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- You can download this presentation at <u>www.cimigo.com</u>.







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US\$364 billion GDP 2.58% growth



US\$3,691 GDP/capita



Internet economy US\$21 billion 5.8% of GDP



Retail sales goods & services US\$200 billion -8.5% decline



64 million users



70.4 million users

2021 progress | despite COVID



73% internet national all



97% smartphone national adults 15+



US\$1.31 billion all advertising



1,050 new vehicles per day*. -3% decline



10,440 new apartments HCMC, HN, DN -44% decline

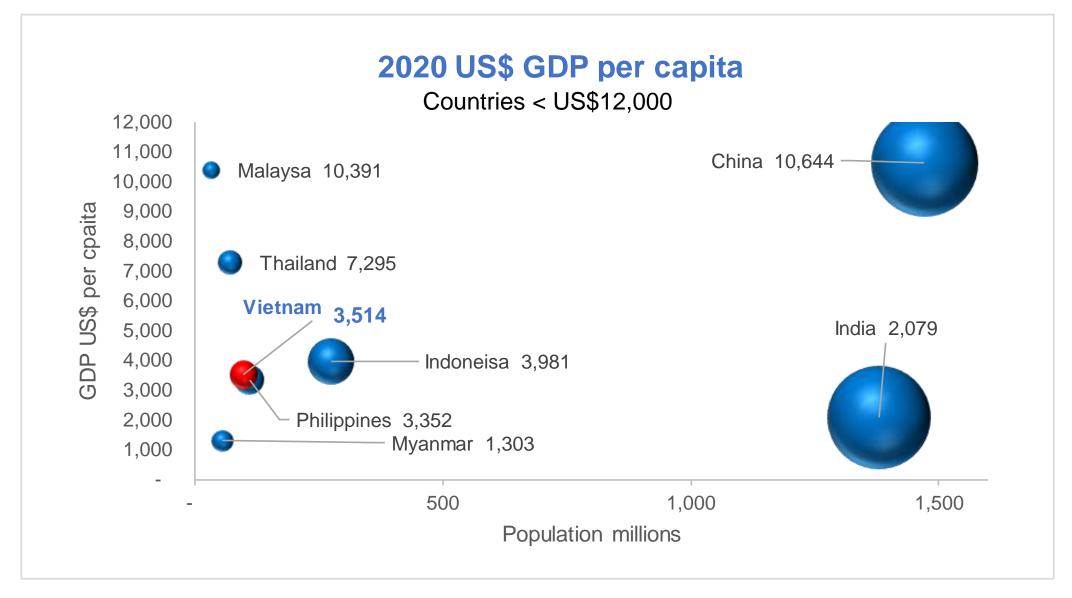


70% banked national adults 18+

Vietnam is the 4th largest economy in SE Asia

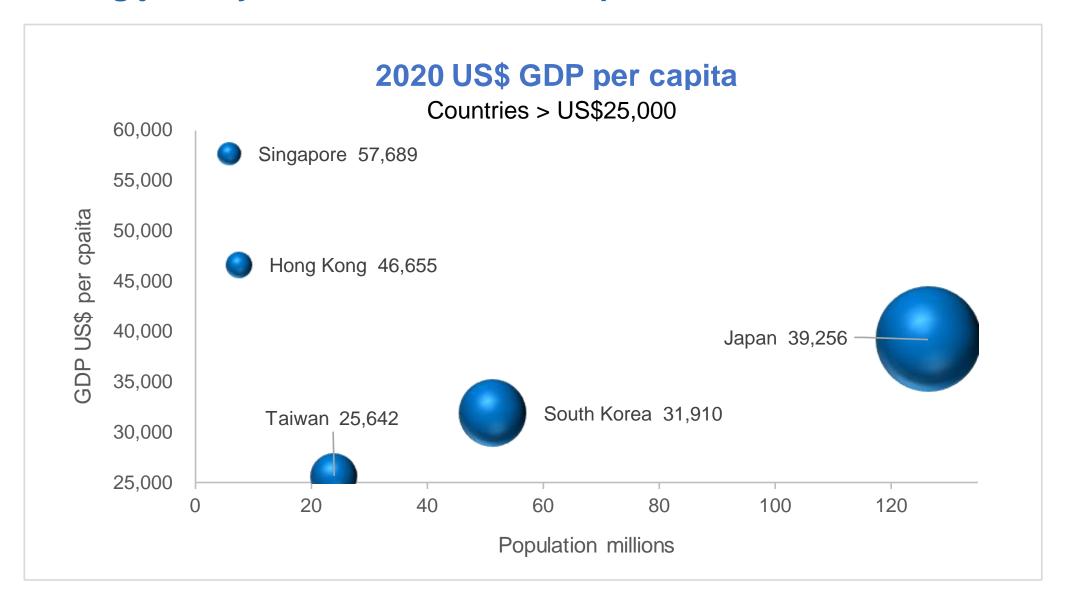


In absolute size Vietnam has now surpassed Singapore and Malaysia





A long journey ahead to reach developed economies





2021 ECONOMIC PERFORMANCE

VS. 2020





4.8%
Industrial production
YoY growth



-8.5%
Retail sales goods
and services YoY growth



US\$ 337 bn Exports goods 2021



52.5

December 2021 manufacturing purchasing managers index



101.84

2021 YoY consumer price index



US\$ 19.74 bn

2021 YTD foreign direct investment disbursement



US\$ 332 bn

Imports goods 2021

2022 GDP growth forecast 6.5%









 Manufacturers are optimistic that output will expand over the coming year. Shipping and labour shortages continue to hamper operations.



Vietnam leads on global trade interconnectivity



- Free trade agreements abound. Vietnam leads the charts on global trade interconnectivity. Vietnam global interconnectivity in 2021 was 184%.
 - Up from 154% in 2020.
 - Interconnected global trade is defined as imports plus exports as a % of GDP.
- Minimum monthly wages today in Saigon are US\$191, just 62% of the minimum in Guangzhou at US\$308.



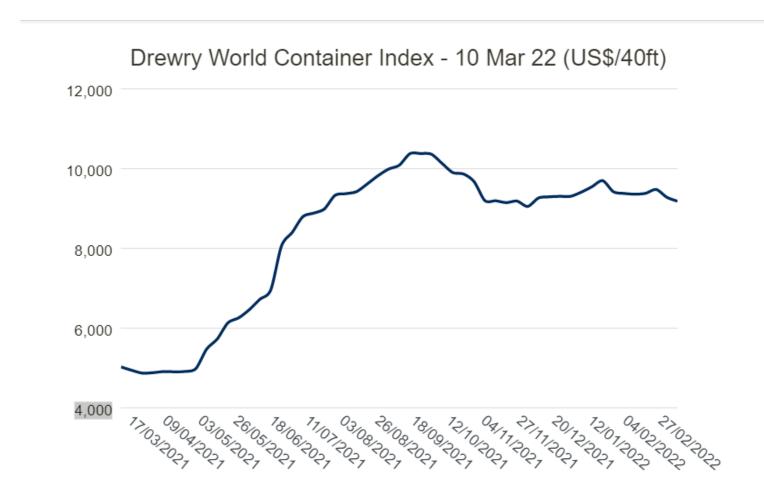


Vietnam is the 4th largest economy in SE Asia. The most interconnected trading nation globally.



Impacting export capacity: Shipping container costs up massively

- The average composite index of the WCI, assessed by Drewry for year-to-date, is US\$9,180 per 40ft container.
- In March 2020 it was under US\$2,000.







2020 1.6 million less jobs

> 2020 Cimigo estimate that household incomes dropped 12%

2021 4.1 million less jobs

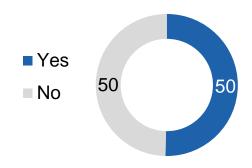
2021 Cimigo estimate that household incomes dropped 38%

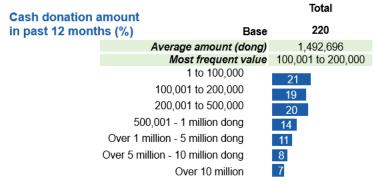
Vietnamese are very philanthropic

- 50% of residents in HCMC and Hanoi gave donations during 2021.
- The majority (83%) donated more than twice in the past 12 months and money is the most popular form of contribution.
- 8 in 10 donors contributed to Covid-19 support in past 12 months and 46% increased charitable giving during Covid.
- The average value per cash donation was US\$64 and of food and other gifts US\$48.







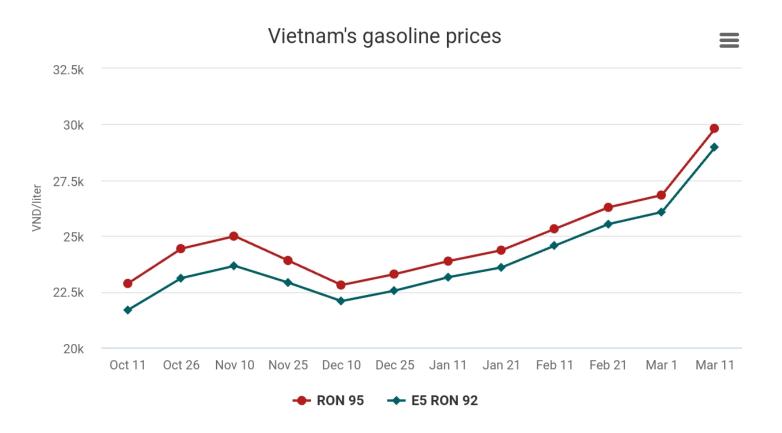


Spending for buying food,	Base	157
clothes, books,	Average amount (dong) Most frequent value	1,117,207 500,001 - 1 mil
and other gifts to donate (%)	1 to 100,000	9
(70)	100,001 to 200,000	12
	200,001 to 500,000	23
	500,001 - 1 million dong	23
	Over 1 million - 5 million dong	19
	Over 5 million - 10 million dong	11
	Over 10 million	3



Petrol price rises will exert pressure on consumer confidence

- Consumers feel raising petrol prices fast and this hits consumer confidence.
- Raising transport costs will trickle down to the majority of the basket included the consumer price index.







- Supply chain disruptions and increased costs for grain, fertiliser and fuel.
- Inflation pressure will likely push Vietnam's CPI to 4.5% in 2022.
- 646,524 inbound Russian tourists visited Vietnam in 2019. The 6th largest source after China, S Korea, Japan, Taiwan and US.
 - China's travel restrictions will have a far greater impact on an inbound tourism recovery (5,806,425 in 2019).
- Russian and Ukrainian trade with Vietnam represents 1.1% of Vietnam's total international trade.
- Direct investments from Russia and Ukraine are negligible at 0.3% of total foreign investment.



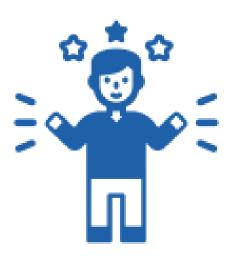
Confidence is the biggest barrier to growth



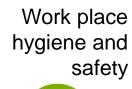
Full vaccination













Consumer confidence 30% above all time low in Sept 2021.

But 30% lower than in 2019.



Income security
If lock down
repeated.











Back to school



Medical costs and income protection if infected.

Domestic consumer demand shrank in 2020 and 2021





Outbound travel



Out of home entertainment



Domestic travel



Eating out of home



Spa and beauty services

Shrank in 2020 and 2021



Apartments



Car



Two-wheeler



Home appliances



Fashion



Devices



Home furnishing

Will endure

Domestic consumer demand accelerated in 2020 and 2021

















Online shopping

CPG down trading thrifty options

Delivery and ride hailing

Gaming

Content streaming

E-wallets

Ed tech

Accelerated growth in 2020 and 2021



Hygiene Sanitiser, mask, soap, wash, mouthwash



CPG packed food



Health supplements



Books, stationery



Electrical accessories



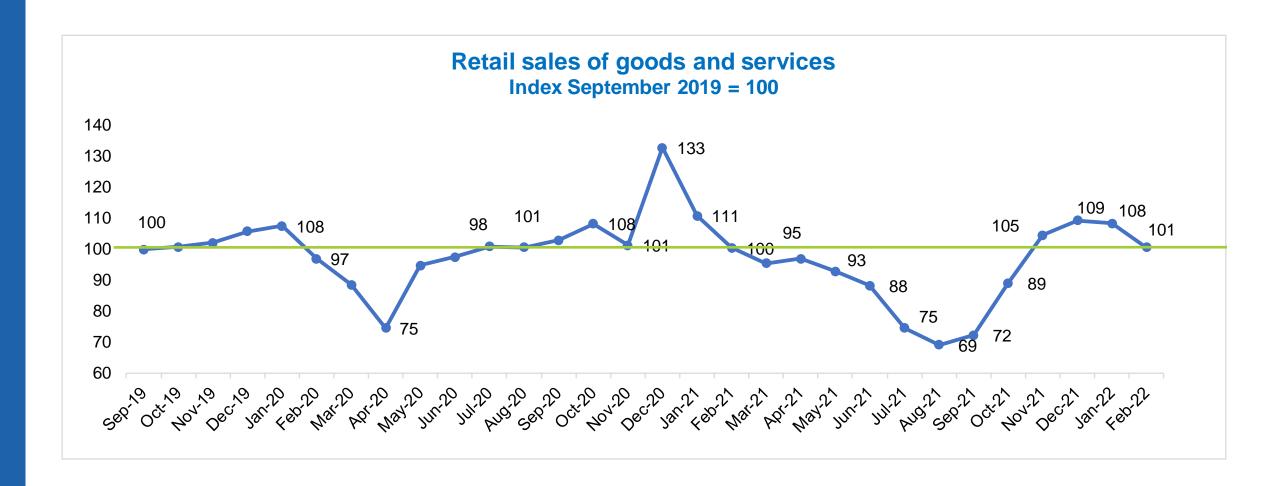
Sports apparel (yoga!)



F&B delivery

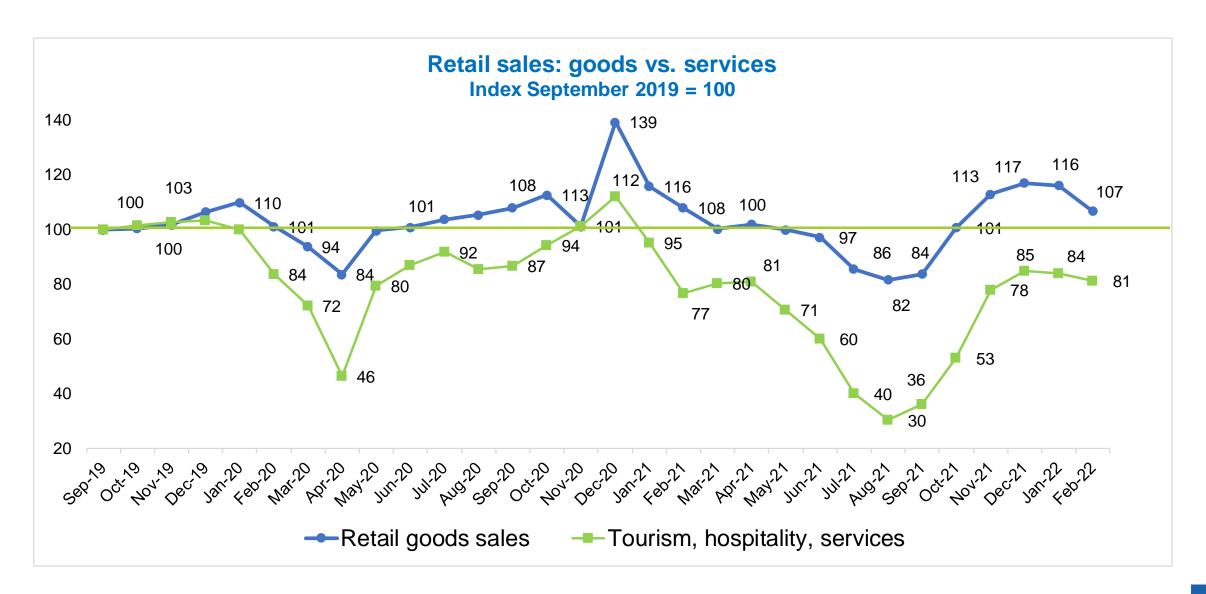


Retail sales of goods and services. Goods have bounced back.



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Retail sales of services expected to edge back by September 2022



Source: General Statistics Office, estimate for February.

Back on growth trajectory in 2nd half of 2022

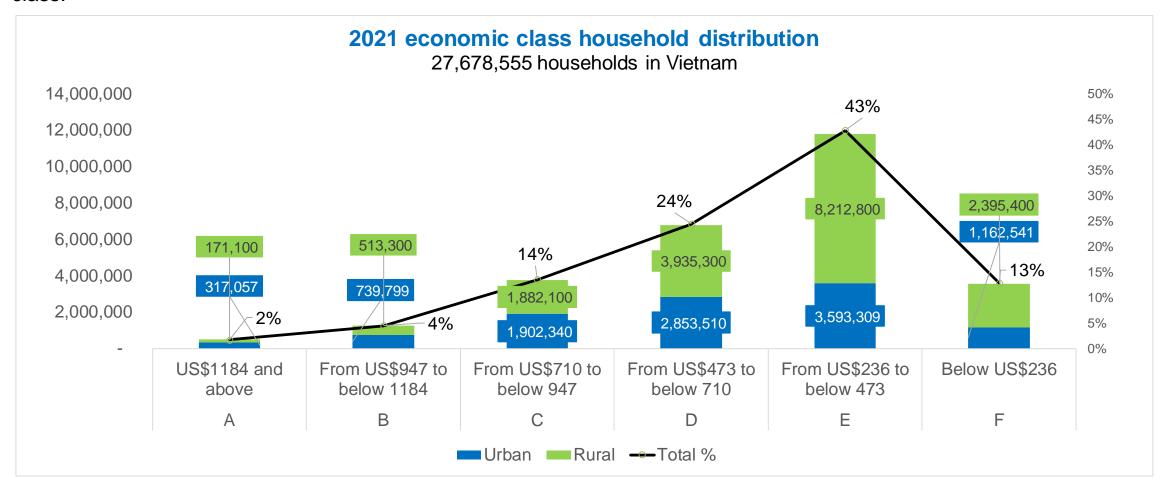


- Consumer dynamism and economic growth will rebound unabated by mid-2022.
- There will be GDP growth of approximately 6.5% in 2022.
 - GDP growth in 2021 was just 2.58%. This is the lowest level since 1986 which recorded 2.3%.
 - Less than 2020 which recorded 2.9%.
 - In sharp contrast to the 7.0% achieved in 2019.
- Sales of retail goods have already bounced back above the 2019 level (and will quickly recover beyond the 2020 level) and continue a growth trajectory.
- Sales of retail services will edge back by September 2022. 2021 retail service sales remained 32% below the 2019 level. Cimigo expects these to have recovered by September 2022 and be back on a growth trajectory.





12,314,505 a household income above US\$473 (VND10,000,000) per month, they are classified as ABCD economic class.



Source: GSO, Cimigo

Change in wealth over past 4 years



2017

2 billionaires.

270 ultra high net worth (>30 US\$ million).

21,998 millionaires.

1,236,015 households =>USD1,000 monthly income.

7,963,609 households US\$500-US\$999 monthly income.

Diaspora remittances US\$15 billion.

2021

6 billionaires. Up 200%.

1,228 Ultra high net worth (>30 US\$ million). Up 355%.

69,895 millionaires. Up 218%.

1,530,577 households =>USD1,000 monthly income. Up 24%.

9,603,248 households US\$500-US\$999 monthly income. Up 21%.

Diaspora remittances US\$18 billion. Up 20%.



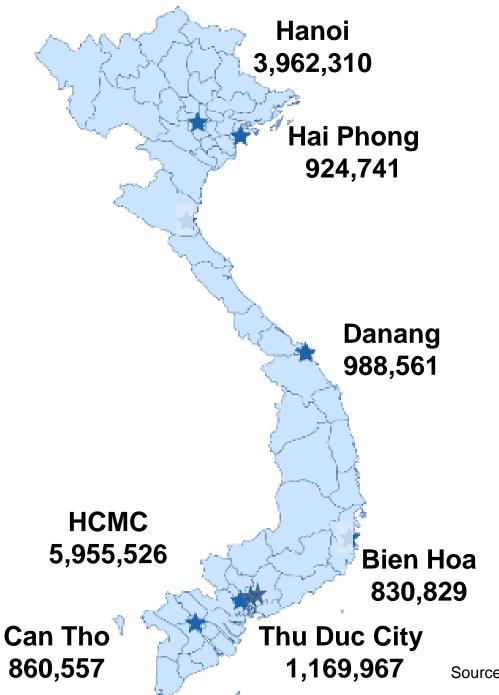
Middle-class acceleration. Migration and lower birth rates mean households are smaller and slightly wealthier.





Demographic shifts in Vietnam

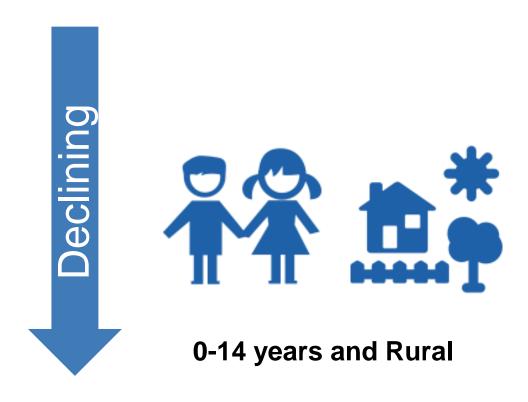




Newly formed Thu Duc City joins the charts, as Vietnam's 3rd largest city

Changing demographic structures









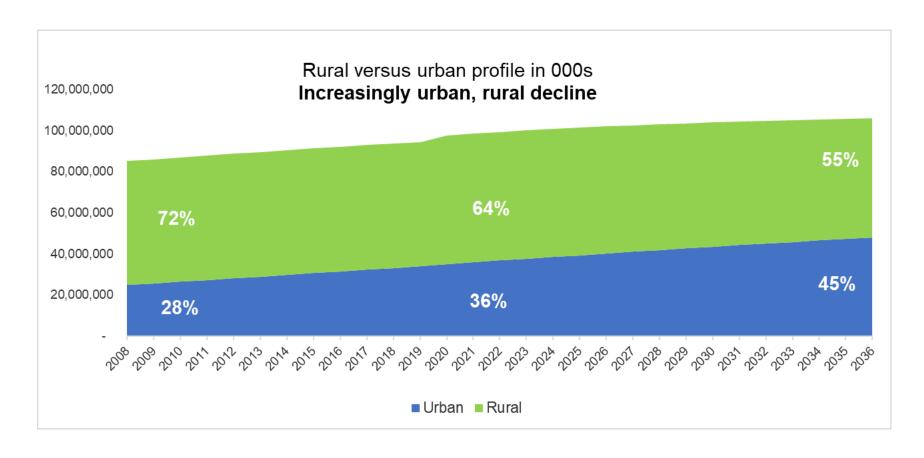


Rapid urbanisation drives efficiency and ultra convenience

The rural population commenced a decline in 2017.

Rural household sizes in falls from 4.6 in 2008 to 3.6 in 2021.

Urban provides ultra convenience but stressed infrastructure and pollution.





Rapid urbanisation provides challenges, but high efficiency and convenience. The rural population is shrinking fast.

Demographic dividend – low dependency ratio





96% men (20 – 64 years) work



88% women (20 – 64 years) work



59% is the working population as a % of the total in 2021

Highest % of working population in region. It significantly lowers dependency ratios at just 0.7 per employed person.
 This gives GDP a huge boost. Urban working adults have on average 1.67 sources of income.



More women work in Vietnam than anywhere else in the region. Vietnam enjoys a huge demographic dividend owing to low dependency ratios on earners.



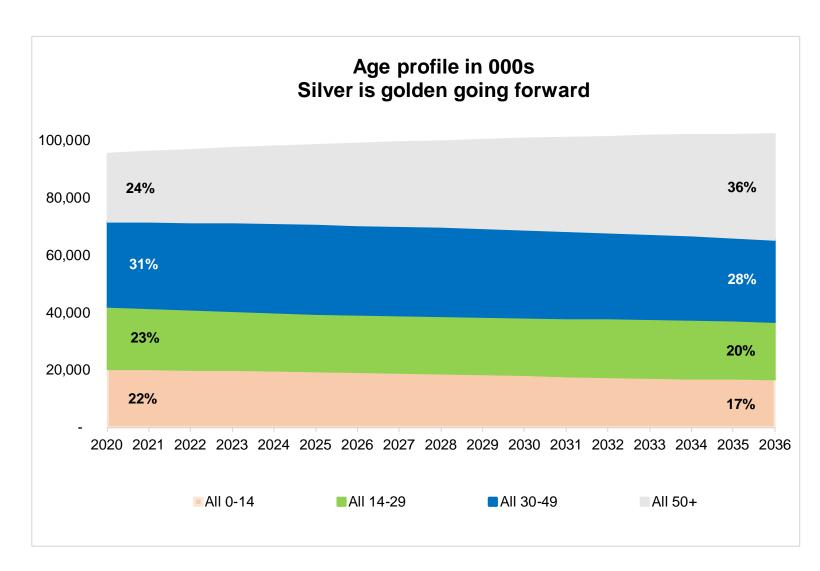


The demographic that drives much of mums purchase behaviour has commenced a slow decline.

The birth rate has declined from 75 in 2008 to 46 in 2020 (rate per 000 females aged 15 to 49).

Vietnam's youth has provided an unrivalled dynamism.

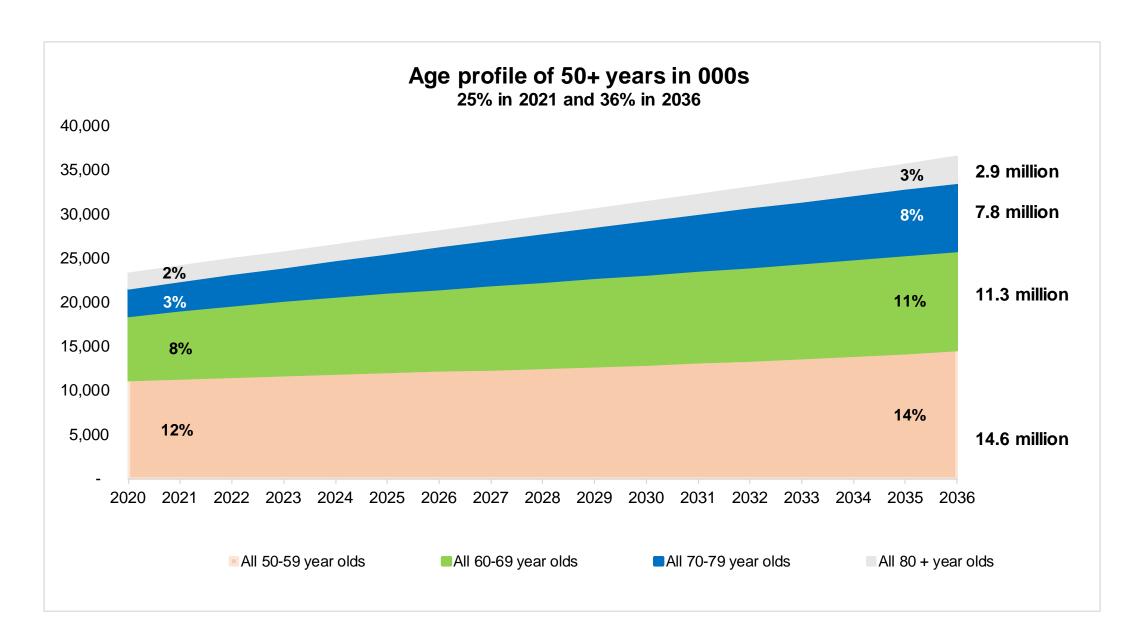
We now need to consider making better choices for the silver generation.



Source: GSO, Global Demographics, Cimigo



Silver generation is fastest growing age segment going forward



Silver generation are the ideal segment; time rich, asset heavy with high disposable income

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• The silver generation's disposable income and desire to enjoy life provide ample opportunities for travel, fashion and beauty services.

- The silver generation wants to prepare for any emergency and their future rather than for their offspring as most marketers assume. Financial services have yet to fully explore their potential.
- Health is the top concern and health related expenditure accounts for 13% of their income. Reaching retirement, seniors have more spare time to take care of their health.
- Beyond visiting doctors and consuming medicine, the silver generation gives credence to a healthier lifestyle (including exercise, eating habits, supplements) beyond health checks.

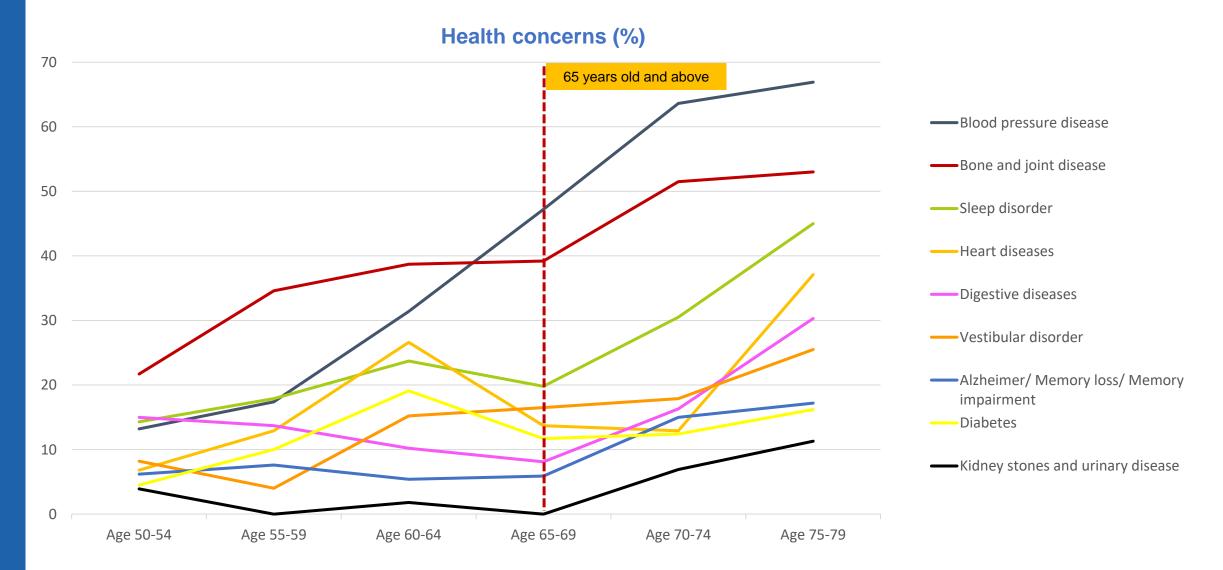




A staggering drop in the birth rate and an aging population will take hold in the 2030s. Elderly dependents will become a key challenge in 2040s.

Health concerns increase significantly after 65 years old. Blood pressure disease rise the fastest.





Source: Cimigo Silver Generation 2021





Shopper dynamics



- Most conduct a daily shop for fresh groceries.
 - Refrigerators largely for fresh foods, beverages and sauces.
- Many live in multi generation homes, one of the adult females will typically shop.
 - Most have well established relationships with neighbourhood vendors and traditional stores.
- Mum will self-sacrifice for child.
 - She is ready to pay a premium for high quality and nutrition for children.
- Price knowledge and sensitivity is high.
 - But cash outlay matters, so small pack formats work well.
- Promotions are common and appreciated.
- Premiumisation trends were strong until 2019, buy temporarily scaled back given impact of Covid.

Country of origin matters less than in the past



- International no longer equates to better.
 - Think Masan, Vinamilk and VinFast.
- Australia perceived for natural, high quality food and beverages.
 - New Zealand, Holland and Ireland carry similar perceptions.
- Singapore encompasses aspired future city scape and lifestyle.
- Many Chinese and Thai brands in market in value for money segment.
- Quality electronics typically S. Korean and Japanese. Both have strong soft cultural power.
- Asian conglomerates buy into local brands and retail chains.
 - Thailand, S Korea and Japan have the biggest investments.

Rise of modern formats – Bach Hoa Xanh



- Bach Hoa Xanh launched in 2015 and now has 2,147 mini markets with average monthly sales of USD55,000 per store.
- The The Gioi Di Dong holding group has 4,871 stores across it brands in 2021.
- They provide ready access for a listing fee.
- Market entry and testing has become viable through modern and online channels delivering 24% of retail sales.
- All without the sales and distribution investment required to service the traditional trade.



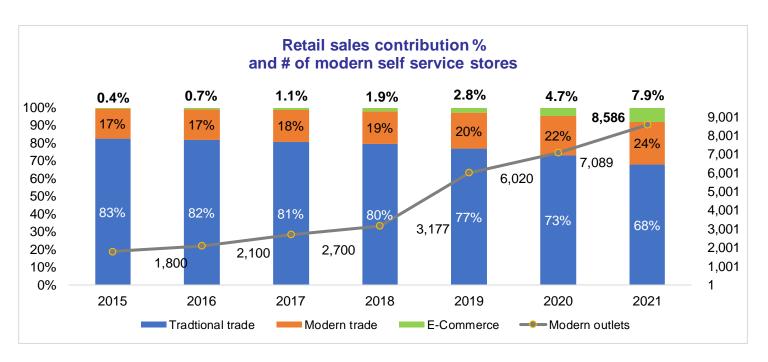
Bach Hoa Xanh launched in 2015 and now have 2,147 mini markets with average monthly sales of USD55,000.

Source: GSO, Cimigo

E-commerce sales grew by 60% in 2021



- Online shopping will surpass modern trade share of sales in 2028.
- E-commerce has reached a tipping point with consumer trust now granted.
- E-commerce logistics and delivery times improving exponentially into rural areas.
- Bach Hoa Xuan (mini market format) expanding into small towns and rural areas.
- Modern trade's contribution to retail sales has moved from 15% in 2005 to 24% in 2021.



20% increase in modern trade outlets
Bach Hoa Xanh accounts for 61% of new outlets





Digital and modern trade expansion makes in-roads into provincial towns and rural households.

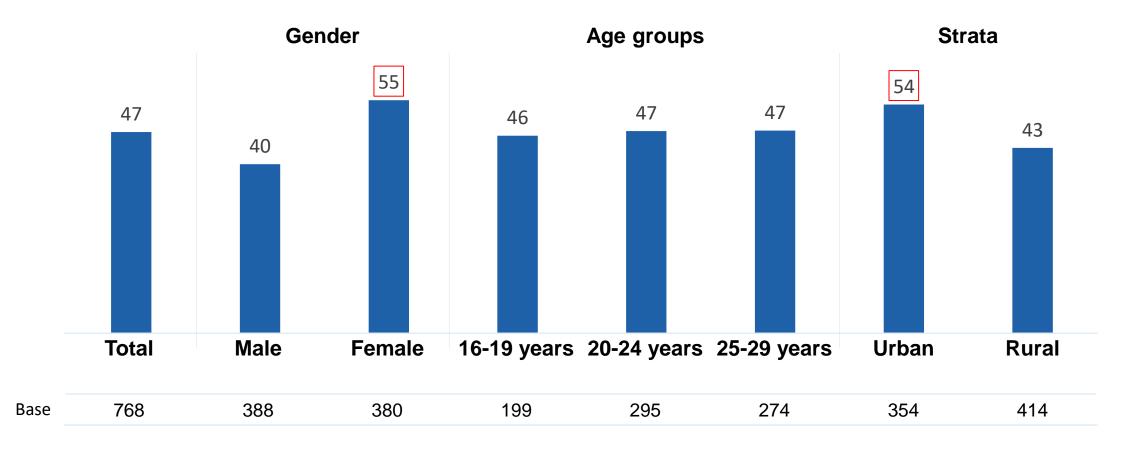
The experience economy if flying.

Nearly half shopped online in the past one month, more amongst females and in urban areas



Online shopping penetration in past 1 month (%)

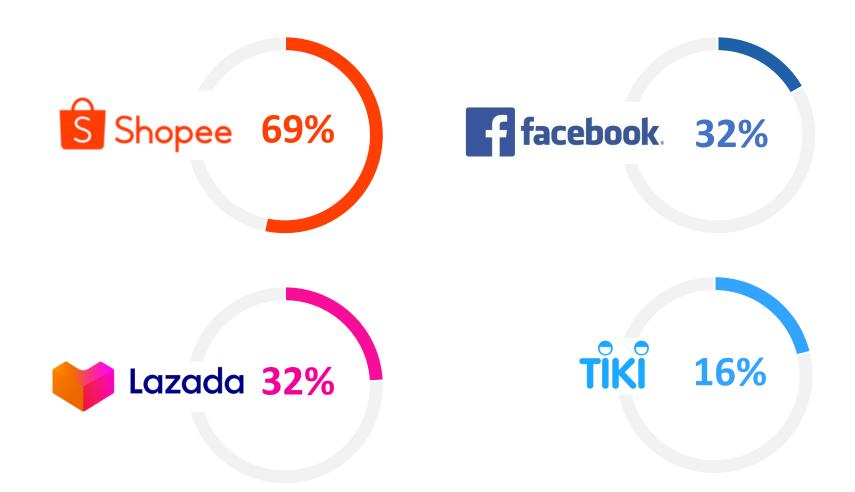
Across gender, age groups and strata



Shopee dominates e-commerce



Online shopping platforms used in past month (%)





Online shopping will surpass the modern trade share of sales in 2028.





Reaching Vietnamese consumers

Glued to screens for 6H 38M per day



Social



2h28m (any device)

TV/Video Edutainment



2h46m (any delivery/device)

Source: We Are Social 2021

Digital transformation, digital economy now at US\$21 billion





2021 Internet economy US\$21 billion 5.8% of GDP



7%
Online travel



62%
Online shopping



19% Ads, media, games



11%
Ride hailing and food delivery

US\$3 billon in 2015 at 1.7% of GDP. | USD\$15 billion in 2020 at 4.3% of GDP.

Source: GSO, Temasek, Bain, Google, Cimigo

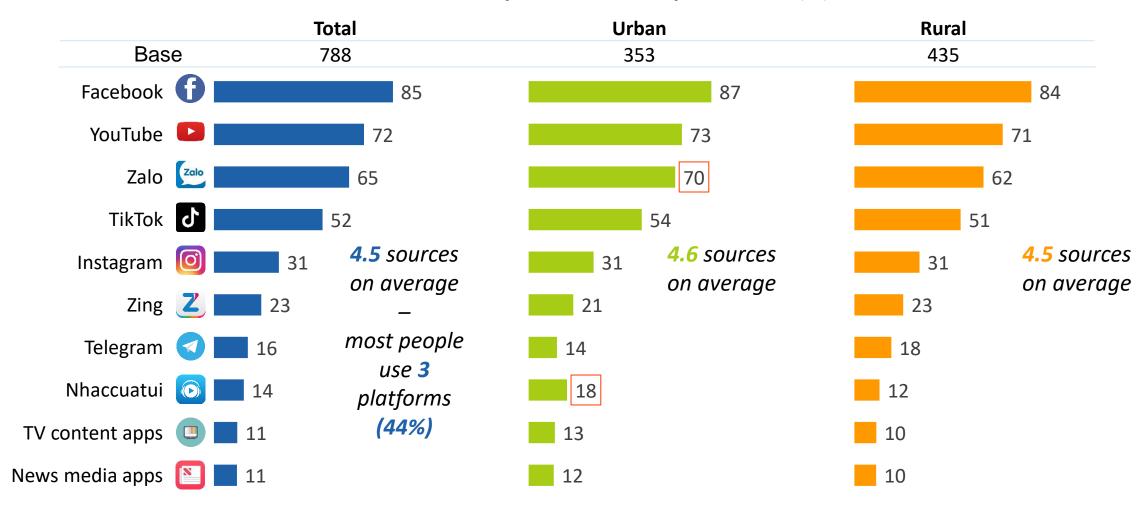


Internet economy at US\$21 billion shifts consumer priorities.





Social media platform used in past 1 week (%)





Vietnam's digital society and media are bringing the worldview of the digital generation (aged 16-29) across urban and rural society even closer.







2022 Financial services monitor

2,000 consumers nationally

0000 0000 EXPTRES 00/00



Top 10 bank brands in 2021



Band power index

Combines how they behave and how they feel towards banks







































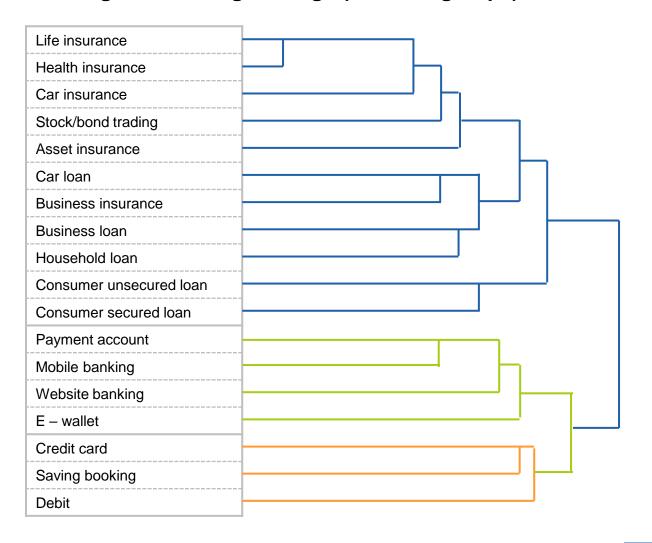


Relationship amongst banking products



- 70% of Vietnamese adults are banked in 2021.
- The illustrated dendrogram indicates the usage of the financial services split into 3 groups:
 - Group 1: Using debit, credit card, and saving books.
 - Group 2: E-wallet, internet banking on mobile app and websites, payment account.
 - Group 3: Stock or bond trading, loan, and insurance services.
- 42% of bank account holders use debit cards, the most common service amongst Vietnamese, but there is much room for cross-selling services.

Dendrogram – average linkage (between groups)



A fintech battleground

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- An estimated US\$1.3 billion was raised to fund fintech in 2021.
- With valuations of US\$1 billion or more there were four unicorns at the end 2021;
- Sky Mavis (gaming Axie Infinity)
- 2. Momo (e-wallet)
- 3. VNPAY (e-wallet)
- 4. Vinagame (Zalo and much more)





Source: Techinasia

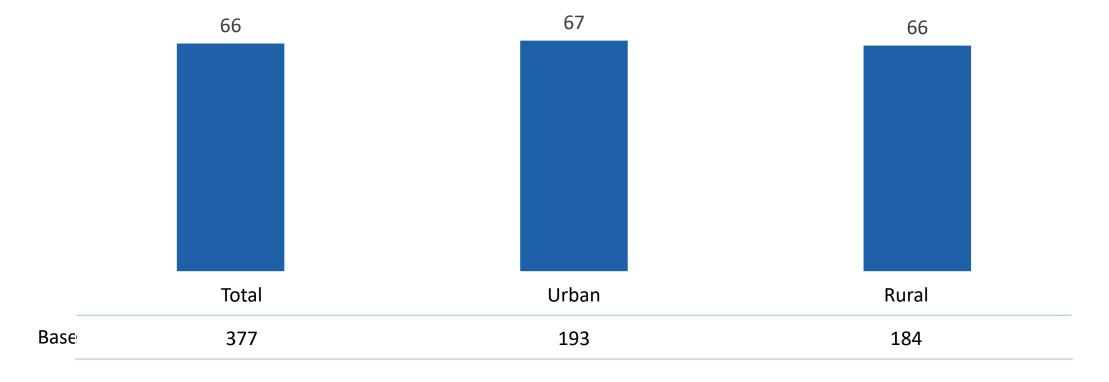
For all uses (including online shopping), e-wallet establishes high penetration, consistently across urban and rural



E-wallet penetration in past 1 month (%)

39% amongst banked adults

Source: 2021 Cimigo financial services monitor national survey amongst 1,500 banked consumers aged 18-55 years

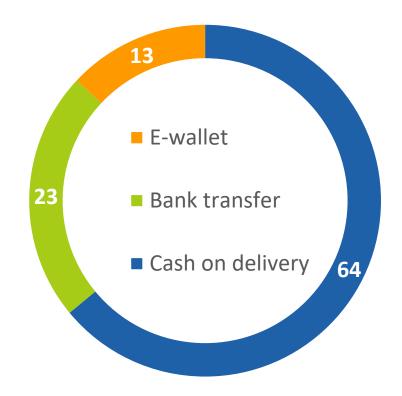


Cash on delivery is still the most common payment method for online shopping, followed by bank transfer



Payment method used most often for online shopping (%)

Base on who shop online N = 377

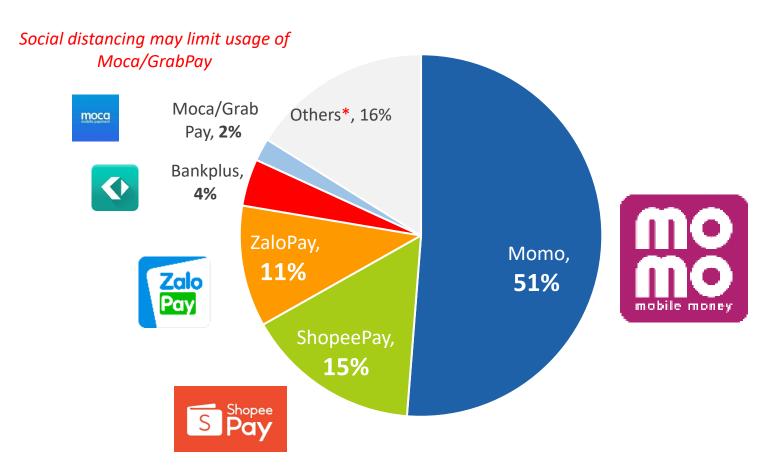


Momo lead the market with 51% share, followed by ShopeePay



E-wallet brands used most often (%)

Base on who use e-wallets in past month N = 249



Other e-wallet*
(1-2% share for each)

VIMO
VTPay / ViettelPay
Payoo
eDong / ECPay
Ví Việt
VTC Pay
WePay

Momo



- Momo's e-wallet launched in 2010 is now a unicorn with a valuation of US\$2.3 billion in Vietnam ((December 2021).
- Still not making a profit, but investors keep backing the customer and transaction acquisition strategy.
- This feature heavy payments app has consumer promotions, cash transfers, mobile top up, bill payment and new services such as loans, travel booking and micro insurance.
- Momo reports in 2021 to have;
 - US\$17 billion transaction value.
 - 31 million users.
 - 40,000 business partnerships.
 - 150,000 merchants.



Keeping up with the Nguyen's with consumer finance





US\$67 billion

NPL increase to 11% in 2021

Up just 1% over 2020

18% of GDP

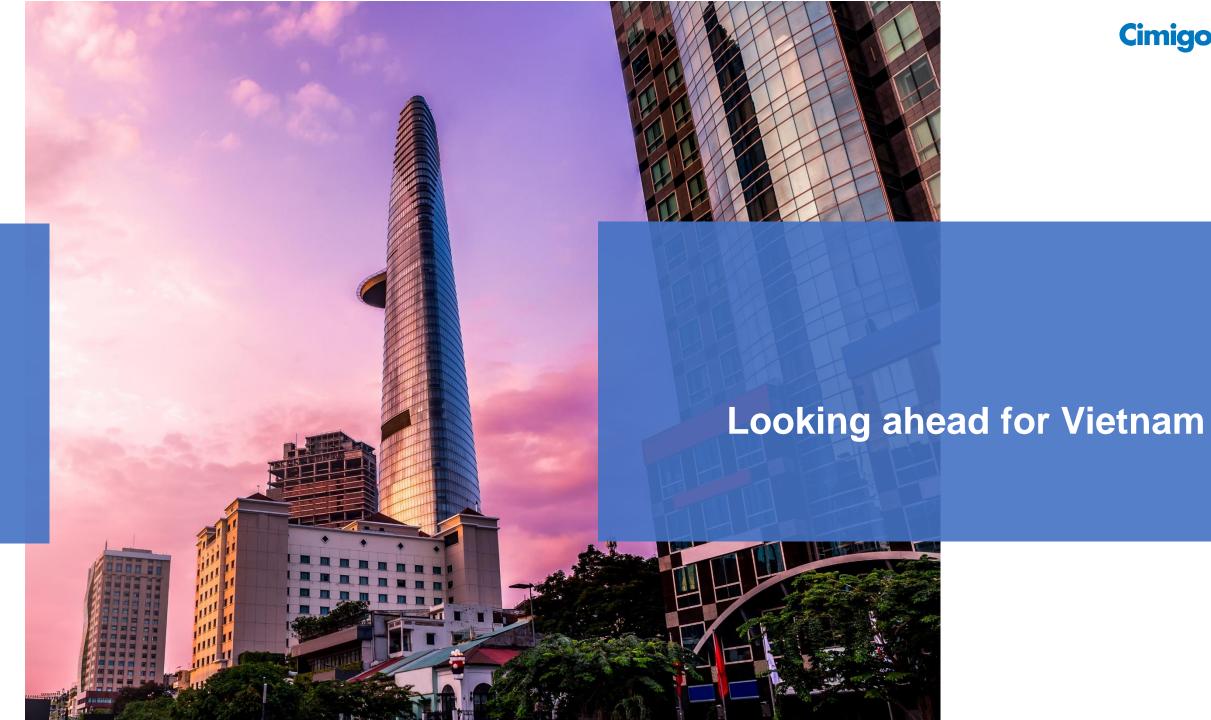
40% of retail goods sales

Buy now pay later (BNPL) reaches US\$496 million in 2021 (vs. 207 million in 2020)



Financial inclusion is near-universal and digital payment supremacy is nigh.







The speed of change will accelerate through 2030.

Opportunities to leapfrog abound.

Sector-wide tech adoption will continue to leapfrog the development paths followed by mature markets.

10 trends accelerating Vietnam's dynamism



- 1. Vietnam is the 4th largest economy in SE Asia. The most interconnected trading nation globally.
- 2. Middle-class acceleration. Migration and lower birth rates mean households are smaller and slightly wealthier.
- 3. Rapid urbanisation provides challenges, but high efficiency and convenience. The rural population is shrinking fast.
- More women work in Vietnam than anywhere else in the region. Vietnam enjoys a huge demographic dividend owing to low dependency ratios on earners.
- A staggering drop in the birth rate and an aging population will take hold in the 2030s. Elderly dependents will become a key challenge in 2040s.
- Digital and modern trade expansion makes in-roads into provincial towns and rural households. The experience economy if flying.
- 7. Online shopping will surpass the modern trade share of sales in 2028.
- Internet economy at US\$21 billion shifts consumer priorities.
- 9. Vietnam's digital society and media are bringing the worldview of the digital generation (aged 16-29) across urban and rural society even closer.
- 10. Financial inclusion is near-universal and digital payment supremacy is nigh.

Share your love for Vietnam



• If you have found this presentation helpful, please share your love for Vietnam. No amount is too small, the difference your donation can make for the children we support has a lifelong impact.

www.justgiving.com/fundraising/richardburrage

- My daughter Jasmine and I will be riding 300km over 3 days from Hue to Phong Nha to raise money for Saigon Children's Charity.
- Saigon Children has helped over 300,000 children attend school and built 211 schools in ten provinces across Vietnam. It is a reputable charity celebrating 30 years in Vietnam in 2022, which I have known personally since 1997.
- Think about that, children who would otherwise miss their education and the opportunities that this creates for them and their families. Help us keep them in school! The difference an educated child can make to his or her community by breaking the cycle of poverty is immense. Imagine the difference we can make, every US\$300 (VND7,000,000) raised pays for one child's education for one year. Just US\$25 (VND600,000) takes a child off the streets and into school for a month.





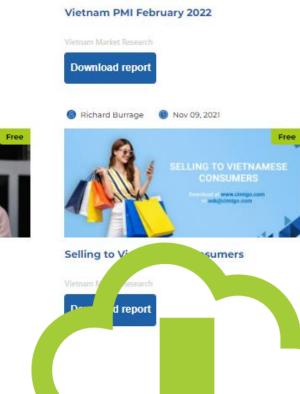
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Vietnam 2021 Digital Generation

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