



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XNYS New York (NYSE) (NAY)	62,85 %	42,82 %	100,00 %	0,00 %	100,00 %
XSWX Zürich (ESE)	14,10 %	25,65 %	100,00 %	0,00 %	99,08 %
XNAS New York - NASDAQ (NAD)	11,70 %	10,82 %	100,00 %	0,00 %	100,00 %
XASE New York (AMEX) (NAA)	4,97 %	5,65 %	100,00 %	0,00 %	100,00 %
XETR XETRA (EDE)	3,10 %	6,82 %	89,66 %	10,34 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed 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
XSWX Zürich (ESE)	58,04 %	41,59 %	100,00 %	0,00 %	100,00 %
XLON London (EUL)	29,27 %	19,96 %	100,00 %	0,00 %	100,00 %
XETR XETRA (EDE)	4,98 %	4,04 %	91,79 %	8,21 %	100,00 %
XNAS New York - NASDAQ (NAD)	2,70 %	0,58 %	100,00 %	0,00 %	100,00 %
XNYS New York (NYSE) (NAY)	2,51 %	30,56 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed 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
XETR XETRA (EDE)	69,58 %	54,22 %	90,70 %	9,30 %	100,00 %
XLON London (EUL)	17,68 %	30,96 %	100,00 %	0,00 %	100,00 %
XNAS New York - NASDAQ (NAD)	3,01 %	2,51 %	100,00 %	0,00 %	100,00 %
XAMS Amsterdam (ENA)	2,50 %	2,96 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	2,00 %	0,21 %	94,74 %	5,26 %	100,00 %



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Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AA99
Equity instruments- Shares and share certificates

Tick Size liquidity band E and liquidity band F

Information on whether an average of < 1 trade per business day was executed 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
XETR XETRA (EDE)	30,30 %	22,12 %	92,39 %	7,61 %	100,00 %
XNYS New York (NYSE) (NAY)	25,35 %	43,52 %	100,00 %	0,00 %	100,00 %
XNAS New York - NASDAQ (NAD)	18,06 %	9,64 %	100,00 %	0,00 %	100,00 %
XPAR Paris (EFP)	11,81 %	11,10 %	100,00 %	0,00 %	100,00 %
XAMS Amsterdam (ENA)	5,91 %	4,42 %	100,00 %	0,00 %	100,00 %



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Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AB99
Equity instruments- Shares and share certificates

Tick Size liquidity band A and liquidity band B

Information on whether an average of < 1 trade per business day was executed 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
XLON London (EUL)	66,01 %	75,89 %	100,00 %	0,00 %	100,00 %
XNAS New York - NASDAQ (NAD)	13,12 %	9,19 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	10,66 %	5,61 %	100,00 %	0,00 %	100,00 %
PINX New York-PinkSh.-OTC (NUP)	5,64 %	1,07 %	100,00 %	0,00 %	100,00 %
XNYS New York (NYSE) (NAY)	1,40 %	3,22 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AB99
Equity instruments- Shares and share certificates

Tick Size liquidity band C and liquidity band D

Information on whether an average of < 1 trade per business day was executed 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
XNYS New York (NYSE) (NAY)	57,52 %	63,45 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	17,93 %	12,41 %	100,00 %	0,00 %	100,00 %
XETR XETRA (EDE)	12,40 %	18,28 %	81,13 %	18,87 %	100,00 %
XNAS New York - NASDAQ (NAD)	9,37 %	4,14 %	100,00 %	0,00 %	100,00 %
XNAS New York (Nasdaq) (NAN)	2,21 %	0,69 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AC99
Exchange traded products (ETPs)Exc

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BRFQ BLOCKMATCH MTF RFQ (BRFQ)	60,61 %	48,41 %	100,00 %	0,00 %	100,00 %
XETR XETRA (EDE)	24,01 %	19,73 %	86,97 %	13,03 %	100,00 %
XLON London (EUL)	12,59 %	27,13 %	100,00 %	0,00 %	100,00 %
XSWX Zürich (ESE)	0,91 %	2,82 %	100,00 %	0,00 %	100,00 %
XAMS Amsterdam (ENA)	0,56 %	1,24 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AD99
other instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XSWX Zürich (ESE)	91,36 %	93,62 %	100,00 %	0,00 %	100,00 %
XSWX Zurich - Swiss Blue (ESZ)	8,03 %	5,50 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	0,61 %	0,88 %	100,00 %	0,00 %	100,00 %



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Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument AE99
other instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XSWX Zürich (ESE)	57,64 %	1,17 %	100,00 %	0,00 %	61,90 %
XMAD Madrid (EEM)	41,14 %	98,06 %	100,00 %	0,00 %	99,55 %
XFRA Frankfurt (EDF)	0,86 %	0,50 %	100,00 %	0,00 %	33,33 %
XMUN München (EDM)	0,26 %	0,06 %	100,00 %	0,00 %	100,00 %
XPAR Paris (EFP)	0,09 %	0,11 %	100,00 %	0,00 %	0,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BA10
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	87,17 %	66,70 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	11,93 %	32,05 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	0,54 %	0,95 %	78,57 %	21,43 %	100,00 %
XMUN München (EDM)	0,28 %	0,14 %	50,00 %	50,00 %	100,00 %
XHAN Hannover (EDI)	0,08 %	0,07 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BA11
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	93,38 %	82,59 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	6,39 %	16,96 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	0,23 %	0,45 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BA12
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	100,00 %	100,00 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BA13
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	93,14 %	85,95 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	5,64 %	12,64 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	0,75 %	1,01 %	53,33 %	46,67 %	100,00 %
XHAN Hannover (EDI)	0,15 %	0,07 %	100,00 %	0,00 %	100,00 %
XHAM Hamburg (EDH)	0,15 %	0,07 %	0,00 %	100,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BA14
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	87,75 %	77,79 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	10,71 %	20,20 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	1,27 %	1,51 %	81,65 %	18,35 %	99,08 %
XBER Berlin-Bremen (EDB)	0,12 %	0,12 %	33,33 %	66,67 %	100,00 %
XMUN München (EDM)	0,08 %	0,10 %	71,43 %	28,57 %	100,00 %



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Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BA15
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	81,22 %	50,52 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	17,14 %	46,23 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	1,23 %	2,32 %	70,00 %	30,00 %	100,00 %
XMUN München (EDM)	0,28 %	0,23 %	100,00 %	0,00 %	100,00 %
XBER Berlin-Bremen (EDB)	0,09 %	0,23 %	50,00 %	50,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BB99
Structured financial products

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	100,00 %	100,00 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BD10
other derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XEUR EUREX (EDT)	98,17 %	50,00 %	33,33 %	66,67 %	100,00 %
XCBT Chicago (CBOT) (NAU)	1,83 %	50,00 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BD21
Equity derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XEUR EUREX (EDT)	68,99 %	61,27 %	100,00 %	0,00 %	100,00 %
XCBO Chicago (CBOE) (NAV)	31,01 %	38,73 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BD24
 Currency derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XCME Chicago (CME) (NAG)	100,00 %	100,00 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BD99
 other derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XEUR EUREX (EDT)	73,76 %	33,57 %	97,92 %	2,08 %	100,00 %
XCME Chicago (CME) (NAG)	22,14 %	4,90 %	100,00 %	0,00 %	100,00 %
XCBO Chicago (CBOE) (NAV)	4,10 %	61,54 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BE21
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XSTU Stuttgart (EDS)	71,37 %	56,96 %	89,36 %	10,64 %	100,00 %
XFRA Frankfurt (EDF)	28,63 %	43,04 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BE22
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XFRA Frankfurt (EDF)	84,38 %	75,61 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	15,60 %	23,17 %	78,95 %	21,05 %	100,00 %
XLON London (EUL)	0,02 %	1,22 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BE24
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XFRA Frankfurt (EDF)	99,82 %	96,67 %	100,00 %	0,00 %	100,00 %
XETR XETRA (EDE)	0,18 %	3,33 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BE99
securitized derivatives

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XFRA Frankfurt (EDF)	59,75 %	77,09 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	33,57 %	8,38 %	66,67 %	33,33 %	100,00 %
BMTF Bloomberg (BLOM)	5,52 %	6,15 %	100,00 %	0,00 %	100,00 %
XETR XETRA (EDE)	1,16 %	8,38 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BF99
Exchange traded products (ETPs)

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XETR XETRA (EDE)	67,13 %	70,49 %	81,40 %	18,60 %	100,00 %
XSTU Stuttgart (EDS)	21,91 %	9,84 %	66,67 %	33,33 %	100,00 %
XLON London (EUL)	10,95 %	19,67 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument BG99
Exchange traded products (ETPs)

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XETR XETRA (EDE)	96,25 %	95,83 %	91,30 %	8,70 %	100,00 %
XAMS Amsterdam (ENA)	3,75 %	4,17 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument C999
no specific classification

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XFRA Frankfurt (EDF)	53,14 %	23,47 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	41,74 %	35,71 %	88,57 %	11,43 %	100,00 %
XHAM Hamburg (EDH)	5,13 %	40,82 %	87,50 %	12,50 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument CA99
Debt instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
BMTF Bloomberg (BLOM)	99,48 %	97,37 %	100,00 %	0,00 %	100,00 %
XFRA Frankfurt (EDF)	0,52 %	2,63 %	100,00 %	0,00 %	100,00 %



Top 5 venue reporting regarding MIFID II retail clients financial year 2024

Class of Instrument CB99
 Other instruments

Tick Size not used

Information on whether an average of < 1 trade per business day was executed 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
XFRA Frankfurt (EDF)	47,95 %	53,33 %	100,00 %	0,00 %	100,00 %
XHAM Hamburg (EDH)	29,71 %	20,00 %	100,00 %	0,00 %	100,00 %
XSTU Stuttgart (EDS)	20,88 %	20,00 %	66,67 %	33,33 %	100,00 %
XBER Berlin-Bremen (EDB)	1,47 %	6,67 %	100,00 %	0,00 %	100,00 %