

Global Banking and Markets

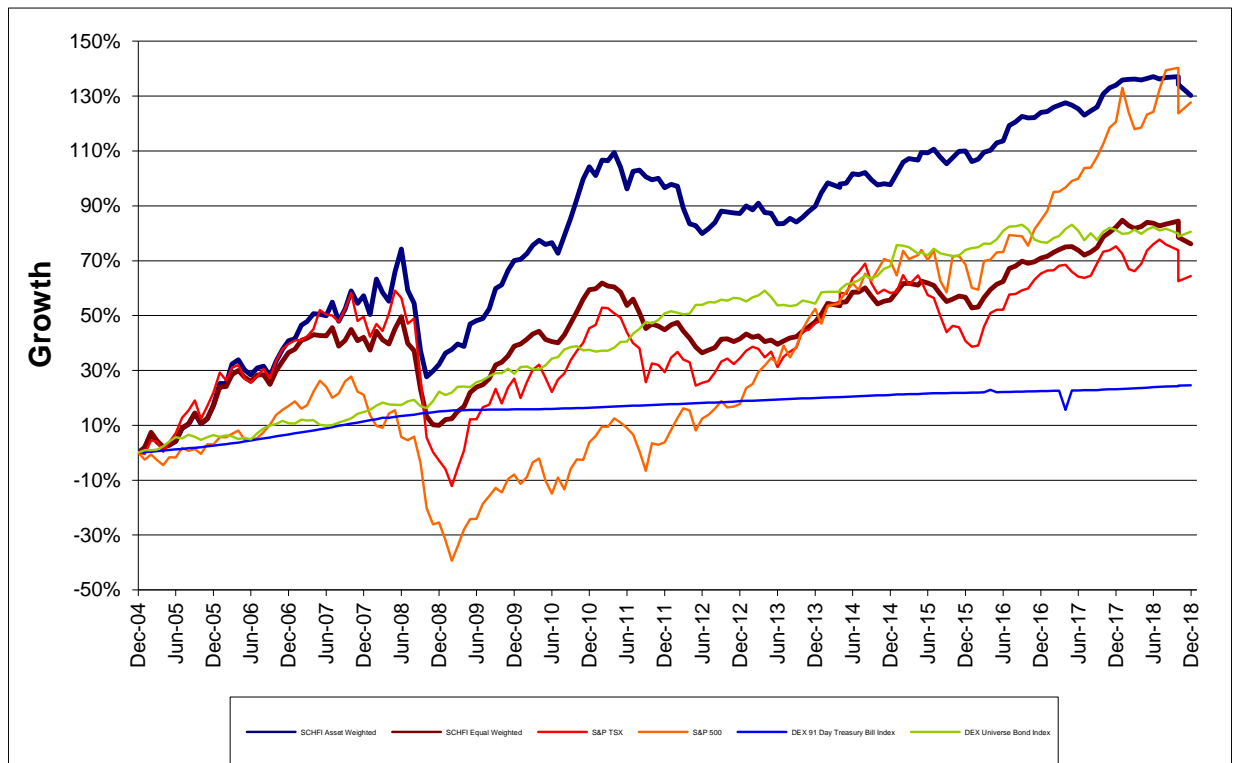
Canadian Hedge Fund Index

December 2018

The Scotiabank Canadian Hedge Fund Index ended December 2018 up 0.42% MOM on an asset weighted basis and down -1.74% MOM on an equal weighted basis.

The aim of the Scotiabank Canadian Hedge Fund Index is to provide a comprehensive overview of the Canadian Hedge Fund universe. To achieve this, index returns are calculated using both an equal weighting and an asset-based weighting of the funds. The index includes both open and closed funds with a minimum AUM of C\$15 million and at least a 12 month track record of returns, managed by Canadian-domiciled hedge fund managers.

Historical Monthly Performance



When *insight matters.*™



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Index Summary

*Month End Dec-18	Value	Return MoM	Return YTD	Ann. RoR**	Ann. Vol***
Scotiabank Canadian Hedge Fund Index Asset Weighted	2,311.71	0.42%	-1.19%	6.34%	8.71%
Scotiabank Canadian Hedge Fund Index Equal Weighted	1,731.19	-1.74%	-5.01%	4.45%	7.64%
S&P TSX Composite	14,322.86	-5.76%	-11.64%	4.02%	12.59%
S&P 500 (quoted in USD)	2,506.85	-9.18%	-6.24%	5.90%	13.82%
S&P 500 (CAD-adjusted)	3,418.59	-6.82%	1.71%	6.50%	11.18%
DEX 91 Day Treasury Bill Index †	410.79	0.17%	1.38%	1.53%	2.29%
DEX Universe Bond Index ‡	1,047.14	1.35%	0.99%	4.34%	3.49%

*All returns quoted in CAD except where indicated

**Compound annual returns since index inception (December 31, 2004)

*** Of monthly returns

† Formerly: Scotia Capital 91Day Treasury Bill Index

‡ Formerly: Scotia Capital Universe Bond Index

Historical Monthly Returns

Scotiabank Canadian Hedge Fund Index Asset Weighted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2005	1.74%	5.01%	-2.68%	-1.85%	0.76%	1.30%	4.50%	1.39%	3.58%	-3.32%	1.58%	4.52%	17.35%
2006	6.73%	0.02%	5.65%	1.18%	-2.76%	-1.46%	2.01%	0.54%	-2.86%	4.31%	3.25%	2.31%	20.05%
2007	0.49%	3.48%	0.89%	1.95%	-0.15%	-0.37%	3.34%	-4.51%	3.03%	4.31%	-2.86%	1.83%	11.61%
2008	-4.34%	8.56%	-2.95%	-2.05%	6.86%	5.03%	-8.61%	-2.99%	-11.17%	-6.92%	1.65%	1.81%	-15.94%
2009	3.09%	1.04%	1.39%	-0.61%	5.91%	0.82%	0.50%	2.42%	4.84%	0.85%	3.24%	2.12%	28.62%
2010	0.32%	1.18%	1.78%	1.02%	-0.86%	0.42%	-2.20%	3.71%	3.58%	3.69%	3.85%	2.23%	20.16%
2011	-1.61%	2.83%	-0.09%	1.42%	-2.59%	-3.86%	3.29%	0.21%	-1.22%	-0.55%	0.27%	-1.72%	-3.77%
2012	0.65%	-0.35%	-4.06%	-2.99%	-0.41%	-1.53%	0.96%	1.21%	2.27%	-0.19%	-0.16%	-0.08%	-4.73%
2013	1.47%	-0.76%	1.26%	-1.80%	-0.08%	-2.07%	0.02%	1.07%	-0.76%	0.90%	1.20%	1.01%	1.40%
2014	2.54%	1.91%	-0.87%	0.63%	0.15%	1.73%	-0.13%	0.37%	-1.32%	-0.91%	0.19%	-0.14%	4.14%
2015	2.06%	2.04%	0.62%	-0.26%	1.36%	-0.09%	0.63%	-1.34%	-1.19%	1.09%	1.10%	0.08%	6.21%
2016	-1.84%	0.40%	1.24%	0.32%	1.35%	0.28%	2.63%	0.62%	0.92%	-0.29%	0.06%	0.85%	6.68%
2017	0.17%	0.65%	0.35%	0.42%	-0.39%	-0.62%	-1.00%	0.70%	0.63%	2.08%	0.99%	0.40%	4.43%
2018	0.84%	0.10%	0.03%	-0.14%	0.22%	0.31%	-0.38%	0.20%	0.14%	-1.20%	-1.72%	0.42%	-1.19%

Scotiabank Canadian Hedge Fund Index Equal Weighted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2005	2.05%	5.32%	-2.83%	-2.18%	0.56%	1.63%	4.48%	1.36%	3.58%	-3.42%	1.68%	4.11%	17.10%
2006	5.86%	0.19%	3.44%	1.20%	-1.89%	-1.19%	1.86%	0.07%	-2.77%	3.95%	2.66%	2.45%	16.62%
2007	0.88%	2.30%	0.57%	0.91%	-0.18%	-0.11%	2.06%	-4.57%	1.47%	2.84%	-2.84%	0.92%	4.07%
2008	-3.27%	4.96%	-2.12%	-1.12%	3.98%	3.03%	-6.55%	-1.89%	-10.22%	-7.98%	-2.73%	-0.25%	-22.64%
2009	1.94%	0.28%	2.39%	1.59%	4.33%	1.64%	0.68%	1.77%	3.90%	0.77%	1.79%	2.59%	26.31%
2010	0.56%	1.24%	1.33%	0.68%	-2.02%	-0.60%	-0.33%	2.09%	2.99%	2.80%	3.05%	2.20%	14.78%
2011	0.24%	1.29%	-0.70%	-0.20%	-1.15%	-3.08%	1.57%	-3.22%	-3.81%	1.14%	-0.50%	-0.97%	-9.17%
2012	1.24%	0.59%	-2.06%	-1.86%	-2.21%	-1.56%	0.77%	0.58%	2.26%	0.12%	-0.71%	0.66%	-2.28%
2013	1.25%	-0.85%	0.39%	-1.47%	0.39%	-1.05%	0.85%	0.79%	0.27%	1.41%	1.15%	1.22%	4.38%
2014	1.89%	2.67%	-0.62%	0.84%	0.11%	2.32%	-0.06%	0.97%	-1.89%	-1.77%	0.64%	0.32%	5.44%
2015	1.89%	1.85%	0.07%	-0.40%	0.88%	-0.41%	-0.53%	-1.89%	-1.77%	0.58%	0.65%	-0.24%	0.62%
2016	-2.51%	0.27%	2.25%	1.77%	1.30%	0.57%	2.98%	0.53%	1.02%	-0.47%	0.35%	0.80%	9.12%
2017	0.39%	0.81%	0.58%	0.59%	0.03%	-0.75%	-0.98%	0.61%	0.97%	2.19%	0.96%	1.05%	6.60%
2018	1.37%	-1.05%	-0.59%	0.39%	0.88%	-0.17%	-0.54%	0.34%	0.62%	-3.18%	-1.35%	-1.74%	-5.01%

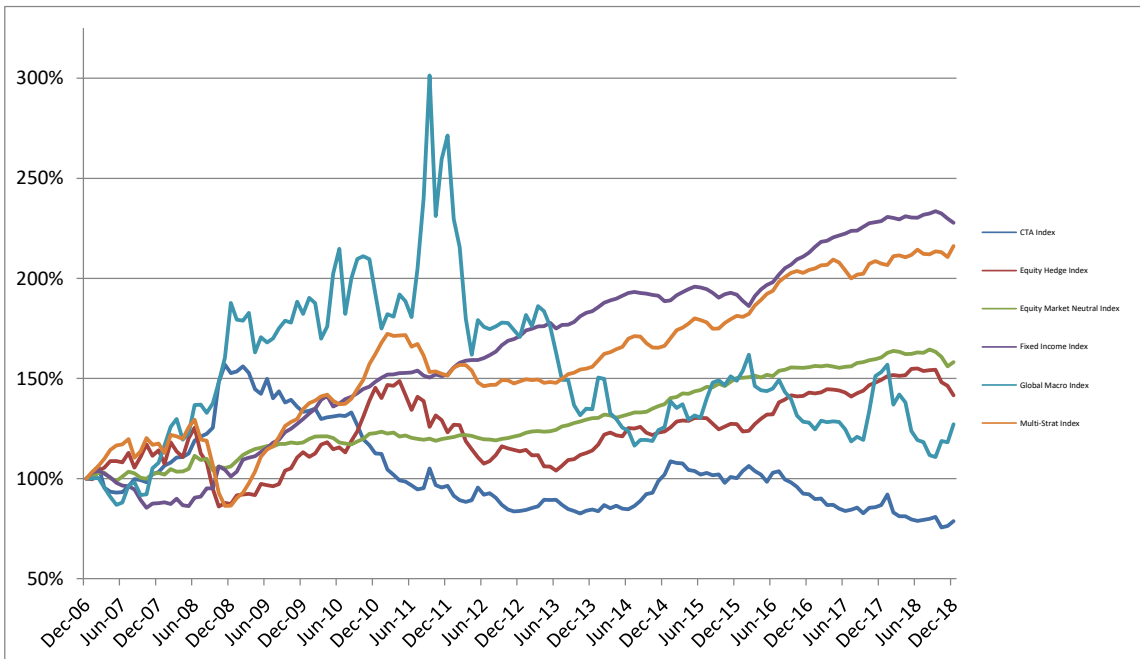
Global Banking and Markets

Canadian Hedge Fund Index

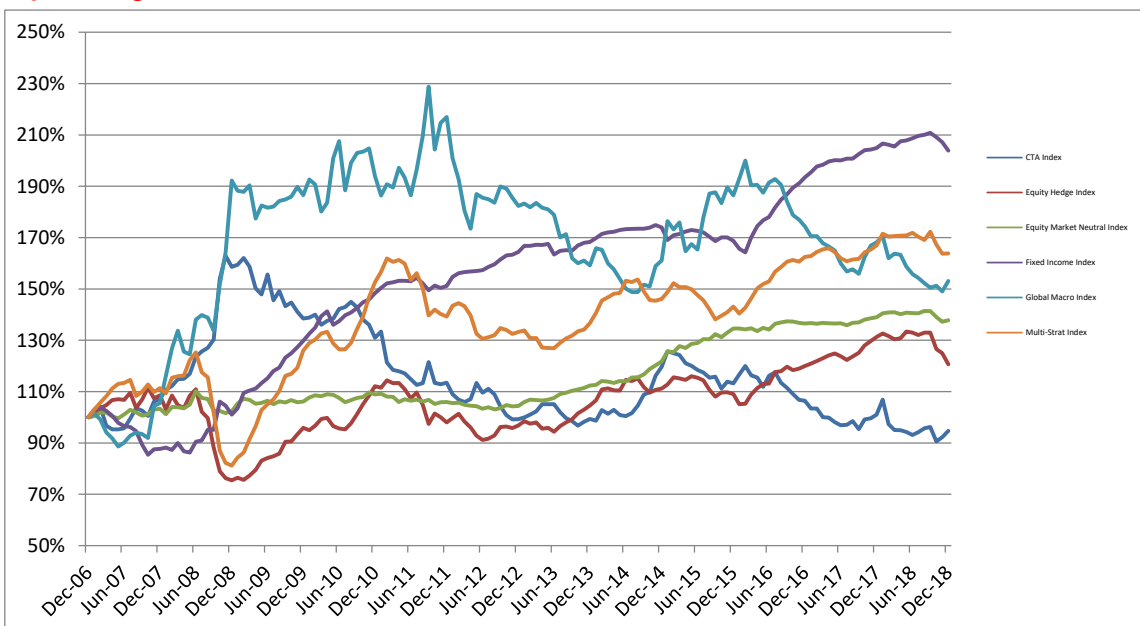
December 2018

Sub-Index Performance

Asset Weighted



Equal Weighted



Global Banking and Markets

Canadian Hedge Fund Index

December 2018

CTA Index EW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	0.98%	3.12%	-7.15%	-1.43%	-0.04%	0.46%	3.89%	4.19%	-0.99%	-1.96%	5.48%	1.05%	7.20%
2008	3.24%	1.33%	2.36%	0.18%	1.64%	5.70%	1.68%	1.15%	2.54%	18.17%	5.79%	-2.64%	47.93%
2009	0.55%	1.64%	-2.10%	-5.30%	-1.60%	5.26%	-6.48%	2.50%	-3.95%	1.02%	-2.53%	-1.83%	-12.66%
2010	0.20%	0.85%	-2.84%	1.13%	0.62%	2.78%	0.51%	1.44%	-1.54%	-3.30%	-1.44%	-3.72%	-5.42%
2011	1.82%	-9.04%	-2.39%	-0.43%	-0.72%	-1.90%	-1.90%	0.53%	7.29%	-6.68%	-0.44%	0.49%	-13.40%
2012	-3.93%	-1.98%	-0.86%	1.09%	5.92%	-3.37%	1.42%	-2.05%	-4.24%	-3.31%	-1.58%	0.08%	-12.48%
2013	0.66%	1.12%	1.25%	2.75%	0.00%	-0.04%	-2.97%	-2.22%	-1.20%	-1.78%	1.55%	1.11%	0.07%
2014	-0.71%	4.18%	-1.35%	1.49%	-2.00%	-0.40%	1.19%	2.80%	4.19%	0.91%	5.73%	3.00%	20.40%
2015	5.08%	-0.55%	-0.59%	-2.58%	-0.82%	-1.38%	-0.80%	-1.73%	0.33%	-4.00%	2.47%	-0.63%	-5.37%
2016	3.07%	2.84%	-3.02%	-0.77%	-3.09%	3.86%	1.16%	-3.52%	-1.76%	-2.15%	-2.09%	-0.26%	-5.94%
2017	-2.87%	-0.02%	-3.25%	-0.19%	-1.80%	-1.20%	0.22%	1.44%	-3.16%	4.02%	0.37%	1.44%	-5.13%
2018	5.79%	-8.93%	-2.31%	-0.08%	-0.78%	-1.17%	1.10%	1.69%	0.48%	-5.87%	1.87%	2.64%	-6.25%

CTA Index AW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	1.58%	4.57%	-10.13%	-2.15%	-0.44%	0.31%	3.10%	3.72%	-0.48%	-1.09%	4.10%	1.00%	3.24%
2008	3.24%	1.33%	2.36%	0.18%	1.64%	5.70%	1.68%	1.15%	2.54%	18.17%	5.79%	-2.64%	47.93%
2009	0.55%	1.64%	-2.10%	-5.30%	-1.60%	5.26%	-6.48%	2.50%	-3.95%	1.02%	-2.53%	-1.83%	-12.66%
2010	0.36%	0.78%	-3.76%	0.58%	0.35%	0.41%	-0.24%	1.34%	-4.78%	-5.50%	-2.52%	-3.50%	-15.59%
2011	-0.20%	-7.00%	-2.51%	-2.71%	-0.61%	-1.92%	-2.07%	0.60%	10.34%	-7.91%	-1.15%	0.85%	-14.36%
2012	-5.20%	-2.34%	-0.99%	0.98%	7.05%	-3.72%	0.76%	-2.47%	-3.89%	-2.64%	-1.11%	0.19%	-13.08%
2013	0.62%	1.14%	1.06%	3.70%	-0.02%	0.08%	-2.82%	-2.42%	-1.18%	-1.42%	1.65%	0.72%	0.91%
2014	-1.01%	3.64%	-1.74%	1.40%	-1.71%	-0.30%	1.95%	2.88%	3.90%	0.62%	6.37%	3.22%	20.60%
2015	6.51%	-0.80%	-0.16%	-3.02%	-0.52%	-1.78%	0.86%	-1.15%	0.47%	-4.15%	3.04%	-0.68%	-1.79%
2016	3.56%	2.52%	-2.44%	-1.72%	-3.52%	4.59%	0.79%	-4.05%	-1.39%	-2.29%	-3.58%	-0.30%	-7.98%
2017	-2.61%	0.31%	-3.66%	0.21%	-2.21%	-1.37%	0.74%	1.22%	-3.28%	3.33%	0.36%	1.21%	-5.84%
2018	6.02%	-9.67%	-2.32%	-0.02%	-1.89%	-1.01%	0.69%	0.66%	1.27%	-6.55%	1.00%	3.10%	-9.27%

Equity Hedge Index EW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	0.67%	2.78%	1.23%	1.85%	0.35%	-0.25%	2.60%	-5.42%	3.22%	4.37%	-3.85%	1.14%	8.56%
2008	-5.07%	5.24%	-3.45%	-1.11%	4.69%	2.29%	-7.93%	-2.35%	-11.53%	-10.48%	-3.42%	-1.05%	-30.50%
2009	1.30%	-1.11%	2.23%	2.88%	4.56%	1.18%	0.79%	1.29%	5.38%	0.07%	3.13%	2.70%	27.10%
2010	-1.00%	1.87%	2.71%	0.42%	-3.23%	-0.93%	-0.36%	2.44%	3.78%	3.70%	3.23%	3.39%	16.93%
2011	-0.52%	2.56%	-0.98%	0.08%	-2.14%	-3.25%	2.17%	-4.38%	-7.15%	4.19%	-1.42%	-2.02%	-12.62%
2012	1.77%	1.62%	-3.00%	-2.27%	-3.34%	-1.81%	0.51%	1.38%	3.59%	0.12%	-0.54%	1.01%	-1.21%
2013	1.80%	-1.05%	0.48%	-2.51%	0.40%	-1.59%	2.32%	1.50%	1.29%	2.26%	1.46%	1.53%	8.05%
2014	1.97%	3.97%	0.32%	-0.62%	-0.14%	3.76%	-0.37%	0.88%	-2.89%	-1.98%	1.00%	0.47%	6.32%
2015	1.44%	2.49%	-0.40%	-0.51%	1.26%	-0.53%	-0.89%	-3.26%	-2.35%	1.51%	0.05%	-0.64%	-1.95%
2016	-3.62%	0.20%	3.43%	2.28%	1.44%	0.14%	3.94%	0.30%	1.47%	-1.09%	0.44%	0.87%	10.03%
2017	0.81%	0.84%	0.86%	0.91%	0.59%	-0.85%	-1.17%	1.12%	1.13%	2.33%	1.32%	1.22%	9.45%
2018	1.03%	-0.77%	-0.98%	0.37%	2.00%	-0.37%	-0.69%	0.74%	-0.04%	-4.80%	-1.26%	-3.45%	-8.09%

Equity Hedge Index AW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	-0.33%	4.15%	1.65%	3.09%	-0.02%	-0.57%	4.38%	-6.50%	5.03%	5.62%	-4.82%	2.46%	14.18%
2008	-5.96%	10.01%	-3.81%	-2.52%	8.46%	4.48%	-10.32%	-3.79%	-12.46%	-9.24%	2.15%	-0.68%	-23.55%
2009	4.99%	0.45%	0.42%	-0.68%	6.09%	-0.64%	-0.56%	1.02%	7.02%	1.12%	5.15%	2.30%	29.65%
2010	-1.99%	1.45%	4.02%	0.94%	-2.88%	0.78%	-2.15%	5.03%	4.10%	5.85%	6.16%	4.64%	28.54%
2011	-3.57%	4.65%	-0.26%	1.66%	-4.74%	-5.24%	4.89%	-1.52%	-9.31%	4.60%	-1.77%	-4.74%	-15.32%
2012	3.07%	-0.18%	-6.35%	-3.39%	-3.51%	-2.86%	1.23%	2.84%	3.85%	-0.91%	-0.64%	-0.69%	-7.78%
2013	0.69%	-2.39%	0.09%	-5.02%	-0.09%	-1.86%	2.28%	2.72%	0.31%	1.94%	0.92%	1.06%	0.39%
2014	2.65%	4.23%	0.88%	-1.17%	-0.37%	3.35%	-0.18%	0.70%	-2.38%	-0.89%	0.98%	0.48%	8.39%
2015	1.56%	2.36%	0.44%	-0.19%	1.20%	0.01%	-0.15%	-2.04%	-2.25%	1.12%	1.05%	-0.10%	2.94%
2016	-2.86%	0.28%	2.65%	2.14%	1.57%	0.11%	4.57%	0.96%	1.55%	-0.36%	0.14%	1.20%	12.42%
2017	-0.29%	0.37%	1.09%	-0.15%	-0.27%	-0.79%	-1.38%	1.19%	0.94%	1.91%	0.84%	0.96%	4.43%
2018	1.24%	0.32%	-0.25%	0.22%	2.09%	0.11%	-0.80%	0.26%	0.18%	-4.07%	-1.19%	-3.26%	-5.19%

Global Banking and Markets

Canadian Hedge Fund Index

December 2018

Equity Market Neutral Index EW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	0.43%	1.36%	0.11%	-1.59%	-0.70%	1.57%	1.76%	-1.02%	-1.28%	0.67%	1.74%	0.32%	3.34%
2008	-2.03%	2.74%	-0.13%	-0.38%	1.35%	5.00%	-2.38%	-0.35%	-4.19%	-0.14%	-0.81%	0.64%	-1.00%
2009	2.96%	1.77%	-0.35%	-1.42%	0.25%	0.85%	-1.26%	1.01%	-0.43%	0.95%	-0.84%	0.22%	3.68%
2010	1.51%	0.80%	-0.31%	0.75%	-0.29%	-1.09%	-1.59%	0.87%	0.74%	0.31%	1.63%	-0.63%	2.70%
2011	0.20%	-1.01%	-0.11%	-1.84%	1.04%	-0.55%	0.35%	-0.71%	0.66%	-1.47%	0.65%	0.06%	-2.74%
2012	-0.38%	0.11%	-0.79%	-0.29%	-0.18%	-1.02%	0.64%	-0.83%	0.49%	1.10%	-0.43%	0.11%	-1.47%
2013	1.49%	0.88%	-0.15%	-0.15%	0.25%	0.63%	1.44%	0.43%	0.70%	0.49%	0.51%	0.83%	7.60%
2014	0.28%	1.34%	-0.22%	-0.43%	0.64%	-0.12%	1.29%	0.12%	0.90%	1.83%	1.22%	1.26%	8.39%
2015	3.19%	-0.19%	1.87%	-0.61%	1.25%	0.31%	1.17%	-0.06%	1.58%	-0.93%	1.38%	1.22%	10.57%
2016	0.01%	-0.25%	0.31%	-0.84%	0.94%	-0.50%	1.67%	0.37%	0.35%	-0.07%	-0.37%	-0.18%	1.44%
2017	0.11%	-0.18%	0.26%	-0.17%	-0.04%	0.07%	-0.56%	0.65%	0.12%	0.84%	0.34%	0.31%	1.76%
2018	1.12%	0.24%	0.07%	-0.55%	0.43%	-0.10%	-0.09%	0.66%	-0.03%	-1.61%	-1.35%	0.41%	-0.84%

Equity Market Neutral Index AW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	1.01%	1.78%	0.13%	-2.61%	-1.45%	2.24%	2.45%	-0.87%	-2.08%	-0.61%	2.59%	0.42%	2.86%
2008	-0.89%	2.74%	-1.21%	0.09%	1.25%	6.25%	-1.90%	0.60%	-5.34%	1.86%	-0.72%	0.83%	3.19%
2009	2.58%	2.71%	1.37%	1.24%	0.57%	0.75%	-0.24%	1.12%	0.03%	0.64%	-0.42%	0.43%	11.26%
2010	1.47%	1.01%	0.05%	0.03%	-0.73%	-1.81%	-0.47%	-0.32%	1.25%	1.06%	2.12%	0.21%	3.86%
2011	0.67%	-0.83%	0.45%	-1.62%	0.40%	-0.91%	-0.47%	-0.33%	0.46%	-0.87%	0.68%	0.43%	-1.96%
2012	0.50%	0.62%	0.13%	-0.31%	-0.86%	-0.60%	-0.04%	-0.37%	0.66%	0.29%	0.60%	0.54%	1.14%
2013	1.07%	0.52%	0.17%	-0.26%	0.18%	0.56%	1.39%	0.51%	0.81%	0.62%	0.71%	0.58%	7.06%
2014	0.11%	1.28%	-0.34%	-0.89%	0.62%	0.68%	0.69%	0.07%	0.18%	1.21%	0.97%	0.67%	5.35%
2015	2.23%	0.39%	1.26%	-0.19%	0.93%	0.45%	1.08%	-0.13%	1.26%	-0.84%	1.48%	1.27%	9.55%
2016	0.10%	0.18%	0.50%	-0.68%	0.92%	-0.39%	1.75%	0.32%	0.74%	-0.05%	-0.04%	0.16%	3.55%
2017	0.42%	-0.12%	0.26%	-0.30%	-0.45%	0.38%	0.12%	1.10%	0.24%	0.64%	0.32%	0.52%	3.15%
2018	1.43%	0.59%	-0.23%	-0.72%	0.03%	0.50%	-0.14%	1.00%	-0.66%	-1.57%	-2.96%	1.35%	-1.46%

Fixed Income Index EW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	2.99%	0.93%	-1.46%	-1.80%	-2.71%	-1.35%	-0.32%	-1.69%	-5.60%	-4.34%	2.44%	0.24%	-12.27%
2008	0.54%	-1.04%	3.08%	-3.59%	-0.54%	4.90%	0.53%	4.58%	-0.03%	11.56%	-1.53%	-3.31%	15.15%
2009	2.42%	5.81%	0.90%	0.65%	1.88%	1.78%	2.35%	1.19%	3.21%	1.38%	1.91%	1.93%	28.46%
2010	2.14%	1.77%	3.35%	1.32%	-3.70%	1.05%	1.65%	0.81%	1.28%	1.50%	0.79%	1.65%	14.32%
2011	1.41%	1.13%	0.31%	0.37%	0.02%	-0.15%	0.92%	-1.42%	-1.79%	1.22%	-0.61%	0.52%	1.90%
2012	2.35%	0.91%	0.31%	0.11%	0.12%	0.22%	0.80%	0.68%	1.15%	0.96%	0.20%	0.67%	8.79%
2013	1.44%	0.00%	0.24%	-0.05%	0.27%	-2.48%	0.88%	0.14%	-0.10%	1.22%	0.59%	0.23%	2.36%
2014	0.87%	0.96%	0.35%	0.17%	0.35%	0.20%	0.05%	0.05%	0.03%	0.25%	0.55%	-0.49%	3.38%
2015	-2.83%	1.11%	0.26%	0.55%	0.35%	-0.18%	-0.38%	-0.97%	-0.99%	0.85%	-0.02%	-0.79%	-3.04%
2016	-1.78%	-0.89%	3.54%	2.58%	1.32%	0.72%	2.10%	1.60%	1.19%	1.35%	0.93%	1.24%	14.71%
2017	0.98%	1.16%	0.34%	0.64%	0.25%	-0.04%	0.34%	0.01%	0.89%	0.73%	0.14%	0.30%	5.89%
2018	0.85%	-0.26%	-0.32%	1.01%	0.15%	0.39%	0.48%	0.17%	0.39%	-0.82%	-0.92%	-1.60%	-0.51%

Fixed Income Index AW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	2.99%	0.93%	-1.46%	-1.80%	-2.71%	-1.35%	-0.32%	-1.69%	-5.60%	-4.34%	2.44%	0.24%	-12.27%
2008	0.54%	-1.04%	3.08%	-3.59%	-0.54%	4.90%	0.53%	4.58%	-0.03%	11.56%	-1.53%	-3.31%	15.15%
2009	2.42%	5.81%	0.90%	0.65%	1.88%	1.78%	2.35%	1.19%	3.21%	1.38%	1.91%	1.93%	28.46%
2010	2.14%	1.77%	3.35%	1.32%	-3.70%	1.05%	1.65%	0.81%	1.28%	1.50%	0.79%	1.65%	14.32%
2011	1.37%	1.08%	0.05%	0.38%	0.11%	0.09%	0.66%	-1.63%	-0.66%	1.03%	-0.51%	0.48%	2.44%
2012	2.37%	1.45%	0.73%	0.15%	0.04%	0.59%	0.91%	1.14%	1.88%	1.35%	0.50%	0.91%	12.67%
2013	1.66%	0.47%	0.64%	0.10%	0.93%	-1.59%	1.03%	0.04%	0.79%	1.61%	0.92%	0.47%	7.26%
2014	1.07%	1.24%	0.59%	0.48%	0.76%	0.72%	0.25%	-0.26%	-0.15%	-0.34%	-0.22%	-1.43%	2.70%
2015	0.21%	1.38%	0.79%	0.78%	0.63%	-0.22%	-0.39%	-0.95%	-1.27%	0.91%	0.39%	-0.51%	1.72%
2016	-1.59%	-1.36%	2.65%	1.75%	1.13%	0.69%	1.93%	1.59%	0.89%	1.28%	0.61%	0.96%	10.96%
2017	1.34%	1.17%	0.28%	0.75%	0.43%	0.46%	0.62%	0.02%	0.85%	0.79%	0.24%	0.25%	7.43%
2018	0.89%	-0.20%	-0.32%	0.68%	-0.29%	-0.03%	0.66%	0.25%	0.50%	-0.48%	-1.10%	-0.91%	-0.40%

Global Banking and Markets

Canadian Hedge Fund Index

December 2018

Global Macro Index EW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	1.49%	-2.26%	-5.17%	-2.43%	-3.42%	1.71%	2.98%	1.30%	-0.71%	-1.55%	13.60%	1.03%	5.51%
2008	10.12%	9.16%	5.45%	-6.10%	-0.82%	10.87%	1.25%	-0.71%	-3.67%	13.49%	8.23%	17.04%	82.22%
2009	-2.11%	-0.21%	1.35%	-6.77%	2.84%	-0.45%	0.20%	1.24%	0.32%	0.57%	2.04%	-1.67%	-2.95%
2010	3.25%	-1.00%	-5.56%	1.94%	9.42%	3.33%	-9.23%	5.68%	1.97%	0.19%	0.64%	-5.23%	3.98%
2011	-3.94%	2.34%	-0.63%	4.03%	-1.95%	-3.56%	5.39%	6.67%	9.16%	-10.70%	5.10%	1.03%	11.82%
2012	-7.37%	-4.12%	-6.35%	-3.90%	7.81%	-0.76%	-0.33%	-0.70%	3.43%	-0.45%	-1.86%	-1.73%	-15.95%
2013	0.50%	-0.79%	0.95%	-1.02%	-0.37%	-1.19%	-4.92%	0.77%	-5.48%	-1.23%	0.67%	-1.16%	-12.70%
2014	4.16%	-0.32%	-3.22%	-1.44%	-2.41%	-2.40%	-0.92%	-0.02%	1.96%	-0.48%	5.27%	1.37%	1.17%
2015	9.53%	-1.82%	1.56%	-6.37%	1.65%	-1.24%	7.56%	5.23%	0.25%	-2.22%	3.34%	-1.65%	15.76%
2016	3.46%	3.69%	-4.82%	0.08%	-1.58%	2.11%	0.70%	-1.14%	-3.45%	-2.85%	-0.99%	-1.50%	-6.49%
2017	-2.20%	0.06%	-1.67%	-0.76%	-0.96%	-3.02%	-1.95%	0.54%	-1.11%	4.16%	2.73%	0.79%	-3.56%
2018	1.44%	-5.06%	1.11%	-0.25%	-2.84%	-1.83%	-0.96%	-1.32%	-1.16%	0.51%	-1.50%	2.77%	-8.93%

Global Macro Index AW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	0.05%	0.24%	-4.79%	-4.85%	-4.35%	1.29%	9.64%	1.73%	-6.55%	0.41%	14.18%	2.55%	7.87%
2008	8.04%	8.02%	3.05%	-7.93%	2.62%	11.58%	0.17%	-3.05%	3.60%	7.70%	8.23%	17.04%	74.03%
2009	-4.45%	-0.27%	2.16%	-10.81%	4.67%	-1.52%	1.19%	2.96%	2.16%	-0.53%	5.88%	-3.25%	-2.92%
2010	4.39%	-1.34%	-9.48%	3.59%	14.99%	6.11%	-15.11%	9.77%	4.81%	0.64%	-0.69%	-8.26%	5.52%
2011	-8.99%	4.11%	-0.73%	6.16%	-1.80%	-4.18%	13.35%	17.23%	25.51%	-23.30%	12.31%	4.55%	41.12%
2012	-15.37%	-6.09%	-16.64%	-9.97%	10.74%	-1.90%	-0.69%	0.81%	1.08%	-0.10%	-2.01%	-1.97%	-37.07%
2013	6.41%	-3.01%	5.64%	-1.39%	-4.07%	-7.52%	-8.34%	0.01%	-8.50%	-3.59%	2.42%	-0.17%	-21.14%
2014	11.76%	-0.48%	-11.45%	-2.19%	-3.32%	-1.14%	-6.03%	2.41%	-0.04%	-0.44%	4.68%	1.08%	-6.71%
2015	10.37%	-2.49%	1.46%	-5.64%	1.68%	-0.95%	7.41%	5.62%	0.84%	-1.69%	3.08%	-1.48%	18.51%
2016	3.23%	5.34%	-9.67%	-1.46%	-0.30%	0.91%	2.99%	-4.04%	-2.50%	-5.87%	-2.34%	-0.37%	-14.07%
2017	-2.61%	3.48%	-0.59%	0.34%	-0.29%	-2.85%	-4.80%	1.92%	-1.28%	12.00%	13.14%	1.32%	19.75%
2018	2.39%	-12.72%	3.74%	-2.86%	-10.31%	-3.63%	-0.85%	-5.56%	-0.82%	7.20%	-0.45%	7.60%	-17.00%

Multi-Strat Index EW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	3.07%	2.51%	2.43%	2.73%	1.69%	0.28%	1.07%	-5.49%	1.59%	2.55%	-2.65%	1.41%	11.38%
2008	-1.83%	5.54%	0.54%	0.16%	5.19%	2.52%	-6.23%	-1.65%	-11.95%	-14.49%	-5.56%	-1.25%	-27.14%
2009	3.92%	2.24%	6.14%	5.45%	6.55%	2.22%	1.79%	3.02%	5.38%	0.67%	2.04%	5.58%	55.23%
2010	2.35%	1.03%	1.85%	0.52%	-3.43%	-1.80%	0.03%	2.00%	4.26%	3.43%	5.57%	3.93%	21.17%
2011	2.65%	3.34%	-0.84%	0.45%	-0.86%	-3.97%	1.71%	-3.76%	-7.07%	1.63%	-1.19%	-0.74%	-8.79%
2012	3.06%	0.68%	-0.80%	-2.55%	-5.06%	-1.55%	0.55%	0.57%	2.11%	-0.54%	-1.19%	0.59%	-4.30%
2013	0.45%	-2.28%	0.07%	-2.85%	-0.14%	-0.09%	1.69%	1.32%	0.84%	1.30%	0.48%	1.86%	2.57%
2014	2.91%	3.44%	0.89%	0.90%	0.24%	3.21%	-0.37%	0.67%	-3.02%	-2.24%	-0.18%	0.44%	6.87%
2015	1.86%	2.35%	-1.07%	0.08%	-0.59%	-1.53%	-1.38%	-2.42%	-2.73%	1.04%	0.96%	1.59%	-2.00%
2016	-1.93%	1.67%	2.50%	2.68%	1.11%	0.65%	2.49%	1.12%	1.34%	0.43%	-0.43%	1.19%	13.51%
2017	0.20%	1.00%	0.62%	0.26%	-0.96%	-1.44%	-0.71%	0.42%	0.16%	1.57%	0.66%	0.99%	2.76%
2018	2.75%	-0.66%	0.09%	0.09%	0.05%	0.61%	-0.92%	-0.70%	1.90%	-2.93%	-2.11%	0.06%	-1.88%

Multi-Strat Index AW

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2007	3.33%	2.89%	3.38%	4.02%	1.94%	0.53%	2.19%	-7.71%	2.88%	5.77%	-2.75%	0.52%	17.54%
2008	-4.07%	8.06%	-0.56%	-1.09%	4.89%	2.97%	-7.61%	-0.61%	-10.26%	-12.95%	-7.01%	0.15%	-26.44%
2009	4.40%	2.93%	5.14%	5.88%	7.32%	3.21%	1.38%	4.01%	4.57%	1.54%	1.13%	3.86%	55.83%
2010	2.22%	0.89%	1.52%	0.64%	-2.16%	-1.24%	0.14%	1.86%	3.43%	3.14%	5.35%	3.12%	20.35%
2011	3.56%	2.61%	-0.63%	0.14%	0.14%	-3.37%	0.83%	-3.52%	-5.05%	0.21%	-0.78%	-0.65%	-6.63%
2012	2.68%	0.84%	-0.01%	-1.81%	-3.85%	-1.23%	0.42%	0.07%	1.58%	-0.10%	-1.03%	0.68%	-1.89%
2013	0.72%	-0.25%	0.22%	-1.18%	0.33%	-0.32%	1.39%	1.55%	0.49%	1.01%	0.27%	0.63%	4.94%
2014	2.02%	2.06%	0.50%	0.90%	0.74%	2.47%	0.79%	-0.15%	-1.89%	-1.36%	-0.02%	0.53%	6.68%
2015	2.32%	2.35%	0.73%	1.11%	1.48%	-0.43%	-0.64%	-1.78%	0.01%	1.57%	1.09%	0.95%	9.04%
2016	-0.32%	0.82%	2.32%	1.50%	1.63%	0.76%	2.33%	1.15%	1.05%	0.49%	-0.47%	0.73%	12.63%
2017	0.36%	0.76%	0.14%	1.26%	-0.71%	-1.87%	-2.00%	0.95%	0.22%	2.49%	0.61%	-0.60%	1.54%
2018	-0.34%	2.15%	0.19%	-0.45%	0.55%	1.24%	-0.99%	-0.07%	0.70%	-0.21%	-1.16%	2.62%	4.24%

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Funds Included:

Acorn Diversified Trust	Formula Growth Focus Fund	Perennial Equity Portfolio
Adaptable Long/Short Equity Fund Limited Partnership	Formula Growth Global Opportunities Fund	Picton Mahoney Global Long Short Equity Fund
Agilith North American Diversified Fund	Formula Growth Hedge Fund	Picton Mahoney Global Market Neutral Equity Fund
Algonquin Debt Strategies Fund LP	Friedberg Asset Allocation Fund Ltd.	Picton Mahoney Income Opportunities Fund
Alignvest Income Fund	Friedberg Global-Macro Hedge Fund	Picton Mahoney Long Short Equity Fund
Alignvest Opportunities Fund	Galliant Equity Long/Short Fund LP	Picton Mahoney Market Neutral Equity Fund
AlphaNorth Partners Fund Inc.	GFI Good Opportunities Fund	Polar Long/Short Fund
Amethyst Arbitrage Fund	Goodwood Fund	Polar Multi-Strategy Fund
Arrow Global Growth Fund	Guardian Strategic Income Fund	Primevestfund
Aventine Canadian Equity Fund	Hirsch Performance Fund	Rosalind Capital Partners L.P.
BT Global Growth Fund LP	IBV Capital Global Value Fund LP	RP Debt Opportunities Fund Ltd.
CC&L All Strategy Fund	JC Clark Adaly Fund	RP Select Opportunities Fund Ltd.
CC&L Multi-Strategy Fund	JC Clark Focused Opportunities Fund	Sprott Credit Income Opportunities Fund
CC&L Q Market Neutral Fund	JC Clark Patriot Trust	Sprott Enhanced Long Short Equity Fund
Curvature Fund LP	JC Clark Preservation Trust	Sprott Hedge Fund LP
Curvature Multi-Strategy Fund	Jemekk Long/Short Fund LP	Sprott Hedge Fund LP II
Donville Kent Capital Ideas Fund LP	Jemekk Total Return Fund	Stormway Recovery Fund LP
East Coast Investment Grade II Fund	JM Catalyst Fund	Vantage Protected Performance Fund
EdgeHill EHP Advantage Fund	Landry Global Equity Long Short Fund	Venator Founders Fund
EdgeHill EHP Guardian Fund	Lawrence Park Credit Strategies Fund	Venator Income Fund
EdgeHill EHP Select Fund	Lionguard Opportunities Fund LP	Vertex Fund
Exemplar Diversified Portfolio	Majestic Global Diversified Fund	Vision Opportunity Fund LP
Ewing Morris Opportunities Fund LP	Marret High Yield Hedge LP	Waratah Income
Fiera Long Short Equity Fund	Maxam Diversified Strategies Fund	Waratah One
Fiera North American Market Neutral Fund	Palos Income Fund LP	Waratah Performance
Fiera Quantum Income Opportunities Fund	PCJ Absolute Return Fund	Wealhouse Panorama Fund
Formula Growth Alpha Fund	Peregrine Fund	

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