









Demand Side Survey 2021







#### **OVERVIEW**

The Ghana Demand Side Survey 2021 was commissioned by the Ministry of Finance (MoF). In the implementation of the survey, the Steering

Committee was formed with the aim of putting in place technical procedures for the design and implementation of a global and inclusive process according to the context. The Ghana Demand Side Survey 2021 represents a collaboration between the following Steering Committee members:

- Ministry of Finance (Chair)
- World Bank (country representatives)
- Ghana Statistical Services
- Representatives from various institutions from government, private sector and development partners
- FinMark Trust

The FinScope survey methodology is dynamic and the content is evaluated by several stakeholders including the private sector, NGOs and Government to ensure that the most relevant consumer data is collected.

# Acknowledgements are extended to the following Steering Committee members:

#### Ministry of Finance

Ms. Yvonne Quansah Mr. Sampson Akligoh Mr. Beniamin Torsah-Klu

#### World Bank

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#### FinMark Trust

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#### Introduction

The Government of the Republic of Ghana, through the Ministry of Finance initiated a Financial Sector Development Project (FSDP) to enhance the financial sector in facilitating economic growth through access to financial services. The project objective is to promote financial sector soundness and access to financial services by individuals. The Ministry of Finance (supported by country stakeholders) commissioned the Ghana Demand Side Survey 2021 to help identify and create a roadmap that ultimately secures the realisation of this vision.

The Ghana Demand Side Survey 2021 provides credible benchmarks on the level of financial inclusion and guides targeted and focused financial inclusion strategies using empirical evidence. The Ghana Demand Side Survey 2021 will also act as a national good for use across private, public sectors and academia to ensure the lives of Ghanaians are improved.

# Methodology

- Universe: Adult population in Ghana who are 15 years and older.
- Sample drawn by Ghana Statistical Services (GSS), representative at national, regional and locality type (urban/rural).
- 470 Enumeration Areas (EAs) selected using Probability Proportional to Size (PPS) sampling and household listing data.
- 5 156 Computer Assisted Personal Interviewing (CAPI) completed interviews.

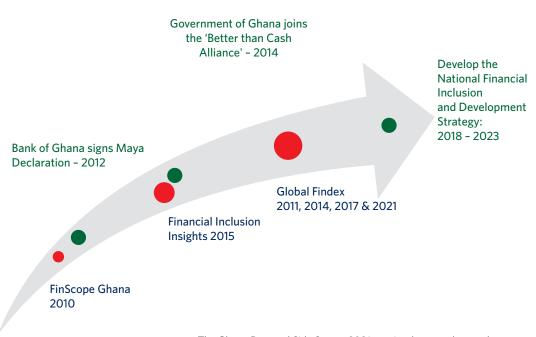
- Fieldwork conducted by Ipsos Ghana (July -September 2021).
- Quality control/field checks conducted by GSS and FinMark Trust.
- Data validation against Census data and latest data sources.
- Weighting of the data conducted by GSS in consultation with FinMark Trust.

# Survey objectives

The objectives of the Ghana Demand Side Survey 2021 are:

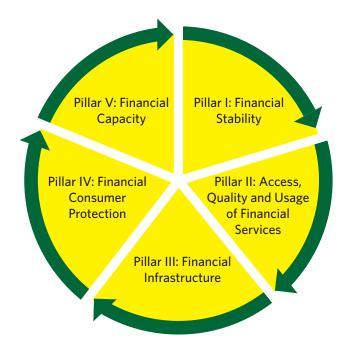
- To describe the levels of financial inclusion (i.e., levels of access to financial products and services – both formal and informal).
- To describe the landscape of access (i.e., the type of products and services used by financially included individuals).
- To identify the drivers of, and barriers to financial access.
- To stimulate evidence-based dialogue that will ultimately lead to effective public and private sector interventions that will increase financial inclusion.
- To assess trends/changes/interventions over time (from 2010).
- Measure financial inclusion impact on Ghana adult population.
- To stimulate evidence-based dialogue that will ultimately deepen financial inclusion.

# Ghana Financial Inclusion journey



• The Ghana Demand Side Survey 2021 was implemented to track changes in the strategy.

# National Financial Inclusion Development Strategy 2018 - 2023



Five Pillars of the National Financial Inclusion and Development Strategy

**Vision** – "Increasing the availability of a broad range of affordable and quality financial services that meet the needs of all Ghanaians and are provided by sound, responsible, and innovative financial institutions."

#### **ACKNOWLEDGEMENTS**

The Steering Committee (SC) for the Ghana Demand Side Survey 2021 was a collective formation of various institutions that provided strategic guidance and oversight to the study.

# **Ministry of Finance**

Custodian of the Survey, Overall Strategic oversight

#### Ghana Statistical Services (GSS)

Data and Statistical oversight

#### FinMark Trust

Project management, technical assistance, quality control

# **Ipsos Ghana**

Data collection

# **Steering Committee (SC)**

Ministry of Finance (Chair)

World Bank

Consultative Group to Assist the Poor (CGAP)

Ghana Statistical Services

Bank of Ghana (BoG)

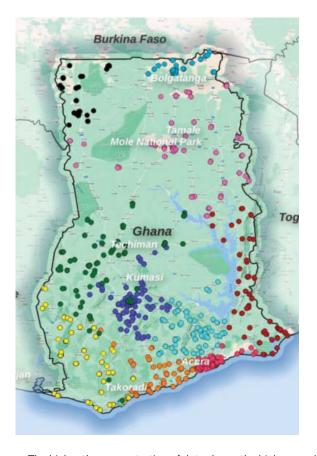
National Insurance Commission (NIC)

Securities and Exchange Commission (SEC)

National Pensions Regulatory Authority (NPRA)

Ghana MicroFinance Institutions Network (GHAMFIN)

FinMark Trust



# Quantity per region

- Western (443)
- Central (439)
- Greater Accra (909)
- Volta (391)
- Eastern (511)
  - Ashanti (936)
- Western North (449)
- Ahafo (426)
- Bono (193)
- Bono East (142)
- North East (88)

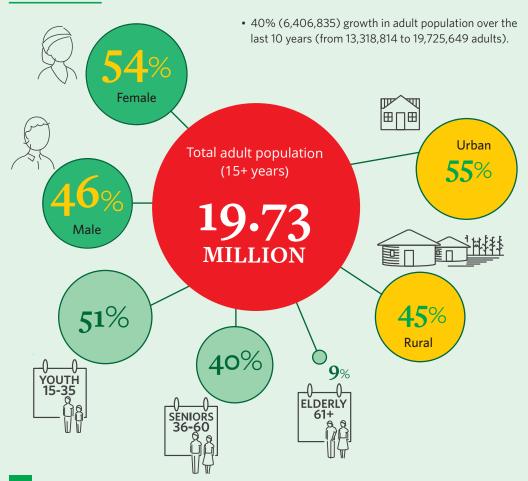
#### Note:

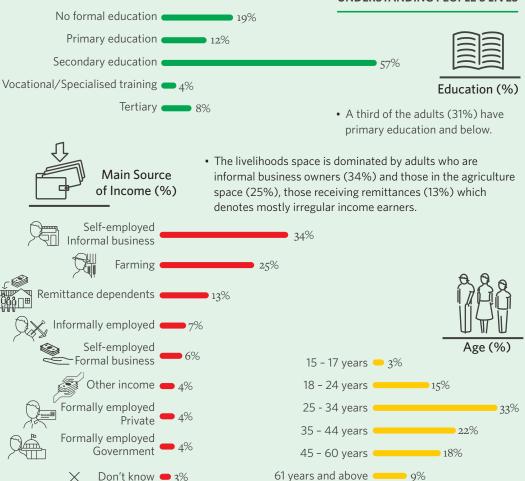
A map of Ghana showing all the locations where interviews were conducted.

- Footprint of all interviews conducted.
- Nationally representative sample.
- Regionally representative sample.

• The higher the concentration of dots shows the higher number of interviews.

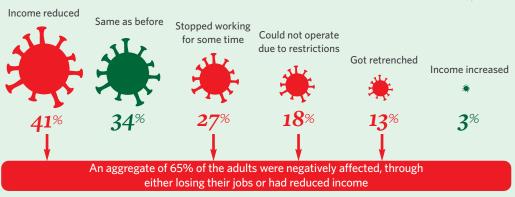
#### **DEMOGRAPHICS**

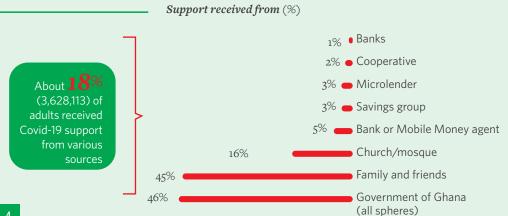


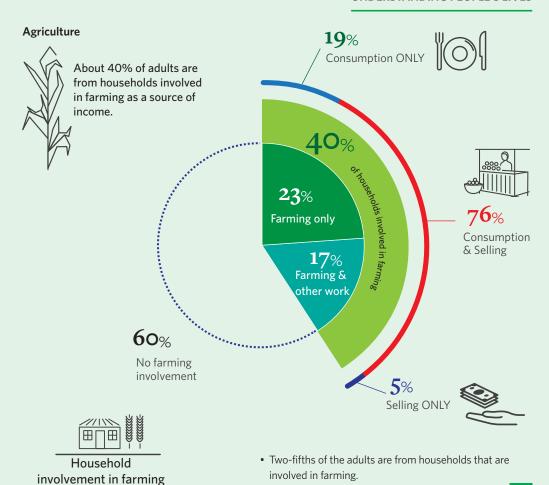


# Covid-19 impact on livelihoods (%)









# Access to Infrastructure Number of individuals Number of individuals from households with from households with electricity access to piped water (dwelling/compound) **30**% (= 5.5 million) (= 17.6 million) 2021 21% (= **2.7** million) (=8.6 million)

Number of individuals from households with access to piped water



Access to piped water and electricity doubled (in absolute numbers) in the decade under review.

2010

% of adults reaching the destination within

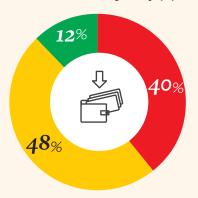
Time taken to reach destination of Mobile Money agents broaden reach and mobile networks are widely used in Ghana.

|                                      |        | Less than 30 mins |       | 30 mi | ns - 1hr | 1hr - 2hrs |       | More than 2hrs |       |
|--------------------------------------|--------|-------------------|-------|-------|----------|------------|-------|----------------|-------|
|                                      |        | Urban             | Rural | Urban | Rural    | Urban      | Rural | Urban          | Rural |
| Mobile<br>Money<br>agent             |        | 92                | 76    | 5     | 9        | 1          | 5     | 2              | 10    |
| ATM<br>€                             |        | 52                | 18    | 17    | 16       | 7          | 14    | 24             | 52    |
| Bank                                 | B 0000 | 61                | 24    | 18    | 22       | 7          | 14    | 14             | 40    |
| MicroFinance<br>Institution<br>(MFI) | MFI    | 49                | 23    | 14    | 18       | 6          | 12    | 31             | 47    |
| Public<br>transport/<br>Bus stops    |        | 86                | 64    | 8     | 15       | 2          | 9     | 4              | 12    |
| Market                               |        | 79                | 53    | 14    | 21       | 4          | 10    | 3              | 16    |
| Bill payment point                   |        | 74                | 38    | 15    | 18       | 3          | 13    | 8              | 31    |

- Mobile Money agents are the closest formal financial service providers.
- Bank branches, ATMs and MFIs remain the least accessible.

# **FINANCIAL CAPABILITY**

# Overall Financial Capability (%)



Around 39% of Ghanaian adults have low financial capability.

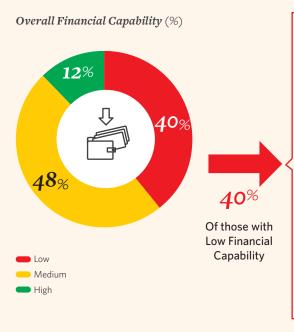


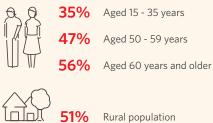
• From the financial capability dimensions, knowledge and planning require top priority.

# Financial capability indicator dimension (%)



# Those with low capability are more likely to be:









Are mostly remittance recipients, informally employed and receive earnings from farming related activities.

Have primary education

#### FINANCIAL CAPABILITY

# **Drivers of Financial Capability**

Where would people go for financial advice or assistance? (%)





 Following on earlier results that knowledge and planning dimensions ought to be prioritised, it's important to understand where adults get their knowledge. Most adults (34%) do not get financial advice while 14% rely on their spouse or partner. About 48% are consulted during decision-making process.

# Responsibility for financial decision-making (%)



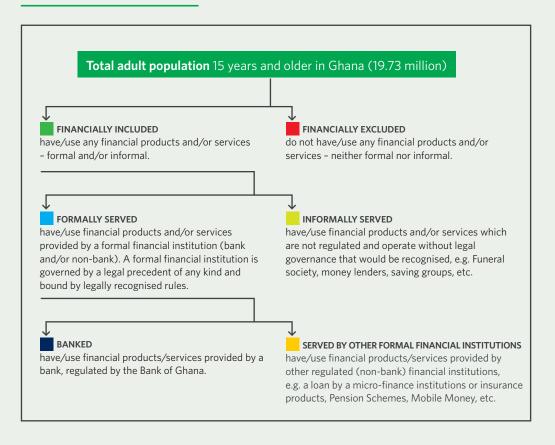
# **Drivers of Financial Capability**

Ways to disseminate financial education and literacy to adults

Resulting in more What channels could be Mitigating against low financially literate, employed to disseminate financial capability financial information, financially empowered, requires financial financially capable adults. education and literacy? education. 70% Adults listen to a radio Radio 73% Rural population Television 26% About 26% use internet Internet 42% Have smartphones

66%

Have a simple phone



# Financial Inclusion classification

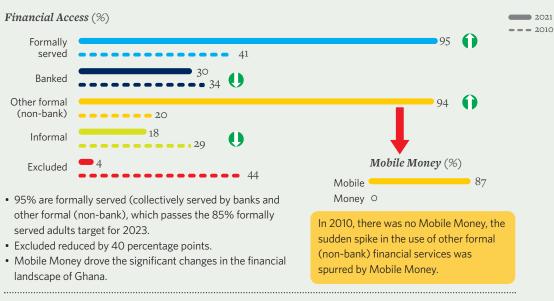








|  |  | •   |   |
|--|--|---|---|
| Banking  | Other formal (non-bank)                                      | Informal                                    | Excluded  |
| Currently use bank account in the following:   | Cooperative Society/<br>Credit Unions                        | S   | Save at home     Borrow from family                               |
| Universal banks     Rural and Community banks     Savings & Loans Companies     MicroFinance Companies |  | Savings in other saving club                | members and/or friends  • Send or receive through family members/ |
| Savings  | Insurance products from insurance providers                  | Unregulated persons     Informal remittance | relatives/friends or<br>transfer money<br>personally              |
| Credit   | Mobile Money accounts  | agent                                       |   |
| Send/receive money through banking channels  | Products from MFI  |   |   |
| Have following products:   | Products from Pension fund administrators                    |   |   |
| Debit/Current/Credit/<br>ATM card     Use internet/cellphone   | Retirement products/<br>services                             |   |   |
| banking; wallet money  | Remittances, Mobile<br>Money services - MTN,<br>Airtel, etc. |   |   |

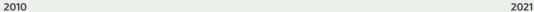


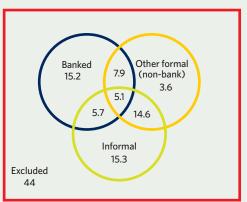
#### Access Strand (%)

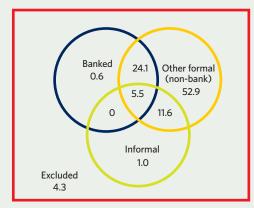


 Formal other (non-bank) financial service/products mostly Mobile Money is a game changer in deepening inclusion and reducing financial exclusion.

# Overlaps (%)





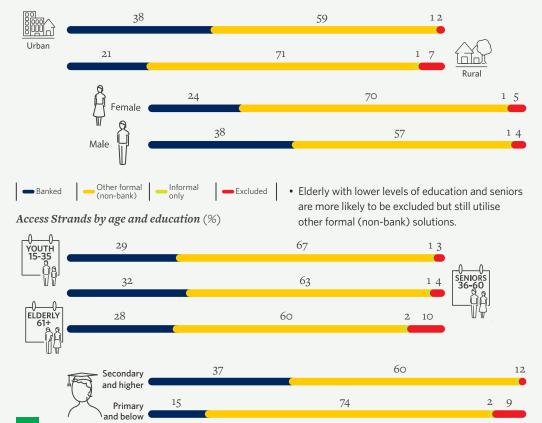


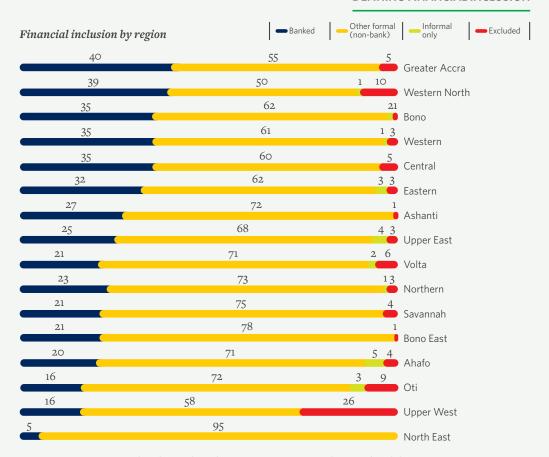
#### In 2021:

- 95% use a combination of formal and informal mechanisms to manage their financial needs, from 40.7% in 2010;
- Only 0.6% of adults rely exclusively on banking services from 15.2% in 2010; and
- 1% of the adult population ONLY rely on informal mechanisms up from 15.3% in 2010, this due to the Mobile Money impact.

Access Strands by locality type and sex (%)

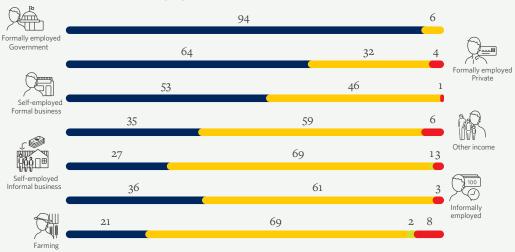
 Rural residents are maximising on the use of Mobile Money (other formal non-bank) solutions specifically designed to bridge the access gap.





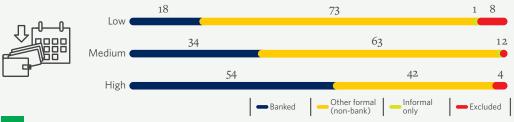
• It is interesting to note that the rural residents are maximising on the use of Mobile Money (other formal non-bank) solutions specifically designed to bridge the access gap.

# Access Strand by livelihood - Target groups (%)

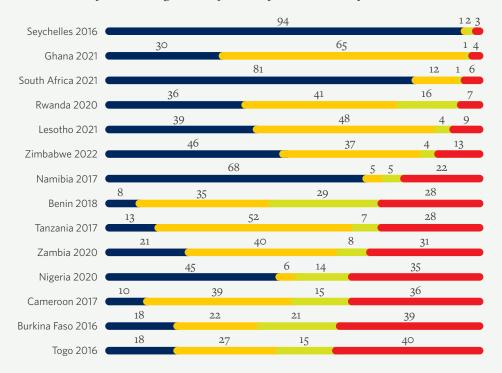


• Financial Capability is a useful segmentation variable to highlight the Ghanaian usage of financial services. Formally employed adults have higher usage of banking and Mobile Money services.

# Access Strand by level of financial capability (%)



# Ghana ranks 2<sup>nd</sup> if we sort using the 'least financially excluded country'

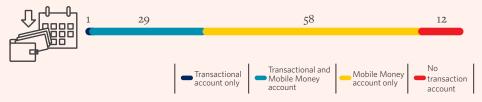


• Compared to the selected African countries, Ghana has a large formally served population (96%) and one of the lowest financial exclusion at 4%.



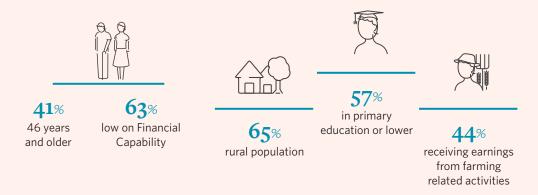
#### TRANSACTIONAL ACCOUNTS

# Transactional account (%)

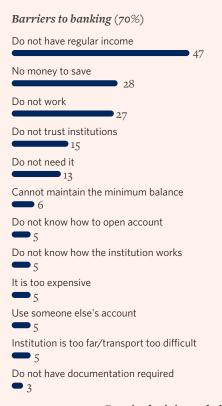


 Only 12% of Ghanaians do not have access to transactional accounts, the conversion rate to Mobile Money is very high.

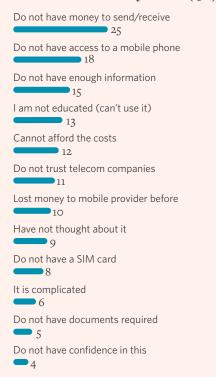
# Those without transactional accounts are likely to be:



# Barriers to own a Transactional account and Mobile Money

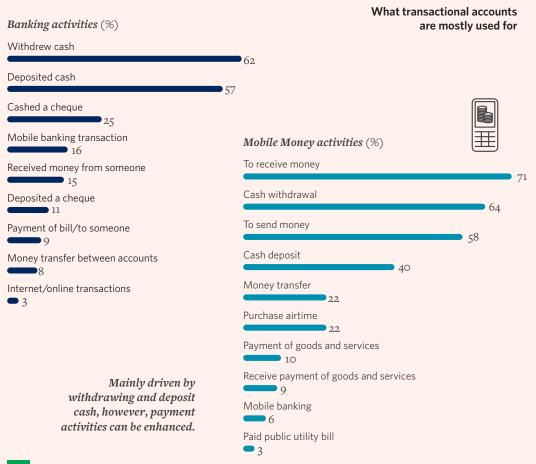


# Barriers to Mobile Money account (13%)



Required minimum balance, lack of product knowledge and access to mobile phone.

#### TRANSACTIONAL ACCOUNTS



# Lessons from Kenya

Has Mobile Money replaced banking in Ghana?



**Mobile Money** 

# Banking era (pre 2009)



Earlier than 2009 and before 2005, bank accounts were the dominant transactional accounts.



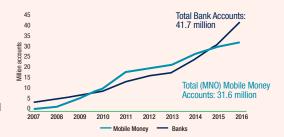
#### M-Pesa era (2010 - 2015)

 With the advent of M-Pesa, Mobile Money accounts surpassed the number of bank accounts in Kenya.



# Banks retaliation (post 2015)

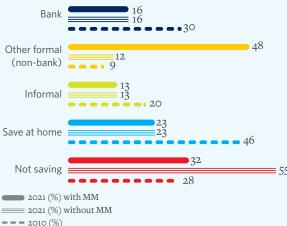
- Banks restrategised and reformulated their offerings.
- With new strategies, the banks managed to wrestle back their majority.



# Savings and investments



#### Savings overall (%)



# Savings behaviour of adults saving



73% save money on monthly, weekly or daily basis



Shortest time to put money aside to count as savings - monthly



52% putting money aside to be used later for a specific purpose



Putting money aside to stop it being spent immediately or to be safe

- Great strides observed in adults saving using other formal channels (9% in 2010 to 48% in 2021), mainly driven by Mobile Money.
- Savings from a bank and informal groups have declined significantly.
- Adults deem savings as 'short-term' in nature.

Note: That other formal (non-bank) includes those who "claim to save" on Mobile Money (22%). If those are excluded, the other formal (non-bank) for 2021 is 12%.

# Sentiments about savings: Adults deem savings as 'short-term' in nature

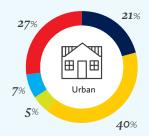


# By locality type (%)





37% Rural 35%

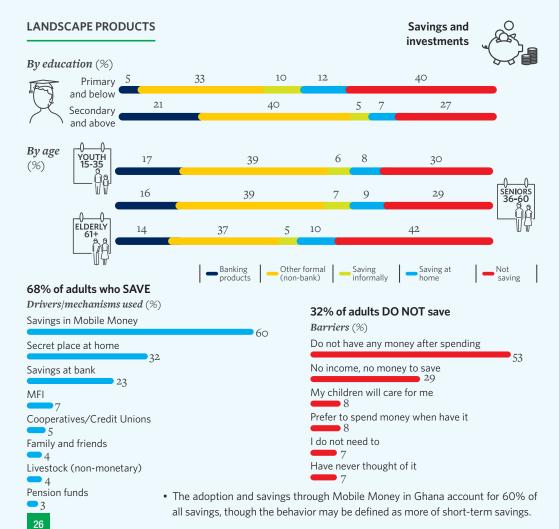


 Adults in rural areas are likely not to save, females are less likely to use bank services to save.



 Comparing the Savings Strands by locality type and sex reveals that formal savings are higher among adults residing in urban (61% are formally saving) and compared to rural areas (45%), while males also prefer formal mechanisms to save.



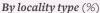


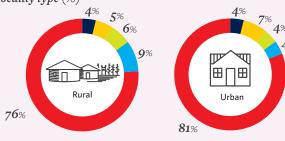


# Credit Strand by livelihood - Target groups (%)



# Borrowing and credit





- Generally, adults don't use formal credit across the board irrespective of locality type, sex or livelihood.
- There is not much differentiation between age and level of education on credit usage.

# *By sex* (%)



# By education (%)



# By age (%)



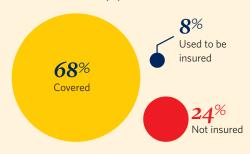
# Insurance and risk management

# Insurance Strand (%)



 Overall use of insurance products increased to 68% in 2021. The most used product is health/ medical insurance.

# Insurance Strand (%)



## *Insurance types* (%)



realtry medical modrance

Life insurance

\_ 4

Pension insurance

<del>-</del>3

Accident insurance

\_ 2

Housing insurance

1

Third-party vehicle/motorcycle insurance

0 1

Comprehensive vehicle insurance

• 1

Property damage insurance

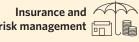
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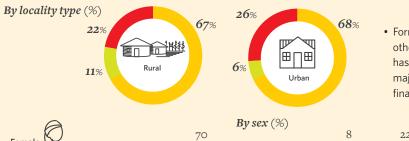
Education insurance

• 1

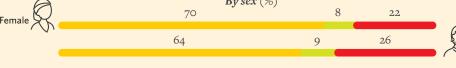
65

# Insurance and risk management





 Formal insurance from other formal (non-bank) has paved ways for majority of adults to be financially secure.





# Main risks faced with greatest impact (%)

Illness of main income earner

15

Serious illness of a household member

Death of a main income earner

Job losses

\_\_\_\_ 5

Death of family member

\_ 4

Theft of personal property

Increase in size of household

**2** 

Drought/low rainfall

Theft of business property

Main coping strategy (%)

Used savings

Gift assistance

Sold something

**4** 

Borrowed money

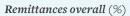
**4** 

Claimed insurance

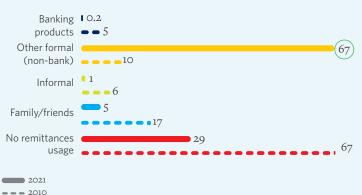
**1** 

- Interesting to note the positive sex gap in favour of females on insurance take-up - more females insured than male counterparts.
- Of the insurable risks, Ghanaians experienced risks related to earnings and illnesses but relied more on savings than any other coping mechanism.

Interesting to note that insurance is not held in high regard.







• There was a dramatic shift to Mobile Money as the most used remittance channel.

# Sent money (%) Mobile Money 47 Friends or family 2 Money Transfer Agencies 1



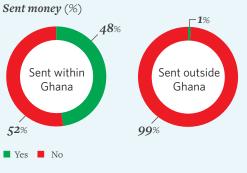




43%

21%

13%



Received money (%)

Received within Ghana

Solocal

Solocal

Fremittances are received from:

• USA

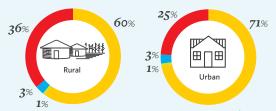
• UK

Italy

are net receivers of remittances.

 Adults are more net receivers than senders, mostly local remittances. International remittances account for 5% of all received remittances.

By locality type (%)

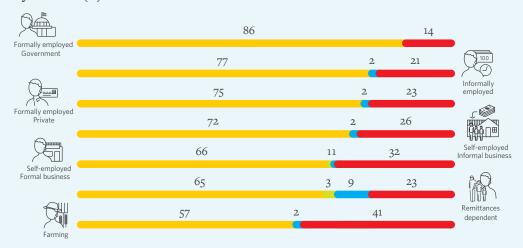


 Germany 11%
 Interesting to note that adults in urban and rural areas have adopted Mobile Money as means to remit. Further, women largely benefit as they

|               |    | Other formal (non-bank) | nformal Family | y/friends Not remitting |
|---------------|----|-------------------------|----------------|-------------------------|
| 7             |    | By sex (%)              |                |                         |
| $\mathcal{A}$ | 64 | 14                      | 31             |                         |
| 01            | 69 | 2                       | 2 29           |                         |
|               | ~  |                         |                | 🂢 ,, ,                  |



# By livelihood (%)



 Those formally employed by government remit the most (86%), while 12% of remittance dependents utilise informal channels or family and friends.



#### FINANCIAL HEALTH

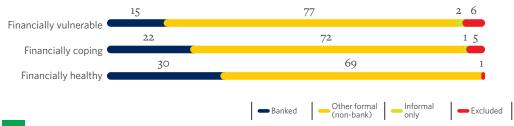
• Financial inclusion and financial health are cornerstones for international development. An inclusive and healthy financial system benefits all participants. One-third of Ghanaian adults are financially vulnerable.



| FinHealth dimensions                       | Low score | Medium score | High score |
|--|-----------|--------------|------------|
| Planning and prioritising (plan score)     | 16.8%     | 48.6%        | 34.6%      |
| Ability to manage day to day (spend score) | 31.7%     | 32.7%        | 36.7%      |
| Build and maintain reserves (save score)   | 48.0%     | 34.3%        | 17.7%      |
| Ability to manage risks                    | 61.7%     | 16.4%        | 21.9%      |

• There is a direct link between financial health and financial inclusion.

# Access Strand by - Financially health indicator (%)



# **KEY HIGHLIGHTS AND TAKE-OUTS**

| Category                                     | Progress   | Focus area   |  |  |
|--|--|--|--|--|
| Formally served adult population             | Number of formally served adults exceeded 2021 target of 85%. As of 2021, the formally served are 95%  | The dawn of Mobile Money has seen a drastic improvement on access to financial services. The next focus should be to assess if that access has translated into meaningful usage of the services. |  |  |
| Extending the rails of Mobile Money platform | Leverage the high penetration of Mobile Money.   | Extending the offerings of Mobile Money to include Savings, Insurance, Credit, Pension, amongst others.  |  |  |
| Savings                                      | Number of adults who have formal savings grew by 39% since 2010 and driven by other formal (non-bank) savings.                               | The payment of interest on Mobile Money balances may need to be considered.  |  |  |
| Credit                                       | Credit uptake remains at similar level to 2010.  | Lack of access to formal credit remains a major concern and is clearly highlighted as a need particularly for business owners.   |  |  |
| Insurance                                    | More adults are now insured formally -<br>from 46% in 2010 to 68% in 2021.<br>However, the main product held is<br>health/medical insurance. | Expand insurance to better manage impact of risk beyond health and medical. Covid-19 for example, impacted on a lot more than health aspects.  |  |  |
| Pension                                      | Pension sector coverage expansion initiatives now part of NFIDS focus areas.   | Explore voluntary pension contributions via Mobile Money coupled with financial education on importance and role of pensions.  |  |  |
| Remittances                                  | A significant number of Ghanaians are remitting, mostly driven by Mobile Money.  | Leveraging on the existence of the well-established MM agent network offers opportunities for the network to offer more services beyond remittances  |  |  |

| Category                   | Indicator            | 2017 | 2020 | 2021 (results) | 2023 (target) |  |  |
|----------------------------|----------------------|------|------|----------------|---------------|--|--|
| Key performance indicators |                      |      |      |                |               |  |  |
|                            | Ghana (%)            | 58%  | 70%  | 96%            | 85%           |  |  |
| A 4-                       | Women (%)            | 57%  | 70%  | 94%            | 85%           |  |  |
| Access to financial        | Rural (%)            | 51%  | 65%  | 92%            | 80%           |  |  |
| services                   | Northern Regions (%) | 45%  | 60%  | 93%            | 75%           |  |  |
| Scivices                   | Poorest quantile (%) | 41%  | 55%  |                | 70%           |  |  |
|                            | Youth (ages 15 - 24) | 52%  | 65%  | 94%            | 80%           |  |  |

# **Public Sector policy implications**

- About 40% of the adult population are self-employed or own small businesses. Supporting this sector
  with financial services and access to finance may, therefore, spur economic growth.
- Understanding the small business sector will require a full scoping study that looks deeply at their challenges, and at how Covid-19 has impacted this sector. More importantly, understanding how to support it.
- Develop a National Financial Education Strategy to support the rollout and complement the dawn of technology in fast-tracking financial inclusion. To reduce the potential digital divide, financial literacy is a requirement for meaningful usage of financial services.
- Integrate financial education in the school curriculum from the basic level, Lower Primary to Junior Secondary School.

# **Private Sector policy implications**

- Innovative offerings leveraging on the Mobile platforms.
- To allow for non-traditional credit providers including Fintechs.
- Encourage Innovation and new Fintech products
  - Focus on investments
  - Springboard savings into investment space
  - How to digitise informal savings, e.g., susu, using Fintech

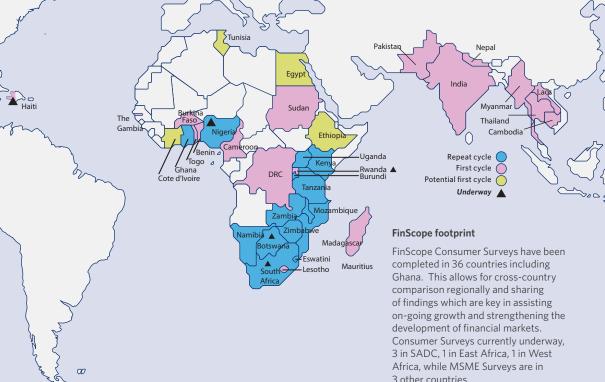
# **Development partners policy implications**

A dedicated nationally representative Small Business Survey may be required, because two in five adults
rely on small businesses for their livelihoods. More data is needed in this space to articulate the level of
financial inclusion of small businesses.

- Deepening financial inclusion by focusing on the 'usage indicators' as access to services is no longer an
  issue.
- Adopt Financial Health and Financial Capability indicators these provide another dimension to ensure
  a meaningful usage of financial services and thus empower adults with better financial management
  skills and behaviour to escape poverty.
- Align Financial Policy and Digitised Policy Framework and the National Financial Inclusion Strategy, NFIS.

#### **Development partners policy implications**

- Introduction of the fundamentals of Financial Literacy at an early age and introducing financial products, processes of opening financial accounts, financial terms, responsibilities and benefits. The overall introduction of Financial Literacy.
  - Start with a transactional account.
  - Savings, Credit, Pensions etc. Phasing in of other products.
  - Extend the conversations beyond banking and insurance.
  - Education on how financial services operate.
- Methodological considerations; sampling considerations for the next round to include 12-year-olds, booster sample of 12 – 14 years.
- A dedicated module on Fintech space.
- Expand questionnaire to include 'Usage indicators'.
- Specific policy on 'How to grow MicroFinance institutions'.



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The Ghana Demand Side Survey 2021 contains a wealth of data based on a nationally representative sample of the adult population of Ghana.

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