

## **MBS Mantra March 2018 returns:** +1.56% Net, +1.62% Gross, +2.03% YTD

Hello. Please find attached the March 2018 Fact Sheet for our MBS Absolute Return Strategy. This can be accessed from our <u>website</u> as well.

Our returns for March are +1.56% net, +1.62% gross, with a cumulative YTD return of 2.03%, handily outperforming all our benchmarks for both the month and the year!

As we noted in our last month's newsletter, we added more clients. Given the high volatility in the markets, we have been cautious in investing the new AUM, and our March returns reflect both a "drag from cash", as well as MBS cashflow delays. To provide continuity with the previous results, the March returns of the MBS portfolios without the new AUM were 1.70% net, 1.78% gross.

The overall portfolio total cashflow in March was once again within the expected range (2% to 5% cashflow) at  $\sim$ 2.6%. The significant cashflow percentage keeps our portfolio average life and duration low. We also reinvest in bonds with high returns from cashflow, allowing us to generate a portfolio return that is higher than the generic bond market.

As the statistics in the Fact Sheet show, our portfolio has very low correlations and R-squareds with other assets classes, that, together with the already-low Betas (shown in our <u>Oct 2017 newsletter</u>), make our strategy and portfolio very valuable for asset allocation and portfolio construction.

The reason for these low correlations is our focus on returns from cashflow (income), that we believe provides the highest predictability for MBS total returns. This maximizes portfolio risk-adjusted returns and dampens returns volatility from price changes, reducing correlation with the broader market, and allowing us to generate relatively high returns and income, without leverage, in a low volatility, low yielding environment.

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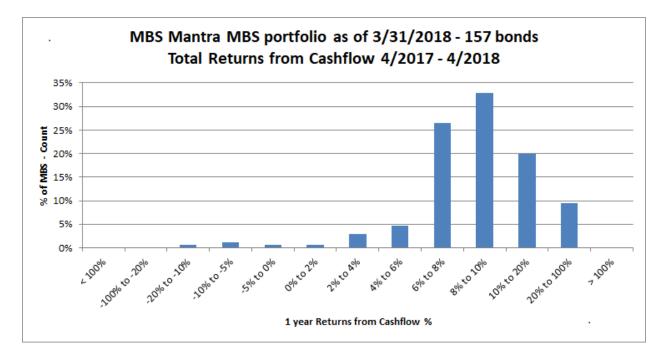
The following charts and analysis might facilitate understanding of why our returns differ from those of the 'market'.

For this analysis, we look at the total return from cashflow alone, from April 2017 to April 2018, and compare the distributions of returns of bonds in MBS Mantra's portfolios with those offered in the marketplace.

There are a number of assumptions and simplifications - reinvestment rate is 0, and prices are assumed to have not changed. Also there is no weighting by invested size.

This chart shows the distribution of returns from cashflow for the previous 1 year period, using MBS Mantra's portfolio holdings as of 3/31/2018. Cost prices are assumed, ignoring the actual purchase dates, to allow for comparison with the distribution of returns of bonds in the Non Agency market.

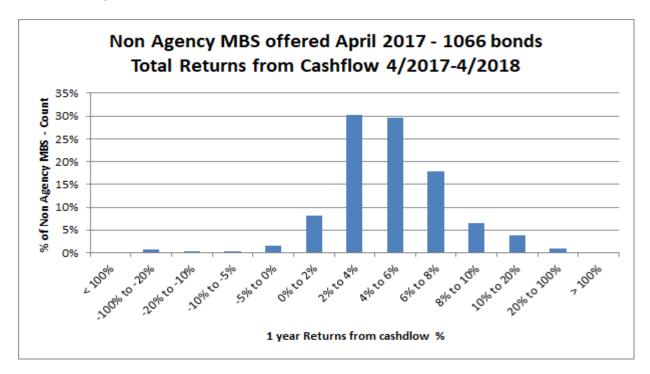
89% of MBS Mantra holdings had 1 year returns from cashflow of greater than 6%. The average return from cashflow was 10.8%, buffering the risk of price change.



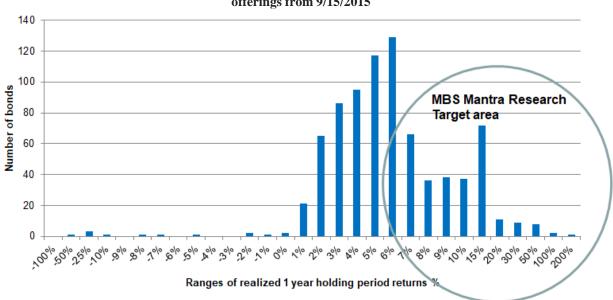
The next chart shows the distribution of realized returns for the Non Agency MBS offered to us in the market - 1066 bonds - on a specific date in April 2017. The offered prices are used to compute the returns, using actual cashflows received by those bonds over the following year.

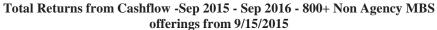
Only 29% of the Non Agency MBS offered in the market had 1 year returns from cashflow greater than 6% over this period - the average return was 5.01%. (Most market participants would agree that 5% is the 'yield' of Non Agency MBS, and yields on most new issues are even lower, reflecting the rate environment.)

However, this implies that there are significant amounts (29%) of MBS available in the market with returns from cashflow greater than 6% - this is the sandbox in which we invest and reinvest.



A similar distribution has been typical of the returns available in the market at various points in time. Here is another snapshot from 2015:





MBS Mantra's research and process focuses on identification of bonds in the secondary markets with high returns from cashflow - those in the right tail of the market distribution of returns from cashflow.

This process was created in the 1990s while I was in MBS research, in response to the realization that <u>industry</u> models of MBS 'yields' were largely not predictive of MBS total returns (yield is only an estimate of total return to maturity).

Bonds with high returns from cashflow that were overlooked by models and market participants could be found with a systematic process. This process to trade, invest in MBS, and create portfolios has been used and refined since the 1990s.

Please call with questions or comments.

Regards, Samir.

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