

# Global Biometrics Market Report And Forecast 2024-2032

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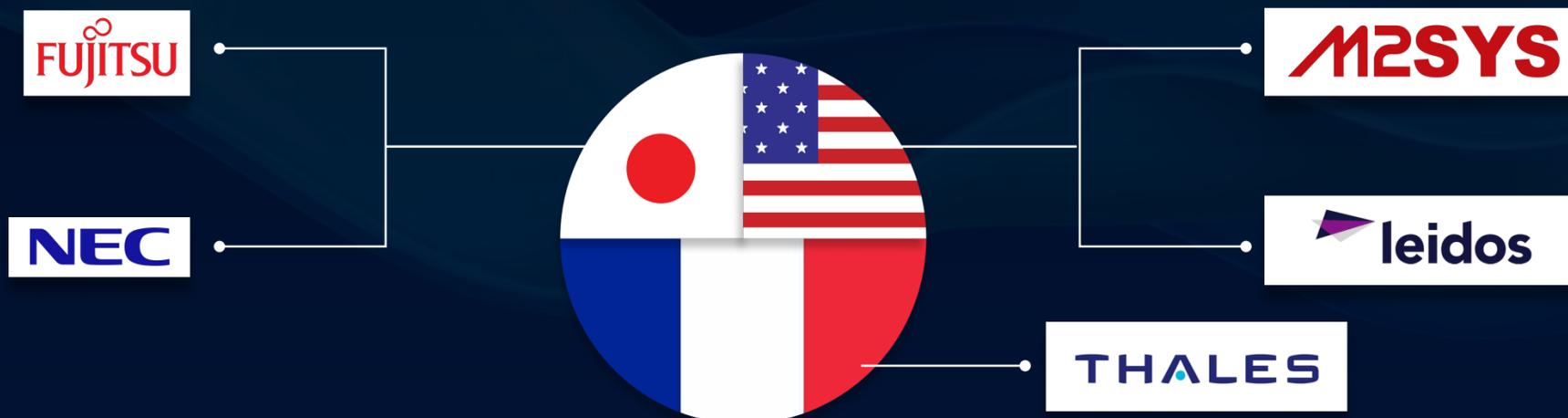
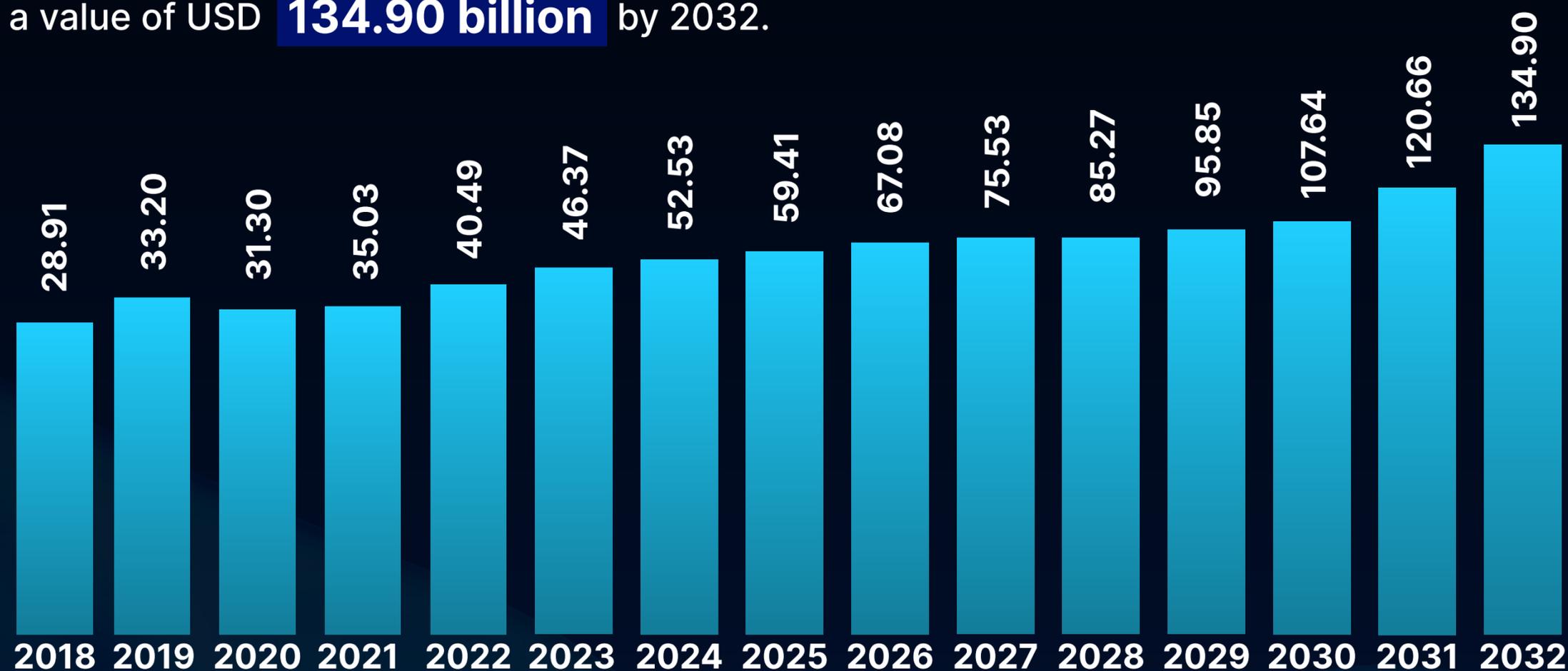


# Report Description

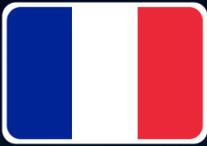
## Global Biometrics Market Outlook

The global biometrics market attained a value of **USD 46.37 billion** in 2023.

The market is estimated to grow at a CAGR of **12.5%** during 2024-2032 to reach a value of USD **134.90 billion** by 2032.



## Government Policies Associated with Biometrics Verification

Announced In	Country	Description
2024		In July 2024, The UK Introduced A Bill To Support Certified Digital ID Services, Streamlining Online Transactions And Saving Businesses An Estimated USD 778.1 Million Annually.
2024		India's Ministry Of Petroleum Has Introduced Aadhaar-Based Biometric Authentication For LPG Consumers, While The Government Plans Nationwide Biometric Authentication To Combat GST Fraud.
2023		Starting May 2025, Germany Will Require Biometric-Standard Photos For ID Documents To Improve Convenience And Reduce Identity Fraud.
2022		France's ANTS Launched A Mobile App Allowing Citizens To Verify Their Identity Online Using E-ID Cards And Biometrics.
2021		China's Biometric Data Is Protected By The PIPL, Cybersecurity Law, And Data Security Law, Ensuring Consent, Security, And Privacy.

## Banks Using Voice-Activated Banking

Bank Name	Country	Launch Year	Key Features
KEB Hana Bank	South Korea	2017	Account Enquiries, Track Spending, Financial News
Shinhan Bank	South Korea	2017	Account Enquiries, Track Spending, Financial News
Woori Bank	South Korea	2017	Account Enquiries, Track Spending, Financial News
OCBC Bank	Singapore	2017	Account Enquiries
ICICI Bank	India	2017	Account Enquiries, Track Spending, Financial News
HDFC Bank	India	2018	Account Enquiries, Track Spending, Financial News
Ant Financial Service Group	China	2018	Account Enquiries, Track Spending, Financial News

<b>Bank Name</b>	<b>Country</b>	<b>Launch Year</b>	<b>Key Features</b>
<b>ING Bank Australia</b>	Australia	2018	Account Enquiries, Track Spending, Financial News
<b>National Australia Bank</b>	South Korea	2017	Account Enquiries
<b>Westpac</b>	South Korea	2017	Account Enquiries, Financial News, Payments
<b>CIMB</b>	Malaysia	2018	Account Enquiries, Track Spending, Payments
<b>Emirates NBD</b>	UAE	2019	Account Enquiries, Financial News
<b>Monzo</b>	UK	2016	Account Enquiries, Payments
<b>Barclays Bank</b>	UK	2017	Account Enquiries, Payments

Bank Name	Country	Launch Year	Key Features
<b>Starling Bank</b>	UK	2017	Account Enquiries, Payments
<b>Paypal</b>	US	2016	Account Enquiries
<b>Capital One</b>	US	2016	Account Enquiries, Track Spending, Payments
<b>American Express</b>	US	2017	Account Enquiries, Payments
<b>US Bank</b>	US	2017	Account Enquiries, Track Spending, Payments
<b>USAA</b>	US	2017	Account Enquiries, Payments
<b>Enrichment CU</b>	US	2017	Account Enquiries, Payments, Loan Payments
<b>Ally Bank</b>	US	2017	Account Enquiries, Track Spending, Payments
<b>Bank Of America</b>	US	2018	Account Enquiries, Track Spending, Payments

# Digital Payments Expansion Overview

India leads global digital payments,

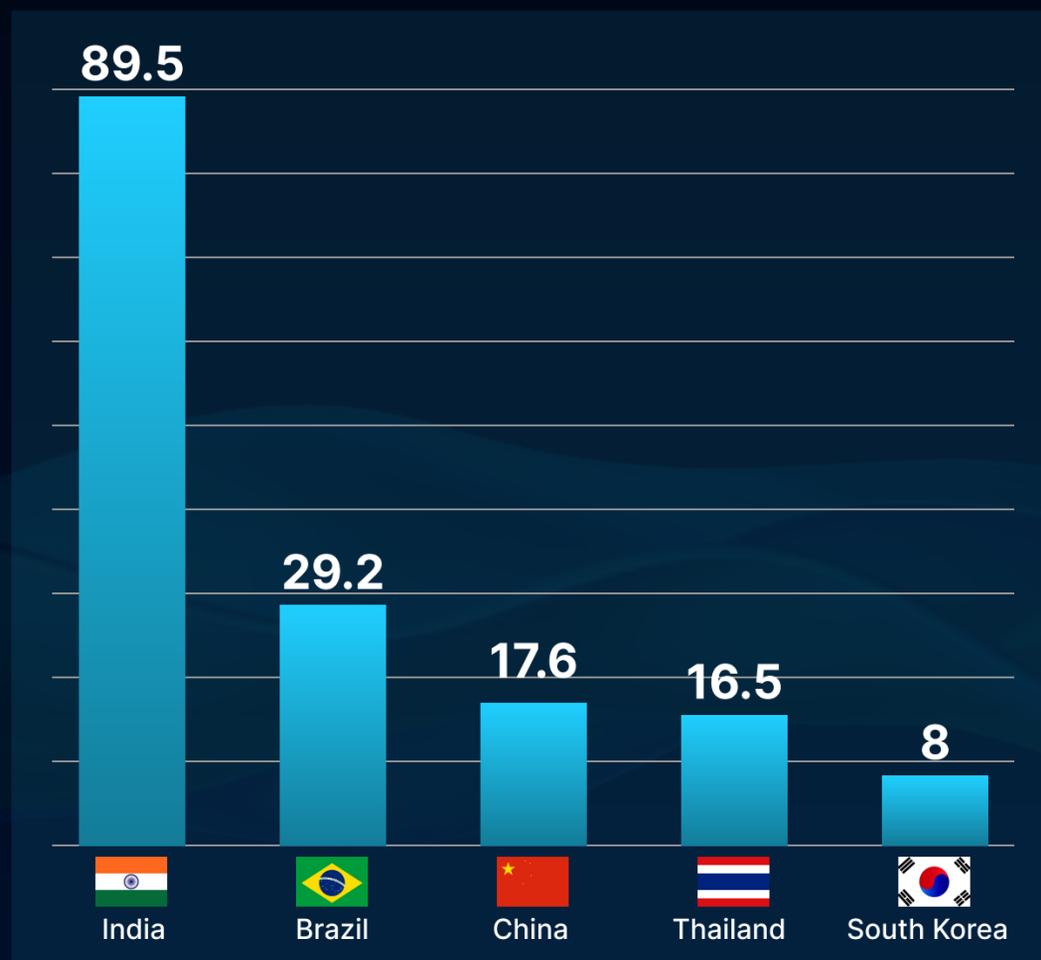
**46%**

accounting for nearly of global transactions, with dominance expected until at least 2028.



The Growth Of Real-Time Payments Highlights The Need For Robust KYC Processes, Increasingly Relying On Biometrics For Secure Mobile Banking.

## Top 5 Countries In Real Time Payment Transactions In 2022, Billion



## Key Digital Payment Providers, Globally

<b>stripe</b>	Google Pay
<b>PayPal</b> <sup>™</sup>	<b>Braintree</b>
<b>authorize.net</b> A Visa Solution	<b>adyen</b>
<b>venmo</b>	Cash App
<b>flywire</b>	

# List of Top 10 Airports In the World, by Passenger, 2023

Biometric systems streamline airport processes, enhancing speed, convenience, and security for passengers.

Global air passenger numbers reached **8.5 billion** in 2023, a **27%** increase from 2022 and **94%** from 2019.

Hartsfield-Jackson Atlanta International was the busiest airport in 2023, with 104.65 million passengers.

## Top 10 Busiest Airports Globally, By Passengers (In Million), 2023



# Top 10 Countries with the Highest Number of Airports, 2024

Countries		Total Number Of Airports In 2024
United States		15,873
Brazil		4,919
Australia		2,180
Mexico		1,485
Canada		1,425
United Kingdom		1,043
Russia		904
Germany		838
Argentina		756
France		689

# Biometric Adoption Rates in Different Sectors, 2024

Sectors	Adoption Rate	Key Use Cases	Applications Of Biometrics	Applications Of Biometrics
<b>Government</b>	~70%-85%	National ID programs, Border Control, Law Enforcement, Welfare	Facial and Fingerprint Recognition, Iris Scanning	Large-scale Use of Facial, Iris, and Fingerprint Biometrics for Identity Management
<b>Financial Services</b>	~60%-75%	Secure Authentication, Fraud Detection, KYC Processes, ATMs	Fingerprint , Facial and Voice Recognition	Widespread Use of Fingerprint, Facial, and Voice Recognition For Authentication
<b>Healthcare</b>	~50%-60%	Patient ID, Secure Medical Record Access, Drug Dispensing Control	Fingerprint Recognition, Iris Scanning	Fingerprint and Iris Scanning for Identity Verification and Compliance With Privacy Laws
<b>Manufacturing</b>	~35%-45%	Time and Attendance Tracking, Secure Access, Equipment Safety	Fingerprint and Facial Recognition, Biometric Badges	Growing Interest in Facial Recognition, Fingerprint Scanning, and Biometric Badges
<b>Retail</b>	~30%-40%	Customer Identification and Fraud Prevention	Facial Recognition, Palm Scanning	Increased Use of Facial Recognition for Self-checkout, Customer Analytics, Palm Scanning

# Recent Key Developments

## Recent Key Developments



Sep 2024

Smart Biometric Technology Inc. (SBT) developed the world's first multi-function security card, activated by the cardholder's fingerprint through an internal nano fingerprint scanner. The 3-in-1 biometric security card scans the cardholder's fingerprint when the surface sensor is touched, ensuring enhanced security and convenience.

[www.smartbiometrictechnology.com](http://www.smartbiometrictechnology.com)



Sep 2024

Fingerprint Cards AB and Infineon Technologies have introduced SECORA™ Pay Bio, an all-in-one biometric payment card solution meeting Visa and Mastercard standards. The solution integrates Infineon's SLC39B SoC Secure Element and Fingerprints™ FPC1323 sensor, streamlining the production of biometric smart cards and making them as efficient as standard dual-interface cards.

[www.infineon.com](http://www.infineon.com)



Jun 2024

Mastercard expanded its Biometric Checkout Program in Latin America, partnering with Ingenico, Fulcrum Biometrics, Fujitsu Frontech, and Scantech to launch palm-based payments at Tienda Inglesa's Red Expres in Uruguay.

[www.fujitsu.com](http://www.fujitsu.com)



May 2024

NEC Corporation will implement a face recognition payment system at Expo 2025 Osaka, enhancing user convenience with hands-free payments and strengthening security for admission management to prevent identity theft.

[www.nec.com](http://www.nec.com)

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