

Pension Solution

Jul 11, 2013 - Mar 31, 2023 CAD (MA02) Hypothetical Model

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
2023	3.04%	-2.03%	-3.64%	-	-	-	-	-	-	-	-	-	-2.72%
2022	4.80%	3.62%	4.19%	-0.02%	3.78%	-9.50%	-2.89%	-0.78%	-1.32%	0.04%	1.05%	-3.36%	-1.31%
2021	-1.92%	1.25%	1.90%	0.99%	3.07%	1.58%	-0.94%	1.80%	-0.25%	4.65%	-2.05%	3.48%	14.17%
2020	4.17%	-3.99%	-8.61%	1.23%	2.79%	1.48%	2.95%	3.76%	-3.57%	-0.27%	4.97%	-0.55%	3.50%
2019	4.46%	1.17%	2.65%	3.78%	-0.67%	0.51%	-0.11%	1.98%	0.43%	-1.55%	2.04%	0.34%	15.91%
2018	2.52%	-1.70%	-1.22%	0.14%	1.51%	0.23%	-0.24%	3.82%	-0.16%	-5.79%	-0.02%	-6.09%	-7.22%
2017	-0.07%	2.38%	1.81%	1.52%	2.14%	-0.47%	-0.35%	0.70%	2.09%	5.08%	2.17%	-1.42%	16.56%
2016	-6.96%	-3.00%	-0.32%	1.67%	-1.07%	4.47%	3.71%	-2.90%	0.76%	-4.12%	3.06%	1.52%	-3.79%
2015	5.57%	2.54%	0.63%	-5.75%	2.77%	-1.10%	5.81%	-5.32%	-1.08%	0.38%	2.31%	0.54%	6.78%
2014	2.42%	5.89%	-1.05%	-2.27%	0.43%	1.73%	0.29%	1.82%	-0.76%	1.83%	3.02%	0.26%	14.22%
2013	-	-	-	-	-	-	2.73%	-1.68%	2.62%	4.58%	3.19%	1.79%	13.85%

Performance numbers are calculated in base currency of the holding over the range: Jul 11, 2013 - Mar 31, 2023. Performance numbers above could represent partial month or year calculations based on the time frame selected.

Trailing Performance

NAME	CAGR	YTD	1Y	3Y	5Y
Pension Solution	6.82%	-2.72%	-15.16%	7.47%	4.15%
S&P/TSX COMPOSITE INDEX	5.01%	3.69%	-8.18%	14.53%	5.52%

Performance numbers are calculated in CAD over the range: Jul 11, 2013 - Mar 31, 2023.

Drawdown Analysis

NAME	SYMBOL	DEPTH	LENGTH	RECOVERY	PEAK	VALLEY
S&P/TSX COMPOSITE INDEX	TSX.I	-37.43%	1	11	02/20/2020	03/23/2020
S&P/TSX COMPOSITE INDEX	TSX.I	-24.36%	16	29	09/03/2014	01/20/2016
Pension Solution	MA02	-21.16%	1	15	02/19/2020	03/23/2020
S&P/TSX COMPOSITE INDEX	TSX.I	-16.82%	5	9	07/12/2018	12/24/2018
Pension Solution	MA02	-16.07%	6	14	06/20/2018	12/24/2018

The largest 5 drawdowns of at least 10% that have recovered to the previous peak over the range Jul 11, 2013 to Mar 31, 2023.

Growth Chart



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Risk Reward Analysis

NAME	ANN STD	WIN MONTHS	AVG M GAIN	AVG M LOSS	MDD	SHARPE	ALPHA	BETA	CORR	R2	TTM YIELD	UP CAP	DOWN CAP
Pension Solution	10.25%	61.54%	2.39%	-2.29%	-23.01%	0.61	1.12	0.49	0.59	0.35	3.28%	60	31
S&P/TSX COMPOSITE INDEX	12.36%	63.25%	2.36%	-2.78%	-37.43%	0.39	0.01	0.99	0.99	0.98	-	100	100

Calculations are performed over the period July 11, 2013 to March 31, 2023 in the base currency of the holding. For the Alpha, Beta, R2, Correlation, and Capture Ratio calculations, USD denominated symbols use the S&P 500 Index and CAD denominated symbols use the S&P/TSX Composite Index.

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Holding Analysis

VALUE	SHARES	WEIGHT	EQUITY NAME	SYMBOL	SMAX	SECTOR	PRICE	ACB/S	G/L	YTD	1M	3M
\$14,844.21	48	7.82%	CATERPILLAR INC	CAT	5	Manufacturing	\$309.25	\$319.40	-3.18%	-4.22%	-5.39%	-4.22%
\$6,225.18	47	3.28%	ADVANCED MICRO DEVICES INC	AMD	10	Electronics and Semiconductors	\$132.45	\$133.50	-0.78%	50.97%	23.53%	50.97%
\$14,387.03	31	7.57%	ELI LILLY AND COMPANY	LLY	8	Drugs	\$464.10	\$492.92	-5.85%	-6.01%	9.29%	-6.01%
\$13,436.16	104	7.07%	GENERAL ELECTRIC COMPANY	GE	10	Conglomerates	\$129.19	\$125.60	2.86%	46.03%	11.87%	46.03%
\$6,756.81	18	3.56%	NVIDIA CORP	NVDA	10	Electronics and Semiconductors	\$375.38	\$340.09	10.38%	89.73%	18.52%	89.73%
\$9,249.45	161	4.87%	FORTIS INC	FTS.TO	10	Utilities	\$57.45	\$43.86	30.97%	7.12%	6.39%	7.12%
\$6,506.08	37	3.43%	THOMSON REUTERS CORP	TRI.TO	10	Financial Services	\$175.84	\$170.71	3.00%	14.30%	6.40%	14.30%
\$9,216.32	166	4.85%	EMERA INC	EMA.TO	6	Utilities	\$55.52	\$45.98	20.75%	8.68%	2.72%	8.68%
\$9,734.01	143	5.12%	BANK OF NOVA SCOTIA	BNS.TO	2	Banking	\$68.07	\$53.95	26.17%	4.22%	0.93%	4.22%
\$11,003.52	192	5.79%	CANADIAN IMPERIAL BANK OF COMMERCE	CM.TO	3	Banking	\$57.31	\$40.18	42.63%	6.23%	-6.76%	6.23%
\$14,359.68	192	7.56%	CDN NATURAL RESOURCES LTD	CNQ.TO	2	Energy	\$74.79	\$81.12	-7.80%	0.76%	-1.75%	0.76%
\$16,088.10	326	8.47%	TECK RESOURCES LTD CL B	TECK.B.TO	5	Metals and Mining	\$49.35	\$47.85	3.13%	-2.32%	-8.24%	-2.32%
\$15,184.76	188	7.99%	DOLLARAMA INC	DOL.TO	5	Retail	\$80.77	\$81.30	-0.65%	2.07%	2.47%	2.07%
\$15,647.66	367	8.24%	ISHARES CURR HDG MSCI EUROZONE ETF	HEZU	10	U.S. ETF Europe Stock - Developed	\$42.64	\$41.33	3.17%	13.34%	0.12%	13.34%
\$6,417.92	109	3.38%	NUVEI CORP	NVEI.TO	10	Computer Software	\$58.88	\$56.75	3.75%	71.11%	40.93%	71.11%
\$20,883.13	-	10.99%	CASH	-	-		-	-	-	-	-	-

Total: \$ 189,940.03 CAD

Values Calculations are performed in CAD as of March 31, 2023. Gain/Loss calculation is computed using the base currency of the model. For the Alpha, Beta, R2, Correlation, and Capture Ratio Calculations unless specified USD denominated symbols use the S&P 500 Index and CAD denominated symbols use the S&P/TSX Composite Index in its calculations when applicable.

Sector Breakdown

Legend

- Cash 10.99%
- Banking 10.92%
- Utilities 9.72%
- Metals and Mining 8.47%
- U.S. ETF Europe Stock - Developed 8.24%
- Retail 7.99%
- Manufacturing 7.82%
- Drugs 7.57%
- Energy 7.56%
- Other 20.71%



Powered by SIACharts.com (Pension Solution on Mar 31, 2023)

Company Disclaimer

The performance presented in this portfolio report is hypothetical and does not represent a specific client account. Details regarding actual returns of an investment account are available from the client's advisor. Distribution of this report is intended to be made only to those individuals with sophisticated investment knowledge.

Performance is calculated using month-end market values of the model portfolio. Since we use a model portfolio to calculate performance there are no client initiated cash flows (deposits/withdrawals) to account for. Performance is calculated by dividing the change in the model portfolio's market value by the model portfolio's market value at the beginning of the performance period. Also, any and all income generated by the portfolio's holdings are held within the model portfolio in cash and is accounted for in the portfolio's month-end market value - this results in a total return measure of the model's performance.

Returns for periods less than 1 year are shown as periodic returns while returns for periods greater than 1 year are annualized. Returns do not include fees and actual returns experienced by an investor may differ from those shown. Past performance is not a guarantee of future results.

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