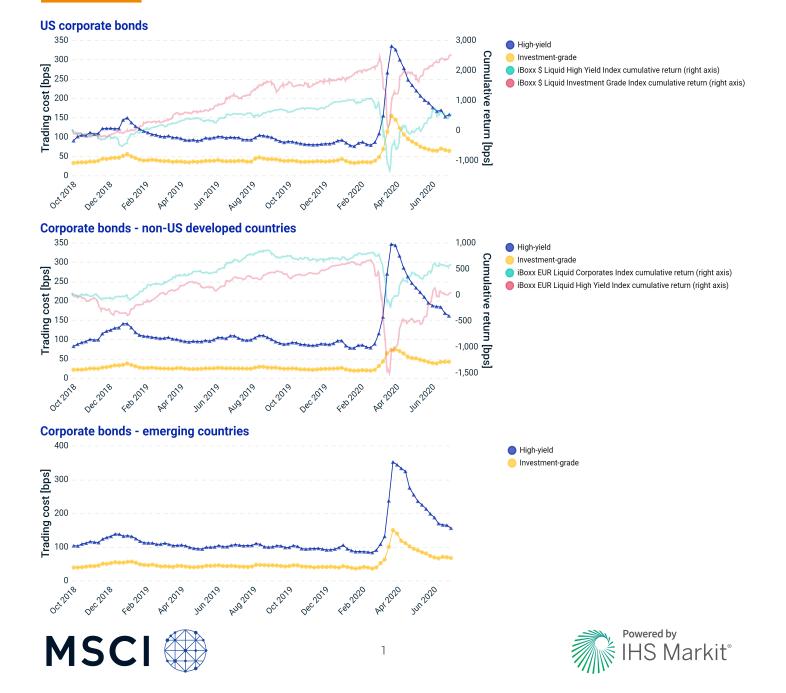
Data through July 2, 2020

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 as well as market impact have increased for U.S. corporate bonds, resulting in a small increase in transaction costs.
- For non-U.S. developed countries and emerging markets the transaction costs have slightly decreased for both high-yield and investment-grade corporate bonds.
- The dispersion of quoted prices has decreased slightly across all regions for both high-yield and investment-grade bonds.



Data through July 2, 2020

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

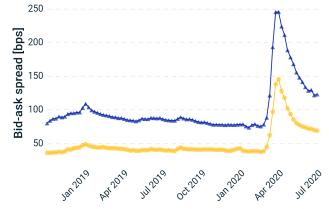
US corporate bonds



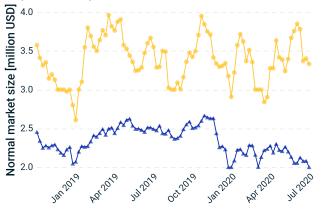
High-yield

- 😑 Investment-grade
- iBoxx \$ Liquid High Yield Index cumulative return (right axis)
- iBoxx \$ Liquid Investment Grade Index cumulative return (right axis)

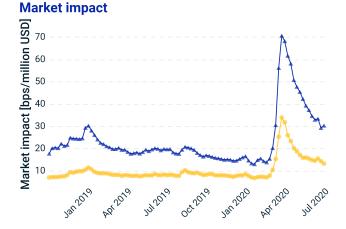
Bid-ask spread



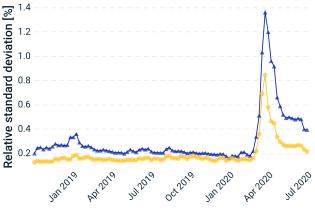
Depth at best price







Quoted price uncertainty

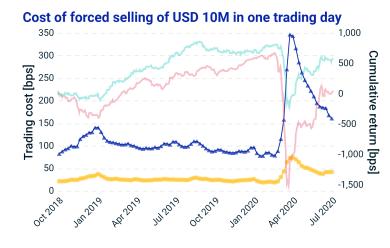




Data through July 2, 2020

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

Corporate bonds - non-US developed countries



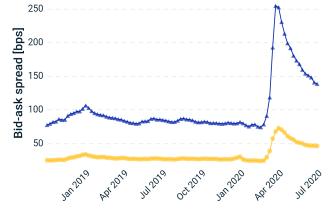
🔵 High-yield

Investment-grade

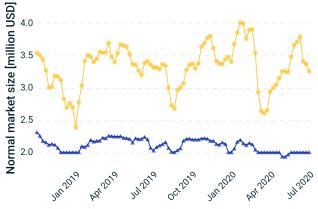
Market impact

- iBoxx EUR Liquid Corporates Index cumulative return (right axis)
- 🛑 iBoxx EUR Liquid High Yield Index cumulative return (right axis)

Bid-ask spread

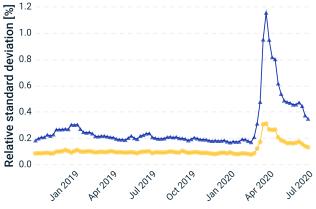






Market impact [bps/million USD] 70 60 50 40 30 20 10 0 A912020 1112020 Jan 2019 A912019 oct 2019 Jul 2019 Jan 2020

Quoted price uncertainty



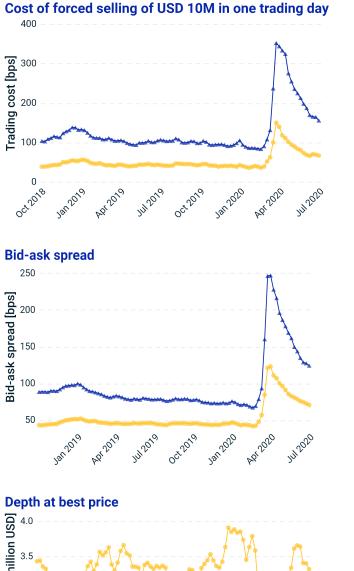


Data through July 2, 2020

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

High-yield Investment-grade

Corporate bonds - emerging countries











A912020

1112020

0.6

0.4

0.2

Jan 2019

APT 2019

JU12019

oct 2019

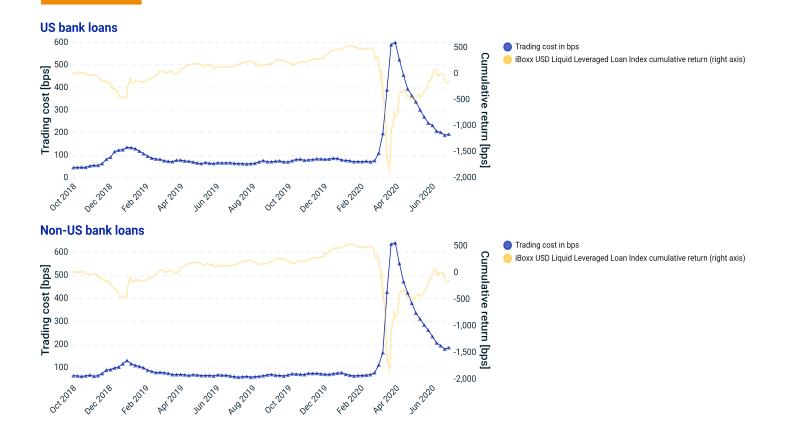
12112020

Data through July 2, 2020

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

Cost of forced selling of USD 10 million

- Breaking the trend observed for the last several weeks, the transaction costs have increased slightly for both U.S. and non-U.S. bank loans. The increase was driven mainly by the increasing market impact component.
- For non-U.S. bank loans, a sharp decrease was observed in the market depth. For U.S. bank loans, the depth did not change significantly.
- The quoted-price uncertainty of U.S. bank loans has increased slightly.



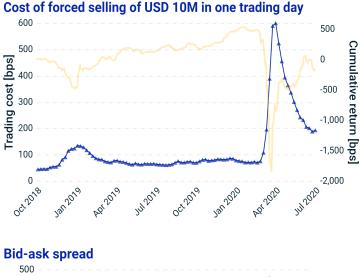




Data through July 2, 2020

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

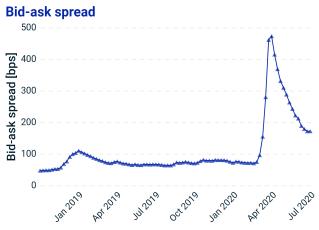
US bank loans



Trading cost in bps

Market impact

iBoxx USD Liquid Leveraged Loan Index cumulative return (right axis)





MSCI









Data through July 2, 2020

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

Non-US bank loans

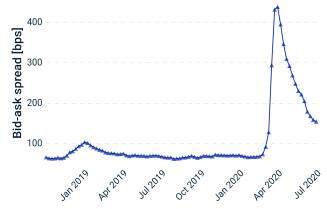


Trading cost in bps

Market impact

😑 iBoxx USD Liquid Leveraged Loan Index cumulative return (right axis)

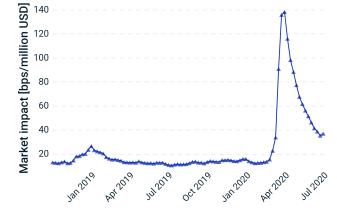
Bid-ask spread



Depth at best price

MSCI





Quoted price uncertainty



