INDUSTRY NOTE USA | Financials

Consumer Finance

February 22, 2013

Jefferies

Consumer Finance Return of the Sub-Prime Credit Card? Data Doesn't Show It

Key Takeaway

As several media outlets proclaim the "return of the sub-prime credit card", we have analyzed 7 years of FICO score data, via credit card securitizations representing roughly one-fourth of total revolving consumer credit outstanding, and have found that lenders continue to reign in risky lending, reducing credit outstanding to sub-prime borrowers (<660 FICO) to the tune of \$15B over the past 12 months, and roughly \$122B since '09.

Major Issuers Still Reigning in Lending to Risky Borrowers - Credit card securitization data shows that over the past 12 months, five major card issuers (JPM, COF, BAC, AXP, DFS - representing 25% of total revolving consumer credit) have continued to reduce outstanding balances to sub-prime borrowers while increasing loans to those borrowers with FICO scores above 660.

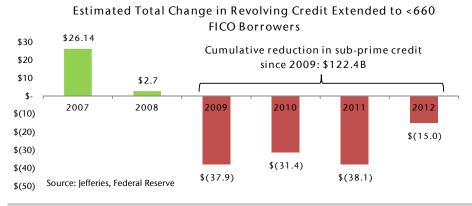
We estimate \$15B in Total Subprime Credit Reduction in LTM - Extrapolating changes at the credit card trusts to the total outstanding amount of revolving consumer credit, we estimate that ~\$15B in total credit has been removed from <660 FICO borrowers and \$17B has been extended >660 FICO borrowers in the past 12 months.

Riskiest Borrowers See Largest Contraction, Banks Not Likely Coming Back -Sub-600 FICO balances contracted the most, which we estimate contracted \$12B over the past 12 months. This follows roughly a \$23B outflow in '10 and a \$30B outflow in '11. Although credit contraction to this bottom rung of borrowers appears to be slowing, we don't expect banks and card lenders to meaningfully re-engage with the customers for the foreseeable future due to the CARD act and other issues.

\$122B in Bank Credit Removed from Subprime Since '09 - We estimate that since 2009, approximately \$122B in sub-prime (<660 FICO) credit availability has been removed, or roughly 2x the total estimated loan production for pawn and payday lenders in 2012.

Stock Implications:

COF has double the exposure to sub-prime balances versus the other major issuers - we see higher payroll taxes and delayed tax returns having an out-sized impact on credit metrics in the near term. We expect continued modest loan growth at COF, with AXP and DFS continuing to outpace the industry with a focus on low-yielding, promotional balances. Industry wide net interest margins should remain subdued as higher yielding, riskier accounts remain out-of favor due to the difficulties in re-pricing post CARD act and continued weak performance of the US economy. We expect the underbanked industry (FCFS, CSH, DLLR, RM, CRMT) continues to benefit from incremental customers as banks continue to shift resources away from lower credit quality customers.



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Media Points to Return of Sub Prime Lending:

"Credit card lenders gave out 1.1 million new cards to borrowers with damaged credit in December, up 12.3 percent from the same month a year earlier, according to Equifax's credit trends report released in March."

Lenders Again Dealing to Risky Clients, **The New York Times**, April 10th, 2012

Return of the Subprime Credit Card? The Data Disagrees.

Portfolio Manager's Summary:

As several media outlets proclaim the "return of the sub-prime credit card", we have analyzed roughly one-fourth of the total revolving consumer credit outstanding via credit card securitizations, and have found that lenders continue to reign in risky lending, reducing exposure to risky borrowers and increasing exposure to more credit worthy borrowers.

Data Highlights:

- Changes in credit card securitization data from five different issuers (representing 25% of the Fed's total revolving consumer credit estimate) lead us to believe that the total amount of revolving <u>credit</u> <u>extended to borrowers with FICO scores below 660 has been reduced</u> <u>by \$15B in the past year</u>.
- We estimate that since 2009, approximately \$122B in sub-prime (<660 FICO) credit availability has been removed, or roughly 2x the total estimated loan production for pawn and payday lenders.
- Sub-600 FICO balances contracted the most, which we estimate contracted by \$12B over the past 12 months. This follows roughly a \$23B outflow in '10 and a \$30B outflow in '11.
- Issuers have INCREASED the percentage of their portfolios comprised of prime balances, or those with FICO scores above 720, now at a multi-year high of 55%, up from just 41% in 2006.

Stock/Industry Implications:

- COF has double the exposure to sub-prime balances we see higher payroll taxes and delayed tax returns having an outsized impact on credit metrics in the near term.
- While the pace of contraction to sub-600 borrowers has slowed, we don't expect banks or card lenders to meaningfully reengage with these customers for the foreseeable future due to the CARD act and other issues.
- We see continued modest loan growth at COF, with AXP and DFS continuing to outpace the industry with a focus on low-yielding promotional balances.
- We expect industry wide net interest margins to remain subdued as higher yielding, riskier accounts, remain out-of favor due to the difficulties in re-pricing post CARD act and continued weak performance of the US economy.
- We expect the underbanked industry (FCFS, CSH, DLLR, RM, CRMT) continues to benefit from incremental customers as banks continue to shift resources away from lower credit quality customers.

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Chart 1: FICO Score & DQ Rate

FICO	Est. Delinquency	
Score	Rate	
300-499	87%	
500-549	71%	
550-599	51%	
600-649	31%	
650-699	15%	
700-749	5%	
750-799	2%	
800+	1%	

Source: myFICO.com

Our Methodology

Using publicly available data from credit card master trust filings spanning seven years, we have attempted to quantify how lending patterns have changed towards different segments of borrowers, specifically those classified as "unbanked" or "underbanked", the customer base targeted by many specialty lenders. Given that most filings classify receivables into only four FICO ranges, we have determined these customers would be best represented by the bottom rung, the "<600 FICO" category. The high delinquency rates associated with this category of greater than 50% support our assumption.

For our data set we have included only those trusts that have had recent prospectus filings in 2013 or late 2012, as well as at least one prospectus filing every year since 2006. We estimate our analysis of \$210B+ in credit card receivables captures roughly 25% of the total amount of revolving consumer credit outstanding as calculated by the Federal Reserve's G.19 release as of Q4'12.

Chart 2:	Trusts	Included	in	Our	Analy	ysis
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	Latest		
	Refresh		Total
	Date	Re	cievables
Trust	Available	(\$B)	
Chase Issuance Trust	Nov'12	\$	48.29
Bank of America Master Trust	Jan'13	\$	62.30
Capital One Multi Asset Execution Trust	Oct'12	\$	33.69
Discover Card Master Trust	Dec'12	\$	34.78
American Express Credit Account Master Trust	Sept'12	\$	31.04
TOTAL		\$	210.11
Total Revolving Consumer Credit Outstanding C	24'12	\$	849.8

Trust Receivables as a % of Total Revolving Credit	24.7%

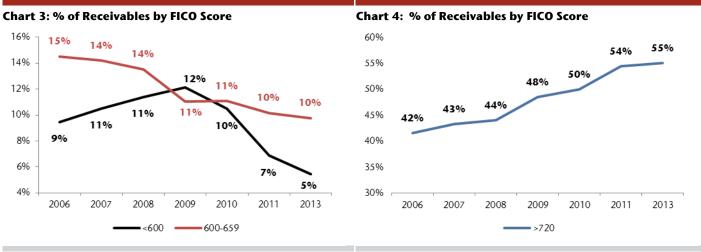
Source: Jefferies, SEC Filings Note: Citi Card Master Trust excluded due to changes in scoring methodology in 2011.

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Then and Now: More Prime Exposure

Not surprisingly, over the past several years as credit quality has deteriorated, banks have reduced exposure to the riskiest customers while increasing lending to those with better than average credit. Lending to those with FICO scores above 720 now accounts for almost 55% of trust receivables, up from 42% in 2006. Conversely, lending to borrowers with scores below 600 has declined from about 12% of trust receivables to 5% over the same time frame.

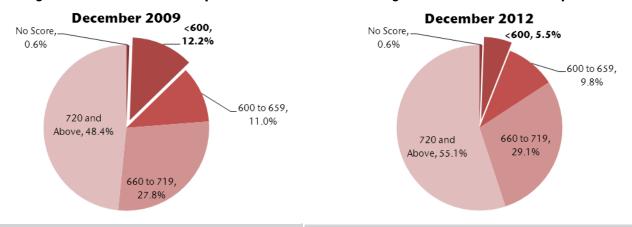


Source: Jefferies Source: Jefferies

Sub 600 FICO Sees the Biggest Adjustment

Looking specifically at the <600 bucket, which would encompass most of those customers who might seek specialty loan products, our estimates indicate that subprime credit card lending peaked in 2009 when the percentage of receivables housed within the average master trust was 12.2%. Since 2009 this category has been roughly reduced by half, as the latest data shows the average trust now holds 5.5% of receivables with FICO score below 600.

Chart 5: Average Credit Card Portfolio Composition - YE'09 Chart 6: Average Credit Card Portfolio Composition- YE'12



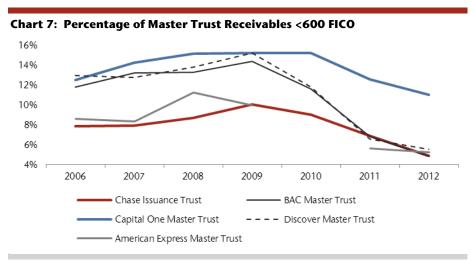
Source: Jefferies Source: Jefferies

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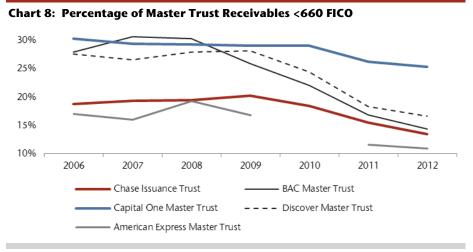
Most Lenders Readjust Post Crisis, Capital One Maintains Barbell Approach

Since sub-prime lending peaked in 2009, all card issuers have seen a reduction in the percentage of their portfolios comprised of lower credit quality borrowers. Discover and Bank of America reduced exposure to <600 FICO accounts the most, as the percentage of the trust comprised of sub-600 FICO accounts declined 969bps and 956bps, respectively, from 2009 to 2012. The reduction in sub-600 FICO exposure at Chase (512bps), and American Express (469bps) was less aggressive, while Capital One was saw the lowest decline of 424bps.



Source: Jefferies, SEC Filings. Note: Year End 2010 Data for AXP unavailable.

In the <660 FICO bucket, again Discover and Bank of America reduced exposure to <660 FICO accounts the most, as the percentage of the trust comprised of sub-660 FICO accounts declined 1162bps and 1151bps, respectively, from 2009 to 2013. The reduction in sub-660 FICO exposure at Chase (676bps), and American Express (584bps) was less aggressive, while Capital One saw a relatively modest decline at 372bps.



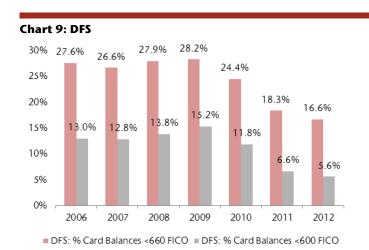
Source: Jefferies, SEC Filings. Note: Year End 2010 Data for AXP unavailable.

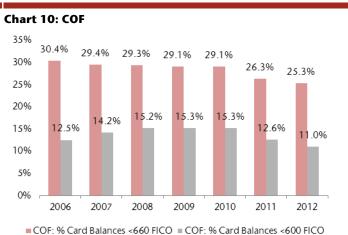
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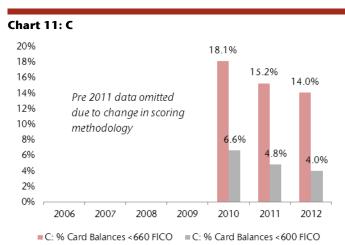
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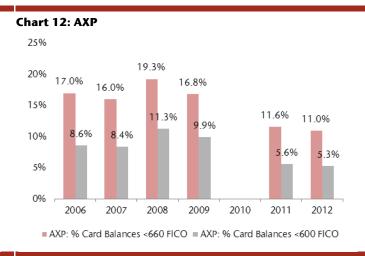
Capital One Maintains Higher Risk Exposure

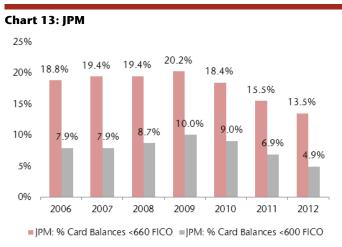
Capital One remains most exposed to the riskiest borrowers with sub-600 FICO exposure roughly 2x that of card issuing peers on average. Further, sub-660 FICO exposure is nearly 2x the peer group, on average, at 25.3%.

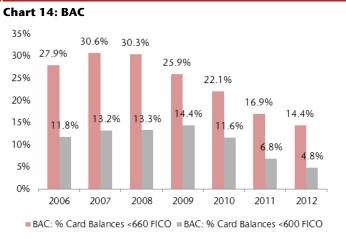












Source: Jefferies, SEC Filings

Source: Jefferies, SEC Filings. Note: AXP YE'10 data unavailable.

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Extrapolating our Findings

Using the latest Federal Reserve estimate for revolving consumer credit, we can extrapolate changes in the trusts to estimate changes for the entire consumer credit market in the US. While we recognize that not all lenders may have responded to the crisis in the same way, we take comfort in the fact that our sample size represents 24.7% of the total amount of consumer credit outstanding and can serve as a decent proxy for changes in the overall consumer credit market.

By extrapolating our findings from the master trusts to the Fed estimates in Q4'11 and Q4'12, we estimate that from 2011 to 2012, credit to <660 borrowers has been reduced by nearly \$15B, with ~\$12B removed from <600 FICO borrowers and ~\$3B from 600-659 FICO borrowers. We estimate that higher FICO borrowers saw an increase of \$17.3B in credit over the same time frame.

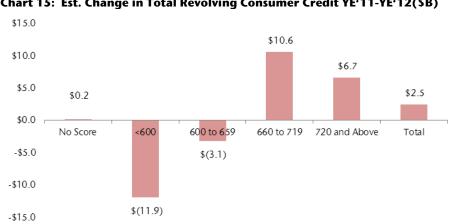
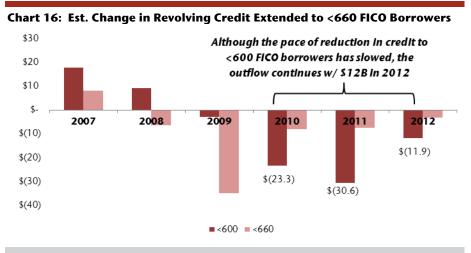


Chart 15: Est. Change in Total Revolving Consumer Credit YE'11-YE'12(\$B)

Source: Jefferies, Federal Reserve

Looking back to 2009, while the pace of reduction in credit to <600 FICO borrowers has slowed, we don't expects banks and card lenders to meaningfully reengage with these customers for the foreseeable future.

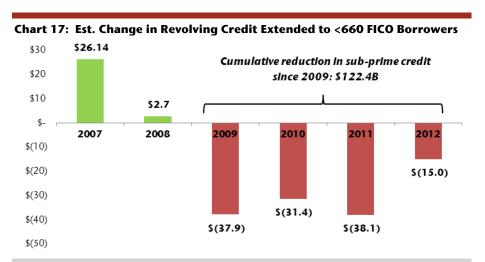


Source: Jefferies, Federal Reserve

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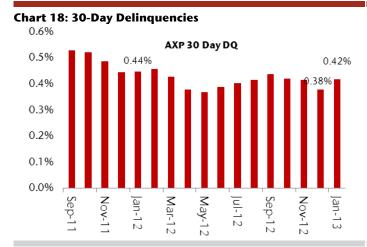
Looking back to 2009, we estimate that the total decline in credit availability to <660 FICO borrowers to be approximately \$122B, with the majority (\$77B) coming out of the hands of <600 FICO borrowers. We note that over the same time, the Fed's G:19 revolving credit has decreased by a total of \$160B. Thus, the reduction in credit to sub-prime borrowers represents about 76% of the total.

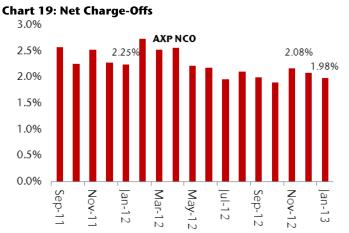


Source: Jefferies, Federal Reserve

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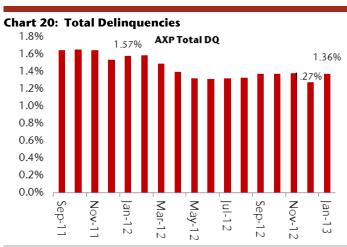
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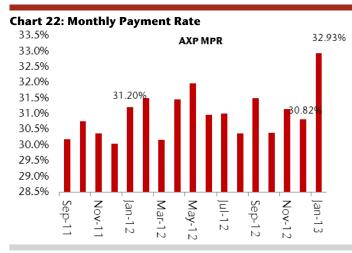
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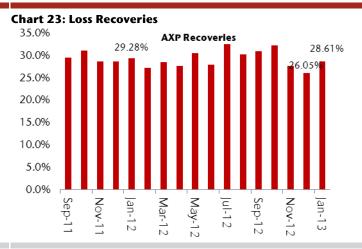




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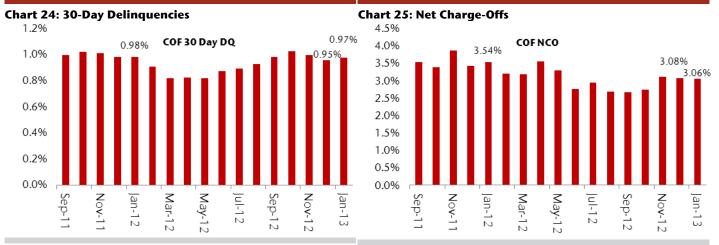




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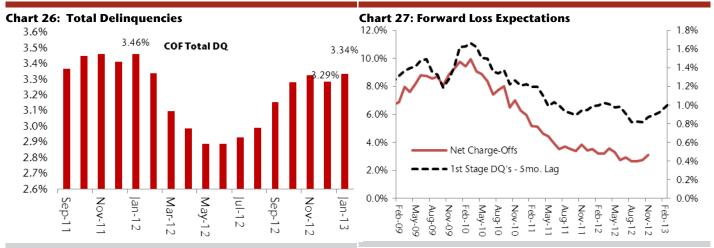
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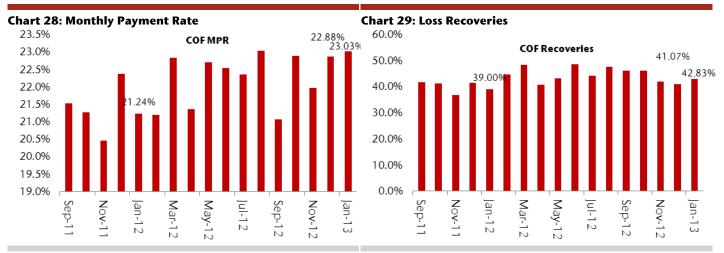
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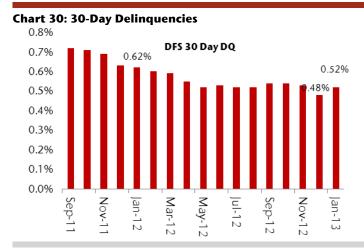
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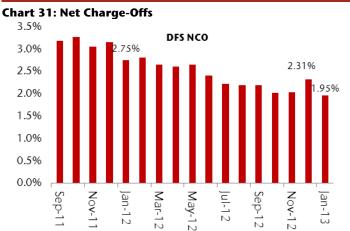


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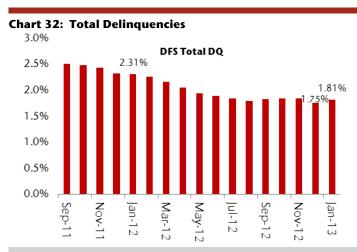
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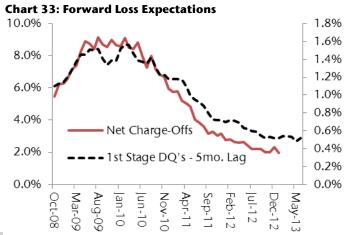




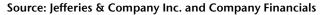
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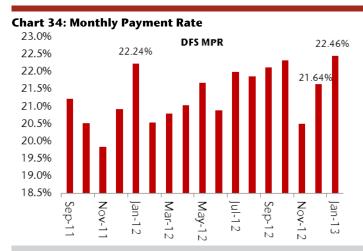
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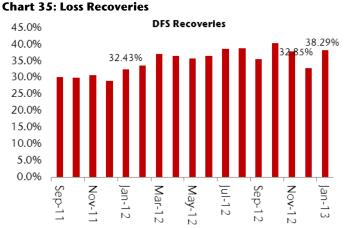




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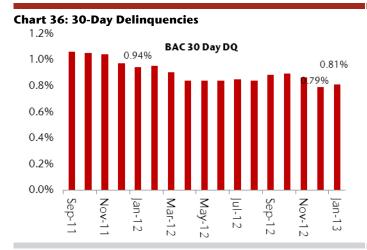


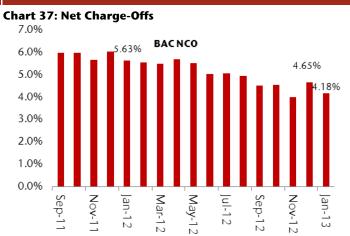


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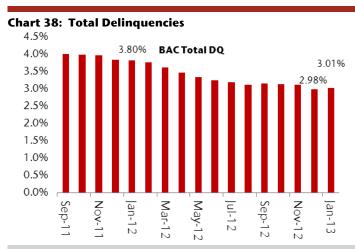
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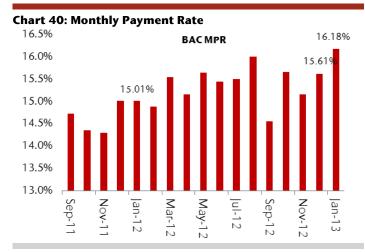
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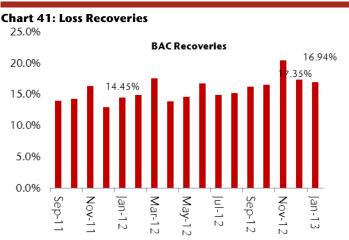




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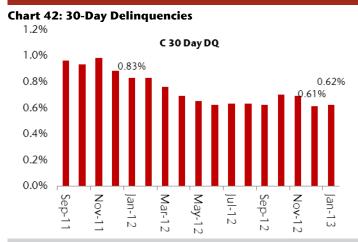


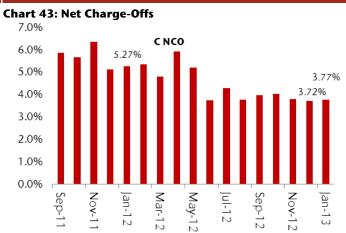


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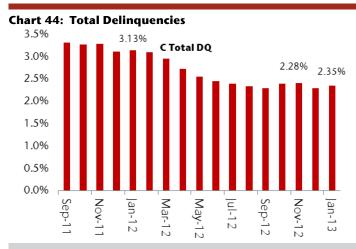
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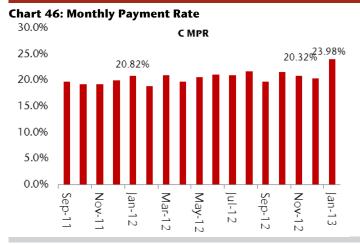
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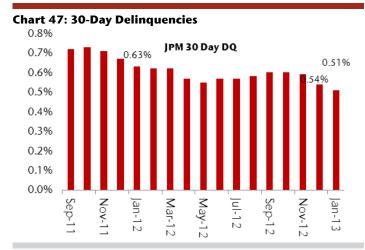
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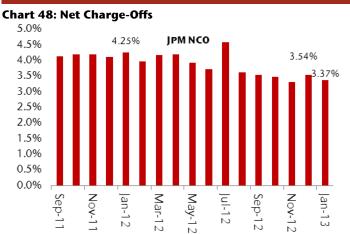


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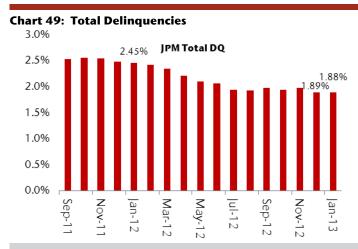
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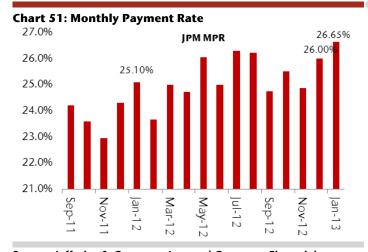
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Company Specific Disclosures

For Important Disclosure information on companies recommended in this report, please visit our website at https://javatar.bluematrix.com/sellside/Disclosures.action or call 212.284.2300.

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Buy - Describes stocks that we expect to provide a total return (price appreciation plus yield) of 15% or more within a 12-month period.

Hold - Describes stocks that we expect to provide a total return (price appreciation plus yield) of plus 15% or minus 10% within a 12-month period. Underperform - Describes stocks that we expect to provide a total negative return (price appreciation plus yield) of 10% or more within a 12-month period.

The expected total return (price appreciation plus yield) for Buy rated stocks with an average stock price consistently below \$10 is 20% or more within a 12-month period as these companies are typically more volatile than the overall stock market. For Hold rated stocks with an average stock price consistently below \$10, the expected total return (price appreciation plus yield) is plus or minus 20% within a 12-month period. For Underperform rated stocks with an average stock price consistently below \$10, the expected total return (price appreciation plus yield) is minus 20% within a 12-month period.

NR - The investment rating and price target have been temporarily suspended. Such suspensions are in compliance with applicable regulations and/or Jefferies policies.

CS - Coverage Suspended. Jefferies has suspended coverage of this company.

NC - Not covered. Jefferies does not cover this company.

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Monitor - Describes stocks whose company fundamentals and financials are being monitored, and for which no financial projections or opinions on the investment merits of the company are provided.

Valuation Methodology

Jefferies' methodology for assigning ratings may include the following: market capitalization, maturity, growth/value, volatility and expected total return over the next 12 months. The price targets are based on several methodologies, which may include, but are not restricted to, analyses of market risk, growth rate, revenue stream, discounted cash flow (DCF), EBITDA, EPS, cash flow (CF), free cash flow (FCF), EV/EBITDA, P/E, PE/growth, P/CF, P/FCF, premium (discount)/average group EV/EBITDA, premium (discount)/average group P/E, sum of the parts, net asset value, dividend returns, and return on equity (ROE) over the next 12 months.

Conviction List Methodology

- 1. The aim of the conviction list is to publicise the best individual stock ideas from Jefferies Global Research
- 2. Only stocks with a Buy rating are allowed to be included in the recommended list.
- 3. Stocks are screened for minimum market capitalisation and adequate daily turnover. Furthermore, a valuation, correlation and style screen is used to ensure a well-diversified portfolio.
- 4. Stocks are sorted to a maximum of 30 stocks with the maximum country exposure at around 50%. Limits are also imposed on a sector basis.
- 5. Once a month, analysts are invited to recommend their best ideas. Analysts' stock selection can be based on one or more of the following: non-Consensus investment view, difference in earnings relative to Consensus, valuation methodology, target upside/downside % relative to the current stock price. These are then assessed against existing holdings to ensure consistency. Stocks that have either reached their target price, been downgraded over the course of the month or where a more suitable candidate has been found are removed.
- 6. All stocks are inserted at the last closing price and removed at the last closing price. There are no changes to the conviction list during the month.
- 7. Performance is calculated in US dollars on an equally weighted basis and is compared to MSCI World AC US\$.
- 8. The conviction list is published once a month whilst global equity markets are closed.

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- 9. Transaction fees are not included.
- 10. All corporate actions are taken into account.

Risk which may impede the achievement of our Price Target

This report was prepared for general circulation and does not provide investment recommendations specific to individual investors. As such, the financial instruments discussed in this report may not be suitable for all investors and investors must make their own investment decisions based upon their specific investment objectives and financial situation utilizing their own financial advisors as they deem necessary. Past performance of the financial instruments recommended in this report should not be taken as an indication or guarantee of future results. The price, value of, and income from, any of the financial instruments mentioned in this report can rise as well as fall and may be affected by changes in economic, financial and political factors. If a financial instrument is denominated in a currency other than the investor's home currency, a change in exchange rates may adversely affect the price of, value of, or income derived from the financial instrument described in this report. In addition, investors in securities such as ADRs, whose values are affected by the currency of the underlying security, effectively assume currency risk.

Other Companies Mentioned in This Report

- America's Car-Mart (CRMT: \$47.22, HOLD)
- American Express Co. (AXP: \$61.54, HOLD)
- Capital One Financial Corporation (COF: \$52.21, BUY)
- Cash America International, Inc. (CSH: \$51.00, HOLD)
- DFC Global Corp. (DLLR: \$19.16, HOLD)
- Discover Financial Services (DFS: \$38.33, BUY)
- First Cash Financial Services, Inc. (FCFS: \$54.42, BUY)
- Regional Management Corporation (RM: \$17.47, BUY)

Distribution of Ratings

			IB Serv./Pa	Serv./Past 12 Mos.
Rating	Count	Percent	Count	Percent
BUY	733	46.19%	122	16.64%
HOLD	723	45.56%	84	11.62%
UNDERPERFORM	131	8.25%	2	1.53%

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