

Market Update - Daily Fixed Income Trading Liquidity Update 5 May 2020

In the current markets, volatility is at an extreme level and liquidity has become significantly reduced across many fixed income instruments including government bond markets. Liquidity management has been a heightened focus for AllianceBernstein for years, as we recognized the reduced liquidity in the marketplace after the 2008-2009 financial crisis. We view liquidity management as a business imperative.

In an effort to provide timely updates for our clients on fixed income market trading liquidity, we have developed the following update, aggregated from our traders towards the end of the New York trading day.

Sector	Liquidity Trading Comment	Bid-Ask Spreads
US Treasuries	 The open-ended bond purchase program enacted by the US Federal Reserve (Fed) is having a positive effect on liquidity and market functionality. The Fed has reduced their purchases of US Treasuries to \$8bn per day during the week of May 4 (from \$10bn per day the week of April 27). Three themes remain at the forefront in rate/macro investor minds this week: (1) Central bank asset purchases as a percent of pandemic-related supply; (2) Investors selling interest rates to buy new issue investment-grade credit; (3) US Treasury borrowing estimates, projected to be \$2.999tn this quarter, assuming an \$800bn end of quarter cash balance. Liquidity in the TIPS market remains worse due to the oil selloff and Fed tapering—on-the-run 10-year TIPS can be moved at 2-3 tick wide bid/offer spreads but liquidity in off-the-run bonds and longer- 	Bid-offer spreads for on-the-run benchmark 2- through 10-year US Treasury notes has improved significantly and are in line with precrisis conditions. For the 30-year note, bid/ask is ~2.5x wider vs pre-crisis. Off-the-run Treasury bonds still trade significantly wider than on-the run bonds, but bid/offer has
Investment Grade (IG) Corporates	 US IG US IG cash bonds traded mostly sideways, and market focus once again was the primary market. New issue supply remains busy with \$37.6 bn in new issues coming to market between May 4 and 5. The market has begun to see some companies that issued last month return to the market. Concessions ticked up but remain relatively low. Credit curves continue to normalize across the quality spectrum. The long end has begun to steepen with most high-quality names back to precrisis levels. Bid/ask spreads remain wider than pre-crisis levels. 	compressed. US IG spreads are generically 4x wider vs normal market conditions AT1/Preferreds are 2-3x wider vs normal market conditions

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	Odd-lot liquidity is still improving, but not back to	
	normal conditions yet.	
	European IG	
	Supply levels have begun to pick up modestly in the Supply levels have begun to pick up modestly in the Supply levels have begun to pick up modestly in the	
	European IG market, with niche and less well-known names continuing to tap primary markets. Liquidity	
	tailed off toward the end of the week ending May 1	
	as holidays in Asia and Europe led to lower volumes	
	in the latter half of the week.	
	In the secondary market, off-the-run names which	
	have had poor liquidity since the selloff began in	
	earnest continue to gain investor focus and are	
	becoming tradeable, despite the modest uptick in	
	primary market activity, as investors scour for value.	
	 Liquidity in the AT1 (subordinated financial) market 	
	remains incredibly technical and very bond-/issuer-	
	specific. In spots such as core high-quality issuers,	
	bid/offer spreads were back to pre-selloff levels, but	
	in more niche and second-tier names where dealers	
	have no agenda, it remains wide.	
	REIT Preferreds	
	Liquidity in the REIT preferred market is limited	
	under more normal conditions and has become	
	significantly challenged amid the current crisis.	
	Dealers are not providing balance sheet capacity to	
	support the market and so trades must be done on	
	an agency basis; trading is therefore limited.	
11: 1 20: 1 1 (120)	On May 5, trading volume continued to be very light.	
High Yield (HY)	US HY	Spreads are 1 point
Corporates	The tone of high yield in recent weeks has been tied to equition, with high yield closely following equity	wider than normal times for BB-rated securities
	to equities—with high yield closely following equity market moves.	TOT BB-rateu securities
	On May 5, the US high yield market was generally	Spreads are 1-2 points
	firm along with the broad macro tone. Energy	wider than normal times
	outperformed on higher crude oil prices.	for B-rated securities
	Secondary trading remains concentrated around	
	idiosyncratic events and earnings.	Spreads are 2-4 points
	The new issue market remains open with another 3	wider than normal times
	deals pricing for \$1.4 bn pricing. We expect supply	for CCC-rated and below
	to continue.	securities
	European HY	CDX HY bid/ask is 3-4x vs
	Daily sentiment has dislocated somewhat between	normal conditions.
	cash bonds and equities/the iTraxx Crossover index.	
	After several weeks of outperformance in cash	
	bonds, the market has begun to lag modestly.	

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	 The first signs of new issuance have highlighted the constructive market tone. Idiosyncratic risk is in focus as potential defaults/restructurings loom. Technicals remain broadly constructive, as flows are generally positive, investors are more conservatively positioned and primary issuance remains light. The market continues to see healthy two-way flows but bid/ask spreads remain elevated. 	•
	 CDX HY CDX HY traded mostly in line with the broader macro tone. Trading volumes remain light as volatility is close to the lows in a month. Bid/ask spreads have declined but remain elevated relative to pre-crisis levels. 	
Emerging- Market Debt (EMD)	 Hard Currency EM A mixed tone to start the week as the index tightened ~15bps but Latin American issues faded into the close Tuesday May 5 with most pointing to supply indigestion following April's record issuance month. Oil exporters again outperformed as crude oil prices rose. Supply continues to come to market with 5 deals already priced this week, all ~4-7x oversubscribed even with limited new issue premiums. Liquidity continues to improve as transaction costs have slightly narrowed over the last week. Local Currency EM Local EM rates continue to track macro risk and the moves in currencies. 	EM IG sovereigns are 1.5x wider vs normal market conditions EM HY sovereigns are 2x wider vs normal market conditions EM IG corporates are 2x wider vs normal market conditions EM HY corporates are 3x wider vs normal market conditions
Securitized	 CMBS The market for new issue CMBS is slowly beginning to open. One deal will price Thursday, and another is poised to announce next week. While spreads have certainly moved wider since the last conduit deal in March, no concession to current market prices is being required to place this most recent issue. All tranches are well oversubscribed, especially the mezzanine classes. At this time the AA, A, and BBB rated classes are 16x, 25x, and 11.5x oversubscribed. Despite the demand for mezzanine tranches in this new issue, the secondary market for below AAA- 	

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	rated bonds continues to lag. While there are	
	pockets of demand at the AA and A levels, illiquidity	
	persists below the single A-rated tranche and	
	bid/offer spreads remain stretched at the BBB-rated	
	level at 5x pre-COVID levels.	
	Volumes in CMBX.6 remain depressed. As a result,	
	the index is trading in a very narrow range. Due to	
	the lack of transacting, liquidity has not improved,	
	and bid/offer remains unchanged. Bid/offer spread	
	for CMBX A.6 is ~2x, BBB6 is ~3 x and BB.6 ~5x the	
	normal bid/offer spread.	
	ABS	
	Spreads in the secondary market were largely flat	
	with fleet rental ABS modestly tighter in anticipation	
	of news on whether Hertz was going to come to	
	terms with their creditors on payments due.	
	In primary issuance, Ford has announced a deal from	
	the FORDO shelf (\$841mn), their first since	
	November of 2019. Others may tap the market over	
	coming days.	
	CDT	
	CRTs	
	CRT had a slow week (week of April 27), with only a four hid lists of any notable size.	
	few bid lists of any notable size.	
	One area that has seen trading is the seasoned B1 space, where bonds are trading in the 1000dm area.	
	The majority of "real money" accounts continue to	
	be buyers at these levels; the only sellers seem to be	
	hedge funds harvesting gains.	
	The market for early fixed severity deals continues	
	to decline as there has been no indication from the	
	head of the FHFA that they will change the language	
	in those deals to support investors.	
	 While bid/ask spreads have come in measurably 	
	since the peak of the crisis, they've been stagnant	
	this week given the lack of trading volume.	
	this week given the lack of trading volume.	
	Legacy Non-Agency RMBS	
	Legacy RMBS continues to trade through the recent	
	crisis. Since January spreads have widened from ~	
	200bp to now in the 1000 bp range, but demand for	
	the sector never really faded.	
	CLOs	
	Spreads for tranches at the top of the CLO capital	
	structure continue to march tighter.	
	The new issue calendar continues to expand as more	
	and more managers are looking to dust the cobwebs	

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	off deals that would have come in early March had Covid-19 not come about. New issue AAA deals seem to have settled around 190dm. • Bid/ask spreads on AAA-rated bonds continue to be close to normal levels (~1 point); mezzanine bid/ask remains elevated at roughly 2.5x. Buyers have not come back into the market for BBB and below like they have for the rest of the stack.	
	 Agency MBS Bid/ask spreads in Agency MBS have returned to pre-crisis levels, driven tighter by the combination of Fed buying and increased investor interest 	
Money Market	 LIBOR continues to set lower as short-maturity markets stabilize. 1-month LIBOR set at 0.22% and 3-month set at 0.45%. T-bill supply is becoming old news. Continued cash management bill (CMB) issuance and outsized weekly rolls of the 1-, 2-, 3- and 6-month tenors are becoming the new norm. T-bill bid/ask spreads are normalizing back to the 2-3bp range. There is good liquidity in the repo market, with repo rates holding tight in the middle of the 0.00 to 0.10% range. 	
US Municipals	 The strength we saw building towards the end of last week carried over into this week's first two trading sessions, as benchmark yields declined both Monday and Tuesday. The focus this week is on the primary market. Tuesday saw two deals taking center stage: \$1bn Penn State University Taxable and \$1.125bn Metropolitan Transportation Authority Tax-exempt. Both deals saw strong demand. In terms of liquidity, odd lots remain difficult to sell without taking a significant concession from round lot pricing. In general, <1mm pieces are still receiving bids anywhere from 3 to 6 points below round lot bidside evaluations, with the smallest pieces at the top end of that range or wider. High yield odd lot liquidity remains challenged with it very difficult to solicit a bid. For context, high grade odd-lots typically trade 0.10-1 points below round lot bid-side evaluations under 	
Canadian Market	 more normal market conditions. Federal Liquidity is best in benchmark issues for block sizes of <=CAD25m; limited liquidity in off-the-run, high coupon bonds but the Bank of Canada buying 	Federal: bid/ask typically +1 to +2bp but for the long end of the curve, it can be more depending

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	program will help liquidity in the sector.	on volatility
	 Provincial Liquidity is best in benchmark bonds from Quebec, Ontario and British Columbia Concessions are requested so dealers will take less liquid positions. Very limited secondary-market liquidity in oil- 	Provincial: concession of +1 to +2bp and more on size > CAD 25m, particularly at the longer end
	 generating provinces (Newfoundland, Alberta, Saskatchewan) with Western Canadian Select oil price trading at low levels. Most dealers will not bid on off-the-run, high coupon provincial issues, they will do agency trades. The Bank of Canada's C\$50bn buying program of provincial debt should support liquidity. 	
	 IG Corporates Limited liquidity; many dealers are maintaining low balance sheet inventories, so will not provide bids in many sectors. Trading on an agency basis for high-beta issuers. However, the market has improved in telco and bank sectors. The Bank of Canada's buying program of corporate debt should support liquidity in the secondary markets for BBB and higher-rated securities; BBB-are trading by appointment. 	
	 Real Return Bonds (RRBs) Trading "by appointment", similar to private placement market 	

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