

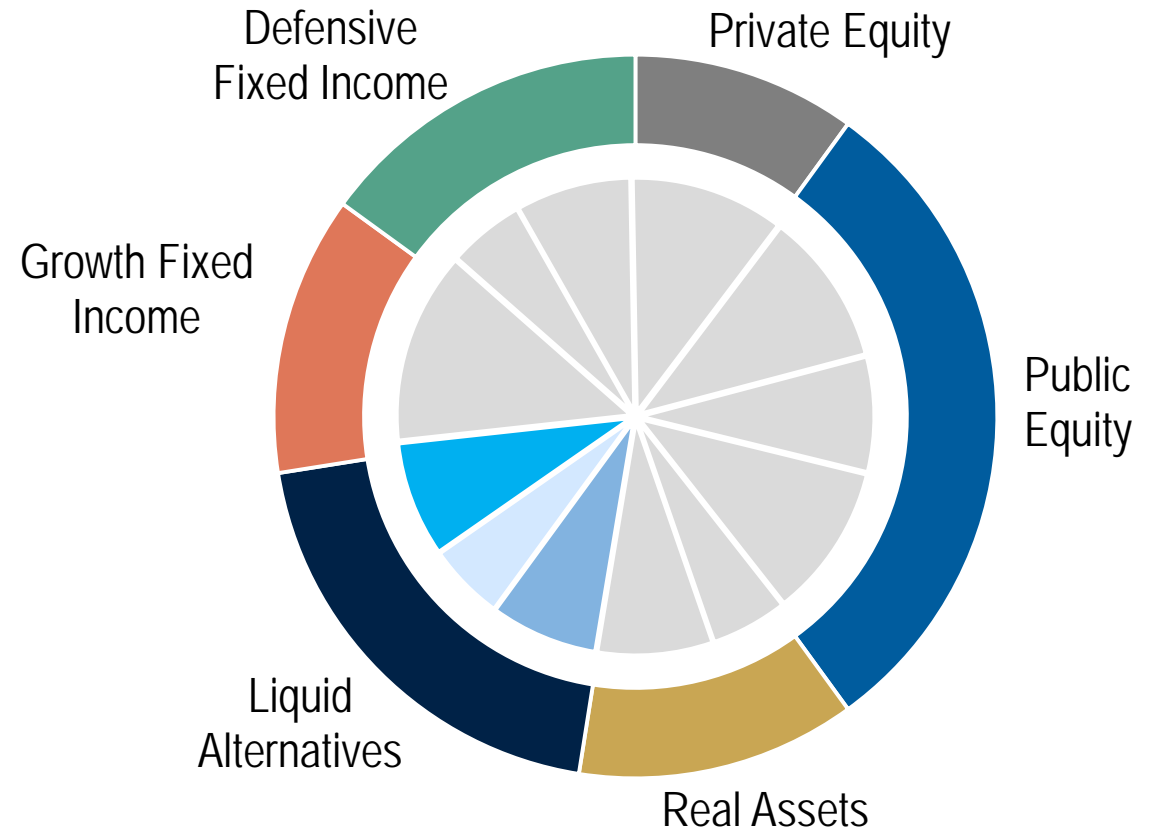


WHY INVEST IN LIQUID ALTERNATIVES?

The Role of Liquid Alternatives

- Strong risk return profile
- Lower portfolio volatility
- Low correlation with other asset classes
- Liquidity
- Downside Protection

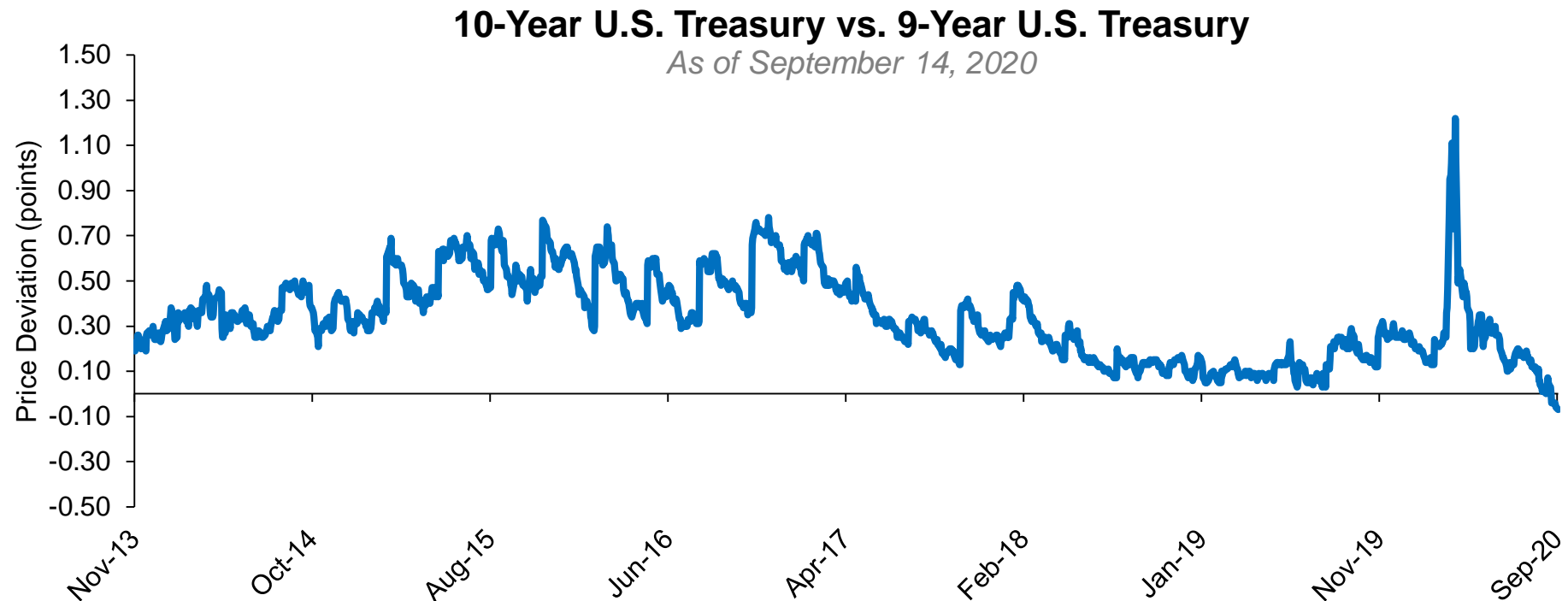
Applications Within a Broader Strategy



Please see 'Notes to Disclosure' page for Important Information including risk factors and other disclosures.
Source: QMAW. For informational purposes only. There is no guarantee these objectives will be achieved.

10-Year Liquidity Premium

Newly Issued On-The-Run 10-Year Treasury Bonds Exhibit Liquidity Premium Versus Off-The-Run 9-Year Treasury Bonds

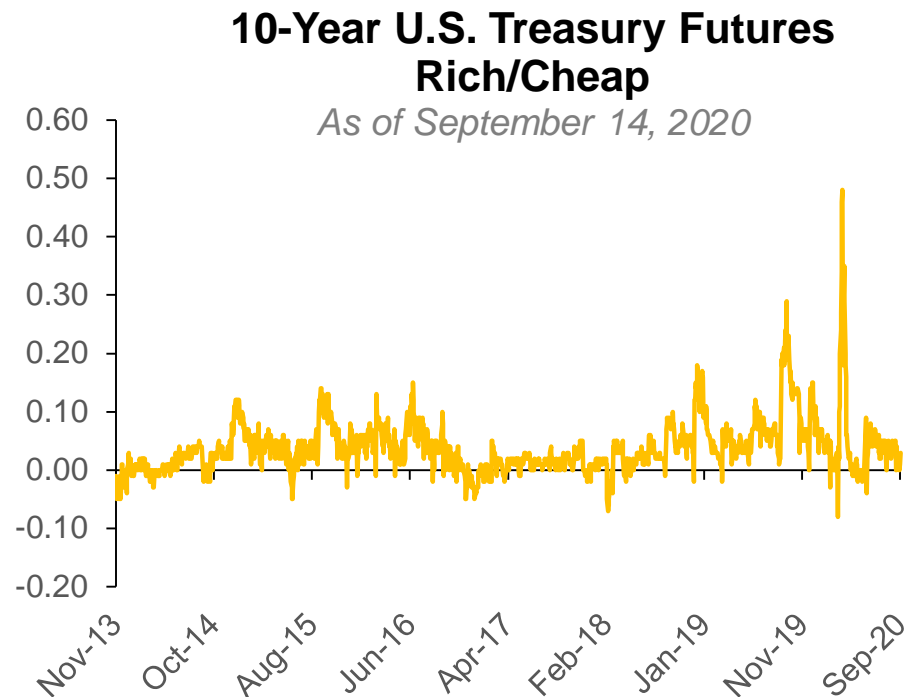


Source: PGIM Fixed Income

CONFIDENTIAL—NOT FOR FURTHER DISTRIBUTION.

U.S. & German 10-Year Front Futures Contracts Rich/Cheap

The Price of a Future and its Deliverable Basket of Government Bonds Can Diverge Prior to Delivery, Creating an Arbitrage Opportunity



Source: PGIM Fixed Income

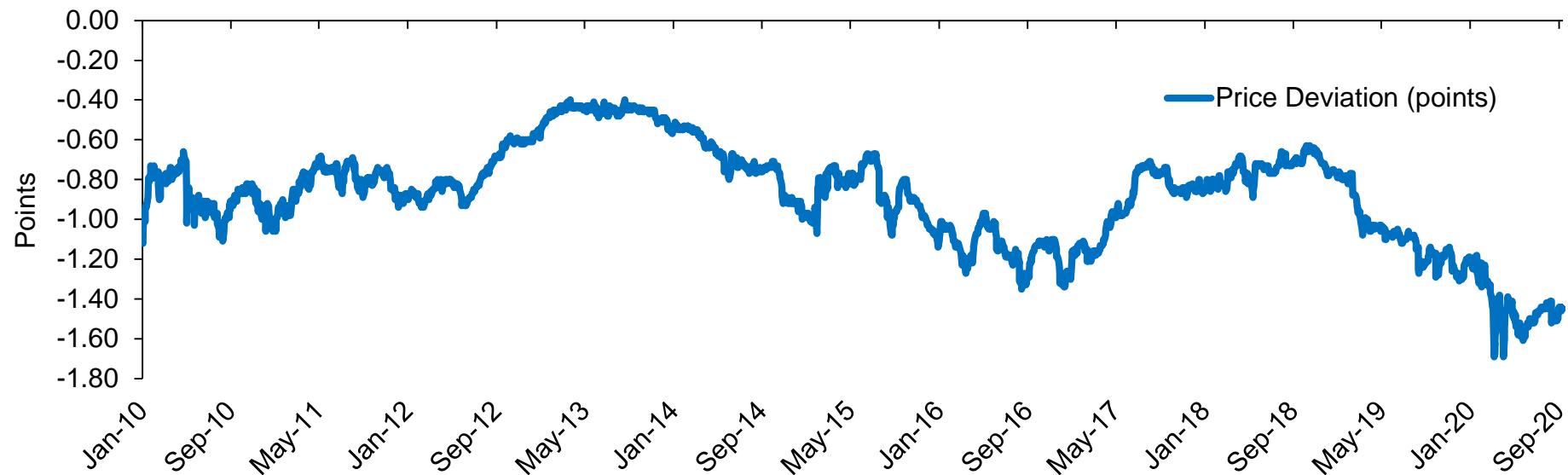
CONFIDENTIAL—NOT FOR FURTHER DISTRIBUTION.

U.S. Treasury Optimal Fundamental Value

Structural Dislocations and Embedded Value in The Treasury Market at Near Record Highs Since the 2008 Financial Crisis

Optimal Model Portfolio: Price Deviation

As of September 14, 2020

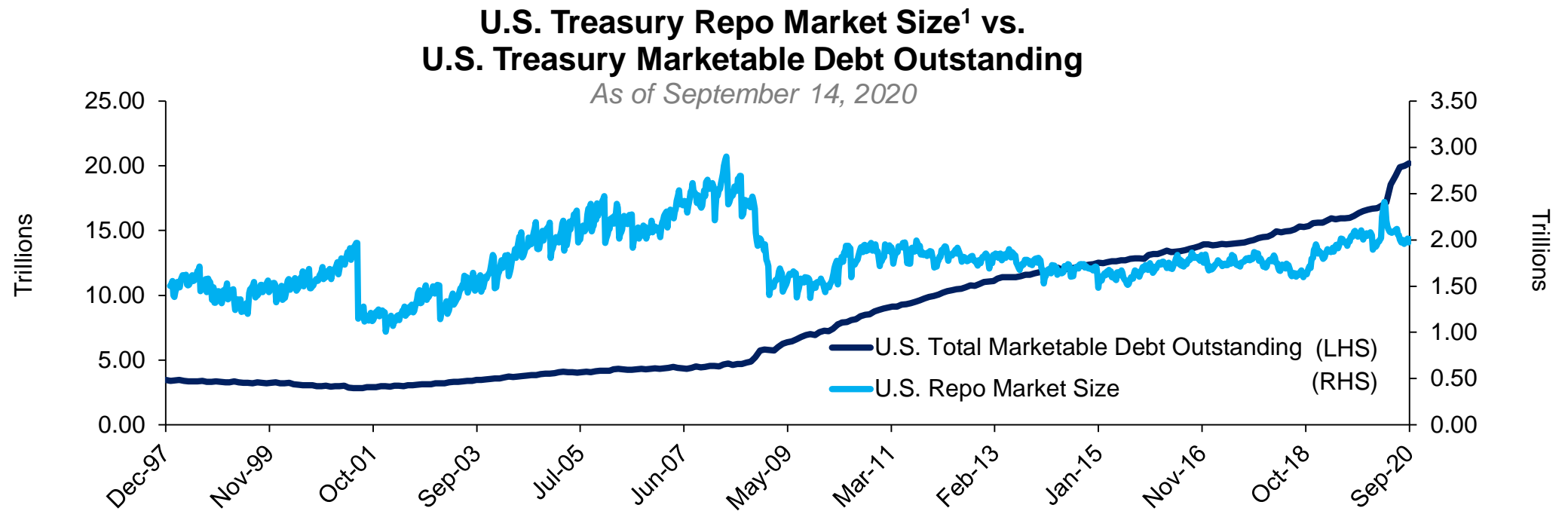


Source: PGIM Fixed Income. The U.S. proprietary yield curve model derives an "optimal" long versus short portfolio that is neutral to the systematic parameters of the underlying model. Positions are scaled according to the overall level of value determined, as well as expected mean reversion speed.

CONFIDENTIAL—NOT FOR FURTHER DISTRIBUTION.

Availability of Financing

The Treasury Market Has Grown Consistently Over The Last Decade and Increasingly so This Year While The Repo Market Has Remained Constant



Source: U.S. Treasury & Federal Reserve Bank of New York. ¹U.S. Repo Market Size includes securities lent for data consistency.

CONFIDENTIAL—NOT FOR FURTHER DISTRIBUTION.

The Role of Liquid Alternatives

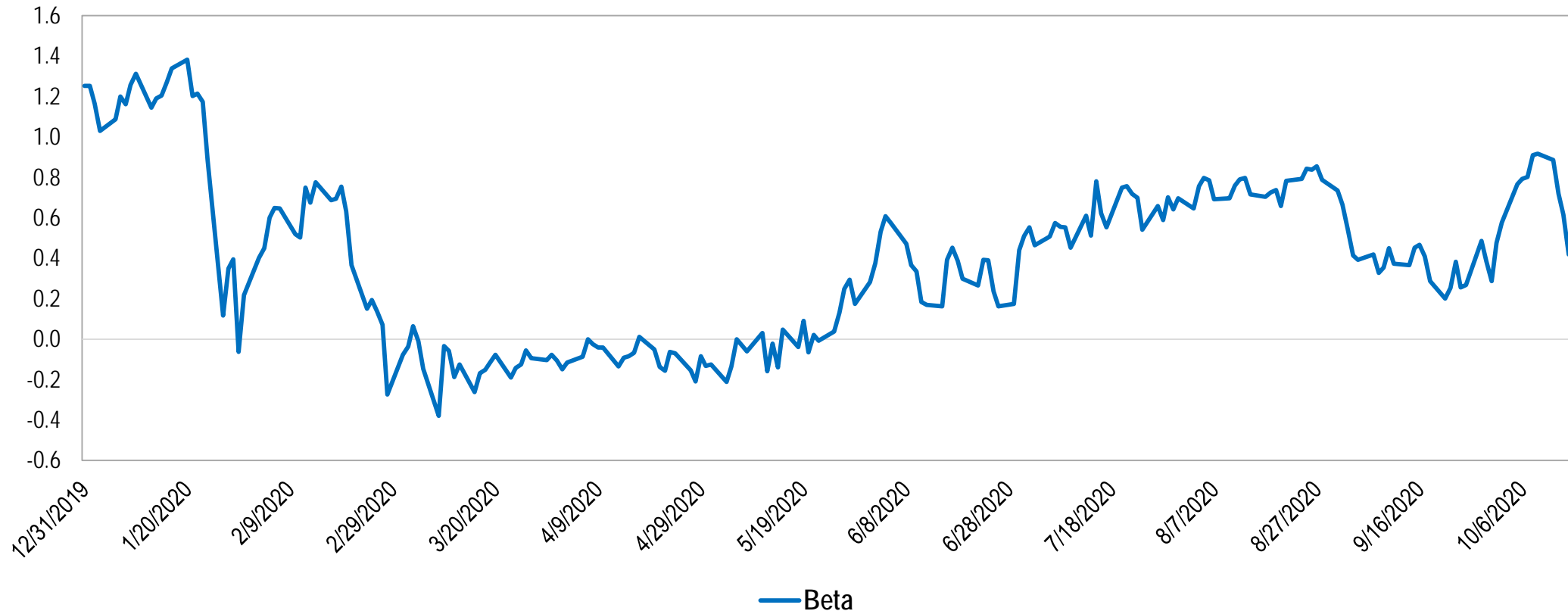
- Multi-Asset, Liquid, Absolute Return (& Systematic)
- Dynamic Asset Allocation
- Diversifying vs Equity and Bonds
- Drawdown Aware - Capital Preservation Focus

Please see Notes to Disclosure page for Important Information including risk factors and other disclosures.

Sources: QMAW

Dynamic Asset Allocation - Case Study H1 2020

Trend Plus Strategy's Equity Beta in 2020¹



Past performance is not a guarantee or reliable indicator of future results. Please see Notes to Disclosure page for Important Information including risk factors and other disclosures.

¹Notes: The Equity Exposure represents the % impact on the portfolio P&L of a 1% rise in all equity prices, assuming other prices unchanged. So, if equity prices rise by 1%, an equity exposure of 1, would result in a Trend Plus return of 1%. The Portfolio Beta represents the % impact on the strategy P&L of a 1% rise in all equity prices, including the impact on other asset prices, as predicted by recent correlations, using Riskmetrics estimates.

Source: RiskMetrics and QMAW. The chart runs from 31 December 2019 to 16 October 2020. There are no guarantees that these estimates will be met.

60/40 Drawdowns and Managed Futures Performance

| Periods of biggest 1-year losses in 60/40 portfolio | 1-Year Returns (%) | |
|-----------------------------------------------------|---------------------------------------------------------------|-----------------|
| | Portfolios w/ 60% in US equities and 40% in US Treasury bonds | Managed Futures |
| September 1974 | -24.7 | 40.0 |
| February 1978 | -3.9 | 32.1 |
| March 1982 | -3.2 | 27.3 |
| June 1984 | -2.1 | -0.5 |
| August 1988 | -8.0 | 32.8 |
| September 1990 | -2.5 | 27.1 |
| January 1995 | -0.4 | 11.6 |
| September 2001 | -12.5 | 22.3 |
| March 2003 | -10.8 | 31.4 |
| February 2009 | -26.2 | 5.8 |

Past performance is not a guarantee or reliable indicator of future results. There is no current QMAW client portfolio with this composition of assets. Please see Notes to Disclosure page for Important Information including risk factors and other disclosures.

The 60/40 equity bond portfolio uses the MSCI total returns index for the US and the Barclays US Treasury Bond Index for the bonds. For managed futures, we used the CISDM CTA Asset Weighted Index, the DJ CS Managed Futures Index and, in order to go back before 1979, we rely upon the Campbell and Company Composite Index. Does not constitute investment advice and should not be used as the basis for any investment decision.

Source: MSCI, Bloomberg and QMAW.

For illustrative purposes only. MSCI has not approved, reviewed or produced this report, makes no express or implied warranties or representations and is not liable whatsoever for any data in the report. You may not redistribute the MSCI data or use it as basis for other indices or investment products. Please see 'Notes to Disclosure' page for additional MSCI disclosures.



THANK YOU