

Top 5 brokers 2021

Top 5 brokers retail

Class of Instrument		Equities-Shares Depository Receipts band 5-6				
Notification if <1 average trade per business day in the previous year		N				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCEMIK50 UBS AG		42.7%	46.0%	N/A	N/A	0.0%
6TJCK1B7E7UTXP528Y04 Citigroup Global Markets Europe AG		26.9%	43.7%	N/A	N/A	0.0%
9695002I9DJHZ3449066 ODDO BHF SCA		20.0%	0.8%	N/A	N/A	0.0%
7LTWFZYICNSX8D621K86 DEUTSCHE BANK AKTIENGESELLSCHAFT		8.7%	9.0%	N/A	N/A	0.0%
549300W0IFUSNYH0FL22 UBS Switzerland AG		1.4%	0.5%	N/A	N/A	0.0%

Class of Instrument		Equities-Shares Depository Receipts band 3-4				
Notification if <1 average trade per business day in the previous year		N				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCEMIK50 UBS AG		40.1%	44.4%	N/A	N/A	0.0%
9695002I9DJHZ3449066 ODDO BHF SCA		29.3%	0.3%	N/A	N/A	0.0%
6TJCK1B7E7UTXP528Y04 Citigroup Global Markets Europe AG		20.3%	40.4%	N/A	N/A	0.0%
7LTWFZYICNSX8D621K86 DEUTSCHE BANK AKTIENGESELLSCHAFT		10.4%	14.9%	N/A	N/A	0.0%

Class of Instrument		Equities-Shares Depository Receipts band 1-2				
Notification if <1 average trade per business day in the previous year		N				
Top 5 Brokers ranked in terms of volume (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
969500219DJHZ3449066 ODDO BHF SCA		51.5%	8.8%	N/A	N/A	0.0%
BFM8T61CT2L1QCCEMIK50 UBS AG		25.4%	53.7%	N/A	N/A	0.0%
549300SXSTGQY3EA1B18 RBC Capital Markets (Europe) GmbH		8.4%	1.7%	N/A	N/A	0.0%
2G5BKIC2CB69PRJH1W31 BARCLAYS BANK IRELAND PUBLIC LIMITED COMPANY		6.6%	0.4%	N/A	N/A	0.0%
6TJCK1B7E7UTXP528Y04 Citigroup Global Markets Europe AG		5.8%	26.4%	N/A	N/A	0.0%

Class of Instrument		Debt Instruments-Bonds				
Notification if <1 average trade per business day in the previous year		Y				
Top 5 Brokers ranked in terms of volume (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
969500219DJHZ3449066 ODDO BHF SCA		96.5%	12.7%	N/A	N/A	0.0%
BFM8T61CT2L1QCCEMIK50 UBS AG		2.6%	73.6%	N/A	N/A	0.0%
213800EEC95PRUCEUP63 VIRTU ITG EUROPE LIMITED		0.3%	2.7%	N/A	N/A	0.0%
549300WOIFUSNYH0FL22 UBS Switzerland AG		0.2%	3.6%	N/A	N/A	0.0%
E58DKGMJYYYJLN8C3868 CREDIT SUISSE INTERNATIONAL		0.1%	0.9%	N/A	N/A	0.0%

Class of Instrument		Structured Finance Instruments				
Notification if <1 average trade per business day in the previous year		Y				
Top 5 Brokers ranked in terms of volume (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
E58DKGMJYYYJLN8C3868 CREDIT SUISSE INTERNATIONAL		33.8%	4.6%	N/A	N/A	0.0%
959800TMGPWX7NYM4R72 CREDIT SUISSE BANK (EUROPE), S.A.		25.4%	1.6%	N/A	N/A	0.0%
549300CLJI9XDH12XV51 Flow Traders B.V.		13.6%	34.7%	N/A	N/A	0.0%
7245009KRY SAYB2QCC29 Optiver V.O.F.		9.8%	0.5%	N/A	N/A	0.0%
2G5BKIC2CB69PRJH1W31 BARCLAYS BANK IRELAND PUBLIC LIMITED COMPANY		9.3%	2.4%	N/A	N/A	0.0%

Class of Instrument		Equity Derivatives-Options and Futures				
Notification if <1 average trade per business day in the previous year		N				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCEMIK50 UBS AG		100.0%	100.0%	N/A	N/A	0.0%

Class of Instrument		Securitized Derivatives-Other Securitized Derivatives				
Notification if <1 average trade per business day in the previous year		N				
Top 5 Brokers ranked in terms of volume (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
6TJCK1B7E7UTXP528Y04 Citigroup Global Markets Europe AG		43.1%	64.9%	N/A	N/A	0.0%
7LTWFZYICNSX8D621K86 DEUTSCHE BANK AKTIENGESELLSCHAFT		35.0%	17.2%	N/A	N/A	0.0%
BFM8T61CT2L1QCEMIK50 UBS AG		21.9%	17.9%	N/A	N/A	0.0%

Class of Instrument		Exchange traded products-Exchange traded funds				
Notification if <1 average trade per business day in the previous year		N				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCEMIK50 UBS AG		48.9%	72.3%	N/A	N/A	0.0%
549300CLJI9XDH12XV51 Flow Traders B.V.		10.9%	3.2%	N/A	N/A	0.0%
6TJCK1B7E7UTXP528Y04 Citigroup Global Markets Europe AG		10.4%	16.1%	N/A	N/A	0.0%
549300ZHEHX8M31RP142 JANE STREET FINANCIAL LIMITED		10.0%	1.9%	N/A	N/A	0.0%
7245009KRYSAIB2QCC29 Optiver V.O.F.		7.7%	2.0%	N/A	N/A	0.0%

Top 5 brokers professional

Class of Instrument		Equities-Shares Depository Receipts band 5-6			
Notification if <1 average trade per business day in the previous year	N				
Top 5 Brokers ranked in terms of volume (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
E58DKGMJYYYJLN8C3868 CREDIT SUISSE INTERNATIONAL	92.1%	0.1%	N/A	N/A	0.0%
9695002I9DJHZ3449066 ODDO BHF SCA	4.1%	1.2%	N/A	N/A	0.0%
BFM8T61CT2L1QCCEMIK50 UBS AG	2.7%	61.1%	N/A	N/A	0.0%
6TJCK1B7E7UTXP528Y04 Citigroup Global Markets Europe AG	1.0%	37.3%	N/A	N/A	0.0%
7LTWFZYICNSX8D621K86 DEUTSCHE BANK AKTIENGESELLSCHAFT	0.0%	0.3%	N/A	N/A	0.0%

Class of Instrument		Equities-Shares Depository Receipts band 3-4			
Notification if <1 average trade per business day in the previous year	N				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCCEMIK50 UBS AG	48.2%	42.0%	N/A	N/A	0.0%
6TJCK1B7E7UTXP528Y04 Citigroup Global Markets Europe AG	30.0%	55.6%	N/A	N/A	0.0%
9695002I9DJHZ3449066 ODDO BHF SCA	16.5%	1.6%	N/A	N/A	0.0%
7LTWFZYICNSX8D621K86 DEUTSCHE BANK AKTIENGESELLSCHAFT	5.3%	0.8%	N/A	N/A	0.0%

Class of Instrument		Debt Instruments-Bonds			
Notification if <1 average trade per business day in the previous year	Y				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCCEMIK50 UBS AG	100.0%	100.0%	N/A	N/A	0.0%

Class of Instrument		Structured Finance Instruments			
Notification if <1 average trade per business day in the previous year	Y				
Top 5 Brokers ranked in terms of volume (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
02RNE8IBXP4R0TD8PU41 SOCIETE GENERALE	38.8%	45.6%	N/A	N/A	0.0%
959800TMGPWX7NYM4R72 CREDIT SUISSE BANK (EUROPE), S.A.	24.1%	19.3%	N/A	N/A	0.0%
E58DKGMJYYYJLN8C3868 CREDIT SUISSE INTERNATIONAL	15.5%	15.8%	N/A	N/A	0.0%
7245009KRY SAYB2QCC29 Optiver V.O.F.	10.4%	1.8%	N/A	N/A	0.0%
6EWKU0FGVX5QQJHFGT48 BNP PARIBAS ARBITRAGE	7.8%	14.0%	N/A	N/A	0.0%

Class of Instrument		Equity Derivatives-Options and Futures			
Notification if <1 average trade per business day in the previous year	Y				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCCEMIK50 UBS AG	100.0%	100.0%	N/A	N/A	0.0%

Class of Instrument		Securitized Derivatives-Other Securitized Derivatives			
Notification if <1 average trade per business day in the previous year	Y				
Top 5 Brokers ranked in terms of volume (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
BFM8T61CT2L1QCCEMIK50 UBS AG	100.0%	100.0%	N/A	N/A	0.0%

Class of Instrument		Exchange traded products-Exchange traded funds			
Notification if <1 average trade per business day in the previous year	Y				
Top 5 Brokers ranked in terms of volume (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
549300CLJ19XDH12XV51 Flow Traders B.V.	33.4%	5.2%	N/A	N/A	0.0%
549300ZHEHX8M31RP142 JANE STREET FINANCIAL LIMITED	22.0%	8.3%	N/A	N/A	0.0%
BFM8T61CT2L1QCCEMIK50 UBS AG	20.8%	62.5%	N/A	N/A	0.0%
54930056FHWP7GIWYY08 Morgan Stanley Europe SE	9.5%	4.2%	N/A	N/A	0.0%
635400IAV22ZOU1NFS89 Susquehanna International Securities Limited	6.8%	1.0%	N/A	N/A	0.0%