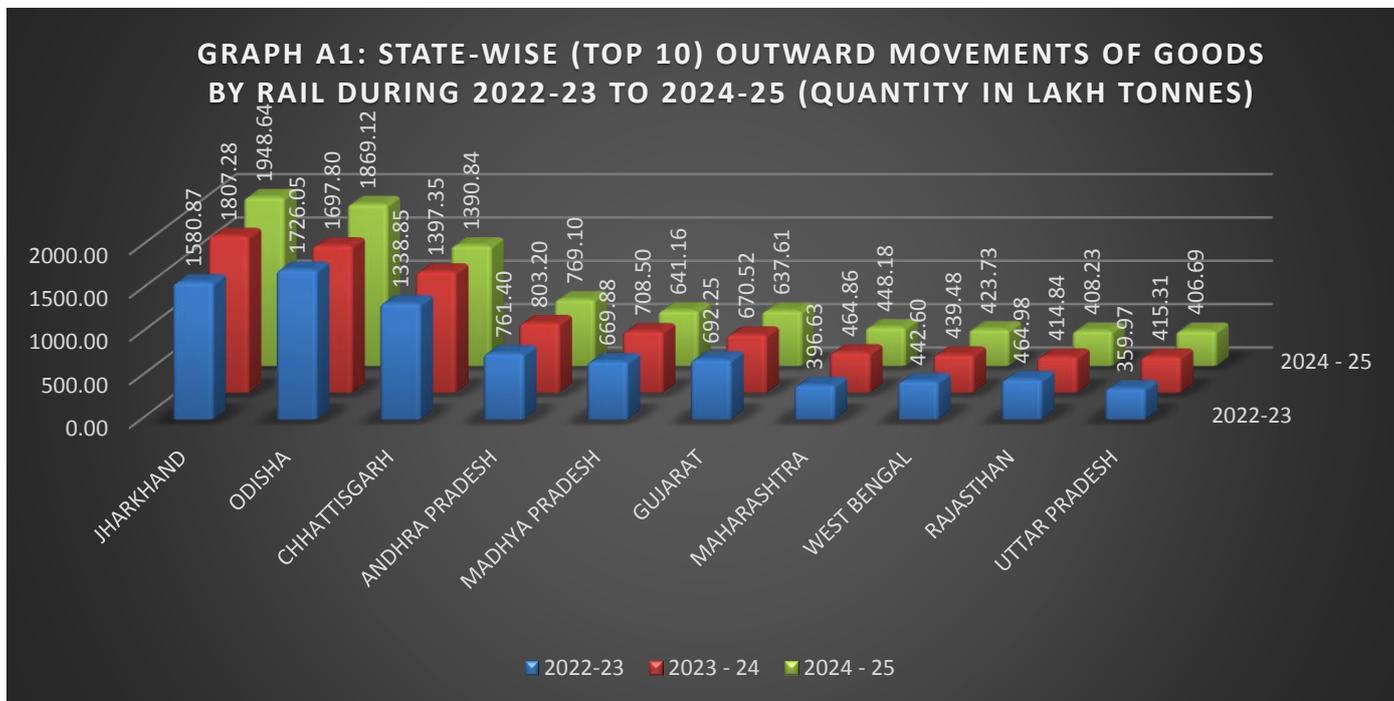
2.2.1 OUTWARD MOVEMENT BY RAIL

Share of top 10 states in total outward movement of goods by rail in 2024-25 was 85.21% recording a growth rate of 1.41% in total outward movement of goods (measured in Lakh Tonnes) vis-a-vis 2023-24 whereas the growth rate of these top 10 states was 4.57% in 2023-24 over 2022-23.

TABLE A1: TREND IN OUTWARD MOVEMENTS OF GOODS OF TOP 10 MOST CONTRIBUTING STATES BY RAIL DURING 2024 – 25 (QUANTITY IN LAKH TONNES)

STATES	2022-23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
JHARKHAND	1580.87	1807.28	1948.64	15.67	17.42	18.57	7.82
ODISHA	1726.05	1697.80	1869.12	17.11	16.36	17.81	10.09
CHHATTISGARH	1338.85	1397.35	1390.84	13.27	13.47	13.25	-0.47
ANDHRA PRADESH	761.40	803.20	769.10	7.55	7.74	7.33	-4.25
MADHYA PRADESH	669.88	708.50	641.16	6.64	6.83	6.11	-9.51
GUJARAT	692.25	670.52	637.61	6.86	6.46	6.08	-4.91
MAHARASHTRA	396.63	464.86	448.18	3.93	4.48	4.27	-3.59
WEST BENGAL	442.60	439.48	423.73	4.39	4.23	4.04	-3.58
RAJASTHAN	464.98	414.84	408.23	4.61	4.00	3.89	-1.59
UTTAR PRADESH	359.97	415.31	406.69	3.57	4.00	3.87	-2.08
TOP TEN STATES TOTAL	8433.49	8819.14	8943.31	83.58	84.98	85.21	1.41
OTHERS	1656.79	1558.18	1552.01	16.42	15.02	14.79	-0.40
TOTAL	10090.27	10377.32	10495.32	100.00	100.00	100.00	1.14

As shown in table A1, Jharkhand was the highest in contributing to total outward movement of goods in 2024-25, with a share of 18.57% followed by Odisha (17.81%) and Chhattisgarh (13.25%). The respective shares of these three (3) states remained quite consistent over the years from 2022-23 to 2024-25.



From the Graph A1, it is clear that outward movement of goods in 2024-25 declined compared to 2023-24 for all the states except Jharkhand (7.82%) and Odisha (10.09%) where movement of goods increased in 2024-25 over 2023-24, although top Ten (10) states showed positive growth in 2024-25 over 2023-24. Odisha recorded the most significant growth – rate of 10.09% in 2024-25 over 2023-24.

2.2.2 INWARD MOVEMENT BY RAIL

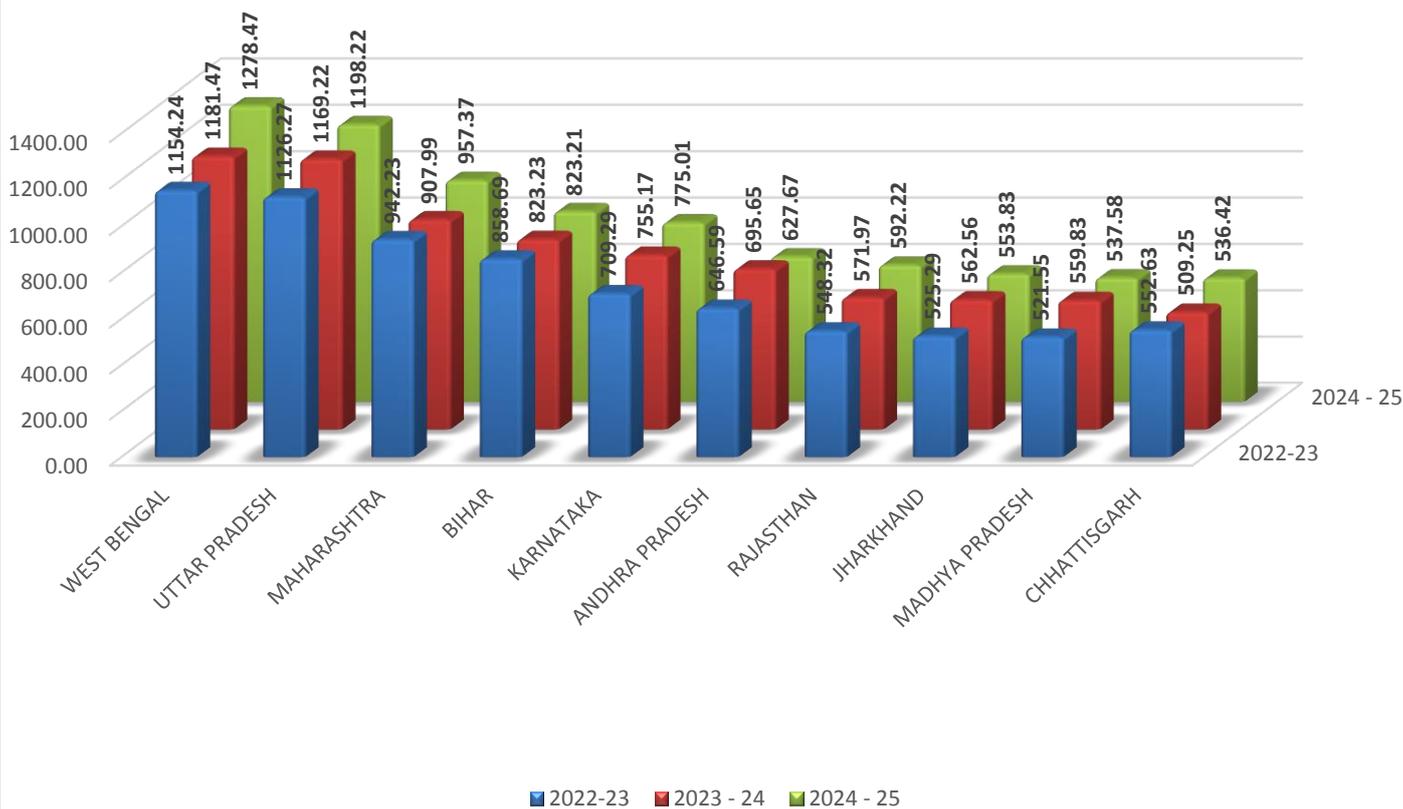
Top 10 states in total Inward movement of goods by rail in 2024-25 had a share of 75.08%. In terms of growth, an increase of 1.86% in FY 2024-25 over FY 2023-24 was recorded in total Inward movements of goods in the top Ten (10) states. For these top Ten (10) states, an increase of 1.99% was recorded in 2023-24 over 2022-23.

TABLE A2: TREND IN INWARD MOVEMENTS OF GOODS OF TOP 10 MOST CONTRIBUTING STATES BY RAIL DURING 2024 – 25 (QUANTITY IN LAKH TONNES)

STATES	2022-23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
WEST BENGAL	1154.24	1181.47	1278.47	11.44	11.39	12.18	8.21
UTTAR PRADESH	1126.27	1169.22	1198.22	11.16	11.27	11.42	2.48
MAHARASHTRA	942.23	907.99	957.37	9.34	8.75	9.12	5.44
BIHAR	858.69	823.23	823.21	8.51	7.93	7.84	0.00
KARNATAKA	709.29	755.17	775.01	7.03	7.28	7.38	2.63
ANDHRA PRADESH	646.59	695.65	627.67	6.41	6.70	5.98	-9.77
RAJASTHAN	548.32	571.97	592.22	5.43	5.51	5.64	3.54
JHARKHAND	525.29	562.56	553.83	5.21	5.42	5.28	-1.55
MADHYA PRADESH	521.55	559.83	537.58	5.17	5.39	5.12	-3.97
CHHATTISGARH	552.63	509.25	536.42	5.48	4.91	5.11	5.34
TOP TEN STATES TOTAL	7585.10	7736.34	7880.00	75.17	74.55	75.08	1.86
OTHERS	2505.18	2640.98	2615.31	24.83	25.45	24.92	-0.97
TOTAL	10090.27	10377.32	10495.32	100.00	100.00	100.00	1.14

As shown in table A2, West Bengal stands top in terms of total inward movement of goods in 2024-25, with a share of 12.18%, followed closely by Uttar Pradesh (11.42%) and Maharashtra (9.12%).

GRAPH A2: STATE-WISE (TOP TEN) INWARD MOVEMENT OF GOODS BY RAIL DURING 2022-23 TO 2024-25 (QUANTITY IN LAKH TONNES)



From Graph A2 above, it is clear that inward movement of goods in 2024-25 was more than that in 2023-24 for all the states except Andhra Pradesh (-9.77%), Jharkhand (-1.55%) and Madhya Pradesh (-3.97%) where movement of Goods declined in 2024-25 over 2023-24. West Bengal followed by Maharashtra recorded the most significant growth rates of 8.21% and 5.44% respectively.

2.2.3 INTERNAL MOVEMENT BY RAIL

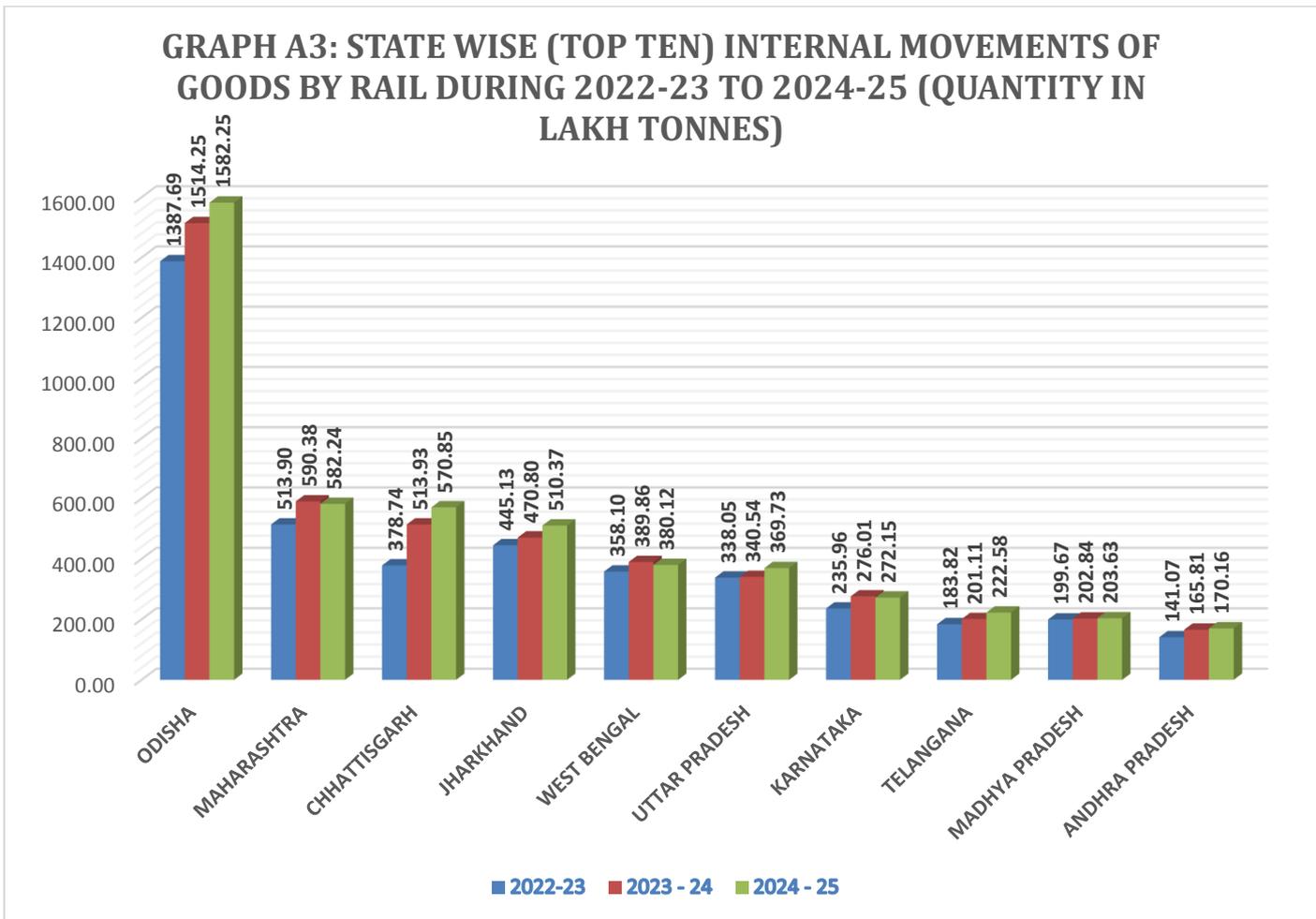
During 2024-25, total internal movement of goods by rail was 5254.58 lakh tonnes, registering a growth of 3.96% over 5054.58 lakh tonnes in 2023-24.

TABLE A3: TREND IN INTERNAL MOVEMENTS OF GOODS OF TOP 10 MOST CONTRIBUTING STATES BY RAIL DURING 2024 – 25 (QUANTITY IN LAKH TONNES)							
STATES	2022-23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
ODISHA	1387.69	1514.25	1582.25	30.37	29.96	30.11	4.49
MAHARASHTRA	513.90	590.38	582.24	11.25	11.68	11.08	-1.38
CHHATTISGARH	378.74	513.93	570.85	8.29	10.17	10.86	11.08
JHARKHAND	445.13	470.80	510.37	9.74	9.31	9.71	8.41
WEST BENGAL	358.10	389.86	380.12	7.84	7.71	7.23	-2.50
UTTAR PRADESH	338.05	340.54	369.73	7.40	6.74	7.04	8.57
KARNATAKA	235.96	276.01	272.15	5.16	5.46	5.18	-1.40
TELANGANA	183.82	201.11	222.58	4.02	3.98	4.24	10.68
MADHYA PRADESH	199.67	202.84	203.63	4.37	4.01	3.88	0.39
ANDHRA PRADESH	141.07	165.81	170.16	3.09	3.28	3.24	2.63
TOP TEN STATES TOTAL	4182.14	4665.52	4864.09	91.53	92.30	92.57	4.26
OTHERS	386.88	389.06	390.49	8.47	7.70	7.43	0.37
TOTAL	4569.02	5054.58	5254.58	100.00	100.00	100.00	3.96

The top 10 states accounted for a share of 92.57% of total internal movement of goods in 2024-25 in India registering a slight increase from 92.30% share held in 2023-24. In terms of total quantity of goods internally moved, a growth of 4.26% was observed between 2023-24 and 2024-25 for top 10 states i.e., from 4665.52 lakh tonnes to 4864.09 lakh tonnes, and between 2022-23 and 2023-24 there was an increase of 11.56% for the top Ten (10) states highlighted in above tables.

As shown in table A3, internal movement of goods occurred majorly in Odisha with a share of 30.11% of total internal movement of goods in India, followed by Maharashtra (11.08%) and Chhattisgarh (10.86%). The share of other states has been gradually increasing over the years except Maharashtra, West Bengal and Karnataka.

GRAPH A3: STATE WISE (TOP TEN) INTERNAL MOVEMENTS OF GOODS BY RAIL DURING 2022-23 TO 2024-25 (QUANTITY IN LAKH TONNES)



From the Graph A3, it is clear that internal movement of goods within Odisha far outweighs than that of any other States. Chhattisgarh occupying the 3rd Position, recorded the highest growth rate of 11.08% in internal movement of goods between 2023-24 and 2024-25.

2.3 COMMODITY WISE MOVEMENT BY RAIL

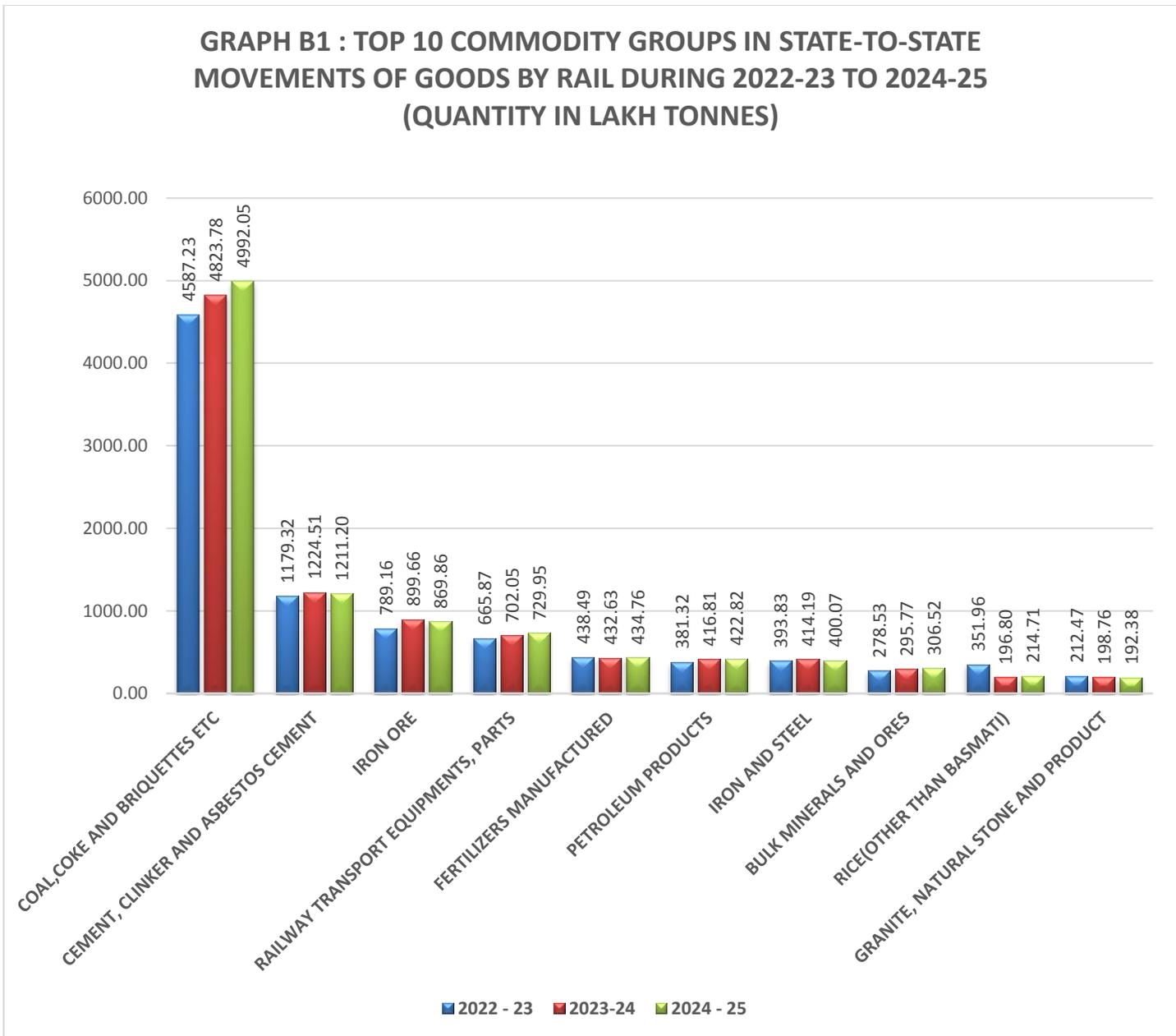
2.3.1 STATE TO STATE(Outward/Inward) MOVEMENT BY RAIL

Total state-to-state movement of top 10 commodity groups by rail was 9774.32 lakh tonnes, contributing 93.13% in total state-to-state movement of goods during 2024-25.

TABLE B1: TREND IN STATE-TO-STATE MOVEMENTS OF GOODS OF TOP 10 COMMODITY GROUPS BY RAIL DURING 2024 - 25 (QUANTITY IN LAKH TONNES)							
COMMODITY	2022-23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
COAL,COKE AND BRIQUETTES ETC	4587.23	4823.78	4992.05	45.46	46.48	47.56	3.49
CEMENT, CLINKER AND ASBESTOS CEMENT	1179.32	1224.51	1211.20	11.69	11.80	11.54	-1.09
IRON ORE	789.16	899.66	869.86	7.82	8.67	8.29	-3.31
RAILWAY TRANSPORT EQUIPMENTS, PARTS	665.87	702.05	729.95	6.60	6.77	6.96	3.97
FERTILIZERS MANUFACTURED	438.49	432.63	434.76	4.35	4.17	4.14	0.49
PETROLEUM PRODUCTS	381.32	416.81	422.82	3.78	4.02	4.03	1.44
IRON AND STEEL	393.83	414.19	400.07	3.90	3.99	3.81	-3.41
BULK MINERALS AND ORES	278.53	295.77	306.52	2.76	2.85	2.92	3.63
RICE(OTHER THAN BASMATI)	351.96	196.80	214.71	3.49	1.90	2.05	9.10
GRANITE, NATURAL STONE AND PRODUCT	212.47	198.76	192.38	2.11	1.92	1.83	-3.21
TOP TEN COMMODITIES TOTAL	9278.17	9604.95	9774.32	91.95	92.56	93.13	1.76
OTHERS	812.10	772.38	720.99	8.05	7.44	6.87	-6.65
TOTAL	10090.27	10377.32	10495.32	100.00	100.00	100.00	1.14

Table B1 exhibits that 'Coal, Coke and Briquettes etc.' was the dominant commodity group transported from one state to another state in 2024-25 with a share of 47.56% in total state-to-state movement of goods. 'Cement, Clinker and Asbestos Cement' with share of 11.54% occupied the second-slot and 'Iron Ore' with share of 8.29% occupied the third-slot.

GRAPH B1 : TOP 10 COMMODITY GROUPS IN STATE-TO-STATE MOVEMENTS OF GOODS BY RAIL DURING 2022-23 TO 2024-25 (QUANTITY IN LAKH TONNES)



From Table B1 and Graph B1 above, it is observed that 'Rice (Other than Basmati)' experienced a significant growth rate of over 9% as regards state – to- state movements of goods between 2023-24 and 2024-25 followed by 'Railway Transport Equipment, Parts' with a growth rate of 03.97% and 'Bulk Minerals and Ores' in the 3rd slot registered a positive growth rate 3.63% in 2024-25 compared to 2023-24. However, among top 10 commodities State to State movement 'Iron and Steel' has decreased the most, i.e., by 3.41% between 2023-24 and 2024-25.

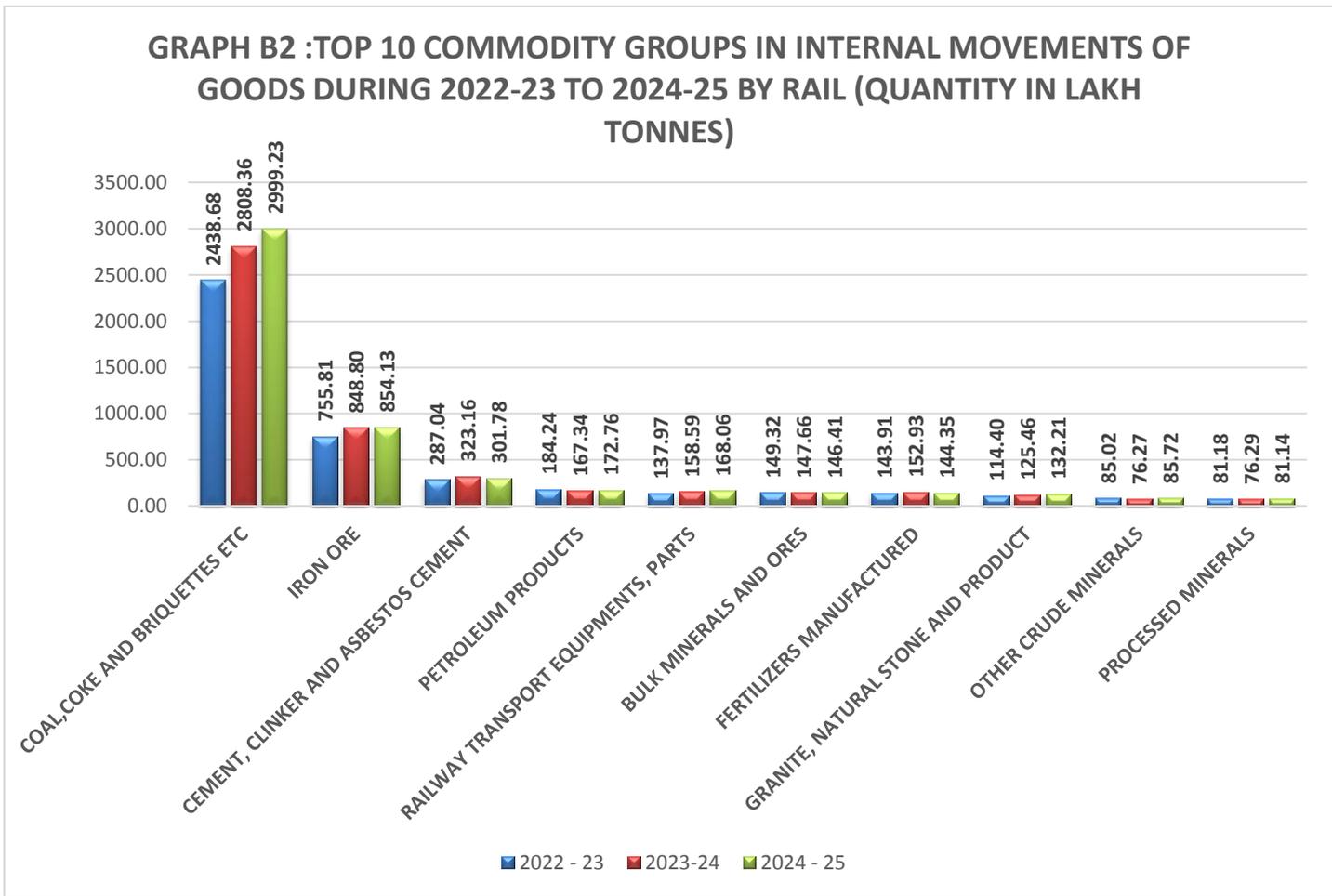
2.3.2 INTERNAL MOVEMENT BY RAIL

Total internal movement of top 10 commodity groups by rail was 5085.79 lakh tonnes, contributing 96.79% in total internal movement of goods during 2024-25.

TABLE B2: TREND IN INTERNAL MOVEMENTS OF TOP 10 COMMODITY GROUPS BY RAIL DURING 2024 - 25 (QUANTITY IN LAKH TONNES)							
COMMODITY	2022-23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
COAL, COKE AND BRIQUETTES ETC	2438.68	2808.36	2999.23	53.37	55.56	57.08	6.80
IRON ORE	755.81	848.80	854.13	16.54	16.79	16.25	0.63
CEMENT, CLINKER AND ASBESTOS CEMENT	287.04	323.16	301.78	6.28	6.39	5.74	-6.61
PETROLEUM PRODUCTS	184.24	167.34	172.76	4.03	3.31	3.29	3.24
RAILWAY TRANSPORT EQUIPMENTS, PARTS	137.97	158.59	168.06	3.02	3.14	3.20	5.97
BULK MINERALS AND ORES	149.32	147.66	146.41	3.27	2.92	2.79	-0.84
FERTILIZERS MANUFACTURED	143.91	152.93	144.35	3.15	3.03	2.75	-5.61
GRANITE, NATURAL STONE AND PRODUCT	114.40	125.46	132.21	2.50	2.48	2.52	5.38
OTHER CRUDE MINERALS	85.02	76.27	85.72	1.86	1.51	1.63	12.40
PROCESSED MINERALS	81.18	76.29	81.14	1.78	1.51	1.54	6.36
TOP TEN COMMODITIES TOTAL	4377.58	4884.86	5085.79	95.81	96.64	96.79	4.11
OTHERS	191.44	169.72	168.79	4.19	3.36	3.21	-0.55
TOTAL	4569.02	5054.58	5254.58	100.00	100.00	100.00	3.96

Table B2 is showing that 'Coal, Coke and Briquettes etc.' was the major item transported within states in 2024-25 with a bulk share of 57.08% of total internal movement of goods. 'Iron Ore' and 'Cement, Clinker and Asbestos Cement' occupied the 2nd and 3rd slots with 16.25% and 5.74% shares respectively in 2024-25.

GRAPH B2 :TOP 10 COMMODITY GROUPS IN INTERNAL MOVEMENTS OF GOODS DURING 2022-23 TO 2024-25 BY RAIL (QUANTITY IN LAKH TONNES)



From Table B2 and Graph B2, it is clear that 'Other Crude Minerals' grew highest whereas 'Coal, Coke and Briquettes etc.' showed the 2nd highest positive growth in total quantity internally transported between 2023-24 and 2024-25.

Coal being the most important fossil fuel in India accounts for a substantial percentage of the nation's energy demand with bulk of the Coal reserves concentrated in eastern and south – central parts of the country which clearly correlate to the fact that Coal, Coke and Briquettes etc is the most important commodity transported between states (state to state movement by Rail) and internally (internal movement by Rail) in each state. Moreover, railways is the most suitable medium of transport of bulk materials.

2.4 COMMODITY BY STATE WISE MOVEMENT BY RAIL

Table C1 shows Top 5 (five) States which contributed in Outward movement of each of the Top 5 commodities in Inter-State Trade through Rail in 2022-23 to 2024-25.

TABLE C1: OUTWARD MOVEMENTS OF TOP 5 COMMODITIES FROM MAJOR STATES DURING 2024 – 25 (QUANTITY IN LAKH TONNES)								
COMMODITY	STATE	2022-23	2023-24	2024-25	Share (%) in 2022-23	Share (%) in 2023-24	Share (%) in 2024-25	Growth rate (%) in 2024-25 over 2023-24
COAL, COKE AND BRIQUETTES ETC	JHARKHAND	1135.60	1338.24	1471.71	24.76	27.74	29.48	9.97
	ODISHA	934.65	858.23	1006.88	20.37	17.79	20.17	17.32
	CHHATTISGARH	791.71	823.27	824.28	17.26	17.07	16.51	0.12
	MADHYA PRADESH	271.49	293.49	295.47	5.92	6.08	5.92	0.67
	TELANGANA	276.41	275.59	262.14	6.03	5.71	5.25	-4.88
	OTHER STATES	1177.38	1234.96	1131.58	25.67	25.60	22.67	-8.37
	ALL STATES	4587.23	4823.78	4992.05	100.00	100.00	100.00	3.49
CEMENT, CLINKER AND ASBESTOS CEMENT	RAJASTHAN	260.86	242.78	234.03	22.12	19.83	19.32	-3.60
	CHHATTISGARH	208.50	233.32	222.36	17.68	19.05	18.36	-4.70
	MADHYA PRADESH	164.87	180.71	178.28	13.98	14.76	14.72	-1.35
	ANDHRA PRADESH	128.44	134.49	144.71	10.89	10.98	11.95	7.60
	KARNATAKA	123.05	130.95	131.78	10.43	10.69	10.88	0.64
	OTHER STATES	293.60	302.27	300.04	24.90	24.68	24.77	-0.74
	ALL STATES	1179.32	1224.51	1211.20	100.00	100.00	100.00	-1.09
IRON ORE	ODISHA	420.87	418.04	436.52	53.33	46.47	50.18	4.42
	CHHATTISGARH	159.03	178.97	168.23	20.15	19.89	19.34	-6.00
	JHARKHAND	76.37	101.46	100.29	9.68	11.28	11.53	-1.16
	KARNATAKA	50.65	72.13	42.35	6.42	8.02	4.87	-41.29
	MAHARASHTRA	24.21	55.98	41.31	3.07	6.22	4.75	-26.21
	OTHER STATES	58.03	73.09	81.16	7.35	8.12	9.33	11.05
	ALL STATES	789.16	899.66	869.86	100.00	100.00	100.00	-3.31
	GUJARAT	210.14	234.33	242.52	31.56	33.38	33.22	3.49
RAILWAY TRANSPORT EQUIPMENTS, PARTS	RAJASTHAN	103.50	87.27	88.94	15.54	12.43	12.18	1.91
	MAHARASHTRA	74.89	78.78	77.95	11.25	11.22	10.68	-1.06
	HARYANA	62.35	72.42	77.77	9.36	10.32	10.65	7.38
	ODISHA	28.75	38.95	42.34	4.32	5.55	5.80	8.69
	OTHER STATES	186.24	190.29	200.44	27.97	27.11	27.46	5.33
	ALL STATES	665.87	702.05	729.95	100.00	100.00	100.00	3.97
	GUJARAT	155.40	127.48	124.83	35.44	29.47	28.71	-2.07
FERTILIZERS MANUFACTURED	ANDHRA PRADESH	80.80	75.03	70.83	18.43	17.34	16.29	-5.59
	UTTAR PRADESH	40.60	44.62	49.56	9.26	10.31	11.40	11.08
	ODISHA	39.34	40.72	39.08	8.97	9.41	8.99	-4.03
	RAJASTHAN	30.95	29.98	32.20	7.06	6.93	7.41	7.41
	OTHER STATES	91.39	114.80	118.26	20.84	26.54	27.20	3.01
	ALL STATES	438.49	432.63	434.76	100.00	100.00	100.00	0.49

Table C2 shows Top 5 (five) States which contributed in Inward movement of each of the Top 5 commodities of Inter-State trade through Rail in 2022-23 to 2024-25.

**TABLE C2: INWARD MOVEMENTS OF TOP 5 COMMODITIES TO MAJOR STATES DURING 2024 – 25
(QUANTITY IN LAKH TONNES)**

COMMODITY	STATE	2022-23	2023-24	2024-25	Share (%) in 2022-23	Share (%) in 2023-24	Share (%) in 2024-25	Growth rate (%) in 2024-25 over 2023-24	
COAL, COKE AND BRIQUETTES ETC	WEST BENGAL	490.06	512.47	586.44	10.68	10.62	11.75	14.43	
	UTTAR PRADESH	499.37	533.69	577.34	10.89	11.06	11.57	8.18	
	MAHARASHTRA	490.88	477.06	503.71	10.70	9.89	10.09	5.59	
	RAJASTHAN	359.11	401.70	432.73	7.83	8.33	8.67	7.72	
	KARNATAKA	381.30	437.42	410.21	8.31	9.07	8.22	-6.22	
	OTHER STATES	2366.51	2461.43	2481.63	51.59	51.03	49.71	0.82	
	ALL STATES	4587.23	4823.78	4992.05	100.00	100.00	100.00	3.49	
	CEMENT, CLINKER AND ASBESTOS CEMENT	UTTAR PRADESH	236.97	244.97	240.17	20.09	20.01	19.83	-1.96
WEST BENGAL		164.23	170.91	176.16	13.93	13.96	14.54	3.07	
BIHAR		167.25	169.87	164.05	14.18	13.87	13.54	-3.43	
	MAHARASHTRA	138.39	154.42	158.45	11.74	12.61	13.08	2.61	
	JHARKHAND	72.60	83.52	88.33	6.16	6.82	7.29	5.77	
	OTHER STATES	399.88	400.82	384.03	33.91	32.73	31.71	-4.19	
	ALL STATES	1179.32	1224.51	1211.20	100.00	100.00	100.00	-1.09	
	IRON ORE	WEST BENGAL	233.49	248.06	274.82	29.59	27.57	31.59	10.79
		ANDHRA PRADESH	193.05	247.54	169.97	24.46	27.51	19.54	-31.33
JHARKHAND		108.92	98.53	111.02	13.80	10.95	12.76	12.67	
CHHATTISGARH		109.38	103.40	97.67	13.86	11.49	11.23	-5.54	
ODISHA		48.35	96.14	96.81	6.13	10.69	11.13	0.69	
OTHER STATES		95.96	105.98	119.57	12.16	11.78	13.75	12.82	
ALL STATES		789.16	899.66	869.86	100.00	100.00	100.00	-3.31	
RAILWAY TRANSPORT EQUIPMENTS, PARTS		GUJARAT	148.28	159.72	171.32	22.27	22.75	23.47	7.27
	HARYANA	93.30	108.96	119.64	14.01	15.52	16.39	9.80	
	MAHARASHTRA	69.68	68.69	76.73	10.47	9.78	10.51	11.71	
	RAJASTHAN	77.20	66.05	66.20	11.59	9.41	9.07	0.23	
	UTTAR PRADESH	43.27	52.02	59.82	6.50	7.41	8.19	14.99	
	OTHER STATES	234.14	246.62	236.24	35.16	35.13	32.36	-4.21	
	ALL STATES	665.87	702.05	729.95	100.00	100.00	100.00	3.97	
FERTILIZERS	UTTAR PRADESH	62.76	61.14	61.81	14.31	14.13	14.22	1.11	
MANUFACTURED	MADHYA PRADESH	46.35	45.96	44.69	10.57	10.62	10.28	-2.77	
	MAHARASHTRA	44.89	44.39	44.15	10.24	10.26	10.16	-0.53	
	BIHAR	38.77	37.94	38.11	8.84	8.77	8.77	0.45	
	KARNATAKA	39.56	32.43	35.91	9.02	7.50	8.26	10.74	
	OTHER STATES	206.16	210.78	210.09	47.02	48.72	48.32	-0.33	
	ALL STATES	438.49	432.63	434.76	100.00	100.00	100.00	0.49	

Table C3 shows Top 5 (five) States which contributed in Internal movement of each of the Top 5 commodities through Rail in 2022-23 to 2024-25.

TABLE C3: INTERNAL MOVEMENTS OF TOP 5 COMMODITIES FROM MAJOR STATES DURING 2024 – 25
(QUANTITY IN LAKH TONNES)

COMMODITY	STATE	2022-23	2023-24	2024-25	Share (%) in 2022-23	Share (%) in 2023-24	Share (%) in 2024-25	Growth rate (%) in 2024-25 over 2023-24
COAL, COKE AND BRIQUETTES ETC	ODISHA	830.91	933.99	1009.00	34.07	33.26	33.64	8.03
	CHHATTISGARH	233.06	336.54	376.05	9.56	11.98	12.54	11.74
	MAHARASHTRA	300.03	355.69	358.28	12.30	12.67	11.95	0.73
	WEST BENGAL	247.45	279.49	252.90	10.15	9.95	8.43	-9.51
	JHARKHAND	194.44	209.80	250.28	7.97	7.47	8.34	19.30
	OTHER STATES	632.80	692.85	752.71	25.95	24.67	25.10	8.64
	ALL STATES	2438.68	2808.36	2999.23	100.00	100.00	100.00	6.80
IRON ORE	ODISHA	318.09	360.41	351.84	42.09	42.46	41.19	-2.38
	JHARKHAND	196.54	201.57	197.30	26.00	23.75	23.10	-2.12
	CHHATTISGARH	109.12	138.88	154.75	14.44	16.36	18.12	11.43
	KARNATAKA	123.08	139.61	140.23	16.28	16.45	16.42	0.45
	WEST BENGAL	3.39	6.24	6.45	0.45	0.73	0.76	3.42
	OTHER STATES	5.59	2.10	3.56	0.74	0.25	0.42	69.32
	ALL STATES	755.81	848.80	854.13	100.00	100.00	100.00	0.63
CEMENT, CLINKER AND ASBESTOS CEMENT	MAHARASHTRA	67.54	87.06	82.34	23.53	26.94	27.29	-5.42
	UTTAR PRADESH	41.31	47.70	44.83	14.39	14.76	14.85	-6.02
	WEST BENGAL	43.74	37.22	41.36	15.24	11.52	13.70	11.11
	BIHAR	15.44	22.12	28.33	5.38	6.85	9.39	28.08
	KARNATAKA	21.99	29.13	18.16	7.66	9.01	6.02	-37.66
	OTHER STATES	97.01	99.93	86.77	33.80	30.92	28.75	-13.17
	ALL STATES	287.04	323.16	301.78	100.00	100.00	100.00	-6.61
PETROLEUM PRODUCTS	UTTAR PRADESH	36.15	32.37	35.02	19.62	19.34	20.27	8.21
	MAHARASHTRA	29.34	28.51	31.19	15.92	17.04	18.05	9.40
	KARNATAKA	29.87	26.32	26.17	16.21	15.73	15.15	-0.54
	GUJARAT	26.86	21.47	24.38	14.58	12.83	14.11	13.57
	MADHYA PRADESH	14.95	11.09	13.59	8.11	6.62	7.87	22.60
	OTHER STATES	47.08	47.59	42.40	25.55	28.44	24.54	-10.91
	ALL STATES	184.24	167.34	172.76	100.00	100.00	100.00	3.24
RAILWAY TRANSPORT EQUIPMENTS, PARTS	GUJARAT	50.50	64.52	73.71	36.60	40.69	43.86	14.23
	MAHARASHTRA	45.73	48.23	38.64	33.14	30.41	22.99	-19.88
	HARYANA	25.91	27.22	26.64	18.78	17.17	15.85	-2.13
	RAJASTHAN	7.55	8.30	10.06	5.47	5.23	5.99	21.30
	ODISHA	2.86	1.52	7.20	2.07	0.96	4.29	373.17
	OTHER STATES	5.43	8.80	11.80	3.94	5.55	7.02	34.16
	ALL STATES	137.97	158.59	168.06	100.00	100.00	100.00	5.97

2.5 Commodity by State by Station wise Movement by Rail

In this year's Publication, more granular level of Information is provided in terms of Movements of Goods from one Station to another Station along with State and Commodity level information (for details see Table 6 & Table 7 in the Appendix)

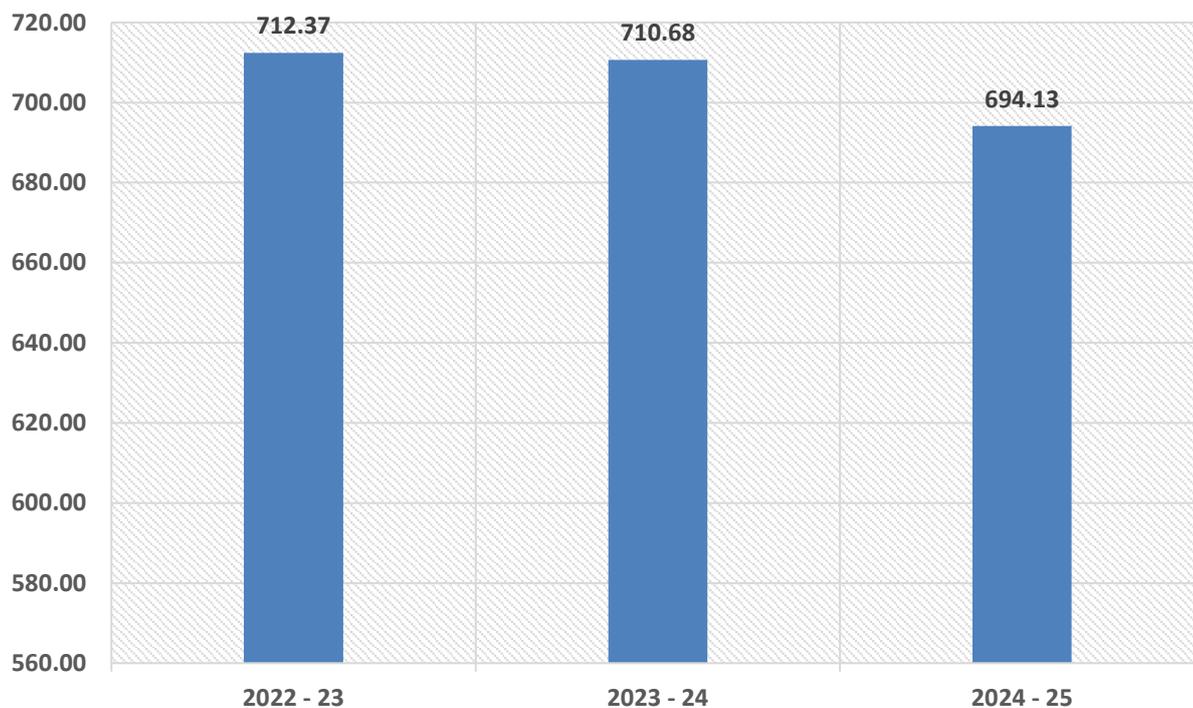


Chapter III

3.1 INTER/INTRA-STATE MOVEMENTS/FLOWS OF GOODS BY AIRWAYS

Air transport is one of the several ways to transport goods across the country at a fast pace i.e., speedily. Air transportation provides convenient, reliable and fast services of transport. Importance of Air transportation has increased in recent times with the advent and spread of e-commerce and heightened demand for rapid delivery. Moreover, changing business models such as just-in-time manufacturing, outsourcing of critical components and processes have all contributed to it. During 2024-25, 694.13 thousand tonnes of goods were transported by airways within India, a decrease by 2.33% over previous year.

CHART 2 : INTER/INTRA-STATE MOVEMENTS OF GOODS BY AIRWAYS DURING 2022-23 TO 2024-25 (QUANTITY IN THOUSAND TONNES)



During 2024-25, total outward/inward movement of goods by airways was of 684.56 thousand tonnes, and internal movement accounted for the remaining 9.57 thousand tonnes.

3.2 STATE-WISE MOVEMENTS BY AIRWAYS

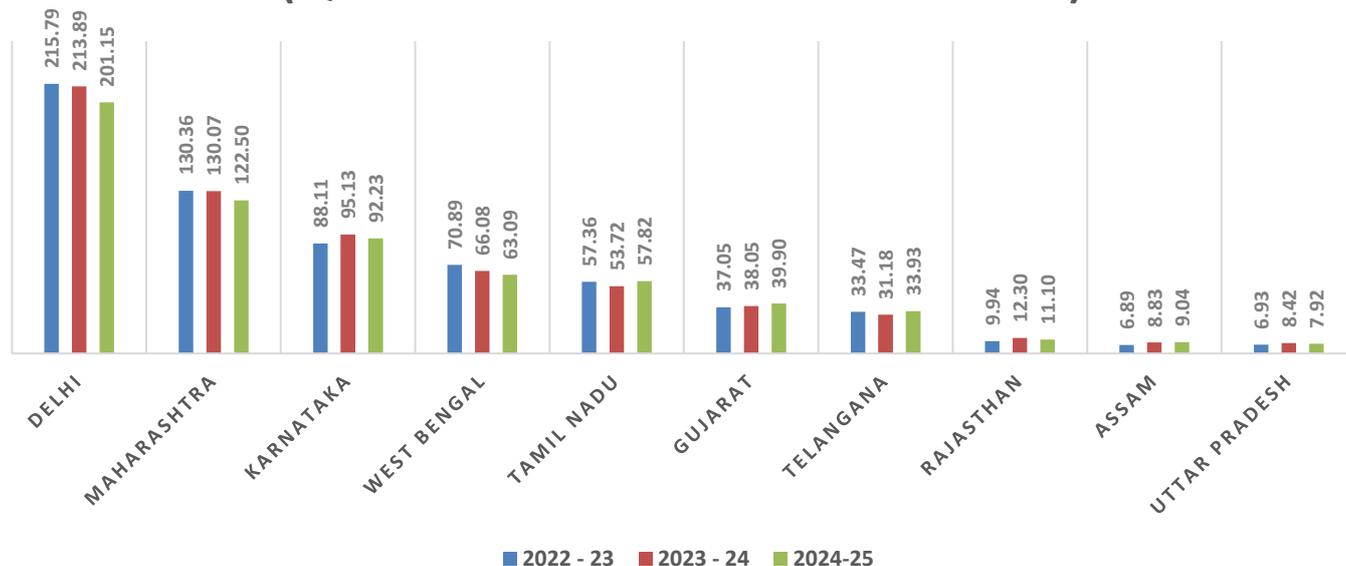
3.2.1 OUTWARD MOVEMENTS BY AIRWAYS

Over the last three years, top 10 states in terms of total outward movement of goods by airways have had a combined share of around 93% of total outward trade. For 2024-25, it was 93.30%. Total outward movement of goods from these top 10 states decreased by 2.89% in 2024-25 over the previous year. Total outward movement of goods in India by airways decreased by 2.34% in 2024-25 over 2023-24.

**TABLE D1: TOP 10 STATES IN OUTWARD MOVEMENTS OF GOODS BY AIRWAYS DURING 2024 - 25
(QUANTITY IN THOUSAND TONNES)**

STATES	2022 - 23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
DELHI	215.79	213.89	201.15	30.71	30.51	29.38	-5.96
MAHARASHTRA	130.36	130.07	122.50	18.55	18.56	17.90	-5.82
KARNATAKA	88.11	95.13	92.23	12.54	13.57	13.47	-3.05
WEST BENGAL	70.89	66.08	63.09	10.09	9.43	9.22	-4.53
TAMIL NADU	57.36	53.72	57.82	8.16	7.66	8.45	7.63
GUJARAT	37.05	38.05	39.90	5.27	5.43	5.83	4.86
TELANGANA	33.47	31.18	33.93	4.76	4.45	4.96	8.80
RAJASTHAN	9.94	12.30	11.10	1.41	1.76	1.62	-9.79
ASSAM	6.89	8.83	9.04	0.98	1.26	1.32	2.42
UTTAR PRADESH	6.93	8.42	7.92	0.99	1.20	1.16	-5.90
TOP TEN STATES TOTAL	656.79	657.68	638.68	93.47	93.82	93.30	-2.89
OTHERS	45.89	43.32	45.88	6.53	6.18	6.70	5.90
TOTAL	702.67	701.00	684.56	100.00	100.00	100.00	-2.34

**GRAPH D1 : TOP 10 STATES IN OUTWARD MOVEMENTS OF GOODS BY AIRWAYS IN 2024-25
(QUANTITY IN THOUSAND TONNES)**



Delhi ranked top in total outward movement of goods by airways in 2024-25, with a share of 29.38 % followed by Maharashtra (17.90%), Karnataka (13.47%) and West Bengal (09.22%). These four states together contributed around 70% of total outward movement of goods in India by airways in 2024-25. Telangana recorded the highest growth rate of 8.80% followed by Tamil Nadu (7.63%) and Gujarat (4.86%). Delhi, Maharashtra, Uttar Pradesh registered decline of around 6% whereas Rajasthan declined more than 9% between 2023-24 and 2024-25. Delhi consistently topped the chart with its share in total hovering around 30% from 2022-23 to 2024-25.

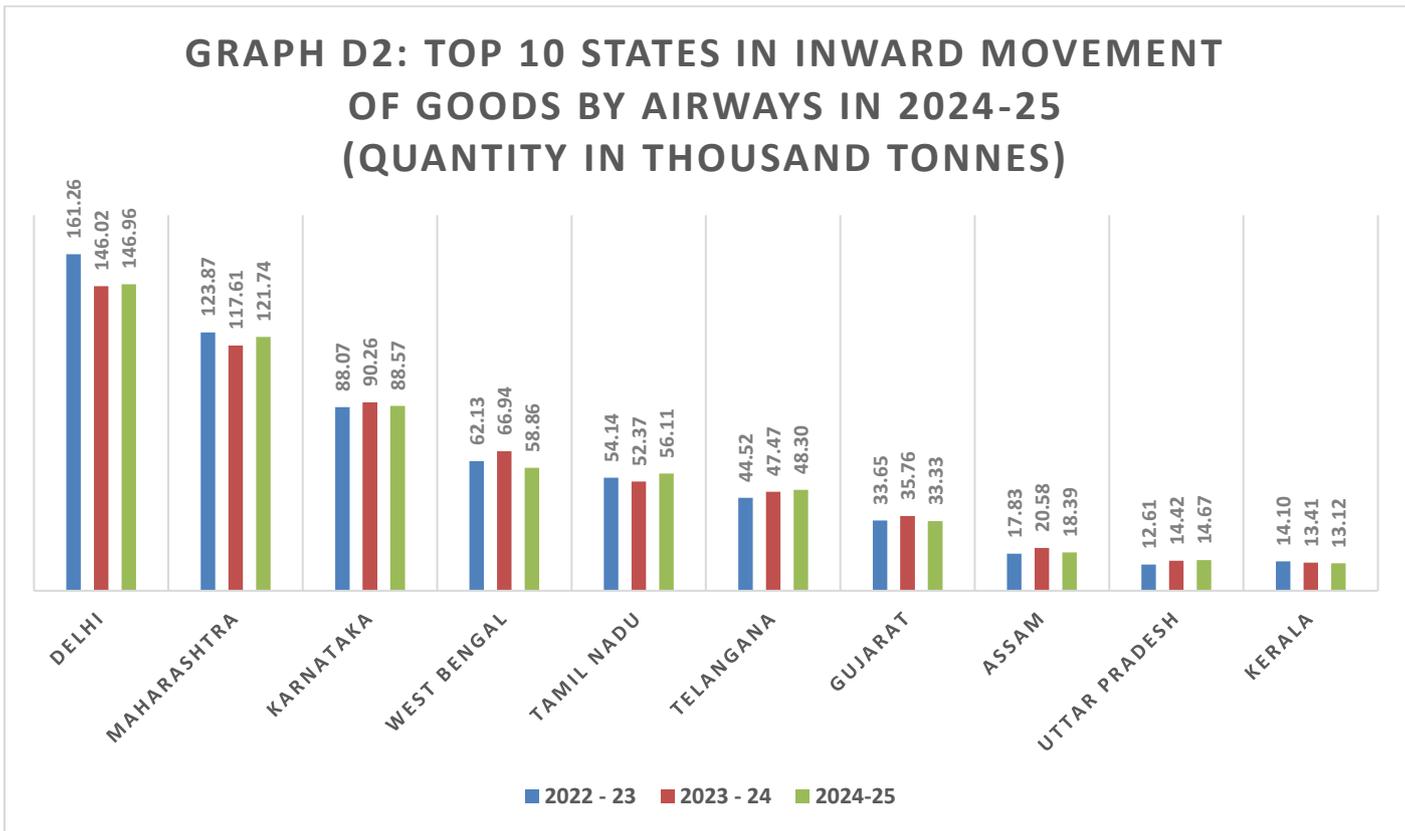
3.2.2 INWARD MOVEMENTS BY AIRWAYS

Over the past three years, top 10 states in terms of total inward movement of goods by airways have had a combined share of around 87% of total inward trade. For 2024-25, it was 87.65%. Inward movement of goods from these top 10 states decreased by 0.79% between 2023 – 24 and 2024-25. Total inward movement of goods decreased by 2.34% in 2024-25 over 2023-24.

**TABLE D2: TOP 10 STATES IN INWARD MOVEMENTS OF GOODS BY AIRWAYS DURING 2024 - 25
(QUANTITY IN THOUSAND TONNES)**

STATES	2022 - 23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 – 24
DELHI	161.26	146.02	146.96	22.95	20.83	21.47	0.64
MAHARASHTRA	123.87	117.61	121.74	17.63	16.78	17.78	3.51
KARNATAKA	88.07	90.26	88.57	12.53	12.88	12.94	-1.88
WEST BENGAL	62.13	66.94	58.86	8.84	9.55	8.60	-12.06
TAMIL NADU	54.14	52.37	56.11	7.70	7.47	8.20	7.14
TELANGANA	44.52	47.47	48.30	6.34	6.77	7.06	1.75
GUJARAT	33.65	35.76	33.33	4.79	5.10	4.87	-6.78
ASSAM	17.83	20.58	18.39	2.54	2.94	2.69	-10.65
UTTAR PRADESH	12.61	14.42	14.67	1.80	2.06	2.14	1.73
KERALA	14.10	13.41	13.12	2.01	1.91	1.92	-2.20
TOP TEN STATES TOTAL	612.17	604.85	600.05	87.12	86.28	87.65	-0.79
OTHERS	90.50	96.15	84.51	12.88	13.72	12.35	-12.10
TOTAL	702.67	701.00	684.56	100.00	100.00	100.00	-2.34

GRAPH D2: TOP 10 STATES IN INWARD MOVEMENT OF GOODS BY AIRWAYS IN 2024-25 (QUANTITY IN THOUSAND TONNES)



Here too Delhi ranked top in total inward movement of goods by airways in 2024-25, with a share of 21.47% followed by Maharashtra (17.78%), Karnataka (12.94%) and West Bengal (8.60%). These four states together contribute around 61% of total inward movement of goods in India by airways in 2024-25. Tamil Nadu recorded the highest growth rate of 7.14% followed by Maharashtra (3.51%). Delhi, despite being top in terms of volume, registered a meagre growth rate of 0.64% between 2023-24 and 2024-25.

3.2.3 INTERNAL MOVEMENTS BY AIRWAYS

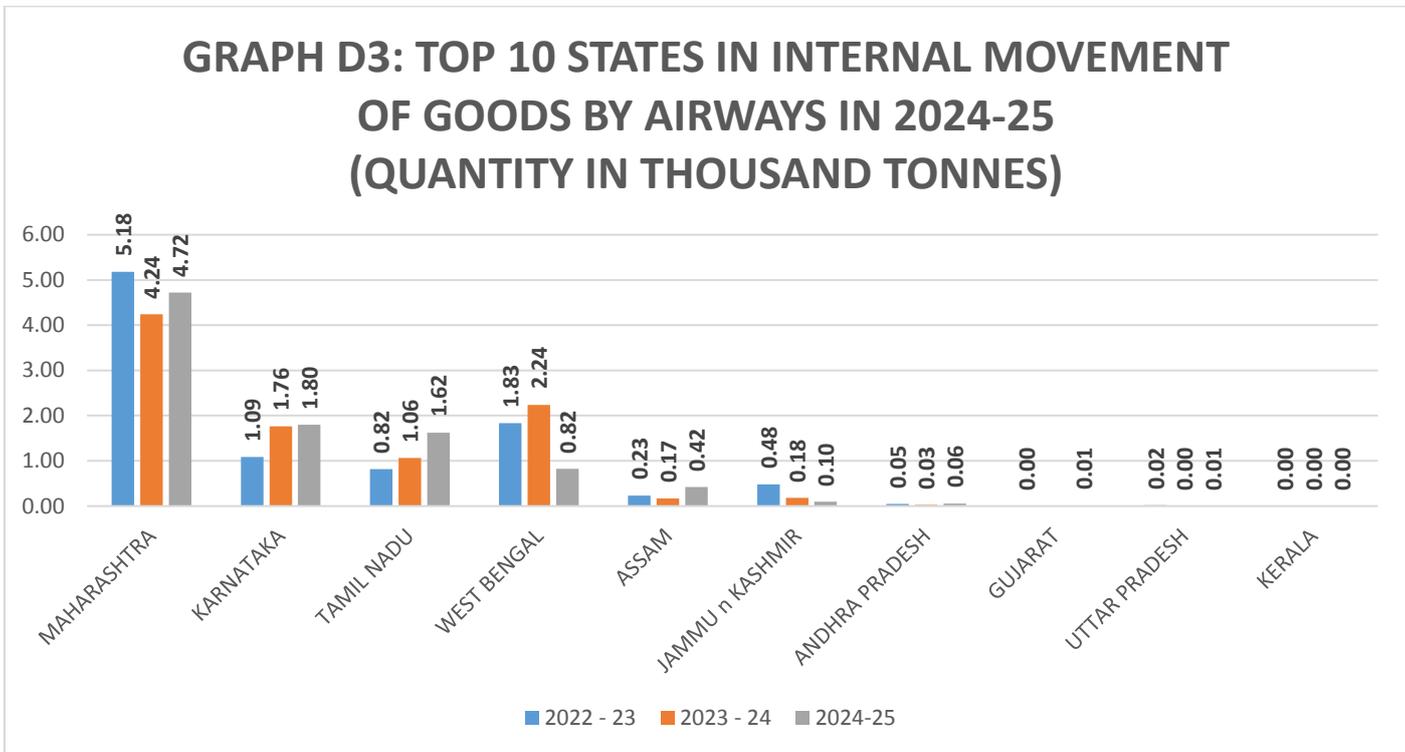
Top 10 states in terms of total internal movement of goods by airways have had a combined share of more than 99% of total internal trade over the last three years. Total internal movement of goods for these top 10 states decreased by 1.22% in 2024-25 over the previous year.

**TABLE D3: TOP 10 STATES IN INTERNAL MOVEMENTS OF GOODS BY AIRWAYS DURING 2024 -25
(QUANTITY IN THOUSAND TONNES)**

STATES	2022 - 23	2023 - 24	2024-25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
MAHARASHTRA	5.18	4.24	4.72	53.41	43.78	49.35	11.36
KARNATAKA	1.09	1.76	1.80	11.18	18.20	18.77	1.92
TAMIL NADU	0.82	1.06	1.62	8.45	10.98	16.93	52.40
WEST BENGAL	1.83	2.24	0.82	18.89	23.12	8.62	-63.16
ASSAM	0.23	0.17	0.42	2.40	1.76	4.43	148.21
JAMMU n KASHMIR	0.48	0.18	0.10	4.93	1.86	1.03	-45.40
ANDHRA PRADESH	0.05	0.03	0.06	0.51	0.26	0.61	133.10
GUJARAT	0.00	NIL	0.01	0.00	N.A.	0.15	N.A.
UTTAR PRADESH	0.02	0.00	0.01	0.18	0.00	0.06	1635.89
KERALA	0.00	0.00	0.00	0.02	0.03	0.02	-41.87
TOP TEN STATES TOTAL	9.70	9.68	9.56	99.98	99.99	99.98	-1.22
OTHERS	0.00	0.00	0.00	0.02	0.01	0.02	53.48
TOTAL	9.70	9.68	9.57	100.00	100.00	100.00	-1.21

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement and 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

GRAPH D3: TOP 10 STATES IN INTERNAL MOVEMENT OF GOODS BY AIRWAYS IN 2024-25 (QUANTITY IN THOUSAND TONNES)



Maharashtra was the largest shareholder among all states for internal movement of goods by airways with a share of 49.35% in 2024-25 followed by Karnataka (18.77%) and Tamil Nadu (16.93%). While Uttar Pradesh recorded the highest growth rate followed by Assam and Andhra Pradesh; West Bengal, Jammu & Kashmir and Kerala recorded substantial decline.

The top three states Maharashtra, Karnataka and Tamil Nadu together contributed more than 85% in total internal movement of goods in 2024-25.

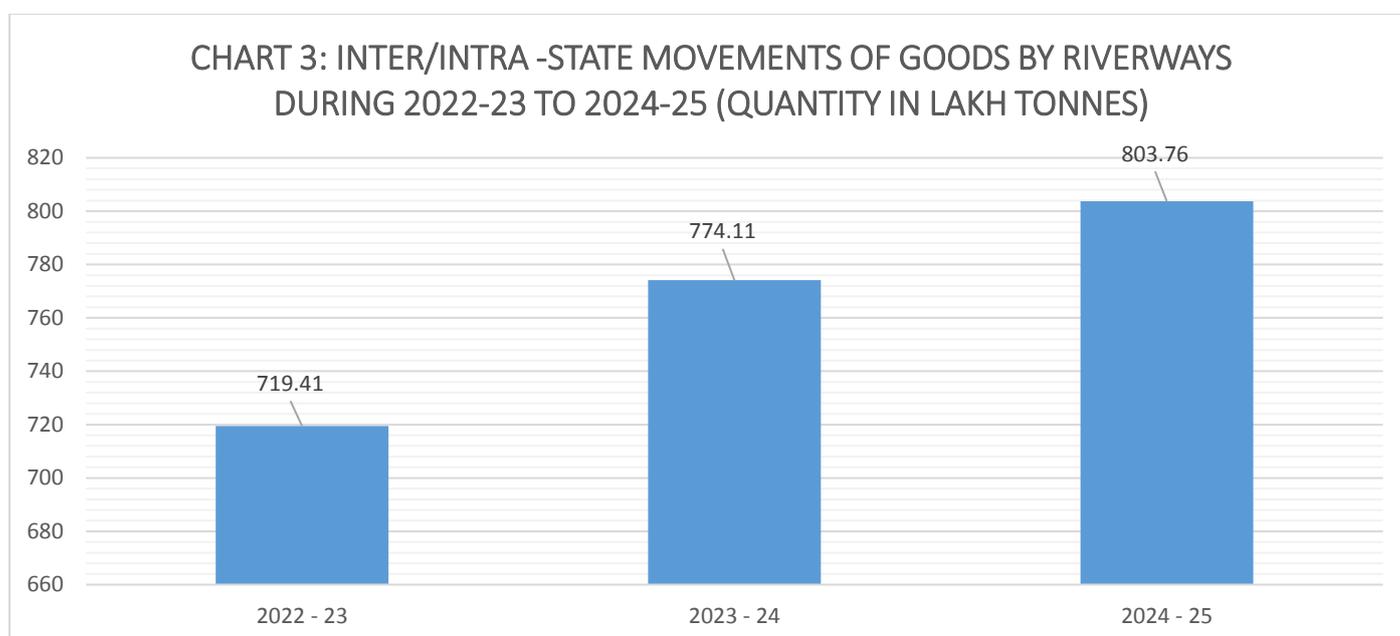


Chapter IV

4.1 INTER/INTRA-STATE MOVEMENTS/FLOWS OF GOODS BY RIVER-WAYS

Waterway/River way is the cheapest means of transportation of goods and is the most suitable to carry heavy and bulky goods. It is a fuel-efficient and environment-friendly mode of transport.

During 2024-25, total 803.76 lakh tonnes of goods were transported through river ways within India, a rise by 3.83% over 774.11 lakh tonnes of goods transported through river ways in 2023-24.



During 2024-25, total outward/inward movement of goods by river ways was of 286.46 lakh tonnes, a rise by 4.72% over 273.56 lakh tonnes of outward/inward movement of goods in 2023-24. Internal movement of goods within states through river-ways was 517.30 lakh tonnes in 2024-25.

4.2 STATE-WISE MOVEMENTS BY RIVERWAYS

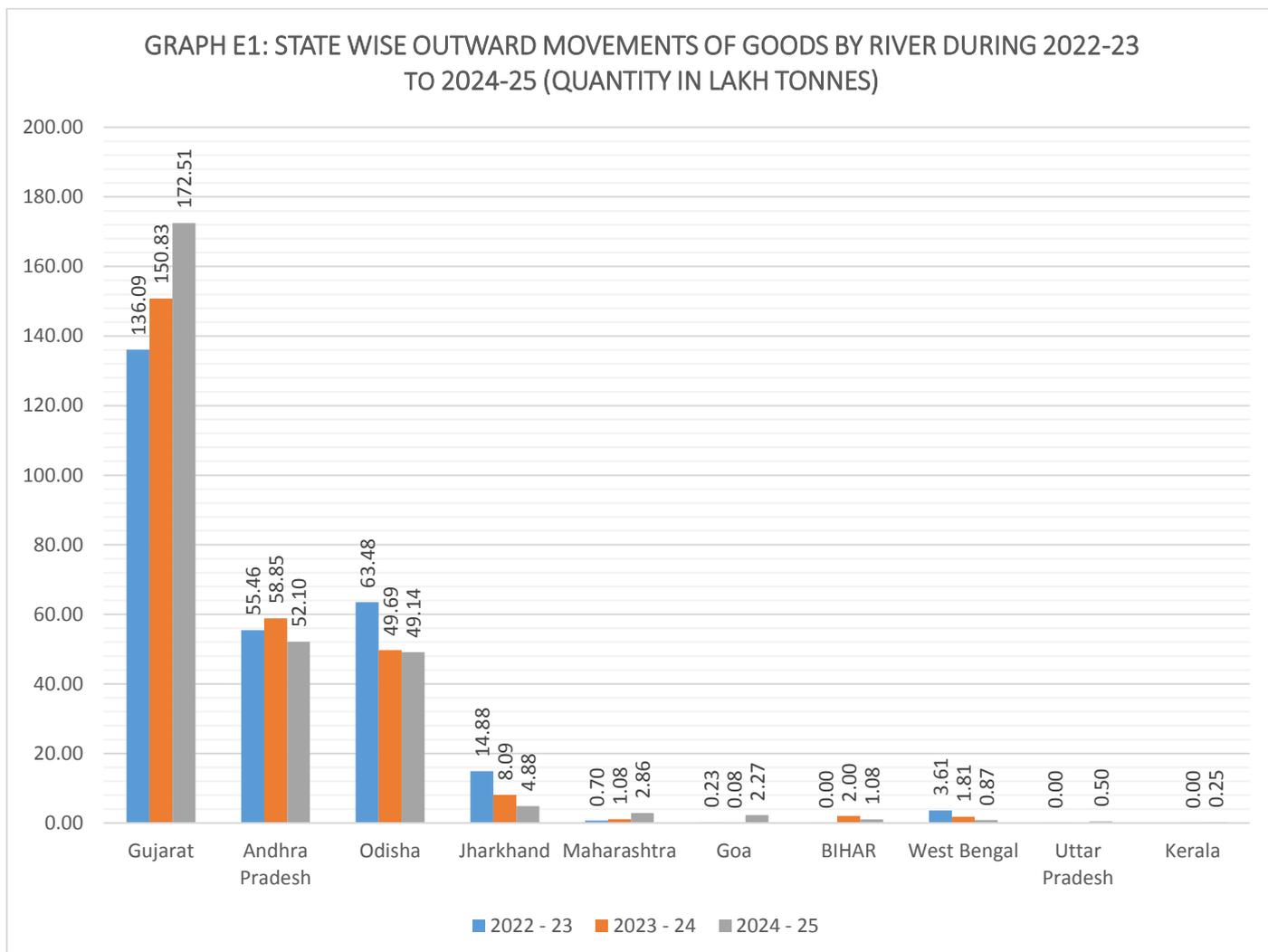
4.2.1 OUTWARD MOVEMENTS BY RIVER-WAYS

TABLE E1: TOP 10 STATES IN OUTWARD MOVEMENTS OF GOODS BY RIVER-WAYS DURING 2024 – 25
(QUANTITY IN LAKH TONNES)

States	2022-23	2023 - 24	2024 - 25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
Gujarat	136.09	150.83	172.51	49.34	55.14	60.22	14.38
Andhra Pradesh	55.46	58.85	52.10	20.11	21.51	18.19	-11.48
Odisha	63.48	49.69	49.14	23.01	18.16	17.15	-1.11
Jharkhand	14.88	8.09	4.88	5.39	2.96	1.70	-39.65
Maharashtra	0.70	1.08	2.86	0.26	0.40	1.00	164.11
Goa	0.23	0.08	2.27	0.08	0.03	0.79	2808.24
Bihar	0.00	2.00	1.08	0.00	0.73	0.38	-46.24
West Bengal	3.61	1.81	0.87	1.31	0.66	0.31	-51.67
Uttar Pradesh	0.00	NIL	0.50	0.00	N.A.	0.17	N.A.
Kerala	NIL	0.00	0.25	N.A.	0.00	0.09	47690.57
Others	1.39	1.12	NIL	0.51	0.41	N.A.	N.A.
Total	275.85	273.56	286.46	100.00	100.00	100.00	4.72

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement and 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

Table E1 shows Share of top 10 states in total outward movement of goods through river in 2024-25. Four out of these 10 states - Gujarat, Andhra Pradesh, Odisha and Jharkhand contributed 97.27% of the total outward movement of goods through river-ways in 2024-25. Out of these four states, shares of Andhra Pradesh, Odisha and Jharkhand declined and shares of Gujarat increased in 2024-25.



From Graph E1, it is observed that outward movement of goods through River ways by Gujarat, Maharashtra, Goa & Kerala increased but declined for Andhra Pradesh, Odisha, Jharkhand, Bihar & West Bengal in 2024-25 compared to 2023-24.

4.2.2 INWARD MOVEMENTS BY RIVERWAYS

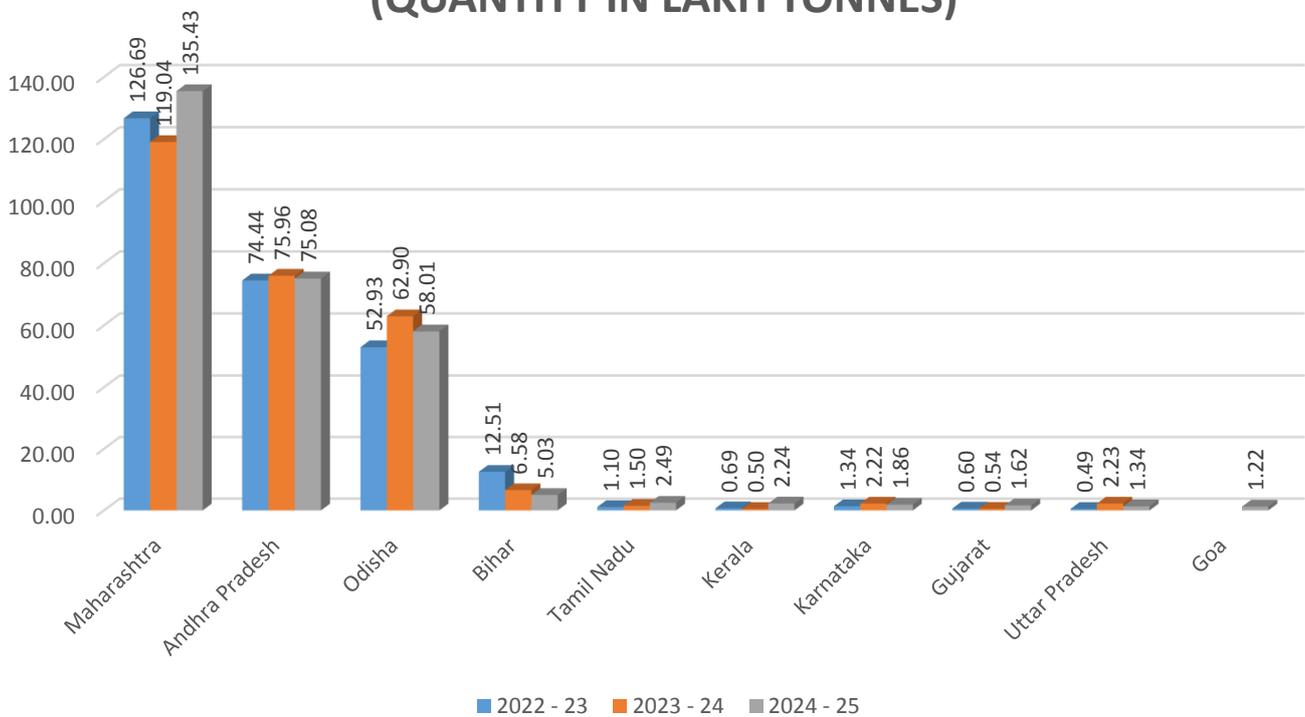
TABLE E2: TOP 10 STATES IN INWARD MOVEMENTS OF GOODS BY RIVER-WAYS DURING 2024 – 25
(QUANTITY IN LAKH TONNES)

States	2022-23	2023 - 24	2024 - 25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
Maharashtra	126.69	119.04	135.43	45.93	43.52	47.28	13.76
Andhra Pradesh	74.44	75.96	75.08	26.99	27.77	26.21	-1.15
Odisha	52.93	62.90	58.01	19.19	22.99	20.25	-7.77
Bihar	12.51	6.58	5.03	4.54	2.40	1.75	-23.60
Tamil Nadu	1.10	1.50	2.49	0.40	0.55	0.87	66.45
Kerala	0.69	0.50	2.24	0.25	0.18	0.78	348.20
Karnataka	1.34	2.22	1.86	0.49	0.81	0.65	-16.11
Gujarat	0.60	0.54	1.62	0.22	0.20	0.57	198.70
Uttar Pradesh	0.49	2.23	1.34	0.18	0.82	0.47	-40.04
Goa	NIL	NIL	1.22	N.A.	N.A.	0.43	N.A.
Others	5.06	2.09	2.14	1.84	0.76	0.75	2.29
Total	275.85	273.56	286.46	100.00	100.00	100.00	4.72

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement and 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

13 states were involved in inward movements of goods. Four out of these states - Maharashtra, Andhra Pradesh, Odisha and Bihar contributed 95.49% of total inward movement of goods in 2024-25. All states of Table E2 except for Maharashtra, Tamil Nadu, Kerala and Gujarat registered decrease in 2024-25. Overall, there was increase in total outward/inward movement of goods in 2024-25 by 4.72% over previous year.

GRAPH E2: STATE WISE INWARD MOVEMENTS OF GOODS BY RIVER DURING 2022-23 TO 2024-25 (QUANTITY IN LAKH TONNES)



4.2.3 INTERNAL MOVEMENTS BY RIVERWAYS

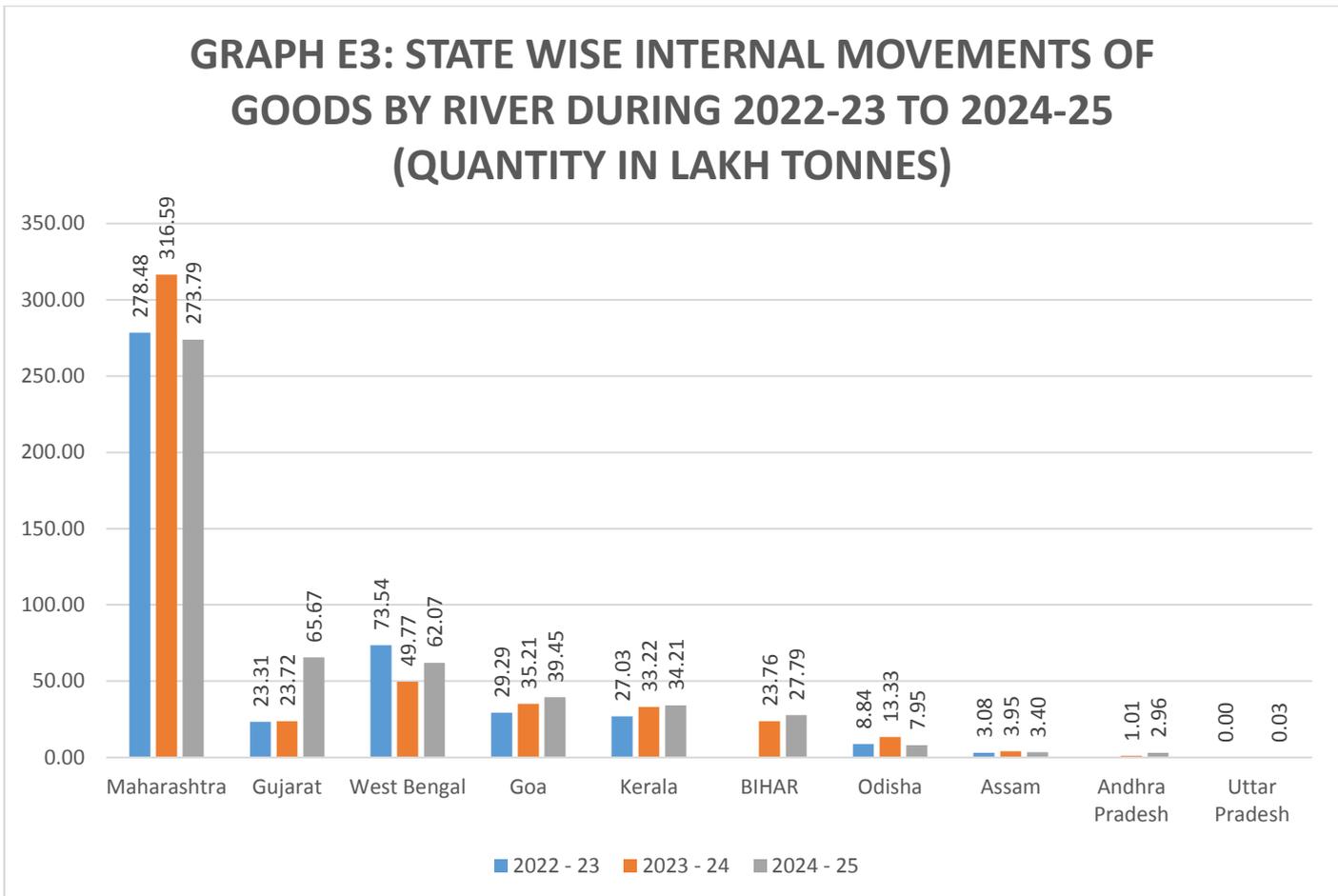
**TABLE E3: TOP 10 STATES IN INTERNAL MOVEMENT OF GOODS BY RIVER WAYS DURING 2024 – 25
(QUANTITY IN LAKH TONNES)**

States	2022-23	2023 - 24	2024 - 25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
Maharashtra	278.48	316.59	273.79	62.78	63.25	52.93	-13.52
Gujarat	23.31	23.72	65.67	5.25	4.74	12.70	176.84
West Bengal	73.54	49.77	62.07	16.58	9.94	12.00	24.70
Goa	29.29	35.21	39.45	6.60	7.03	7.63	12.04
Kerala	27.03	33.22	34.21	6.09	6.64	6.61	2.97
Bihar	NIL	23.76	27.79	N.A.	4.75	5.37	16.92
Odisha	8.84	13.33	7.95	1.99	2.66	1.54	-40.36
Assam	3.08	3.95	3.40	0.69	0.79	0.66	-13.92
Andhra Pradesh	NIL	1.01	2.96	N.A.	0.20	0.57	193.82
Uttar Pradesh	0.00	NIL	0.03	0.00	N.A.	0.00	N.A.
Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
Total	443.57	500.55	517.30	100.00	100.00	100.00	3.35

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement and 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

Among 10(ten) states using waterways for internal movement of goods, top 7(seven) states contributed 98.77% in 2024-25. Maharashtra was the highest in internal movement of goods by river-ways in 2024-25, followed by Gujarat and West Bengal with shares of 12.70% and 12% respectively. All states except Maharashtra, Odisha and Assam registered positive growth in 2024-25. In the year 2024-25 YoY growth of total internal movement of goods by river was 3.35% over previous year.

GRAPH E3: STATE WISE INTERNAL MOVEMENTS OF GOODS BY RIVER DURING 2022-23 TO 2024-25 (QUANTITY IN LAKH TONNES)



From the Graph E3, it is clear that internal movement of goods by River-ways, increased for all other states except Maharashtra, Odisha and Assam in 2024-25.

4.3 COMMODITY WISE MOVEMENTS BY RIVERWAYS

4.3.1 STATE TO STATE MOVEMENTS BY RIVERWAYS

Total state-to-state movement of top 10 commodity groups by river-ways was 285.92 lakh tonnes, contributing 99.81% of total state-to-state movement of goods during 2024-25.

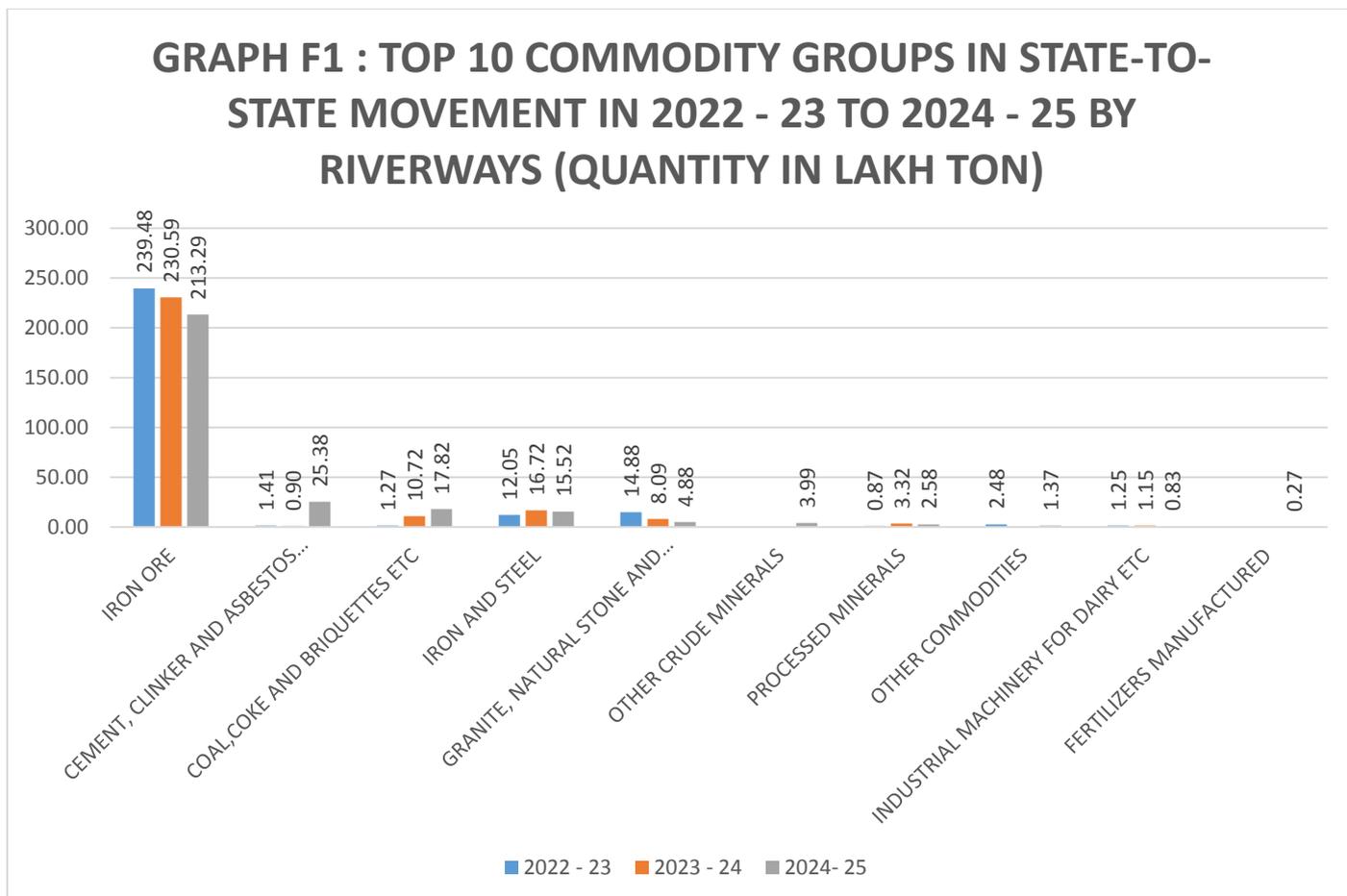
**TABLE F1: STATE-TO-STATE MOVEMENTS OF TOP 10 COMMODITY GROUPS BY RIVER WAYS DURING 2024 – 25
(QUANTITY IN LAKH TONNES)**

Commodity	2022-23	2023 - 24	2024 - 25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
IRON ORE	239.48	230.59	213.29	86.82	84.30	74.46	-7.50
CEMENT, CLINKER AND ASBESTOS CEMENT	1.41	0.90	25.38	0.51	0.33	8.86	2733.28
COAL, COKE AND BRIQUETTES ETC	1.27	10.72	17.82	0.46	3.92	6.22	66.24
IRON AND STEEL	12.05	16.72	15.52	4.37	6.11	5.42	-7.22
GRANITE, NATURAL STONE AND PRODUCT	14.88	8.09	4.88	5.39	2.96	1.70	-39.65
OTHER CRUDE MINERALS	NIL	NIL	3.99	N.A.	N.A.	1.39	N.A.
PROCESSED MINERALS	0.87	3.32	2.58	0.31	1.21	0.90	-22.26
OTHER COMMODITIES	2.48	NIL	1.37	0.90	N.A.	0.48	N.A.
INDUSTRIAL MACHINERY FOR DAIRY ETC	1.25	1.15	0.83	0.45	0.42	0.29	-28.12
FERTILISERS MANUFACTURED	NIL	NIL	0.27	N.A.	N.A.	0.09	N.A.
OTHERS	2.17	2.07	0.54	0.79	0.76	0.19	-73.78
TOTAL	275.85	273.56	286.46	100.00	100.00	100.00	4.72

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement and 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

Table F1 shows that 'Iron Ore' and 'Cement, Clinker and Asbestos Cement' were two dominant items transported from one state to another state in 2024-25 with a combined share of 83.32% in total state-to-state movement of goods followed by 'Coal, Coke and Briquettes Etc.' and 'Iron and Steel' with a share of 6.22% and 5.42%.

Graphical representation of top 10 commodities in Table F1 is presented as under.



From the Graph F1, it is clear that State-to-State movement of 'Cement, Clinker and Asbestos Cement' and 'Coal, Coke and Briquettes' increased substantially in 2024-25 over previous financial year.

4.3.2 INTERNAL MOVEMENTS BY RIVERWAYS

Total internal movement of top 10 commodity groups by river was 485.38 lakh tonnes, contributing 93.83% in total internal movement of goods during 2024-25.

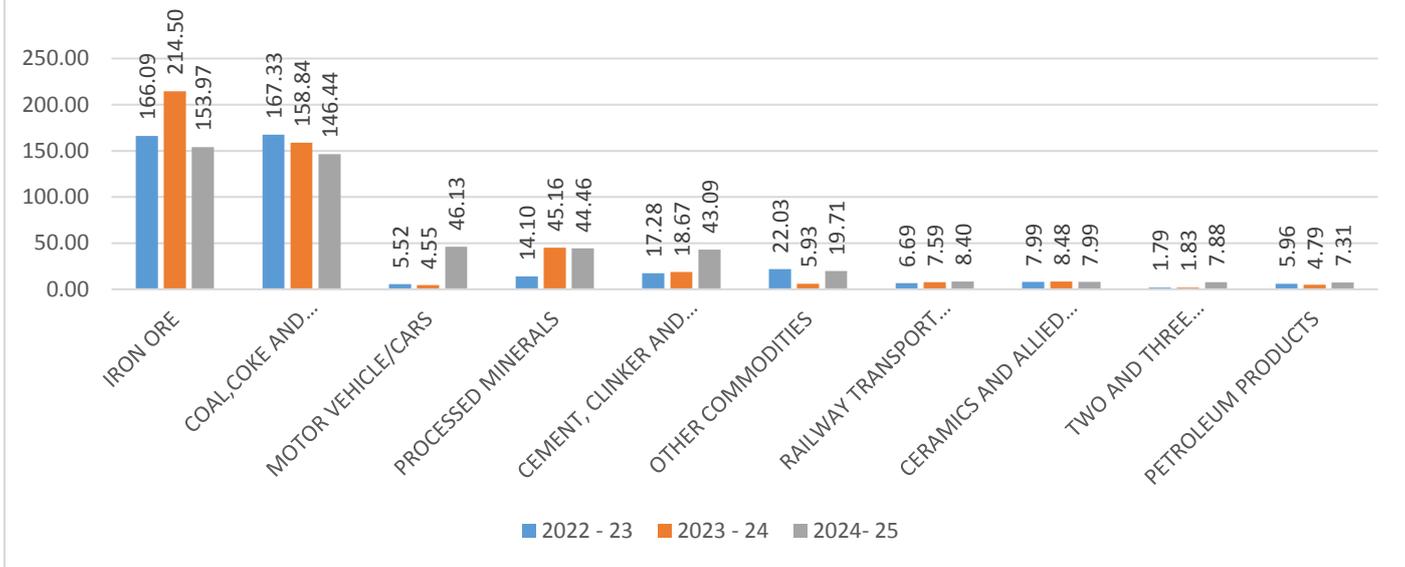
**TABLE F2: INTERNAL MOVEMENT OF TOP 10 COMMODITY GROUPS BY RIVER WAYS DURING 2024 – 25
(QUANTITY IN LAKH TONNES)**

Commodity	2022-23	2023 - 24	2024 - 25	Share (%) in 2022 - 23	Share (%) In 2023 - 24	Share (%) In 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
IRON ORE	166.09	214.50	153.97	37.44	42.85	29.76	-28.22
COAL, COKE AND BRIQUETTES ETC	167.33	158.84	146.44	37.72	31.73	28.31	-7.81
MOTOR VEHICLE/CARS	5.52	4.55	46.13	1.24	0.91	8.92	914.32
PROCESSED MINERALS	14.10	45.16	44.46	3.18	9.02	8.60	-1.55
CEMENT, CLINKER AND ASBESTOS CEMENT	17.28	18.67	43.09	3.90	3.73	8.33	130.78
OTHER COMMODITIES	22.03	5.93	19.71	4.97	1.18	3.81	232.56
RAILWAY TRANSPORT EQUIPMENTS, PARTS	6.69	7.59	8.40	1.51	1.52	1.62	10.68
CERAMICS AND ALLIED PRODUCTS	7.99	8.48	7.99	1.80	1.69	1.54	-5.88
TWO AND THREE WHEELERS	1.79	1.83	7.88	0.40	0.37	1.52	330.07
PETROLEUM PRODUCTS	5.96	4.79	7.31	1.34	0.96	1.41	52.69
OTHERS	28.77	30.20	31.92	6.49	6.03	6.17	5.70
TOTAL	443.57	500.55	517.30	100.00	100.00	100.00	3.35

Please see detailed excel Tables for exact un-approximated figures.

Table F2 shows that 'Iron Ore' and 'Coal, Coke and Briquettes etc.' were major items transported within state in 2024-25 with a combined share of 58.07% of total internal movement of goods; followed distantly by – 'Motor Vehicle/Cars'; 'Processed Minerals' and 'Cement, Clinker and Asbestos Cement' with a combined share of 25.84%. In terms of growth rates recorded in 2024-25 vis-a-vis 2023-24 all commodities but for 'Iron Ore'; 'Coal, Coke and Briquettes etc.', 'Processed Minerals' and 'Ceramics and Allied Products' registered positive figures with 'Motor Vehicle/Cars' registering a significant 914.32% growth rate.

GRAPH F2 : TOP 10 COMMODITY GROUPS IN INTERNAL MOVEMENT IN 2022 - 23 TO 2024 - 25 BY RIVERWAYS (QUANTITY IN LAKH TONES)



From the Graph F2, it is clear that Internal Movements of Goods by River-ways increased in 2024-25 compared to that in 2023-24 but it declined for the commodity group 'Iron Ore'; 'Coal, Coke and Briquettes etc'; 'Processed Minerals' and 'Ceramics and Allied Products' in 2024-25 than that in 2023-24.

4.4 COMMODITY BY STATE WISE MOVEMENTS BY RIVERWAYS

Table G1 shows the States involved in Outward movements of top 5 commodities through River ways in 2022-23 to 2024-25.

TABLE G1: OUTWARD MOVEMENT OF TOP 5 COMMODITIES FROM MAJOR STATES DURING 2024 – 25 (QUANTITY IN LAKH TONNES)								
Commodity	State	2022-23	2023 - 24	2024 - 25	Share (%) in 2022 -23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
IRON ORE	Gujarat	121.19	131.46	127.20	50.60	57.01	59.64	-3.24
	Andhra Pradesh	54.07	58.10	49.86	22.58	25.20	23.38	-14.19
	Odisha	62.71	39.78	32.90	26.19	17.25	15.43	-17.29
	Goa	NIL	NIL	2.27	N.A.	N.A.	1.06	N.A.
	Maharashtra	NIL	NIL	1.06	N.A.	N.A.	0.50	N.A.
	Others	1.51	1.25	NIL	0.63	0.54	N.A.	N.A.
	Total	239.48	230.59	213.29	100.00	100.00	100.00	-7.50
CEMENT, CLINKER AND ASBESTOS CEMENT	Gujarat	0.01	0.15	22.84	1.02	16.26	90.00	15583.13
	Andhra Pradesh	1.39	0.75	2.24	98.98	83.74	8.83	198.80
	Kerala	NIL	NIL	0.25	N.A.	N.A.	0.99	N.A.
	West Bengal	NIL	NIL	0.05	N.A.	N.A.	0.18	N.A.
	Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
	Total	1.41	0.90	25.38	100.00	100.00	100.00	2733.28
COAL, COKE AND BRIQUETTES ETC	Odisha	NIL	9.91	16.24	N.A.	92.49	91.14	63.80
	Gujarat	0.16	0.36	1.42	13.02	3.35	7.97	295.44
	Maharashtra	0.03	NIL	0.16	2.36	N.A.	0.89	N.A.
	West Bengal	NIL	NIL	0.00	N.A.	N.A.	0.01	N.A.
	Others	1.07	0.45	NIL	84.62	4.16	N.A.	N.A.
	Total	1.27	10.72	17.82	100.00	100.00	100.00	66.24
IRON AND STEEL	Gujarat	11.91	16.20	14.80	98.91	96.85	95.40	-8.61
	Maharashtra	0.13	0.53	0.69	1.09	3.15	4.46	31.43
	West Bengal	NIL	NIL	0.02	N.A.	N.A.	0.14	N.A.
	Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
	Total	12.05	16.72	15.52	100.00	100.00	100.00	-7.22
GRANITE, NATURAL STONE AND PRODUCT	Jharkhand	14.88	8.09	4.88	100.00	100.00	100.00	-39.65
	Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
	Total	14.88	8.09	4.88	100.00	100.00	100.00	-39.65

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement and 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

Table G2 shows the States involved in Inward movements of top 5 commodities through River ways in 2022-23 to 2024-25.

TABLE G2: INWARD MOVEMENT OF TOP 5 COMMODITIES FROM MAJOR STATES DURING 2024 – 25 (QUANTITY IN LAKH TONNES)								
Commodity	State	2022-23	2023 - 24	2024 - 25	Share (%) in 2022 - 23	Share (%) in 2023 - 24	Share (%) in 2024 - 25	Growth rate (%) in 2024 - 25 over 2023 - 24
IRON ORE	Maharashtra	118.29	99.13	85.03	49.40	42.99	39.86	-14.23
	Andhra Pradesh	73.95	73.75	73.86	30.88	31.98	34.63	0.15
	Odisha	47.24	57.71	53.34	19.73	25.03	25.01	-7.57
	Goa	NIL	NIL	1.06	N.A.	N.A.	0.50	N.A.
	Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
	Total	239.48	230.59	213.29	100.00	100.00	100.00	-7.50
CEMENT, CLINKER AND ASBESTOS CEMENT	Maharashtra	NIL	0.15	22.84	N.A.	16.26	90.00	15583.13
	Kerala	0.64	0.50	2.24	45.73	55.83	8.83	348.20
	Andhra Pradesh	NIL	NIL	0.25	N.A.	N.A.	0.99	N.A.
	Assam	NIL	NIL	0.05	N.A.	N.A.	0.18	N.A.
	Others	0.76	0.25	NIL	54.27	27.91	N.A.	N.A.
	Total	1.41	0.90	25.38	100.00	100.00	100.00	2733.28
COAL, COKE AND BRIQUETTES ETC	Maharashtra	1.20	10.36	16.24	94.77	96.65	91.14	56.75
	Odisha	NIL	NIL	1.11	N.A.	N.A.	6.23	N.A.
	Andhra Pradesh	NIL	0.36	0.31	N.A.	3.35	1.73	-14.04
	Goa	NIL	NIL	0.16	N.A.	N.A.	0.89	N.A.
	Uttar Pradesh	NIL	NIL	0.00	N.A.	N.A.	0.01	N.A.
	Others	0.07	NIL	NIL	5.23	N.A.	N.A.	N.A.
	Total	1.27	10.72	17.82	100.00	100.00	100.00	66.24
IRON AND STEEL	Maharashtra	4.69	7.31	7.95	38.94	43.73	51.21	8.67
	Odisha	4.86	5.17	3.57	40.33	30.92	22.98	-31.05
	Karnataka	1.23	2.22	1.86	10.18	13.26	11.99	-16.11
	Tamil Nadu	1.10	1.50	1.38	9.10	8.95	8.90	-7.67
	Gujarat	0.13	0.53	0.69	1.09	3.15	4.46	31.43
	Others	0.04	NIL	0.07	0.35	N.A.	0.46	N.A.
	Total	12.05	16.72	15.52	100.00	100.00	100.00	-7.22
GRANITE, NATURAL STONE AND PRODUCT	Bihar	10.38	6.55	4.14	69.72	80.99	84.83	-36.79
	West Bengal	4.51	1.54	0.74	30.28	19.01	15.17	-51.82
	Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
	Total	14.88	8.09	4.88	100.00	100.00	100.00	-39.65

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement, 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

Table G3 shows the States involved in Internal movements of top 5 commodities through River ways in 2022-23 to 2024-25.

TABLE G3: INTERNAL MOVEMENT OF TOP 5 COMMODITIES FROM MAJOR STATES DURING 2024 – 25 (QUANTITY IN LAKH TONNES)								
COMMODITY	STATE	2022-23	2023 - 24	2024 - 25	SHARE (%) IN 2022 - 23	SHARE (%) IN 2023 - 24	SHARE (%) IN 2024 -25	GROWTH RATE (%) IN 2024 - 25 OVER 2023 - 24
IRON ORE	Maharashtra	143.81	185.74	130.08	86.59	86.59	84.48	-29.97
	Goa	21.32	27.39	23.89	12.84	12.77	15.52	-12.78
	Others	0.96	1.37	NIL	0.58	0.64	N.A.	N.A.
	Total	166.09	214.50	153.97	100.00	100.00	100.00	-28.22
COAL, COKE AND BRIQUETTES ETC	Maharashtra	131.92	128.17	126.85	78.84	80.69	86.63	-1.03
	West Bengal	25.96	22.42	11.70	15.51	14.11	7.99	-47.81
	Goa	6.75	6.27	7.50	4.03	3.95	5.12	19.60
	Gujarat	2.70	1.98	0.38	1.62	1.25	0.26	-80.62
	Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
	Total	167.33	158.84	146.44	100.00	100.00	100.00	-7.81
MOTOR VEHICLE/CARS	Gujarat	NIL	NIL	20.27	N.A.	N.A.	43.93	N.A.
	West Bengal	1.33	1.94	13.98	24.08	42.60	30.30	621.48
	Goa	NIL	NIL	4.09	N.A.	N.A.	8.87	N.A.
	Maharashtra	NIL	NIL	3.07	N.A.	N.A.	6.65	N.A.
	Andhra Pradesh	NIL	NIL	2.96	N.A.	N.A.	6.41	N.A.
	Others	4.19	2.61	1.77	75.92	57.40	3.84	-32.18
	Total	5.52	4.55	46.13	100.00	100.00	100.00	914.32
PROCESSED MINERALS	Bihar	NIL	23.75	27.06	N.A.	52.60	60.87	13.94
	Kerala	5.03	7.56	8.40	35.65	16.73	18.90	11.20
	Odisha	7.55	12.22	7.10	53.52	27.06	15.98	-41.87
	West Bengal	1.53	1.63	1.89	10.83	3.62	4.26	15.89
	Others	NIL	NIL	NIL	N.A.	N.A.	N.A.	N.A.
	Total	14.10	45.16	44.46	100.00	100.00	100.00	-1.55
CEMENT, CLINKER AND ASBESTOS CEMENT	Gujarat	15.96	18.60	42.92	92.34	99.62	99.60	130.73
	Kerala	0.00	0.05	0.15	0.01	0.25	0.35	218.21
	West Bengal	0.02	0.02	0.02	0.14	0.13	0.05	-6.21
	Others	1.30	NIL	NIL	7.51	N.A.	N.A.	N.A.
	Total	17.28	18.67	43.09	100.00	100.00	100.00	130.78

NOTE: 'NIL' indicates no movements; '0' indicates negligible movement and 'N.A.' indicates not applicable. Please see detailed excel Tables for exact un-approximated figures.

For detailed Statistical Tables, please refer to Appendix