

Top 5 execution venues and entities Retail clients 2022 report - 2021 activity

According to Commission Delegated Regulation (EU) 2017/576 as transposed in national laws and regulations ING Luxembourg S.A. has to provide for each financial instrument classes a summary analysis and conclusions derived from the detailed execution quality obtained on various execution venues and entities on which ING Luxembourg S.A. customers 'orders have been executed during the previous year.



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1.Retail customers

A.Top 5 entities

1. Equities - shares & depositary receipts

Class of instrument	Equities - Shares & De	epositary Receipts - Tick	size liquidity bands	5 and 6 (from 2000 i	trades per day)
Notification if <1 average trade per business day in the previous year	Ν				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders
EXANE SA PARIS 969500UP76J52A9OXU27	33,13%	32,12%	27,48%	72,52%	0,00%
UBS 549300WOIFUSNYH0FL22	29,45%	33,23%	21,71%	78,29%	0,00%
CACEIS FR/CLIENTS 96950023SCR9X9F3L662	22,88%	23,29%	25,40%	74,60%	0,009
CANACCORD GB / BROKE ZBU7VFV5NIMN4ILRFC23	10,84%	8,54%	20,87%	79,13%	0,009
CRED SUISSE CH 549300CWR0W0BCS9Q144	3,69%	2,68%	12,41%	87,59%	0,00%
Class of instrument	Equities - Shares & Depo	sitary Receipts - Tick siz	e liquidity bands 3 a	nd 4 (from 80 to 199	99 trades per day)
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders
UBS 549300WOIFUSNYH0FL22	38,21%	43,41%	22,05%	77,95%	0,00%
	38,21% 30,64%		22,05% 34,20%		.,
EXANE SA PARIS 969500UP76J52A9OXU27	,	26,87%	,		0,00%
EXANE SA PARIS 969500UP76J52A9OXU27 CACEIS FR/CLIENTS 96950023SCR9X9F3L662	30,64%	26,87% 19,98%	34,20%	65,80%	0,00% 0,00% 0,00% 0,00%
EXANE SA PARIS 969500UP76J52A9OXU27 CACEIS FR/CLIENTS 96950023SCR9X9F3L662 CANACCORD GB / BROKE ZBU7VFV5NIMN4ILRFC23	30,64% 20,30%	26,87% 19,98% 8,76%	34,20% 36,09%	65,80% 63,91%	0,009 0,009 0,009
EXANE SA PARIS 969500UP76J52A9OXU27 CACEIS FR/CLIENTS 96950023SCR9X9F3L662 CANACCORD GB / BROKE ZBU7VFV5NIMN4ILRFC23 CRED SUISSE CH 549300CWR0W0BCS9Q144	30,64% 20,30% 9,81% 0,96%	26,87% 19,98% 8,76%	34,20% 36,09% 28,25% 20,83%	65,80% 63,91% 71,75% 79,17%	0,009 0,009 0,009 0,009
EXANE SA PARIS 969500UP76J52A9OXU27 CACEIS FR/CLIENTS 96950023SCR9X9F3L662 CANACCORD GB / BROKE ZBU7VFV5NIMN4ILRFC23 CRED SUISSE CH 549300CWR0W0BCS9Q144 Class of instrument Notification if <1 average trade per business day in	30,64% 20,30% 9,81% 0,96%	26,87% 19,98% 8,76% 0,68%	34,20% 36,09% 28,25% 20,83%	65,80% 63,91% 71,75% 79,17%	0,009 0,009 0,009 0,009
UBS 549300WOIFUSNYH0FL22 EXANE SA PARIS 969500UP76J52A9OXU27 CACEIS FR/CLIENTS 96950023SCR9X9F3L662 CANACCORD GB / BROKE ZBU7VFV5NIMN4ILRFC23 CRED SUISSE CH 549300CWR0W0BCS9Q144 Class of instrument Notification if <1 average trade per business day in the previous year Top five execution venues ranked in terms of trading volumes (descending order)	30,64% 20,30% 9,81% 0,96% Equities - Shares & Dep	26,87% 19,98% 8,76% 0,68%	34,20% 36,09% 28,25% 20,83%	65,80% 63,91% 71,75% 79,17%	0,00% 0,00% 0,00% 0,00%

EXANE SA PARIS 969500UP76J52A9OXU27	36,26%	35,40%	52,62%	47,38%	0,00%
UBS 549300WOIFUSNYH0FL22	30,48%	23,97%	32,73%	67,27%	0,00%
CANACCORD GB / BROKE ZBU7VFV5NIMN4ILRFC23	15,04%	12,31%	39,82%	60,18%	0,00%
CACEIS FR/CLIENTS 96950023SCR9X9F3L662	12,45%	22,66%	30,77%	69,23%	0,00%
BCEE LUXEMBOURG R7CQUF1DQM73HUTV1078	5,26%	5,34%	83,67%	16,33%	0,00%



2. Debt instruments : bonds & money market instruments

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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders		
OPPENHEIM LONDON 213800CH6IZ9J98PIS59	33,51%	18,60%	50,00%	50,00%	0,00%		
ING BANK AMSTER DAM 3TK20IVIUJ8J3ZU0QE75	20,13%	6,98%	100,00%	0,00%	0,00%		
SG PARIS O2RNE8IBXP4R0TD8PU41	15,54%	20,93%	11,11%	88,89%	0,00%		
HPC S.A 969500AMLHB21RACL168	8,32%	13,95%	50,00%	50,00%	0,00%		
NATIXIS SECUR.PARIS 969500WCYP9HOJNP063	8,03%	11,63%	0,00%	100,00%	0,00%		

Class of instrument	Debt instruments - Money markets instruments				
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

3.Interest rates derivatives

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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

Class of instrument	Interest rates derivatives - Swap, forwards and other interest rates 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders	



4.Credit derivatives

Class of instrument	Credit 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders		Percentage of directe orders	

No activity during the period on this asset class.

Class of instrument	Credit derivatives - Other credit 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders		Percentage of directed orders	

No activity during the period on this asset class.

5. Currency derivatives

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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders	

No activity during the period on this asset class.

Class of instrument	Currency derivatives - Swap, 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders



6.Structured finance instruments

Class of instrument	Structured finance instruments						
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders		

No activity during the period on this asset class.

7.Equity derivatives

Class of instrument	Equity derivatives - Futures and options 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders		
CACEIS FR/CLIENTS 96950023SCR9X9	100,00%	100,00%	78,95%	21,05%	0,00%		
Class of instrument		Equity derivatives - Swap,	forwards and other e	quity 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 orders traded as percentage of total in that class		

No activity during the period on this asset class.

8.Securititzed derivatives





Class of instrument	Securitized derivatives - Other securitized 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders	

No activity during the period on this asset class.

9.Commodities derivatives and emission allowances derivatives

Class of instrument	Commodities derivatives	and emission allowances d	erivatives - Option	is and futures admit	ted 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

Class of instrument	Commodities derivatives and emission allowances derivatives - Other commodities derivatives and emission allowances 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

10.Contracts for difference

Class of instrument	Contract for difference					
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders	



11.Exchange traded products - exchange traded funds

Class of instrument	Exchange traded products	(Exchange traded funds, excha	ange traded no	otes and exchange t	raded commodities)
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 orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders
CANACCORD GB / BROKE ZBU7VFV5NIMN4ILRFC23	71,04%	48,19%	13,20%	86,80%	0,00%
EXANE SA PARIS 969500UP76J52A9OXU27	14,44%	23,21%	22,40%	77,60%	0,00%
CACEIS FR/CLIENTS 96950023SCR9X9F3L662	7,09%	19,82%	65,81%	34,19%	0,00%
UBS 549300WOIFUSNYH0FL22	6,32%	7,80%	11,90%	88,10%	0,00%
CRED SUISSE CH 549300CWR0W0BCS9Q144	1,11%	0,97%	0,00%	100,00%	0,00%

12.Emission allowances

Class of instrument	Emission allowances					
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders	

No activity during the period on this asset class.

13.0ther instruments

Class of instrument	Other instruments					
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders	

No activity during the period on this asset class.

14.Securities financing transactions (SFT's)

Class of instrument	Other instruments		
Notification if <1 average trade per business day in the previous year	Ŷ		
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	

No activity during the period.

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B.Top 5 venues

1. Equities - shares & depositary receipts

Class of instrument	Equities - Shares & Depositary Receipts - Tick size liquidity bands 5 and 6 (from 2000 trades per day)						
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders		

No activity during the period on this asset class.

Class of instrument	Equities - Shares & Depositary Receipts - Tick size liquidity bands 3 and 4 (from 80 to 1999 trades per day)						
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 volumes traded as percentage of total in that class			Percentage of agressive orders	Percentage of directed orders		

No activity during the period on this asset class.

Class of instrument	Equities - Shares & Depositary Receipts - Tick size liquidity bands 1 and 2 (from 0 to 79 trades per day)							
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders			

No activity during the period on this asset class.

2. Debt instruments : bonds & money market instruments

Class of instrument Notification if <1 average trade per business day in the previous year	Debt instruments - Bonds					
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders	
BLOOMBERG GLOBAL LTD 549300O9PUGJE512LD66	100,00%	100,00%	15,92%	84,08%	0,00%	

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Class of instrument	Debt instruments - Money markets instruments							
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percenta ge of passive orders	Percentage of agressive orders	Percentage of directed orders			
BLOOMBERG GLOBAL LTD 54930009PUGJE512LD66	100,00%	100,00%	0,00%	100,00%	0,00%			

3.Interest rates derivatives

Class of instrument	Inter	Interest rates derivatives - Futures and options admitted to trading on a trading venue							
Notification if <1 average trade per business day in the previ	ious year Y								
Top five execution venues ranked in terms of trading volume (descending order)	es Proportion of vo traded as percer total in that c	ntage of	Proportion of orde traded as percenta of total in that clas	ige passiv	ntage of e orders	Percentage of agressive orders	Percentage of directed orders		
ING BANK AMSTERDAM 3TK20IVIUJ8J3ZU0QE75	, ,	100,00%	100,0	0%	100,00%	0,009	6 0,00%		
Class of instrument	Interest	rates deri	ivatives - Swap, fo	rwards and	other inter	est rates derivati	ves		
Notification if <1 average trade per business day in the previous year	Y								

No activity during the period on this asset class.

4.Credit derivatives

Class of instrument	Credit 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders		

No activity during the period on this asset class.

Class of instrument	Credit derivatives - Other credit 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders			

No activity during the period on this asset class.

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5. Currency derivatives

Class of instrument	Cu	irrency dei	ivatives - Futures a	and options a	idmitted to t	rading on a trading	y venue
Notification if <1 average trade per business day in the previ	ous year Y						
Top five execution venues ranked in terms of trading volume (descending order)	es Proportion of vo traded as percen total in that cl	tage of	Proportion of orde traded as percenta of total in that cla	age passi	entage of ve orders	Percentage of agressive orders	Percentage of directed orders
ING BANK AMSTERDAM 3TK20IVIUJ8J3ZU0QE75		100,00%		00%	100,00%	0,00%	6 0,00%
Class of instrument	Cur	rency der	ivatives - Swap, fo	orwards and	other curre	ency 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 volumes traded as percentage of total in that class	traded	ortion of orders as percentage of I in that class	Percentage of passive orders		ge of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

6.Structured finance instruments

Class of instrument	Structured finance instruments						
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class		Percentage of agressive orders	Percentage of directed orders		

No activity during the period on this asset class.

7.Equity derivatives

Class of instrument	Equity 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders		



Class of instrument	Equity derivatives - Swap, forwards and other equity 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders		

No activity during the period on this asset class.

8.Securititzed derivatives

Class of instrument	Securitized derivatives - Warrants and certificates 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders		

No activity during the period on this asset class.

Class of instrument	Securitized derivatives - Other securitized 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

9.Commodities derivatives and emission allowances derivatives

Class of instrument	Commodities derivatives and emission allowances derivatives - Options and futures 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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders



Class of instrument	Commodities derivatives and emission allowances derivatives - Other commodities derivatives and emission allowances derivatives			tives and emission	
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

10.Contracts for difference

Class of instrument	Contract for difference				
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

11.Exchange traded products - exchange traded funds

Class of instrument	Exchange traded produc	ts (Exchange traded funds,	exchange traded note	es and exchange tr	aded commodities)
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

12.Emission allowances

Class of instrument	Emission allowances				
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders



13.0ther instruments

Class of instrument	Other instruments				
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	Percentage of passive orders	Percentage of agressive orders	Percentage of directed orders

No activity during the period on this asset class.

14.Securities financing transactions (SFT's)

Class of instrument	Other instruments		
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 volumes traded as percentage of total in that class	Proportion of orders traded as percentage of total in that class	

No activity during the period.