US MARKET PARTICIPATION STRATEGY (MPS)

PGIM QUANTITATIVE SOLUTIONS

March 31, 2025

Investment Objective*

Seeks to provide upside market capture when the US stock market advances, while limiting losses during markets downturns.

Investment Approach

Utilizes long-dated S&P 500 call options in combination with US Treasuries to provide upside participation and downside protection. Exposures (market, volatility and duration) are actively managed in response to the changing market environment.

Key Features

- US large-cap risk mitigation focus
- Thirty year track record (inception January 1992) with no personnel turnover
- Utilizes highly liquid instruments seeking to achieve targeted exposures
- Designed to capture approximately 60% of the S&P 500 Index on the upside, while participating in only 33% of the downside
- Combines quantitative parameters and tactical portfolio manager judgment
- Highly experienced team determines target net exposure, provides oversight and makes continual model enhancements

Experienced Portfolio Management

Devang Gambhirwala, MBA, Portfolio Manager Joel Kallman, MBA, CFA, Portfolio Manager Edward Tostanoski, CFA, Portfolio Manager

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Composite Performance & Risk Statistics - 25 Years											
	MPS Co	MPS Composite									
	Net	Gross									
Return Statistics											
Annualized Return	5.55%	5.96%	7.41%								
Average Month	0.51%	0.54%	0.73%								
Risk Statistics											
Standard Deviation	8.0	8%	15.22%								
Sharpe Ratio	0.	0.51									
Sortino Ratio	0.3	83	0.54								
Maximum Drawdown	-19.	-19.03%									
Beta vs. S&P 500 Index	0.4	0.41									



Past performance is not a guarantee or a reliable indicator of future results.

About PGIM Quantitative Solutions

PGIM Quantitative Solutions is the quantitative equity and multi-asset specialist of PGIM. For 50 years, PGIM Quantitative Solutions has helped investors around the world solve their unique needs by leveraging the power of technology and data as well as advanced academic research. PGIM Quantitative Solutions manages \$104 billion in assets under management as of 03/31/2025.

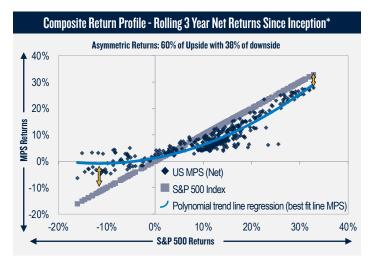
For Professional Investors Only. All investments involve risk, including the possible loss of capital.

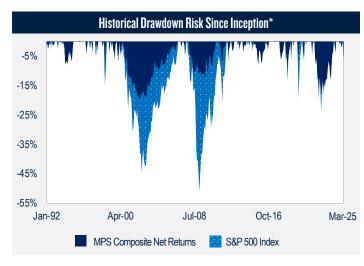
*There is no guarantee that the objective will be met.

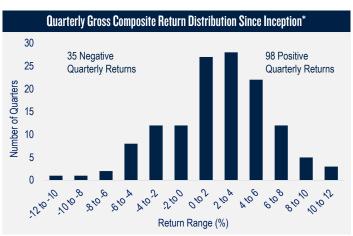
Inception 1/1/1992.

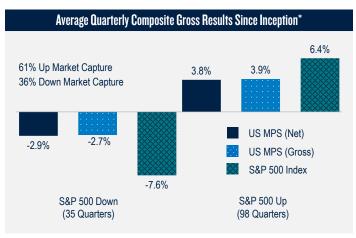
Source: PGIM Quantitative Solutions, S&P Dow Jones Indices LLC, Ibbotson Associates. Characteristics are for the representative portfolio within the composite, and are subject to change. Periods greater than one year are annualized. Standard Deviation is the statistical measurement of dispersion of returns spread around their historical average. Sharpe Ratio uses standard deviation to measure a portfolio's risk adjusted returns. Maximum Drawdown is the maximum drawdown of the peak-to-trough declines during a specific period. Beta shows the volatility of a manager compared to the volatility of a benchmark. Correlation is a statistical measure of how two assets move together.

All data as of 03/31/2025.









Composite Annual Returns (%)

	1992*	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Net Returns	5.38	9.71	-2.56	31.70	19.82	29.96	28.82	9.93	-0.38	-8.35	-3.12	6.58	7.34	2.13	9.16	13.43	-8.10
Gross Returns	5.91	10.26	-2.07	32.34	20.41	30.60	29.45	10.48	0.12	-7.89	-2.63	7.11	7.88	2.65	9.70	13.99	-7.64
S&P 500 Index	7.61	10.08	1.32	37.59	22.96	33.38	28.58	21.04	-9.11	-11.89	-22.10	28.69	10.88	4.91	15.80	5.49	-37.00
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025**
Net Returns	1.78	8.10	3.35	2.24	26.38	11.12	-3.14	5.81	12.64	-3.26	20.92	21.03	18.43	-16.27	14.15	18.08	-3.15
Gross Returns	2.28	8.64	3.86	2.55	26.75	11.45	-2.85	6.13	12.98	-2.97	21.28	21.39	18.78	-16.01	14.48	18.43	-3.07
S&P 500 Index	26.46	15.06	2.11	16.00	32.39	13.69	1.38	11.96	21.83	-4.38	31.49	18.40	28.71	-18.11	26.29	25.02	-4.27

^{*}Inception 1/1/1992. **YTD as of 03/31/2025. Past performance is not a guarantee or a reliable indicator of future results.

For More Information Please Contact:

Brad Zenz (415) 653-3205 brad.zenz@pgim.com

Cyrus Cottin +44 (0) 20 7663 3440 cyrus.cottin@pgim.com **Kevin O'Rourke, CFA, CAIA** (973) 367-5395

kevin.orourke@pgim.com

Chris Jackson +44 (0) 7816 251 048 <u>chris.jackson@pgim.com</u> Derek Towle (781) 910-8236 derek.towle@pgim.com

Notes to Disclosure

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The performance results herein represent the investment performance record for the US Market Participation Strategy Composite managed by PGIM Quantitative Solutions LLC.. Characteristics are for the representative portfolio within the composite and are subject to change. Diversification does not protect against a loss in a particular market; however, it allows you to spread that risk across various asset classes. No investment strategy or risk management technique can guarantee returns or eliminate risk in any market environment.

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