

The City of Hamilton Master Trust Period Ending 31 December 2018

Performance Review and Investment Manager Evaluation

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Trailing Period Performance

| | Alloca | tion | Performance (%) | | | | | | |
|---------------------------|----------------------------|-------|-----------------|------------|------------|------------|------------|------------|-------------|
| | Market Value (\$000) | % | 1 Quarter | 1 Year | 2 Years | 3 Years | 4 Years | 5 Years | 10 Years |
| Total Fund | 311,511 | 100.0 | -5.5 (59) | -4.2 (83) | 2.4 (75) | 4.7 (38) | 4.1 (88) | 5.7 (63) | 7.5 (76) |
| Benchmark | | | -5.1 (52) | -2.6 (55) | 2.8 (51) | 4.7 (38) | 4.6 (64) | 6.4 (33) | 7.6 (75) |
| Value Added | | | -0.4 | -1.6 | -0.4 | 0.0 | -0.5 | -0.7 | -0.1 |
| Canadian Equity | 88,277 | 28.3 | -12.4 (82) | -10.0 (74) | 0.5 (32) | 7.9 (10) | 4.4 (13) | 5.9 (23) | 10.4 (23) |
| Guardian (including cash) | 37,807 | 12.1 | -8.3 (21) | -6.3 (13) | 1.5 (15) | 6.8 (27) | 4.0 (22) | 5.7 (24) | 8.7 (62) |
| S&P/TSX Composite | | | -10.1 (49) | -8.9 (56) | -0.3 (56) | 6.4 (37) | 2.5 (69) | 4.1 (65) | 7.9 (86) |
| Value Added | | | 1.8 | 2.6 | 1.8 | 0.4 | 1.5 | 1.6 | 0.8 |
| Letko (including cash) | 50,470 | 16.2 | -15.2 (94) | -12.7 (92) | -0.4 (57) | 8.3 (7) | 4.6 (11) | 5.9 (22) | 11.1 (11) |
| S&P/TSX Composite | | | -10.1 (49) | -8.9 (56) | -0.3 (56) | 6.4 (37) | 2.5 (69) | 4.1 (65) | 7.9 (86) |
| Value Added | | | -5.1 | -3.8 | -0.1 | 1.9 | 2.1 | 1.8 | 3.2 |
| Global Equities | 75,885 | 24.4 | -6.9 (34) | -4.0 (71) | 5.5 (64) | 5.2 (67) | 6.5 (91) | 7.2 (92) | 8.1 (99) |
| Aberdeen | 13,988 | 4.5 | -4.9 (16) | -2.8 (63) | 6.7 (53) | 6.2 (40) | 6.0 (94) | 6.9 (93) | - |
| MSCI World (Net) | | | -8.6 (58) | -0.6 (43) | 6.6 (54) | 5.7 (58) | 8.8 (54) | 9.9 (55) | 10.8 (70) |
| Value Added | | | 3.7 | -2.2 | 0.1 | 0.5 | -2.8 | -3.0 | - |
| Brandes | 17,500 | 5.6 | -6.7 (30) | -1.4 (51) | 3.8 (84) | 4.1 (84) | 7.0 (84) | 8.6 (77) | 9.5 (92) |
| MSCI World (Net) | | | -8.6 (58) | -0.6 (43) | 6.6 (54) | 5.7 (58) | 8.8 (54) | 9.9 (55) | 10.8 (70) |
| Value Added | | | 1.9 | -0.8 | -2.8 | -1.6 | -1.8 | -1.3 | -1.3 |
| GMO | 44,396 | 14.3 | -7.6 (44) | -5.3 (80) | 5.8 (61) | 5.2 (66) | 7.1 (82) | 7.3 (91) | - |
| MSCI World (Net) | | | -8.6 (58) | -0.6 (43) | 6.6 (54) | 5.7 (58) | 8.8 (54) | 9.9 (55) | 10.8 (70) |
| Value Added | | | 1.0 | -4.7 | -0.8 | -0.5 | -1.7 | -2.6 | - |



^{*}GMO returns are reported net-of-fees. Parentheses contain percentile rankings.

Trailing Period Performance

| | Allocat | ion | Performance (%) | | | | | | |
|------------------------------------|----------------------------|------|-----------------|-----------|------------|------------|------------|------------|-------------|
| | Market Value (\$000) | % | 1 Quarter | 1 Year | 2 Years | 3 Years | 4 Years | 5 Years | 10 Years |
| Canadan Fixed Income | 145,575 | 46.7 | 0.2 | -0.3 | 1.7 | 2.2 | 2.4 | 4.7 | 4.5 |
| TDAM Long Bonds | 75,357 | 24.2 | 1.6 | -0.2 | 3.3 | 3.2 | 3.2 | 5.8 | - |
| FTSE Canada Long Term Overall Bond | | | 1.9 | 0.3 | 3.6 | 3.2 | 3.4 | 6.1 | 6.4 |
| Value Added | | | -0.3 | -0.5 | -0.3 | 0.0 | -0.2 | -0.3 | - |
| TDAM Real Return Bonds | 70,165 | 22.5 | -1.4 | -0.3 | 0.1 | 1.1 | 1.5 | 3.7 | - |
| FTSE Canada Real Return Bond | | | -1.1 | 0.0 | 0.3 | 1.2 | 1.6 | 3.8 | 5.0 |
| Value Added | | | -0.3 | -0.3 | -0.2 | -0.1 | -0.1 | -0.1 | - |
| TDAM Cash | 53 | 0.0 | 0.2 | - | - | - | - | - | - |
| | | | | | | | | | |
| Operating Account | 1,775 | 0.6 | | | | | | | |



^{*}GMO returns are reported net-of-fees. Parentheses contain percentile rankings.

Trailing Period Performance

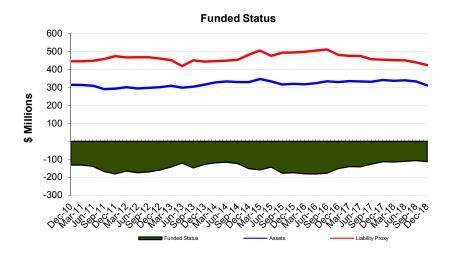
As of 31 December 2018

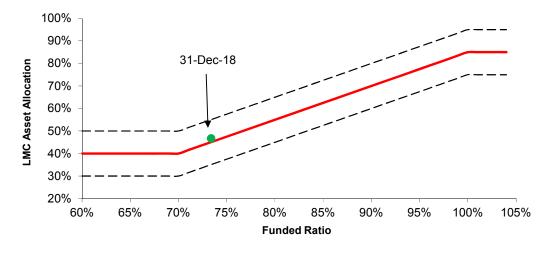
| | 2018 | 2017 | 2016 | 2015 | 2014 | 2013 | 2012 | 2011 | 2010 | 2009 | 2008 |
|------------------------------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| Total Fund | -4.2 (83) | 9.5 (35) | 9.3 (22) | 2.6 (93) | 12.0 (28) | 13.0 (91) | 10.5 (24) | 0.5 (38) | 9.6 (71) | 14.3 (83) | -17.3 (64) |
| Benchmark | -2.6 (55) | 8.6 (57) | 8.4 (33) | 4.3 (81) | 13.9 (1) | 9.7 (97) | 8.4 (71) | 0.4 (42) | 10.3 (54) | 16.7 (53) | -16.4 (52) |
| Value Added | -1.6 | 0.9 | 0.9 | -1.7 | -1.9 | 3.3 | 2.1 | 0.1 | -0.7 | -2.4 | -0.9 |
| Canadian Equities | -10.0 (74) | 12.3 (8) | 24.1 (17) | -5.3 (49) | 11.9 (39) | 25.3 (16) | 17.1 (2) | -9.1 (51) | 14.8 (79) | 32.0 (61) | -29.8 (31) |
| Guardian (including cash) | -6.3 (13) | 9.9 (31) | 18.3 (59) | -4.0 (42) | 13.0 (23) | 13.8 (92) | 13.7 (15) | -8.3 (46) | 15.3 (73) | 27.5 (88) | -30.0 (36) |
| S&P/TSX Composite | -8.9 (56) | 9.1 (54) | 21.1 (36) | -8.3 (82) | 10.6 (57) | 13.0 (95) | 7.2 (81) | -8.7 (49) | 17.6 (43) | 35.1 (47) | -33.0 (61) |
| Value Added | 2.6 | 8.0 | -2.8 | 4.3 | 2.4 | 0.8 | 6.5 | 0.4 | -2.3 | -7.6 | 3.0 |
| Letko (including cash) | -12.7 (92) | 13.8 (2) | 28.1 (6) | -5.9 (55) | 11.5 (45) | 31.5 (3) | 18.4 (1) | -9.1 (51) | 14.3 (86) | 32.8 (57) | -26.5 (18) |
| S&P/TSX Composite | -8.9 (56) | 9.1 (54) | 21.1 (36) | -8.3 (82) | 10.6 (57) | 13.0 (95) | 7.2 (81) | -8.7 (49) | 17.6 (43) | 35.1 (47) | -33.0 (61) |
| Value Added | -3.8 | 4.7 | 7.0 | 2.4 | 0.9 | 18.5 | 11.2 | -0.4 | -3.3 | -2.3 | 6.5 |
| Global Equities | -4.0 (71) | 15.8 (52) | 4.7 (35) | 10.4 (92) | 10.2 (82) | 26.3 (92) | 12.8 (69) | -0.1 (31) | 6.6 (65) | 1.5 (94) | -29.4 (72) |
| Aberdeen | -2.8 (63) | 17.1 (43) | 5.4 (31) | 5.3 (97) | 10.5 (81) | 21.3 (98) | 14.0 (57) | 2.0 (19) | - | - | - |
| MSCI World (Net) | -0.6 (43) | 14.4 (64) | 3.8 (44) | 18.9 (54) | 14.4 (45) | 35.1 (54) | 13.3 (64) | -3.2 (51) | 5.9 (74) | 10.6 (70) | -26.0 (51) |
| Value Added | -2.2 | 2.7 | 1.6 | -13.6 | -3.9 | -13.8 | 0.7 | 5.2 | - | - | - |
| Brandes | -1.4 (51) | 9.3 (92) | 4.6 (35) | 16.3 (73) | 15.1 (37) | 41.0 (20) | 10.9 (81) | -2.9 (48) | 6.2 (70) | 1.5 (94) | -29.4 (72) |
| MSCI World (Net) | -0.6 (43) | 14.4 (64) | 3.8 (44) | 18.9 (54) | 14.4 (45) | 35.1 (54) | 13.3 (64) | -3.2 (51) | 5.9 (74) | 10.6 (70) | -26.0 (51) |
| Value Added | -0.8 | -5.1 | 0.8 | -2.6 | 0.7 | 5.9 | -2.4 | 0.3 | 0.3 | -9.1 | -3.4 |
| GMO | -5.3 (80) | 18.1 (37) | 4.2 (40) | 12.9 (88) | 8.1 (91) | 29.1 (84) | 12.5 (71) | 0.9 (25) | - | - | - |
| MSCI World (Net) | -0.6 (43) | 14.4 (64) | 3.8 (44) | 18.9 (54) | 14.4 (45) | 35.1 (54) | 13.3 (64) | -3.2 (51) | 5.9 (74) | 10.6 (70) | -26.0 (51) |
| Value Added | -4.7 | 3.7 | 0.4 | -6.0 | -6.3 | -6.0 | -0.8 | 4.1 | - | - | - |
| Canadan Fixed Income | -0.3 | 3.8 | 3.0 | 3.1 | 14.8 | -7.4 | 5.5 | 9.5 | 7.1 | 7.7 | 4.7 |
| TDAM Long Bonds | -0.2 (91) | 7.0 (62) | 2.8 (45) | 3.4 (80) | 16.8 (69) | -5.7 (55) | - | - | - | - | - |
| FTSE Canada Long Term Overall Bond | 0.3 (42) | 7.0 (61) | 2.5 (80) | 3.8 (48) | 17.5 (27) | -6.2 (86) | 5.2 (78) | 18.1 (26) | 12.5 (51) | 5.5 (83) | 2.7 (32) |
| Value Added | -0.5 | 0.0 | 0.3 | -0.4 | -0.7 | 0.5 | - | - | - | - | - |
| TDAM Real Return Bonds | -0.3 | 0.6 | 3.1 | 2.6 | 13.0 | -11.5 | - | - | - | - | - |
| FTSE Canada Real Return Bond | 0.0 | 0.7 | 2.9 | 2.8 | 13.2 | -13.1 | 2.9 | 18.3 | 11.1 | 14.5 | 0.4 |
| Value Added | -0.3 | -0.1 | 0.2 | -0.2 | -0.2 | 1.6 | - | - | - | - | - |

Parentheses contain percentile rankings.



Quarterly Performance Report for the City of Hamilton Funded Status and Glide Path Information for December 31, 2018





| | 110% - | | |
|--------------|--------|--|------------------------------|
| | 100% - | | 75% to 95% LMC |
| _ | 90% - | | 68% to 95% LMC |
| Ratic | 80% - | | 53% to 80% LMC |
| Funded Ratio | | . ~ ~ | 38% to 65% LMC |
| Œ. | 70% - | | 30% to 50% LMC Funded Ratio |
| | 60% - | | |
| | 50% - | | |
| | 0ec. / | and and a mude mide mide mide mide mide mide | |

| Snapshot (Wind-Up) | 31-Mar-18 | 30-Jun-18 | 30-Sep-18 | 31-Dec-18 |
|--------------------------------------|-----------|-----------|-----------|-----------|
| Market value of assets (\$ Millions) | \$337.4 | \$339.9 | \$333.8 | \$311.5 |
| Liability proxy (\$ Millions) | \$452.2 | \$451.4 | \$440.4 | \$424.5 |
| Funded status (\$ Millions) | (\$114.8) | (\$111.5) | (\$106.6) | (\$113.0) |
| Funded ratio | 74.6% | 75.3% | 75.8% | 73.4% |
| Current LMC Asset Allocation | 42.2% | 42.5% | 43.5% | 46.7% |

Rebalancing

- The rebalancing strategy for this plan requires that assets be rebalanced to the target allocation (indicated by the red line) whenever the LMC Asset Allocation falls outside of the range deemed acceptable for a given funded ratio (indicated by the dashed lines).
- Because the LMC Asset Allocation as of December 31, 2018 is within the range determined acceptable for the current funded ratio (73.4%), the asset mix does not require rebalancing.



Capital Markets Performance



Capital Market Performance

Major Capital Markets' Returns

As of 31 December 2018

| | 1 Quarter | Year To Date | 1 Year | 2 Years | 3 Years | 4 Years | 5 Years | 10 Years |
|---|-----------|--------------|--------|---------|---------|---------|---------|----------|
| Equity | | | | | | | | |
| S&P/TSX Composite | -10.1 | -8.9 | -8.9 | -0.3 | 6.4 | 2.5 | 4.1 | 7.9 |
| S&P 500 | -8.7 | 4.1 | 4.1 | 8.9 | 8.6 | 11.7 | 14.1 | 14.3 |
| S&P 500 (USD) | -13.5 | -4.4 | -4.4 | 7.9 | 9.3 | 7.2 | 8.5 | 13.1 |
| MSCI EAFE (Net) | -7.7 | -6.1 | -6.1 | 4.7 | 2.3 | 6.2 | 5.7 | 7.4 |
| MSCI World (Net) | -8.6 | -0.6 | -0.6 | 6.6 | 5.7 | 8.8 | 9.9 | 10.8 |
| MSCI ACWI (Net) | -7.8 | -1.3 | -1.3 | 6.9 | 6.0 | 8.7 | 9.6 | 10.6 |
| MSCI Emerging Markets (Net) | -2.2 | -6.9 | -6.9 | 9.3 | 8.6 | 6.9 | 6.9 | 9.1 |
| Real Estate | | | | | | | | |
| MSCI/REALPAC Canada Property (IPD) | 2.6 | 7.9 | 7.9 | 7.6 | 7.1 | 7.3 | 7.2 | 8.5 |
| MSCI/REALPAC Canada Property Fund (PFI) | 1.5 | 8.3 | 8.3 | 8.1 | 7.5 | 7.1 | 6.9 | 8.0 |
| Fixed Income | | | | | | | | |
| FTSE Canada Universe Bond | 1.8 | 1.4 | 1.4 | 2.0 | 1.9 | 2.3 | 3.5 | 4.2 |
| FTSE Canada Long Term Overall Bond | 1.9 | 0.3 | 0.3 | 3.6 | 3.2 | 3.4 | 6.1 | 6.4 |
| FTSE Canada 91 Day TBill | 0.5 | 1.4 | 1.4 | 1.0 | 8.0 | 0.8 | 8.0 | 0.8 |
| Consumer Price Index | | | | | | | | |
| Canadian CPI, unadjusted | -0.2 | 2.0 | 2.0 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 |

Canadian Equities

The S&P/TSX Composite Index returned -10.1% in the fourth quarter of 2018. Performance was negative across most sectors. Consumer Staples (+5.7%) was the best performing sector, followed by Communication Services (+2.0%) and Materials (+0.9%). Negative performing sectors included Health Care (-35.3%), Energy (-17.3%) and Industrials (-13.4%). Growth stocks slightly outperformed value stocks over the past quarter (-10.1% vs. -10.5% respectively) as well as over the year (-8.3% vs. -9.7% respectively). The S&P/TSX Composite Index returned -8.9% in 2018. The best performing sectors were Information Technology (+13.0%), Consumer Staples (+2.0%) and Real Estate (+2.0%) while Energy (-18.3%) was the worst performer.

U.S. Equities

The S&P 500 Index returned -8.7% in the quarter in Canadian dollar terms. Performance was negative across most sectors. Utilities (+7.1%) was the best performing sector while Energy (-19.5%) was the worst performing sector. The S&P 500 Index returned +4.1% in 2018 in Canadian dollar terms. The best performing sectors were Health Care (+16.1%) and Utilities (+13.5%) while Energy (-10.7%) was the worst performer.

Non-North American Equities

The MSCI EAFE Index returned -7.7% in the quarter in Canadian dollar terms. Sector returns were mostly negative with the best performer being Utilities (+5.6%) and the worst being Energy (-12.9%). For 2018, the Index returned -6.1% in Canadian dollar terms. The best performing sector was Utilities (+10.2%) while the worst was Financials (-12.9%).

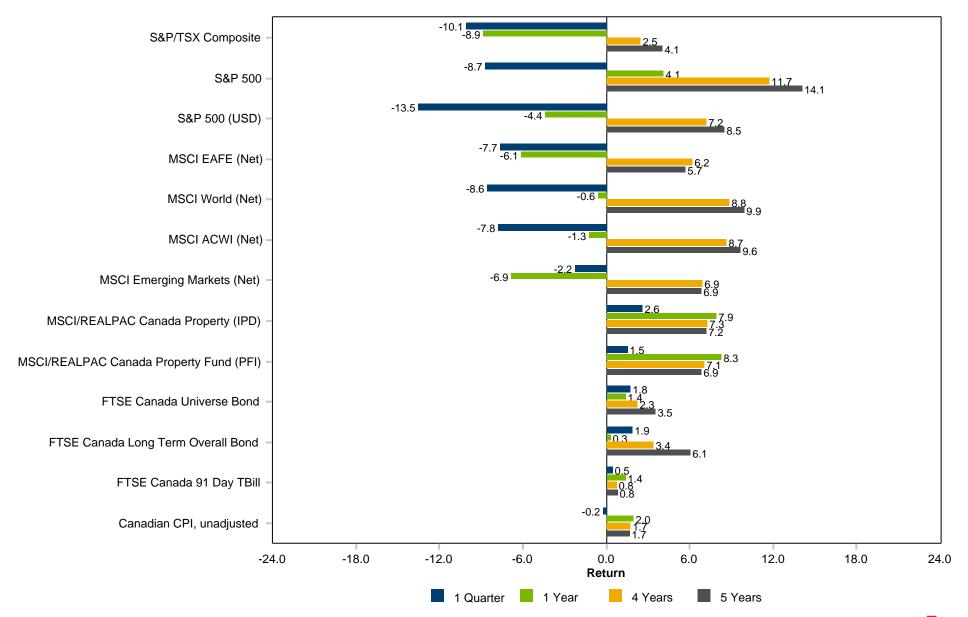
Fixed Income

The Canadian bond market, as measured by the FTSE Canada Universe Bond Index, returned +1.8% over the quarter. Bond market performance was led by Federal bonds (+2.5%) which outperformed both Provincial bonds (+1.7%) and Corporate bonds (+0.9%). From a term perspective, medium duration bonds (+2.4%) outperformed both long duration bonds (+1.4%) in the quarter.

Returns for periods greater than one year are annualized. Sector returns are sourced from MSCI. Note: MSCI recently announced a reorganization of the Global Industry Classification Sectors or GICS sectors. The Telecommunications sector was renamed "Communication Services".



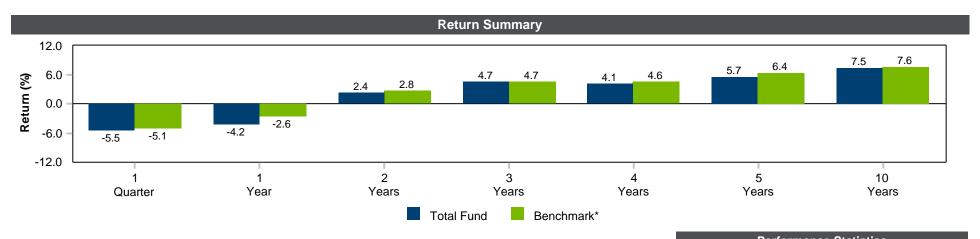
Comparative Performance

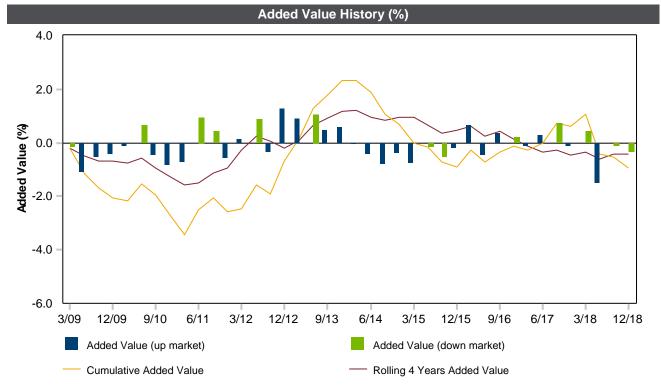


Total Fund Analysis



Total Fund Performance Summary





| Performance Statistics | | | | | | | | | |
|--|------------------|------------|--|--|--|--|--|--|--|
| | Quarters | % | | | | | | | |
| Market Capture | | | | | | | | | |
| Up Markets | 27 | 94.9 | | | | | | | |
| Down Markets | 13 | 84.6 | | | | | | | |
| Batting Average | | | | | | | | | |
| Up Markets | 27 | 29.6 | | | | | | | |
| Down Markets | 13 | 61.5 | | | | | | | |
| Overall | 40 | 40.0 | | | | | | | |
| Quarter | | | | | | | | | |
| Detractors to 0 | Quarterly Perfor | mance: | | | | | | | |
| | | | | | | | | | |
| Weak relative equities | performance of | Canadian | | | | | | | |
| Overweight to | Canadian equiti | 0 0 | | | | | | | |

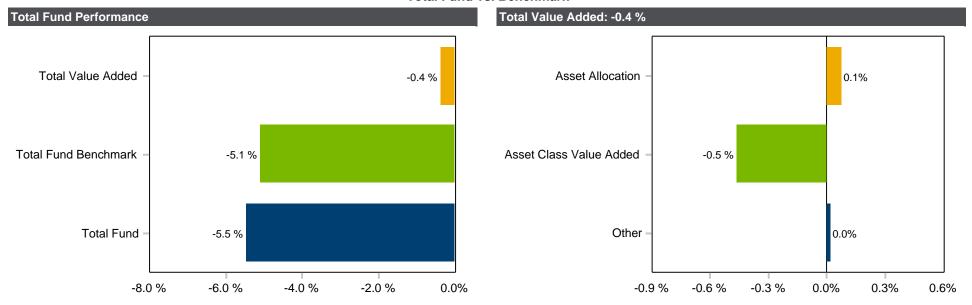
[•] Overweight to Canadian equities

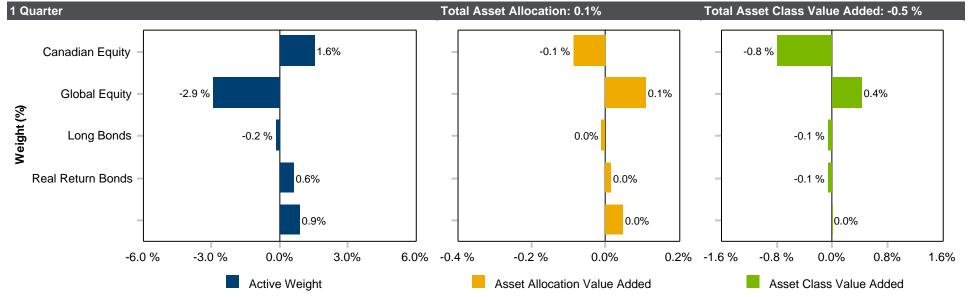


^{*} See Appendix A for benchmark components.

Total Fund Performance Attribution

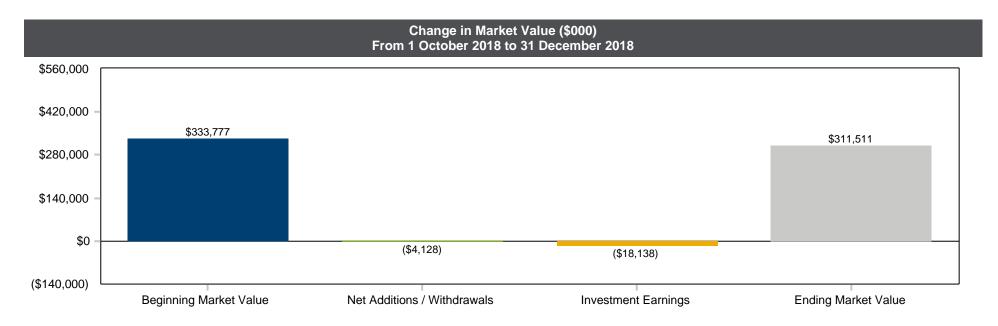
1 Quarter Ending 31 December 2018 Total Fund vs. Benchmark







Total Fund Asset Summary



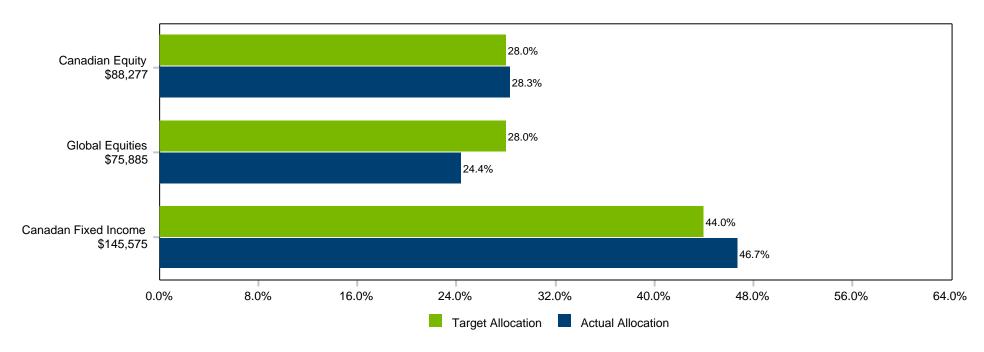
| Summary | v of Cas | h Flows | (\$000) |
|-----------|----------|----------|---------|
| Sullillar | y UI Gas | II FIOWS | (φυυυ) |

| | 1 Quarter | Year To Date | 1 Year | 4 Years |
|----------------------------|--------------|--------------------|-----------|------------|
| Total Fund | | | | |
| Beginning Market Value | 333,777 | 341,919 | 341,919 | 330,530 |
| +/- Net Cash Flows | -4,128 | -16,864 | -16,864 | -73,455 |
| +/- Income | 15,432 | 18,856 | 18,856 | 65,310 |
| +/- Capital Gains / Losses | -33,570 | -32,399 | -32,399 | -10,874 |
| = Ending Market Value | 311,511 | 311,511 | 311,511 | 311,511 |



Asset Allocation Compliance

As of 31 December 2018 (\$000)



| | Market Value (\$000) | Market Value (%) | Target Allocation (%) | Differences (%) | Minimum Allocation (%) | Maximum Allocation (%) | Within Range |
|----------------------|----------------------------|------------------------|-----------------------------|--------------------|------------------------------|------------------------------|-----------------|
| Total Fund | 311,511 | 100.0 | 100.0 | 0.0 | | | |
| Canadian Equity | 88,277 | 28.3 | 28.0 | 0.3 | 23.0 | 33.0 | Yes |
| Global Equities | 75,885 | 24.4 | 28.0 | -3.6 | 23.0 | 33.0 | Yes |
| Canadan Fixed Income | 145,575 | 46.7 | 44.0 | 2.7 | 34.0 | 54.0 | Yes |



Appendix A - Plan Information



Plan Information

Summary of Investment Objective

The investment policy contains specific performance objectives for the fund and the investment managers.

All investment rates of return are measured over moving four-year periods. Return objectives are net of fees and include realized and unrealized capital gains or losses plus income from all sources.

Returns will be calculated on a time-weighted basis and compared to the objectives described below.

The *objective* of the total fund is to outperform a benchmark portfolio that is comprised of the following weightings:

| | 1 October 2018 to 31 December 2018 (current period) | 1 April 2018 to 30 September 2018 | 1 January 2018 to 31 March 2018 | 1 October 2017 to 31 December 2017 | 1 July 2014 to 30 September 2017 | | 1 July 2011 to 31 March 2012 | 1 January 2008 to 30 June 2011 | 1 July 2006 to 31 December 2007 | Up to 30 June 2006 |
|------------------------------|---|--|--|---|---|---------|---------------------------------------|--------------------------------------|--|--------------------------|
| S&P/TSX Composite | 28.00% | 27.00% | 27.00% | 27.00% | 28.00% | 30.00% | 30.00% | 30.00% | 30.00% | 25.00% |
| MSCI World (C\$) | 28.00% | 26.00% | 27.00% | 26.00% | 28.00% | 30.00% | 30.00% | 0.00% | 0.00% | 0.00% |
| MSCI World ex. Cda (C\$) | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 15.00% | 15.00% | 17.50% |
| S&P 500 - hedged to C\$ | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 5.00% | 7.50% | 8.75% |
| MSCI EAFE - hedged to C\$ | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 5.00% | 7.50% | 8.75% |
| FTSE Canada Universe Bond | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 0.00% | 40.00% | 45.00% | 40.00% | 40.00% |
| FTSE Canada Long Bond | 23.00% | 22.00% | 23.00% | 22.00% | 22.00% | 25.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| FTSE Canada Real Return Bond | 21.00% | 25.00% | 23.00% | 25.00% | 22.00% | 15.00% | 0.00% | 0.00% | 0.00% | 0.00% |
| | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |



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Appendix B - Manager Updates



Manager Updates

Manager Updates

As of 31 December 2018

Aberdeen Standard Investments Q4 2018

Business

There were no significant events during the quarter.

Staff

Xin-Yao Ng joined the Global Emerging Markets Equity team during the quarter as an Investment Manager, located in Singapore. He is part of the equities team in Singapore overseeing equity investments in APAC. Stella Li joined the Global Emerging Markets Equity team during the quarter as an Investment Manager. Stella is part of the Asian Equities team overseeing equity investments in HK/China. Muzhafar Muktar joined the Global Emerging Markets Equity team during the quarter as an Investment Manager. Muzhafar joined the company in 2018 from AmFunds Management where he was head of equity research. Fadzrul Salman, Investment Manager for the Global Emerging Markets Equity fund, left the company in December. Felicia Budiman, Investment Analyst for the Global Emerging Markets Equity fund, left the company in December. Christopher Wong, Investment Director for the Global Emerging Markets Equity fund, left the company in November. In November, it was communicated that Guy Stern, Head of the Multi-Asset Investing team and lead investment professional responsible for managing the Global Absolute Return Strategies (GARS) fund, will retire in 2019.

Brandes Investment Partners

Q4 2018

Business

There were no significant events.

Staff

Effective 31 December 2018, Ralph Birchmeier, head of financial institutions research team, has retired from the firm. Mr. Birchmeier was also a member of the Small Cap Investment Committee ("SCIC") and served as the SCIC representative on the All-Cap Investment Committee, which manages the Global Opportunities Value strategy at Brandes. Bryan Barrett, analyst on the financial institutions team, will join the SCIC as a non-voting member to replace Birchmeier. Michael Hutchens, limited partner at Brandes, will replace Birchmeier as the lead of financial institutions team. Mr. Hutchens has worked alongside Birchmeier on the financial institutions team for 17 years. Yingbin Chen, limited partner and another member of SCIC will become the SCIC representative on the All-Cap Investment Committee.



Manager Updates

Manager Updates

As of 31 December 2018

GMO

Q4 2018

Business

There were no significant events.

Staff

There were no significant events.

Guardian Capital

Q4 2018

Business

As a result of Mike Weir's retirement, the Guardian Canadian Small/Mid Cap Equity strategy has been closed.

Staff

Mike Weir, Managing Director of Canadian Equity, retired effective 31 December 2018.

Letko, Brosseau & Associates Inc. ("Letko, Brosseau")

Q4 2018

Business

There were no significant events.

Staff

During the fourth quarter, Olivier Brosseau joined the Investment management team.



Manager Updates

Manager Updates

As of 31 December 2018

TD Asset Management ("TDAM") Q4 2018

Business

In November, TDAM finalized the acquisition of Greystone Capital Management Inc.

During the fourth quarter, the TD *Emerald* Systematic Alpha Hedged US Equity PFT and seven TDAM USA Money Market Funds were terminated.

Staff

There were no significant events.



Appendix C - Disclosure



Disclosure

Statement of Disclosure

As of 31 December 2018

Aon Hewitt Inc. reconciles the rates of return with each investment manager quarterly. Aon Hewitt Inc. calculates returns from the custodian/trustee statements while the managers use different data sources. Occasionally discrepancies occur because of differences in computational procedures, security prices, "trade date" versus "settlement date" accounting, etc. We monitor these discrepancies closely and find that they generally do not tend to persist over time. However, if a material discrepancy arises or persists, we will bring the matter to your attention after discussion with your money manager.

This report may contain slight discrepancies due to rounding in some of the calculations. All data presented is in Canadian dollars unless otherwise stated.

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