

worldpay

Retail Global Payments Report

The art and science of retail payments





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For years Worldpay has produced one of the industry's most comprehensive eCommerce payments methods report. Based on your requests, this year's analysis features a focus on retail. In order to provide a full retail picture we've also extended our research to include payment methods at the point of sale: (POS).

2018 saw the retail industry weather difficult challenges. Pureplayers are opening stores while High Street retailers are closing them. Retailers of every size are reorienting to mobile and social as preferred buying channels in many countries. Adapting to these new ways of consumer engagement and buying habits is proving a must to provide the best service. The customer has always been the central piece of every retail strategy discussion.

We can help you understand shopper preferences in the last mile of your conversion funnel—the payment

Technology is once again the main enabler of change. Today's technology offers dazzling innovations, like augmented reality used to reduce returns or chat bots deployed to increase conversion. Further industry disruption is on the horizon and retailers need to realise the imperative to adopt new technologies to adapt to customer needs.

We can help you understand shopper preferences in the last mile of your conversion funnel—the payment. Viewing payments strategically as an essential part of the user experience can help build the trust with your shoppers.

Worldpay's 2019 Retail Global Payments Report examines both the art and science of payments. The report offers a snapshot of payments today and seeks to help retailers navigate what's to come tomorrow.

Whether you're looking to expand your business internationally, optimize your payments mix in existing markets, or simply gain a deeper understanding of the current state of the art (and science) of payments, this report is for you.

I hope you enjoy the report and best of luck in the year ahead.

Maria Prados
VP Global Retail, Worldpay



Global Retail Payment Trends



Global Retail Payments Trends

The ways retail consumers pay today is far from uniform. The payment methods shoppers choose are shaped by local culture, regulatory frameworks and overall economic conditions. Keeping up with the changing demands of customers and technological advances is a strategic necessity. How retailers respond to their shoppers' evolving payment preferences could measurably impact bottom line performance.

Our in-depth analysis of 16 countries from around the world—representing ~80% of global retail eCommerce and ~60% of global retail point of sale footprint—shows that the payment landscape is evolving rapidly in every region.

Mobile commerce is growing faster than any other channel. In the countries sampled in this report, mobile's share of eCommerce is strongest in Asia but is showing growth across regions—81% in China, 60% in Singapore, 54% in the UK, 50% in Italy, and almost 30% in Brazil.*

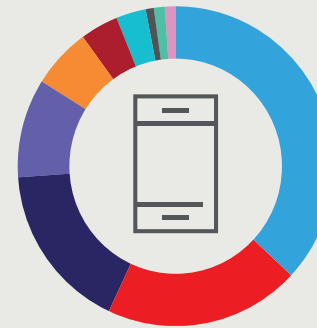
How retailers respond to their shoppers' evolving payment preferences could contribute substantially to bottom line performance

The mobile revolution is fuelling the proliferation of digital and mobile wallets—also known as eWallets—both online and at POS. eWallets account for 37% of retail eCommerce transactions globally in 2018, according to our analysis. eWallets are true disruptors, redefining the landscape of retail payment options in less than a generation.

eWallets are popular all over the world: from Apple Pay to Google Pay, Visa Checkout to Mastercard, Alipay to WeChat Pay and hundreds of smaller local alternatives. Shoppers use eWallets because of the seamless convenience and security they offer. For retailers going forward, finding the right mix of eWallets offerings will be more important than ever.

*Source: Euromonitor International, December 2018

2018
Global eCom retail
payment methods



■ eWallet	37%
■ Credit Card	20%
■ Debit Card	17%
■ Bank Transfer	10%
■ Charge Card	6%
■ Cash on Delivery	4%
■ Pre-Paid Card	3%
■ PostPay	1%
■ eInvoices	1%
■ PrePay	1%

2018
Global POS retail
payment methods



■ Cash	32%
■ Debit Card	27%
■ Credit Card	23%
■ eWallet	12%
■ Charge Card	4%
■ Pre-Paid Card	2%

Data in the charts is based on 16 countries covered in this report, which account for 83% of total global retail eCom value and 64% of global retail POS value.

Despite the rapid growth of eWallets, card payments remain a strong consumer preference both online and at POS. Credit and debit card use among retail shoppers is supported globally by a rising percentage of banked consumers, the draw of value-added services offered by card issuers such as rewards, cash rebates, and discounts, as well as local governments' desire to move consumer economies from cash to digitised payments. These factors contribute to high credit card share in countries as diverse as Turkey, Brazil, Japan and Hong Kong.

Another critical payment innovation that should be top of mind for retailers is the rise of elnvoice services such as Affirm, Klarna and AfterPay. These services offer a new twist on traditional credit by allowing shoppers to buy now and pay later. Shoppers enjoy the flexibility these services offer. Retailers are drawn to these services as they reduce cart abandonment and boost conversion rates.

Furthermore our analysis reveals a multitude of payments habits unique to some countries. For instance, post-pay methods—such as Konbini and Boleto Bancário—still account for around a fifth of all transactions in Japan and Brazil; Italy has one of the largest prepaid card markets in Europe (about 30 million were in circulation in 2018)*; and bank transfer methods are favoured by Dutch shoppers (60% share of eCom transactions).

In addition to the evolution of technology and consumer preferences, regulatory changes are redefining the contours of retail commerce in many countries and regions. For instance, PSD2, which is a mandate to perform 2-factor authentication when shopping online, will have a big impact on retailers operating in the European Economic Area. It should reduce online fraud, but may also add more friction into the checkout flow, which could increase cart abandonment rates.

We project a dynamic market over the next five years with continued strength in card payment share across channels. We also project eWallets and other alternative payment methods supplanting cash, as well as a vibrant FinTech sector delivering seamless and secure innovations in payments.

Marco Chardi
Senior Market Intelligence Manager, Worldpay

*GlobalData, Payments Landscape in Italy: Opportunities and Risks to 2022 _Oct 2018





Market Guides



ARGENTINA

Population
45,000,000

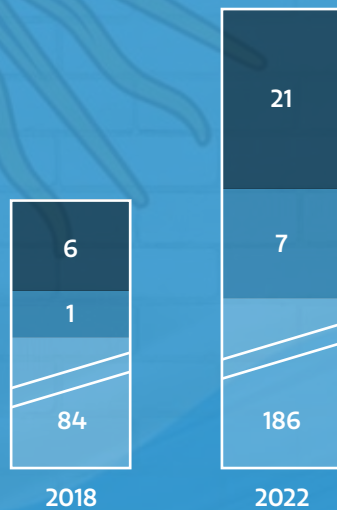
2018 Retail eCom value
as % of total Retail
7%

2018 Retail mCom value
as % of total Retail eCom
23%

2018 Internet
Penetration
81%

2018 Mobile
Penetration
66%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
37%

mCom CAGR
49%

POS CAGR
22%



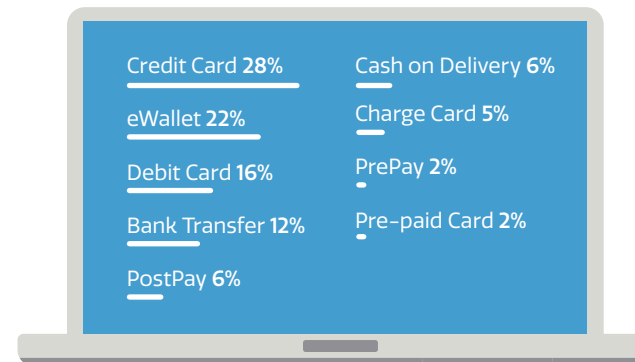
*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

Credit cards are essential: they remain Argentina's leading eCommerce payment method and are second only to cash at the point of sale. The growth of eCom and mCom is making payment methods like **Mercado Pago** and **Rapipago** rise in importance. Shoppers look for convenience, security and availability.

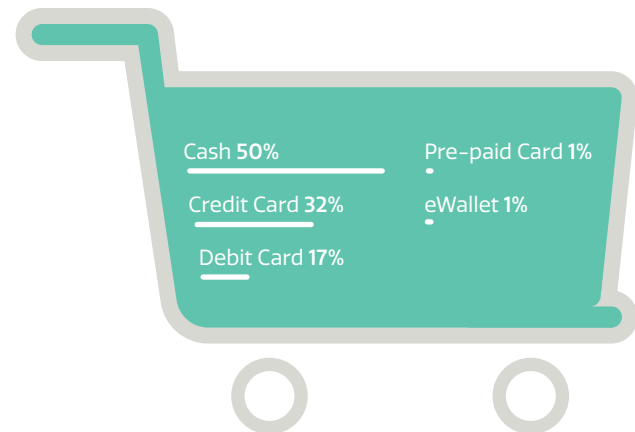
Popular eCom alternative payment methods



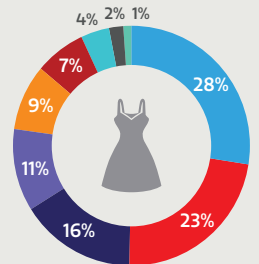
2018 retail eCom payment methods



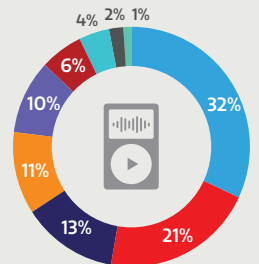
2018 retail POS payment methods



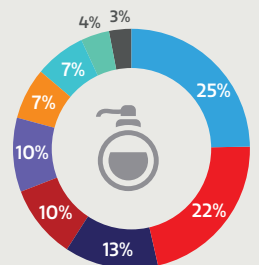
eCom payment methods by product



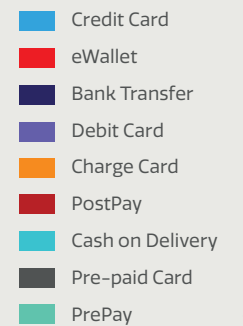
Clothing & Footwear



Electrical Goods



Health & Beauty



AUSTRALIA

Population
25,000,000

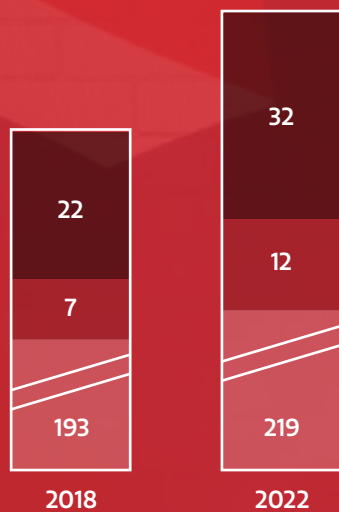
2018 Retail eCom value
as % of total Retail
10%

2018 Retail mCom value
as % of total Retail eCom
31%

2018 Internet
Penetration
88%

2018 Mobile
Penetration
78%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
11%

mCom CAGR
15%

POS CAGR
3%

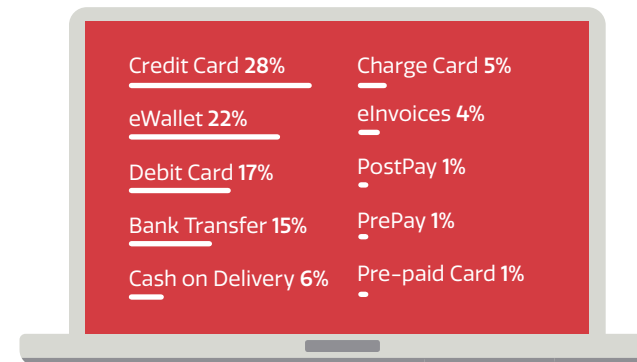


Cards and bank transfer facilities such as **POLi** and **BPAY** dominate online payments down under, accounting for 60% of eCom transactions. eWallets, led by **PayPal**, are popular among shoppers for secure and quick checkout. Look to Australia's New Payments Platform (NPP) to help spur payment innovation.

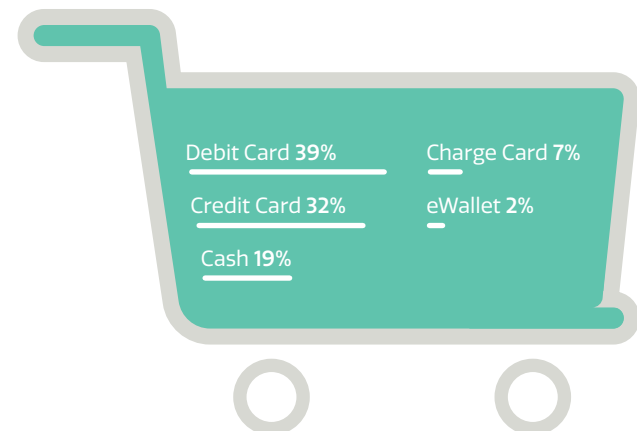
Popular eCom alternative payment methods



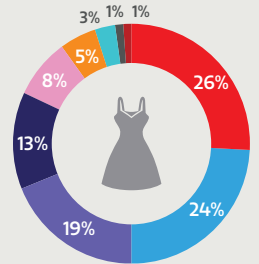
2018 retail eCom payment methods



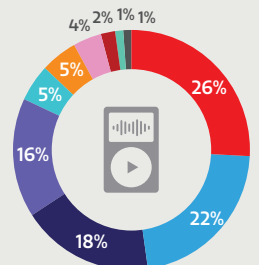
2018 retail POS payment methods



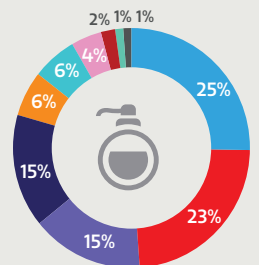
eCom payment methods by product



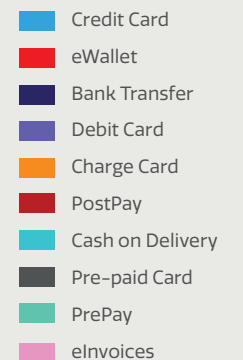
Clothing & Footwear



Electrical Goods



Health & Beauty



*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

BRAZIL

Population
212,000,000

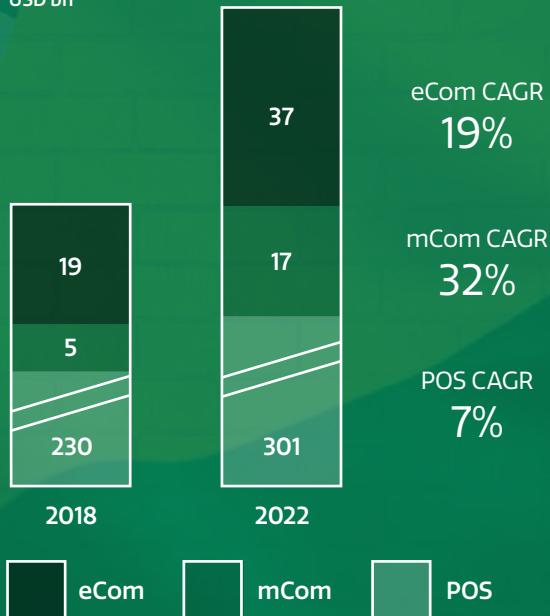
2018 Retail eCom value
as % of total Retail
7%

2018 Retail mCom value
as % of total Retail eCom
29%

2018 Internet
Penetration
71%

2018 Mobile
Penetration
68%

eCom, mCom and POS projected growth
USD bn*



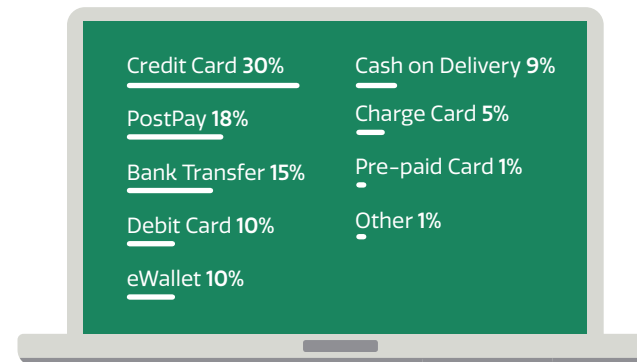
*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

Legislative initiatives and the widespread availability of installment options contribute to the overwhelming dominance of credit cards online. **Boleto Bancário** helps serve Brazil's large unbanked population. eWallets are relatively new in Brazil, leaving cash, credit and debit cards on top in-store.

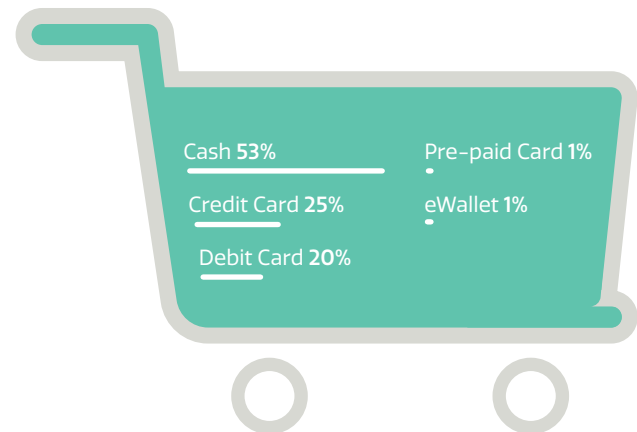
Popular eCom alternative payment methods



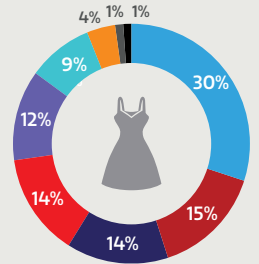
2018 retail eCom payment methods



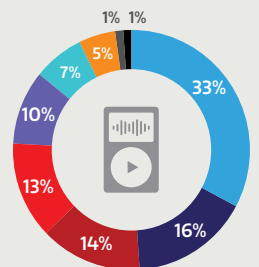
2018 retail POS payment methods



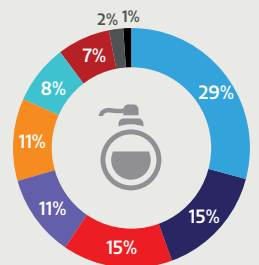
eCom payment methods by product



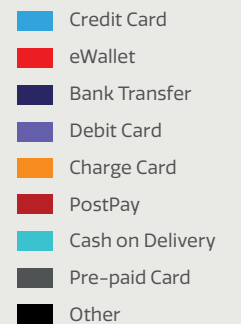
Clothing & Footwear



Electrical Goods



Health & Beauty



CHINA

Population
1,420,000,000

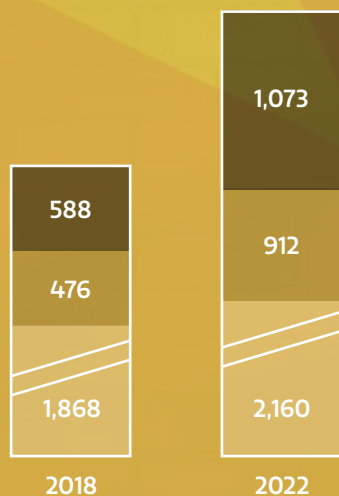
2018 Retail eCom value
as % of total Retail
24%

2018 Retail mCom value
as % of total Retail eCom
81%

2018 Internet
Penetration
57%

2018 Mobile
Penetration
79%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
16%

mCom CAGR
18%

POS CAGR
4%

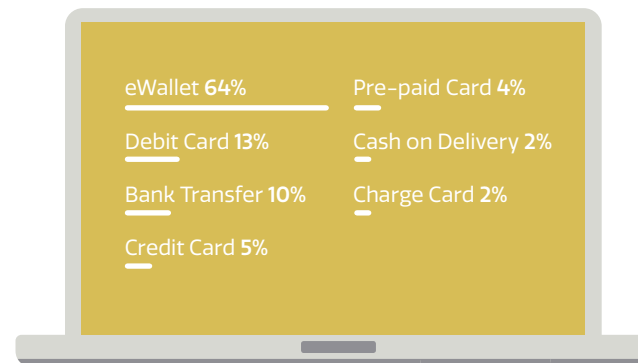
Legend: eCom (dark green), mCom (medium green), POS (light green)

Chinese shoppers are using eWallets in record numbers, accounting for 64% of eCommerce and 40% of in-store payments. **Alipay** and **WeChat Pay** account for more than 90% of all mobile payments. eWallets are a native reality for Chinese shoppers who prefer using their smartphones to pay for low-value transactions.

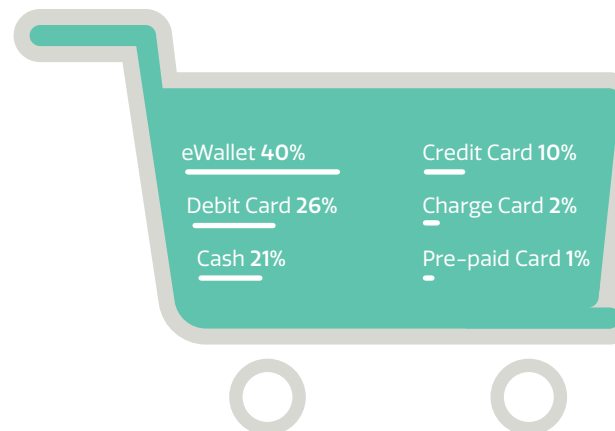
Popular eCom alternative payment methods



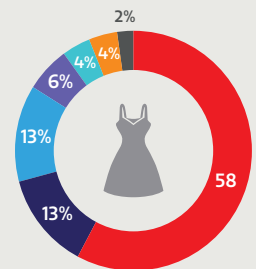
2018 retail eCom payment methods



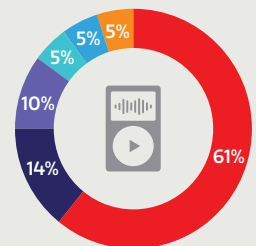
2018 retail POS payment methods



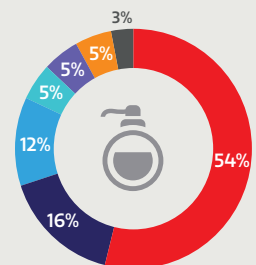
eCom payment methods by product



Clothing & Footwear



Electrical Goods



Health & Beauty

Legend for eCom payment methods by product:

- Credit Card (Blue)
- eWallet (Red)
- Bank Transfer (Dark Blue)
- Debit Card (Purple)
- Charge Card (Orange)
- Cash on Delivery (Cyan)
- Pre-paid Card (Dark Grey)

*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

FRANCE

Population
65,000,000

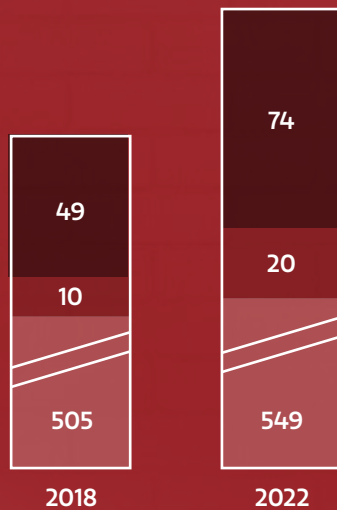
2018 Retail eCom value
as % of total Retail
9%

2018 Retail mCom value
as % of total Retail eCom
21%

2018 Internet
Penetration
93%

2018 Mobile
Penetration
75%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
11%

mCom CAGR
18%

POS CAGR
2%

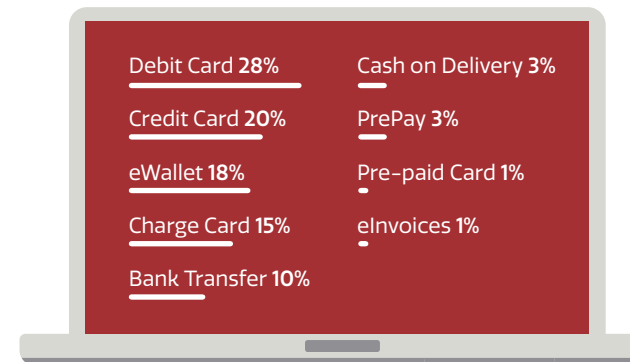


Credit card use remains low among debt-averse French shoppers. eWallets now account for nearly a fifth of French eCommerce spend, while registering just 1% at the point of sale. Expect eWallets such as **Paylib, Lydia, Lyf Pay** and **Apple Pay** to cater to rapid mCommerce growth.

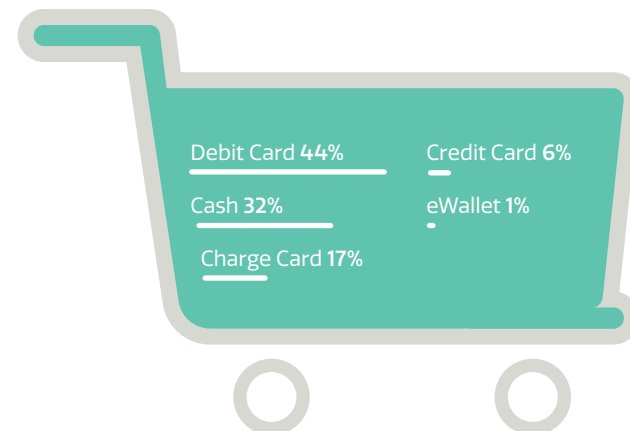
Popular eCom alternative payment methods



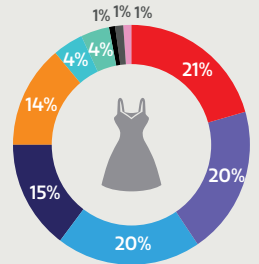
2018 retail eCom payment methods



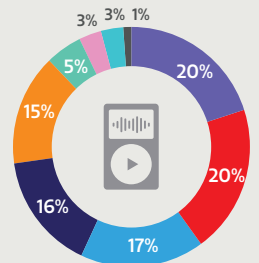
2018 retail POS payment methods



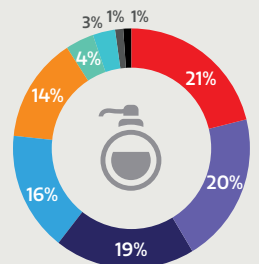
eCom payment methods by product



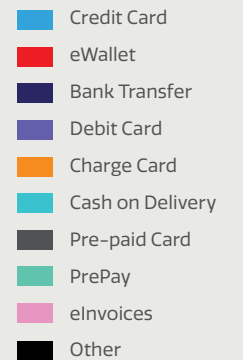
Clothing & Footwear



Electrical Goods



Health & Beauty



GERMANY

Population
82,000,000

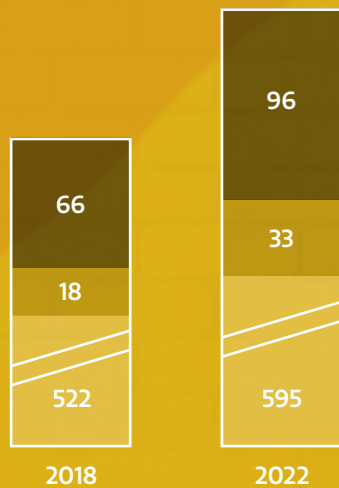
2018 Retail eCom value
as % of total Retail
11%

2018 Retail mCom value
as % of total Retail eCom
27%

2018 Internet
Penetration
96%

2018 Mobile
Penetration
79%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
10%

mCom CAGR
17%

POS CAGR
3%

eCom
 mCom
 POS

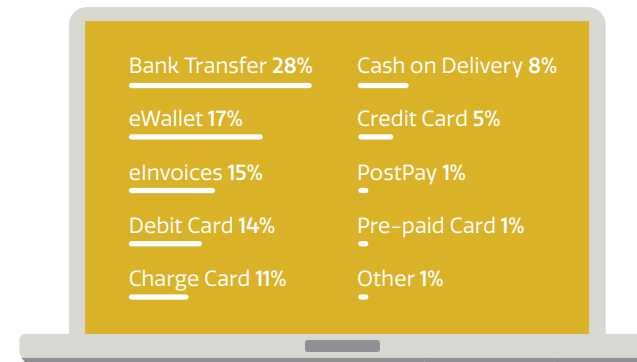
*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

Debt-averse Germans explain the popularity of non-card payment methods such as bank transfer, eWallets and invoicing services such Klarna. Bank transfer facilities including **SOFORT** and **Giropay** are essential for eCommerce. Cash remains the preference among German shoppers in-store.

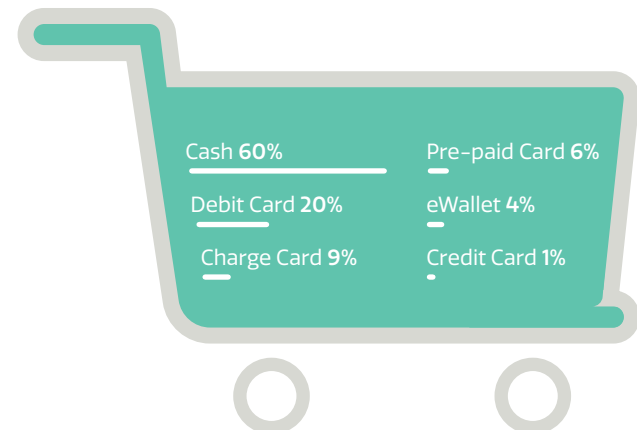
Popular eCom alternative payment methods



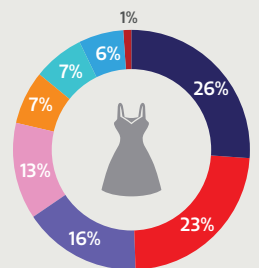
2018 retail eCom payment methods



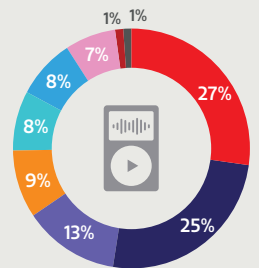
2018 retail POS payment methods



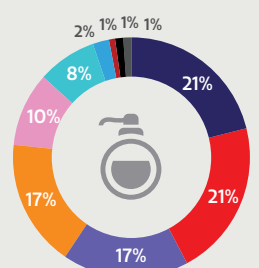
eCom payment methods by product



Clothing & Footwear



Electrical Goods



Health & Beauty

- Credit Card
- eWallet
- Bank Transfer
- Debit Card
- Charge Card
- PostPay
- Cash on Delivery
- Pre-paid Card
- PrePay
- eInvoices
- Other

HONG KONG

Population
7,400,000

2018 Retail eCom value
as % of total Retail
4%

2018 Retail mCom value
as % of total Retail eCom
16%

2018 Internet
Penetration
87%

2018 Mobile
Penetration
83%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
18%

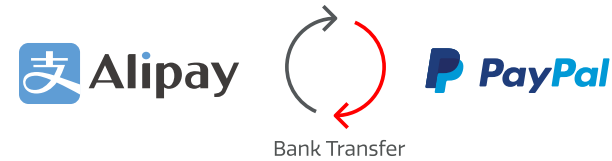
mCom CAGR
34%

POS CAGR
4%

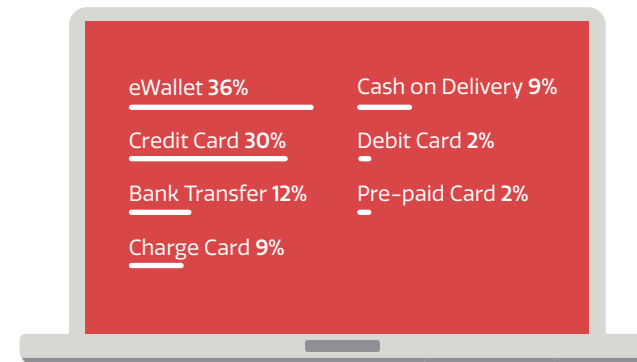
eCom
 mCom
 POS

Credit cards lead both online and in-store. Shoppers in Hong Kong are beginning to embrace eWallets, a trend likely to grow as **Alipay** and **WeChat Pay** gain more traction. High credit card penetration benefits from card rewards and ease of use for cross-border purchases.

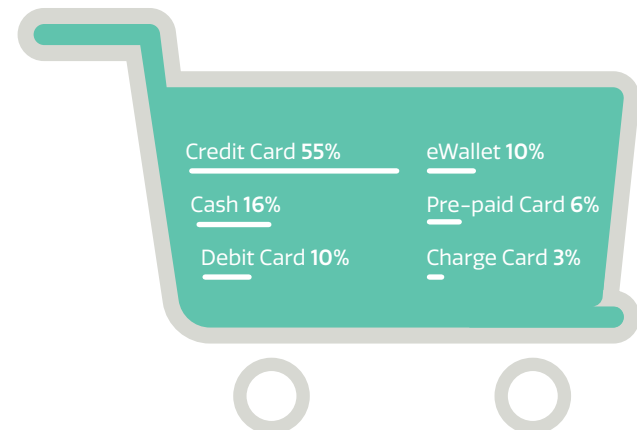
Popular eCom alternative payment methods



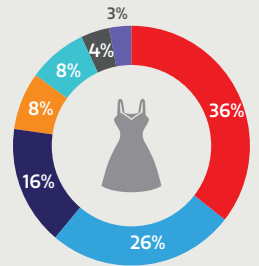
2018 retail eCom payment methods



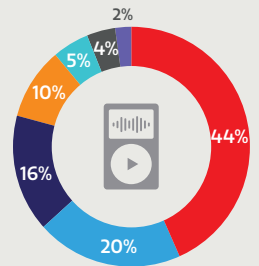
2018 retail POS payment methods



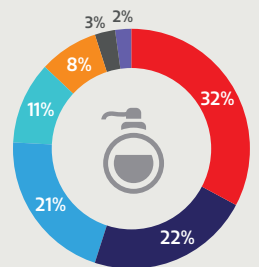
eCom payment methods by product



Clothing & Footwear



Electrical Goods



Health & Beauty

- Credit Card
- eWallet
- Bank Transfer
- Debit Card
- Charge Card
- Cash on Delivery
- Pre-paid Card

*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

ITALY

Population
59,000,000

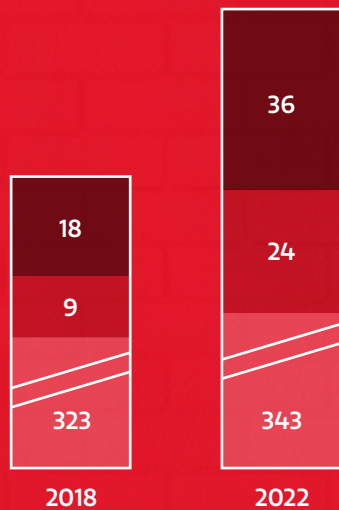
2018 Retail eCom value
as % of total Retail
5%

2018 Retail mCom value
as % of total Retail eCom
50%

2018 Internet
Penetration
92%

2018 Mobile
Penetration
83%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
19%

mCom CAGR
27%

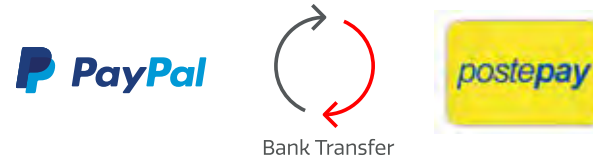
POS CAGR
2%



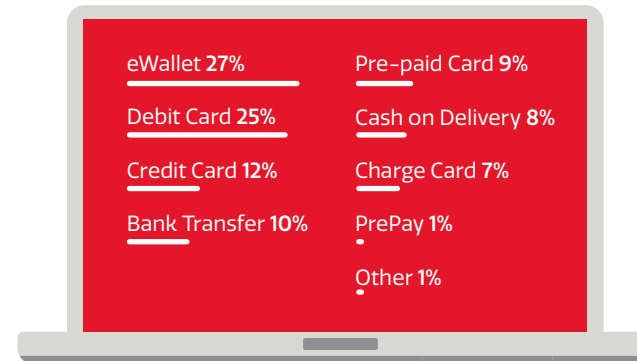
*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

eWallets such as **PayPal** and **Postepay** are gaining the favour of Italians when shopping online due to security and convenience, accounting for 27% of eCommerce payments. Italy's prepaid card market is among the largest in Europe owing to their popularity online—approximately 30 million prepaid cards were in circulation in 2018.

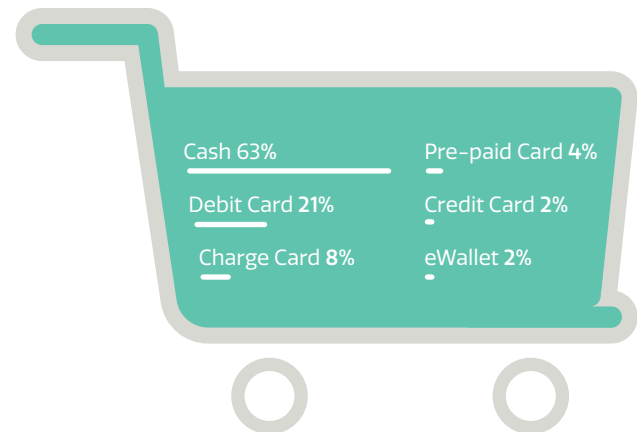
Popular eCom alternative payment methods



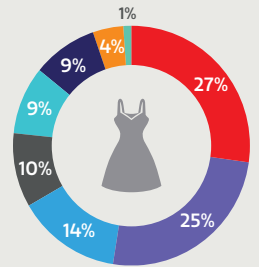
2018 retail eCom payment methods



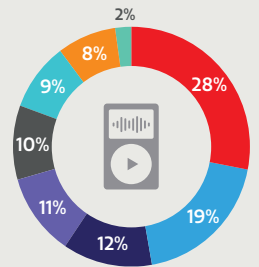
2018 retail POS payment methods



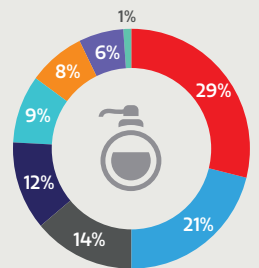
eCom payment methods by product



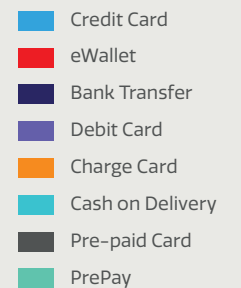
Clothing & Footwear



Electrical Goods



Health & Beauty



JAPAN

Population
127,000,000

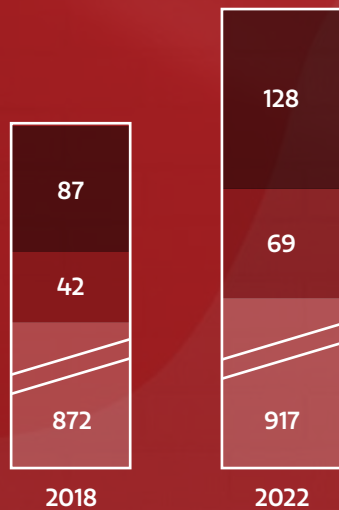
2018 Retail eCom value
as % of total Retail
9%

2018 Retail mCom value
as % of total Retail eCom
48%

2018 Internet
Penetration
93%

2018 Mobile
Penetration
79%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
10%

mCom CAGR
13%

POS CAGR
1%

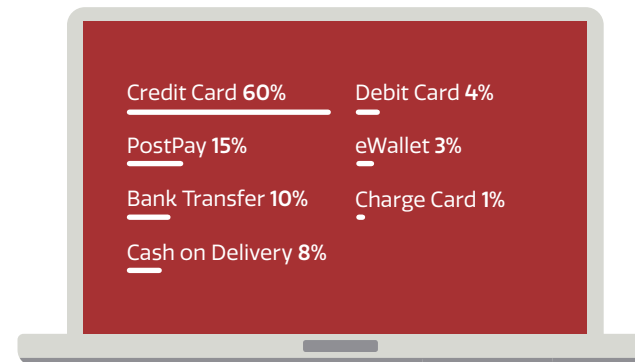


Despite being historically tech-savvy, Japanese shoppers overwhelmingly prefer to pay for in-store purchases with cash and credit cards. **Credit cards** are also popular in online shopping; together with **Konbini** they account for around 75% of all transactions. Debit card usage is largely confined to cash withdrawals.

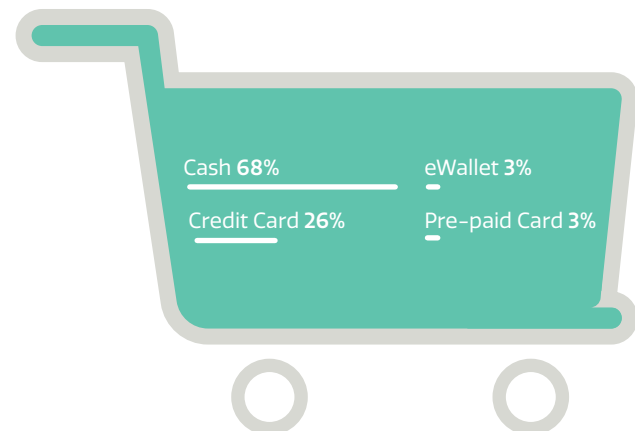
Popular eCom alternative payment methods



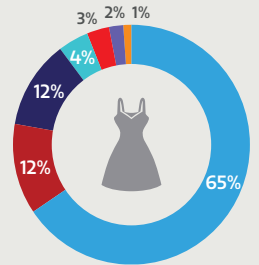
2018 retail eCom payment methods



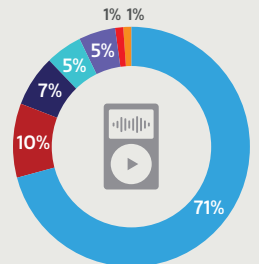
2018 retail POS payment methods



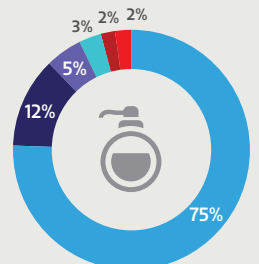
eCom payment methods by product



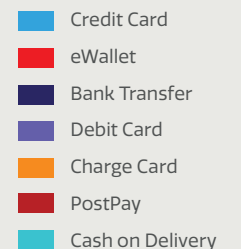
Clothing & Footwear



Electrical Goods



Health & Beauty



*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

NETHERLANDS

Population
17,000,000

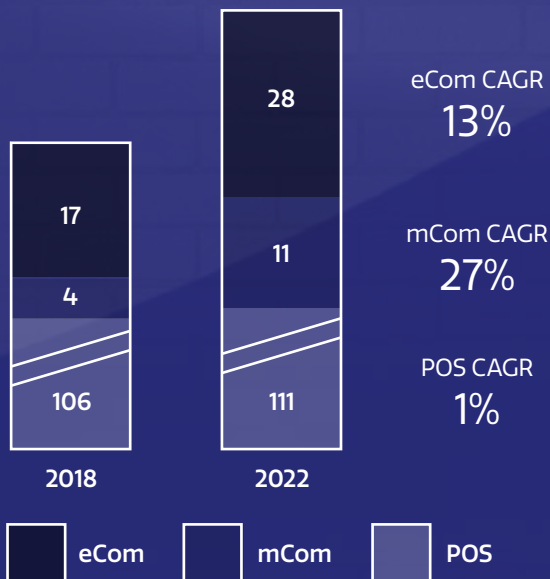
2018 Retail eCom value
as % of total Retail
14%

2018 Retail mCom value
as % of total Retail eCom
25%

2018 Internet
Penetration
96%

2018 Mobile
Penetration
80%

eCom, mCom and POS projected growth
USD bn*

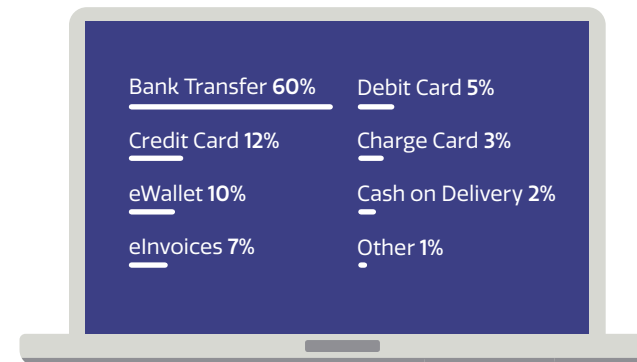


The Dutch prefer **iDEAL** for eCommerce as it is supported by all major banks, offers convenience and security, and can be used for cross-border purchases. eInvoice services such as **Klarna** and **AfterPay** are gaining traction because of the flexibility they offer shoppers to "buy now, pay later."

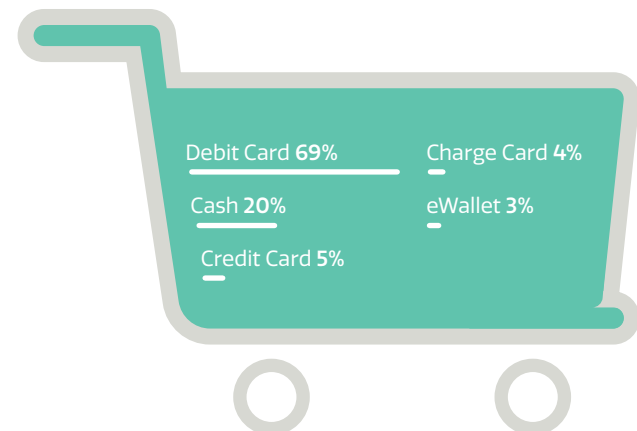
Popular eCom alternative payment methods



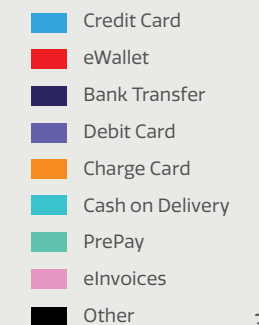
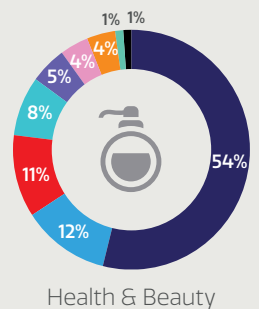
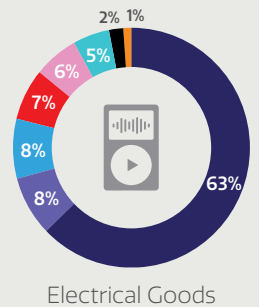
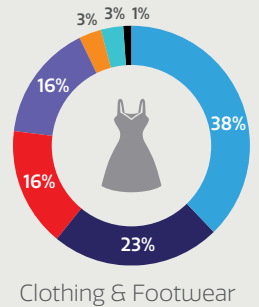
2018 retail eCom payment methods



2018 retail POS payment methods



eCom payment methods by product



*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

NEW ZEALAND

Population
5,000,000

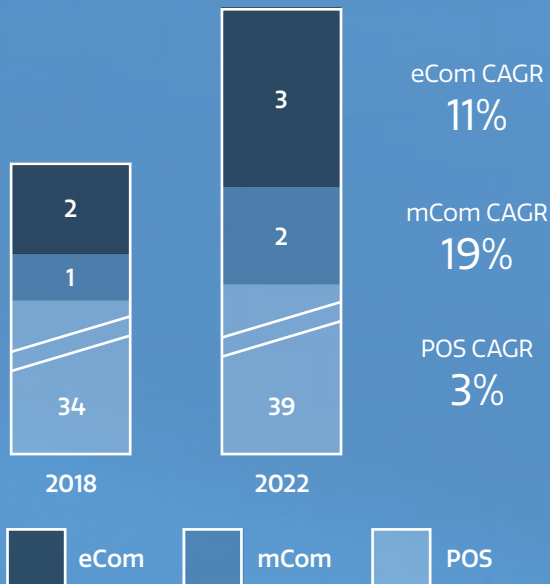
2018 Retail eCom value
as % of total Retail
6%

2018 Retail mCom value
as % of total Retail eCom
36%

2018 Internet
Penetration
88%

2018 Mobile
Penetration
73%

eCom, mCom and POS projected growth
USD bn*

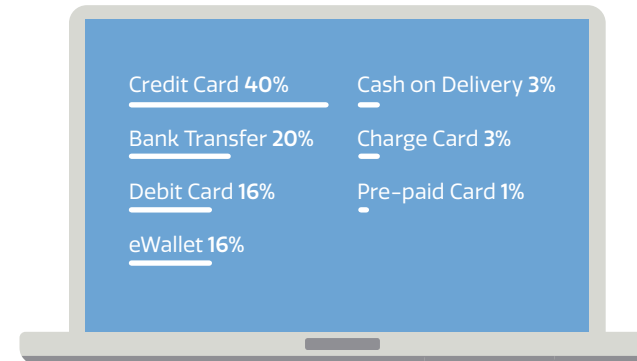


New Zealanders rely on credit cards online and debit cards in-store. Contactless payments and a high banked population are driving card penetration. Alternative payments are popular especially with eCommerce. Besides **PayPal**, **POLi** and **Visa Checkout**, new payment methods are emerging including the expansion online of **EFTPOS**.

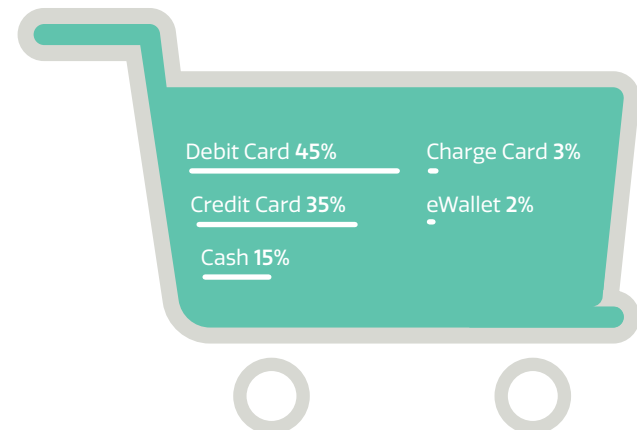
Popular eCom alternative payment methods



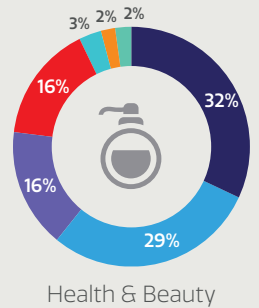
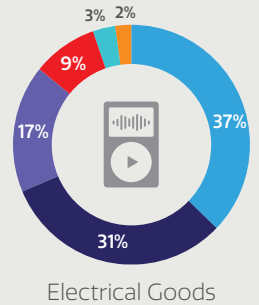
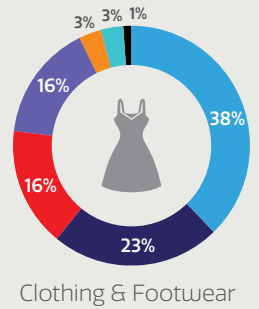
2018 retail eCom payment methods



2018 retail POS payment methods



eCom payment methods by product



- Credit Card
- eWallet
- Bank Transfer
- Debit Card
- Charge Card
- Cash on Delivery
- PrePay
- Other

*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

SINGAPORE

Population
6,000,000

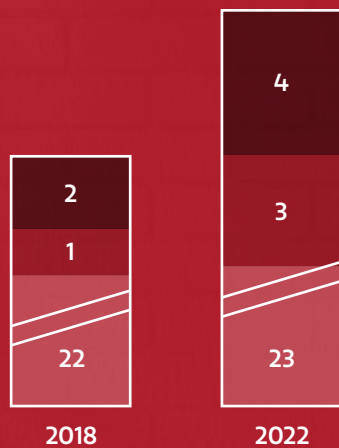
2018 Retail eCom value
as % of total Retail
8%

2018 Retail mCom value
as % of total Retail eCom
60%

2018 Internet
Penetration
84%

2018 Mobile
Penetration
82%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
17%

mCom CAGR
20%

POS CAGR
2%

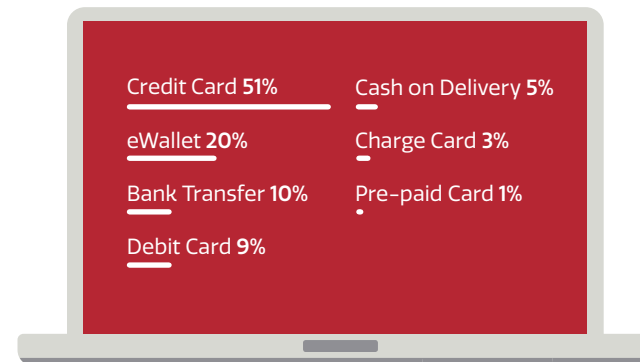


Singapore shoppers like using cards because of the value-added services and convenience they offer. New eWallets introduced to the market in the past five years include **Apple Pay, Google Pay, Samsung Pay, Dash, NETSPay** and **Liquid Pay**. Strong retail mCommerce growth should give eWallets a lift.

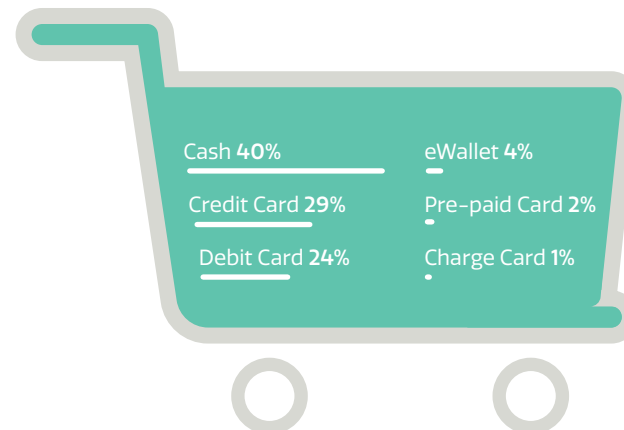
Popular eCom alternative payment methods



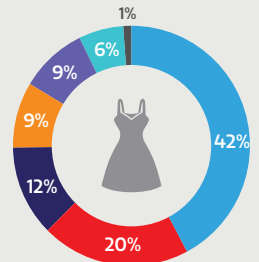
2018 retail eCom payment methods



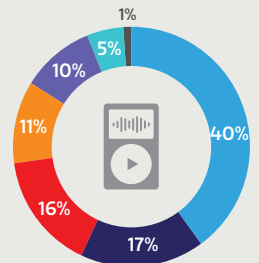
2018 retail POS payment methods



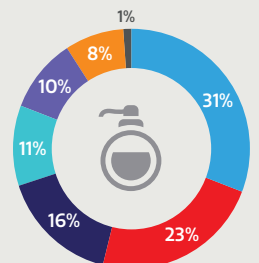
eCom payment methods by product



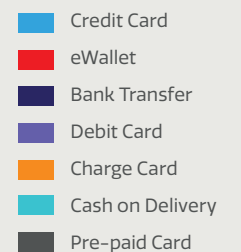
Clothing & Footwear



Electrical Goods



Health & Beauty



*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

SPAIN

Population
46,000,000

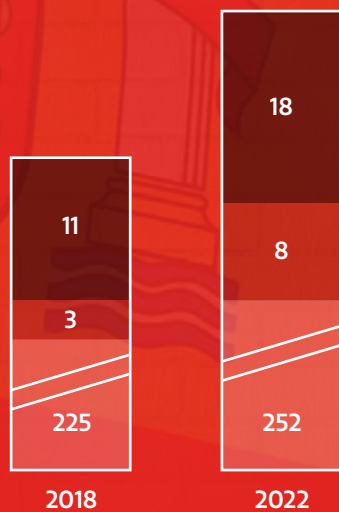
2018 Retail eCom value
as % of total Retail
5%

2018 Retail mCom value
as % of total Retail eCom
26%

2018 Internet
Penetration
93%

2018 Mobile
Penetration
80%

eCom, mCom and POS projected growth
USD bn*



eCom CAGR
12%

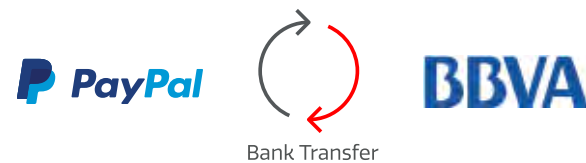
mCom CAGR
31%

POS CAGR
3%

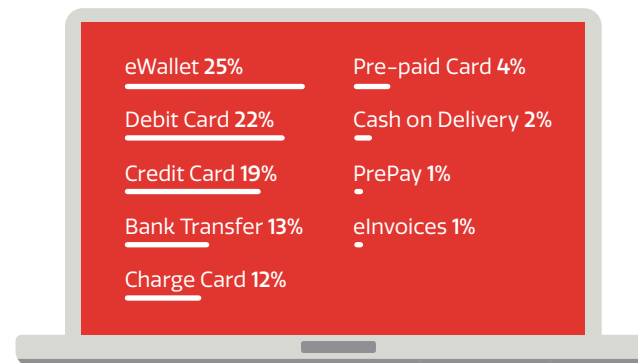


Spanish shoppers embrace all types of cards including charge cards, which have a fixed payment timeline. eWallets such as **PayPal**, **BBVA Wallet** and the recently launched **Bizum** account for around a quarter of all online transactions and are set to grow further.

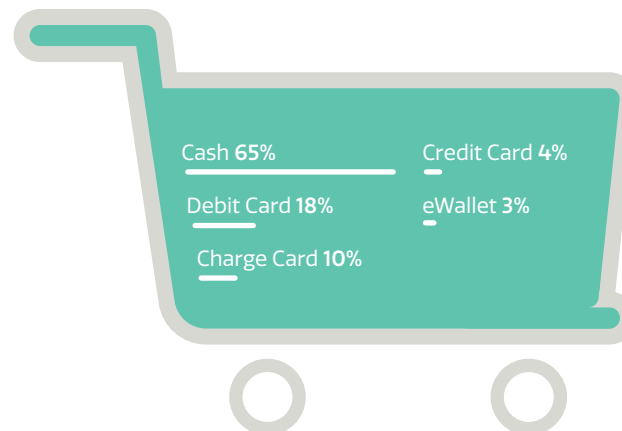
Popular eCom alternative payment methods



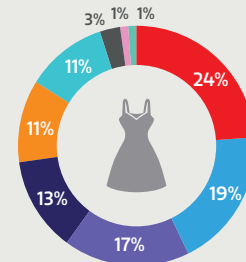
2018 retail eCom payment methods



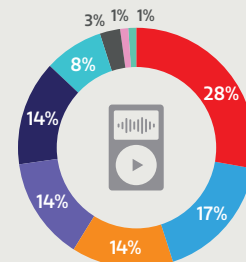
2018 retail POS payment methods



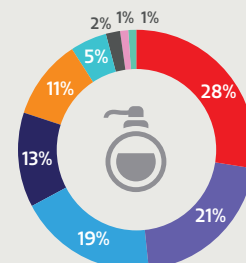
eCom payment methods by product



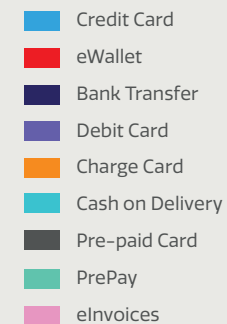
Clothing & Footwear



Electrical Goods



Health & Beauty



TURKEY

Population
83,000,000

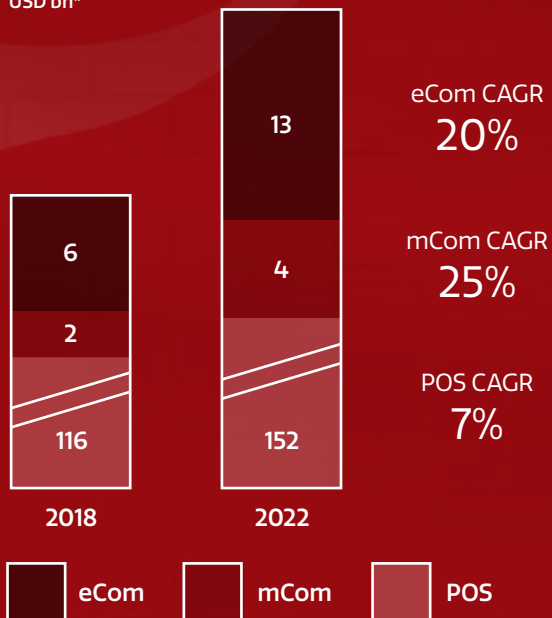
2018 Retail eCom value
as % of total Retail
5%

2018 Retail mCom value
as % of total Retail eCom
27%

2018 Internet
Penetration
68%

2018 Mobile
Penetration
73%

eCom, mCom and POS projected growth
USD bn*

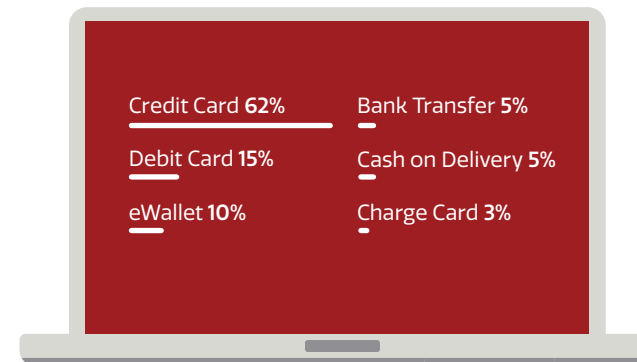


High card penetration is owed to government initiatives to improve infrastructure and promote financial awareness. Turkish shoppers prefer credit cards online, accounting for 62% of eCommerce spend. Shoppers' preference for delayed payments and rewards programs make credit cards appealing.

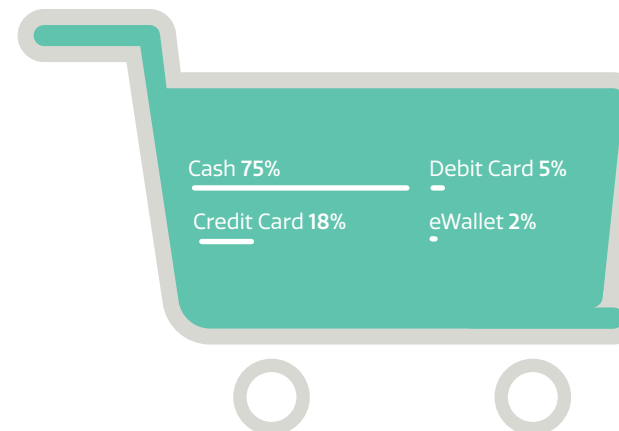
Popular eCom alternative payment methods



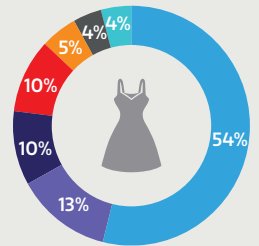
2018 retail eCom payment methods



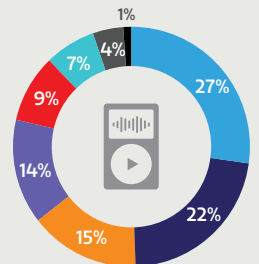
2018 retail POS payment methods



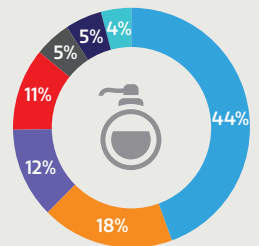
eCom payment methods by product



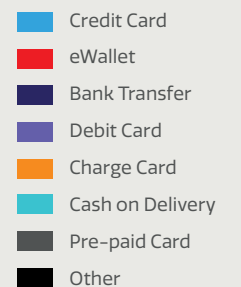
Clothing & Footwear



Electrical Goods



Health & Beauty



*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

Population
67,000,000

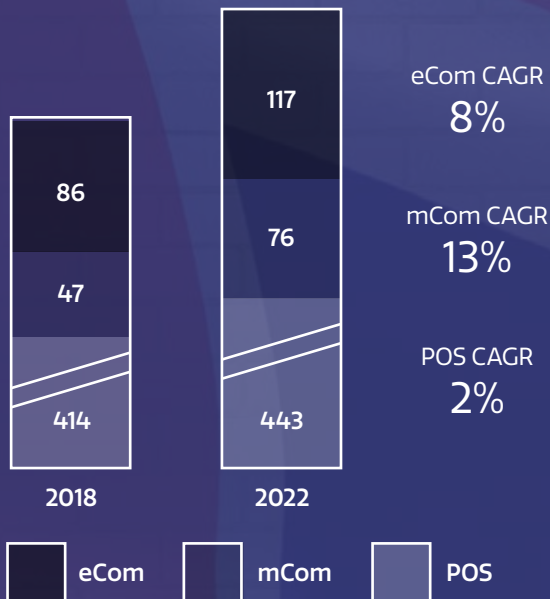
2018 Retail eCom value
as % of total Retail
17%

2018 Retail mCom value
as % of total Retail eCom
54%

2018 Internet
Penetration
95%

2018 Mobile
Penetration
75%

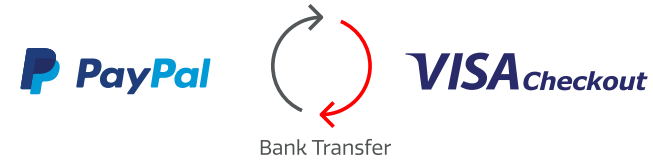
eCom, mCom and POS projected growth USD bn*



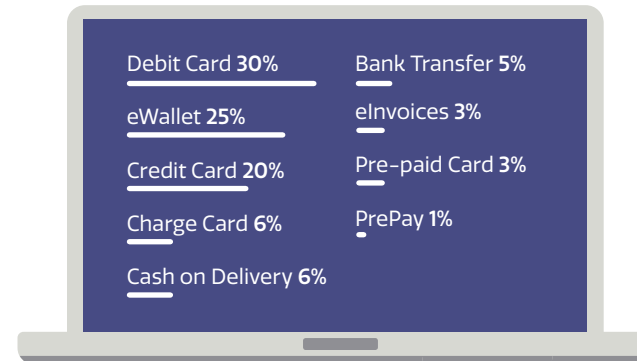
*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

eWallets such as **PayPal** and **Visa Checkout** now account for 25% of eCommerce and 5% of POS spend. The boom in contactless payments has fuelled eWallet growth. Cards see heavy penetration online and at the POS but alternatives like eWallets and eInvoices are increasingly preferred by UK shoppers online.

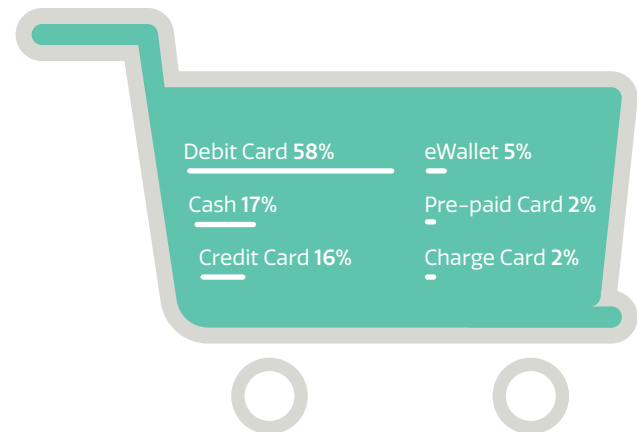
Popular eCom alternative payment methods



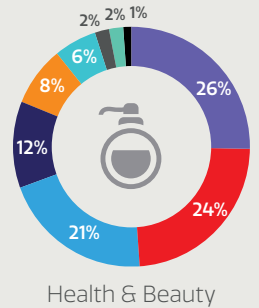
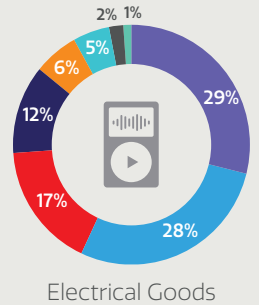
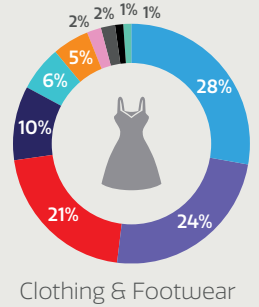
2018 retail eCom payment methods



2018 retail POS payment methods



eCom payment methods by product



- Credit Card
- eWallet
- Bank Transfer
- Debit Card
- Charge Card
- Cash on Delivery
- Pre-paid Card
- PrePay
- eInvoices
- Other

USA

Population
329,000,000

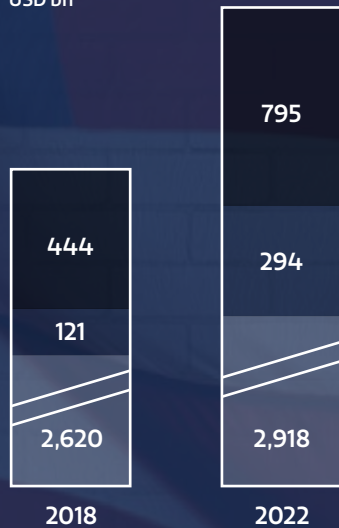
2018 Retail eCom value
as % of total Retail
14%

2018 Retail mCom value
as % of total Retail eCom
27%

2018 Internet
Penetration
88%

2018 Mobile
Penetration
72%

eCom, mCom and POS projected growth USD bn*



eCom CAGR
16%

mCom CAGR
25%

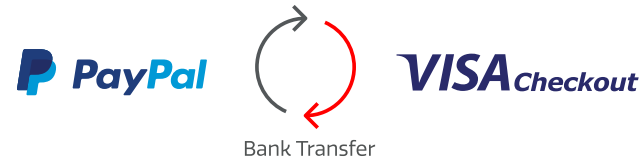
POS CAGR
3%



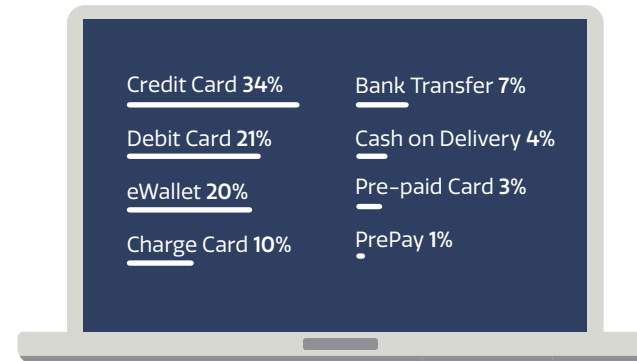
*Numbers have been rounded to nearest digit. CAGRs are 2018 to 2022.

Credit and debit cards are the leading payment methods for US shoppers, no matter how they shop. But as mobile wallets expand online and eWallets user experience is improving (eg. new PayPal Checkout), the use of alternative payments are set to increase.

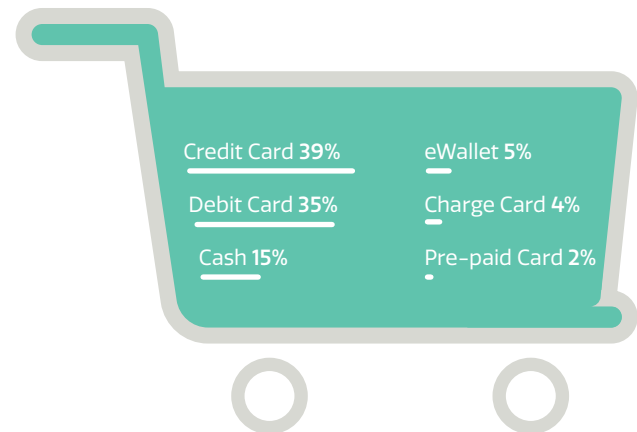
Popular eCom alternative payment methods



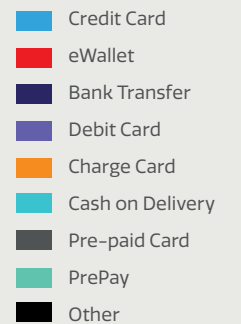
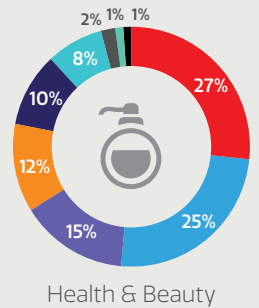
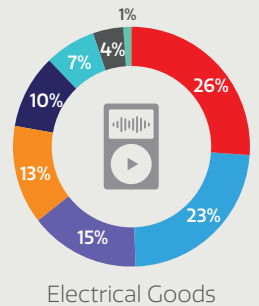
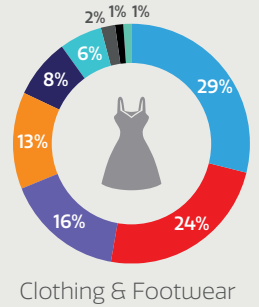
2018 retail eCom payment methods



2018 retail POS payment methods



eCom payment methods by product



Methodology



Worldpay's Retail Global Payment Report provides a useful at-a-glance snapshot of the current retail commerce payment landscape, online and at the point of sale, in 16 selected countries, as well as highlighting scenarios and trends over the next five years.

This report draws upon Worldpay's decades of experience providing retail payment solutions to hundreds of thousands of retailers around the world. It asserts Worldpay's own view of the market based on internal expertise, our own research and third-party vendor data. This work benefits from the strength of our growing team of payments experts based around the globe.

Worldpay's market intelligence team developed this report using our proprietary data model and categorisation scheme. Our models utilize data from third-party vendors and open source documents. The results are rigorously tested and validated by Worldpay's product and regional commercial teams. The retail market figures contained in this report were sourced from Euromonitor, the industry's leading market data and intelligence provider.

The payment methods breakdown is calculated using a data model developed by Worldpay using data from GlobalData's 2018 Consumer Payments Insights Survey of 45,000 consumers in 31 countries, and reports from Statista and yStats.

Additional secondary sources for this report include local card banking and payments associations; card scheme and payment providers; eCommerce industry reports and studies; news articles; and international organizations including the World Bank and United Nations.

All predictions and conclusions are indicative only and based on current data. They are naturally subject to changes in world events and market dynamics over the period concerned (to 2022).

Payment Terms

Alternative Payment methods

Methods of payment that are not linked to the global card brand networks such as Visa, Mastercard, or American Express.

Bank Transfers

Consumers pay for goods using their online banking facility. They are either redirected to their bank or select their bank from a provider's page.

Examples: iDEAL, SOFORT banking, eNETS, Przelewy24, SafetyPay

Cash on Delivery

A transaction in which a payment for goods is made at the time of delivery.

Examples: Merchant and bespoke delivery company services

Charge & Deferred Debit Cards

A pay-later card that charges no interest but requires the cardholder to pay the outstanding balance in full upon receipt of the statement, typically on a monthly basis. This includes deferred debit cards.

Examples: American Express

Credit Cards

Credit cards are backed by major card brands and allow consumers to make purchases on credit.

Debit Cards

Debit cards are backed by major card brands and draw funds directly from a consumer's bank account.

EFTPOS

Stands for Electronic Funds Transfer at Point Of Sale.

eInvoices

When using eInvoices, consumers can pay for goods after delivery, without sharing credit card or bank details.

Examples: Klarna, AfterPay

eWallets

An electronic card used for transactions made online through a computer or a smartphone, like a credit card or debit card. When used with a smartphone, consumers store the credentials of their preferred card for payments and use biometrics to authorize the transaction.

Examples: Alipay, Tenpay, PayPal, Qiwi, Yandex.Money

In-store

Often used interchangeably with "point of sale". All transactions that occur at the physical point of sale.

Internet penetration

Anyone currently in capacity to use the Internet.

Mobile Penetration

Unique individuals using mobile phones of any type as a percentage of total population regardless of age.

Others

These include mobile carrier billing, crypto-currencies and other emerging technologies.

Examples: Bitcoin, Zong, BOKU

Point of sale (POS)

All transactions where the card is present.

Population

Overall total population (both sexes and all ages).

Pre-Paid Cards

These are cards that run on scheme networks such as Visa and Mastercard. These cards can be used to make purchases or withdraw cash in the same way as a debit or credit card.

Examples: Virgin Money

PrePay

Allows consumers to fund a card and make purchases without a credit card or bank account.

Examples: paysafecard, Neosurf

PostPay

When a consumer selects a product online, they pay for it later at an affiliated outlet or store.

Examples: Konbini, Boleto Bancario



About Worldpay

Worldpay, Inc. (NYSE: WP; LSE: WPY) is a leading payments technology company with a unique capability to power global integrated omni-commerce. With industry-leading scale and an unmatched integrated technology platform, Worldpay offers clients a comprehensive suite of products and services globally, delivered through a single provider.

Worldpay processes over 40 billion transactions annually through more than 300 payment types across 146 countries and 126 currencies. The company's growth strategy includes expanding into high-growth markets, verticals and customer segments, including global eCommerce, Integrated Payments and B2B.

Worldpay, Inc. was formed in 2018 through the combination of the No. 1 merchant acquirers in the U.S. and the U.K. Worldpay, Inc. trades on the New York Stock Exchange as "WP" and the London Stock Exchange as "WPY."

[worldpay.com](https://www.worldpay.com)

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