THIS DOCUMENT SHOULD NOT BE REPRODUCED IN ANY FORM WITHOUT PRIOR WRITTEN APPROVAL

City of Aurora

Investment management quarterly report October 2018



Part of BNY MELLON

US Fixed Income commentary Third quarter 2018



The Federal Reserve (Fed) raised the overnight federal funds borrowing rate for the third time this year at its regular meeting in September. Consistent with what has been a strong US economy and labor market, the borrowing rate corridor was raised to 2.0% to 2.25%. The Summary of Economic Projections also included its first projection for 2021 and the Fed opted to cease describing policy as "accommodative" in the statement. Fed members expect a modestly restrictive policy stance relative to historical norms as the projected 3.4% policy rate is higher than the long run "normal" rate of 3.0%. Importantly, Chairman Powell has recently emphasized a "risk management" approach to monetary policy and has repeatedly downplayed the importance of these projections over longer periods of time.

Treasury yields migrated higher during the third quarter in expectation of this change in Fed policy. After characteristically suffering though low summer trading volumes and bouts of market stress from emerging market angst, 2-year Treasury notes continued its upward trend, climbing 29bp for the quarter to finish at 2.82%. Longer-term 10-year and 30-year tenors finished the quarter higher in yield at 3.06% and 3.21% respectively. Unlike the sensitivity to the Fed exhibited by the 2-year Treasury, the longer-term Treasuries failed to break higher in yield from well-established ranges.

Risk premiums for the credit sectors generally narrowed during the quarter, meaning that risk appetite generally improved for investors. Well-telegraphed seasonal supply and gradually rising Treasury yields helped narrow investment grade corporate spreads by 17bp¹ to 106bp. Linked more closely to equity performance, high yield rallied 47bp to 316bp in spread as the S&P 500 Index rallied another 7.7% during the quarter. The ABS and non-agency CMBS securitized sectors showed similar risk premium improvement, rallying 9bp and 13bp respectively.

The benign environment for domestic fixed income investors stood in contrast to an increasingly volatile global trade narrative. The realization of and potential for further tariffs directed towards China did spark some moments of market disorder. Dollar strength continues to pressure twin deficit economies, those that issue debt in USD and are net importers of energy. Closer to home, consumer product companies, retailers and automobile manufacturers are facing increased input cost pressures. Yet the strength of the US economy is giving cover to some of these bubbling concerns and cover for the Fed to continue raising interest rates. Risks to a "continuation" thesis in 2019 could surface with further pressure on inflation or external markets exposed to US dollar strength. Until more profound evidence of these risks are observed, it seems that defensiveness to rising interest rates and exposures to non-government securities should remain the preferred fixed income portfolio allocation.

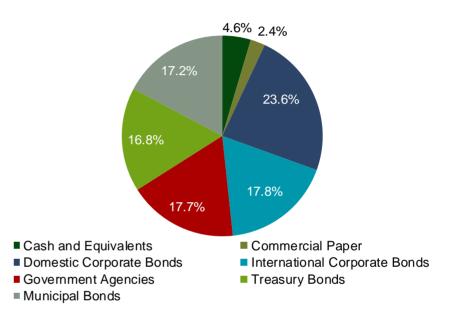




Market environment and strategies

Asset allocation

Investment Type	Final Maturity	Allocation
Cash and equivalents	1	4.6%
Commercial paper	130	2.4%
Domestic corporate bonds	419	23.6%
International corporate bonds	477	17.8%
Government agencies	630	17.7%
Treasury bonds	708	16.8%
Municipal bonds	567	17.2%
Total	515	100.0%



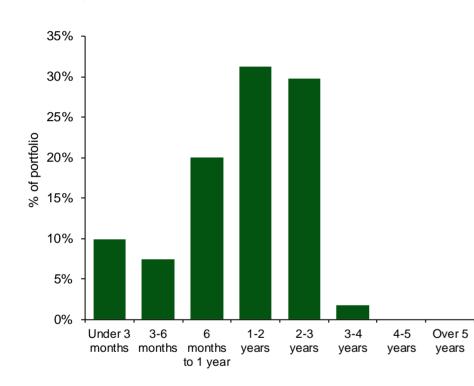
As of September 30, 2018. Asset allocations are subject to change without notice, may not represent current or future decisions and should not be construed as investment recommendations. Please refer to the important disclosures at the back of this presentation.



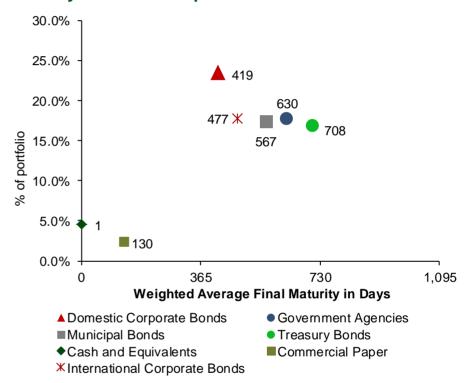


Market environment and strategies

Maturity distribution



Maturity allocation map



As of September 30, 2018. Maturity allocations are subject to change without notice, may not represent current or future decisions and should not be construed as investment recommendations. Please refer to the important disclosures at the back of this presentation.





Important disclosures



Other disclosures



This document has been prepared by Insight North America LLC (INA), a registered investment adviser under the Investment Advisers Act of 1940 and regulated by the US Securities and Exchange Commission. INA is part of 'Insight' or 'Insight Investment', the corporate brand for certain asset management companies operated by Insight Investment Management Limited including, among others, Insight Investment Management (Global) Limited and Insight Investment International Limited.

Opinions expressed herein are current opinions of Insight, and are subject to change without notice. Insight assumes no responsibility to update such information or to notify a client of any changes. Any outlooks, forecasts or portfolio weightings presented herein are as of the date appearing on this material only and are also subject to change without notice. Insight disclaims any responsibility to update such views. No forecasts can be guaranteed.

Nothing in this document is intended to constitute an offer or solid action to sell or a solid action of an offer to buy any product or service (nor shall any product or service be offered or sold to any person) in any jurisdiction in which either (a) INA is not licensed to conduct business, and/or (b) an offer, solicitation, purchase or sale would be unavailable or unlawful.

This document should not be duplicated, amended, or forwarded to a third party without consent from INA. This is a marketing document intended for institutional investors only and should not be made available to or relied upon by retail investors. This material is provided for general information only and should not be construed as investment advice or a recommendation. You should consult with your adviser to determine whether any particular investment strategy is appropriate.

Assets under management include exposures and cash, and are calculated on a gross notional basis. Regulatory assets under management without exposures shown can be provided upon request. Unless otherwise specified, the performance shown herein is that of Insight Investment (for Global Investment Performance Standards (GIPS®), the 'firm') and not specifically of INA. See the GIPS® composite disclosure page for important information and related disclosures about firm performance.

Past performance is not a guide to future performance, which will vary. The value of investments and any income from them will fluctuate and is not guaranteed (this may partly be due to exchange rate changes). Future returns are not guaranteed and a loss of principal may occur.

All performance numbers used in the analysis are gross returns. The performance reflects the reinvestment of all dividends and income. INA charges management fees on all portfolios that they manage and these fees will reduce the returns on the portfolios. For example, assume that \$30 million is invested in an account with INA, and this account achieves a 5.0% annual return compounded monthly, gross of fees, for a period of five years. At the end of five years that account would have grown to \$38,500,760 before the deduction of management fees. Assuming management fees of 0.25% per year are deducted monthly from the account, the value at the end of the five year period would be \$38,022,447. Actual fees for new accounts are dependent on size and subject to negotiation. INA's investment advisory fees are discussed in Part 2A of its Form ADV. A full description of INA's advisory fees are described in Part 2A of Form ADV available from INA at <u>www.adviserinfo.sec.gov</u>.

Targeted returns intend to demonstrate that the strategy is managed in such a manner as to seek to achieve the target return over a normal market cycle based on what Insight has observed in the market, generally, over the course of an investment cycle. In no circumstances should the targeted returns be regarded as a representation, warranty or prediction that the specific deal will reflect any particular performance or that it will achieve or is likely to achieve any particular result or that investors will be able to avoid losses, including total losses of their investment.

The information shown is derived from a representative account deemed to appropriately represent the management styles herein. Each investor's portfolio is individually managed and may vary from the information shown. The mention of a specific security is not a recommendation to buy or sell such security. The specific securities identified are not representative of all the securities purchased, sold or recommended for advisory clients. It should not be assumed that an investment in the securities identified will be profitable. Actual holdings will vary for each client and there is no guarantee that a particular client's account will hold any or all of the securities listed.

The quoted benchmarks within this presentation do not reflect deductions for fees, expenses or taxes.

These benchmarks are unmanaged and cannot be purchased directly by investors. Benchmark performance is shown for illustrative purposes only and does not predict or depict the performance of any investment. There may be material factors relevant to any such comparison such as differences in volatility, and regulatory and legal restrictions between the indices shown and the strategy.

Transactions in foreign securities may be executed and settled in local markets. Performance comparisons will be affected by changes in interest rates. Investment returns fluctuate due to changes in market conditions. Investment involves risk, including the possible loss of principal. No assurance can be given that the performance objectives of a given strategy will be achieved.

Insight does not provide tax or legal advice to its clients and all investors are strongly urged to consult their tax and legal advisors regarding any potential strategy or investment.

Information herein may contain, include or is based upon forward-looking statements within the meaning of the federal securities laws, specifically Section 21E of the Securities Exchange Act of 1934, as amended. Forward-looking statements include all statements, other than statements of historical fact, that address future activities, events or developments, including without limitation, business or investment strategy or measures to implement strategy, competitive strengths, goals expansion and growth of our business, plans, prospects and references to future or success. You can identify these statements by the fact that they do not relate strictly to historical or current facts. Words such as 'anticipate,' 'estimate,' 'expect,' 'project,' 'Intend,' 'plan,' 'believe,' and other similar words are intended to identify these forward-looking statements. Forward-looking statements can be affected by inaccurate assumptions or by known or unknown risks and uncertainties. Many such factors will be important in determining our actual future results or outcomes may vary materially. Given these uncertainties, you should not place undue reliance on these forward-looking statements.

Insight and MBSC Securities Corporation are subsidiaries of BNY Mellon. MBSC is a registered broker and FINRA member. BNY Mellon is the corporate brand of the Bank of New York Mellon Corporation and may also be used as a generic term to reference the Corporation as a whole or its various subsidiaries generally. Products and services may be provided under various brand names and in various countries by subsidiaries, affiliates and joint ventures of the Bank of New York Mellon Corporation where authorized and regulated as required within each jurisdiction. Unless you are notified to the contrary, the products and services mentioned are not insured by the FDIC (or by any government entity) and are not guaranteed by or obligations of the Bank of New York Mellon Corporation or any of its affiliates. The Bank of New York Mellon Corporation assumes no responsibility for the accuracy or completeness of the above data and disclaims all expressed or implied warranties in connection there with. Personnel of certain of our BNY Mellon affiliates may act as: (i) registered representatives of MBSC Securities Corporation (in its capacity as a registered broker-dealer) to offer securities, (ii) officers of the Bank of New York Mellon (a New York chartered bank) to offer bankmaintained collective investment funds and (iii) associated persons of MBSC Securities Corporation (in its capacity as a registered investment adviser) to offer separately managed accounts managed by BNY Mellon Investment Management firms.

Disclaimer for Non-US Clients: Prospective clients should inform themselves as to the legal requirements and tax consequences within the countries of their citizenship, residence, domicile and place of business with respect to the purchase and ongoing provision of advisory services. No regulator or government authority has reviewed this document or the merits of the products and services referenced herein.

This document is directed and intended for 'institutional investors' (as such term is defined in various jurisdictions). By accepting this document, you agree (a) to keep all information contained herein (the 'Information') confidential, (b) not use the Information for any purpose other than to evaluate a potential investment in any product described herein, and (c) not to distribute the Information to any person other than persons within your organization or to your client that has engaged you to evaluate an investment in such product.

Telephone conversations may be recorded in accordance with applicable laws.

© 2018 Insight Investment. All rights reserved.

