

# Best Execution Report

For Trades Executed In 2020

## Top 5 Execution Venues

Product	Global Fixed Income, Currency & Commodities				
Class of Instrument	(c) Interest Rates Derivatives, (ii) Swaps, Forwards and other interest rate derivatives				
Notification if < 1 average trade per business day in the previous year	No				
Top Five Execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders traded as a percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Tradeweb / TW	66.55%	75.27%	100.00%	0.00%	0.00%
Citigroup Global Markets Inc. / MBNUM2BPBDO7JBLYG310	8.55%	6.62%	100.00%	0.00%	0.00%
Goldman Sachs International / W22LROWP2IHZNBB6K528	8.50%	4.80%	100.00%	0.00%	0.00%
Citibank, National Association / E570DZWZ7FF32TWEFA76	6.13%	4.25%	100.00%	0.00%	0.00%
Merrill Lynch International / GGDZP1UYGU9STUHRDP48	4.47%	2.98%	100.00%	0.00%	0.00%

## JPMAM Commentary

Due to the diverse liquidity landscape across products in the fixed income universe prioritising execution factors on a generic basis is difficult. Couple that with the rationale or strategy that trades can be linked to compounds those issues further. Individual orders may differ with respect to the most important factor, for example some orders are time sensitive so speed of execution maybe be the primary factor, others may require use of balance sheet and as such certainty of execution may be the most important factor. Credit quality of the counterparty along with their ability to provide balance sheet are more important factors for credit derivatives which are bilateral contracts with the executing counterparty than for those which are centrally cleared. However, as a general guide the below are the most important factors for deciding between execution venues.

1. Price
2. Liquidity relative to size
3. Premium/cost for increase in size
4. Consistency of counterparty service and willingness to offer balance sheet
5. Speed of execution

There is currently no consolidated tape data in fixed income markets and transparency varies across the spectrum of fixed income assets. We use CFTC approved swap execution facilities (SEFs) and EU approved Multilateral Trading Facilities (MTFs) for swaps which are admitted to trading on these venues. This provides price transparency at tradable sizes and enables us to assess the quality of pricing offered by our trading counterparties, taking into account ability to execute institutional sized trades, speed and a history of quality execution/likelihood of execution of these larger sized orders. We expect top tier counterparties to provide a high quality response rate to Request For Quotes (RFQ) on these platforms and we closely monitor trade data to ensure the level of service is maintained to a high standard.

Where a SEF or MTF (Bloomberg, Tradeweb) is included in the Top 5 venues above the trade will have been concluded with a broker-dealer rather than the SEF/MTF. The broker dealers used during 2020 were:

1. Citigroup Global Markets Inc
2. Goldman Sachs International
3. Citibank, National Association
4. Merrill Lynch International
5. UBS Securities LLC

For larger OTC orders which may have more limited liquidity or those not admitted to trading on these venues orders are executed directly with broker dealers. The brokers that we have most frequently executed trades with directly are included in the Top 5 Venue table.

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JPMAM Global Fixed Income, Currency and Commodities do not have any arrangements concerning rebates or non-monetary benefits with any current execution venues.

The JPMAM execution policy does not treat different categories of client differently. We do not currently have any retail clients.

All execution decisions are made by a central trading desk who execute orders according to a single order execution policy.

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