

PERFORMANCE

MPS EQUITY PORTFOLIO PERFORMANCE TABLE to 31st May 2020

MPS performance pre 01.11.2018 is simulated using the IBOSS PMS portfolios

Portfolio	Cumulative Performance							Discrete Annual Performance											Rolling 5 year Data							
	YTD	February 20th 2020 to Date	1 Year	3 Years	5 Years	10 Years	Since Launch*	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Alpha	Beta	Sharpe Ratio	Info Ratio	Vol	Max DD	Downside Capture	
Outperformance																										
Portfolio Equity	-7.47	-9.60	1.19	8.95	35.73	126.69	246.49	33.99	20.78	-10.10	15.30	17.88	6.07	8.79	14.49	19.31	-8.46	19.09	-1.09	0.87	0.36	-0.49	11.93	-19.42	90.59	
IA Benchmark	-1.55	-6.43	7.68	19.91	50.88	138.95	226.11	22.95	15.78	-9.27	9.43	21.65	7.09	2.77	23.33	14.02	-5.72	21.92	0.00	1.00	0.51	0.00	12.87	-15.66	100.00	

Please find the details for the associated benchmarks at the back of this document.

*Since Launch: Launch of PMS Portfolio 01/11/2008

Source of Data:  **FE ANALYTICS**
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The active Managed Portfolio Service (MPS) past performance figures include simulated performance to 1st November 2018. Simulated figures are based on the actual performance figures of the Portfolio Management Service provided by IBOSS Limited. The simulated past performance is not a reliable indicator of future performance.

The Managed Portfolio Service performance is produced using the preferred share classes, this may differ from platform to platform.

The Managed Portfolio Service is shown net of fund fees only, they do not incorporate platform costs, adviser's client fee or DFM service charge.

Ratio Definitions

Alpha - Alpha is a measure of a fund's performance by comparison to its benchmark. It represents the return of the fund when the benchmark is assumed to have a return of zero and indicates the extra value a manager's activities have contributed: if the Alpha is 5, the fund has outperformed its benchmark by 5%. A further aspect of Alpha emerges when it is taken in conjunction with Beta. If a strong R-Squared correlation exists, the Beta will show how volatile the fund is compared to its benchmark and indicate how much extra risk the manager has taken on in order to get that high-Alpha performance. So, Alpha indicates better/worse performance compared with the index, whilst Beta shows higher/lower risk.

Beta - Beta is the estimate of a fund's volatility by comparison to its benchmark, i.e. how sensitive the fund is to movements in the section of the market that comprises the benchmark. A fund with a Beta close to 1 means that the fund will generally move in line with the benchmark. Higher than 1 and the fund is more volatile than the benchmark, so that with a Beta of 1.5, say, the fund will be expected to rise or fall 1.5 points for every 1 point of benchmark movement. It's important to stress that Beta is just an estimate: however, the stronger the R-Squared correlation between fund and benchmark, the more reliable this estimate becomes.

Sharpe Ratio - This is a commonly used measure that calculates the level of a fund's return over and above the return of a notional risk-free investment, such as cash or government bonds. The difference in returns is then divided by the fund's standard deviation (volatility). The resulting ratio is an indication of the amount of excess return generated per unit of risk. In general, it is considered that the higher the Sharpe ratio, the better.

Information Ratio - So called because it assesses the degree to which a manager uses skill and knowledge to enhance returns, this is a versatile and useful risk-adjusted measure of actively managed fund performance. It is calculated by deducting the returns of the fund's benchmark from the fund's overall returns, then dividing the result by its Tracking Error (which is a measure of the volatility of those excess returns). In this way, we arrive at the value, per unit of extra risk assumed, that the manager's decisions have added to what the market would have delivered anyway. The higher the Information Ratio the better. As ever, the R-squared between the fund and its benchmark must be strong if any discrete reliance is to be placed on the Information Ratio.

Volatility - Standard deviation is a statistical measurement which, when applied to an investment fund, expresses its volatility, or risk. It shows how widely a range of returns varied from the fund's average return over a particular period. Low volatility reduces the risk of buying into an investment in the upper range of its deviation cycle, then seeing its value head towards the lower extreme. For example, if a fund had an average return of 5%, and its volatility was 15, this would mean that the range of its returns over the period had swung between +20% and -10%. Another fund with the same average return and 5% volatility would return between 10% and nothing, but there would at least be no loss. While volatility is specific to a fund's particular mix of investments, and comparison to other portfolios is difficult, clearly, for those that offer similar returns, the lower-volatility funds are preferable. There is no point in taking on higher risk than necessary in order to achieve the same reward.

Maximum Drawdown - Represents the worst possible return over a period, e.g. buying at the maximum price over the period and selling at the worst.

The Downside Capture Ratio - shows the fund's performance in a down market relative to the benchmark. A Downside Capture Ratio that is less than 100% demonstrates that when the market went down the fund caught only a fraction of the losses, and the lower the down capture the better. E.g. If a fund has a Downside Capture Ratio of 85% this tells us that the fund captured only 85% of the benchmark's negative performance during a down market. The ratio is calculated by taking the funds downside capture returns and dividing it by the benchmark's downside capture returns over the same time period.

BENCHMARKS

Portfolio	Benchmark
0	70% IA Mixed Investment/0%-35% Shares/ 30% Composite IA Money Market
1	IA Mixed Investment 0%-35% Shares
2	IA Mixed Investment 20%-60% Shares
3	50% IA Mixed Investment 20%-60% Shares/ 50% IA Mixed Investment 40%-85% Shares
4	IA Mixed Investment 40%-85% Shares
5	50% IA Mixed Investment 40%-85% Shares/ 50% IA Flexible Investment
6	IA Flexible Investment
Equity	IA Global

NB. MPU Figures are calculated on a Total Return basis - Total return shows the total return of the instrument with all income reinvested, assuming income is taxed at basic rates of income tax.

IMPORTANT INFORMATION

IBOSS Asset Management is authorised and regulated by the Financial Conduct Authority. Financial Services Register Number 697866.

Past Performance is no guarantee of future performance. 'The performance of the IBOSS PMS Portfolios is not a guide to the potential performance of the discretionary MPS Portfolios. The value of an investment and the income from it can fall as well as rise and investors may get back less than they invested. Quoted yields are based on the 12 months distributions by the funds in the portfolios and are not guaranteed. Future distributions may differ and will be subject to market factors. Risk factors should be taken into account and understood including (but not limited to) currency movements, market risk, liquidity risk, concentration risk, lack of certainty risk, inflation risk, performance risk, local market risk and credit risk. This communication is designed for Professional Financial Advisers only and not approved for direct marketing with individual clients. It does not purport to be all-inclusive or contain all of the information which a proposed investor may require in order to make a decision as to whether to invest in the Fund. Nothing in this document constitutes a recommendation suitable or appropriate to a recipient's individual circumstances or otherwise constitutes a personal recommendation. It is the responsibility of the Financial Adviser to ensure they are satisfied with the research undertaken by IBOSS Asset Management Limited in relation to the investments included within each model portfolio of the discretionary MPS. Data is provided by Financial Express (FE). Care has been taken to ensure that the information is correct but FE neither warrants, neither represents nor guarantees the contents of the information, nor does it accept any responsibility for errors, inaccuracies, omissions or any inconsistencies herein. Please note FE data should only be given to retail clients if the IFA firm has the relevant licence with FE.

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