



Annual Top Five Execution Venues Report of National Securities S.A.

Reporting for the year of 2018

Purpose of this report

Directive 2014/65/EU in financial instruments (MiFID II) requires investment firms who execute client orders to summarize and make public on an annual basis, for each class of financial instruments the top five execution venues in terms of trading volumes where they executed client orders in the preceding year and information on the quality of execution obtained.

Scope

This report summarizes the top five execution venues of financial instruments of Equities and Exchange Traded products, Bonds and Derivatives, which National Securities executed for clients in 2017. The information disclosed is for Retail and Professional Clients and differs according to their classification, according to the applicable legal and regulatory framework.



Annual Top Five Execution Venues Report of National Securities S.A. Reporting for the year of 2018

Table 1

Class of Instrument		Equities — Shares & Depositary Receipts – Retail Clients				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
XATH	89,28%	98,77%	42,89%	49,92%	100,00%	
XNYS	5,29%	0,72%	0,72%	0,00%	100,00%	
XNAS	1,63%	0,27%	0,27%	0,00%	100,00%	
XETR	1,49%	0,18%	0,18%	0,00%	100,00%	
XPAR	0,51%	0,07%	0,07%	0,00%	100,00%	



Annual Top Five Execution Venues Report of National Securities S.A. Reporting for the year of 2018

Table 2

Class of Instrument	Equities — Shares & Depositary Receipts – Professional Clients					
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
XATH	92,32%	99,79%	53,93%	42,14%	100,00%	
XETR	1,53%	0,06%	0,06%	0,00%	100,00%	
XPAR	1,52%	0,05%	0,05%	0,00%	100,00%	
XNYS	1,43%	0,09%	0,09%	0,00%	100,00%	
XEUE	0,75%	0,02%	0,02%	0,00%	100,00%	



Annual Top Five Execution Venues Report of National Securities S.A. Reporting for the year of 2018

Table 3

Class of Instrument	Equities — Shares & Depositary Receipts – All executed client orders	
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 executed as percentage of total in that class
XATH	91,75%	99,54%
XNYS	2,15%	0,27%
XETR	1,53%	0,09%
XPAR	1,34%	0,05%
XLON	0,68%	0,04%



Annual Top Five Execution Venues Report of National Securities S.A. Reporting for the year of 2018

Table 4

Class of Instrument	SFTs for Equities	
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 executed as percentage of total in that class
XATH	100,00	100,00
ENAX	0,00	0,00



Annual Top Five Execution Venues Report of National Securities S.A. Reporting for the year of 2018

Table 5

Class of Instrument		Debit Instruments – Retail Clients				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
XATH	38,72%	85,38%	37,76%	46,89%	100,00%	
XOFF	29,85%	14,13%	0,00%	0,00%	100,00%	
ENAX	0,13%	0,49%	0,49%	0,00%	100,00%	



Annual Top Five Execution Venues Report of National Securities S.A. Reporting for the year of 2018

Table 6

Class of Instrument		Debit Instruments – Professional Clients				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
XOFF	90,85%	33,33%	0,00%	0,00%	100,00%	
XATH	4,90%	25,35%	14,55%	10,80%	100,00%	
ENAX	1,79%	41,31%	36,15%	5,16%	100,00%	



Annual Top Five Execution Venues Report of National Securities S.A. Reporting for the year of 2018

Table 7

Class of Instrument	Debit Instruments – All executed client orders		
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 executed as percentage of total in that class	
XOFF	51,49	18,09	
XATH	26,72	73,02	
ENAX	0,72	8,90	



Top five execution venues

Table 8

Class of Instrument	Interest rate Derivatives – Retail Clients				
Notification if < 1 average trade per business day in the previous year	Yes				
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
(EUREX)	0%	0%	-	-	0%
(CBOT)	0%	0%	-	-	0%

Table 9

Class of Instrument	Currency Derivatives – Retail Clients				
Notification if < 1 average trade per business day in the previous year	Yes				
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
(CME)	100,0%	100,0%	-	-	100%

Table 10

Class of Instrument	Equity Derivatives – Retail Clients				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
(ADEX)	54%	95%	-	-	100%
(CME)	26%	2%	-	-	100%
(CBOT)	4%	1%	-	-	100%
(EUREX)	15%	1%	-	-	100%
(CBOE)	1%	1%	-	-	100%



Table 11

Class of Instrument	Equity Derivatives – Professional Clients				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
(ADEX)	100%	100%	-	-	-

Table 12

Class of Instrument	Equity Derivatives – All executed client orders	
Notification if < 1 average trade per business day in the previous year	No	
Top 5 Venues ranked in terms of volume (descending order)	Proportion of volume executed as a percentage of total in that class	Proportion of orders executed as percentage of total in that class
(ADEX)	84%	96%
(CME)	9%	1%
(CBOT)	1%	1%
(EUREX)	5%	1%
(CBOE)	1%	1%

Table 13

Class of Instrument	Commodities derivatives and emission allowances Derivatives - Retail Clients				
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 executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
(COMEX)	52,7%	15%	-	-	100%
(NYBOT)	41.3%	38%	-	-	100%
(NYMEX)	3.6%	22%	-	-	100%
(ICE)	1.6%	20%	-	-	100%
(CBOT)	0.6%	5%	-	-	100%



Conclusion of execution quality

In the year of 2018, to achieve best execution results of client orders, National Securities S.A. has taken into account a number of factors including price, costs, speed, likelihood of execution and settlement, size and nature of the order, and any other relevant consideration (such as market impact and implicit transaction cost). To determine the importance of the above factors, National Securities S.A. has taken into account additional criteria, including client classification, order characteristics, financial instrument characteristics and execution venue characteristics. National Securities S.A. has no close links, conflicts of interests, or common ownerships with respect to any execution venues used to execute orders. National Securities does S.A. not have any specific arrangements with any execution venues regarding payments made or received, discounts, rebates or non-monetary benefits.

Other third party providers in the execution

In cases where National Securities S.A. transmits orders to be executed through third parties, including intermediaries within the NBG Group, all reasonable steps shall be taken to ensure the best execution of the orders on an ongoing basis. National Securities S.A. ensures the disclosure of information to clients or potential clients, at their reasonable request, on the entities to which the orders to be executed are transmitted or sent. The list of execution venues at which National Securities S.A. executes orders, is included in our execution policy.