



Bank of Morocco – CEMLA – IFC Satellite Seminar at the ISI World Statistics Congress on "*Financial Inclusion*"

Marrakech, Morocco, 14 July 2017

Financial citizenship statistics production¹

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¹ This presentation was prepared for the meeting. The views expressed are those of the authors and do not necessarily reflect the views of the BIS, the IFC or the central banks and other institutions represented at the meeting.

Financial Citizenship Statistics Production

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July 2017



Financial Citizenship

Presentation outline

- Concepts
- Indicators of access to and use of financial services – supply side
- Financial literacy and financial consumer protection indicators – demand side
- Next steps

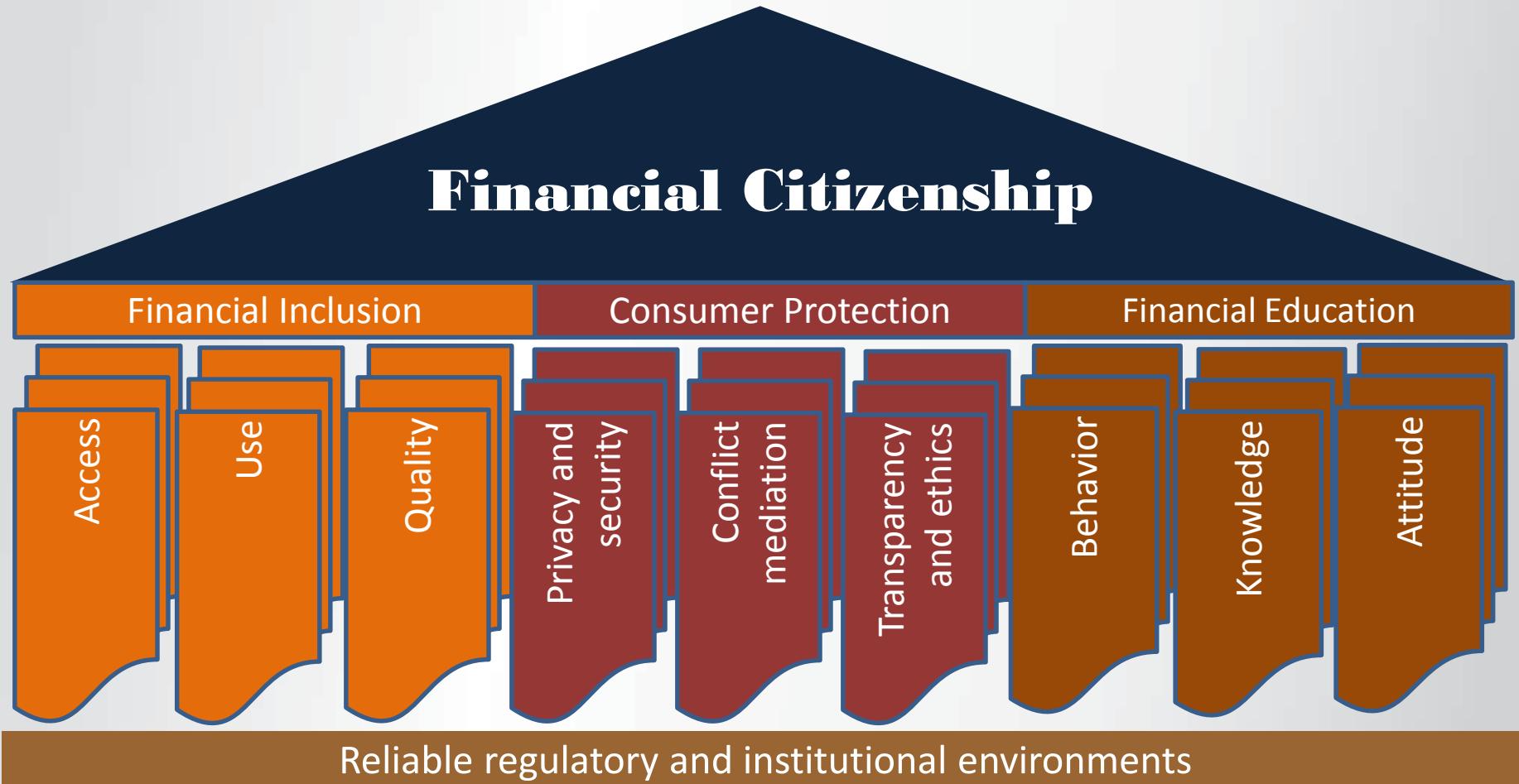
Financial Citizenship

Expanded concept of financial inclusion

It represents the citizen's active role in accessing and using financial services, and it depends on:

- infrastructure (access channels);
- financial services (diversified offer);
- sound decisions (financial literacy);
- consumers' conflicts support (demands against banks); and
- adequate regulatory framework.

Financial Citizenship



Financial Citizenship

In the Central Bank of Brazil, efforts are based on diagnosis and are channeled through:

- regulation;
- supervision;
- attendance;
- financial education; and
- coordination of the national financial inclusion strategy.

Measuring Financial Citizenship

Groups of indicators for FC measuring

Financial Inclusion (bank records)	Financial education (survey)	Financial consumer protection (survey)
Access	Knowledge	Demand rank
Use	Attitude	Channels of attendance
	Behavior	Conflict resolution

Financial Inclusion Report

RFI

2010



II RFI

2011



Dep. for Financial Citizenship Promotion

DEPEF

2012

III RFI

2015

Planning and
organization

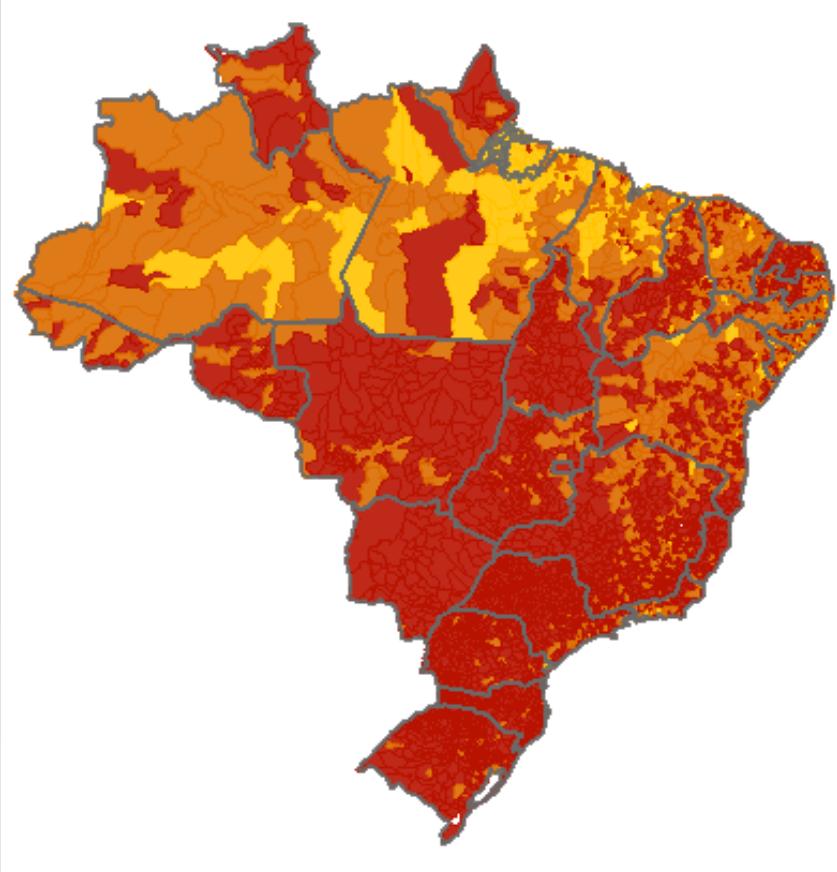
Sources of Financial Inclusion Data

BCB's databases

- **Unicad** – registration database for financial institutions (service points);
- **SCR** – credit database (indebtedness, default);
- **CCS** – relationship database (banking);
- **COSIF** – accounting database (deposit accounts);
- **SAG** – consortium database;
- **DEBAN** – payments database (transactions, access channels).

Access and use indicators – supply side

Points of Service: physical access channels (branches, service points, electronic service points and correspondents)



Geographical distribution of points of service per 10,000 adults – 2015

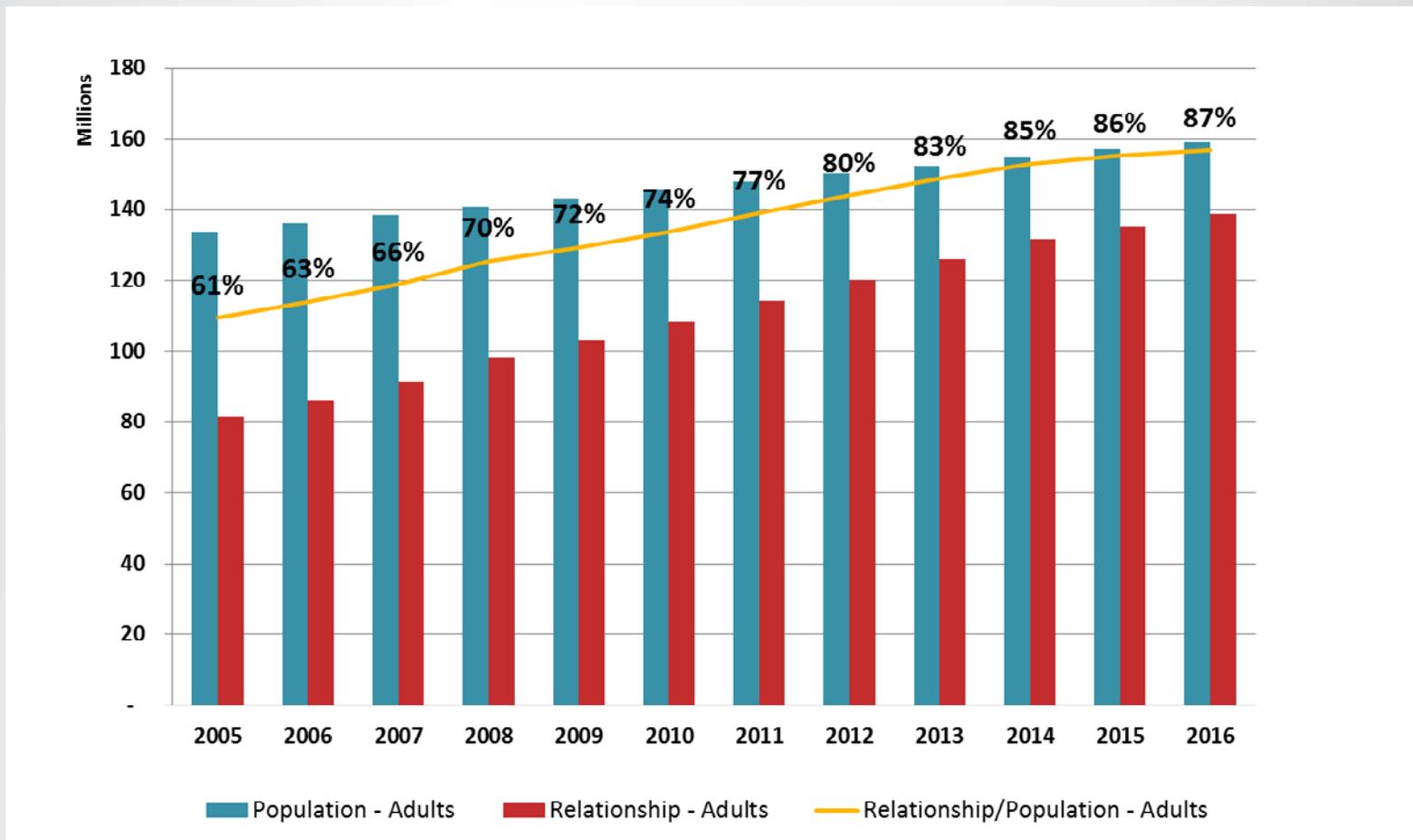
Scale	Municipalities
0	0
0 -> 2	3
2 -> 8	263
8 -> 15	1.519
Acima de 15	3.785

Source: BCB (UNICAD), IBGE

Note: ATMs and POS not considered

Access and use indicators – supply side

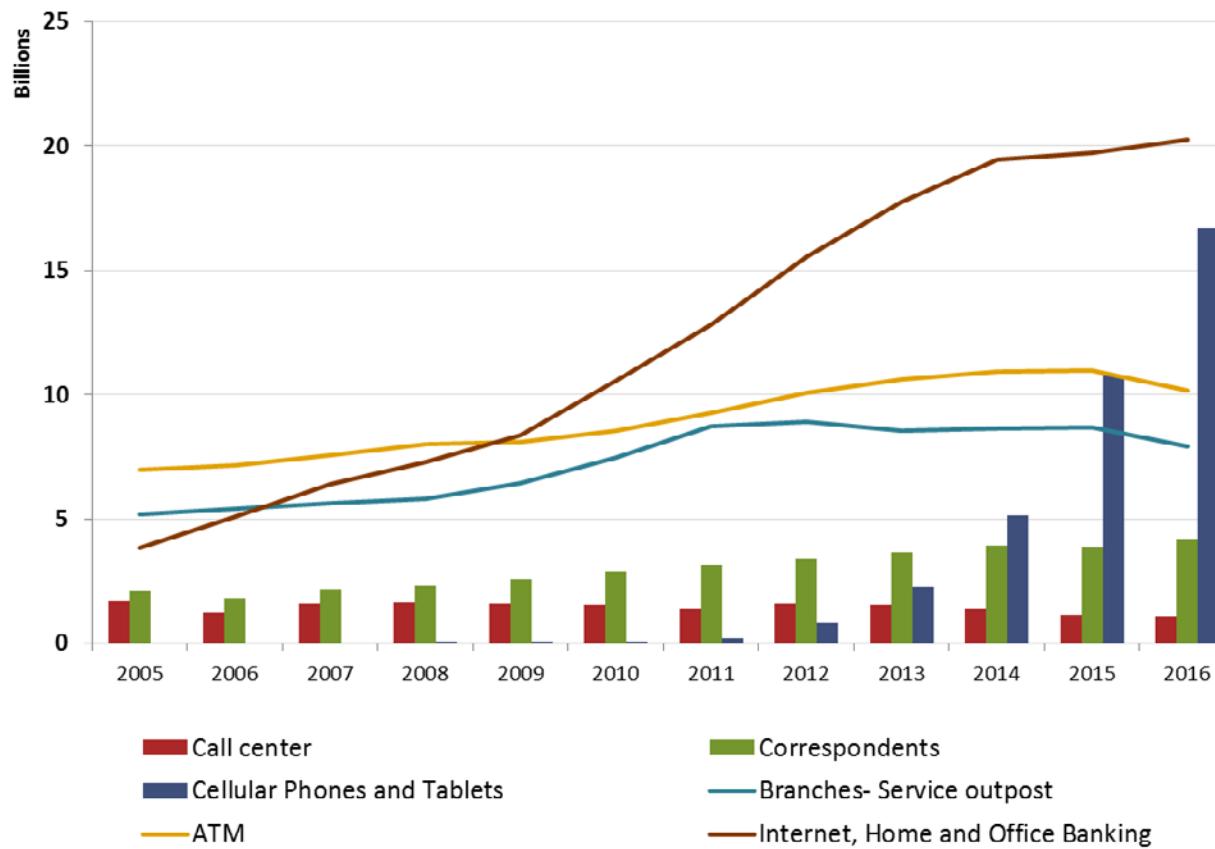
Adults with banking relationship



Source: BCB (CCS), SRF

Access and use indicators – supply side

Number of transactions per access channel

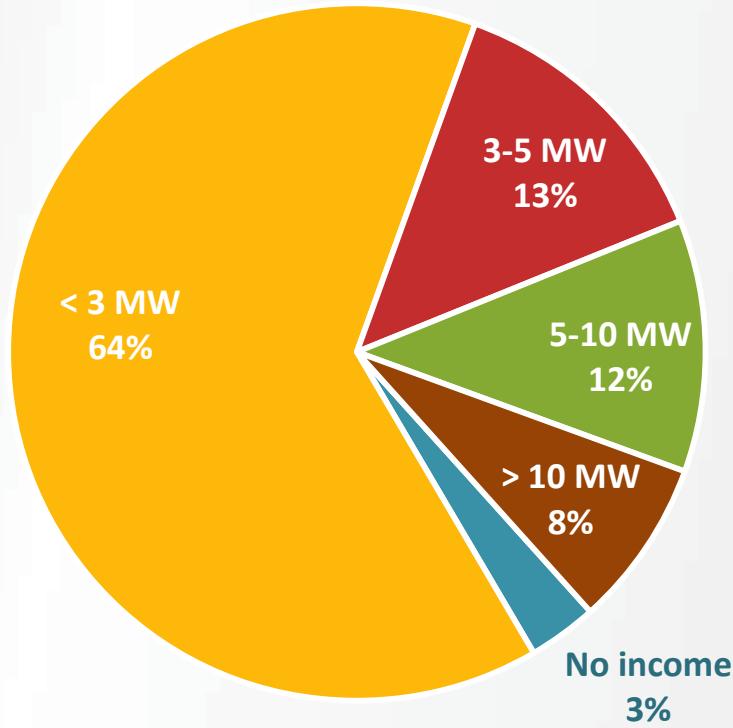


Source: BCB (DEBAN-SPB)

* Pagamentos, depósitos, transferências, crédito, saques, consultas.

Access and use indicators – supply side

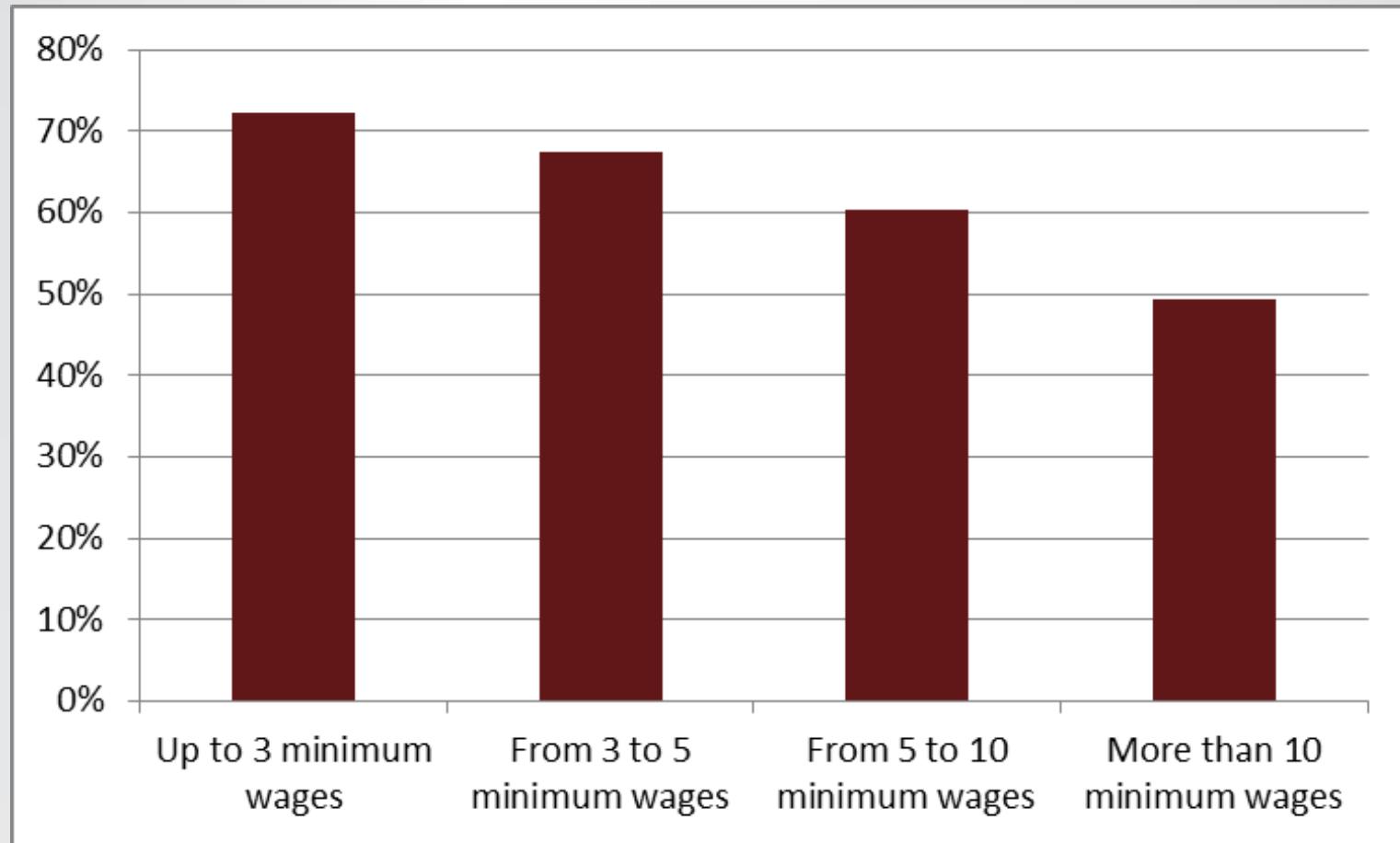
Credit takers by income bracket – 2016



Source: BCB (SCR)

Access and use indicators – supply side

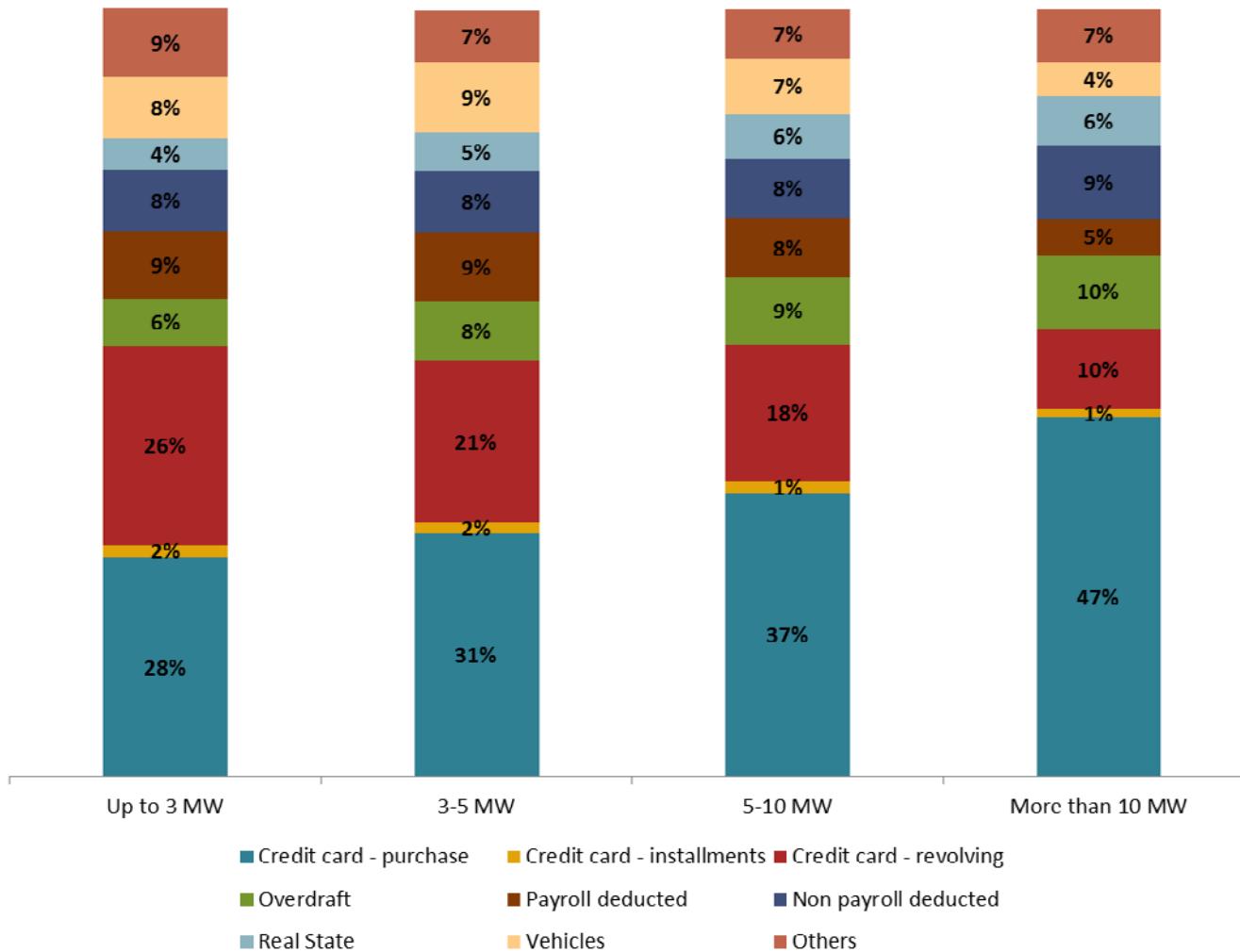
Indebtedness by income bracket – December 2016



Source: BCB (SCR)

Access and use indicators – supply side

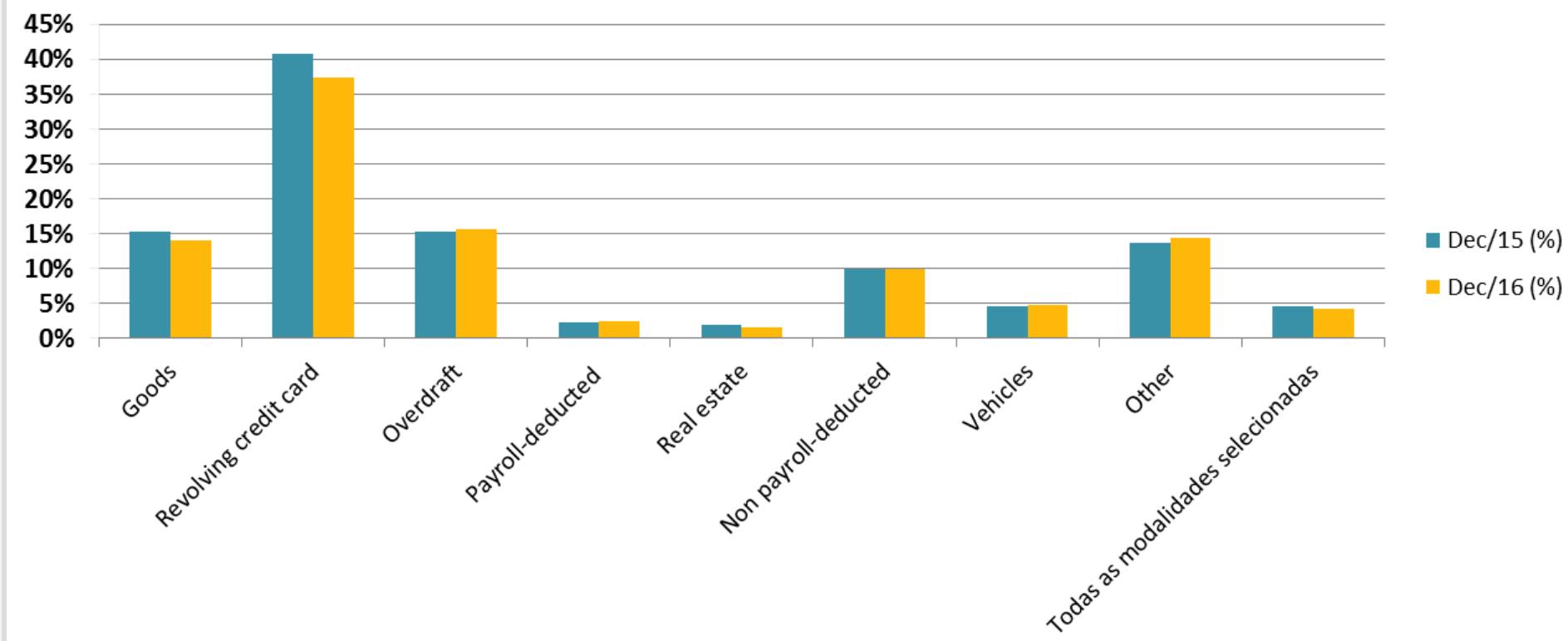
Debt service by income bracket and modality – 2016



Source:
BCB (SCR)

Access and use indicators – supply side

Non-performing credit rate by modality – 2016



Source: BCB (SCR)

Time Series Management System (SGS)

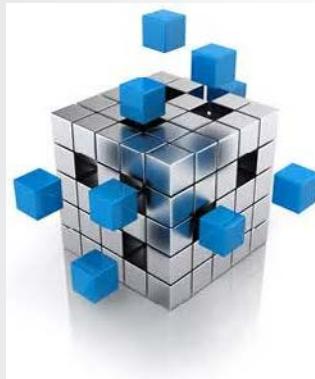
DW Expansion
Financial Inclusion
(MSE)

SGS + Open
Data Portal

2016

2016/17

SGS



Time Series Management System (SGS)



Time Series Management System - v2.1

Public module

[Search](#) | [My series lists](#) | [Configuration](#) | [Help](#) | [Login](#)

Initial → Search series → Find series

Search

Select periodicity

Select option
By subject →
By code →
By source →
Abedip and BCB-Dep →
No lists
Click [here](#) to create.

Ranking →
Disabled series →
Search for it (series name)

Advanced Search →

Find series - Select a subject

Economic activity

Real sector, labor market, price indicators

Regional economy

Information on the real sector, external sector, public finance and credit by states and regions

Market expectations

Over-Selic rates, exchange rates, foreign direct investments, commercial balance, trade balance in current accounts, prices, fiscal results, industrial production and GDP

Financial Inclusion

Financial Inclusion Indicators.

Monetary indicators

Monetary policy, monetary aggregates, financial system analytical accounts

Mercosur

Economic activity, monetary, fiscal and foreign sector indicators of Mercosur countries

External sector

Balance of payments, international trade in goods, international reserves, external debt, rollover rate and exchange rates

Special series

International economy

Economic activity indicators, financial indicators and foreign sector indicators of selected countries

Financial Stability

Financial stability and soundness indicators concerning National Financial System

Public finance

Net public debt and public sector borrowing requirements, Domestic securities, Treasury budget operations, Expenditures with the federal government person

Credit indicators

Financial system credit operations (volume according to economic activity, qua origin of the resources, interest rates)

Capital and financial markets

Financial investments, Financial market indicators, Capital market indicators, e

Monetary unification multipliers

Current monetary unit into current Reals converter

National private financial system - Total

Organization and operation of the National Financial System



[https://www3.bcb.gov.br/sgspub/localizarseries/localizarSeries.do?
method=prepararTelaLocalizarSeries](https://www3.bcb.gov.br/sgspub/localizarseries/localizarSeries.do?method=prepararTelaLocalizarSeries)

Series details



Time Series Management System - v2.1

Public module

[Search](#) | [My series lists](#) | [Configuration](#) | [Help](#) | [Login](#)

Initial → Search series → Find series

Search

Select periodicity

All

Select option

By subject →

By code →

By source →

Abedip and BCB-Dep

No lists
Click [here](#) to create.

Ranking →

Disabled series →

Search for it
(series name)

Advanced Search →

Find series - Select an item

■ Financial Indusion

- National financial system institutions
- Service points
- Relationship with the NFS
- Credit
- Credit Unions
- Consortium
- Microcredit

<https://www3.bcb.gov.br/sgspub/localizarseries/localizarSeries.do?method=prepararTelaLocalizarSeries>

Use and Quality of Financial Services Survey – 2014:

- 2500 adults, proportionally distributed among the country's regions.
- Main themes analyzed :
 - ✓ Ownership and use of bank accounts;
 - ✓ Financial planning;
 - ✓ Savings;
 - ✓ Access to credit;
 - ✓ Service channels – conflict resolution.

Financial inclusion and education survey – toolkit INFE/OCDE 2015 (BC/SERASA/IBOPE)

- 2,000 people between 18 and 79 years old.
- The survey positioned Brazil in relation to financial inclusion and education (knowledge, attitude and behavior). The participation of the country in the survey enables the comparison of the country with 29 other countries/economies.
- Some results:
 - ✓ About 48% of interviewees answered correctly at least 5 out of 7 questions about financial education knowledge.
 - ✓ Only 36% of families centralize financial issues in one of the members and prepare a domestic budget.
 - ✓ Only 30% saved in the last 12 months.
- It must be repeated.

Next Steps



Complementary databases

Incorporation of other databases in the construction of financial inclusion indicators and implementation of surveys:

- Federal Tax Revenue Authority
- FGC
- RAIS
- SME registry
- MDS – single registry
- IBGE



Work plan for 2017 BC/IBGE:

1. Survey proposal to be discussed during the 3rd Financial Citizenship Forum (Nov/2017), with the participation of IBGE and other public and private entities, interested in many ways in the theme, such as researchers, policymakers and others.
2. Adjustment period;
3. Implementation of the survey (POF – FC Module – IBGE's proposal) in 2018;
4. Results processing in 2019/20.