

## Pension Solution

Jul 11, 2013 - Dec 31, 2021 CAD (MA02)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
2021	-1.92%	1.25%	1.90%	0.99%	3.07%	1.58%	-0.94%	1.80%	-0.25%	4.65%	-2.17%	3.42%	13.97%
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 - Dec 31, 2021. 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	8.36%	13.97%	13.97%	10.99%	8.13%
S&P/TSX COMPOSITE INDEX	6.45%	21.74%	21.74%	14.01%	6.78%

Performance numbers are calculated in CAD over the range: Jul 11, 2013 - Dec 31, 2021.

### Drawdown Analysis

NAME	DEPTH	LENGTH	RECOVERY	VALLEY
S&P/TSX COMPOSITE INDEX	-37.43%	1	11	03/23/2020
S&P/TSX COMPOSITE INDEX	-24.36%	16	29	01/20/2016
Pension Solution	-21.16%	1	15	03/23/2020
S&P/TSX COMPOSITE INDEX	-16.82%	5	9	12/24/2018
Pension Solution	-16.07%	6	14	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 Dec 31, 2021.

### Growth Chart



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### Risk/Reward Analysis

NAME	SYM	ANN STD	WIN MONTHS	AVG M GAIN	AVG M LOSS	MDD	STD	SHARPE	ALPHA	BETA	CORR	R2	TTM YIELD
Pension Solution	MA02	9.74%	63.73%	2.34%	-2.15%	-21.16%	2.81%	0.81	1.36	0.50	0.60	35.31	2.70%
S&P/TSX COMPOSITE INDEX	TSX.I	11.75%	66.67%	2.19%	-2.64%	-49.99%	3.39%	0.54	0.00	1.00	1.00	98.05	-

Calculations are performed in the base currency of each holding over the range: Jul 11, 2013 - Dec 31, 2021. Either the TSX.I or SPX.I are used as comparison benchmark based on currency of holding.

## Pension Solution

Jul 11, 2013 - Dec 31, 2021 CAD (MA02)

### Holdings Analysis

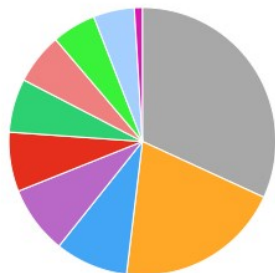
VALUE	WEIGHT	EQUITY NAME	SYMBOL	SECTOR	PRICE	SIA RANK	ACB/S	G/L	TTM YIELD	YTD	1M	3M	1Y	3Y
\$1,889.71	0.96%	CASH			-	-	-	-	-	-	-	-	-	-
\$17,422.79	8.82%	ISHARES U.S. TECHNOLOGY ETF	IYW	U.S. ETF Technology	\$145.19	92.34%	\$144.52	0.46%	0.25%	34.52%	0.37%	13.10%	34.52%	39.53%
\$12,151.44	6.15%	NATIONAL BANK OF CANADA	NA.TO	Banking	\$96.44	76.85%	\$45.65	111.26%	3.11%	39.01%	-1.97%	0.04%	39.01%	24.67%
\$9,825.83	4.97%	FORTIS INC	FTS.TO	Utilities	\$61.03	47.35%	\$43.86	39.13%	3.36%	21.82%	10.44%	9.66%	21.82%	14.36%
\$10,494.52	5.31%	EMERA INC	EMA.TO	Utilities	\$63.22	48.95%	\$45.98	37.49%	4.07%	22.33%	7.72%	11.49%	22.33%	18.33%
\$12,805.65	6.48%	BANK OF NOVA SCOTIA	BNS.TO	Banking	\$89.55	54.83%	\$53.95	65.99%	5.14%	37.98%	13.49%	17.49%	37.98%	15.43%
\$39,641.88	20.07%	iShares S&P/TSX 60 Index ETF	XIU.TO	Canadian Equity	\$32.52	72.26%	\$30.09	8.08%	2.43%	28.04%	3.14%	7.71%	28.04%	17.97%
\$14,155.20	7.17%	CANADIAN IMPERIAL BANK OF COMMERCE	CM.TO	Banking	\$147.45	67.23%	\$80.36	83.49%	4.06%	41.51%	4.64%	5.72%	41.51%	19.27%
\$62,908.68	31.85%	iShares S&P/TSX Capped Energy Index ETF	XEG.TO	Energy Equity	\$10.58	77.82%	\$9.41	12.39%	1.64%	82.69%	4.24%	13.89%	82.69%	9.31%
\$16,217.01	8.21%	GLOBAL X URANIUM ETF	URA	U.S. ETF Natural Resources	\$28.86	36.95%	\$34.28	-15.81%	4.62%	56.48%	-4.64%	1.07%	56.48%	25.83%

Total: \$ 197,512.71 CAD

Values and calculations are performed in CAD as of Dec 31, 2021. Gain/Loss calculation is computed using the base currency of the model.

#### Legend

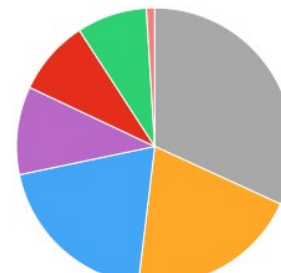
- iShares S&P/TSX Capped Energy Index ETF 31.85%
- iShares S&P/TSX 60 Index ETF 20.07%
- ISHARES U.S. TECHNOLOGY ETF 8.82%
- GLOBAL X URANIUM ETF 8.21%
- CANADIAN IMPERIAL BANK OF COMMERCE 7.17%
- BANK OF NOVA SCOTIA 6.48%
- NATIONAL BANK OF CANADA 6.15%
- EMERA INC 5.31%
- FORTIS INC 4.97%
- Cash 0.96%



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#### Legend

- Energy Equity 31.85%
- Canadian Equity 20.07%
- Banking 19.80%
- Utilities 10.29%
- U.S. ETF Technology 8.82%
- U.S. ETF Natural Resources 8.21%
- Cash 0.96%



Powered by SIACharts.com (Pension Solution on Dec 31, 2021)

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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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