

STAFF REPORT EX7.19

City of Toronto 2014 Investment Report

Date:	June 16, 2015
То:	Executive Committee
From:	Deputy City Manager & Chief Financial Officer
Wards:	All
Reference Number:	P:\2015\Internal Services\Cf\Ec15016Cf (AFS #20801)

SUMMARY

This report provides a review of the annual investment returns realized in 2014 on the funds invested in the City's General Group of Funds. In 2014, the City's investment portfolio of \$5.0 billion earned \$143.7 million and yielded a return of approximately 2.9%. These portfolios hold the City's working capital and the amounts designated for the City's reserves and reserve funds. The investment results for other funds, such as sinking, pension and trust funds are reported separately.

In compliance with Ontario Regulation 610/06 Financial Activities of the *City of Toronto Act, 2006,* a record of each transaction in the City's own securities is listed in Appendix A of this report.

Under Ontario legislation, municipalities are permitted to invest in either short-term money market fixed income securities or long-term bonds under prescribed rules. Municipalities are limited in investing in equities, only through the One Equity Portfolio (jointly administered by Association of Municipalities of Ontario and The Municipal Finance Officers' Association).

When the Province announced the withdrawal of its Social Housing equalization grant and offered a loan to provide the City with alternative financing, it also announced that it would be willing to consider expanding the approved list of eligible investments to provide opportunities to enhance the City's ability to earn higher rates of return on its investment portfolios. Therefore, the City is currently in discussions with the provincial Ministry of Municipal Affairs and Housing in regards to its intention of expanding the list of eligible investments for the City. The objective is to enhance the City's risk-adjusted return on investment under this persistent and historically low interest rate environment.

RECOMMENDATIONS

The Deputy City Manager & Chief Financial Officer recommends that:

1. Council receive this report for information.

Financial Impact

In 2014, investment earnings on the City's General Group of Fund totalled \$143.7 million. The earnings were allocated to the operating budget (\$120.1 million) and reserve funds (\$23.6 million) according to the Council approved interest allocation policy. The operating budget component was under budget in the Non-Program account by \$1.6 million. This variance was primarily due to longer than expected persistently low interest rates in 2014.

The investment activities conducted by staff in 2014 were in compliance with the investment policies and goals adopted by City Council.

The Deputy City Manager & Chief Financial Officer has reviewed this report and agrees with the financial impact information.

DECISION HISTORY

This report is required to be presented to Council annually under Ontario Regulation 610/06 Financial Activities of the *City of Toronto Act, 2006*. In October 2012, Council adopted a revised City of Toronto Investment Policy. http://app.toronto.ca/tmmis/viewAgendaItemHistory.do?item=2012.EX23.13

ISSUES BACKGROUND

Sources of Investment Funds

The principal categories of City funds that are managed by the Corporate Finance Capital Markets staff are working capital for cash management purposes, reserves and reserve funds.

Working Capital

The City retains necessary funds on hand to provide bridge financing between the time when expenditures, such as staff payroll and construction contractor payments, are required and the time when major cash inflows, such as tax and water payments and debenture issuance proceeds, are received. These funds are typically available for investment over short periods (typically less than a year) and are invested in the Money Market Portfolio.

Reserves and Reserve Funds

Reserves and reserve funds have been established by the City to address the following types of long-term expenditure needs:

- Growth-related infrastructure expansion (funded by Development Charges paid by developers)
- Other major City infrastructure initiatives (e.g. the Move Ontario 2020 Reserve Fund which holds funds contributed by other levels of government for the Spadina Subway extension)
- Land acquisition
- Replacement of City vehicles
- Unanticipated City and ABC's operating budget shortfalls
- Employee benefits

The majority of the amounts designated for these reserves and reserve funds are not required in the short term and can be invested over a longer term (greater than one year) in order to improve investment returns.

Investment Portfolios Managed by Corporate Finance

Working capital and the amounts designated for reserves and reserve funds are held for investment in the City's General Group of Funds. The amounts necessary for working capital are held within the Money Market Fund and amounts being invested on a longer-term basis (amounts designated for reserves and reserve funds) are held within the Bond Fund.

Investment Objectives and Policies

The primary objectives, in priority order, for all City investment activities are:

- to ensure the safety of principal,
- maintain adequate liquidity,
- meet annual budgetary requirements for earnings,
- maintain portfolio term structure to support the City's long-term financial plan, and then
- maximize long-term market rate of return that is consistent with the above risk management objectives

The specific criteria and restrictions on investments that can be acquired for each of the City's investment funds are set out in the City of Toronto Investment Policy. An updated investment policy was adopted by Council in October, 2012. On an annual basis, and more frequently if required, a comprehensive review of the City's investment policy and procedures is completed. The policy was reviewed and no changes were made in 2014. A current review is underway and is expected to be submitted to Council for its consideration as per the Province's recent commitment to expand the City's investment authority.

The City is working with the Province of Ontario and the City's Legal Department to expand the list of eligible investments. For example, the amended regulation might expand the way that the City could invest in equities instead of only through a designated municipal-administrated pooled fund. The objective is to enhance the City's risk-adjusted return on investments under this persistent and low interest rate environment.

Independent Investment Advisory Committee

City Finance staff receive advice and feedback on investment policies and strategies from the Independent Investment Advisory Committee. This Committee was created by City Council in April, 2011, replacing the former Investment Advisory and Sinking Fund Committees, and comprises three volunteer citizen members and the Deputy City Manager & Chief Financial Officer (DCM & CFO) as Chair. The citizen appointees were approved by Council in October, 2011 and they each have substantial expertise in investment management, banking and financial risk management.

COMMENTS

2014 Investment Portfolio Performance

Capital Markets staff and the Independent Investment Advisory Committee annually assess the performance of the managed portfolios based on investment policy objectives. Staff confirms the following:

1. Safety of principal

During 2014, there were no defaults or portfolio capital losses.

2. Maintenance of adequate liquidity

There was sufficient liquidity for the working capital in the money market fund.

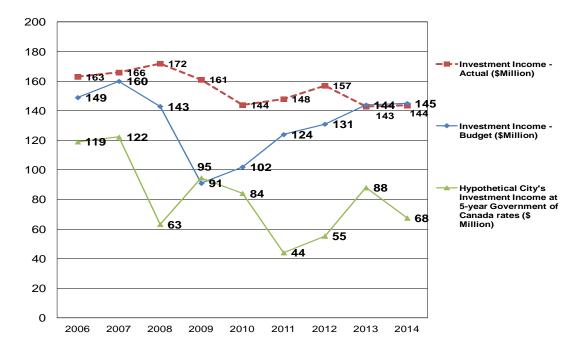
3. Meet annual budgetary requirements for earnings

Investment earnings are composed of the annual earned interest income and capital gains/losses that are realized on the portfolio. The total earnings of \$143.7 million were distributed to the City's operating budget (\$120.1 million) and to the City's reserve funds (\$23.6 million) as shown in the following table:

Tab	ole 1 – Allocation of Investmen	t Earnings for	the Year 2014	(\$millions)	

Investment Earnings (millions)	2014	2013	2012	2011	
1. Operating Budget	\$120.1	\$120.2	\$136.5	\$121.7	
2. Reserve Funds	\$23.6	\$22.1	\$17.7	\$21.9	
Total General Funds	\$143.7	\$142.3	\$154.2	\$143.6	

To fulfil all three funding requirements above, the 2014 investment earnings were required to reach \$145.3 million. As demonstrated in the graph below, the investment earning requirements have stayed at a high level while the negative impact of persistently low interest rate environment continues.



The operating budget component was under budget in the Non-Program account by \$1.6 million. This variance was primarily due to longer than expected persistently low interest rates in 2014.

Investment Earnings allocated to the Operating Budget	2014	2013	2012	2011
1. Budget Investment Earnings	\$121.7	\$121.7	\$114.4	\$106.0
2. Actual Investment Earnings	\$120.1	\$120.2	\$136.5	\$121.7
Variance	-\$1.6	-\$1.5	\$22.1	\$15.7

The 2014 distribution of investment earnings is summarized in the following table:

Table 5 - Investment I	or tiono income for the r		5/
Portfolio	Average Fund Balance	Earned Income	Earned Return on Capital*
1. Bond Fund	\$2,407.8	\$110.3	4.6%
2. Money Market	\$2,639.4	\$33.4	1.3%
Total General Funds	\$5,047.2	\$143.7	2.9%

Table 3 - Investment Portfolio Income for the Year 2014 (\$millions)

*Earned Return on Capital includes earned interest income and realized capital gain.

The \$143.7 million in investment revenue generated in 2014 was higher than the \$142.3 million generated in 2013. The increase was primarily due to a higher fund balance.

Earned Income	Earned Return on Capital*
145.3	4.2%
143.6	4.2%
154.2	3.8%
142.3	3.1%
143.7	2.9%
	145.3 143.6 154.2 142.3

 Table 4 – Earned Return on Capital for the 2011 - 2014 (\$millions)

*Earned Return on Capital includes earned interest income and realized capital gain.

The overall earned return on capital of 2.9% in 2014 was lower than the 3.1% and 3.8% return realized in 2013 and 2012 respectively. The lower rate of return in 2014 compared to 2013 was primarily the results of two factors:

- The decline in portfolio yield continued as proceeds from maturities and new money are invested in market conditions where interest rate levels were lower than the overall portfolio average interest rate level
- A higher balance in the short term Money Market Fund due to longer delays in cash spending than forecast.
- 4. Maintain portfolio term structure to support the City's long-term financial plan

Based on the City's long-term financial plan, Corporate Finance staff has forecasted the cash flow needs of the Reserves and Reserve Funds in order to assess the cash flow needs for the Bond Fund. The external consultant who was retained to review the City's investment policies and practices, used this forecast to perform quantitative modelling and determine the desired duration of the Bond Fund, as well as a transition plan in reaching the target.

The consultant recommended that the City extend the Bond Fund duration progressively over a period of three years. An investment strategy to rebalance the portfolio was presented by Staff which was endorsed by the Independent Investment Advisory Committee.

5. Maximize long-term market rate of return that is consistent with the above objectives

The market value return, which is often different from the earned investment income rate of return (Table 3 above), is based on the change in the market prices of the investments held in the portfolio (unrealized gains and losses included). The volatility in market returns does not impact the actual income earned unless the City elects to liquidate its portfolio.

Market Return is a more relevant performance measure for a growth-oriented fund than an income-oriented fund. A growth-oriented fund has capital appreciation in market value as the primary policy goal. An income-oriented fund generates returns mostly through income instead of market capital gains, and usually with the intention that the fund will never be sold. The City's General Fund is an income-oriented fund.

The City has used the FTSE (Financial Times Stock Exchange) TMX Canada indices (formerly known as DEX) as the market benchmark. For tracking purposes, the following table compares the City's General Group of Funds relative to the benchmark over the one-year and five-year investment horizons:

	Annualized 1-Year Total Return** 5-Year Rolling Average					
	General Fund	Benchmark*	Difference	General Fund	Benchmark*	Difference
2008	7.27%	7.12%	0.15%	5.45%	5.36%	0.09%
2009	3.64%	1.40%	2.24%	4.98%	4.56%	0.42%
2010	4.92%	4.95%	-0.03%	4.93%	4.47%	0.46%
2011	6.84%	7.53%	-0.69%	5.47%	5.22%	0.24%
2012	2.18%	1.96%	0.22%	5.11%	4.79%	0.33%
2013	0.72%	-0.62%	1.34%	3.36%	2.74%	0.63%
2014	4.57%	4.97%	-0.40%	3.62%	3.47%	0.14%

Table 5 – Portfolio's Market Value vs Benchmark

*Benchmark for the General Fund is the weighted average of the FTSE TMX Canada Governments Bond Index and FTSE TMX Canada 30 Day T-Bill Index.

**Total return includes earned interest income and realized capital gain as well as unrealized capital gain.

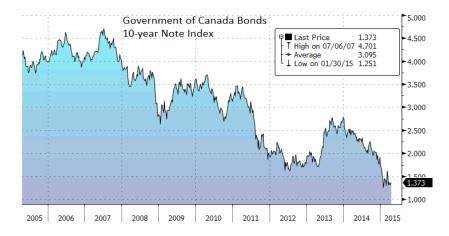
The General Fund investment balance gained about \$712 million over the past 5 years in market value (including unrealized gain), of which \$30 million was on top of the benchmark.

Factors That Affect Annual Investment Income

Capital Market Conditions

One of the principal factors affecting the performance of the City's investment portfolios is the general level of interest rates that can be earned on fixed income investments.

Interest rates have continued to drastically decline for an extended period following the 2008 financial crisis. While 10-year Government of Canada bonds generated an average yield of 4.388% during the pre-crisis period in 2003-2007, these 10-year bonds only generated an average yield of 2.236% in 2014. Similarly, 1-year treasury bills generated an average yield of 4.388% during the 2003-07 pre-crisis periods while the average yield in 2014 was only 0.984%.



Since bond interest rates are still significantly below their long-term averages, the City's investment strategy has been to fulfill anticipated short term cash requirements (1-2 years). Then as the interest rate environment improves, the excess funds that become available will be invested for the long-term. The strategic timing for longer term investments will be based on the interest rate environment as part of the transition plan recommended by our investment consultants.

<u>The Timing of the City's Future Expenditure Funding Needs (Current and Future Liquidity Requirements)</u>

Borrowers will generally offer the highest interest rates for funds that are committed to them for the longest periods. They will offer lower interest rates on short-term money market investments (<1-year term) and higher rates of interest on long-term bonds (20+

years). The City's ability to invest in long-term securities is governed by the future forecasted requirements.

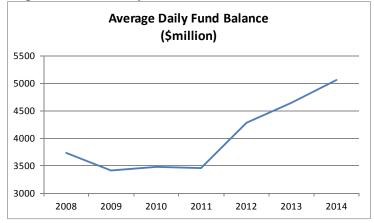
In the past few years, the average investment term of the portfolio (duration) has been reduced based on the expectation that more of these funds will be needed in the near future. This has had a negative impact on investment returns due to the lower level of short-term interest rates.

Amounts Available for Investment

Another factor that affects the total annual investment earnings is the total amount of City funds that are available for investment in that year. This amount will depend on the following:

- Major one-time events such as sales of large capital assets or inflows of government infrastructure funding
- Proceeds from development charges based upon rate of land development activity
- Operating surpluses
- Capital project surpluses
- Proceeds from debenture issuances
- Timing of actual cash expenditures
- Proceeds from the Land Transfer Tax based upon rate of real estate market activity

The foregoing factors have recently resulted in a greater amount of funds available for investment purposes. As shown in the following graph, the average daily balance of the Total General Group of Funds rose by 57% since 2012.



Credit Risk Profile of Investment Portfolio

The final factor that impacts investor returns is the amount of risk that an investor is willing to bear. This is because borrowers will offer higher returns on instruments that carry a higher risk of default. However, safety of principal is a primary City investment objective so overall risk exposure on the City's investment portfolios has been kept low.

As shown below in Figures 1, 2, 3, the City does not hold any bonds with less than an "A" credit rating.

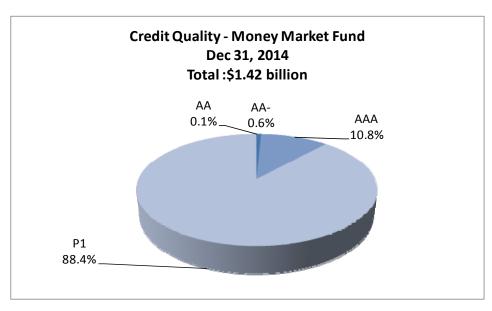
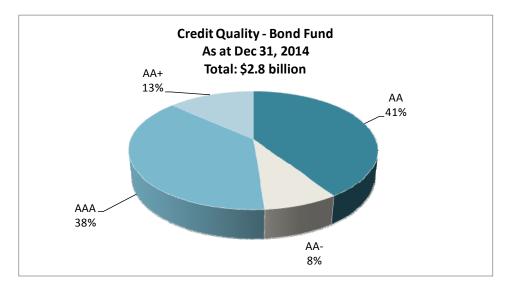


Figure 1 - Credit Ratings of the Money Market Fund Holdings

Figure 2 - Credit Ratings of Bond Fund Holdings



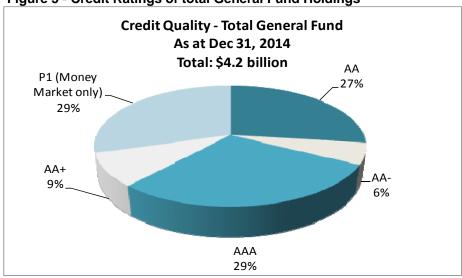


Figure 3 - Credit Ratings of total General Fund Holdings

Record of Transactions in City of Toronto Debentures

In compliance with Ontario Regulation 610/06 Financial Activities of the *City of Toronto Act, 2006,* the City maintains a record of each transaction in its own securities, including a statement of the date and the purchase or sale price of each security transaction. The details pertaining to the 2014 transactions are documented in the attached Appendix A. In 2014, the City of Toronto purchased \$65,100,000 of its own securities in the secondary bond market for the Sinking Fund and the General Fund.

CONTACT

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SIGNATURE

Roberto Rossini Deputy City Manager & Chief Financial Officer

ATTACHMENT

Appendix A – Purchases and Sales of City of Toronto Debentures during 2014 Appendix B – Composition of the Toronto General Fund

Appendix A

City of Toronto Debenture Purchases and Sales during 2014

1. Purchases

	<u>Settlemen</u> t				
<u>Portfoli</u> o	Date I	Maturity Date	<u>Coupo</u> n	<u>Princip</u> al	Price \$
BOND Fund	10-Feb-14	29-Sep-23	3.900%	2,000,000	103.767
BOND Fund	07-Apr-14	10-Mar-44	4.150%	5,000,000	98.430
BOND Fund	19-Sep-14	l 01-Jun-40	5.200%	15,000,000	121.528
BOND Fund	19-Sep-14	10-Mar-44	4.150%	7,500,000	104.940
BOND Fund	22-Sep-14	l 01-Jun-40	5.200%	13,100,000	121.247
BOND Fund	23-Sep-14	10-Mar-44	4.150%	1,000,000	104.355
BOND Fund	03-Oct-14	10-Mar-44	4.150%	7,000,000	105.960
BOND Fund	14-Oct-14	21-May-24	3.400%	2,000,000	103.093
BOND Fund	14-Oct-14	21-May-24	3.400%	5,000,000	103.173
BOND Fund	23-Oct-14	01-Jun-40	5.200%	7,500,000	124.234
			-	65,100,000	

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		<u>Settlemen</u> t				
	<u>Portfoli</u> o	<u>Date</u>	Maturity Date	<u>Coupo</u> n	<u>Princip</u> al	Price \$
					-	0.000
						1

Appendix B Composition of the Toronto General Fund as at Dec 31, 2014

Issuer	Security Type	Coupon (%)	Yield	Maturity Date	Book Value	% of Total
Royal Bank of Canada	Senior Deposit Note	2.1	1.3	01/13/2015	10,002,769	0.70%
Royal Bank of Canada	Senior Deposit Note	2.1	1.3	01/13/2015	3,477,839	0.25%
Royal Bank of Canada	Senior Deposit Note	2.1	1.3	01/13/2015	2,639,605	0.19%
Royal Bank of Canada	Senior Deposit Note	2.1	1.3	01/13/2015	25,007,000	1.76%
Royal Bank of Canada	Senior Deposit Note	2.1	1.3	01/13/2015	20,005,503	1.41%
Royal Bank of Canada	Senior Deposit Note	2.1	1.3	01/13/2015	40,011,050	2.82%
Royal Bank of Canada	Senior Deposit Note	2.1	1.3	01/13/2015	10,002,393	0.70%
CIBC	Banker Acceptance	0.0	1.3	01/15/2015	49,486,500	3.49%
CIBC	Banker Acceptance	0.0	1.3	01/15/2015	49,509,500	3.49%
National Bank of Canada	Bank Demand Note	0.0	1.3	01/15/2015	49,463,000	3.49%
National Bank of Canada	Bank Demand Note	0.0	1.3	01/15/2015	49,463,000	3.49%
Scotiabank	Bank Demand Note	0.0	1.3	01/20/2015	49,480,000	3.49%
Scotiabank	Bank Demand Note	0.0	1.3	01/20/2015	49,480,000	3.49%
Scotiabank	Bank Demand Note	0.0	1.3	01/26/2015	49,542,000	3.49%
CIBC	Banker Acceptance	0.0	1.3	01/29/2015	49,531,500	3.49%
CIBC	Banker Acceptance	0.0	1.3	01/29/2015	49,531,500	3.49%
CIBC	Banker Acceptance	0.0	1.3	01/29/2015	49,531,500	3.49%
National Bank of Canada	Senior Deposit Note	2.2	1.3	01/30/2015	17,011,166	1.20%
National Bank of Canada	Senior Deposit Note	2.2	1.3	01/30/2015	25,018,257	1.76%
National Bank of Canada	Senior Deposit Note	2.2	1.3	01/30/2015	50,036,957	3.53%
National Bank of Canada	Senior Deposit Note	2.2	1.3	01/30/2015	30,021,166	2.12%
Quebec, City of	Bonds	4.4	1.3	02/22/2015	1,653,001	0.12%
Scotiabank	Bank Demand Note	0.0	1.3	02/27/2015	49,702,000	3.50%
CIBC	Senior Deposit Note	3.1	1.3	03/02/2015	50,191,103	3.54%
Ville de Laval	Bonds	1.8	1.4	03/07/2015	1,857,482	0.13%
Ville de Laval	Bonds	3.0	1.4	03/10/2015	7,021,491	0.49%
Scotiabank	Senior Deposit Note	3.3	1.3	03/25/2015	7,233,051	0.51%
Canadian Credit Card Trust	Asset Backed Security	2.3	1.3	04/24/2015	35,108,454	2.47%
Canadian Credit Card Trust	Asset Backed Security	2.3	1.3	04/24/2015	46,910,128	3.31%
Bank of Montreal	Senior Deposit Note	3.9	1.4	04/27/2015	10,080,867	0.71%
Bank of Montreal	Senior Deposit Note	3.9	1.4	04/27/2015	50,406,565	3.55%
Scotiabank	Senior Deposit Note	2.3	1.4	05/08/2015	50,147,959	3.53%
Scotiabank	Senior Deposit Note	2.3	1.4	05/08/2015	18,555,345	1.31%
Scotiabank	Senior Deposit Note	2.3	1.4	05/08/2015	50,154,634	3.53%
CIBC	Banker Acceptance	0.0	1.3	05/11/2015	49,448,500	3.48%
CIBC	Banker Acceptance	0.0	1.3	05/11/2015	49,448,500	3.48%
CIBC	Senior Deposit Note	2.2	1.4	05/22/2015	20,060,451	1.41%

Money Market Fund - List of Security Holdings as of Dec 31, 2014

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Money Market Fund - List of Security Holdings as of Dec 31, 2014

		Coupon				
lssuer	Security Type	(%)	Yield	Maturity Date	Book Value	% of Total
National Bank of Canada	Senior Deposit Note	4.0	1.4	05/26/2015	12,377,525	0.87%
National Bank of Canada	Senior Deposit Note	4.0	1.4	05/26/2015	25,260,753	1.78%
Bank of Montreal	Senior Deposit Note	5.2	1.4	06/10/2015	81,307,387	5.73%
Canadian Credit Card Trust	Asset Backed Security	3.4	1.4	07/24/2015	30,340,647	2.14%
Cards Credit Card Trust	Asset Backed Security	3.1	1.4	09/15/2015	42,928,433	3.03%
Royal Bank of Canada	Banker Acceptance	0.0	1.3	10/30/2015	607,017	0.04%
	Total			_	1,419,053,498	100.00%

	Coupon					
lssuer	Security Type	(%)	Yield	Maturity Date	Book Value	% of Total
Canadian Credit Cartd Trust	Asset Backed Security	2.3	1.3	04/24/2015	1,504,504	0.05%
Canadian Credit Cartd Trust	Asset Backed Security	2.3	1.3	04/24/2015	5,516,515	0.209
Winnipeg, City of	Bonds	9.1	4.5	05/12/2015	5,791,092	0.219
Golden Credit Card Trust	Asset Backed Security	3.8	3.8	05/15/2015	1,500,008	0.05%
Municipality of Metropolitan Toronto	Bonds	4.6	4.5	05/20/2015	4,400,752	0.169
Municipality of Metropolitan Toronto	Bonds	4.6	4.4	05/20/2015	1,535,772	0.069
Alberta Capital Finance Authority	Bonds	4.9	4.1	06/01/2015	5,015,348	0.189
Ontario Infrastructure Projects Corporation	Bonds	4.6	1.7	06/01/2015	3,422,231	0.129
Quebec, Province of	Strip - Coupon	0.0	4.8	06/01/2015	14,708,820	0.53
Municipality of Metropolitan Toronto	Bonds	8.7	4.1	06/08/2015	2,166,295	0.08
Municipality of Metropolitan Toronto	Bonds	8.7	3.8	06/08/2015	901,181	0.03
Bank of Montreal	Senior Deposit Note	5.2	1.4	06/10/2015	50,833,625	1.839
Alberta Capital Finance Authority	Bonds	3.1	3.1	06/15/2015	2,999,333	0.119
Quebec, City of	Bonds	4.6	1.4	06/27/2015	1,981,560	0.079
Durham ,Regional Municipality of	Bonds	5.0	5.0	07/12/2015	1,944,837	0.079
Canadian Credit Cartd Trust	Asset Backed Security	1.6	1.6	09/24/2015	3,000,005	0.11
Montreal, City of	Bonds	4.0	2.7	09/30/2015	3,836,532	0.14
Montreal, City of	Bonds	4.0	4.2	09/30/2015	6,424,777	0.23
Montreal, City of	Bonds	4.0	4.2	09/30/2015	4,494,947	0.16
Bank of Montreal	Senior Deposit Note	4.0 1.9	1.5	10/05/2015	12,178,709	0.10
British Columbia Muni Financing Authority	Bonds	4.2	3.9	10/03/2015	4,521,080	0.44
	Bonds	4.2				0.18
British Columbia Muni Financing Authority			1.4	10/13/2015	5,104,825	
British Columbia Muni Financing Authority	Bonds Bonds	4.2	1.5	10/13/2015	3,061,826	0.11
Hamilton, City of		4.6	4.6 4.9	11/30/2015	2,379,459	0.09 0.52
Quebec, Province of	Strip - Coupon Bonds	0.0 4.4	4.9 4.5	12/01/2015 12/07/2015	14,353,241	0.52
New Brunswick Municipal Finance Corporation Cards Credit Card Trust	Asset Backed Security	4.4 2.0	4.5 2.0	01/15/2016	9,992,298	0.30
Canada Mortgage Housing Corporation	Bonds	4.3	4.6	02/01/2016	2,000,000 9,963,789	0.07
Canada Mortgage Housing Corporation	Bonds	4.3	4.0	02/01/2016	9,965,769 9,965,761	0.30
Canada Mortgage Housing Corporation	Bonds	4.3	4.0	02/01/2016	9,903,701	0.30
Ontario Hydro	Strip - Coupon	4.3 0.0	4.3 5.0	02/01/2016	9,997,320 4,755,985	0.30
Scotiabank	Senior Deposit Note	3.6	1.6	02/10/2010	20,444,321	0.17
Scotiabank	Senior Deposit Note	3.6	2.1	02/22/2016	3,558,538	0.14
Scotiabank	Senior Deposit Note	3.6	1.6	02/22/2016	7,156,765	0.13
British Columbia Muni Financing Authority	Bonds	4.7	2.1	04/19/2016	10,325,938	0.20
Cards Credit Card Trust	Asset Backed Security	3.3	3.3	05/15/2016	1,000,008	0.04
Golden Credit Card Trust	Asset Backed Security	3.5	1.6	05/15/2016	10,050,461	0.36
Master Credit Card Trust	Asset Backed Security	3.5	1.6	05/21/2016	4,951,373	0.18
Vaster Credit Card Trust	Asset Backed Security	3.5	1.8	05/21/2016	5,112,667	0.18
Export Development Corporation	Bonds	4.3	4.2	06/01/2016	2,503,107	0.09
Ontario, Province of	Strip - Coupon	4.5 0.0	1.3	06/02/2016	11,814,239	0.03
Bank of Montreal	Senior Deposit Note	3.5	1.3	06/10/2016	3,591,086	0.43
Durham ,Regional Municipality of	Bonds	5.1	5.1	07/12/2016	1,540,885	0.06
Municipality of Metropolitan Toronto	Bonds	4.9	1.6	07/28/2016	6,194,382	0.00
	Donus					
	Bonds	<u> 1</u> 0	16	()//28/2016	5 252 848	() 10
Municipality of Metropolitan Toronto Toronto Dominion Bank	Bonds Senior Deposit Note	4.9 2.9	1.6 2.9	07/28/2016 08/02/2016	5,252,848 5,000,000	0.19 0.18

		Coupon				% of
Issuer	Security Type	(%)	Yield	Maturity Date	Book Value	Total
Halton, Regional Municipality of	Bonds	4.6	4.6	09/15/2016	5,154,100	0.19%
Hollis Rec Trust	Asset Backed Security	2.2	1.7	09/26/2016	13,612,010	0.49%
Municipality of Metropolitan Toronto	Bonds	8.0	4.4	09/27/2016	2,224,892	0.08%
Municipality of Metropolitan Toronto	Bonds	8.0	5.9	09/27/2016	3,369,684	0.12%
Municipality of Metropolitan Toronto	Bonds	8.0	5.6	09/27/2016	8,308,214	0.30%
Municipality of Metropolitan Toronto	Bonds	8.0	5.5	09/27/2016	1,888,708	0.07%
Municipality of Metropolitan Toronto	Bonds	8.0	6.2	09/27/2016	112,070	0.00%
Municipality of Metropolitan Toronto	Bonds	8.0	4.4	09/27/2016	1,058,550	0.04%
Municipality of Metropolitan Toronto	Bonds	8.0	6.2	09/27/2016	3,598,570	0.13%
Ontario Hydro	Strip - Coupon	0.0	5.0	10/15/2016	3,140,152	0.11%
Ontario Hydro	Strip - Coupon	0.0	4.3	10/15/2016	4,637,531	0.17%
Ontario School Board Financing Corp.	Bonds	6.3	1.5	10/19/2016	5,419,518	0.20%
Ontario School Board Financing Corp.	Bonds	6.3	4.8	10/19/2016	4,690,749	0.17%
Ontario School Board Financing Corp.	Bonds	6.3	1.8	10/19/2016	3,604,495	0.13%
Ontario School Board Financing Corp.	Bonds	6.3	1.6	10/19/2016	2,190,098	0.08%
Quebec, Province of	Floating Rate Note	1.3	1.3	10/23/2016	3,000,000	0.11%
Ontario, Province of	Strip - Coupon	0.0	1.8	11/03/2016	483,668	0.02%
CIBC	Senior Deposit Note	2.7	1.8	11/08/2016	5,072,385	0.18%
CIBC	Senior Deposit Note	2.7	2.4	11/08/2016	4,618,496	0.17%
CIBC	Senior Deposit Note	2.7	2.7	11/08/2016	2,999,874	0.11%
Scotiabank	Senior Deposit Note	2.1	2.1	11/08/2016	999,925	0.04%
Scotiabank	Bonds	2.1	1.7	11/08/2016	3,021,863	0.11%
Hamilton, City of	Bonds	4.6	4.6	11/30/2016	2,488,831	0.09%
Government of Canada	Strip - Coupon	0.0	2.4	12/01/2016	9,545,537	0.34%
Scotiabank	Senior Deposit Note	2.7	1.9	12/01/2016	8,129,096	0.29%
Scotiabank	Senior Deposit Note	2.7	1.8	12/01/2016	7,120,468	0.26%
Scotiabank	Senior Deposit Note	2.7	2.7	12/01/2016	3,499,933	0.13%
Ontario, Province of	Strip - Coupon	0.0	3.0	01/13/2017	4,237,885	0.15%
Hydro Quebec	Strip - Coupon	0.0	5.0	01/15/2017	4,406,839	0.16%
Master Credit Card Trust	Asset Backed Security	2.6	1.7	01/21/2017	7,297,964	0.26%
Master Credit Card Trust	Asset Backed Security	2.6	2.6	01/21/2017	1,000,000	0.04%
Master Credit Card Trust	Asset Backed Security	2.6	1.8	01/21/2017	1,016,826	0.04%
Master Credit Card Trust	Asset Backed Security	2.6	1.7	01/21/2017	10,178,935	0.37%
Master Credit Card Trust	Asset Backed Security	2.6	1.7	01/21/2017	730,888	0.03%
Master Credit Card Trust	Asset Backed Security	2.6	1.7	01/21/2017	10,181,029	0.37%
Master Credit Card Trust	Asset Backed Security	2.6	1.8	01/21/2017	10,170,183	0.37%
Royal Bank of Canada	Senior Deposit Note	3.7	1.7	01/25/2017	5,194,498	0.19%
Royal Bank of Canada	Senior Deposit Note	3.7	1.8	01/25/2017	5,189,989	0.19%
Royal Bank of Canada	Senior Deposit Note	3.7	3.6	01/25/2017	3,004,323	0.11%
Royal Bank of Canada	Senior Deposit Note	3.7	3.7	01/25/2017	4,999,690	0.18%
Royal Bank of Canada	Senior Deposit Note	3.7	1.7	01/25/2017	592,466	0.02%
GENESIS TRUST	Asset Backed Security	2.3	1.8	02/15/2017	15,155,701	0.55%
British Columbia, Province of	Strip - Coupon	0.0	6.4	02/23/2017	4,370,363	0.16%
Scotiabank	Senior Deposit Note	2.6	1.8	02/27/2017	5,086,726	0.18%
Scotiabank	Senior Deposit Note	2.6	1.8	02/27/2017	20,351,624	0.73%
Quebec, Province of	Strip - Coupon	0.0	5.0	04/01/2017	3,780,265	0.14%
	Floating Rate Note	1.6	1.6	04/25/2017	4,992,980	0.18%
Finance Quebec	r ioaling hate note	1.0				

Issuer	Security Type	Coupon (%)	Yield	Maturity Date	Book Value	% of Total
York, Regional Municipality of	Bonds	4.6	4.6	05/30/2017	2,364,392	0.09%
York, Regional Municipality of	Bonds	4.6	4.6	05/30/2017	4,999,415	0.18%
Government of Canada	Strip - Coupon	0.0	2.6	06/01/2017	17,843,914	0.64%
Montreal, City of	Bonds	4.6	1.7	06/01/2017	3,205,579	0.12%
Montreal, City of	Bonds	4.6	1.7	06/01/2017	10,686,243	0.38%
Scotiabank	Senior Deposit Note	4.1	2.7	06/08/2017	5,166,210	0.19%
Scotiabank	Senior Deposit Note	4.1	4.1	06/08/2017	4,999,774	0.18%
British Columbia, Province of	Strip - Coupon	0.0	6.6	06/09/2017	559,221	0.02%
Alberta Capital Finance Authority	Bonds	4.7	4.1	06/15/2017	5,061,363	0.18%
Alberta, Province of	Bonds	1.8	1.6	06/15/2017	1,003,262	0.04%
Alberta, Province of	Bonds	1.8	1.9	06/15/2017	1,994,507	0.07%
Alberta, Province of	Bonds	1.8	1.9	06/15/2017	997,254	0.04%
Alberta, Province of	Bonds	1.8	1.5	06/15/2017	4,731,555	0.17%
York, Regional Municipality of	Bonds	7.3	2.0	06/19/2017	2,248,914	0.08%
York, Regional Municipality of	Bonds	7.3	5.7	06/19/2017	2,511,965	0.09%
New Brunswick, Province of	Bonds	6.8	4.8	06/27/2017	14,807,922	0.53%
Hamilton, City of	Bonds	6.2	4.6	07/12/2017	547,056	0.02%
CIBC	Senior Deposit Note	4.0	4.0	07/14/2017	1,998,326	0.07%
Municipality of Metropolitan Toronto	Bonds	5.1	4.8	07/18/2017	2,110,292	0.08%
Toronto Dominion Bank	Senior Deposit Note	2.4	2.4	08/15/2017	3,000,000	0.119
Saskatchewan, Province of	Bonds	4.7	4.1	09/05/2017	5,067,047	0.189
Saskatchewan, Province of	Bonds	4.7	4.7	09/05/2017	4,992,928	0.189
Ontario, Province of	Bonds	1.9	1.9	09/08/2017	3,495,589	0.139
Ontario, Province of	Bonds	1.9	2.0	09/08/2017	1,995,834	0.079
Ontario, Province of	Bonds	1.9	2.3	09/08/2017	4,451,379	0.169
Ontario, Province of	Bonds	1.9	2.0	09/08/2017	1,996,294	0.079
Royal Bank of Canada	Senior Deposit Note	2.4	2.4	09/21/2017	5,000,000	0.189
Manitoba, Province of	Bonds	6.5	4.1	09/22/2017	3,182,060	0.119
Ontario School Board Financing Corp.	Bonds	5.7	5.5	10/11/2017	6,530,364	0.249
Ontario School Board Financing Corp.	Bonds	5.7	5.7	10/11/2017	3,497,723	0.139
Ontario School Board Financing Corp.	Bonds	5.7	4.8	10/11/2017	10,230,596	0.379
Ontario School Board Financing Corp.	Bonds	5.7	5.3	10/11/2017	3,032,828	0.119
CIBC	Senior Deposit Note	2.4	2.3	10/18/2017	2,004,327	0.079
VILLE de LAVAL	Bonds	1.5	1.7	11/05/2017	5,681,134	0.20%
Waterloo, Regional Municipality of	Bonds	5.8	4.6	11/21/2017	2,764,637	0.10%
Ontario, Province of	Floating Rate Note	1.5	1.5	11/23/2017	7,012,627	0.25%
Waterloo, Regional Municipality of	Bonds	5.1	4.6	11/29/2017	749,213	0.03%
British Columbia Muni Financing Authority	Bonds	4.8	2.1	12/01/2017	3,230,209	0.129
British Columbia Muni Financing Authority	Bonds	4.8	3.8	12/01/2017	5,139,163	0.199
British Columbia Muni Financing Authority	Bonds	4.8	3.6	12/01/2017	5,158,119	0.199
British Columbia Muni Financing Authority	Bonds	4.8	4.4	12/01/2017	5,048,151	0.189
British Columbia Muni Financing Authority	Bonds	4.8	5.0	12/01/2017	9,959,706	0.369
Finance Quebec	Bonds	3.5	3.4	12/01/2017	2,004,499	0.079
Nova Scotia, Province of	Strip - Coupon	0.0	5.2	12/01/2017	1,749,843	0.06%
Quebec, Province of	Bonds	0.0 4.5	5.2 4.6			0.369
Quebec, Province of			4.6 4.5	12/01/2017	9,979,239 5 999 428	
RUCDEO, FIUVILIOE UI	Bonds	4.5	4.5 4.6	12/01/2017 12/01/2017	5,999,428 9,979,239	0.229
Quebec Province of						
Quebec, Province of Vancouver, City of	Bonds Bonds	4.5 4.7	4.6	12/01/2017	2,006,393	0.07%

Issuer	Security Type	Coupon (%)	Yield	Maturity Date	Book Value	% of Total
New Brunswick Municipal Finance Corporation	Bonds	1.7	1.7	12/08/2017	6,493,704	0.23%
British Columbia, Province of	Strip - Coupon	0.0	6.5	12/09/2017	497,417	0.02%
Bank of Montreal	Senior Deposit Note	2.2	2.0	12/11/2017	25,184,465	0.91%
Bank of Montreal	Senior Deposit Note	2.2	2.0	12/11/2017	11,437,965	0.41%
Municipality of Metropolitan Toronto	Bonds	6.1	6.1	12/12/2017	3,003,358	0.11%
Municipality of Metropolitan Toronto	Bonds	6.1	5.7	12/12/2017	2,529,245	0.09%
Municipality of Metropolitan Toronto	Bonds	6.1	3.2	12/12/2017	2,163,868	0.08%
Municipality of Metropolitan Toronto	Bonds	6.1	5.8	12/12/2017	5,045,861	0.18%
Municipality of Metropolitan Toronto	Bonds	6.1	4.7	12/12/2017	2,077,584	0.07%
Municipality of Metropolitan Toronto	Bonds	6.1	4.7	12/12/2017	2,843,905	0.10%
Municipality of Metropolitan Toronto	Bonds	6.1	4.6	12/12/2017	1,676,588	0.06%
Alberta, Province of	Bonds	1.7	1.9	12/15/2017	2,985,905	0.11%
Alberta, Province of	Bonds	1.7	1.9	12/15/2017	1,990,603	0.07%
Alberta, Province of	Bonds	1.7	1.8	12/15/2017	1,995,313	0.07%
Alberta, Province of	Bonds	1.7	1.9	12/15/2017	1,990,603	0.07%
New Brunswick, Province of	Bonds	6.0	4.1	12/27/2017	11,760,310	0.42%
New Brunswick, Province of	Bonds	6.0	4.8	12/27/2017	5,163,437	0.19%
BC Investment Management Corp	Bonds	5.7	2.0	01/05/2018	5,537,315	0.20%
Scotiabank	Senior Deposit Note	2.4	2.0	01/11/2018	12,127,089	0.44%
Scotiabank	Senior Deposit Note	2.4	2.4	01/11/2018	3,999,058	0.14%
Ontario, Province of	Strip - Coupon	0.0	2.1	02/07/2018	4,876,927	0.18%
Hydro Quebec	Strip - Coupon	0.0	5.0	02/15/2018	7,354,137	0.26%
Ontario, Province of	Bonds	4.2	2.4	03/08/2018	4,567,595	0.16%
Ontario, Province of	Bonds	4.2	3.1	03/08/2018	4,643,901	0.17%
Ontario, Province of	Bonds	4.2	3.3	03/08/2018	7,696,354	0.28%
Royal Bank of Canada	Senior Deposit Note	2.3	2.1	03/12/2018	5,025,293	0.18%
Royal Bank of Canada	Senior Deposit Note	2.3	2.3	03/12/2018	4,999,252	0.18%
Royal Bank of Canada	Senior Deposit Note	2.3	2.8	03/12/2018	6,392,360	0.23%
Royal Bank of Canada	Senior Deposit Note	2.3	2.8	03/12/2018	4,920,707	0.18%
Royal Bank of Canada	Senior Deposit Note	2.3	2.9	03/12/2018	4,904,800	0.18%
Scotiabank	Senior Deposit Note	2.2	2.2	03/22/2018	3,000,000	0.11%
New Brunswick, Province of	Bonds	4.5	5.0	03/26/2018	1,966,605	0.07%
New Brunswick, Province of	Bonds	4.5	4.3	03/26/2018	6,936,968	0.25%
British Columbia Muni Financing Authority	Bonds	4.6	2.1	04/23/2018	2,695,085	0.10%
British Columbia Muni Financing Authority	Bonds	4.6	4.5	04/23/2018	3,010,831	0.11%
British Columbia Muni Financing Authority	Bonds	4.6	4.6	04/23/2018	1,895,050	0.07%
British Columbia Muni Financing Authority	Bonds	4.6	4.5	04/23/2018	5,021,553	0.18%
Ontario, Province of	Strip - Coupon	0.0	4.6	05/03/2018	6,607,709	0.24%
Hydro Quebec	Strip - Coupon	0.0	5.0	05/22/2018	4,222,669	0.15%
Finance Quebec	Floating Rate Note	1.7	1.7	06/01/2018	1,007,911	0.04%
Ontario, Province of	Bonds	5.5	3.7	06/02/2018	5,283,754	0.19%
Alberta, Province of	Bonds	1.6	2.5	06/15/2018	2,915,856	0.10%
Alberta, Province of	Floating Rate Note	1.3	1.3	06/15/2018	4,000,000	0.14%
Canada Housing Trust	Bonds	1.8	1.7	06/15/2018	2,003,673	0.07%
Canada Housing Trust	Bonds	2.1	2.1	06/15/2018	4,995,700	0.18%
		2.1	2.1	00, 0,2010	.,	0.1070

	Coupon					
lssuer	Security Type	(%)	Yield	Maturity Date	Book Value	Total
Municipality of Metropolitan Toronto	Bonds	5.0	2.6	06/27/2018	3,551,546	0.139
Municipality of Metropolitan Toronto	Bonds	5.0	1.9	06/27/2018	5,506,249	0.20%
Municipality of Metropolitan Toronto	Bonds	5.0	2.4	06/27/2018	5,429,228	0.20%
Royal Bank of Canada	Senior Deposit Note	2.8	2.8	07/12/2018	9,998,348	0.36%
BC Investment Management Corp	Bonds	2.8	2.8	08/02/2018	2,999,497	0.11%
BC Investment Management Corp	Bonds	2.8	2.1	08/02/2018	6,144,325	0.22%
Scotiabank	Senior Deposit Note	2.8	2.8	08/13/2018	3,499,277	0.13%
Ontario, Province of	Floating Rate Note	1.5	1.5	08/28/2018	5,000,000	0.18%
Hydro Quebec	Floating Rate Note	1.5	1.5	09/03/2018	5,000,000	0.18%
Ontario, Province of	Bonds	2.1	2.5	09/08/2018	4,927,631	0.18%
Edmonton, City of	Bonds	8.5	4.6	09/14/2018	1,129,831	0.04%
Edmonton, City of	Bonds	8.5	4.6	09/14/2018	5,655,202	0.20%
Edmonton, City of	Bonds	8.5	4.7	09/14/2018	790,360	0.03%
Royal Bank of Canada	Senior Deposit Note	2.9	2.9	10/11/2018	1,999,861	0.07%
Ontario Hydro	Strip - Coupon	0.0	4.7	10/17/2018	1,115,276	0.04%
Waterloo, Regional Municipality of	Bonds	1.9	1.9	11/06/2018	1,546,136	0.06%
Manitoba, Province of	Bonds	5.5	2.0	11/15/2018	5,656,771	0.20%
Manitoba, Province of	Bonds	5.5	3.4	11/15/2018	10,756,402	0.39%
Manitoba, Province of	Bonds	5.5	5.0	11/15/2018	20,335,260	0.739
Manitoba, Province of	Bonds	5.5	4.3	11/15/2018	5,210,124	0.199
Manitoba, Province of	Bonds	5.5	4.5	11/15/2018	10,337,493	0.379
Manitoba, Province of	Bonds	5.5	4.3	11/15/2018	5,203,986	0.199
Manitoba, Province of	Bonds	5.5	4.7	11/15/2018	2,058,244	0.079
British Columbia Muni Financing Authority	Bonds	5.1	5.1	11/20/2018	4,843,454	0.179
British Columbia Muni Financing Authority	Bonds	5.1	2.6	11/20/2018	3,827,799	0.149
British Columbia Muni Financing Authority	Bonds	5.1	2.2	11/20/2018	5,530,013	0.209
British Columbia Muni Financing Authority	Bonds	5.1	5.1	11/20/2018	4,991,654	0.18%
British Columbia Muni Financing Authority	Bonds	5.1	5.1	11/20/2018	2,994,992	0.11%
Master Credit Card Trust	Asset Backed Security	2.7	2.7	11/21/2018	1,999,998	0.07%
Finance Quebec	Bonds	2.4	2.7	12/01/2018	1,980,472	0.07%
Finance Quebec	Bonds	2.4	2.4	12/01/2018	1,999,551	0.07%
Nova Scotia, Province of	Strip - Coupon	0.0	5.3	12/01/2018	838,866	0.03%
Ontario, Province of	Strip - Coupon	0.0	2.1	12/02/2018	6,631,778	0.24%
Canada Housing Trust	Bonds	2.4	2.1	12/15/2018	5,041,237	0.18%
British Columbia, Province of	Bonds	4.7	4.1	12/18/2018	509,246	0.029
British Columbia, Province of	Bonds	4.7	4.3	12/18/2018	5,061,370	0.189
Municipality of Metropolitan Toronto	Bonds	5.6	5.6	12/18/2018	2,007,408	0.079
Municipality of Metropolitan Toronto	Bonds	5.6	5.6	12/18/2018	919,791	0.039
Municipality of Metropolitan Toronto	Bonds	5.6	5.6	12/18/2018	3,599,182	0.139
Municipality of Metropolitan Toronto	Bonds	5.6	4.3	12/18/2018	5,228,757	0.19%
Municipality of Metropolitan Toronto	Bonds	5.6	5.7	12/18/2018	2,493,339	0.099
Municipality of Metropolitan Toronto	Bonds	5.6	5.7	12/18/2018	9,978,714	0.369
Municipality of Metropolitan Toronto	Bonds	5.6	7.0	12/18/2018	1,902,738	0.079
Municipality of Metropolitan Toronto	Bonds	5.6	6.1	12/18/2018	3,936,712	0.149
Hydro Quebec	Strip - Coupon	0.0	3.9	02/15/2019	855,814	0.039

		Coupon			_	% of
Issuer	Security Type	(%)	Yield	Maturity Date	Book Value	Total
Ontario, Province of	Strip - Coupon	0.0	2.7	03/01/2019	896,179	0.03%
BC Investment Management Corp	Bonds	3.0	2.2	03/07/2019	3,089,289	0.119
Scotiabank	Senior Deposit Note	2.5	2.5	03/14/2019	5,000,000	0.189
Manitoba, Province of	Floating Rate Note	1.4	1.4	04/02/2019	3,005,088	0.119
Toronto Dominion Bank	Senior Deposit Note	2.4	2.4	04/02/2019	5,000,000	0.189
Ontario Hydro	Strip - Coupon	0.0	4.6	04/15/2019	1,682,999	0.069
York, Regional Municipality of	Bonds	5.0	4.2	04/29/2019	2,062,970	0.079
York, Regional Municipality of	Bonds	5.0	5.0	04/29/2019	4,994,063	0.189
GENESIS TRUST	Asset Backed Security	2.4	2.4	05/15/2019	4,999,997	0.18%
Nova Scotia, Province of	Strip - Coupon	0.0	2.6	06/01/2019	2,227,133	0.08%
British Columbia Muni Financing Authority	Bonds	2.1	2.1	06/02/2019	2,996,108	0.11%
British Columbia Muni Financing Authority	Bonds	2.1	2.1	06/02/2019	3,795,070	0.14%
Nova Scotia, Province of	Strip - Coupon	0.0	2.6	06/02/2019	1,679,177	0.06%
Ontario, Province of	Bonds	4.4	4.4	06/02/2019	4,994,891	0.18%
Ontario, Province of	Bonds	5.4	4.5	06/02/2019	4,659,133	0.17%
Ontario, Province of	Bonds	4.4	2.3	06/02/2019	3,044,273	0.11%
Ontario, Province of	Bonds	4.4	2.4	06/02/2019	2,386,927	0.09%
Ontario, Province of	Bonds	4.4	2.2	06/02/2019	3,276,120	0.129
British Columbia Muni Financing Authority	Bonds	4.9	4.9	06/03/2019	1,997,938	0.079
British Columbia Muni Financing Authority	Bonds	4.9	4.9	06/03/2019	4,994,845	0.189
British Columbia Muni Financing Authority	Bonds	4.9	4.1	06/03/2019	2,415,224	0.099
British Columbia Muni Financing Authority	Bonds	4.9	4.1	06/03/2019	5,158,531	0.199
British Columbia Muni Financing Authority	Bonds	4.9	4.9	06/03/2019	1,997,938	0.079
British Columbia Muni Financing Authority	Bonds	4.9	4.9	06/03/2019	2,996,907	0.119
New Brunswick, Province of	Bonds	4.4	3.5	06/03/2019	3,108,542	0.119
New Brunswick, Province of	Strip - Coupon	0.0	2.6	06/03/2019	893,707	0.03%
New Brunswick, Province of	Bonds	4.4	4.6	06/03/2019	1,984,004	0.07%
British Columbia, Province of	Bonds	5.3	5.5	06/17/2019	4,955,090	0.18%
British Columbia, Province of	Bonds	5.3	4.5	06/17/2019	5,150,574	0.19%
British Columbia, Province of	Strip - Coupon	0.0	3.8	06/18/2019	8,436,232	0.30%
CIBC	Senior Deposit Note	2.4	2.4	06/24/2019	5,895,269	0.21%
Hollis Rec Trust	Asset Backed Security	2.4	2.4	06/26/2019	7,999,996	0.29%
Hollis Rec Trust	Asset Backed Security	2.4	2.3	06/26/2019	10,045,946	0.369
Quebec, Province of	Floating Rate Note	1.5	1.5	08/21/2019	5,000,000	0.189
Ottawa Carleton, Regional Municipality of	Bonds	6.2	4.7	09/10/2019	4,286,847	0.159
Ottawa Carleton, Regional Municipality of	Bonds	6.2	6.2	09/10/2019	2,096,657	0.089
Scotiabank	Senior Deposit Note	2.4	2.4	10/28/2019	11,997,333	0.439
Durham District School Board	Bonds	6.8	5.3	11/19/2019	2,123,649	0.089
Hydro Quebec	Strip - Residual	0.0	5.2	11/22/2019	7,764,302	0.289
Waterloo, Regional Municipality of	Bonds	4.8	4.8	11/28/2019	968,000	0.039
Finance Quebec	Bonds	2.5	2.5	12/01/2019	5,396,740	0.199
Finance Quebec	Bonds	2.5	2.4	12/01/2019	3,001,741	0.119
Finance Quebec	Bonds	2.5	2.5	12/01/2019	5,989,252	0.229
Finance Quebec	Bonds	2.5	2.5	12/01/2019	3,992,835	0.149
Hydro Quebec	Floating Rate Note	1.4	1.4	12/01/2019	5,000,000	0.189

		Coupon				% of
Issuer	Security Type	(%)	Yield	Maturity Date	Book Value	Total
Montreal, City of	Bonds	5.5	3.1	12/01/2019	1,180,841	0.04%
Quebec, Province of	Bonds	4.5	4.6	12/01/2019	2,981,017	0.11%
Municipality of Metropolitan Toronto	Bonds	4.5	2.9	12/02/2019	5,154,055	0.19%
Municipality of Metropolitan Toronto	Bonds	4.5	2.6	12/02/2019	5,429,910	0.20%
Municipality of Metropolitan Toronto	Bonds	4.5	2.7	12/02/2019	2,491,780	0.09%
Vancouver, City of	Bonds	4.9	4.9	12/02/2019	1,998,738	0.07%
Vancouver, City of	Bonds	4.9	4.9	12/02/2019	2,998,107	0.11%
Royal Bank of Canada	Senior Deposit Note	2.4	2.4	12/09/2019	6,998,686	0.25%
Quebec, City of	Bonds	4.4	3.1	12/16/2019	5,287,349	0.19%
British Columbia, Province of	Bonds	4.1	4.3	12/18/2019	1,984,383	0.07%
British Columbia, Province of	Bonds	4.1	4.1	12/18/2019	2,000,204	0.07%
British Columbia, Province of	Bonds	4.1	4.1	12/18/2019	1,997,838	0.07%
British Columbia, Province of	Bonds	4.1	4.1	12/18/2019	2,497,297	0.09%
British Columbia, Province of	Bonds	4.1	4.1	12/18/2019	499,459	0.02%
British Columbia, Province of	Bonds	4.1	4.3	12/18/2019	4,960,956	0.18%
Manitoba, Province of	Bonds	4.8	4.8	02/11/2020	4,977,601	0.18%
Manitoba, Province of	Bonds	4.8	2.8	02/11/2020	1,093,055	0.04%
Manitoba, Province of	Bonds	4.8	3.6	02/11/2020	3,163,081	0.11%
Manitoba, Province of	Bonds	4.8	4.5	02/11/2020	2,025,439	0.07%
British Columbia, Province of	Strip - Coupon	0.0	4.0	02/23/2020	3,442,490	0.12%
Canada Housing Trust	Bonds	3.8	2.1	03/15/2020	1,513,200	0.05%
British Columbia Muni Financing Authority	Bonds	4.5	4.5	06/01/2020	1,198,648	0.04%
British Columbia Muni Financing Authority	Bonds	4.5	3.1	06/01/2020	1,493,304	0.05%
New Brunswick, Province of	Bonds	4.5	4.0	06/02/2020	10,264,978	0.37%
New Brunswick, Province of	Bonds	4.5	4.0	06/02/2020	5,111,636	0.18%
New Brunswick, Province of	Bonds	4.5	4.0	06/02/2020	5,122,519	0.18%
New Brunswick, Province of	Bonds	4.5	4.0	06/02/2020	2,049,730	0.07%
New Brunswick, Province of	Bonds	4.5	4.5	06/02/2020	1,997,157	0.07%
Ontario, Province of	Bonds	4.2	2.8	06/02/2020	3,213,198	0.12%
Ontario, Province of	Bonds	4.2	2.5	06/02/2020	1,933,240	0.07%
Manitoba, Province of	Bonds	4.2	4.2	06/03/2020	2,988,438	0.11%
Manitoba, Province of	Bonds	4.2	4.2	06/03/2020	996,146	0.04%
Toronto Dominion Bank	Senior Deposit Note	2.6	2.6	06/24/2020	8,000,000	0.29%
York, Regional Municipality of	Bonds	4.5	4.5	06/30/2020	1,996,430	0.07%
York, Regional Municipality of	Bonds	4.5	2.7	06/30/2020	6,988,254	0.25%
Prince Edward Island, Province of	Bonds	3.7	3.8	09/02/2020	1,993,531	0.07%
British Columbia, Province of	Bonds	10.6	4.5	09/05/2020	3,824,225	0.14%
Waterloo, Regional Municipality of	Bonds	6.7	4.8	11/17/2020	1,685,076	0.06%
Waterloo, Regional Municipality of	Bonds	4.8	4.8	11/28/2020	1,013,221	0.04%
British Columbia, Province of	Bonds	3.7	2.4	12/18/2020	1,071,662	0.04%
Ontario, Province of	Strip - Coupon	0.0	4.9	01/13/2021	3,884,556	0.14%
Royal Bank of Canada	Senior Deposit Note	2.9	2.9	03/04/2021	3,999,538	0.14%
Bank of Montreal	Senior Deposit Note	3.4	3.4	04/23/2021	9,993,221	0.36%
Scotiabank	Senior Deposit Note	2.9	2.9	06/04/2021	9,000,000	0.32%
Ocollabalik	Ochiol Deposit Note	2.5		00/01/2021	0,000,000	0.02/0

Issuer	Security Type	Coupon (%)	Yield	Maturity Date	Book Value	% of Total
York, Regional Municipality of	Bonds	4.0	4.0	06/30/2021	1,998,179	0.07%
York, Regional Municipality of	Bonds	4.0	2.9	06/30/2021	5,309,951	0.19%
York, Regional Municipality of	Bonds	4.0	2.9	06/30/2021	1,061,770	0.04%
York, Regional Municipality of	Bonds	4.0	3.4	06/30/2021	2,069,692	0.07%
Business Development Bank of Canada	Bonds	4.8	2.8	07/26/2021	3,916,745	0.14%
Municipality of Metropolitan Toronto	Bonds	6.8	6.6	07/26/2021	2,018,736	0.07%
Municipality of Metropolitan Toronto	Bonds	6.8	4.7	07/26/2021	1,677,396	0.06%
Municipality of Metropolitan Toronto	Bonds	6.8	5.9	07/26/2021	10,479,507	0.38%
Municipality of Metropolitan Toronto	Bonds	6.8	6.7	07/26/2021	2,515,027	0.09%
Municipality of Metropolitan Toronto	Bonds	6.8	6.6	07/26/2021	1,009,368	0.04%
Municipality of Metropolitan Toronto	Bonds	6.8	3.3	07/26/2021	4,930,226	0.18%
Hydro Quebec	Strip - Coupon	0.0	5.1	08/15/2021	840,719	0.03%
Quebec, Province of	Strip - Coupon	0.0	4.7	09/21/2021	2,930,888	0.11%
Hydro Quebec	Strip - Coupon	0.0	3.3	10/15/2021	853,657	0.03%
Ontario Hydro	Strip - Coupon	0.0	4.6	10/15/2021	3,241,655	0.12%
Nova Scotia, Province of	Bonds	4.5	4.5	10/24/2021	4,991,987	0.18%
Montreal, City of	Bonds	4.5	3.8	12/01/2021	5,216,293	0.19%
Montreal, City of	Bonds	4.5	3.1	12/01/2021	8,691,648	0.31%
Montreal, City of	Bonds	4.5	3.6	12/01/2021	2,957,478	0.11%
Quebec, Province of	Strip - Coupon	0.0	3.8	12/01/2021	1,875,474	0.07%
Municipality of Metropolitan Toronto	Bonds	3.5	3.0	12/06/2021	8,263,248	0.30%
Municipality of Metropolitan Toronto	Bonds	3.5	3.0	12/06/2021	5,141,636	0.19%
Municipality of Metropolitan Toronto	Bonds	3.5	3.4	12/06/2021	1,004,711	0.04%
Toronto Dominion Bank	Senior Deposit Note	2.6	2.6	12/22/2021	10,500,000	0.38%
Nova Scotia, Province of	Bonds	9.6	3.2	01/30/2022	2,098,910	0.08%
Nova Scotia, Province of	Bonds	9.6	4.7	01/30/2022	6,456,570	0.23%
Hydro Quebec	Strip - Coupon	0.0	5.0	02/15/2022	7,057,553	0.25%
Hydro Quebec	Strip - Coupon	0.0	4.9	02/15/2022	3,843,350	0.14%
Hydro Quebec	Strip - Coupon	0.0	5.1	02/15/2022	819,996	0.03%
Canada Housing Trust	Bonds	2.7	2.8	03/15/2022	2,469,240	0.09%
British Columbia Muni Financing Authority	Bonds	3.4	3.4	06/01/2022	2,997,344	0.11%
British Columbia Muni Financing Authority	Bonds	3.4	2.9	06/01/2022	5,157,434	0.19%
British Columbia Muni Financing Authority	Bonds	3.4	2.9	06/01/2022	3,094,461	0.11%
Ontario, Province of	Bonds	3.2	3.2	06/02/2022	3,589,091	0.13%
Hamilton, City of	Bonds	5.1	5.0	06/19/2022	3,219,899	0.12%
Hydro Quebec	Strip - Residual	0.0	4.9	07/15/2022	10,389,517	0.37%
Hydro Quebec	Strip - Coupon	0.0	3.9	08/15/2022	13,309,344	0.48%
Hydro Quebec	Strip - Coupon	0.0	5.1	08/15/2022	799,771	0.03%
Hydro Quebec	Strip - Coupon	0.0	4.9	08/15/2022	6,173,804	0.00%
Ontario Hydro	Strip - Coupon	0.0	2.9	08/18/2022	7,628,337	0.22%
Ontario Hydro	Strip - Coupon	0.0	6.0	08/18/2022	9,549,134	0.27%
Ontario Hydro	Strip - Coupon	0.0	3.4	08/18/2022	3,873,314	0.34%
Ontario Hydro	Bonds	8.9	3.4 2.9	08/18/2022	12,663,861	0.14%
Ontario Hydro	Strip - Coupon	0.0	2.9	08/18/2022	3,906,300	0.46%
Ontario Hydro	Bonds	8.9	2.9	08/18/2022	7,048,820	0.25%

Issuer	Security Type	Coupon (%)	Yield	Maturity Date	Book Value	% of Total
British Columbia, Province of	Bonds	8.8	4.4	08/19/2022	6,405,486	0.23%
Ontario, Province of	Strip - Coupon	0.0	4.9	11/03/2022	4,508,632	0.16%
Canada Housing Trust	Bonds	2.4	2.5	12/15/2022	4,952,978	0.18%
Canada Housing Trust	Bonds	2.4	2.5	12/15/2022	14,858,935	0.53%
British Columbia, Province of	Bonds	2.7	2.7	12/18/2022	1,995,847	0.07%
British Columbia, Province of	Bonds	2.7	2.7	12/18/2022	1,495,108	0.05%
Quebec, Province of	Bonds	9.4	3.0	01/16/2023	5,085,400	0.18%
Quebec, Province of	Bonds	9.4	3.3	01/16/2023	2,145,237	0.08%
Manitoba, Province of	Bonds	2.6	2.6	06/02/2023	1,993,557	0.07%
Manitoba, Province of	Bonds	2.6	2.6	06/02/2023	2,990,336	0.11%
New Brunswick, Province of	Bonds	2.9	2.9	06/02/2023	2,988,334	0.11%
New Brunswick, Province of	Bonds	2.9	3.0	06/02/2023	1,983,225	0.07%
New Brunswick, Province of	Bonds	2.9	3.0	06/02/2023	1,983,225	0.07%
New Brunswick, Province of	Bonds	2.9	2.9	06/02/2023	1,992,223	0.07%
Ontario, Province of	Bonds	2.9	2.9	06/02/2023	2,991,912	0.11%
Ontario, Province of	Bonds	2.9	3.5	06/02/2023	1,899,828	0.07%
Ontario, Province of	Bonds	2.9	3.1	06/02/2023	4,902,171	0.18%
Ontario, Province of	Bonds	2.9	3.1	06/02/2023	984,590	0.04%
Ontario, Province of	Bonds	2.9	3.1	06/02/2023	2,949,332	0.11%
Ontario, Province of	Bonds	2.9	2.9	06/02/2023	4,989,161	0.18%
Ontario, Province of	Bonds	2.9	3.2	06/02/2023	3,898,054	0.14%
Ontario, Province of	Bonds	2.9	2.8	06/02/2023	2,508,191	0.09%
Ontario, Province of	Bonds	2.9	3.4	06/02/2023	1,924,574	0.07%
Ontario, Province of	Bonds	2.9	3.0	06/02/2023	4,928,421	0.18%
Ontario, Province of	Bonds	2.9	3.1	06/02/2023	3,938,359	0.14%
Ontario, Province of	Bonds	2.9	3.6	06/02/2023	4,725,097	0.17%
Niagara, Regional Municipality of	Bonds	3.2	3.2	07/31/2023	498,805	0.02%
Montreal, City of	Bonds	3.5	4.2	09/01/2023	3,325,024	0.12%
Quebec, Province of	Bonds	3.0	3.0	09/01/2023	4,999,840	0.18%
British Columbia, Province of	Bonds	8.0	2.9	09/08/2023	2,775,335	0.10%
Quebec, City of	Bonds	4.0	4.2	09/25/2023	13,782,039	0.50%
British Columbia Muni Financing Authority	Bonds	3.8	3.8	09/26/2023	2,992,046	0.11%
British Columbia Muni Financing Authority	Bonds	3.8	3.8	09/26/2023	2,992,046	0.11%
British Columbia Muni Financing Authority	Bonds	3.8	3.8	09/26/2023	1,994,698	0.07%
British Columbia Muni Financing Authority	Bonds	3.8	3.3	09/26/2023	3,106,277	0.11%
British Columbia Muni Financing Authority	Bonds	3.8	3.3	09/26/2023	3,106,277	0.11%
British Columbia Muni Financing Authority	Bonds	3.8	3.3	09/26/2023	2,070,851	0.07%
Municipality of Metropolitan Toronto	Bonds	3.9	3.4	09/29/2023	2,069,350	0.07%
Durham, Regional Municipality of	Bonds	3.7	3.7	10/16/2023	1,196,215	0.04%
Ottawa, City of	Bonds	3.8	3.8	10/22/2023	2,995,305	0.11%
Vancouver, City of	Bonds	3.8	3.3	10/24/2023	1,928,081	0.07%
Vancouver, City of	Bonds	3.8	3.8	10/24/2023	4,994,781	0.18%
Vancouver, City of	Bonds	3.8	3.7	10/24/2023	5,026,348	0.18%
VILLE de LAVAL	Bonds	4.0	4.1	10/30/2023	4,945,028	0.18%
VILLE de LAVAL	Bonds	4.0	3.9	10/30/2023	1,745,394	0.06%

	Coupon					
Issuer Security Type	(%)	Yield	Maturity Date	Book Value	% of Total	
Alberta, Province of Bonds	3.4	3.2	12/01/2023	2,026,178	0.07%	
Quebec, City of Bonds	3.7	3.8	12/04/2023	4,928,821	0.18%	
Ontario Hydro Strip - Coupon	0.0	4.1	04/11/2024	8,345,430	0.30%	
Ontario Hydro Strip - Coupon	0.0	3.6	04/11/2024	3,603,050	0.13%	
Ontario Hydro Strip - Coupon	0.0	3.7	04/11/2024	3,564,554	0.13%	
Municipality of Metropolitan Toronto Bonds	3.4	3.0	05/21/2024	5,155,532	0.19%	
Municipality of Metropolitan Toronto Bonds	3.4	3.0	05/21/2024	2,060,645	0.07%	
Manitoba, Province of Bonds	3.3	3.4	06/02/2024	2,489,846	0.09%	
Ontario, Province of Bonds	3.5	3.1	06/02/2024	3,102,768	0.11%	
Ontario, Province of Bonds	3.5	3.2	06/02/2024	1,026,191	0.04%	
Ontario, Province of Bonds	3.5	3.2	06/02/2024	3,065,946	0.11%	
Ontario, Province of Bonds	3.5	2.8	06/02/2024	3,159,970	0.11%	
Ontario, Province of Bonds	3.5	2.8	06/02/2024	1,158,656	0.04%	
Ontario, Province of Bonds	3.5	2.8	06/02/2024	3,159,970	0.11%	
Ontario, Province of Bonds	3.5	3.3	06/02/2024	3,059,347	0.11%	
Ontario, Province of Bonds	3.5	3.2	06/02/2024	3,077,327	0.11%	
Ontario, Province of Bonds	3.5	3.2	06/02/2024	3,066,507	0.11%	
Ontario, Province of Bonds	3.5	3.4	06/02/2024	3,014,052	0.11%	
Ontario, Province of Bonds	3.5	3.3	06/02/2024	5,093,483	0.18%	
Ontario, Province of Bonds	3.5	3.5	06/02/2024	4,990,013	0.18%	
New Brunswick, Province of Bonds	3.7	3.7	06/03/2024	2,996,427	0.11%	
New Brunswick, Province of Bonds	3.7	3.7	06/03/2024	1,997,622	0.07%	
New Brunswick, Province of Bonds	3.7	3.3	06/03/2024	3,090,728	0.11%	
Saskatchewan, Province of Bonds	3.2	3.2	06/03/2024	1,999,604	0.07%	
Quebec, City of Bonds	3.3	3.5	06/10/2024	4,935,705	0.18%	
Canada Housing Trust Bonds	2.9	2.5	06/15/2024	5,155,822	0.19%	
Canada Housing Trust Bonds	2.9	2.5	06/15/2024	10,311,661	0.37%	
Canada Housing Trust Bonds	2.9	2.5	06/15/2024	8,249,314	0.30%	
VILLE de LAVAL Bonds	3.3	3.2	06/18/2024	2,565,813	0.09%	
VILLE de LAVAL Bonds	3.3	3.5	06/18/2024	1,968,024	0.07%	
Toronto Dominion Bank Senior Deposit Note	3.2	3.2	07/24/2024	2,000,000	0.07%	
Niagara, Regional Municipality of Bonds	3.3	3.3	07/31/2024	998,698	0.04%	
British Columbia, Province of Strip - Residual	0.0	6.4	08/23/2024	8,209,609	0.30%	
British Columbia, Province of Strip - Residual	0.0	6.1	08/23/2024	5,610,493	0.20%	
Montreal, City of Bonds	3.5	3.5	09/01/2024	1,497,012	0.05%	
Montreal, City of Bonds	3.5	3.2	09/01/2024	8,679,471	0.31%	
Montreal, City of Bonds	3.5	3.2	09/01/2024	12,284,889	0.44%	
Ontario, Province of Strip - Coupon	0.0	4.2	09/01/2024	1,112,535	0.04%	
Quebec, Province of Bonds	3.8	3.0	09/01/2024	3,188,519	0.11%	
Quebec, Province of Bonds	3.8	3.0	09/01/2024	2,125,679	0.08%	
Quebec, Province of Bonds	3.8	3.1	09/01/2024	3,172,506	0.11%	
Quebec, Province of Bonds	3.8	3.1	09/01/2024	5,287,510	0.19%	
Quebec, Province of Bonds	3.8	3.0	09/01/2024	5,314,198	0.19%	
Quebec, Province of Bonds Quebec, Province of Bonds Quebec, City of Bonds	3.8 3.8 3.1	3.0 3.1 3.2	09/01/2024 09/01/2024 09/03/2024	5,314,198 2,115,004 10,827,704	0.19% 0.08% 0.39%	

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Issuer	Security Type	(%)	Yield	Maturity Date	Book Value	Total
British Columbia Muni Financing Authority	Bonds	3.0	3.0	10/14/2024	4,982,731	0.18%
Durham, Regional Municipality of	Bonds	3.8	3.8	10/15/2024	1,806,269	0.07%
Vancouver, City of	Bonds	3.1	3.1	10/16/2024	2,996,731	0.11%
Vancouver, City of	Bonds	3.1	3.1	10/16/2024	4,994,552	0.18%
Waterloo, Regional Municipality of	Bonds	3.9	3.9	10/24/2024	605,315	0.02%
VILLE de LAVAL	Bonds	3.1	3.2	11/05/2024	3,850,026	0.14%
Quebec, City of	Bonds	3.1	3.3	11/12/2024	4,928,453	0.18%
Montreal, City of	Bonds	5.5	4.0	12/01/2024	2,795,508	0.10%
Montreal, City of	Bonds	5.5	4.0	12/01/2024	3,204,770	0.12%
Montreal, City of	Bonds	5.5	3.4	12/01/2024	2,405,056	0.09%
New Brunswick Municipal Finance Corporation	Bonds	3.6	3.6	05/15/2025	1,392,925	0.05%
New Brunswick Municipal Finance Corporation	Bonds	3.5	3.5	06/14/2025	2,604,537	0.09%
CDA POST	Bonds	4.1	4.0	07/16/2025	5,023,833	0.18%
CDA POST	Bonds	4.1	4.1	07/16/2025	499,786	0.02%
Manitoba, Province of	Bonds	4.4	3.6	09/05/2025	3,760,739	0.14%
Durham, Regional Municipality of	Bonds	3.9	3.9	10/15/2025	1,870,269	0.07%
Waterloo, Regional Municipality of	Bonds	3.9	3.9	10/24/2025	621,329	0.02%
New Brunswick Municipal Finance Corporation	Bonds	3.9	3.9	11/20/2025	1,200,450	0.04%
Quebec, Province of	Strip - Coupon	0.0	3.6	12/01/2025	1,348,233	0.05%
Newfoundland, Province of	Bonds	8.5	3.7	02/05/2026	1,431,872	0.05%
British Columbia Muni Financing Authority	Bonds	4.6	3.1	04/02/2026	9,494,770	0.34%
New Brunswick Municipal Finance Corporation	Bonds	3.7	3.7	05/15/2026	1,416,470	0.05%
Simcoe County District School Bd.	Bonds	6.8	4.0	06/19/2026	1,478,759	0.05%
Durham, Regional Municipality of	Bonds	4.0	4.0	10/16/2026	1,945,274	0.07%
Waterloo, Regional Municipality of	Bonds	4.0	4.0	10/24/2026	640,965	0.02%
Waterloo, Regional Municipality of	Bonds	3.2	3.2	11/06/2026	1,503,646	0.05%
Ontario, Province of	Strip - Residual	0.0	5.9	12/02/2026	5,025,287	0.18%
New Brunswick Municipal Finance Corporation	Bonds	3.7	3.7	05/15/2027	1,410,958	0.05%
Government of Canada	Bonds	8.0	4.1	06/01/2027	6,893,387	0.25%
Government of Canada	Bonds	8.0	2.1	06/01/2027	4,087,943	0.15%
Nova Scotia, Province of	Bonds	6.6	4.6	06/01/2027	11,850,870	0.43%
Nova Scotia, Province of	Bonds	6.6	3.2	06/01/2027	6,732,623	0.24%
Nova Scotia, Province of	Bonds	6.6	3.2	06/01/2027	1,348,059	0.05%
Durham, Regional Municipality of	Bonds	3.6	3.6	07/02/2027	2,053,428	0.07%
Durham, Regional Municipality of	Bonds	4.0	4.0	10/16/2027	2,015,981	0.07%
Waterloo, Regional Municipality of	Bonds	4.1	4.1	10/24/2027	659,757	0.02%
British Columbia Muni Financing Authority	Bonds	5.0	4.1	12/01/2027	19,491,869	0.70%
British Columbia Muni Financing Authority	Bonds	5.0	4.2	12/01/2027	4,391,115	0.16%
Ontario, Province of	Strip - Coupon	0.0	3.8	03/08/2028	568,915	0.02%
New Brunswick Municipal Finance Corporation	Bonds	3.8	3.8	05/15/2028	1,436,413	0.05%
Durham, Regional Municipality of	Bonds	3.7	3.7	07/02/2028	2,121,079	0.08%
Durham ,Regional Municipality of	Bonds	4.1	4.1	10/16/2028	2,098,501	0.08%
Waterloo, Regional Municipality of	Bonds	4.2	4.2	10/24/2028	680,718	0.02%
	Bonds	4.2	4.2	11/20/2028	1,687,391	0.06%
New Brunswick Municipal Finance Corporation	Donus	4.2	7.2	11/20/2020	1,007,001	0.007

Ontario, Province of Saskatchewan, Province of			Yield	Maturity Date	Book Value	Total
askatchewan, Province of	Strip - Coupon	0.0	4.1	03/01/2029	930,587	0.03%
	Bonds	5.8	5.2	03/05/2029	1,057,341	0.04%
Bovernment of Canada	Bonds	5.8	4.6	06/01/2029	8,944,778	0.32%
Bovernment of Canada	Bonds	5.8	4.7	06/01/2029	11,093,697	0.40%
Bovernment of Canada	Bonds	5.8	4.3	06/01/2029	810,647	0.03%
Bovernment of Canada	Bonds	5.8	4.6	06/01/2029	4,626,527	0.17%
Intario, Province of	Strip - Coupon	0.0	3.7	06/02/2029	7,410,024	0.27%
lew Brunswick, Province of	Strip - Coupon	0.0	4.1	06/03/2029	950,527	0.03%
ritish Columbia, Province of	Bonds	5.7	3.0	06/18/2029	2,618,227	0.09%
Ourham ,Regional Municipality of	Bonds	3.8	3.8	07/02/2029	1,099,153	0.04%
rince Edward Island, Province of	Strip - Coupon	0.0	4.4	07/17/2029	371,197	0.01%
lydro Quebec	Strip - Coupon	0.0	4.5	08/15/2029	5,224,269	0.19%
lydro Quebec	Strip - Coupon	0.0	3.7	08/15/2029	757,661	0.03%
Dontario, Province of	Strip - Coupon	0.0	4.0	09/01/2029	926,238	0.03%
Ianitoba, Province of	Bonds	3.3	3.7	09/05/2029	7,623,146	0.27%
Quebec, Province of	Bonds	6.0	3.3	10/01/2029	2,621,783	0.09%
Quebec, Province of	Bonds	6.0	3.3	10/01/2029	3,925,614	0.14%
lew Brunswick Municipal Finance Corporation	Bonds	4.2	4.2	11/20/2029	1,166,839	0.04%
Prince Edward Island, Province of	Strip - Coupon	0.0	4.4	01/17/2030	362,885	0.01%
askatchewan, Province of	Bonds	6.4	4.8	01/25/2030	11,665,197	0.42%
askatchewan, Province of	Bonds	6.4	4.1	01/25/2030	6,266,734	0.23%
lydro Quebec	Strip - Coupon	0.0	4.4	02/15/2030	5,145,771	0.19%
Ditario, Province of	Strip - Coupon	0.0	4.0	03/01/2030	909,295	0.03%
Prince Edward Island, Province of	Strip - Coupon	0.0	4.4	07/17/2030	354,743	0.01%
lew Brunswick Municipal Finance Corporation	Bonds	4.3	4.3	11/20/2030	1,216,596	0.04%
British Columbia, Province of	Strip - Coupon	0.0	3.8	12/18/2030	2,414,626	0.09%
Intario, Province of	Strip - Residual	0.0	4.2	01/13/2031	2,567,543	0.09%
Intario, Province of	Strip - Residual	0.0	4.3	01/13/2031	1,514,354	0.05%
Intario, Province of	Strip - Residual	0.0	4.3	01/13/2031	2,543,764	0.09%
Prince Edward Island, Province of	Strip - Coupon	0.0	4.4	01/17/2031	346,764	0.01%
Ianitoba, Province of	Bonds	6.3	3.3	03/05/2031	6,831,821	0.25%
Ianitoba, Province of	Bonds	6.3	3.1	03/05/2031	6,288,631	0.23%
Ianitoba, Province of	Bonds	6.3	5.0	03/05/2031	1,720,759	0.06%
Ianitoba, Province of	Bonds	6.3	3.3	03/05/2031	2,056,149	0.07%
Intario, Province of	Strip - Coupon	0.0	4.4	06/02/2031	2,462,396	0.09%
British Columbia, Province of	Bonds	6.4	3.2	06/18/2031	3,376,072	0.12%
British Columbia, Province of	Bonds	6.4	3.1	06/18/2031	6,346,960	0.23%
Prince Edward Island, Province of	Strip - Coupon	0.0	4.5	07/17/2031	338,955	0.01%
City of St John	Bonds	4.6	4.6	08/11/2031	2,000,000	0.07%
lydro Quebec	Strip - Coupon	0.0	4.1	08/15/2031	511,891	0.02%
lew Brunswick Municipal Finance Corporation	Bonds	4.3	4.4	11/20/2031	1,266,975	0.05%
Ditario, Province of	Strip - Coupon	0.0	4.0	12/02/2031	3,580,816	0.13%
lew Brunswick, Province of	Strip - Coupon	0.0	4.0	12/03/2031	1,085,437	0.04%
ork, Regional Municipality of	Bonds	4.0	4.0	05/30/2032	2,995,134	0.11%
, , , , , , , , , , , , , , , , , , , ,	Bonds	4.0	3.8	05/30/2032	7,206,716	0.26%

		Coupon				% of
lssuer	Security Type	(%)	Yield	Maturity Date	Book Value	Total
York, Regional Municipality of	Bonds	4.0	4.0	05/30/2032	4,981,077	0.18%
York, Regional Municipality of	Bonds	4.0	4.2	05/30/2032	1,942,895	0.07%
Nova Scotia, Province of	Strip - Coupon	0.0	4.1	06/01/2032	542,084	0.02%
New Brunswick Municipal Finance Corporation	Bonds	4.4	4.4	11/20/2032	1,123,031	0.04%
Montreal, City of	Bonds	4.3	4.5	12/01/2032	1,948,451	0.07%
Montreal, City of	Bonds	4.3	4.7	12/01/2032	4,230,860	0.15%
Montreal, City of	Bonds	4.3	3.7	12/01/2032	5,345,038	0.19%
Montreal, City of	Bonds	4.3	3.7	12/01/2032	5,330,538	0.19%
Montreal, City of	Bonds	4.3	3.8	12/01/2032	3,382,772	0.12%
Montreal, City of	Bonds	4.3	3.9	12/01/2032	5,193,064	0.19%
Montreal, City of	Bonds	4.3	4.3	12/01/2032	2,981,611	0.11%
Montreal, City of	Bonds	4.3	4.3	12/01/2032	4,984,203	0.18%
Montreal, City of	Bonds	4.3	4.0	12/01/2032	3,112,030	0.11%
Montreal, City of	Bonds	4.3	4.5	12/01/2032	590,045	0.02%
Montreal, City of	Bonds	4.3	4.5	12/01/2032	4,865,338	0.18%
Montreal, City of	Bonds	4.3	3.6	12/01/2032	5,395,787	0.19%
Hydro Quebec	Strip - Coupon	0.0	3.8	01/16/2033	705,532	0.03%
Waterloo, Regional Municipality of	Bonds Bonds	3.8 3.8	3.8 3.8	05/13/2033 05/13/2033	3,494,452 3,827,746	0.13% 0.14%
Waterloo, Regional Municipality of York, Regional Municipality of	Bonds	3.8 3.7	3.8 3.7	05/13/2033	3,827,746 2,491,044	0.14%
York, Regional Municipality of	Bonds	3.7	3.7 4.4	05/13/2033	2,491,044 4,548,555	0.09%
York, Regional Municipality of	Bonds	3.7	4.5	05/13/2033	1,783,929	0.06%
York, Regional Municipality of	Bonds	3.7	4.1	05/13/2033	4,728,768	0.17%
York, Regional Municipality of	Bonds	3.7	3.7	05/13/2033	5,032,405	0.18%
Hydro Quebec	Strip - Coupon	0.0	3.8	07/16/2033	620,500	0.02%
Saskatchewan, Province of	Bonds	5.8	4.7	09/05/2033	5,673,225	0.20%
Ottawa, City of	Bonds	4.4	4.4	10/22/2033	4,993,030	0.18%
New Brunswick Municipal Finance Corporation	Bonds	4.4	4.4	11/20/2033	544,917	0.02%
Alberta, Province of	Bonds	3.9	4.0	12/01/2033	2,944,786	0.11%
Peel, Regional Municipality of	Bonds	4.3	4.3	12/02/2033	2,988,599	0.11%
Peel, Regional Municipality of	Bonds	4.3	4.3	12/02/2033	996,200	0.04%
Peel, Regional Municipality of	Bonds	4.3	4.4	12/02/2033	624,731	0.02%
Peel, Regional Municipality of	Bonds	4.3	4.1	12/02/2033	5,102,142	0.18%
New Brunswick Municipal Finance Corporation	Bonds	3.7	3.7	12/08/2033	1,537,541	0.06%
City of St John	Bonds	4.5	4.5	12/20/2033	10,000,000	0.36%
York, Regional Municipality of	Bonds	4.1	4.1	05/01/2034	8,260,386	0.30%
York, Regional Municipality of	Bonds	4.1	4.1	05/01/2034	1,991,491	0.07%
York, Regional Municipality of	Bonds	4.1	3.8	05/01/2034	10,316,619	0.37%
York, Regional Municipality of	Bonds	4.1	3.8	05/01/2034	10,834,956	0.39%
York, Regional Municipality of	Bonds	4.1	4.1	05/01/2034	1,991,491	0.07%
York, Regional Municipality of	Bonds	4.1	3.8	05/01/2034	10,319,006	0.37%
York, Regional Municipality of	Bonds	4.1	3.8	05/01/2034	10,319,006	0.37%
Hydro Quebec	Strip - Coupon	0.0	3.8	08/15/2034	2,843,003	0.10%
Ontario, Province of	Strip - Coupon	0.0	3.8	11/03/2034	1,892,040	0.07%
Waterloo, Regional Municipality of	Bonds	3.6	3.6	11/06/2034	1,695,925	0.06%

