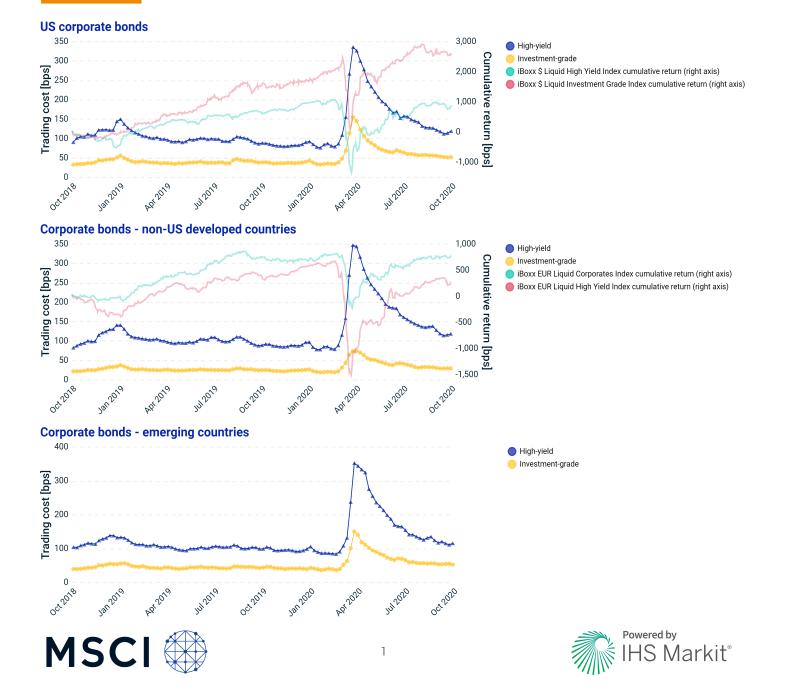
Data through October 1, 2020

Monthly report highlighting the behavior of key liquidity indicators in global markets

Corporate bonds liquidity - Cost of forced selling of USD 10 million

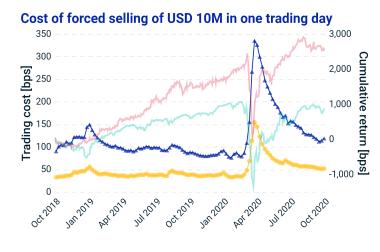
- Over the past few weeks, a slight increase was observed in transaction costs for corporate bonds across all regions, including both developed and emerging markets.
- Bid-ask spreads, market impact costs as well as the dispersion of quoted prices have increased, indicating worsening liquidity.
- The market depth of corporate bonds has not changed significantly over the past month.



Data through October 1, 2020

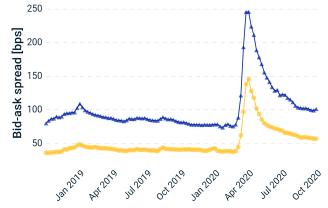
Monthly report highlighting the behavior of key liquidity indicators in global markets

US corporate bonds

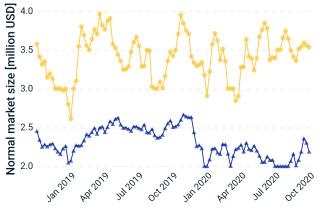


- High-yield
- 😑 Investment-grade
- iBoxx \$ Liquid High Yield Index cumulative return (right axis)
- iBoxx \$ Liquid Investment Grade Index cumulative return (right axis)

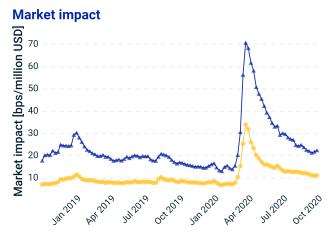
Bid-ask spread



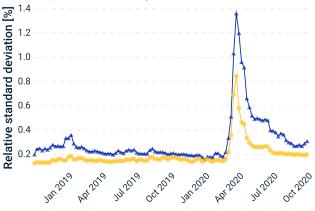
Depth at best price







Quoted price uncertainty

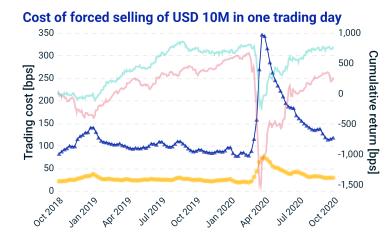




Data through October 1, 2020

Monthly report highlighting the behavior of key liquidity indicators in global markets

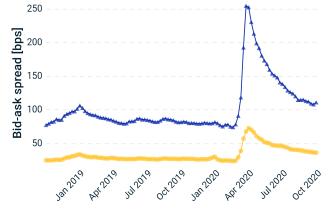
Corporate bonds - non-US developed countries



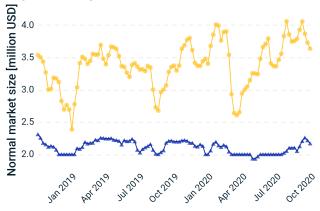
🔵 High-yield

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

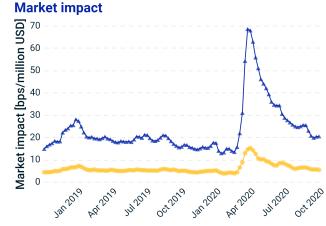
Bid-ask spread



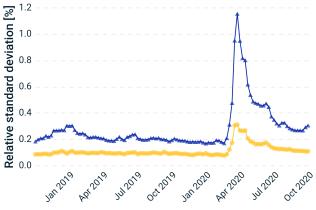








Quoted price uncertainty



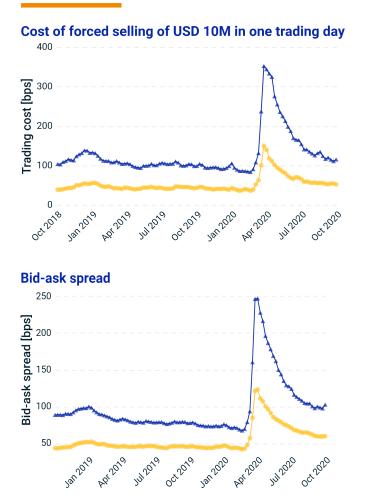


Data through October 1, 2020

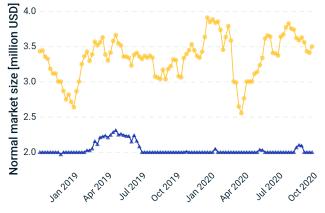
Monthly report highlighting the behavior of key liquidity indicators in global markets

High-yield
Investment-grade

Corporate bonds - emerging countries











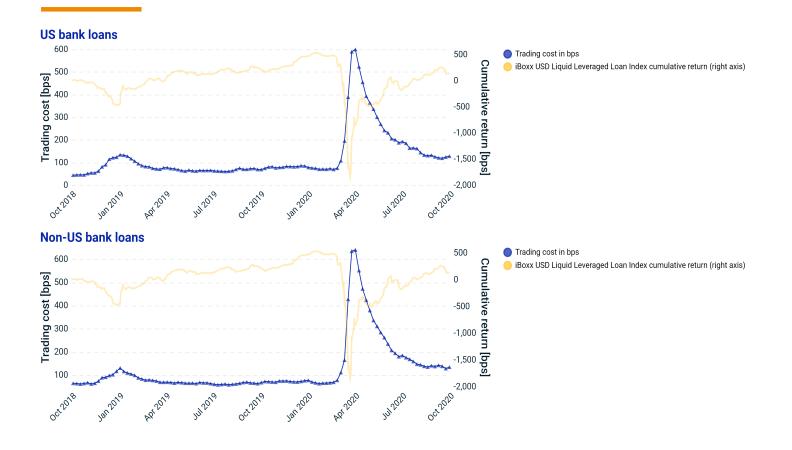


Data through October 1, 2020

Monthly report highlighting the behavior of key liquidity indicators in global markets

Bank loans liquidity - Cost of forced selling of USD 10 million

- Market depth has slightly decreased over the past month for both U.S. and non-U.S. bank loans.
- Over the last week, the transaction costs for bank loans have slightly increased, similar to the trend observed for corporate bonds. This trend was more apparent for U.S. bank loans.
- Liquidity indicators are still at significantly worse levels than before the COVID-19 crisis



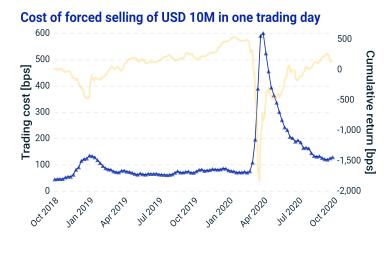




Data through October 1, 2020

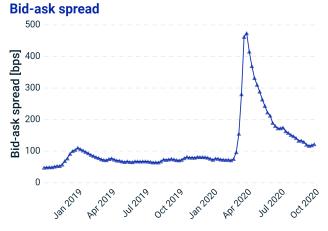
Monthly report highlighting the behavior of key liquidity indicators in global markets

US bank loans



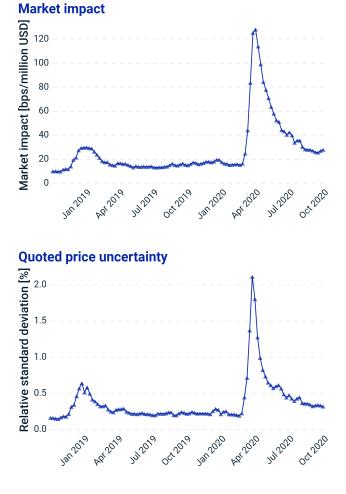
Trading cost in bps

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



Depth at best price Normal market size [million USD] 3.4 3.2 3.0 2.8 2.6 2.4 2.2 A912020 Jan 2020 JU12020 Jan 2019 APT 2019 Jul 2019 0^{ct 2019} oct 2020

MSCI





Data through October 1, 2020

Monthly report highlighting the behavior of key liquidity indicators in global markets

Non-US bank loans

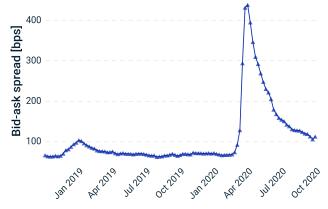


Trading cost in bps

Market impact

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





Depth at best price

MSCI







APT 2019

Jul 2019

oct 2019

Jan 2020

Jan 2019



A912020

1412020

oct 2020

