





Quarterly Market Performance

Market Total Returns

Asset Classes	Sep	Q3	YTD
Cash (S&P Canada T-bill)	0.4%	1.3%	3.9%
Bonds (Canada Broad Universe)	1.8%	4.6%	4.2%
Federal Government	1.6%	4.3%	3.9%
Corporate	2.1%	4.5%	5.9%
Corporate BBB	2.3%	4.7%	6.8%
S&P/TSX Preferred shares	0.5%	5.5%	20.5%
U.S. Corporate (US\$)	1.7%	5.7%	5.8%
U.S. High Yield (US\$)	1.6%	5.3%	8.1%
World Equities (MSCI ACWI US\$)	2.4%	6.7%	19.1%
S&P/TSX	3.2%	10.5%	17.2%
S&P/TSX Small Caps	3.8%	8.4%	18.0%
S&P 500 (US\$)	2.1%	5.9%	22.1%
Russell 2000 (US\$)	0.7%	9.3%	11.2%
MSCI EAFE (US\$)	1.0%	7.3%	13.5%
MSCI Emerging Markets (US\$)	6.7%	8.9%	17.2%
Commodities (GSCI US\$)	-0.1%	-5.3%	5.2%
WTI Oil (US\$/barrel)	-7.7%	-17.0%	-4.4%
Gold (US\$/oz)	5.1%	13.2%	27.5%
Copper (US\$/tonne)	6.3%	2.5%	14.5%
Forex (US\$ Index DXY)	-0.9%	-4.8%	-0.5%
USD per EUR	0.8%	4.1%	1.0%
JPY per USD	-1.7%	-10.7%	1.8%
CAD per USD	0.2%	-1.1%	2.1%

CIO Office (data via Refinitiv, as of 2024-09-30)

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S&P/TSX	3.2%	10.5%	17.2%
S&P/TSX Small Caps	3.8%	8.4%	18.0%
S&P 500	2.4%	4.7%	24.6%
Russell 2000	0.9%	8.0%	13.5%
MSCI EAFE	1.2%	6.1%	15.9%
MSCI Emerging Markets	7.0%	7.6%	19.7%
Commodities (GSCI)	0.1%	-6.3%	7.4%
WTI Oil (C\$/barrel)	-7.5%	-17.9%	-2.4%
Gold (C\$/oz)	5.4%	11.9%	30.2%
Copper (C\$/tonne)	6.5%	1.3%	16.9%
Forex (US\$ Index DXY)	-0.9%	-4.8%	-0.5%
USD per EUR	0.8%	4.1%	1.0%
JPY per USD	-1.7%	-10.7%	1.8%
CAD per USD	0.2%	-1.1%	2.1%

CIO Office (data via Refinitiv, as of 2024-09-30)







Your Fixed Income investments are diversified, selected to produce steady income and manage fluctuations in your portfolio. Cost is managed to ensure you retain as much of your income as possible.

Target Allocations

Vanguard Canadian Aggregate Bond	39.5%
iShares High Quality Canadian Bond	20.3%
PIMCO Monthly Income ETF	14.9%
Invesco Long Term Government Bond Index ETF	14.8%
Global X Active Corporate Bond ETF	10.4%

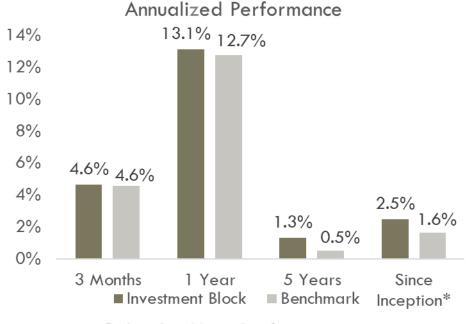
Statistics

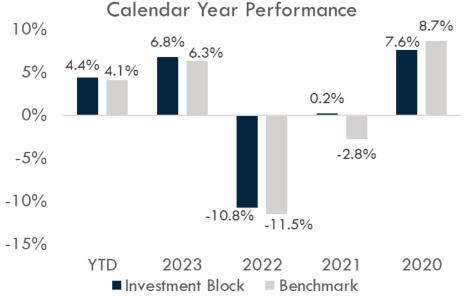
Yield to Maturity	3.96%
Duration (years)	7.63

Benchmark

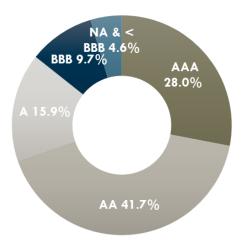
Morningstar Can Core Bond \$CAD

Fixed Income | Index plus









Comments

The duration of your fixed income is in line with the benchmark. Your portfolio is therefore positioned for good relative performance in a rising or falling interest rate environment.

Overweight in corporate bonds and underweight in government bonds, allowing you to generate a higher-than-average level of income.

The integration of global bonds (PIMCO ETF) allows you to increase your portfolio's income and offers the opportunity to outperform Canadian bonds.



Your Canadian equity investments are designed to achieve returns comparable to investing in a broad-base of Canadian corporations (an index), with core holdings in large, dividend paying companies. Cost control is a focus to ensure you maximize your earnings.

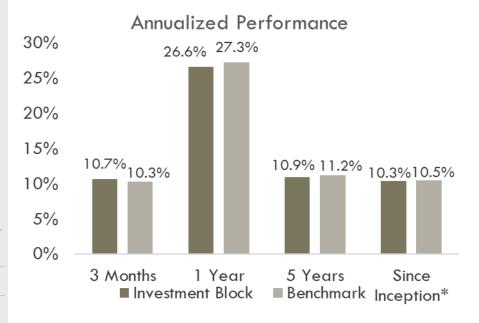
Target Allocations

BMO S&P/TSX Composite Index	86.4%
Vanguard FTSE Canadian High Dividend	13.6%

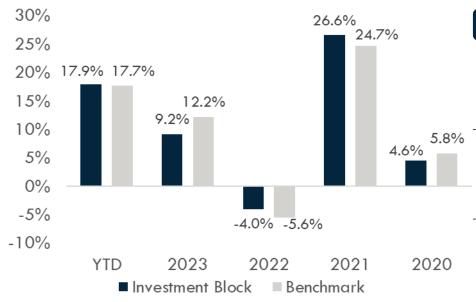
Benchmark

Morningstar Canada \$CAD

Canadian Equity | Index plus









Comments

10%

20%

30%

The BMO S&P/TSX Index ETF is a low-cost way to invest in the entire Canadian market.

The Vanguard ETF is intended to generate additional income from your Canadian equity investments

Canadian equities are attractive because of Canada's stable financial and political sector and investor-friendly governance standards.



Your Global equity investments will be divided between managers that identify focused investment opportunities and those that provide broad based access to a variety of countries and industries. You will benefit from global growth while controlling cost.

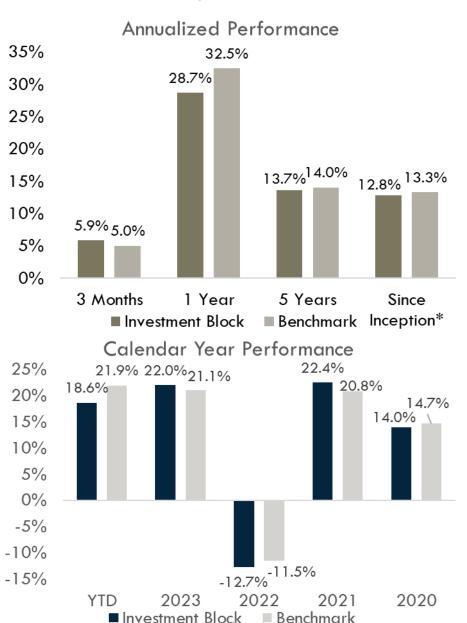
Target Allocations

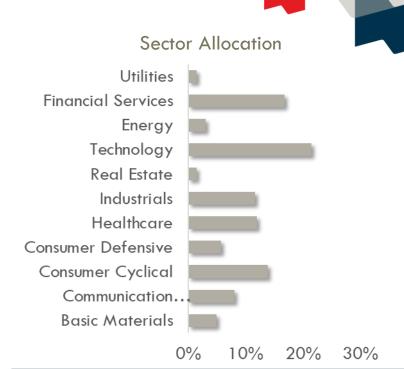
NBI US High Conviction Equity (Pinestone)	36.1%
Vanguard S&P 500	34.8%
iShares MSCI EAFE IMI	18.0%
Fidelity International High Quality Index ETF	11.1%

Benchmark

NBF Global Equity Benchmark

Global Equity | Blend





Comments

Your global equity investments give you exposure to the growth of the U.S. economy, recognized for its innovation and technological leadership, as well as an investor-friendly regulatory framework. You also gain exposure to international equities for added diversification.

Your global equity managers favour quality stocks generating stable earnings and cash flows, making them less vulnerable to market downturns. These companies also have sustainable competitive advantages, such as strong brand recognition, intellectual property or market dominance.



Your holdings in Alternatives are invested in a combination of publicly traded infrastructure as well as non-traditional strategies, designed to reduce fluctuation within your portfolio and to generate income.

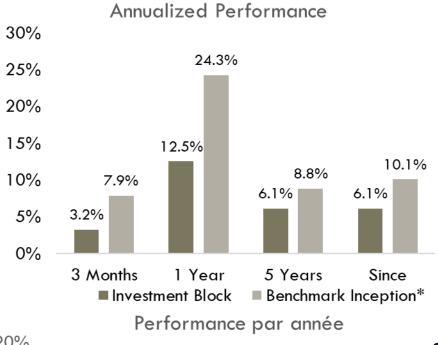
Target Allocations

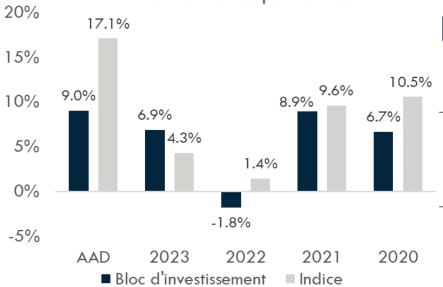
NBI Real Assets Pooled Fund	25.7%
Dynamic Premium Yield	23.8%
NBI Liquid Alternatives	23.7%
iShares Global Infrastructure Index ETF	13.6%
NBI Private Equity Master Pooled Fund	13.2%

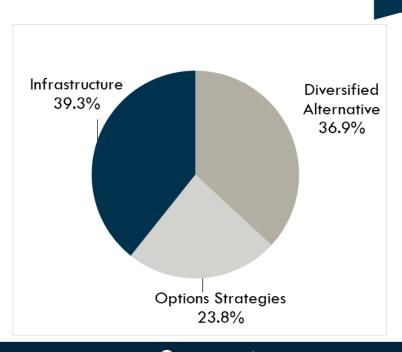
Benchmark

NBF Alternative Benchmark

Alternatives | Blend





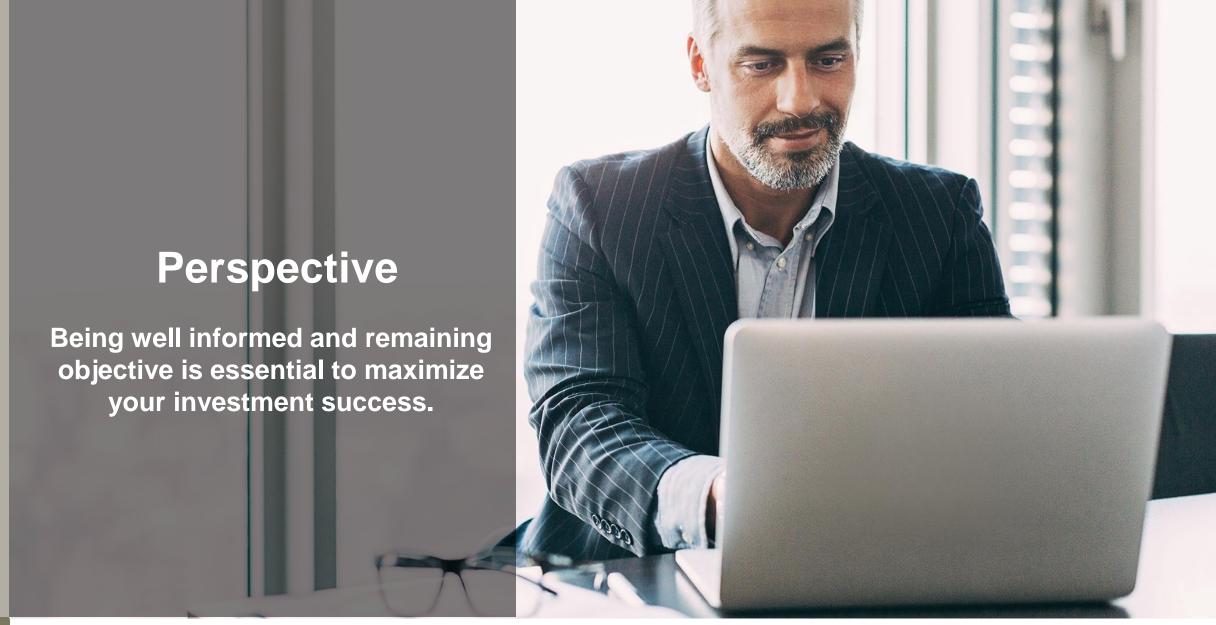


Comments

Diversified combination of alternative strategies to smooth returns and reduce portfolio volatility by diversifying your investments away from fixed-income securities and the equity market.

Infrastructure investments such as pipelines, utilities and energy storage generate stable and predictable cash flows. These assets provide essential services and are subject to relatively constant demand, making them less sensitive to economic cycles.

Equity option income strategies offer a means of generating high income while reducing volatility compared with equity investments.







Are Rate Hikes Bad for Stocks?



MYTH

Stocks generally perform poorly when central banks hike their policy rate.

REALITY

Each rate hike cycle has its own set of circumstances that often bring additional volatility to markets. However, what normally prompts central banks to raise their policy rate is usually an economy that is showing strength and is expected to continue to do so; a typically favorable environment for stocks.

Case in point: since 1996, the yearly total return of the S&P/TSX averages 6.2% when the Bank of Canada hikes the overnight rate at least once, lower than the 9.3% average of all years over that same time period but still well into positive territory. Similar findings in the United States, where the average yearly total return of the S&P 500 is 8.1% when the Federal Reserve hikes its policy rate at least once.

To be clear, these historical trends are no guarantee for any specific year, as evidenced by the year 2022, whose unique circumstances led to substantial setbacks for stocks. Nevertheless, over the long run, odds remain in favor of patient investors, regardless of the ups and downs of policy rates.

Markets and rate hikes (data since 1996)

Canada

Year	# of rate hikes*	Total return (S&P/TSX)
1997	5	15.0%
1998	3	-1.6%
2000	4	7.4%
2002	2	-12.4%
2005	3	24.1%
2006	4	17.3%
2010	3	17.6%
2017	2	9.1%
2018	3	-8.9%
2022	16	-5.8%
Average (ra	te hikes)	6.2%
Average (all	years)	9.3%

United States

Year	# of rate hikes*	Total return (S&P 500)
1997	1	33.4%
1999	3	21.0%
2000	4	-9.1%
2004	5	10.9%
2005	8	4.9%
2006	4	15.8%
2015	1	1.4%
2016	1	12.0%
2017	3	21.8%
2018	4	-4.4%
2022	17	-18.1%
Average (ra	te hikes)	8.1%
Average (all	years)	10.7%





MYTH

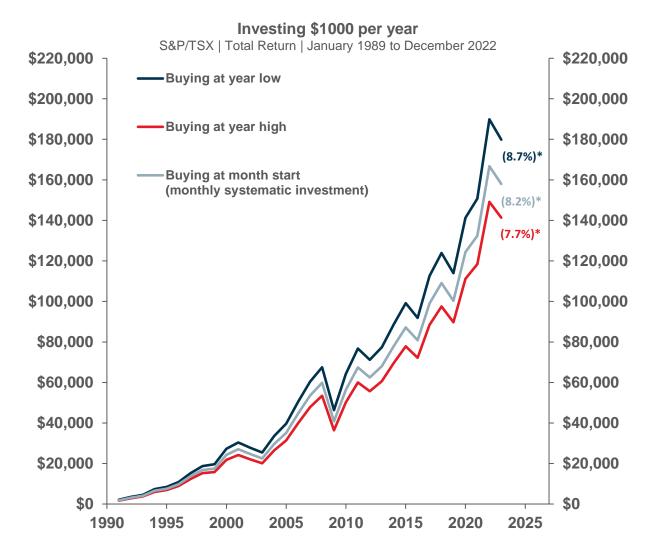
The timing of your investment is of utmost importance for your longterm returns.

REALITY

The timing of your annual investment will make a difference in the long run, but it is far from being the critical factor many seem to believe.

Case in point: consider an investor blessed with the power of perfect market timing (blue line) compared to another investor cursed with systematically picking the worst possible day to invest each year, over 30 years (red line). In the end, the market timing champion would have outperformed the most unfortunate of all investors by a mild 1% / year. If we take the more realistic example of an investor saving systematically at the beginning of each month, this annual outperformance shrinks below 1%.

How is such a small gap possible? Simply because in the long run, the first year's return is superfluous. What truly matters is the frequency of savings and passage of time, not market timing.



Reasons to Sell?



MYTH

Selling in times of heightened uncertainty can protect investments from heavy losses.

REALITY

Selling in times of heightened uncertainty is generally the best way to ensure heavy losses, as it often rhymes with selling low and missing the rebound.

More importantly, one should keep in mind that the only certainty is that there will always be uncertainty, as it is the price to pay for capital appreciation in the long run.

And – need we add – it isn't in the media's best interest to report the latest news with nuance and historical perspective; better to let fear and pessimism easily set in. However, the chart on the right should act as a reminder that letting emotions take over is a good recipe for short-term gain, but long-term pain.







MYTH

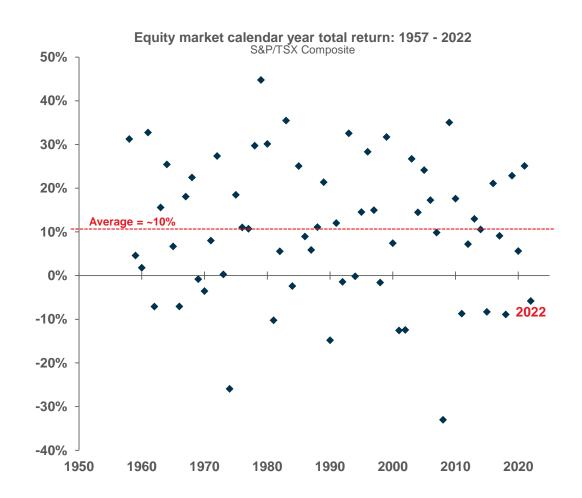
Since the long-term historical average annual return on the stock market is ~10%, investors should expect to see calendar-year returns near 10%.

REALITY

Quite the contrary, it is likely that investors will only rarely see a calendar year where equity returns are close to their long-term historical averages. Case in point: since 1957, only 8 years out of 63 have seen the Canadian stock market generate performance near average (+/- 2%).

One likely reason for this myth is the common misconception that "average" is synonymous with "typical." However, there is no such thing as a "typical" year in the stock market.

As a result, investors should expect a wide range of possible outcomes in any given year, whereas only the passage of time can lead to an annualized return near the market's long-term average.





Equity Performance in the Long Run

MYTH

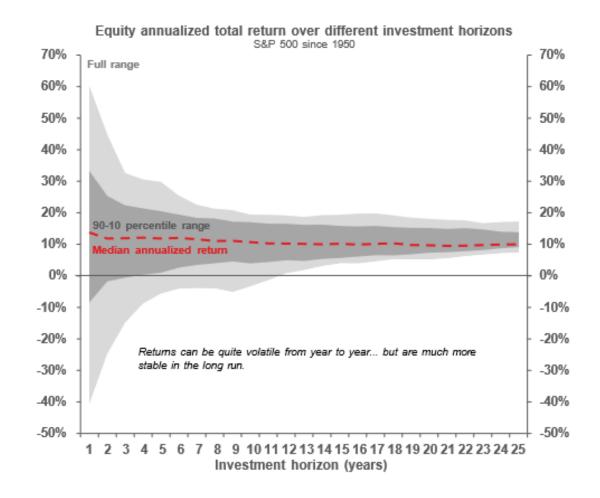
Investing in the stock market is akin to gambling at a casino.

REALITY

It is true that daily market fluctuations resemble a coin toss. Nevertheless, two fundamental reasons make investing completely different from gambling.

First, unlike the world of gambling, investing in the stock market is not a zero-sum game, as evidenced by the positive median annualized return (red dotted line). In the long run, equity returns come from companies' ability to grow their earnings, not from other investors' misfortune.

Second, while gambling remains just as uncertain no matter how long you "play", the opposite occurs within equity markets, as evidenced by the narrowing range of outcomes over time (grey area). The longer one "plays" (i.e. remains invested), the greater the chances are of converging towards the premium investors earn for bearing equity risk.



Home Country Bias



MYTH

It is more prudent to invest most of your portfolio in companies domiciled at home and thus of greater familiarity than to "risk it" with foreign corporations.

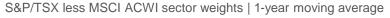
REALITY

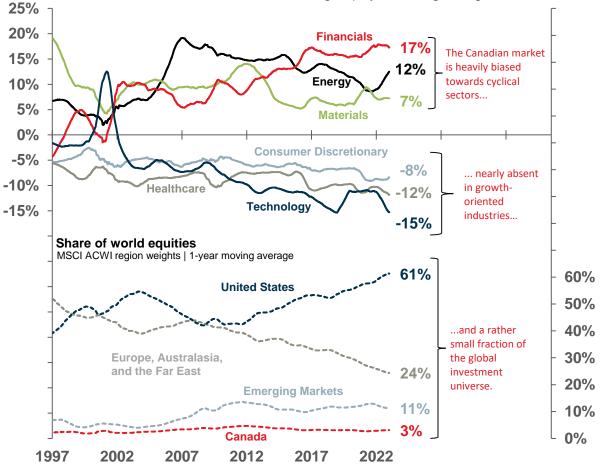
While predominantly investing in domestic equities might seem sufficient and feel comforting, such a portfolio could, in fact, be just the opposite. Do not confuse familiarity with safety.

For instance, Canada's stock market's high concentration in some of the most cyclical sectors and its relative lack of growthoriented companies poses a risk that can result in unpleasant surprises if left undiversified.

The good news is that there are plenty of opportunities abroad to complement for such risks. After all, Canadian stocks only represent 3% of the global equity investment universe... a far cry from the ~45% they account for in Canadians' portfolios*. Home bias indeed!

Sector allocation spread - Canadian vs. World Equities





^{* &}quot;Coordinated Portfolio Investment Survey" for 2014-2018.

Should Investors Fear Recessions?



MYTH

Investors should be fearful of recessions as they entail heavy financial losses.

REALITY

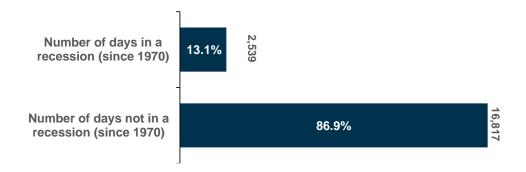
It is true that the most turbulent periods for markets are generally concomitant with recessions. As such, those with eyes riveted on daily stock exchange prices are very likely to experience fear in times of economic downturn.

However, if we step back from market fluctuations and look, rather, at the historical performance of a basic balanced portfolio (60% stocks, 40% bonds) during the last six recessions, we see that the average return was actually zero. Not something to celebrate, but far from the financial catastrophe many seem to believe – especially when we consider returns in the previous and following years. What's more, let's not forget that recessions are relatively rare events, covering only 13% of the last 50 years.

Therefore, it is not the recession that investors should fear, but fear itself... or rather the risk of materializing heavy losses, when in the grip of emotion, at an untimely moment.

Balanced portfolio (60/40)* total return

Recessions (NBER)	12-months Before	During Recession	12-months After	Full period**
Nov 1973 - Feb 1975	7%	<mark>-7</mark> %	12%	11%
Jan 1980 - Jun 1980	11%	9%	7%	31%
Jul 1981 - Oct 1982	9%	15%	26%	57%
Jul 1990 - Feb 1991	4%	6%	9%	21%
Mar 2001 - Oct 2001	- <mark>1</mark> %	- <mark>5</mark> %	<mark>-8</mark> %	- <mark>14</mark> %
Dec 2007 - May 2009	1%	-16%	9%	- <mark>8</mark> %
Feb 2020 - March 2020	16%	-9%	22%	28%
Average	7%	-1 <mark>%</mark>	11%	18%



Data via Refinitiv. *60% MSCI World (in CAD) 40% ICE Bofa Broad Canada Universe (FTSE 91-day index for the 1973-1975 recession).

^{**}Total return from 12-months before a recession until 12-months after a recession. Recession dates are from the NBER.





MYTH

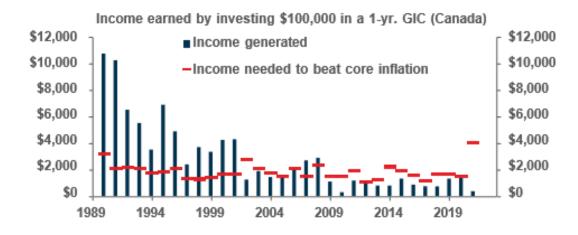
Guaranteed Investment Certificates (GICs) offer a risk-free alternative for investors seeking to at least preserve the purchasing power of their assets.

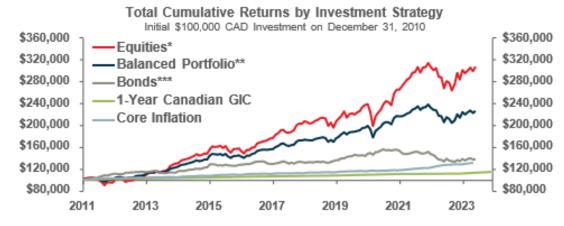
REALITY

GICs are indeed among the safest investment vehicles available. However, their returns, while guaranteed, generally fail to cover inflation, leaving their holders at risk of seeing their purchasing power decline over time.

It should be specified that this observation is a reflection of the low interest rate environment prevailing over the past several years. For instance, although a 1-year GICs provided income above inflation in the 1990s, this has not been the case since 2009.

Ultimately, the selection of an investment vehicle depends on risk tolerance - GICs may therefore be the right choice for some. However, a key risk for investors whose investment horizon is measured in years may not be the short-term volatility of other assets, but rather the potential erosion of their purchasing power over the long run.





Data via Refinitiv. *35% S&P 500, 35% S&P/TSX, 20% MSCI EAFE, 10% MSCI EM; all in CAD. **60% Equities, 40% Fixed Income ***100% ICE Bofa Broad Canada Universe

CIO Office

Back to basics: Diversification

Over short periods of time, asset classes will take turns out-performing and under-performing. A diversified portfolio helps protect your investments against market fluctuations.

2015	2016	2017	2018	2019	2020	2021	2022	2023
Balanced*	S&P/TSX	MSCIEmerging	Cash	S&P 500	Gold	Commodities	Commodities	S&P 500
6.7%	21.1%	37.8%	1.5%	31.5%	20.9%	40.4%	26.0%	26.3%
Canadian Bonds	US High Yield	MSCIEAFE	Canadian Bonds	S&P/TSX	MSCIEmerging	S&P 500	Cash	MSCIEAFE
3.6%	17.5%	25.6%	1.3%	22.9%	18.7%	28.7%	1.4%	18.9%
S&P 500	S&P 500	S&P 500	Balanced*	MSCIEAFE	S&P 500	S&P/TSX	Gold	US High Yield
1.4%	12.0%	21.8%	-1.5%	22.7%	18.4%	25.1%	-0.7%	13.4%
Cash	MSCI Emerging	Can. Pref. Shares	US High Yield	MSCIEmerging	Balanced*	Can. Pref. Shares	S&P/TSX	Gold
0.7%	11.6%	13.6%	-2.3%	18.9%	9.8%	19.3%	-5.8%	12.8%
MSCIEAFE	Commodities	Gold	Gold	Gold	Canadian Bonds	MSCIEAFE	CADUSD	Balanced*
-0.4%	11.4%	12.8%	-2.8%	18.0%	8.6%	11.8%	-6.8%	12.1%
US High Yield	Gold	Balanced*	S&P 500	Commodities	MSCIEAFE	Balanced*	Balanced*	S&P/TSX
-4.6%	7.7%	9.7%	-4.4%	17.6%	8.3%	11.1%	-10.1%	11.8%
S&P/TSX	Can. Pref. Shares	S&P/TSX	CADUSD	Balanced*	US High Yield	US High Yield	US High Yield	MSCIEmerging
-8.3%	7.0%	9.1%	-7.8%	15.6%	6.2%	5.4%	-11.2%	10.3%
Gold	Balanced*	US High Yield	Can. Pref. Shares	US High Yield	Can. Pref. Shares	CADUSD	Canadian Bonds	Canadian Bonds
-10.9%	7.0%	7.5%	-7.9%	14.4%	6.2%	0.8%	-11.5%	6.4%
MSCIEmerging	CADUSD	CADUSD	S&P/TSX	Canadian Bonds	S&P/TSX	Cash	MSCIEAFE	Can. Pref. Shares
-14.6%	3.0%	6.8%	-8.9%	7.0%	5.6%	0.2%	-14.0%	5.9%
Can. Pref. Shares	Canadian Bonds	Commodities	MSCIEAFE	CADUSD	CADUSD	MSCI Emerging	Can. Pref. Shares	Cash
-14.9%	1.5%	5.8%	-13.4%	5.0%	2.0%	-2.2%	-18.1%	4.8%
CADUSD	MSCIEAFE	Canadian Bonds	Commodities	Can. Pref. Shares	Cash	Canadian Bonds	S&P 500	CADUSD
-16.0%	1.5%	2.7%	-13.8%	3.5%	1.1%	-2.7%	-18.1%	2.3%
Commodities	Cash	Cash	MSCIEmerging	Cash	Commodities	Gold	MSCIEmerging	Commodities
-32.9%	0.5%	0.6%	-14.2%	1.7%	-23.7%	-4.3%	-19.7%	-4.3%

CIO Office (data via Refinitiv, as of 2023-12-29)



Historical Perspective on Bear Markets

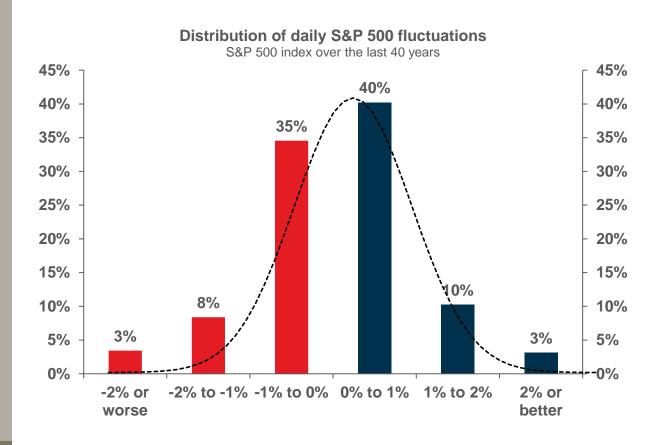
It is difficult to predict the timing of market corrections. What can be reasonably assumed though is that markets often experience healthy rebounds after trying times.

S&P 500 Bear Markets (1950-2022)

Peak Trough # days Providence # days to Cumulative price return over the follow					owing:			
reak	rrougn	# uays	Drawdown	recover	6 months	12 months	24 months	36 months
1956-08-02	1957-10-22	446	- 22%	337	8%	31%	47 %	42%
1961-12-12	1962-06-26	196	28%	434	20%	34%	53%	71%
1966-02-09	1966-10-07	240	- 22%	209	22%	32%	37 %	30%
1968-11-29	1970-05-26	543	3 6%	650	19%	48%	54%	61%
1973-01-11	1974-10-03	630	- 48%	2,114	35 %	37%	68%	54%
1980-11-28	1982-08-12	622	27 %	83	43%	58%	48%	88%
1987-08-25	1987-12-04	101	34%	600	13%	19%	50%	35%
2000-03-24	2002-10-09	929	49%	1,694	13%	28%	45%	57%
2007-10-09	2009-03-09	517	- 57%	1,480	48%	63%	96%	94%
2020-02-19	2020-03-23	33	34%	148	52%	7 4%	99%	
2022-01-03	2022-10-12	282	2 5%					
	Average:	413	- 35%	775	27 %	43%	55%	59%

Daily Stock Market Fluctuations





Market fluctuations are normal, both mathematically* and literally. While only the few "extremes" end up in the evening news and morning shows, the truth is they don't matter all that much.

What really matters is the accumulation of "0% to 1%" days that rarely make the headlines, but explain much of the 12.3% S&P 500 annualized total return over the last 40 years...

...despite the fact that the index closes in the red almost every other day.

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