



SWAN GLOBAL
INVESTMENTS

DIVERSIFYING CASH FLOW: SYSTEMATIC WITHDRAWALS

Exploring alternative ways to
derive cashflow in retirement.

*Swan Defined Risk U.S. Large Cap Composite
vs. S&P 500 Index vs. 60/40 Traditional Portfolio*

DIVERSIFYING CASH FLOW SYSTEMATIC WITHDRAWALS

Retirees need their money to last. Outliving retirement income is a fear of every retiree. Systematic withdrawals from an equity-based investment may help investors seeking to diversify cashflow sources in retirement. The Swan Defined Risk Strategy (DRS) may provide staying power and asset growth, even while taking regular withdrawals from your account.

Defined Risk Strategy vs. S&P 500 vs. 60% S&P 500 / 40% Bloomberg Agg

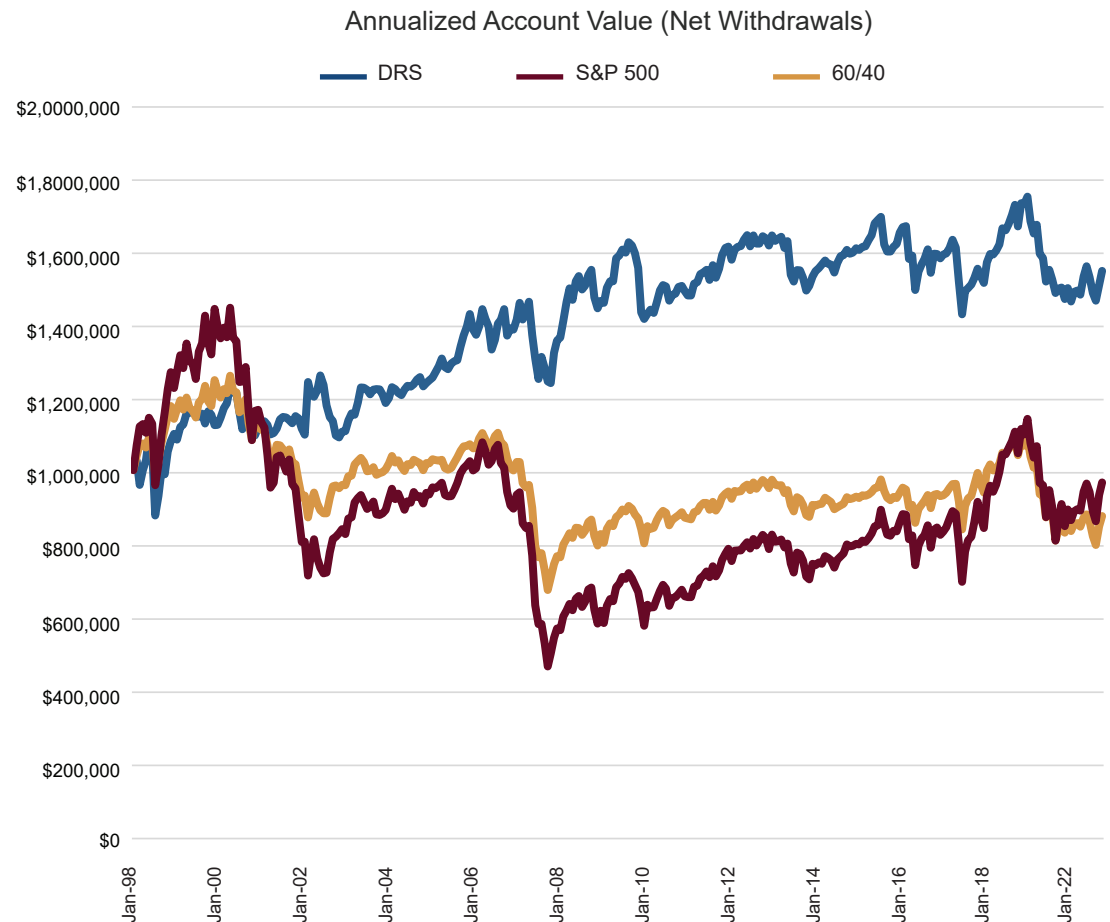
Scenario	Starting Value	Total Withdrawal	Ending Value
Swan Defined Risk Strategy (Net)*	\$ 1,000,000	\$ 1,777,382	\$ 1,551,890
S&P 500 TR	\$ 1,000,000	\$ 1,777,382	\$ 973,741
60/40	\$ 1,000,000	\$ 1,777,382	\$ 881,843
Assumptions			
Starting Value	\$ 1,000,000		
Historical Composite and Index Performance	Supplied		
Initial Withdrawal**	\$ 4,167		
Inflation***	See Footnote Below		
Withdrawal Frequency	Monthly		
Date Range	1/1/98 - 12/31/23		

* All data based on historic performance of the Swan DRS U.S. Large Cap Composite (the "Composite"), net of fees.

** Withdrawals are made at the end of each month. The first withdrawal is \$4,167 (\$50,000 annualized).

*** Each successive month the withdrawal amount is adjusted based on the monthly CPI data reported for that corresponding month. Source: St. Louis Federal Reserve Bank FRED system series CPI-AUCSL, data as of 9/30/2024.

NOTE – this chart is for illustration purposes and not a guarantee of future performance. Therefore, the charts and graphs contained herein should not serve as the sole determining factor for making investment decisions.



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		Swan Defined Risk Strategy (Net)*				S&P 500 Index					60% S&P 500 Index / 40% Bloomberg Aggregate Bond				
Compound Return		6.7%				8.3%					6.9%				
Arith Average Return		6.9%				9.2%					7.2%				
Standard Deviation**		9.0%				15.6%					9.7%				
Cumulative Return		444.8%				695.2%					466.3%				
Portfolio Change		\$2,329,272				\$1,751,123					\$1,659,225				
Year	Return %	Return \$	Annual Inflation+	Annual Withdrawal \$	Ending Value	Return %	Return \$	Annual Inflation+	Annual Withdrawal \$	Ending Value	Return %	Return \$	Annual Inflation+	Annual Withdrawal \$	Ending Value
Initial Value					\$1,000,000					\$1,000,000					\$1,000,000
1998	11.2%	108,316	1.61%	(50,306)	\$1,058,010	28.6%	278,566	1.61%	(50,306)	\$1,228,259	21.0%	204,581	1.61%	(50,306)	\$1,154,275
1999	12.2%	128,098	2.68%	(51,365)	\$1,134,743	21.0%	252,699	2.68%	(51,365)	\$1,429,593	12.0%	135,046	2.68%	(51,365)	\$1,237,956
2000	3.2%	37,290	3.44%	(53,062)	\$1,118,971	-9.1%	(126,805)	3.44%	(53,062)	\$1,249,727	-1.0%	(11,640)	3.44%	(53,062)	\$1,173,254
2001	7.5%	81,330	1.60%	(54,638)	\$1,145,663	-11.9%	(147,420)	1.60%	(54,638)	\$1,047,668	-3.7%	(43,556)	1.60%	(54,638)	\$1,075,060
2002	12.2%	135,833	2.48%	(55,470)	\$1,226,026	-22.1%	(226,452)	2.48%	(55,470)	\$765,746	-9.8%	(103,650)	2.48%	(55,470)	\$915,940
2003	-0.7%	(10,458)	2.04%	(56,765)	\$1,158,803	28.7%	210,148	2.04%	(56,765)	\$919,129	18.5%	163,302	2.04%	(56,765)	\$1,022,477
2004	11.7%	133,129	3.34%	(58,217)	\$1,233,715	10.9%	95,469	3.34%	(58,217)	\$956,381	8.3%	81,596	3.34%	(58,217)	\$1,045,856
2005	6.6%	79,494	3.34%	(60,177)	\$1,253,031	4.9%	44,392	3.34%	(60,177)	\$940,596	4.0%	40,072	3.34%	(60,177)	\$1,025,751
2006	17.1%	208,958	2.52%	(62,158)	\$1,399,832	15.8%	143,154	2.52%	(62,158)	\$1,021,592	11.1%	110,046	2.52%	(62,158)	\$1,073,639
2007	8.2%	111,546	4.11%	(63,859)	\$1,447,519	5.5%	55,930	4.11%	(63,859)	\$1,013,662	6.2%	65,652	4.11%	(63,859)	\$1,075,431
2008	-4.6%	(64,410)	-0.02%	(66,520)	\$1,316,589	-37.0%	(359,849)	-0.02%	(66,520)	\$ 587,294	-22.1%	(228,598)	-0.02%	(66,520)	\$780,313
2009	22.5%	287,215	2.81%	(66,152)	\$1,537,652	26.5%	141,732	2.81%	(66,152)	\$662,874	18.4%	134,784	2.81%	(66,152)	\$848,944
2010	7.9%	116,241	1.44%	(67,310)	\$1,586,582	15.1%	91,345	1.44%	(67,310)	\$686,909	12.1%	97,415	1.44%	(67,310)	\$879,049
2011	-5.2%	(79,817)	3.06%	(69,333)	\$1,437,433	2.1%	14,886	3.06%	(69,333)	\$632,462	4.7%	40,295	3.06%	(69,333)	\$850,012
2012	8.3%	118,003	1.76%	(70,845)	\$1,484,591	16.0%	98,323	1.76%	(70,845)	\$659,941	11.3%	93,957	1.76%	(70,845)	\$873,125
2013	14.2%	205,754	1.51%	(71,897)	\$1,618,447	32.4%	204,078	1.51%	(71,897)	\$792,121	17.6%	147,876	1.51%	(71,897)	\$949,103
2014	6.1%	96,613	0.65%	(73,111)	\$1,641,949	13.7%	103,235	0.65%	(73,111)	\$822,246	10.6%	97,050	0.65%	(73,111)	\$973,042
2015	-2.2%	(35,381)	0.64%	(73,200)	\$1,533,367	1.4%	10,870	0.64%	(73,200)	\$759,916	1.3%	12,252	0.64%	(73,200)	\$912,094
2016	8.9%	132,952	2.05%	(74,042)	\$1,592,277	12.0%	85,257	2.05%	(74,042)	\$771,131	8.3%	72,764	2.05%	(74,042)	\$910,816
2017	11.3%	175,062	2.13%	(75,615)	\$1,691,724	21.8%	161,022	2.13%	(75,615)	\$856,538	14.2%	124,718	2.13%	(75,615)	\$959,920
2018	-7.0%	(114,399)	2.00%	(77,468)	\$1,499,857	-4.4%	(31,780)	2.00%	(77,468)	\$747,290	-2.3%	(19,600)	2.00%	(77,468)	\$862,852
2019	14.7%	216,104	2.32%	(78,852)	\$1,637,109	31.5%	226,416	2.32%	(78,852)	\$894,855	22.2%	185,139	2.32%	(78,852)	\$969,140
2020	2.8%	40,724	1.30%	(79,903)	\$1,597,931	18.4%	149,558	1.30%	(79,903)	\$964,510	14.7%	133,246	1.30%	(79,903)	\$1,022,483
2021	15.4%	240,083	7.18%	(83,251)	\$1,754,764	28.7%	266,389	7.18%	(83,251)	\$1,147,648	15.9%	155,921	7.18%	(83,251)	\$1,095,154
2022	-11.0%	(189,984)	6.41%	(89,963)	\$1,474,817	-18.1%	(203,738)	6.41%	(89,963)	\$853,947	-15.8%	(169,300)	6.41%	(89,963)	\$835,891
2023	12.0%	170,977	3.32%	(93,904)	\$1,551,890	26.3%	213,698	3.32%	(93,904)	\$973,741	17.7%	139,856	3.32%	(93,904)	\$881,843

Source: Zephyr StyleADVISOR and Swan Global Investments. *All data based on historic performance of the Swan DRS US Large Cap Composite. ** Standard Deviation Based on Monthly Returns.+ Annual total inflation is presented along with the annual results above. However, the withdrawal amounts are the sum of monthly withdrawals, which are adjusted based on reported monthly CPI data.

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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.

Minimum account size is \$100,000. Management fee based on account size. Please contact a Swan Global Investments representative for more account and fee details.

Further information is available upon request by contacting the company directly at 970-382-8901 or www.swanglobalinvestments.com.

Global Investment Performance Standards (GIPS®) Report

Year	Swan Global Investments, LLC DRS U.S. Large Cap Composite											S&P 500 ("The Benchmark")					
	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
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
2023	11.96%	547.94%	7.31%	12.64%	714.72%	8.24%	0.33	7.68%	0.58	736 / 403.99	2,105.95	0.42%	26.29%	779.27%	8.55%	17.29%	0.42

Annualized As Of 12/31/2023 Since Inception	Composite		
	Gross Return	Composite Net Return	Benchmark
	8.24%	7.31%	8.55%
10 Year	5.35%	4.72%	12.03%
5 Year	6.92%	6.28%	15.69%
3 Year	5.40%	4.77%	10.00%
1 Year	12.64%	11.96%	26.29%

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.

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

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 (Continued)

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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Leaders in Options Strategies Since 1997