



**Research Unit**  
Press Information Bureau  
Government of India

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## UPI: Revolutionizing Digital Payments in India

*Processed over 16 billion transactions worth ₹23.49 Lakh Crores in October 2024*

(Ministry of Finance)

December 1, 2024

### Introduction

In October 2024, Unified Payments Interface (UPI) achieved a historic milestone by processing 16.58 billion financial transactions in a single month, underscoring its pivotal role in India's digital transformation. Launched in 2016 by the National Payments Corporation of India (NPCI), UPI has revolutionized the nation's payment ecosystem by integrating multiple bank accounts into a single mobile application. This system enables seamless fund transfers, merchant payments, and peer-to-peer transactions, offering users flexibility through scheduled payment requests.

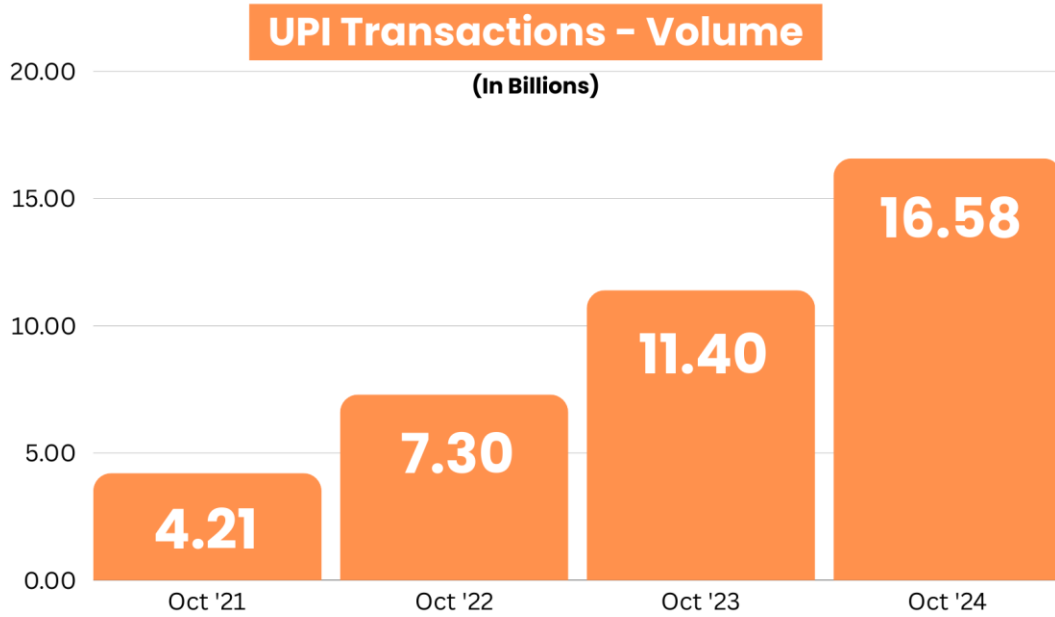


UPI has not only made financial transactions fast, secure, and effortless, but it has also empowered individuals, small businesses, and merchants, driving the country's shift toward a cashless economy. This remarkable achievement highlights India's commitment to leveraging technology for inclusive growth and economic progress.

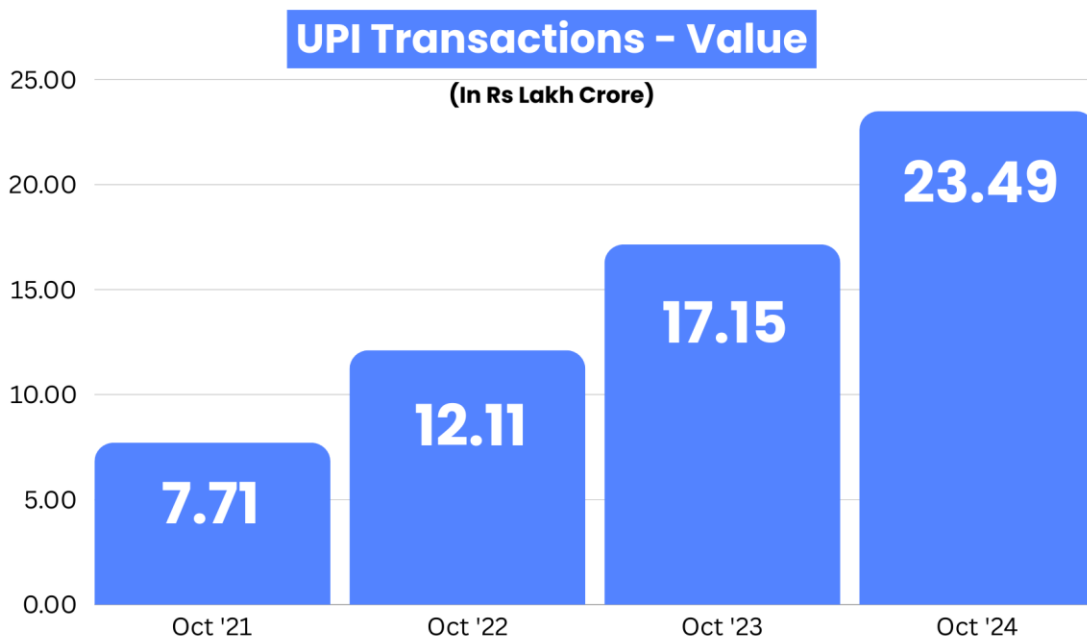
### UPI in Numbers

UPI processed an impressive ₹23.49 Lakh Crores across 16.58 billion financial transactions in October 2024, marking a 45% year-on-year growth from 11.40 billion transactions in October 2023. With 632 banks connected to its platform, this surge in usage highlights UPI's expanding dominance in India's payment landscape. As more individuals and businesses embrace the

convenience and security of digital transactions, the increasing volume and value of transactions underscore UPI's pivotal role in advancing the country's shift toward a cashless economy.



Source: National Payments Corporation of India (NPCI)



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## What Makes UPI Unique?

UPI has transformed digital payments in India with its unparalleled ease, security, and versatility. By enabling round-the-clock transactions and offering features like single-click payments and virtual addresses, it ensures both convenience and privacy for users. Its ability to integrate multiple banking services into one app makes it a game-changer in financial technology.

Here are a few reasons why UPI stands out:

❖ **Round-the-Clock Accessibility:** Enables immediate money transfers 24/7, 365 days a year through a mobile device.

❖ **Unified Banking Access:** Allows users to access multiple bank accounts using a single mobile application.

❖ **Seamless and Secure Payments:** Offers Single Click 2-Factor Authentication, ensuring regulatory compliance and secure, one-click transactions.

❖ **Enhanced Privacy:** Uses a virtual address for transactions, eliminating the need to share sensitive details like account numbers or IFSC codes.

❖ **QR Code Integration:** Facilitates easy payments through QR code scanning, supporting quick and secure transactions.

❖ **Cash-On-Delivery Alternative:** Simplifies transactions by replacing the hassle of cash payments or exact change during deliveries.

❖ **Merchant and In-App Payments:** Supports payments for merchants via a single application or directly within apps.

❖ **Diverse Payment Options:** Covers utility bill payments, over-the-counter transactions, and scan-and-pay features.

❖ **Flexibility in Transactions:** Enables donations, collections, disbursements, and more with ease.

❖ **Customer Support:** Allows users to raise complaints directly from the mobile application.

## Impact of UPI

UPI has had a profound impact on small businesses, street vendors, and migrant workers, offering them an easy and efficient way to transfer money and receive payments. Its adoption was

particularly accelerated during the Covid-19 pandemic, as people sought safer, contactless alternatives to cash transactions. UPI's success, however, extends beyond the strength of its infrastructure; it also stems from the behavioural shift it has inspired, where trust in the system and its accessibility have been key factors in driving widespread use.

One of the small yet significant innovations that facilitated this shift is the use of voice boxes by payment apps. These devices, commonly found at snack carts and tea stalls, announce the amount of money received with each QR code transaction, ensuring that vendors who are often too busy to check phone messages are aware of their earnings. This simple yet effective feature has played a crucial role in gaining the trust of small merchants who were previously accustomed to cash transactions and wary of digital payments.

Another important design feature of UPI is its provision for users to choose their preferred payment apps, regardless of the bank where their account is held. This flexibility has given consumers the power of choice, making it easier for them to embrace UPI as their go-to payment method.

The integration of RuPay credit cards with UPI marks another revolutionary step in the digital payment landscape. This feature allows users to access the benefits of both credit cards and UPI for transactions, enabling them to make payments through their credit lines instead of drawing from savings accounts.

## UPI's Global Expansion

India's digital payments revolution is gaining international momentum, with both UPI and RuPay expanding rapidly across borders. Currently, UPI is operational in seven countries, including key markets like the UAE, Singapore, Bhutan, Nepal, Sri Lanka, France, and Mauritius.



UPI's entry into France is particularly significant, marking its first foray into Europe. This expansion enables Indian consumers and businesses to make and receive payments seamlessly, even while living or traveling abroad.

As part of its global outreach, Prime Minister Modi has actively pitched for UPI's expansion within the BRICS grouping, which now includes six new member states. This initiative is expected to further bolster remittance flows, improve financial inclusion, and enhance India's stature in the global financial landscape.

According to the ACI Worldwide Report 2024, India now accounts for around 49% of global real-time payment transactions as of 2023, underscoring India's leadership in digital payment innovation. With UPI's growing international presence and the continued rise of digital transactions, India is setting new global benchmarks for financial inclusion and economic empowerment.

## Conclusion

In conclusion, UPI has not only revolutionized the way India conducts financial transactions but has also positioned the country as a global leader in digital payments. By offering a seamless, secure, and accessible platform for both individuals and businesses, UPI has played a pivotal role in promoting financial inclusion and accelerating the nation's shift towards a cashless economy. Its remarkable growth, both in terms of transaction volumes and geographical reach, highlights its transformative impact on the financial landscape. As UPI continues to expand globally, it is setting new standards for digital payments, empowering citizens, enhancing economic opportunities, and contributing to India's increasing influence in the global financial arena.

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