

## 2019 - ANNUAL TOP 5 EXECUTION VENUE REPORT

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### Disclaimer and contact information

This report provides information on the top 5 brokers (in terms of trading volumes) used by DZ PRIVATBANK (Schweiz) AG to execute client orders. The data covers the period from 1 January to 31 December 2019.

Since DZ PRIVATBANK (Schweiz) AG always sends its orders for exchange-traded instruments to another entity for execution (broker), the distinction between passive and aggressive orders as defined in the Regulatory Technical Standard 28 of MiFID II Regulations has been deemed not relevant and has not been disclosed in this Top 5 Counterparty Reporting.

Although all reasonable care has been taken in obtaining, processing and presenting the data referred to in this report, DZ PRIVATBANK (Schweiz) AG does not make any representations or warranties, express or implied, as to the quality, completeness, reliability or accuracy of the data which may in some instances be or become incomplete or incorrect.

This report has been prepared by the Treasury division of DZ PRIVATBANK (Schweiz) AG, a Swiss bank under the supervision of the Swiss Financial Market Supervisory Authority FINMA. For further information please contact:

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### Equities – Shares & Depository Receipts

Tick size liquidity bands 5 and 6 (from 2000 trades per day)

Client Category	Retail Clients					
Report Type (Execution/Transmission)	Transmission					
Class of Instrument	Equities - Shares & Depository Receipts (Tick size liquidity bands 5 and 6)					
Notification if <1 average trade per business day in the previous year	N					
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Credit Suisse (E58DKGMJYYYJLN8C3868)	95.87%	67.41%	N/A	N/A	N/A	
JEFFERIES (S5THZMDUJCTQBTRV198)	3.47%	2.52%	N/A	N/A	N/A	
CITIGROUP (XKZZZJZF41MRHTR1V493)	0.64%	29.73%	N/A	N/A	N/A	
Bankhaus Lampe (529900ODBMTZXAN1B073)	0.01%	0.33%	N/A	N/A	N/A	
Macquarie (XJ0IV1UR2ICBLPHUS23)	0.00%	0.02%	N/A	N/A	N/A	

Tick size liquidity bands 3 and 4 (from 80 to 1999 trades per day)

Client Category	Retail Clients					
Report Type (Execution/Transmission)	Transmission					
Class of Instrument	Equities - Shares & Depository Receipts (Tick size liquidity bands 3 and 4)					
Notification if <1 average trade per business day in the previous year	N					
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
JEFFERIES (S5THZMDUJCTQBTRV198)	70.63%	59.12%	N/A	N/A	N/A	
Credit Suisse (E58DKGMJYYYJLN8C3868)	21.84%	20.24%	N/A	N/A	N/A	
CITIGROUP (XKZZZJZF41MRHTR1V493)	6.75%	19.15%	N/A	N/A	N/A	
Macquarie (XJ0IV1UR2ICBLPHUS23)	0.46%	0.36%	N/A	N/A	N/A	
Bankhaus Lampe (529900ODBMTZXAN1B073)	0.31%	1.13%	N/A	N/A	N/A	

Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)

Client Category	Retail Clients					
Report Type (Execution/Transmission)	Transmission					
Class of Instrument	Equities - Shares & Depository Receipts (Tick size liquidity band 1 and 2)					
Notification if <1 average trade per business day in the previous year	N					
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
JEFFERIES (S5THZMDUJCTQBTRV198)	48.05%	30.60%	N/A	N/A	N/A	
Credit Suisse (E58DKGMJYYYJLN8C3868)	40.53%	33.59%	N/A	N/A	N/A	
Macquarie (XJ0IV1UR2ICBLPHUS23)	5.48%	9.01%	N/A	N/A	N/A	
CITIGROUP (XKZZZJZF41MRHTR1V493)	5.38%	24.91%	N/A	N/A	N/A	
Bankhaus Lampe (529900ODBMTZXAN1B073)	0.56%	1.90%	N/A	N/A	N/A	

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### Debt instruments

#### Bonds

Client Category	Retail Clients				
Report Type (Execution/Transmission)	Transmission				
Class of Instrument	Debt instruments / Bonds				
Notification if <1 average trade per business day in the previous year	N				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
J.P. MORGAN (549300RR2VEV5GQA1X51)	11.52%	7.62%	N/A	N/A	N/A
Credit Suisse (549300506SI9CRFV9Z86)	11.21%	7.49%	N/A	N/A	N/A
ZKB (165GRDQ39W63PHVONY02)	8.16%	6.52%	N/A	N/A	N/A
BNP PARIBAS (213800K9R7JLZ8V59J75)	7.28%	6.42%	N/A	N/A	N/A
BARCLAYS (G5GSEF7VJP517OUK5573)	6.80%	5.48%	N/A	N/A	N/A

### Interest rates derivatives

#### Futures and options admitted to trading on a trading venue:

Client Category	Retail Clients				
Report Type (Execution/Transmission)	Transmission				
Class of Instrument	Interest rates derivatives / Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
DZ BANK AG (529900HNOAA1KXQUJ27)	100%	100%	N/A	N/A	N/A

### Currency derivatives

#### Futures and options admitted to trading on a trading venue

Client Category	Retail Clients				
Report Type (Execution/Transmission)	Transmission				
Class of Instrument	Currency derivatives / Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Y				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UBS Group AG (549300SZJ9VS8SGXAN81)	100%	100%	N/A	N/A	N/A

#### Swaps, forwards, and other currency

Client Category	Retail Clients				
Report Type (Execution/Transmission)	Transmission				
Class of Instrument	Currency derivatives / Swaps, forwards, and other currency derivatives				
Notification if <1 average trade per business day in the previous year	Y				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
UBS Group AG (549300SZJ9VS8SGXAN81)	100%	100%	N/A	N/A	N/A

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### Equity Derivatives

Options and Futures admitted to trading on a trading venue:

Client Category	Retail Clients				
Report Type (Execution/Transmission)	Transmission				
Class of Instrument	Equity derivatives / Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	N				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
DZ BANK AG (529900HNOAA1KXQUJQ27)	100%	100%	N/A	N/A	N/A

### Securitized Derivatives

Warrants and Certificate Derivatives

Client Category	Retail Clients				
Report Type (Execution/Transmission)	Transmission				
Class of Instrument	Securitized derivatives / Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	Y				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
CITIGROUP (XKZZZJZF41MRHTR1V493)	99.86%	50%	N/A	N/A	N/A
JEFFERIES (S5THZMDUJCTQBTRV198)	0.14%	50%	N/A	N/A	N/A

### Exchange traded products (ETFs)

Client Category	Retail Clients				
Report Type (Execution/Transmission)	Transmission				
Class of Instrument	Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded)				
Notification if <1 average trade per business day in the previous year	N				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Commerzbank (851WYGNLUQLFZBSYGB56)	34.95%	56.64%	N/A	N/A	N/A
Flow Traders (549300Z7LIC6NFIJL947)	29.21%	12.54%	N/A	N/A	N/A
Optiver (72450009N65MIWDCWR45)	10.26%	1.92%	N/A	N/A	N/A
Susquehanna (JE75XDS7HR68LR10V064)	8.19%	4.28%	N/A	N/A	N/A
IMC Trading (213800A1PNS41NG89H87)	5.97%	6.12%	N/A	N/A	N/A