

Understanding Liquidity Risk A few basics

The purpose of this document is to explain to you what safeguards we employ as an asset manager in order to mitigate liquidity risk within the funds we manage. Investing in funds means that your capital may be at risk and you may not get back the original amount invested.

The importance of liquidity

Liquidity risk is inherent in all investment products, however its multifaceted nature can make it difficult to grasp as a concept. In simple terms, liquidity of investments refers to the ease with which one can sell assets they are invested in, and the value they are likely to derive from that sale.

Liquidity of a fund ultimately depends on the liquidity of its underlying assets.

For example, in times of market stress it may be more difficult to sell an asset quickly (at the last traded price). As a result, the price received may be lower than expected. As each fund consists of multiple assets, these changes are reflected in the price (and short term performance) of the fund.

HSBC principles in managing liquidity risk

We apply two broad principles to our management of liquidity risk:

- To meet fiduciary obligations defined in client agreements and statutory fund documents (e.g. prospectus). As a client, you place trust and confidence in us to manage and protect your investments, we have an obligation to act in your best interest
- To ensure all decisions and actions are fair to all investors

In the case of open-ended collective funds, this means having mechanisms in place to fairly protect the interests of investors who intend to remain invested from the effect of investors creating or redeeming from a fund.

For instance, in order to meet these objectives, we may temporarily delay redemptions by clients, or introduce a 'fair value price adjustment'. These price adjustments aim to protect remaining investors from some of the performance dilution they may suffer as a result of significant net inflows or outflows in a fund.

In the most extreme circumstances a fund may be suspended and not allow investors to redeem their funds for some time. This is rare and is sometimes referred to as gating. The most recent example of gating was a decision by several UK property fund managers to close their funds to creations and redemptions in the weeks following the EU referendum, partly because of unexpectedly high redemption requests but also because of concerns relating to the pricing of their underlying investments. These suspensions were removed once it was determined that it was in the interests of all investors.

A couple of definitions

Liquidity

A measure of how easily an investment can be converted to or from cash without experiencing significant losses of capital and/or income in the process or entry/exit barriers.



The liquidity management process is designed to manage the liquidity risk inherent within the underlying assets.

When relevant, we use price adjustments for large subscriptions or redemptions. This means the fund's price can be adjusted when activity on a dealing day is in excess of a predetermined threshold. The goals is to mitigate the potential impact of significant subscriptions and redemptions for existing fund holders.



HSBC approach in managing liquidity risk

The chart below illustrates the process by which we manage the impact of liquidity risk under 'Normal', 'Stressed' and 'Extreme' conditions and how temporary suspensions are subsequently lifted.

Normal conditions:

Market is functioning normally without abrupt changes in price and normal levels of redemptions and creations.

- **Pricing:** no adjustments over and above swing factor for large redemptions/creations
- Payment of redemptions: on normal settlement date





Lifting of temporary suspension:

Majority of market returns to functioning normally and manager is able to sell and purchase assets near quoted market prices.

- Pricing: fair value adjustments may still be applied although on a smaller proportion of assets.
- **Payment of redemptions:** Redemptions received during the temporary suspension period are consolidated and processed on the first trading day of the unsuspended fund. They are then paid on normal settlement date.

Market conditions

Stressed conditions:

Unexpected market announcements (or events) cause large market fluctuations combined with increased levels of redemptions.

- Pricing: depending on the situation and if the markets remain open, there is an increased probability of a fair value adjustment being applied to some assets
- Payment of redemptions: on normal settlement date



Extreme conditions:

Prolonged market closure (or suspension of securities) for a significant portion of the assets of the fund.

- Pricing: fair value adjustments are likely to be applied to the stale security prices to reflect the expectation of the current value of the underlying assets
- Payment of redemptions: in this extreme situation, the fund may be temporarily suspended. Redemptions to that point will be paid on normal settlement, although future redemption requests will only be processed once the fund re-opens



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