



# ROLLING RETURNS ARE REVEALING

The Defined Risk Strategy  
Seeking Consistency and Sustainability

Defined Risk U.S. Large Cap Composite vs. S&P 500 TR Index vs.  
Bloomberg U.S. Aggregate Bond Index vs. 60/40 Traditional Portfolio

# ROLLING RETURNS ARE REVEALING

Rolling returns consider returns over a fixed time period based on different start dates. Rolling returns offer a comprehensive view of returns:

## Performance Consistency

Rolling returns provide insight into the consistency of a manager's strategy. When looking into a strategy's rolling returns over various lengths, or rolling periods, investors may identify time periods or market conditions in which a strategy may struggle or produce returns that are highly divergent from other periods.

## Reflects the Investor Experience

Rolling returns give a snapshot of what the investor experience would have been, starting from any month within the time frame specified. If rolling returns are consistent from one time period to the next, and/or across various lengths of rolling periods, then the investment timing risk may be reduced.

## Manage Expectations

Rolling returns reveal the best and worst returns of a particular investment, which leads to better investor expectations. Seeing the best and the worst rolling returns over various time periods can give them a better sense of the fluctuations of their investments.

Rolling returns over longer-term periods can help advisors redefine the discussion around performance with clients and frame a longer-term view. This may improve investors' expectations and keep them on track with their financial plans.

## S&P 500 Index vs. Defined Risk U.S. Large Cap Composite (Swan DRS)

Rolling Annualized Returns since Inception Based on Month-End

Rolling Period	S&P 500 TR Index				Swan Defined Risk U.S. Large Cap Composite			
	Current Rolling Return	Average Rolling Return	Worst Rolling Return	Best Rolling Return	Current Rolling Return	Average Rolling Return	Worst Rolling Return	Best Rolling Return
7/1/1997 - 12/31/2023								
Rolling 1 Year	26.29%	9.33%	-43.32%	56.35%	11.97%	7.09%	-10.98%	37.97%
Rolling 2 Year	1.69%	8.40%	-26.08%	37.22%	-0.16%	6.85%	-2.41%	23.83%
Rolling 3 Year	10.00%	8.02%	-16.09%	26.07%	4.77%	6.77%	1.19%	19.00%
Rolling 4 Year	12.04%	7.68%	-9.76%	22.42%	4.28%	6.66%	2.27%	12.78%
Rolling 5 Year	15.69%	7.67%	-6.63%	23.00%	6.28%	6.70%	2.18%	12.80%
Rolling 6 Year	12.07%	7.87%	-1.13%	21.72%	3.94%	6.72%	2.75%	10.76%
Rolling 7 Year	13.42%	7.93%	-3.85%	17.27%	4.96%	6.78%	3.72%	10.64%
Rolling 10 Year	12.03%	7.85%	-3.43%	16.67%	4.72%	6.85%	4.03%	10.30%
Rolling 15 Year	13.97%	7.67%	3.76%	13.97%	6.17%	6.84%	5.04%	8.96%

Since Inception: July 1997 - Dec 2023	S&P 500 Index	Swan DRS
Annualized Return	8.55%	7.31%

Source: Swan Global Investments and Zephyr StyleAdvisor. Data based on historic returns of the S&P 500 Total Return Index and Defined Risk U.S. Large Cap Composite, net of fees, from 7/1997 to 12/31/2023, and assume no portfolio withdrawals. Results in the table are the best, worst, and average annualized returns, based on month-end returns, for every rolling period listed within the overall time frame of July 1st, 1997 to December 31st, 2023. Prior performance is not a guarantee of future results and there can be no assurance, and investors should not assume, that future performance will be comparable to past performance. An index is unmanaged and cannot be invested in directly.



**60/40 Portfolio vs. Defined Risk U.S. Large Cap Composite (Swan DRS)**  
 Rolling Annualized Returns since Inception Based on Month-End

Rolling Period	60/40 Portfolio				Swan Defined Risk U.S. Large Cap Composite			
	Current Rolling Return	Average Rolling Return	Worst Rolling Return	Best Rolling Return	Current Rolling Return	Average Rolling Return	Worst Rolling Return	Best Rolling Return
7/1/1997 - 12/31/2023								
Rolling 1 Year	17.67%	7.16%	-27.65%	34.50%	11.97%	7.09%	-10.98%	37.97%
Rolling 2 Year	-0.45%	6.76%	-14.59%	24.76%	-0.16%	6.85%	-2.41%	23.83%
Rolling 3 Year	4.71%	6.70%	-7.24%	18.45%	4.77%	6.77%	1.19%	19.00%
Rolling 4 Year	7.13%	6.59%	-4.05%	16.11%	4.28%	6.66%	2.27%	12.78%
Rolling 5 Year	9.98%	6.60%	-2.26%	15.85%	6.28%	6.70%	2.18%	12.80%
Rolling 6 Year	7.83%	6.71%	1.69%	15.08%	3.94%	6.72%	2.75%	10.76%
Rolling 7 Year	8.72%	6.74%	-0.12%	12.31%	4.96%	6.78%	3.72%	10.64%
Rolling 10 Year	8.09%	6.72%	0.42%	11.56%	4.72%	6.85%	4.03%	10.30%
Rolling 15 Year	9.61%	6.68%	4.69%	9.61%	6.17%	6.84%	5.04%	8.96%

Since Inception: July 1997 - Dec 2023	60/40 Portfolio	Swan DRS
Annualized Return	7.11%	7.31%

Source: Swan Global Investments and Zephyr StyleAdvisor. Data based on historic returns of a 60/40 blended composite and the Defined Risk U.S. Large Cap Composite, net of fees, from 7/1997 to 12/31/2023, and assume no portfolio withdrawals. The 60/40 blended composite, weighted 60% in the S&P 500 Total Return Index, which consists of approximately 500 large cap stocks, and 40% in the Bloomberg US Aggregate Bond Index. The 60/40 is rebalanced monthly. The Bloomberg US Aggregate Bond Index is a broad-based flagship benchmark that measures the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS and CMBS (agency and non-agency). Results in the table are the best, worst, and average annualized returns, based on month-end returns, for every rolling period listed within the overall time frame of July 1st, 1997 to December 31st, 2023. Prior performance is not a guarantee of future results and there can be no assurance, and investors should not assume, that future performance will be comparable to past performance. An index is unmanaged and cannot be invested in directly.

## Bloomberg U.S. Aggregate Bond Index vs. Defined Risk U.S. Large Cap Composite (Swan DRS)

Rolling Annualized Returns since Inception Based on Month-End

Rolling Period	Bloomberg U.S. Agg Bond Index				Swan Defined Risk U.S. Large Cap Composite			
	Current Rolling Return	Average Rolling Return	Worst Rolling Return	Best Rolling Return	Current Rolling Return	Average Rolling Return	Worst Rolling Return	Best Rolling Return
7/1/1997 - 12/31/2023								
Rolling 1 Year	5.53%	4.09%	-15.68%	14.57%	11.97%	7.09%	-10.98%	37.97%
Rolling 2 Year	-4.19%	4.09%	-8.40%	10.87%	-0.16%	6.85%	-2.41%	23.83%
Rolling 3 Year	-3.31%	4.33%	-5.57%	10.92%	4.77%	6.77%	1.19%	19.00%
Rolling 4 Year	-0.72%	4.45%	-2.76%	8.88%	4.28%	6.66%	2.27%	12.78%
Rolling 5 Year	1.10%	4.44%	-0.54%	7.92%	6.28%	6.70%	2.18%	12.80%
Rolling 6 Year	0.92%	4.38%	-0.39%	7.95%	3.94%	6.72%	2.75%	10.76%
Rolling 7 Year	1.29%	4.36%	-0.21%	6.98%	4.96%	6.78%	3.72%	10.64%
Rolling 10 Year	1.81%	4.43%	0.74%	6.53%	4.72%	6.85%	4.03%	10.30%
Rolling 15 Year	2.68%	4.48%	2.53%	6.24%	6.17%	6.84%	5.04%	8.96%

Since Inception: July 1997 - Dec 2023	Bloomberg U.S. Aggregate Bond	Swan DRS
Annualized Return	4.18%	7.31%

Source: Swan Global Investments and Zephyr StyleAdvisor. Data based on historic returns of a 60/40 blended composite and the Defined Risk U.S. Large Cap Composite, net of fees, from 7/1997 to 12/31/2023, and assume no portfolio withdrawals. The Bloomberg US Aggregate Bond Index is a broad-based flagship benchmark that measures the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS and CMBS (agency and non-agency). Results in the table are the best, worst, and average annualized returns, based on month-end returns, for every rolling period listed within the overall time frame of July 1st, 1997 to December 31st, 2023. Prior performance is not a guarantee of future results and there can be no assurance, and investors should not assume, that future performance will be comparable to past performance. An index is unmanaged and cannot be invested in directly.



**DISCLOSURES:** Swan Global Investments, LLC is a SEC registered Investment Advisor that specializes in managing money using the proprietary Defined Risk Strategy ("DRS"). SEC registration does not denote any special training or qualification conferred by the SEC. Swan offers and manages the DRS for investors including individuals, institutions and other investment advisor firms.

All investment strategies have the potential for profit or loss. Changes in investment strategies, contributions or withdrawals may cause the performance results of a client's investment portfolio to differ materially from the reported composite performance. Different types of investments involve varying degrees of risk and there can be no assurance that any specific investment will either be suitable or profitable for a client's investment portfolio. All Swan products utilize the Defined Risk Strategy ("DRS"), but may vary by asset class, regulatory offering type, etc. Accordingly, all Swan DRS product offerings will have different performance results and comparing results among the Swan products and composites may be of limited use. Economic factors, market conditions, and investment strategies will affect the performance of any portfolio and there are no assurances that it will match or outperform any particular benchmark. Historical performance results for market indices and/or categories generally do not reflect the deduction of transaction and/or custodial charges or the deduction of an investment management fee, the incurrence of which would have the effect of decreasing historical performance results. Swan's investments may consist of securities which vary significantly from those in the benchmark indexes listed above and performance calculation methods may not be entirely comparable. Accordingly, comparing results shown to those of such indexes may be of limited use. The equity portion of portfolio is hedged using put options and the option income portion of the portfolio is actively managed to seek additional income. Both the equity and income portion of the strategy may experience losses in a market downturn but may be defined and mitigated by the hedge. The extent of potential losses will vary depending on many factors including, but not limited to; the options used, option strategy, expiration, prices, actions taken by portfolio manager. The adviser's dependence on its DRS process and judgments about the attractiveness, value and potential appreciation of particular ETFs and options in which the adviser invests or writes may prove to be incorrect and may not produce the desired results. There is no guarantee any investment or the DRS will meet its objectives. All investments involve the risk of potential investment losses as well as the potential for investment gains. Prior performance is not a guarantee of future results and there can be no assurance, and investors should not assume, that future performance will be comparable to past performance. Further information is available upon request by contacting the company directly at 970-382-8901 or [www.swanglobalinvestments.com](http://www.swanglobalinvestments.com).

### Global Investment Performance Standards (GIPS®) Report

Swan Global Investments, LLC DRS U.S. Large Cap Composite													S&P 500 ("The Benchmark")				
Year	Net-Of-Fee Return	Net-Of-Fee Cumulative Return	Net-Of-Fee Annualized Return	Gross-Of-Fee Return	Gross-Of-Fee Cumulative Return	Gross-Of-Fee Annualized Return	Beta (Net-Of-Fees)	Standard Deviation (External) Net-Of-Fees	Sharpe Ratio (Net-Of-Fees)	# of Accts / Assets in Millions	Total Firm Assets (\$MM)	Dispersion (Internal) Gross-Of-Fees	Return	Cumulative Return	Annualized Return	Standard Deviation (External)	Sharpe Ratio
2013	14.16%	308.71%	8.91%	14.86%	383.96%	10.03%	0.28	6.58%	0.64	423 / 309.7	1,052.99	1.56%	32.39%	182.28%	6.49%	11.94%	0.25
2014	6.11%	333.67%	8.74%	6.74%	416.60%	9.84%	0.28	4.75%	0.65	599 / 434.3	1,810.04	0.65%	13.69%	220.92%	6.89%	8.97%	0.29
2015	-2.23%	323.99%	8.12%	-1.64%	408.14%	9.18%	0.29	5.79%	0.61	766 / 473.21	2,446.11	1.36%	1.38%	225.36%	6.58%	10.47%	0.28
2016	8.90%	361.71%	8.16%	9.55%	456.68%	9.20%	0.29	5.38%	0.64	1,207 / 675.64	3,620.08	0.90%	11.96%	264.27%	6.85%	10.59%	0.31
2017	11.29%	413.84%	8.31%	11.96%	523.26%	9.34%	0.29	4.98%	0.67	1,630 / 982.45	4,975.33	0.78%	21.83%	343.79%	7.54%	9.92%	0.37
2018	-7.01%	377.83%	7.55%	-6.45%	483.07%	8.55%	0.31	6.23%	0.59	1,292 / 756.36	4,063.88	1.13%	-4.38%	324.34%	6.95%	10.80%	0.33
2019	14.69%	448.01%	7.85%	15.38%	572.73%	8.84%	0.31	7.01%	0.63	1,144 / 638.36	3,065.24	1.15%	31.49%	457.95%	7.94%	11.93%	0.40
2020	2.82%	463.45%	7.63%	3.44%	595.85%	8.61%	0.32	9.17%	0.61	893 / 501.09	2,236.86	1.75%	18.40%	560.60%	8.37%	18.53%	0.41
2021	15.38%	550.10%	7.94%	16.07%	707.68%	8.90%	0.33	8.07%	0.66	1,026 / 546.44	2,571.77	0.24%	28.71%	750.23%	9.13%	17.17%	0.47
2022	-10.98%	478.71%	7.13%	-10.45%	623.32%	8.07%	0.33	8.76%	0.57	818 / 414.59	2,202.24	0.40%	-18.11%	596.25%	7.91%	20.87%	0.38



## Global Investment Performance Standards (GIPS®) Report

Annualized As Of 12/31/2022	Composite		Composite Net Return Benchmark
	Gross Return		
Since Inception	8.07%	7.13%	7.91%
10 Year	5.55%	4.92%	12.56%
5 Year	3.02%	2.41%	9.42%
3 Year	2.45%	1.83%	7.66%
1 Year	-10.45%	-10.98%	-18.11%

Compliance Statement: Swan Global Investments, LLC (“Swan”) claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Swan has been independently verified by The Spaulding Group for the periods July 1, 1997 through December 31, 2023. The verification report is available upon request.

A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm’s policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report. To receive copies please call 970-382-8901 or email [operations@swanglobalinvestments.com](mailto:operations@swanglobalinvestments.com).

**Definition of the Firm:** Swan Global Investments, LLC is an SEC registered investment advisor providing asset management services utilizing the Swan Defined Risk Strategy (“DRS”), allowing its clients to grow wealth while protecting capital. Please note that registration of the adviser does not imply a certain level of skill or training. Swan Global Investments, LLC is affiliated with Swan Capital Management, LLC, Swan Global Management, LLC and Swan Wealth Management, LLC.

**Firm Redefinition:** Previously Swan offered and managed The Defined Risk Strategy for its clients which were individual investors. Swan redefined itself to include all client types, including individuals, institutions and sub-advised clients, as of January 1, 2010. This redefinition resulted in a change to Swan’s 2009 performance numbers, due to adding all sub-advised clients beginning on June 30, 2009. Additionally, Swan created affiliated entity Swan Capital Management, Inc. on April 13, 2012 to be an advisor and distributor of the Swan Defined Risk Fund launched in July 2012. In December 2014, Swan Capital Management, Inc. converted to Swan Capital Management, LLC. Swan created affiliated entity Swan Wealth Management, LLC to serve as the portfolio manager of the DRS in 2014, and subsequently created affiliated entity Swan Global Management, LLC to serve as the portfolio manager of the DRS starting in 2015.

**Name Changes:** Swan Consulting, Inc. changed its name to Swan Wealth Advisors, Inc. on April 8, 2011 to better reflect that the Company is a money management firm. Investment consulting firms generally do not manage money. Swan Wealth Advisors, Inc. changed its name to Swan Global Investments, LLC on December 5, 2014 to better reflect that the Company is a money management firm rather than an advisor. Advisors are the Company’s clients, and it does not want to give the impression that the Company is competing with other advisors. Instead, Swan Global Investments, LLC offers investment products and manages money for sub-advised clients and the mutual funds of its affiliate Swan Capital Management, LLC.

**Composite Inception Date:** The inception of the DRS U.S. Large Cap Composite was July 1, 1997.

**Composite Creation Date:** The DRS U.S. Large Cap Composite was defined on January 1, 2010.

**Composite Description:** The DRS U.S. Large Cap Composite demonstrates the performance of qualified and non-qualified assets invested in DRS U.S. Large Cap strategies managed by Swan Global Investments, LLC since inception. It includes discretionary individual accounts whose account holders seek the upside potential of owning stock, and the desire to minimize the downside risk associated with owning stock. The Composite relies on LEAPS and other options to manage this risk. Individual accounts own S&P 500 exchange traded funds and LEAPS associated with the exchange traded funds as well as multiple other option trades that represent other indices that are widely traded. The Defined Risk Strategy was designed to protect investors from substantial market declines, provide income in flat or choppy markets, and to benefit from market appreciation. Stock and options are the primary components of the strategy. Portfolios in the composite may include non-DRS securities (securities that are not part of the Swan Defined Risk Strategy) that are excluded from composite performance.

**Returns:** Performance results reflect the reinvestment of dividend and other earnings and are expressed in U.S. dollars. Gross-of-fee performance results do not reflect the deduction of the firm’s investment management fees or custodial fees but are net of all transaction costs and withholding taxes (if applicable). Net-of-fees returns are calculated by deducting the higher of either actual management fees or a model management fee equal to the highest tier of the fee schedule (0.60% annual, or 0.05% monthly) from the monthly gross-of-fee composite return. The composite includes portfolios that pay zero commissions on certain securities in the portfolio (e.g., exchange traded funds (ETFs)).



## Global Investment Performance Standards (GIPS®) Report

**Fee Schedule:** The investment management fee schedule for sub-advised clients is as follows. Rate breaks are applied to total aggregate assets under management under the sub-advisory agreement:

Annual fees are 60 basis points (0.60%) on the first \$10 Million; 50 basis points (0.50%) on the next \$190 Million; 45 basis points (0.45%) on the next \$300 Million; 40 basis points (0.40%) on the next \$500 Million; and 35 basis points (0.35%) over \$1 Billion. Actual investment management fees incurred by clients may vary.

**Benchmark:** The benchmarks used for The DRS U.S. Large Cap Composite is the S&P 500 Index, which consists of approximately 500 large cap stocks and the Bloomberg US Aggregate Bond Index is a broad-based flagship benchmark that measures the investment grade, US dollar-denominated, fixed-rate taxable bond market. The index includes Treasuries, government-related and corporate securities, MBS (agency fixed-rate and hybrid ARM pass-throughs), ABS and CMBS (agency and non-agency).

**Policies:** Policies for valuing investments, calculating performance, and preparing GIPS reports, as well as a complete list and description of composites and broad distribution pooled funds are all available upon request.

**Use of Derivatives:** The purchase and sale of options are a component of The Defined Risk Strategy Composite. Options are traded on both long-term and short-term horizons to reduce the risk of owning stock and to generate income. Since inception of The Defined Risk Strategy, options have been responsible for a significant portion of total returns. The DRS uses little or no leverage (<2% of total portfolio value). Portfolios are generally balanced annually with approximately 85-90% stock, 10-15% options. Please contact Swan Global Investments, LLC if you would like more detailed information on the use of options in The DRS.

**Minimum account size:** Prior to January 1, 2013, there was no minimum account size required for inclusion in Defined Risk Strategy Composite. Starting January 1, 2013, the minimum account size required for inclusion in the DRS U.S. Large Cap Composite is \$250,000.

**Leverage and Short Positions:** The DRS U.S. Large Cap Composite uses a combination of ETFs (long) and options, both long (portfolio has bought a position in a call or put option) and short (the portfolio holds a written call or put option) positions which constitute approximately 85-90% and 10-15% of the portfolio, respectively. The Defined Risk Strategy does not typically borrow money to buy stock on margin and as a result does not use leverage in the traditional sense. However, the DRS uses options as a material part of the strategy and by definition may constitute use of leverage since options typically control a large amount of the underlying security. This does not imply that The DRS portfolio is leveraged. The short option positions that are used to generate income are offset in whole or in part by the long stock and long options positions contained in the portfolio. Regardless, a margin account could be required.

**Beta:** Beta for the Composites has been calculated using the standard formula of: covariance of portfolio and benchmark returns divided by the variance in benchmark returns. The period used in calculations is July 1, 1997 through the end of the period and the frequency of returns used is monthly. Beta is based on returns that are net of Swan fees only. A beta greater than 1.0 indicates that the investment is more volatile than the index, whereas a beta between 0 and 1.0 indicates that the investment is less volatile than the market index. A negative beta indicates the investment performance is counter-cyclical to the market. Values are excluded for the first 3.5 years of Composite implementation (i.e., 1997-2000) to ensure sufficient measurement points for meaningful statistical analysis.

**Standard Deviation (External):** Standard deviation measures the variability of the Composite's monthly returns, and states that variability on an annualized basis. Annualized standard deviations of monthly returns for both the Composite and benchmark have been calculated using the following method: Standard Deviation of 36 monthly returns multiplied by the Square Root of 12 (which annualizes it). This measure is based on returns that are net of Swan fees only.

**Measure of Dispersion (Internal Standard Deviation):** The Composite dispersion is measured using standard deviation of returns as stated above. However, from inception to December 31, 2012, the dispersion represented the variability of Net-of-Fees returns within the Composite. After December 31, 2012, the dispersion represents the variability of Gross-of-Fees returns within the Composite to remove the variance in fees per account. Dispersion is measured using only portfolios that were included in the Composite the entire calendar year.

**Sharpe Ratio:** Sharpe Ratios for both the Composite and the benchmark have been calculated using the standard formula of (Annualized Return – Risk Free Annualized) / Standard Deviation. The period used in calculations is July 1, 1997 through the end of the period and the frequency of returns used is annually. Annualized Returns in this calculation are net of Swan fees only. Risk Free Return values used in calculations are based on 91 Day Treasury Bill returns for the same period. Values are excluded for the first 3.5 years of Composite implementation (i.e., 1997-2000) to ensure sufficient measurement points for meaningful statistical analysis.

**Currency:** All valuations are computed, and performance reported in US dollars. Past results do not guarantee future performance.

Portfolios in the composite may include non-DRS securities (securities that are not part of the Swan Defined Risk Strategy) that are excluded from composite performance.

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