



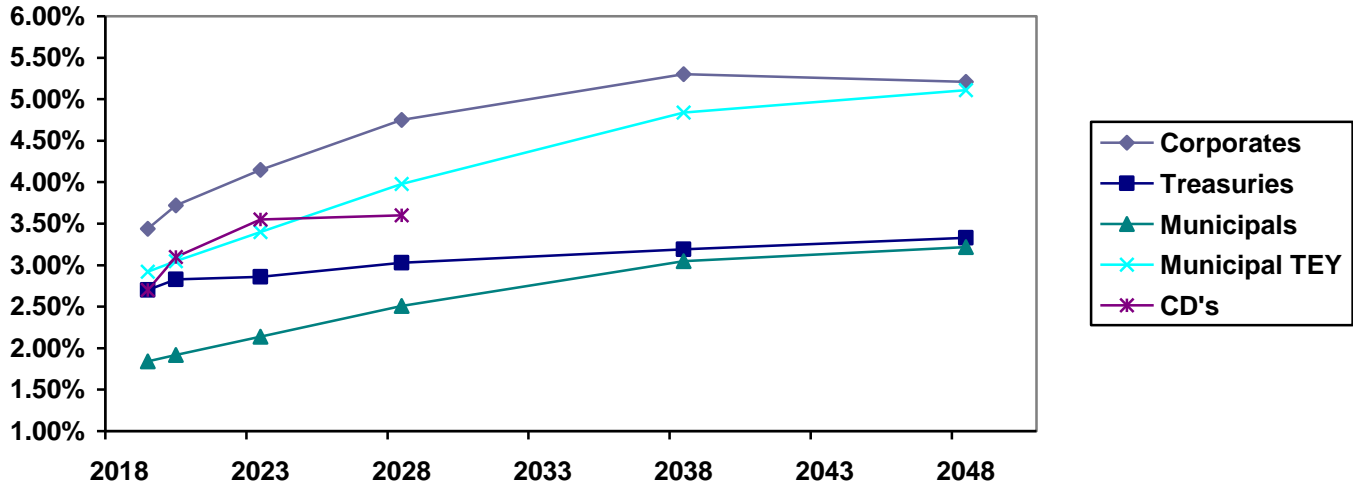
Interest Rate Market Monitor

Portfolio Advisory Group – U.S. Fixed Income

RBC Wealth Management, a division of RBC Capital Markets, LLC, Member NYSE/FINRA/SIPC.

Indicated Yields for Selected Securities All Indications are for Round Lots

As of December 03, 2018



*Tax-equivalent yield (TEY) is based on Federal tax exemption for taxpayers in the 37.0% bracket.

	BBB+ Rated		AAA Municipals		CDs		Mortgage Backed	Treasury Zeros	
	Treasuries	Agencies (non-call)	Industrial Corporates	G.O.	TEY*	Coupon		APY*	Maturity
3 month	2.36%					2.40%	2.40%		
6 month	2.54%					2.45%	2.45%		
1 year	2.70%		3.44%	1.84%	2.92%	2.70%	2.70%	08/15/19	2.66%
2 year	2.83%	2.83%	3.72%	1.92%	3.05%	3.10%		08/15/20	2.87%
5 year	2.86%	2.98%	4.15%	2.14%	3.40%	3.55%		08/15/23	2.92%
10 year	3.03%	3.37%	4.75%	2.51%	3.98%	3.60%		08/15/28	3.14%
15 year	3.13%		5.12%	2.79%	4.43%		4.25%	08/15/33	3.25%
20 year	3.19%	3.43%	5.30%	3.05%	4.84%			08/15/38	3.33%
30 year	3.33%		5.21%	3.22%	5.11%		4.81%	08/15/48	3.38%

The securities listed above are general obligations of the issuer and are not mortgage-backed securities.

Yields on round lot national offerings and can differ considerably by region. Municipal yields are as of the close of the prior day and may not reflect the current market if overall market yields have moved significantly.

*The annual percentage yield (APY) assumes interest payments reinvested at the coupon rate. FDIC Insured up to \$250,000. APY applies to maturities shorter than one year. All securities are non-callable.

Yields are quoted based on average life which takes into account mortgage prepayment assumptions which may or may not be met

Principal value is subject to market fluctuation and, if sold prior to maturity, yields may be different from those listed. Interest income is subject to taxes annually as ordinary income, even though income is not received until maturity.

Yields stated above represent annualized yield-to-maturity (YTM), unless otherwise noted. The rates here are only meant as a general guideline. They do not represent actual offers or transactions. All indications are for round lots. Actual prices and available yields may be impacted by transaction size, ticket charges and other transaction costs. **Call your RBC Wealth Management Financial Advisor for current market rates.** Statements of fact have been obtained from sources considered reliable but no representation is made as to their completeness or accuracy. The firm or persons associated with it may at any time be short or long any securities mentioned in the study and may from time to time sell or buy such securities.

RBC Wealth Management Fixed-Income Strategies Group

RBC Wealth Management is the trade name used by the wealth management business of RBC Capital Markets, LLC, a wholly owned subsidiary of Royal Bank of Canada (RBC). Products and services are offered through RBC Capital Markets, LLC. The material contained herein is not a product of any research department of RBC Wealth Management or any of its affiliates. Nothing herein constitutes a recommendation of any security or regarding any issuer; nor is it intended to provide information sufficient to make an investment decision. The information contained in this communication has been compiled by RBC Wealth Management from sources believed to be reliable, but no representation or warranty, express or implied, is made by RBC Wealth Management, its affiliates or any other person as to its accuracy, completeness or correctness. All opinions and estimates contained in this communication constitute RBC Wealth Management's judgment as of the date of this communication, are subject to change without notice and are provided in good faith but without legal responsibility. Nothing in this communication constitutes legal, accounting or tax advice or individually tailored investment advice. This material is prepared for general circulation to clients and may have been prepared without regard to the individual financial circumstances and objectives of persons who receive it. The investments or services contained in this communication may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about the suitability of such investments or services. Past performance is not a guide to future performance, future returns are not guaranteed, and a loss of original capital may occur. Every province in Canada, state in the U.S., and most countries throughout the world have their own laws regulating the types of securities and other investment products which may be offered to their residents, as well as the process for doing so. As a result, any specific securities discussed in this communication may not be eligible for sale in some jurisdictions. This communication is not, and under no circumstances should be construed as, a solicitation to act as securities broker or dealer in any jurisdiction by any person or company that is not legally permitted to carry on the business of a securities broker or dealer in that jurisdiction. To the fullest extent permitted by law neither RBC Wealth Management, nor any of its affiliates, nor any other person, accepts any liability whatsoever for any direct or consequential loss arising from any use of this communication or the information contained herein. No matter contained in this document may be reproduced or copied by any means without the prior consent of RBC Wealth Management. RBC Capital Markets, LLC may buy from or sell to customers on a principal basis in the securities or related derivatives that are the subject of this communication. RBC Capital Markets, LLC has or may have proprietary positions in the securities or in related derivatives that are the subject of this communication. RBC Capital Markets, LLC may have been manager or co-manager of a public offering of securities of the issuer within the past twelve months. Additional information is available upon request.

RBC Wealth Management, a division of RBC Capital Markets, LLC,
Member NYSE/FINRA/SIPC.
