

# MSCI Liquidity Risk Monitor Special Report

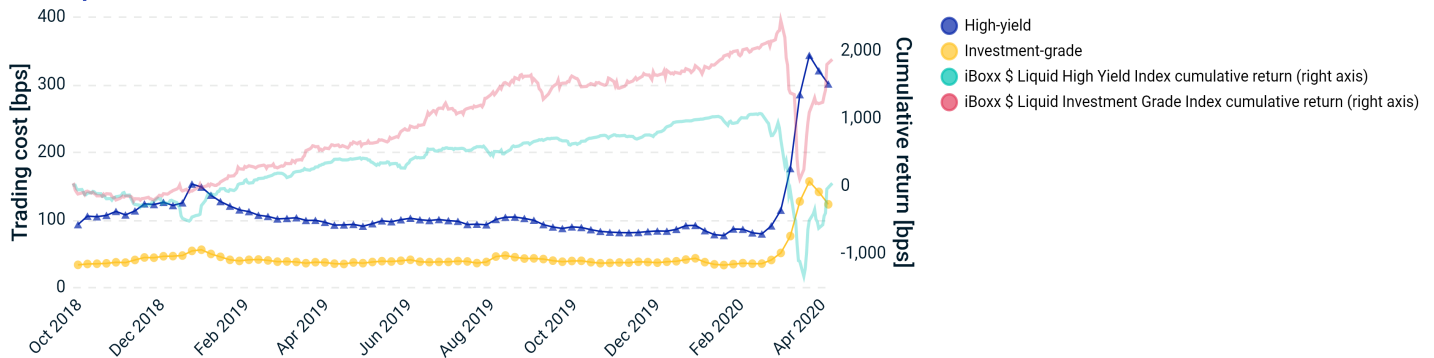
Data through April 10, 2020

Weekly report highlighting the behavior of key liquidity indicators during the COVID-19 global crisis

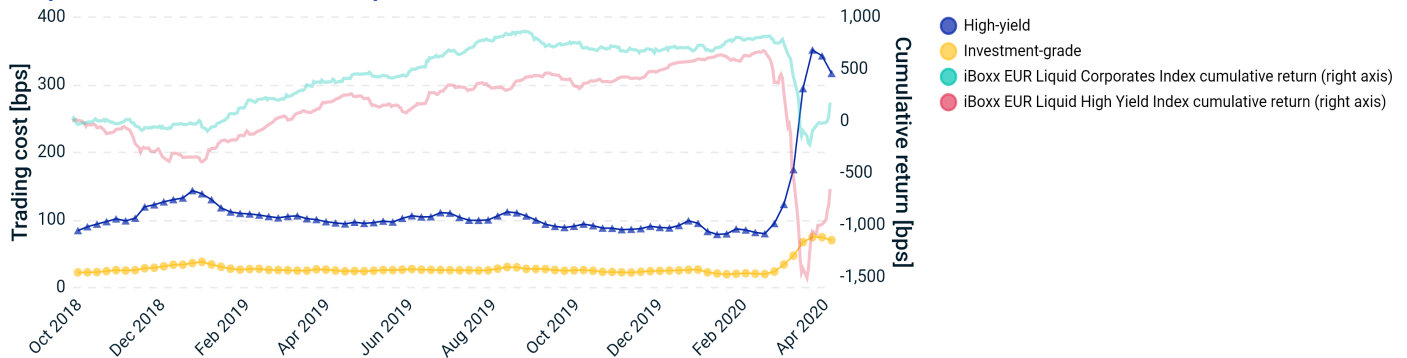
## Cost of forced selling of USD 10 million

- Transaction costs for both investment-grade and high-yield corporate bonds have decreased further across all markets since last week.
- Price discovery has improved significantly as the dispersion of quoted prices have markedly decreased. Market-making activity has also increased slightly over the last week.
- The observed improvement in trends is somewhat more pronounced for U.S. corporate bonds than for other developed countries and emerging markets.

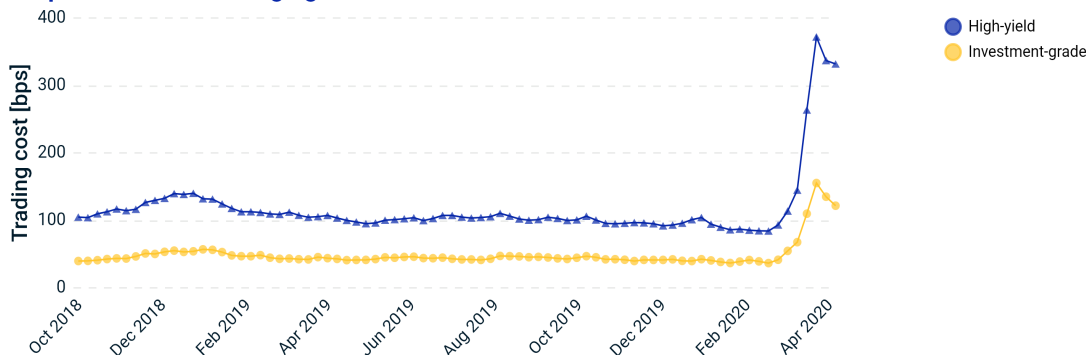
### US corporate bonds



### Corporate bonds - non-US developed countries



### Corporate bonds - emerging countries



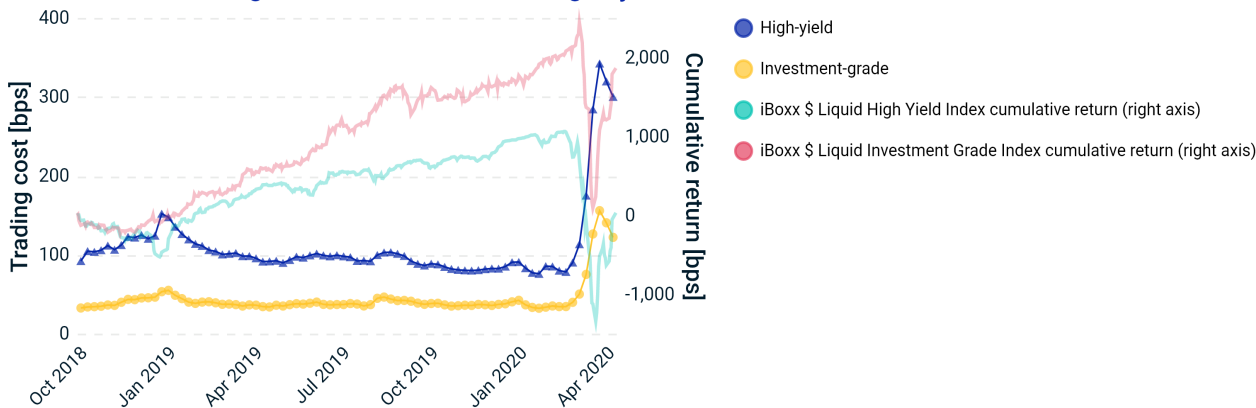
# MSCI Liquidity Risk Monitor Special Report

Data through April 10, 2020

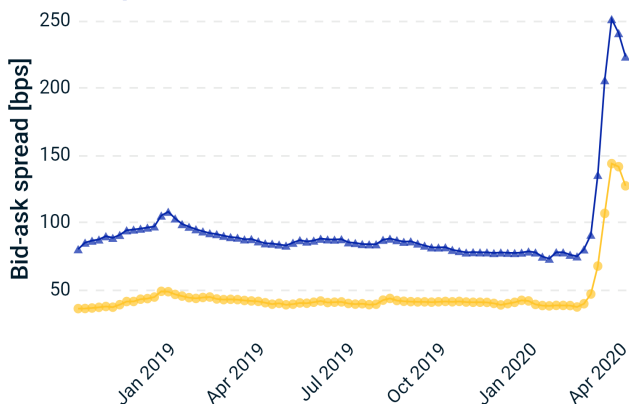
Weekly report highlighting the behavior of key liquidity indicators during the COVID-19 global crisis

## US corporate bonds

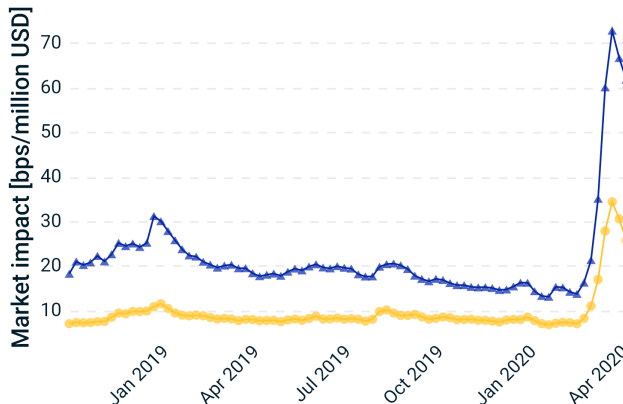
### Cost of forced selling of USD 10M in one trading day



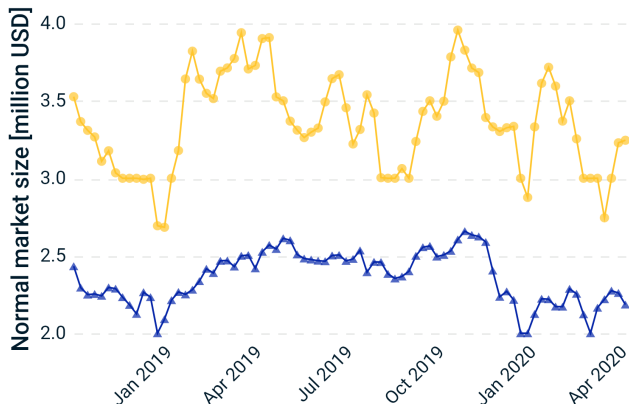
### Bid-ask spread



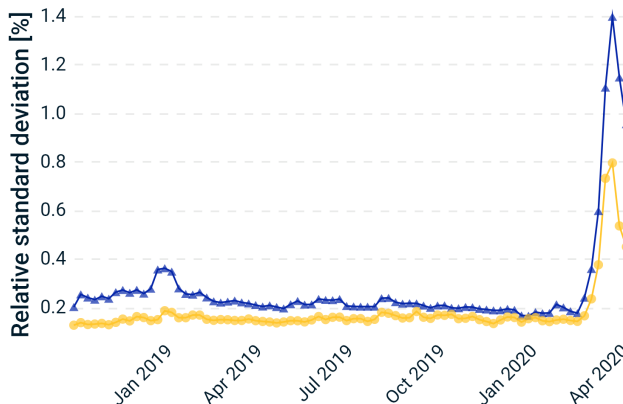
### Market impact



### Depth at best price



### Quoted price uncertainty



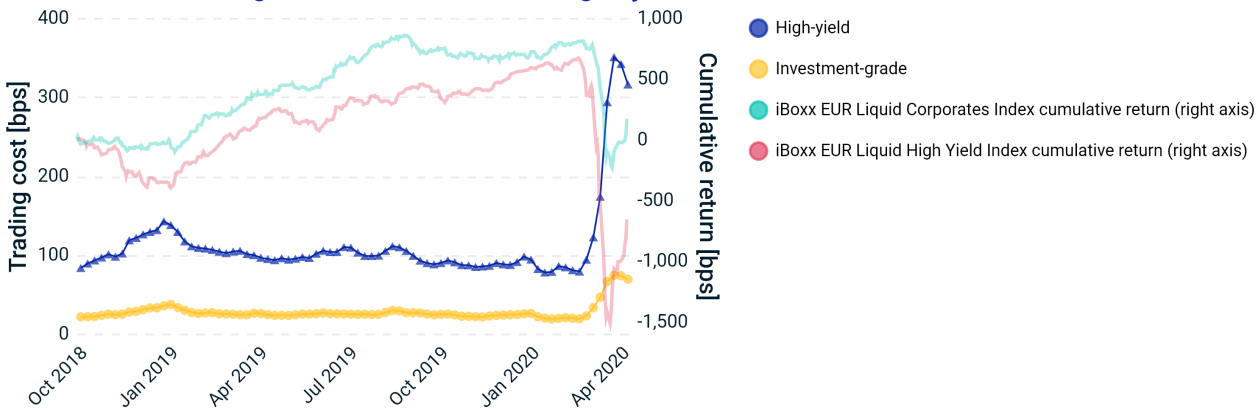
# MSCI Liquidity Risk Monitor Special Report

Data through April 10, 2020

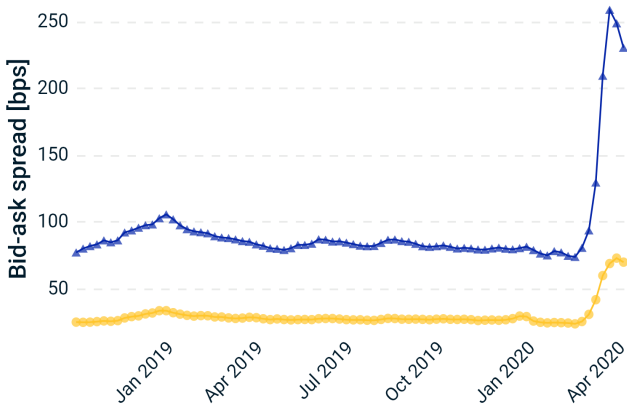
Weekly report highlighting the behavior of key liquidity indicators during the COVID-19 global crisis

## Corporate bonds - non-US developed countries

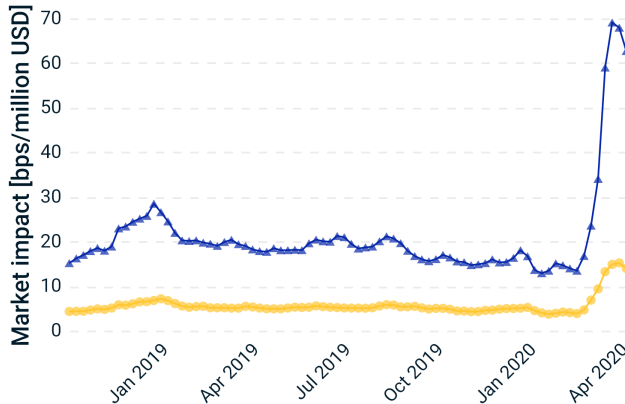
### Cost of forced selling of USD 10M in one trading day



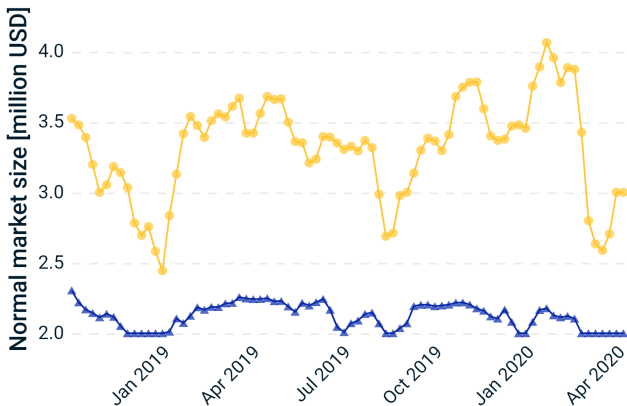
### Bid-ask spread



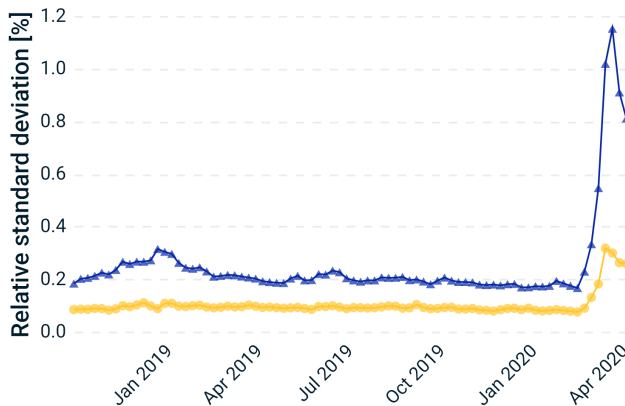
### Market impact



### Depth at best price



### Quoted price uncertainty



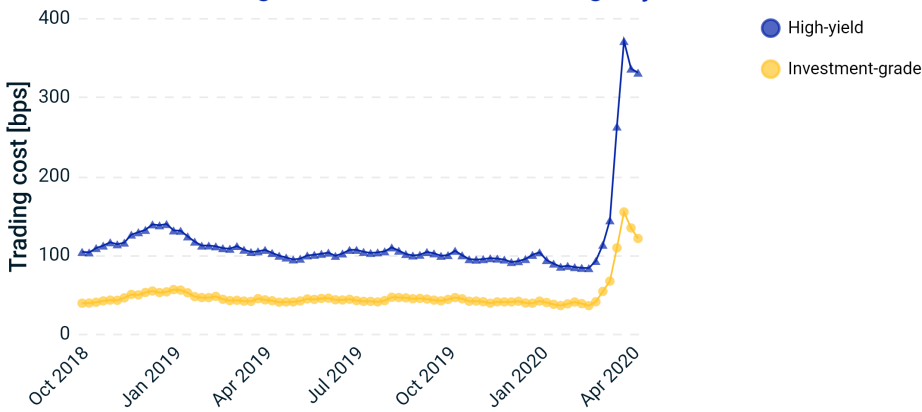
# MSCI Liquidity Risk Monitor Special Report

Data through April 10, 2020

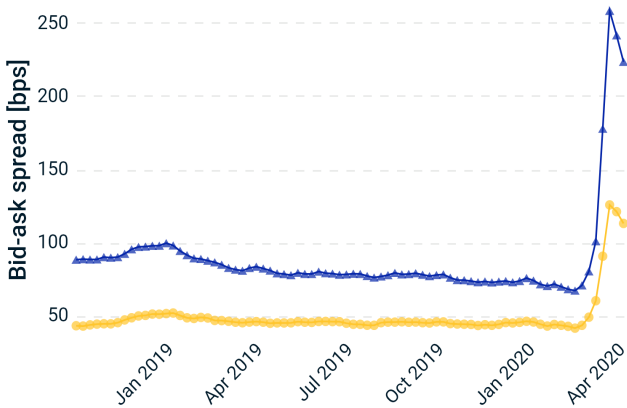
Weekly report highlighting the behavior of key liquidity indicators during the COVID-19 global crisis

## Corporate bonds - emerging countries

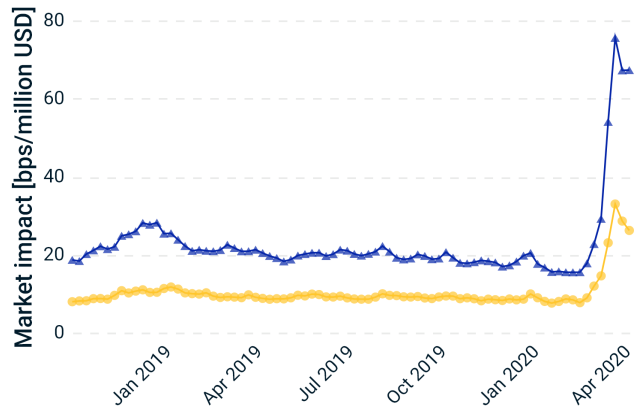
### Cost of forced selling of USD 10M in one trading day



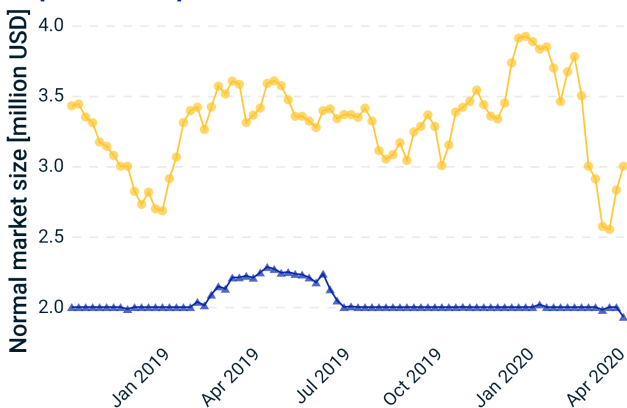
### Bid-ask spread



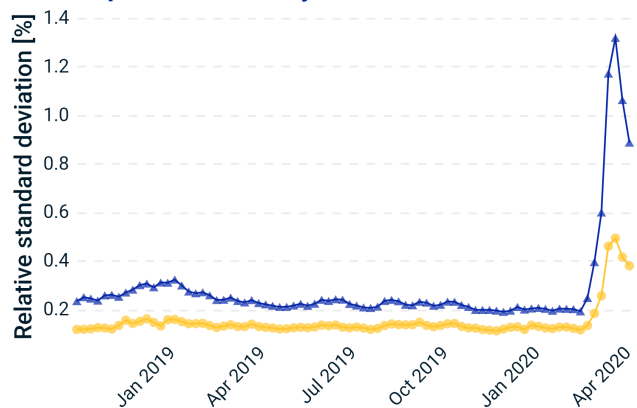
### Market impact



### Depth at best price



### Quoted price uncertainty



# MSCI Liquidity Risk Monitor Special Report

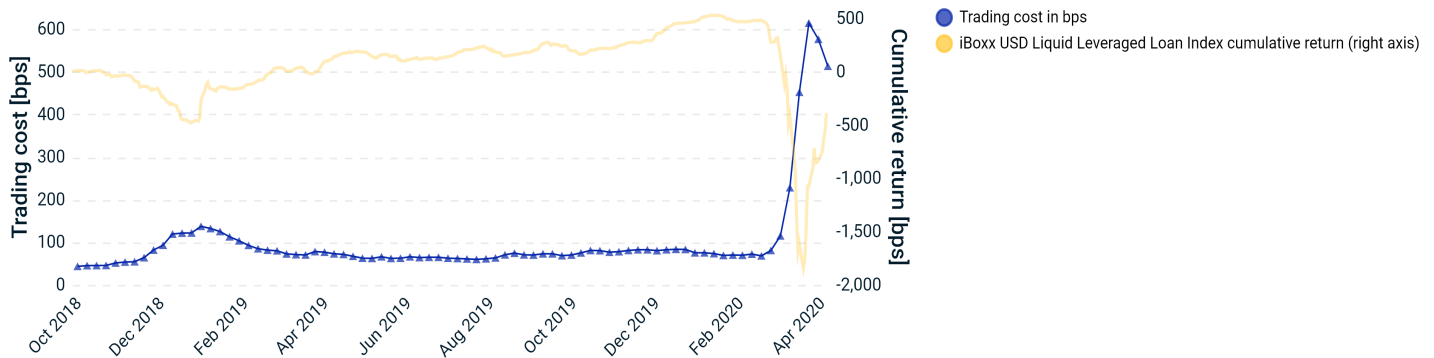
Data through April 10, 2020

Weekly report highlighting the behavior of key liquidity indicators during the COVID-19 global crisis

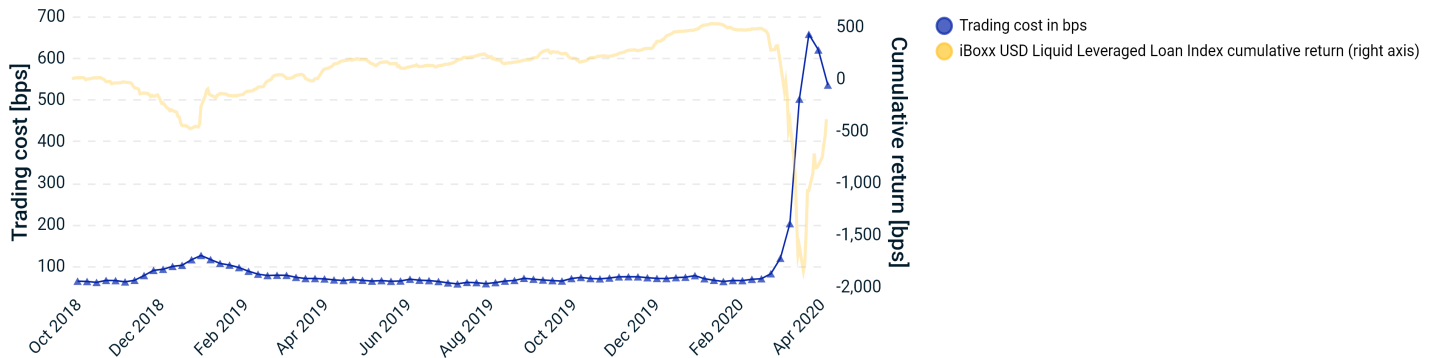
## Cost of forced selling of USD 10 million

- Bid-ask spreads and market impact have decreased for bank loans across all markets.
- A significant improvement is observed in price discovery with decreasing uncertainty of quoted prices. The average number of dealers quoting instruments has also increased slightly.
- The improvements in liquidity show very similar trends for U.S. and non-U.S. bank loans.

### US bank loans



### Non-US bank loans



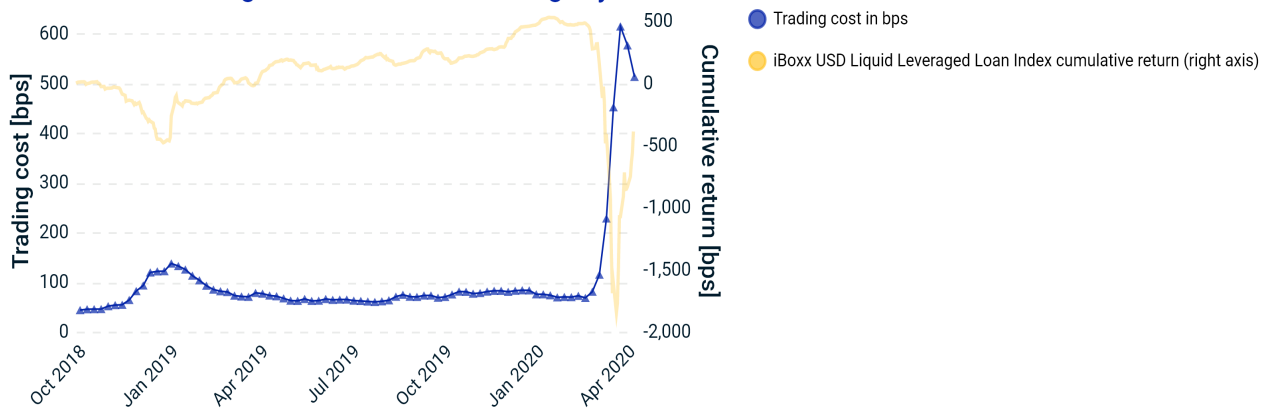
# MSCI Liquidity Risk Monitor Special Report

Data through April 10, 2020

Weekly report highlighting the behavior of key liquidity indicators during the COVID-19 global crisis

## US bank loans

### Cost of forced selling of USD 10M in one trading day



### Bid-ask spread



### Market impact



### Depth at best price



### Quoted price uncertainty



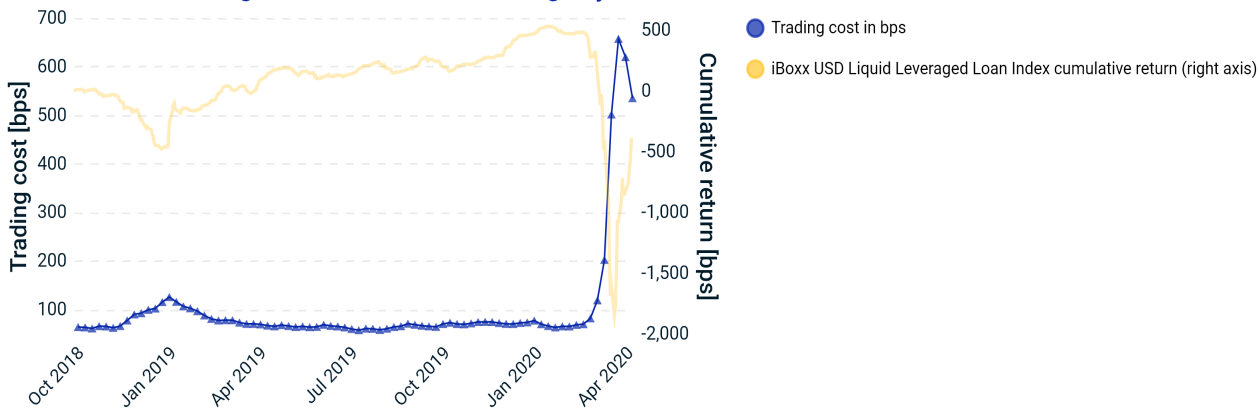
# MSCI Liquidity Risk Monitor Special Report

Data through April 10, 2020

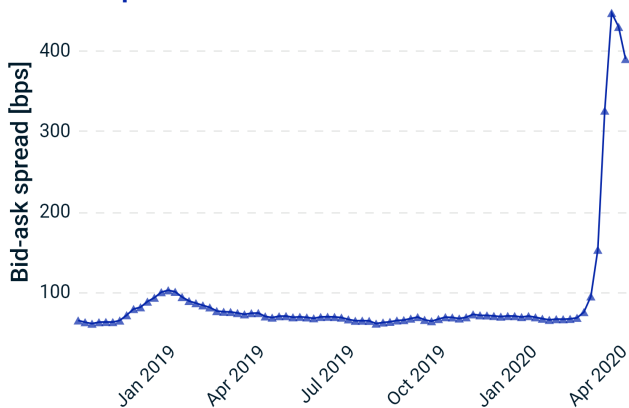
Weekly report highlighting the behavior of key liquidity indicators during the COVID-19 global crisis

## Non-US bank loans

### Cost of forced selling of USD 10M in one trading day



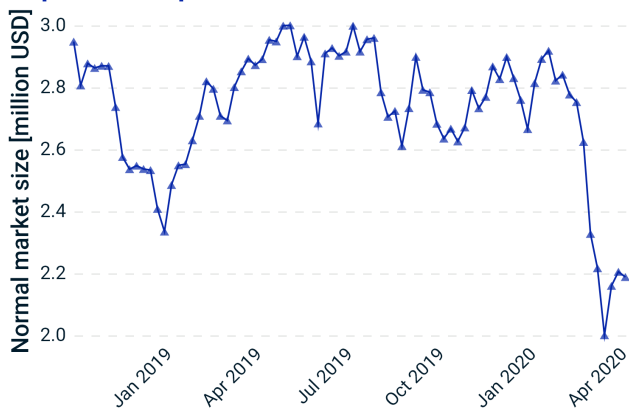
### Bid-ask spread



### Market impact



### Depth at best price



### Quoted price uncertainty

