

### Credit Report

#### It's Not for a Lack of Credit – Part III: Delinquency, Way Better than It Seems

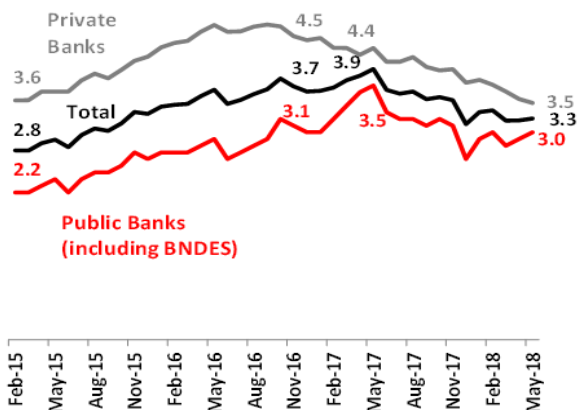
Maurício Molan\*

[mmolan@santander.com.br](mailto:mmolan@santander.com.br)

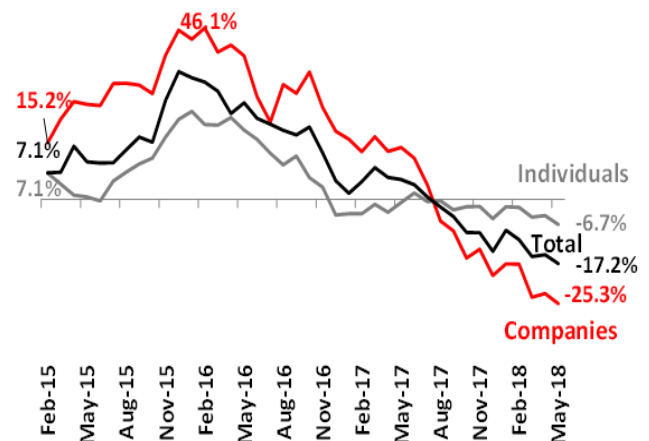
+55 11 3012 57 24

- We recently released two credit reports that highlight the strengths related to supply and demand in this market over the first five months of the year, both for households ("It's Not for Lack of Credit – Part I: Individuals" July 18, 2018), and for companies ("It's Not for Lack of Credit – Part II: Companies", July 20, 2018).
- We argued that, although the truck drivers' strike in May reduced GDP growth projections, the credit market's good fundamentals suggest a positive outlook for recovery throughout the second half of 2018.
- Our analysis of delinquency reinforces this thesis.
- Data released by the Brazilian monetary authority unequivocally illustrates, in our view, substantial and widespread improvement in indebted individuals and companies' ability to meet their payment obligations during 2017, and persisting into early 2018.
- The continuity of the substantial contraction, at the margin, of the stock of provisions suggests that delinquency indicators as a percentage of credit should resume their downward trajectory during the second half. This conclusion seems even more valid for companies, whose stock of unpaid debt has fallen at a rate of 4% in the last three months.

**Figure 1. Change in the Stock of Resources Considered Delinquent (year-on-year %), Public and Private Banks**



**Figure 2. Change in the Stock of Resources Considered Delinquent (year-on-year %), Individuals and Companies**



Source: Brazilian Central Bank.

**IMPORTANT DISCLOSURES/CERTIFICATIONS ARE ATTACHED.**

U.S. INVESTORS' INQUIRIES SHOULD BE DIRECTED TO SANTANDER INVESTMENT SECURITIES INC. AT (212) 583-4629 / (212) 350-3918.

\*Employed by a non-US affiliate of Santander Investment Securities Inc. and is not registered/qualified as a research analyst under FINRA rules, is not an associated person of the member firm, and therefore may not be subject to FINRA Rules 2241 and 2242 and incorporated NYSE Rule 472 restrictions.

## Introduction

We recently released two credit reports that highlight the strengths of supply and demand in this market over the first five months of the year, both for households (“It’s Not for Lack of Credit – Part I: Individuals”, July 18, 2018), and for companies (“It’s Not for Lack of Credit – Part II: Companies, July 20, 2018). We argued that, although the truck drivers’ strike in May reduced GDP growth projections and certainly led to distortions in indicators for the period immediately following the strike, the credit market’s good fundamentals suggest a positive outlook for a recovery during the second half of 2018.

Our analysis of delinquency, detailed below, reinforces this thesis.

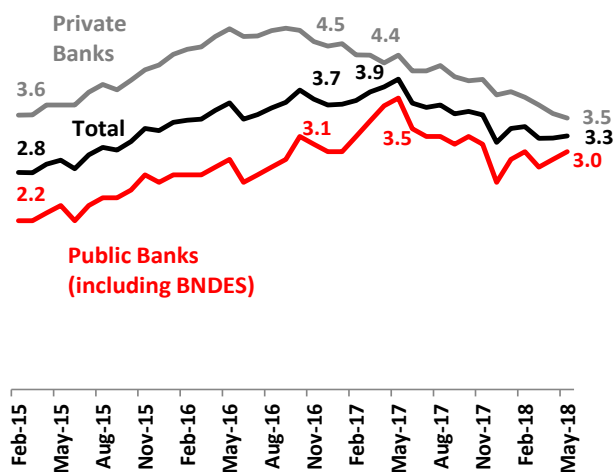
## Delinquency in a Consolidated Downtrend

Data released by the Brazilian monetary authority unequivocally illustrates, in our view, substantial and widespread improvement in indebted individuals and companies’ ability to meet their payment obligations during 2017, and persisting into early 2018. As we have already pointed out, in the case of companies, it is relevant to evaluate the differentiated dynamics between loans granted by private banks and those offered by public banks (especially the BNDES). In the first case, the reduction is much more intense and less volatile, while in the second, the delinquency/asset ratio seems to have fluctuated near stability in the initial months of 2018, which could suggest a weakening trend (see Figure 3).

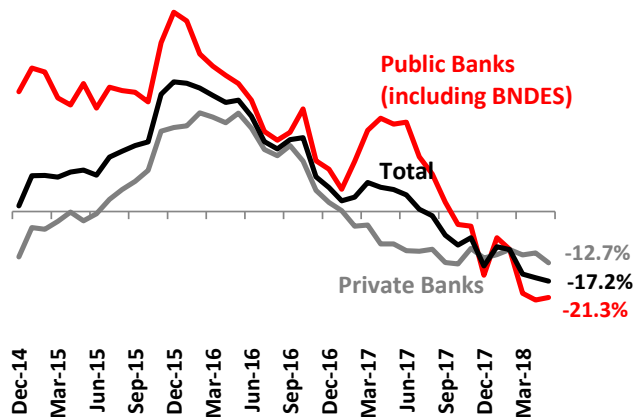
We highlight that public banks continued to act aggressively in the early moments of the recession, in contrast to the caution of private institutions, which anticipated the more challenging scenario that materialized in 2015 and 2016. As consequence, the inflection of the delinquency indicator of the former came almost a year later than the latter (Figure 3 astutely illustrates this point).

Likewise, it is interesting to observe the dynamics of the recovery in lending, reflecting and, at the same time, affecting the improvement in delinquency indicators, which occurred earlier for private institutions than public institutions.

**Figure 3. Delinquency Rate (Credit Stock %) Public and Private Banks**



**Figure 4. Change in the Stock of Resources Considered Delinquent (year-on-year %), Public and Private Banks**



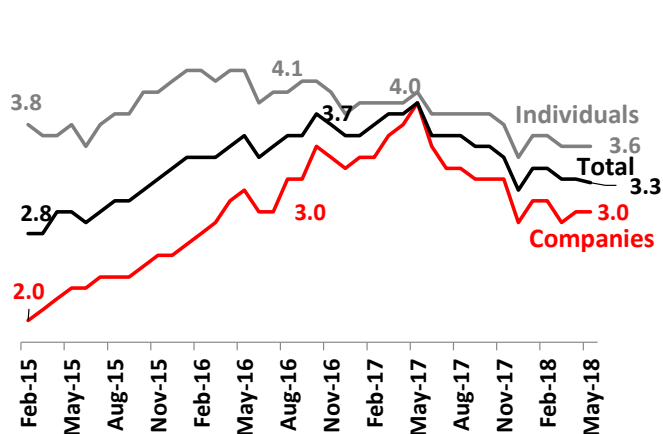
Source: Brazilian Central Bank.

An alternative way of analyzing what is happening with households and companies’ ability to pay off their debt is to eliminate the denominator effect, that is, to evaluate just the behavior of the stock of delinquent balances. Figure 4 (above) shows the year-on-year change in this balance. Notice how significant the magnitudes are: total reduction of 17% in the stock of delinquent funds in May 2018, compared to the same month of the previous year.

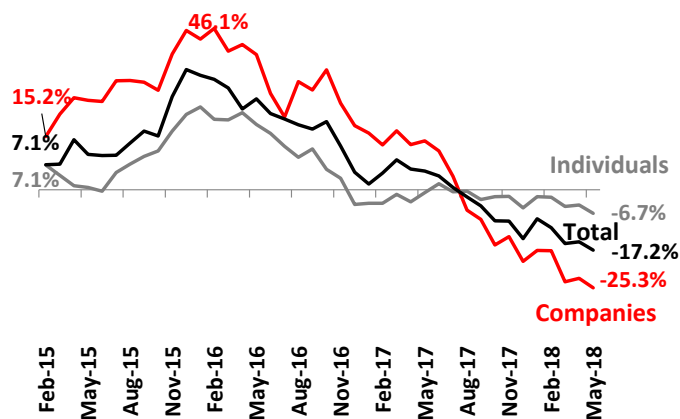
Considering that the data, at the margin, continue to show a decrease in the stock of loans considered delinquent, the stabilization or recovery of credit growth expected for the second half of 2018 will certainly lead to further reductions in delinquency/asset statistics.

The analysis of the data broken down by individuals and companies allows for similar conclusions: while the delinquency rate appears to have stabilized in both cases over the last few months (Figure 5), the continuation of the contraction, at the margin, of delinquent amounts suggests that the indicators tend to resume the downward trajectory. This conclusion seems even more valid for companies, whose stock of unpaid debt has fallen at a rate of 4% in the last three months.

**Figure 5. Delinquency Rate (Stock %) Individuals and Companies**



**Figure 6. Change in the Stock of Resources Considered Delinquent (year-on-year %), Individuals and Companies**



Source: Brazilian Central Bank.

Another factor that we believe will affect the delinquency dynamics in a favorable way is the recent approval of the positive register. The system tends to cheapen the cost of credit by reducing information asymmetry. The biggest beneficiaries, with lower credit costs and greater access to credit, are likely to be small and medium borrowers and creditors, given the reduction in system inefficiencies. Studies conducted for the U.S. economy indicate that there could be a reduction of up to 40% in delinquencies registered, over a number of years, as a result of the implementation of a positive register structure.

## Conclusion

As with credit performance in early 2018, the data suggest a trend of declining delinquency over the course of 2018, despite the temporary loss of steam by the economy that should characterize the months of June and July. The improvement in the financial situation of individuals and companies, as well as the approval of the positive register tend to contribute to increase the supply of funds and sustain the recovery of economic growth in the coming years.

## CONTACTS / IMPORTANT DISCLOSURES

### Macro Research

Maciej Reluga*	Head Macro, Rates & FX Strategy – CEE	maciej.reluga@bzwbk.pl	48-22-534-1888
Sergio Galván*	Economist – Argentina	sgalvan@santanderrio.com.ar	54-11-4341-1728
Maurício Molan*	Economist – Brazil	mmolan@santander.com.br	5511-3012-5724
Juan Pablo Cabrera*	Economist – Chile	jcabrera@santander.cl	562-2320-3778
Diana Ayala	Economist - Colombia	diana.ayala@santander.us	212-350-0979
Tatiana Pinheiro*	Economist – Peru	tatiana.pinheiro@santander.com.br	5511-3012-5179
Piotr Bielski*	Economist – Poland	piotr.bielski@bzwbk.pl	48-22-534-1888
Marcela Bensi6n*	Economist – Uruguay	mbension@santander.com.uy	5982-1747-5537

### Fixed Income Research

Diana Ayala	Macro, Rates & FX Strategy – Latin America	diana.ayala@santander.us	212-407-0979
Juan Arranz*	Chief Rates & FX Strategist – Argentina	jarranz@santanderrio.com.ar	5411-4341-1065
Juan Pablo Cabrera*	Chief Rates & FX Strategist – Chile	jcabrera@santander.cl	562-2320-3778
David Franco*	Macro, Rates & FX Strategy – Latin America	david.franco@santander.gcb.com	44-207-756-6633
Aaron Holsberg	Head of Credit Research	aholsberg@santander.us	212-407-0978

### Equity Research

Christian Audi	Head LatAm Equity Research	caudi@santander.us	212-350-3991
Andres Soto	Head, Andean	asoto@santander.us	212-407-0976
Walter Chiarvesio*	Head, Argentina	wchiarvesio@santanderrio.com.ar	5411-4341-1564
Nicolas Schild*	Head, Chile	nschild@santander.cl	5622-336-3361
Valder Nogueira*	Head, Brazil	jvalder@santander.com.br	5511-3012-5747
Pedro Balcao Reis*	Head, Mexico	pbalcao@santander.com.mx	5255-5269-2264

### Electronic Media

Bloomberg	SIEQ <GO>
Reuters	Pages SISEMA through SISEMZ

This report has been prepared by Santander Investment Securities Inc. ("SIS"; SIS is a subsidiary of Santander Holdings USA, Inc. which is wholly owned by Banco Santander, S.A. "Santander"), on behalf of itself and its affiliates (collectively, Grupo Santander) and is provided for information purposes only. This document must not be considered as an offer to sell or a solicitation of an offer to buy any relevant securities (i.e., securities mentioned herein or of the same issuer and/or options, warrants, or rights with respect to or interests in any such securities). Any decision by the recipient to buy or to sell should be based on publicly available information on the related security and, where appropriate, should take into account the content of the related prospectus filed with and available from the entity governing the related market and the company issuing the security. This report is issued in Spain by Santander Investment Bolsa, Sociedad de Valores, S.A. ("Santander Investment Bolsa"), and in the United Kingdom by Banco Santander, S.A., London Branch. Santander London is authorized by the Bank of Spain. This report is not being issued to private customers. SIS, Santander London and Santander Investment Bolsa are members of Grupo Santander.

**ANALYST CERTIFICATION:** The following analysts hereby certify that their views about the companies and their securities discussed in this report are accurately expressed, that their recommendations reflect solely and exclusively their personal opinions, and that such opinions were prepared in an independent and autonomous manner, including as regards the institution to which they are linked, and that they have not received and will not receive direct or indirect compensation in exchange for expressing specific recommendations or views in this report, since their compensation and the compensation system applying to Grupo Santander and any of its affiliates is not pegged to the pricing of any of the securities issued by the companies evaluated in the report, or to the income arising from the businesses and financial transactions carried out by Grupo Santander and any of its affiliates: Mauricio Molan\*.

\*Employed by a non-US affiliate of Santander Investment Securities Inc. and not registered/qualified as a research analyst under FINRA rules, and is not an associated person of the member firm, and, therefore, may not be subject to the FINRA Rule 2242 and Incorporated NYSE Rule 472 restrictions on communications with a subject company, public appearances, and trading securities held by a research analyst account.

The information contained herein has been compiled from sources believed to be reliable, but, although all reasonable care has been taken to ensure that the information contained herein is not untrue or misleading, we make no representation that it is accurate or complete and it should not be relied upon as such. All opinions and estimates included herein constitute our judgment as at the date of this report and are subject to change without notice.

Any U.S. recipient of this report (other than a registered broker-dealer or a bank acting in a broker-dealer capacity) that would like to effect any transaction in any security discussed herein should contact and place orders in the United States with SIS, which, without in any way limiting the foregoing, accepts responsibility (solely for purposes of and within the meaning of Rule 15a-6 under the U.S. Securities Exchange Act of 1934) for this report and its dissemination in the United States.

© 2018 by Santander Investment Securities Inc. All Rights Reserved.

