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#### **Editorial**

December ended a slow year on a quiet note in terms of trading activity on Warrants & Certificates. Even though all major cash markets across the world ended the year on a rally, Warrants & Certificates investors did not rush to the markets. The daily averages for value traded and number of trades in December were down 25% and 26% respectively vs. November values.

In 2012, the overall value traded on Warrants & Certificates is down 39% vs. 2011 while the number of trades is down by 26%. However, one should keep in mind that 2011 was a record year, rich in events affecting the world economy such as the Earth quake in Japan, the commodity crisis, the Euro crisis, leading more investors to Warrants & Certificates. 2012 was a much less eventful year. Investors seemed to have more difficulties to read any significant trend and as a result appeared reluctant to invest, not only in Warrants & Certificates but also in cash equities.

2012 TOP 3 product types were the same as in 2011. Leverage Knock-Out products gathered over 70% of the value traded on Warrants & Certificates and around 74% of the number of trades. Leverage & Short certificates were in 2012 the second most traded product type yielding 15% of the traded value and 10% of the number of trades (up 9 and 5 percentage points respectively). Vanilla Warrants were still the third most traded product type but did lose some ground. They only represented 8% of the value traded and 13% of the transactions (down 6 and 5 percentage points respectively).

With regards to issuer ranking, RBS was still the issuer with the highest traded value market share (27.5%, down 6% vs. 2011). Société Générale reaffirmed its second position with an even higher traded value market share than in 2011 (18.5% vs. 15.9%). With 15.4% market share, ABN Amro increased its activity significantly from fifth position in 2011 to third position in 2012, pushing Commerzbank back to fourth position despite a market share that only dropped by 0.4% vs. 2011.

The European Exchange Traded Products team wishes you a very happy new year, with flourishing businesses and successful investments.

	NYSE Euronext Amsterdam	NYSE Euronext Brussels	NYSE Euronext Lisbon	NYSE Euronext Paris	NYSE Euronext Markets
Live listings (as of 31/12/2012)	7,057	1,079	804	12,852	21,792
New listings	1,340	199	241	2,770	4,550
Value traded (in M€)	500	0.8	30.0	328	859
Value traded YTD (in M€)	9,142	12.4	305.3	6,713	16,173
Traded volume (in M)	323	1.6	16.3	519	860
Traded volume YTD (in M)	4,910	28.2	321.3	8,524	13,783
Number of trades	117,966	365	6,139	97,386	221,856
Number of trades YTD	1,902,219	5,803	85,574	1,851,147	3,844,743

# NYSE EURONEXT EXTENDS YOUR TRADING HORIZON

NYSE Euronext introduces on the regulated market Extended Trading Hours for Warrants & Certificates which can now be traded between 8:00am and 6:30pm.

For more information, please visit: etp.nyx.com







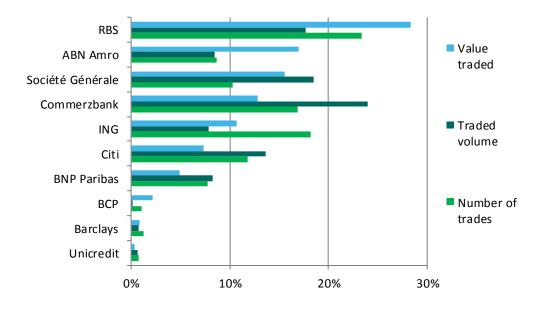
**NYSE Euronext European Markets** 

#### **Issuers**

The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE Euronext markets per issuer, as well as the variation over the previous month and the weight of each issuer over the total of all NYSE Euronext markets.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded \	/olume		Ν	lumber c	ftrades	
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
RBS	11.6	-26%	-33%	28.3%	7.2	-18%	-9.7%	17.7%	2,467	-25%	-27%	23.4%
ABN Amro	6.9	-27%	-28%	17.0%	3.5	-16%	-19%	8.5%	917	-23%	-25%	8.7%
Société Générale	6.4	-33%	-45%	15.6%	7.6	-21%	-16%	18.5%	1,089	-42%	-48%	10.3%
Commerzbank	5.2	-29%	-33%	12.8%	9.8	-24%	-23%	24.0%	1,784	-29%	-27%	16.9%
ING	4.4	-18%	-35%	10.7%	3.2	-12%	-25%	7.9%	1,919	-19%	-19%	18.2%
Citi	3.0	-15%	-37%	7.4%	5.6	-15%	-38%	13.6%	1,251	-19%	-32%	11.8%
BNP Paribas	2.0	-26%	-42%	4.9%	3.4	-16%	-32%	8.3%	819	-22%	-35%	7.8%
ВСР	0.9	64%	132%	2.2%	0.1	98%	-3.8%	0.2%	109	18%	116%	1.0%
Barclays	0.3	-46%	-48%	0.8%	0.3	-43%	-44%	0.7%	129	-42%	-39%	1.2%
Unicredit	0.1	-39%	-24%	0.3%	0.3	-22%	-31%	0.6%	81	-31%	29%	0.8%
Total	40.9	-26%	-35%		41.0	-19%	-23%		10,565	-26%	-29%	

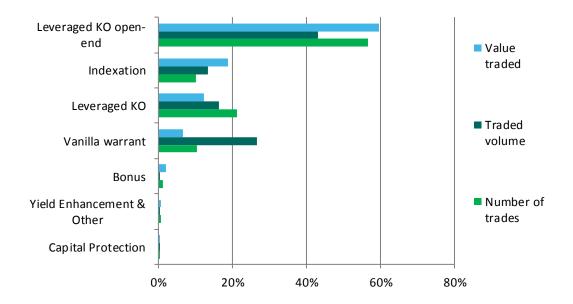


## **Product types**

Normal text The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE Euronext markets per issuer, as well as the variation over the previous month and the weight of each issuer over the total of all NYSE Euronext markets.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded  Daily Month vs. YTD Marke					Traded	volume		Number of trades				
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	
	average	on		share	average	on		share	average	on		share	
	(in M€)	month			(in M)	month				month			
Leveraged KO open-end	24.4	-26%	-32%	59.5%	17.7	-14%	-13%	43.2%	5,970	-22%	-20%	56.5%	
Indexation	7.7	-26%	-35%	18.7%	5.5	-8.1%	30%	13.4%	1,073	-39%	-36%	10.2%	
Leveraged KO	5.0	-25%	-41%	12.3%	6.7	-20%	-34%	16.4%	2,235	-25%	-37%	21.2%	
Vanilla warrant	2.7	-30%	-47%	6.7%	10.9	-29%	-41%	26.6%	1,098	-35%	-44%	10.4%	
Bonus	0.8	-0.2%	-10%	2.0%	0.1	2.5%	42%	0.3%	134	-9.8%	3.8%	1.3%	
Yield Enhancement & Other	0.3	-34%	-27%	0.8%	0.0	46%	-30%	0.0%	55	-18%	-24%	0.5%	
Capital Protection	0.0	-38%	12%	0.0%	0.0	-38%	11%	0.0%	1	-41%	38%	0.0%	
Total	40.9	-26%	-35%		41	-19%	-23%		10,565	-26%	-29%		

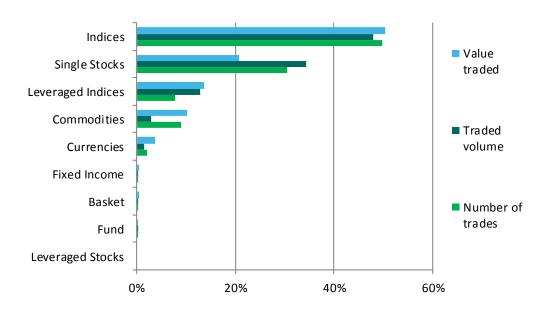


## **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE Euronext markets per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of all NYSE Euronext markets.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	olume/		١	lumber c	ftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	20.6	-26%	-38%	50.3%	19.6	-23%	-30%	47.9%	5,259	-29%	-34%	49.8%
Single Stocks	8.5	-11%	-19%	20.8%	14.0	-16%	-25%	34.3%	3,230	-12%	-14%	30.6%
Leveraged Indices	5.6	-33%	-40%	13.6%	5.3	-8.1%	38%	12.8%	815	-46%	-44%	7.7%
Commodities	4.2	-43%	-39%	10.1%	1.2	-30%	-24%	3.0%	941	-27%	-25%	8.9%
Currencies	1.5	14%	-23%	3.7%	0.6	-1.7%	-23%	1.5%	214	-8.9%	-35%	2.0%
Fixed Income	0.2	-38%	-63%	0.5%	0.0	-24%	-60%	0.1%	40	-14%	-51%	0.4%
Basket	0.2	-27%	-27%	0.5%	0.0	3.5%	-15%	0.1%	18	-5.3%	-16%	0.2%
Fund	0.1	60%	87%	0.3%	0.0	-11%	24%	0.1%	2	-80%	-15%	0.0%
Leveraged Stocks	0.1	-20%	-58%	0.2%	0.1	-11%	-51%	0.3%	29	-22%	-43%	0.3%
Leveraged Commodities	0.0	23%	249%	0.1%	0.0	242%	157%	0.0%	13	14%	332%	0.1%
Total	40.9	-26%	-35%		41	-19%	-23%		10,562	-26%	-29%	

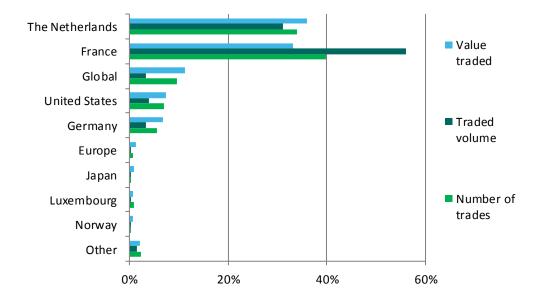


## Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE Euronext markets per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of all NYSE Euronext markets.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	olume/		١	lumber c	ftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
The Netherlands	14.7	-19%	-28%	35.9%	12.7	-13%	-18%	31.1%	3,583	-20%	-23%	33.9%
France	13.5	-32%	-41%	33.1%	23.0	-22%	-25%	56.2%	4,205	-33%	-37%	39.8%
Global	4.6	-42%	-38%	11.3%	1.3	-30%	-26%	3.3%	1,013	-27%	-25%	9.6%
United States	3.0	-12%	-33%	7.4%	1.6	-9.1%	-26%	4.0%	748	-11%	-17%	7.1%
Germany	2.8	-25%	-43%	6.8%	1.3	-26%	-28%	3.3%	577	-32%	-36%	5.5%
Europe	0.6	74%	13%	1.4%	0.1	17%	-44%	0.3%	65	30%	39%	0.6%
Japan	0.3	92%	-23%	0.8%	0.1	-22%	-17%	0.2%	35	22%	15%	0.3%
Luxembourg	0.3	-25%	-44%	0.7%	0.1	-33%	-57%	0.3%	93	-16%	-42%	0.9%
Norway	0.3	ND	423%	0.6%	0.0	ND	285%	0.0%	2	-34%	-47%	0.0%
Other	0.8	-9.3%	-12%	2.0%	0.6	16%	0.7%	1.4%	243	1.2%	-9.7%	2.3%
Total	40.9	-26%	-35%		41	-19%	-23%		10,565	-26%	-29%	

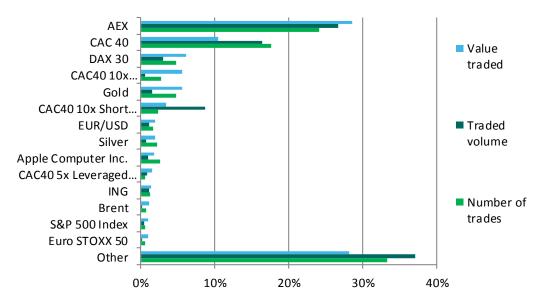


#### Top 15 underlyings

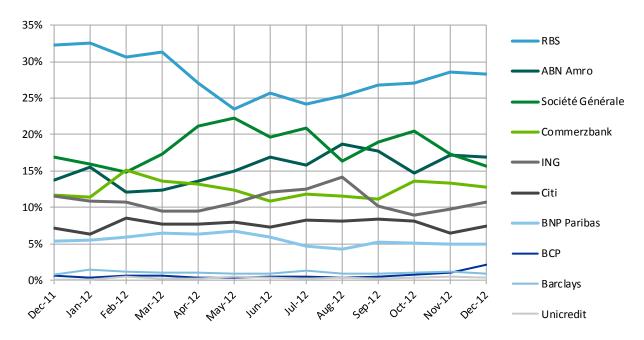
The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE Euronext markets for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of all NYSE Euronext markets.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

	Value traded  Daily Month vs. YTD Mark					Traded	/olume		N	lumber c	ftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
AEX	11.7	-21%	-31%	28.6%	10.9	-13%	-16%	26.7%	2,553	-25%	-27%	24.2%
CAC 40	4.3	-43%	-53%	10.5%	6.7	-35%	-44%	16.4%	1,860	-36%	-42%	17.6%
DAX 30	2.5	-23%	-39%	6.2%	1.2	-25%	-21%	3.0%	512	-33%	-34%	4.8%
CAC40 10x Leveraged Index	2.3	-35%	-8.5%	5.7%	0.2	-59%	-35%	0.5%	294	-52%	-29%	2.8%
Gold	2.3	-44%	-39%	5.5%	0.7	-26%	-17%	1.6%	501	-25%	-21%	4.7%
CAC40 10x Short Index	1.4	-47%	-30%	3.4%	3.6	-0.7%	163%	8.7%	253	-46%	-30%	2.4%
EUR/USD	0.8	-15%	-35%	2.0%	0.5	2.9%	-30%	1.2%	173	-6.5%	-36%	1.6%
Silver	0.8	-40%	-35%	1.9%	0.3	-30%	-24%	0.8%	233	-25%	-17%	2.2%
Apple Computer Inc.	0.7	-12%	-40%	1.8%	0.4	1.6%	-3.8%	1.0%	271	8.6%	18%	2.6%
CAC40 5x Leveraged Index	0.6	9.4%	-48%	1.6%	0.3	-13%	-60%	0.8%	59	-33%	-63%	0.6%
ING	0.6	-32%	-58%	1.5%	0.5	-31%	-59%	1.2%	139	-21%	-59%	1.3%
Brent	0.5	-42%	-55%	1.1%	0.1	-48%	-44%	0.2%	80	-39%	-54%	0.8%
S&P 500 Index	0.4	3.8%	-47%	1.1%	0.2	-1.3%	-45%	0.5%	65	-40%	-53%	0.6%
Euro STOXX 50	0.4	74%	6.7%	1.0%	0.1	-19%	-56%	0.2%	57	60%	42%	0.5%
Other	11.5	-12%	-26%	28.2%	15.2	-16%	-24%	37.1%	3,518	-17%	-20%	33.3%
Total	40.9	-26%	-35%		41	-19%	-23%		10,565	-26%	-29%	

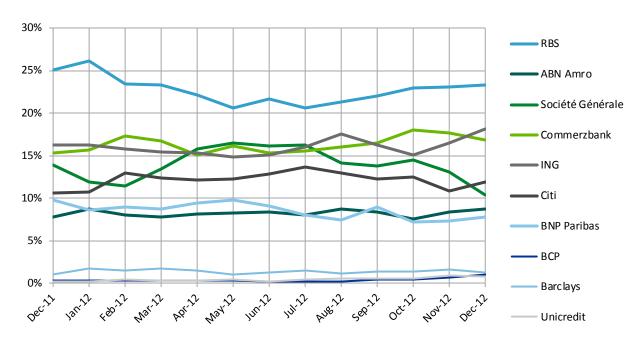


The historical graph below displays the weight of the traded value of each issuer over the total traded value across all NYSE Euronext markets.

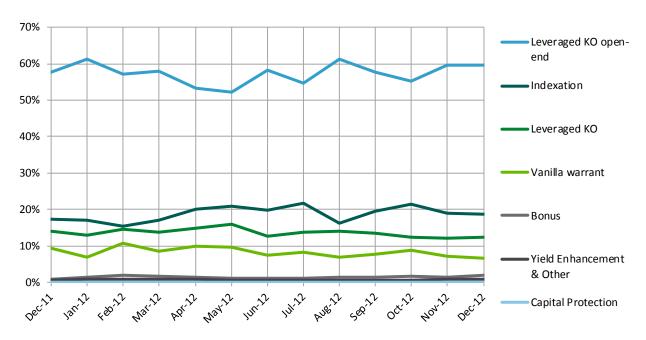


#### Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume across all NYSE Euronext markets.

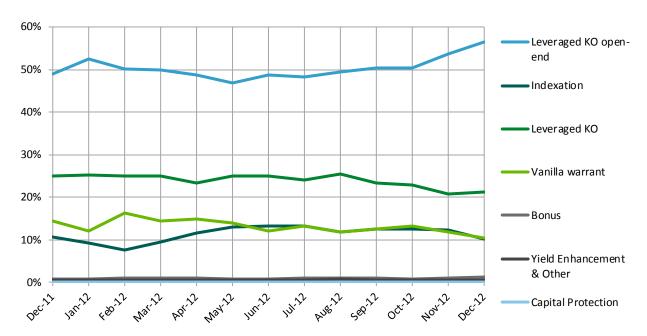


The historical graph below displays the weight of the traded value of each product type over the total traded value across all NYSE Euronext markets.

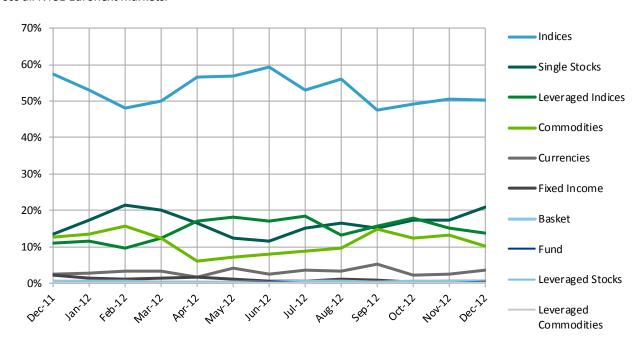


#### Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all NYSE Euronext markets.

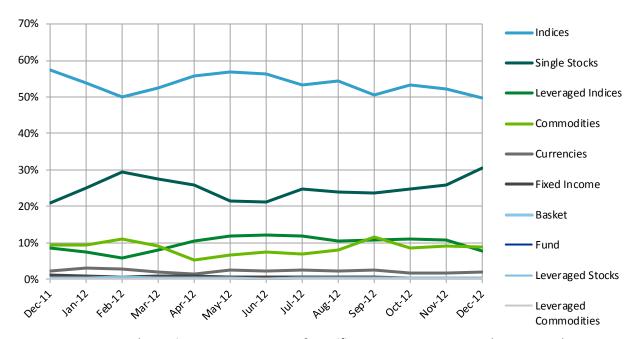


The historical graph below displays the weight of the traded value of each underlying type over the total traded value across all NYSE Euronext markets.



## **Number of transactions**

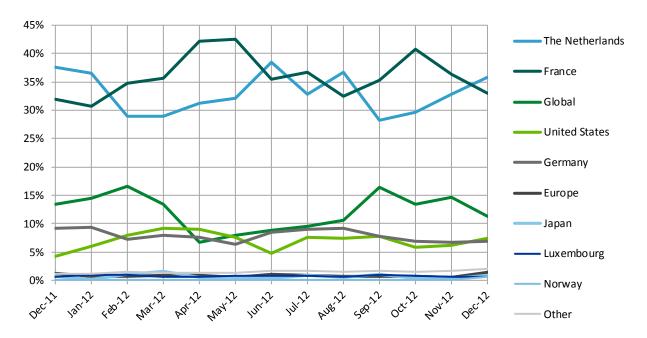
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all NYSE Euronext markets.



## MARKET TREND: UNDERLYING COUNTRIES

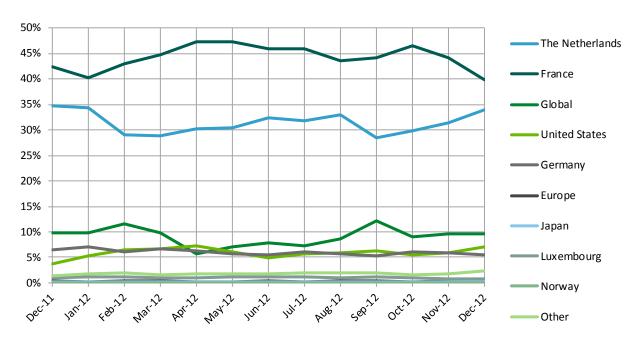
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value across all NYSE Euronext markets.

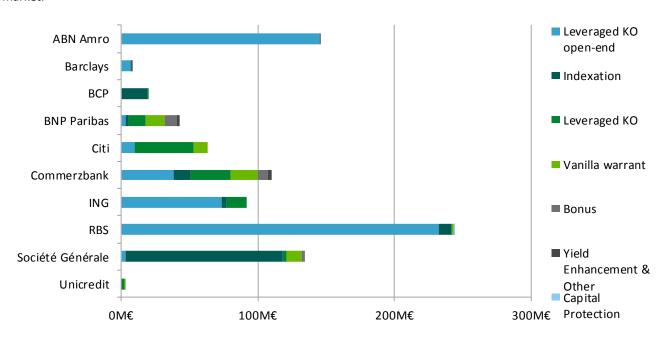


#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all NYSE Euronext markets.

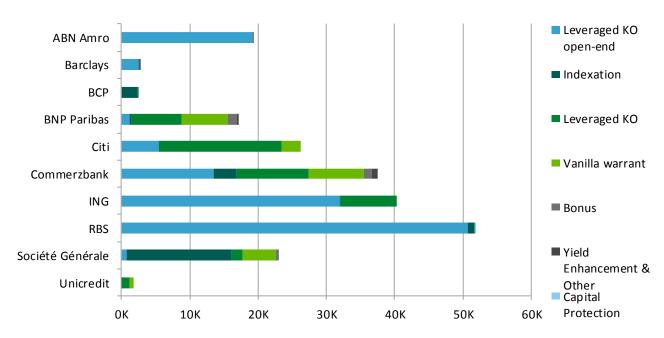


The chart below displays the value traded per product type (in million Euros) for each issuer active in an NYSE Euronext market.



#### Number of transactions

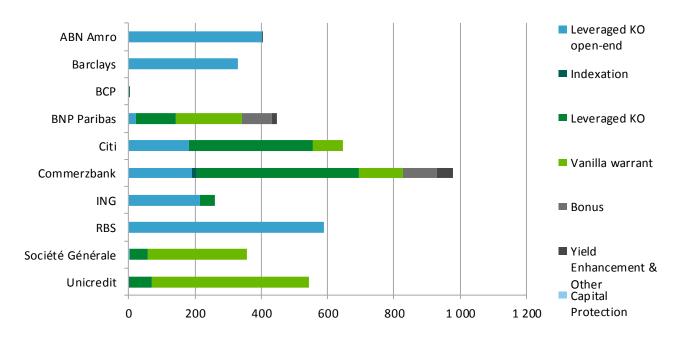
The chart below displays the number of trades per product type for each issuer active in an NYSE Euronext market.



Market Activity Report - Warrants & Certificates - NYSE Euronext Markets - December 2012 15

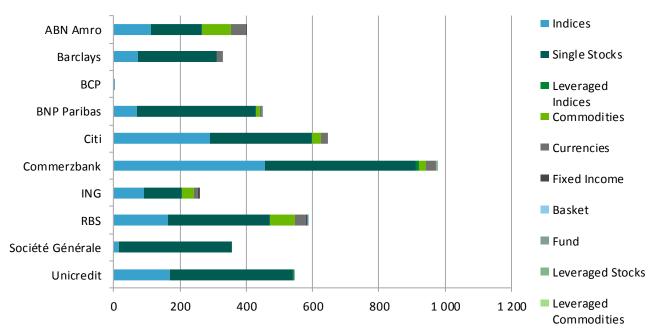
#### Product types

The chart below displays the number of new product listings during the month per product type for each issuer active in an NYSE Euronext market.



## **Underlying types**

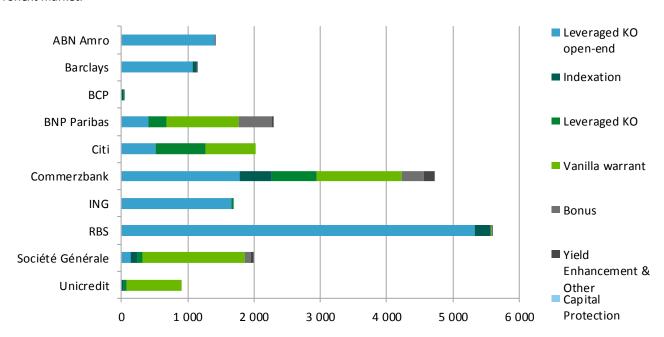
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an NYSE Euronext market.



## **ISSUER ACTIVITY: PRODUCT RANGE**

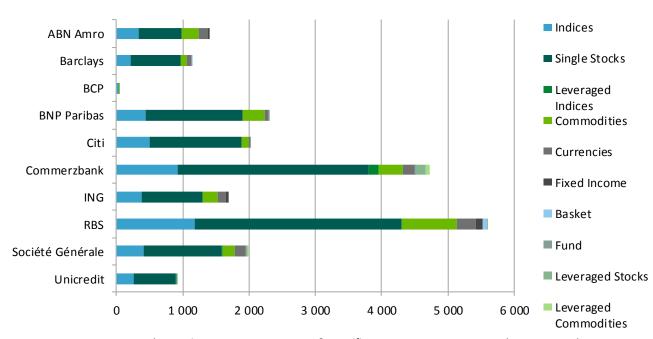
#### Product types

The chart below displays the number of existing product listings per product type for each issuer active in an NYSE Euronext market.



## **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active in an NYSE Euronext market.



Market Activity Report - Warrants & Certificates - NYSE Euronext Markets - December 2012 17

# **TOP 50 TRADED PRODUCTS**

## Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) across all NYSE Euronext markets.

						Value
Trading	ICINI Codo	Dun dun trun a	leaven	Name	Number of	
symbol	ISIN Code	Product type	Issuer	Name	trades	traded
COOOC	FD0044244F27	Dona in describe		CACAO DI ODENIC	F 476	(in K€)
69988	FR0011214527	Pure indexation	Société Générale	CAC10 PLOPENS	5,176	44,103
69998	FR0011214535	Pure indexation	Société Générale	CAC10 PI OPENS	5,312	29,473
6515N	NL0010253118	Leveraged KO open-end	RBS	AEX 336TL OPENN	1,519	13,584
77315	FR0010961078	Pure indexation	Société Générale	CAC5L PI OPENS	1,164	13,160
6940\$	FR0011119395	Pure indexation	Société Générale	CAC7L PI OPENS	512	7,862
D121A	NL0010316360	Leveraged KO open-end	ABN Amro	AEX 340TL OPENA	432	7,166
6625N	NL0010254041	Leveraged KO open-end	RBS	AEX 339TL OPENN	889	7,046
5293N	NL0010223723	Leveraged KO open-end	RBS	AEX 352.7BS OPENN	1,841	6,821
6295A	NL0009714765	Leveraged KO open-end	ABN Amro	AEX 363TS OPENA	649	6,580
T743N	NL0009694256	Leveraged KO open-end	RBS	AEX 371 TS OPENN	1,079	6,494
5604A	NL0009645886	Leveraged KO open-end	ABN Amro	AEX 366TS OPENA	581	6,371
SH10Z	DE000CZ28ZD0	Pure indexation	Commerzbank	SH10Z FACOPENZ	1,492	6,020
7734S	FR0010961102	Pure indexation	Société Générale	CAC5S PLOPENS	793	5,874
4206A	NL0009607613	Leveraged KO open-end	ABN Amro	AEX 385TS OPENA	527	5,445
6380N	NL0010251906	Leveraged KO open-end	RBS	AEX 324TL OPENN	259	5,413
6504N	NL0010253001	Leveraged KO open-end	RBS	AEX 332BL OPENN	827	5,353
D038A	NL0010156717	Leveraged KO open-end	ABN Amro	AEX 334TL OPENA	365	5,242
6387N	NL0010251971	Leveraged KO open-end	RBS	EUNOK 6.5TL OPENN	9	5,231
1029P	PTBITAYE0046	Pure indexation	ВСР	SP500 PLOPENP	481	5,207
6505N	NL0010253019	Leveraged KO open-end	RBS	AEX 335BL OPENN	1,611	5,042
C990A	NL0010156154	Leveraged KO open-end	ABN Amro	AEX 330TL OPENA	543	4,817
6692N	NL0010254678	Leveraged KO open-end	RBS	AEX 342TL OPENN	618	4,763
LV10Z	DE000CZ28ZC2	Pure indexation	Commerzbank	LV10Z FACOPENZ	995	4,557
6620N	NL0010254009	Leveraged KO open-end	RBS	AEX 338BL OPENN	1,293	4,388
2026G	NL0009616960	Leveraged KO open-end	ING	AEX 366SPSOPENG	801	4,317
U039N	NL0009700251	Leveraged KO open-end	RBS	AEX 369 TS OPENN	816	4,203
7919C	DE000CT9G8G5	Vanilla warrant	Citi	DAX 7500C 0613C	38	4,053
U467N	NL0009750199	Leveraged KO open-end	RBS	<b>AEX 367 TS OPENN</b>	721	4,046
1898Z	DE000CM44LW5	Leveraged KO open-end	Commerzbank	GOLD 1296TL OPENZ	231	3,949
9202S	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	214	3,600
6514N	NL0010253100	Leveraged KO open-end	RBS	AEX 333TL OPENN	691	3,452
1025P	PTBIVRYE0068	Pure indexation	ВСР	ESTX PI OPENP	451	3,374
5292N	NL0010223715	Leveraged KO open-end	RBS	AEX 348.7BS OPENN	1,340	3,168
1027P	PTBITEYE0034	Pure indexation	ВСР	DAX PI OPENP	332	3,126
6686N	NL0010254637	Leveraged KO open-end	RBS	AEX 341BL OPENN	1,467	2,990
6947S	FR0011130350	Pure indexation	Société Générale	CAC7S PI OPENS	728	2,943
4109N	NL0006276479	Leveraged KO open-end	RBS	AEX 399 TS OPENN	61	2,745
D037A	NL0010156709	Leveraged KO open-end	ABN Amro	AEX 332TL OPENA	242	2,725
D317A	NL0010318325	Leveraged KO open-end	ABN Amro	AEX 342TL OPENA	258	2,642
6452N	NL0010252532	Leveraged KO open-end	RBS	AIRFR 6.7TL OPENN	231	2,630
E843G	NL0010232332	Leveraged KO open-end	ING	AEX 337.4SPLOPENG	1,623	2,618
6428N	NL0010252334	Leveraged KO open-end	RBS	AEX 329BL OPENN	298	2,603
6418N	NL0010252250	Leveraged KO open-end	RBS	AEX 327TL OPENN	304	2,533
6437N	NL0010252417	Leveraged KO open-end	RBS	AEX 330TL OPENN	442	2,355
5603A	NL0009645878	Leveraged KO open-end	ABN Amro	AEX 368TS OPENA	329	2,309
4806N	NL0005343375	Leveraged KO open-end	RBS	AEX 375 TS OPENN	606	2,258
U598N	NL0000343343	Leveraged KO open-end	RBS	AEX 365TS OPENN	433	2,195
6538A	NL0009717198	Leveraged KO open-end	ABN Amro	AEX 361TS OPENA	225	2,182
2697C	DE0005717198	Leveraged KO	Citi	CAC40 3700TS 0313C	1,091	2,182
6268A	NL0009714492	Leveraged KO open-end	ABN Amro	AEX 364TS OPENA	222	2,128
	VSE Europoyt)	Leverageu NO open-end	ADN AIIIU	ALA 30413 UPENA	222	2,004



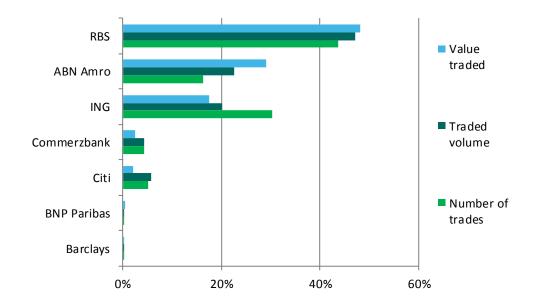
**NYSE Euronext Amsterdam** 

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Amsterdam per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded \	/olume		N	lumber c	ftrades	
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
RBS	11.5	-26%	-33%	48.2%	7.2	-18%	-9.7%	47.1%	2,452	-26%	-27%	43.6%
ABN Amro	6.9	-27%	-28%	29.1%	3.5	-16%	-19%	22.6%	917	-23%	-25%	16.3%
ING	4.2	-16%	-33%	17.5%	3.1	-8.2%	-23%	20.1%	1,702	-15%	-16%	30.3%
Commerzbank	0.6	-31%	-45%	2.4%	0.7	-34%	-39%	4.4%	242	-22%	-30%	4.3%
Citi	0.5	-27%	-59%	2.1%	0.9	12%	-46%	5.7%	286	-17%	-33%	5.1%
BNP Paribas	0.1	74%	277%	0.6%	0.0	70%	295%	0.2%	20	12%	147%	0.3%
Barclays	0.0	-19%	52%	0.1%	0.0	100%	665%	0.0%	1	-16%	47%	0.0%
Total	23.9	-25%	-33%		15.4	-15%	-19%		5,618	-21%	-24%	

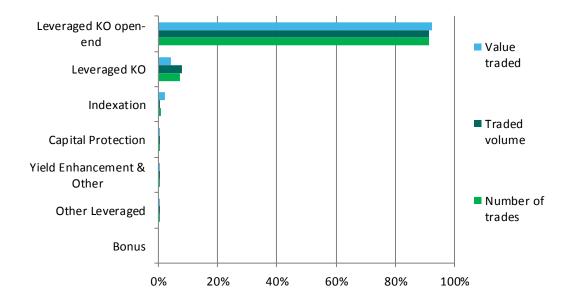


## **Product types**

Normal text The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Amsterdam per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	olume/		١	lumber c	ftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Leveraged KO open-end	22.1	-25%	-32%	92.6%	14.1	-14%	-14%	91.5%	5,142	-21%	-19%	91.5%
Leveraged KO	1.0	-19%	-53%	4.4%	1.2	-21%	-53%	7.8%	411	-31%	-56%	7.3%
Indexation	0.5	-36%	-29%	2.1%	0.0	-52%	-37%	0.3%	41	-17%	-24%	0.7%
Capital Protection	0.0	-38%	13%	0.1%	0.0	-38%	11%	0.1%	1	-41%	41%	0.0%
Yield Enhancement & Other	0.0	-48%	-42%	0.0%	0.0	-48%	-42%	0.0%	0	-65%	-59%	0.0%
Other Leveraged	0.1	50%	179%	0.3%	0.0	-16%	4.6%	0.1%	3	-5.6%	-35%	0.1%
Bonus	0.1	72%	274%	0.6%	0.0	70%	295%	0.2%	19	12%	146%	0.3%
Reverse Convertibles/Exchangea												
Total	23.8	-25%	-33%		15	-15%	-19%		5,617	-21%	- 24%	

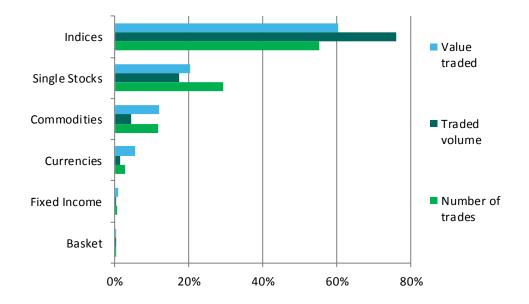


## **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Amsterdam per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of NYSE Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	olume/		١	lumber c	ftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indices	14.4	-25%	-36%	60.3%	11.7	-15%	-19%	76.2%	3,110	-26%	-29%	55.4%
Single Stocks	4.9	-10%	-18%	20.5%	2.7	-10%	-18%	17.4%	1,641	-7.6%	-6.8%	29.2%
Commodities	2.9	-47%	-38%	12.0%	0.7	-37%	-25%	4.5%	663	-31%	-27%	11.8%
Currencies	1.3	39%	-19%	5.5%	0.2	18%	-21%	1.5%	151	-1.3%	-34%	2.7%
Fixed Income	0.2	-23%	-61%	0.8%	0.0	-22%	-59%	0.2%	32	-11%	-49%	0.6%
Basket	0.2	-28%	-26%	0.7%	0.0	3.4%	-15%	0.1%	16	-11%	-17%	0.3%
Fund	0.0	-27%	7.5%	0.1%	0.0	-37%	-6.0%	0.1%	1	-43%	-15%	0.0%
Leveraged Indices	0.0	-75%	-98%	0.0%	0.0	-79%	-99%	0.0%	0	-87%	-78%	0.0%
Total	23.8	-25%	-33%		15	-15%	-19%		5,615	-21%	-24%	

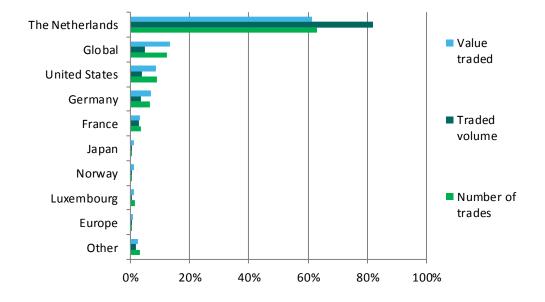


## Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of NYSE Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded  Daily Month vs. YTD Market					Traded v	olume		N	lumber o	ftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
The Netherlands	14.6	-19%	-28%	61.3%	12.6	-13%	-18%	81.9%	3,545	-20%	-23%	63.1%
Global	3.2	-47%	-39%	13.4%	0.7	-37%	-30%	4.8%	700	-32%	-28%	12.5%
United States	2.1	-20%	-43%	8.7%	0.6	-14%	-37%	3.8%	494	-14%	-23%	8.8%
Germany	1.6	-36%	-55%	6.9%	0.6	-32%	-36%	3.6%	373	-31%	-34%	6.6%
France	0.8	-26%	-3.5%	3.2%	0.5	-14%	2.3%	2.9%	192	-26%	-16%	3.4%
Japan	0.3	94%	-35%	1.1%	0.0	8.5%	0.7%	0.2%	24	26%	11%	0.4%
Norway	0.3	ND	423%	1.1%	0.0	ND	285%	0.1%	2	-34%	-47%	0.0%
Luxembourg	0.2	-18%	-46%	1.0%	0.1	-31%	-47%	0.5%	80	-14%	-40%	1.4%
Europe	0.2	50%	5.4%	0.9%	0.1	90%	26%	0.4%	32	100%	17%	0.6%
Other	0.6	-18%	-11%	2.6%	0.3	19%	17%	1.7%	176	-0.4%	-6.4%	3.1%
Total	23.9	-25%	-33%		15	-15%	-19%		5,618	-21%	-24%	

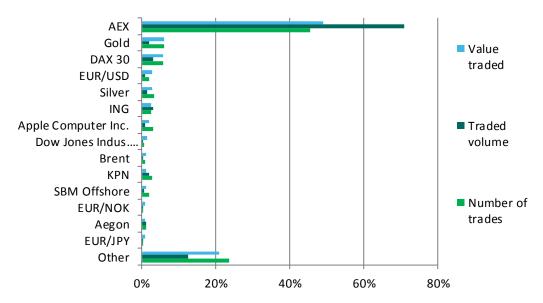


## Top 15 underlyings

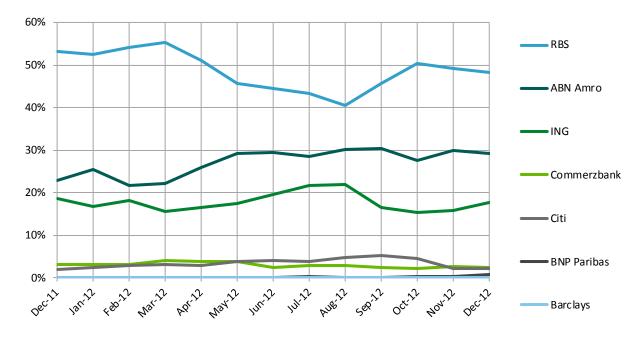
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Amsterdam for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded \	olume/		١	lumber c	ftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
AEX	11.7	-21%	-31%	49.1%	10.9	-13%	-16%	71.1%	2,553	-25%	-27%	45.4%
Gold	1.4	-51%	-39%	5.9%	0.3	-41%	-22%	2.0%	336	-32%	-24%	6.0%
DAX 30	1.4	-38%	-55%	5.8%	0.5	-33%	-35%	3.1%	320	-32%	-33%	5.7%
EUR/USD	0.7	2.5%	-30%	2.8%	0.2	15%	-27%	1.0%	118	-1.4%	-35%	2.1%
Silver	0.7	-45%	-35%	2.7%	0.2	-33%	-21%	1.6%	193	-29%	-16%	3.4%
ING	0.6	-32%	-58%	2.5%	0.5	-31%	-59%	3.1%	138	-21%	-59%	2.5%
Apple Computer Inc.	0.5	-28%	-51%	2.0%	0.1	-0.1%	-42%	0.8%	177	-2.5%	5.8%	3.1%
Dow Jones Indus. Avg.	0.3	-19%	-32%	1.4%	0.1	-33%	-25%	0.3%	42	-30%	-28%	0.8%
Brent	0.3	-41%	-51%	1.3%	0.0	-26%	-44%	0.2%	49	-40%	-55%	0.9%
KPN	0.3	97%	215%	1.3%	0.3	90%	276%	2.0%	162	76%	267%	2.9%
SBM Offshore	0.3	42%	143%	1.2%	0.1	-2.8%	123%	0.7%	115	-2.1%	97%	2.1%
EUR/NOK	0.3	ND	427%	1.1%	0.0	ND	285%	0.1%	2	-34%	-47%	0.0%
Aegon	0.2	19%	-25%	1.0%	0.2	-11%	-37%	1.3%	74	11%	-23%	1.3%
EUR/JPY	0.2	130%	-37%	1.0%	0.0	7.4%	2.1%	0.1%	15	29%	9.0%	0.3%
Other	5.0	-24%	-25%	20.8%	1.9	-18%	-20%	12.6%	1,324	-18%	-19%	23.6%
Total	23.9	-25%	-33%		15	-15%	-19%		5,618	-21%	-24%	

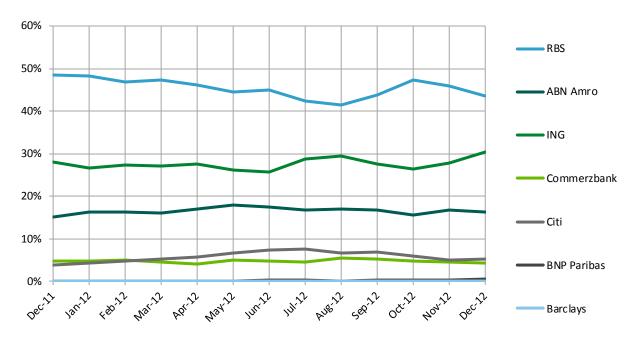


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Amsterdam.

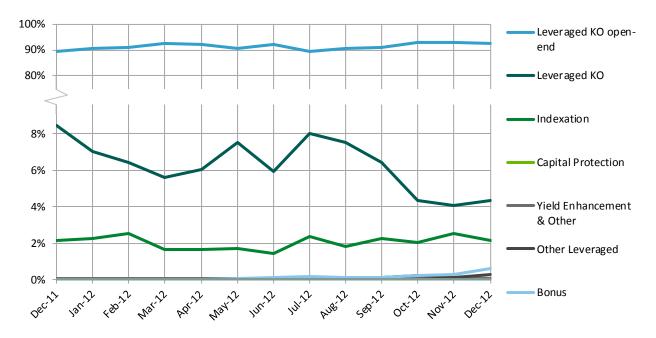


#### Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Amsterdam.

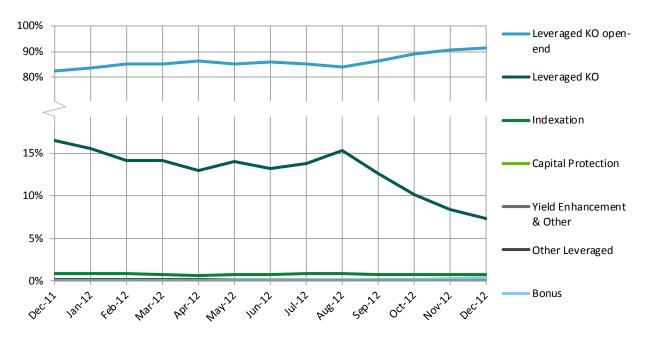


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Amsterdam.

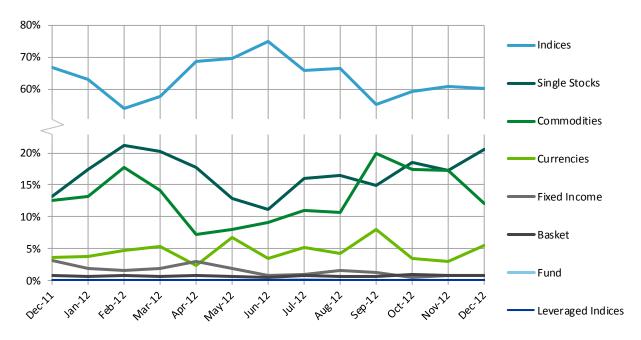


#### Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Amsterdam.

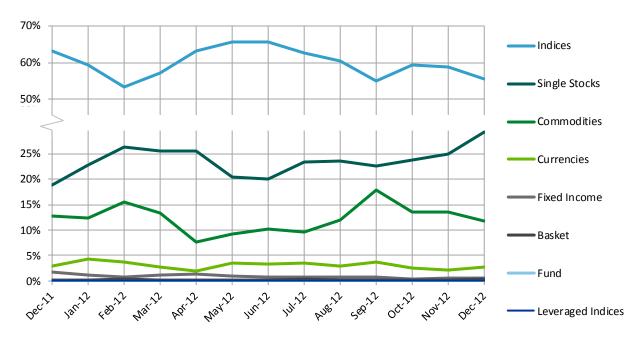


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Amsterdam.



#### Number of transactions

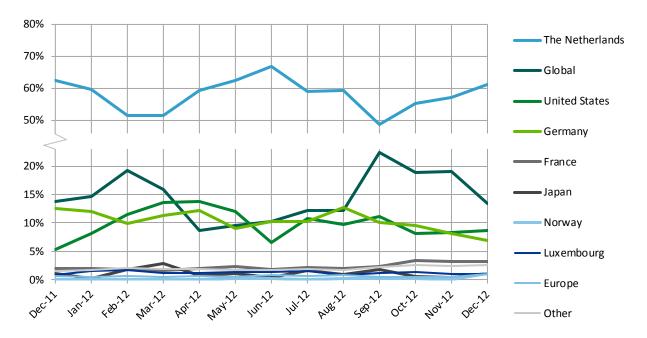
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Amsterdam.



## MARKET TREND: UNDERLYING COUNTRIES

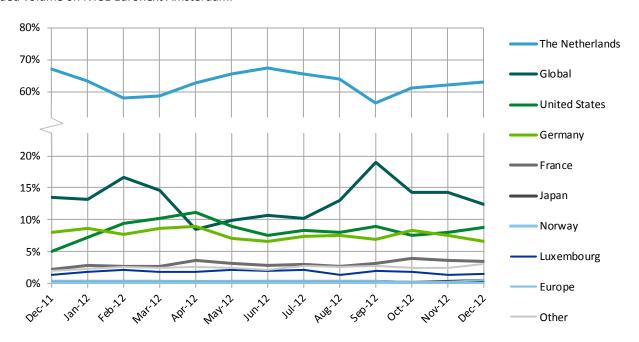
#### Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on NYSE Euronext Amsterdam.

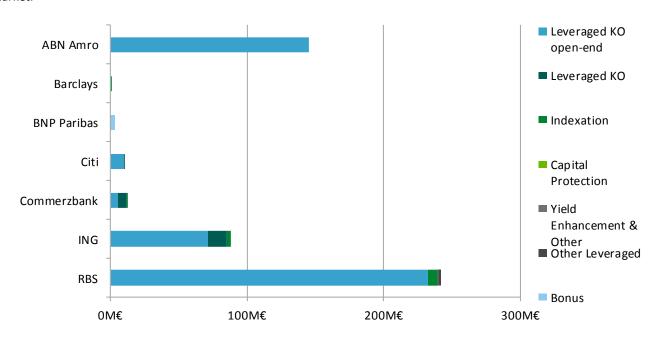


#### Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Amsterdam.

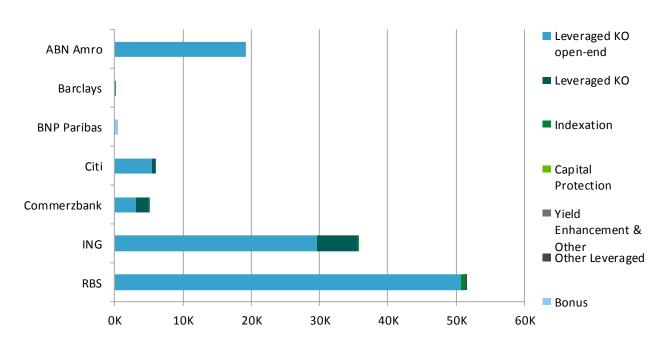


The chart below displays the value traded per product type (in million Euros) for each issuer active in an NYSE Euronext market.



#### **Number of transactions**

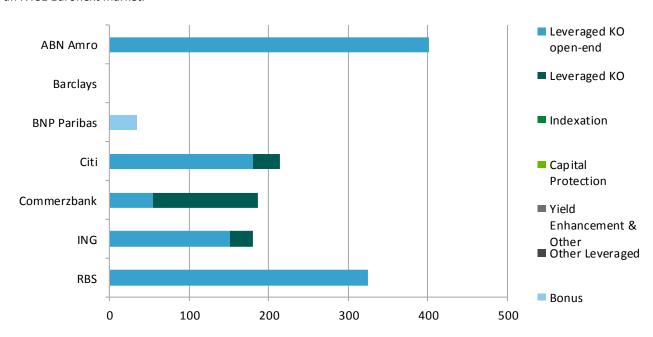
The chart below displays the number of trades per product type for each issuer active in an NYSE Euronext market.



Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - December 2012 29

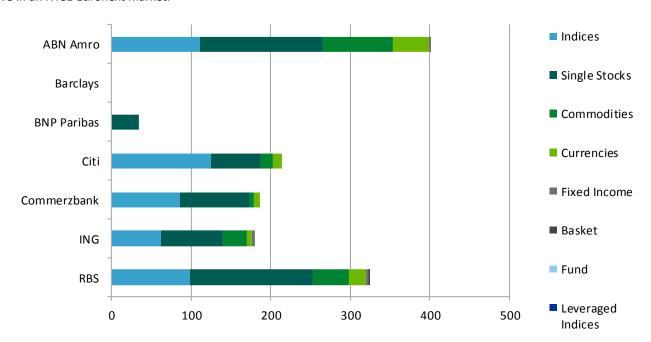
#### Product types

The chart below displays the number of new product listings during the month per product type for each issuer active in an NYSE Euronext market.



## **Underlying types**

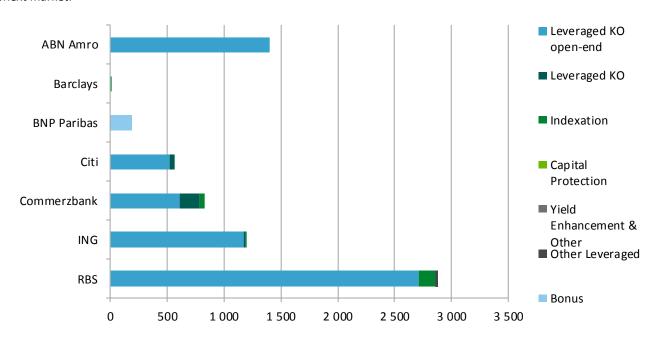
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an NYSE Euronext market.



## **ISSUER ACTIVITY: PRODUCT RANGE**

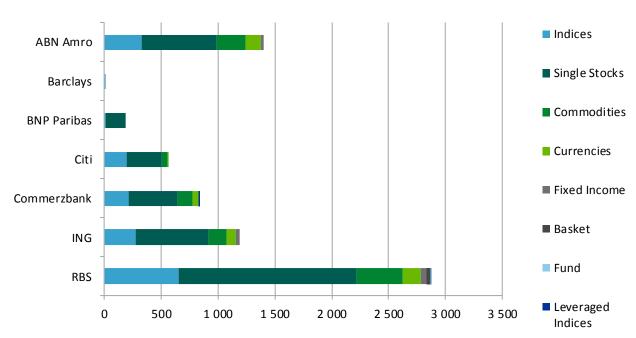
#### **Product types**

The chart below displays the number of existing product listings per product type for each issuer active in an NYSE Euronext market.



## **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active in an NYSE Euronext market.



Market Activity Report - Warrants & Certificates - NYSE Euronext Amsterdam - December 2012 31

# **TOP 50 TRADED PRODUCTS**

Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on NYSE Euronext Amsterdam.

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
6515N	NL0010253118	Leveraged KO open-end	RBS	AEX 336TL OPENN	1,519	13,584
D121A	NL0010316360	Leveraged KO open-end	ABN Amro	AEX 340TL OPENA	432	7,166
6625N	NL0010310300	Leveraged KO open-end	RBS	AEX 339TL OPENN	889	7,046
5293N	NL0010237071	Leveraged KO open-end	RBS	AEX 352.7BS OPENN	1,841	6,821
6295A	NL0010223723 NL0009714765	Leveraged KO open-end	ABN Amro	AEX 332.763 OF ENN AEX 363TS OPENA	649	6,580
T743N	NL0009714703 NL0009694256	Leveraged KO open-end	RBS	AEX 371 TS OPENN	1,079	6,494
5604A	NL0009645886	Leveraged KO open-end	ABN Amro	AEX 366TS OPENA	581	6,371
4206A		Leveraged KO open-end	ABN Amro		527	5,445
6380N	NL0009607613	Leveraged KO open-end	RBS	AEX 385TS OPENA AEX 324TL OPENN	259	
	NL0010251906		RBS		259 827	5,413
6504N	NL0010253001	Leveraged KO open-end		AEX 332BL OPENN		5,353
D038A	NL0010156717	Leveraged KO open-end	ABN Amro	AEX 334TL OPENA	365	5,242
6387N	NL0010251971	Leveraged KO open-end	RBS	EUNOK 6.5TL OPENN	9	5,231
6505N	NL0010253019	Leveraged KO open-end	RBS	AEX 335BL OPENN	1,611	5,042
C990A	NL0010156154	Leveraged KO open-end	ABN Amro	AEX 330TL OPENA	543	4,817
6692N	NL0010254678	Leveraged KO open-end	RBS	AEX 342TL OPENN	618	4,763
6620N	NL0010254009	Leveraged KO open-end	RBS	AEX 338BL OPENN	1,293	4,388
2026G	NL0009616960	Leveraged KO open-end	ING	AEX 366SPSOPENG	801	4,317
U039N	NL0009700251	Leveraged KO open-end	RBS	AEX 369 TS OPENN	816	4,203
U467N	NL0009750199	Leveraged KO open-end	RBS	AEX 367 TS OPENN	721	4,046
6514N	NL0010253100	Leveraged KO open-end	RBS	AEX 333TL OPENN	691	3,452
5292N	NL0010223715	Leveraged KO open-end	RBS	AEX 348.7BS OPENN	1,340	3,168
6686N	NL0010254637	Leveraged KO open-end	RBS	AEX 341BL OPENN	1,467	2,990
4109N	NL0006276479	Leveraged KO open-end	RBS	AEX 399 TS OPENN	61	2,745
D037A	NL0010156709	Leveraged KO open-end	ABN Amro	AEX 332TL OPENA	242	2,725
D317A	NL0010318325	Leveraged KO open-end	ABN Amro	AEX 342TL OPENA	258	2,642
6452N	NL0010252532	Leveraged KO open-end	RBS	AIRFR 6.7TL OPENN	231	2,630
E843G	NL0010217097	Leveraged KO open-end	ING	AEX 337.4SPLOPENG	1,623	2,618
6428N	NL0010252334	Leveraged KO open-end	RBS	AEX 329BL OPENN	298	2,603
6418N	NL0010252250	Leveraged KO open-end	RBS	AEX 327TL OPENN	304	2,533
6437N	NL0010252417	Leveraged KO open-end	RBS	AEX 330TL OPENN	442	2,355
5603A	NL0009645878	Leveraged KO open-end	ABN Amro	AEX 368TS OPENA	329	2,309
4806N	NL0006343345	Leveraged KO open-end	RBS	AEX 375 TS OPENN	606	2,258
U598N	NL0009754076	Leveraged KO open-end	RBS	AEX 365TS OPENN	433	2,195
6538A	NL0009717198	Leveraged KO open-end	ABN Amro	AEX 361TS OPENA	225	2,182
6268A	NL0009714492	Leveraged KO open-end	ABN Amro	AEX 364TS OPENA	222	2,084
E926G	NL0010217923	Leveraged KO open-end	ING	AEX 340.9TL OPENG	1,779	2,072
B758A	NL0010143814	Leveraged KO open-end	ABN Amro	DJIND12440TL OPENA	60	2,072
5294N	NL0010223731	Leveraged KO open-end	RBS	AEX 356.7BS OPENN	524	2,056
5636A	NL0009646207	Leveraged KO open-end	ABN Amro	AEX 379TS OPENA	267	2,005
D039A	NL0010156725	Leveraged KO open-end	ABN Amro	AEX 336TL OPENA	352	1,949
U538N	NL0009753045	Leveraged KO open-end	RBS	AEX 363TS OPENN	366	1,920
E791G	NL0010216578	Leveraged KO	ING	AEX 335LSL1212G	868	1,904
D066A	NL0010315818	Leveraged KO open-end	ABN Amro	AEX 338TL OPENA	364	1,896
6765N	NL0010355352	Leveraged KO open-end	RBS	AEX 347BS OPENN	799	1,747
D201A	NL0010337160	Leveraged KO open-end	ABN Amro	EUUSD1.275TL OPENA	34	1,738
5219N	NL0010134771	Leveraged KO open-end	RBS	AEX 345TS OPENN	838	1,624
C998A	NL0010156238	Leveraged KO open-end	ABN Amro	DAX 7280TL OPENA	195	1,614
B828A	NL0010130230	Leveraged KO open-end	ABN Amro	AEX 309TL OPENA	203	1,606
2202N	NL0010144313	Leveraged KO open-end	RBS	BUND 150TS OPENN	140	1,591
C963A	NL0010114427 NL0010155883	Leveraged KO open-end	ABN Amro	AEX 324TL OPENA	230	1,574
	/SE Furoneyt)	Leveraged NO open-end	ADIA AIIII O	ALA JZ41L OF LIVA	230	1,3/4



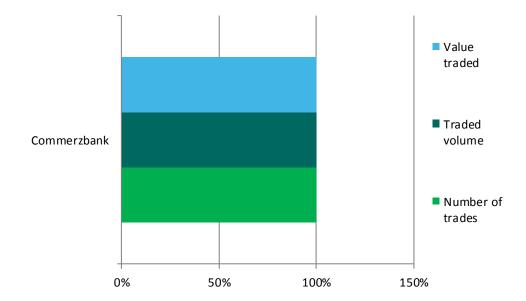
**NYSE Euronext Brussels** 

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Brussels.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded				Traded volume				Number of trades			
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Commerzbank	37.8	-17%	-21%	100.0%	77.9	-22%	-29%	100.0%	17	-17%	-23%	100.0%
Total	37.8	-17%	-21%		77.9	-22%	-29%		17	-17%	-23%	

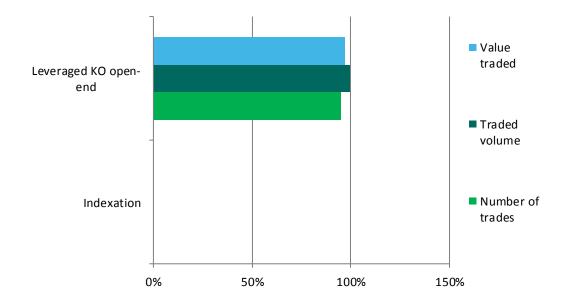


## **Product types**

Normal text The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Brussels.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

	Value traded				Traded volume				Number of trades			
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Leveraged KO open-end	36.7	-12%	-8.4%	97.0%	77.4	-18%	-14%	99.5%	17	-14%	-10%	95.1%
Indexation	1.1	-70%	-86%	3.0%	0.4	-92%	-98%	0.5%	1	-53%	-79%	4.9%
Vanilla warrant												
Total	37.8	-17%	-21%		77.9	-22%	-29%		17	-17%	-23%	

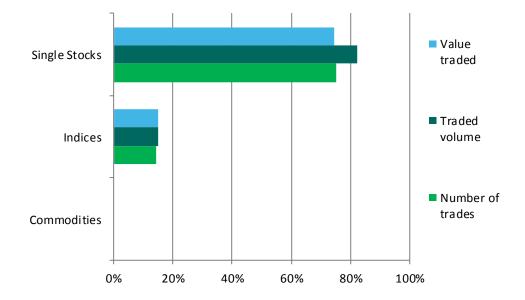


## **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of NYSE Euronext Brussels.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

	Value traded				Traded volume				Number of trades			
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Single Stocks	28.3	-25%	-37%	74.7%	64.2	-28%	-39%	82.4%	13	-20%	-38%	75.3%
Indices	5.7	28%	205%	15.2%	11.6	37%	291%	14.9%	2	-20%	132%	14.2%
Commodities	2.0	18%	177%	5.2%	1.3	35%	136%	1.7%	1	75%	256%	5.5%
Currencies	1.9	11%	533%	5.0%	0.8	-6.4%	480%	1.0%	1	-14%	453%	4.9%
Leveraged Indices												
Total	37.8	-17%	-21%		77.9	-22%	-29%		17	-17%	-23%	

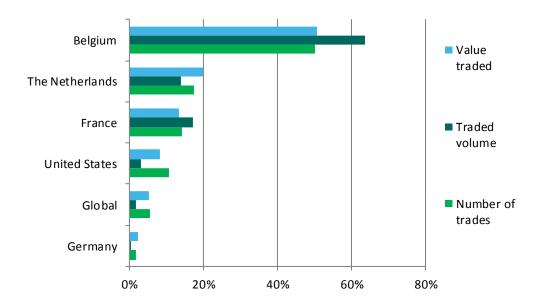


# Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of NYSE Euronext Brussels.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded  Daily Month vs. YTD Marke					Traded v	olume/		١	lumber c	ftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Belgium	19.1	32%	-30%	50.6%	49.5	5.8%	-16%	63.6%	9	-14%	-39%	50.1%
The Netherlands	7.5	-67%	-51%	19.9%	10.8	-73%	-75%	13.9%	3	-47%	-44%	17.5%
France	5.0	67%	137%	13.3%	13.4	56%	157%	17.2%	2	11%	100%	14.2%
United States	3.1	1.9%	115%	8.2%	2.4	-11%	55%	3.1%	2	10%	118%	10.7%
Global	2.0	18%	177%	5.2%	1.3	35%	136%	1.7%	1	75%	256%	5.5%
Germany	0.8	13%	538%	2.2%	0.2	-0.4%	499%	0.3%	0	-58%	251%	1.6%
Other	0.2		-65%	0.6%	0.2		-17%	0.2%	0		-85%	0.3%
Total	37.8	-17%	-21%		77.9	-22%	-29%		17	-17%	-23%	



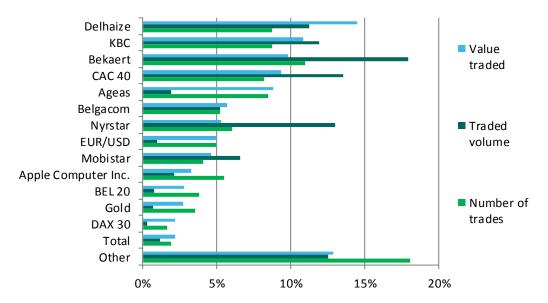
# MARKET OVERVIEW

# Top 15 underlyings

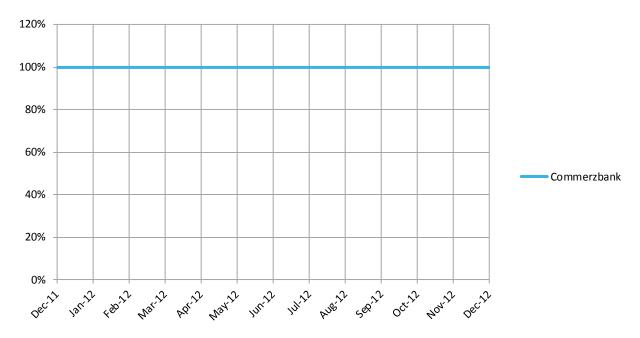
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Brussels.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

	Value traded  Daily Month vs. YTD Market					Traded \	olume/		١	lumber c	ftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Delhaize	5.5	63%	44%	14.5%	8.7	64%	86%	11.2%	2	16%	11%	8.8%
KBC	4.1	-78%	-63%	10.9%	9.3	-75%	-73%	12.0%	2	-63%	-58%	8.8%
Bekaert	3.7	-3.1%	-58%	9.8%	13.9	-33%	-40%	17.9%	2	-39%	-62%	11.0%
CAC 40	3.6	79%	633%	9.4%	10.6	43%	553%	13.6%	1	8.4%	494%	8.2%
Ageas	3.3	-14%	-1.3%	8.8%	1.5	-43%	-79%	1.9%	1	-4.5%	3.8%	8.5%
Belgacom	2.2	ND	163%	5.7%	4.1	ND	177%	5.3%	1	895%	178%	5.2%
Nyrstar	2.0	-5.0%	-36%	5.3%	10.1	-16%	-21%	13.0%	1	-32%	-41%	6.0%
EUR/USD	1.9	11%	533%	5.0%	0.8	-6.4%	480%	1.0%	1	-14%	453%	4.9%
Mobistar	1.7	50%	-36%	4.6%	5.1	16%	-15%	6.6%	1	-25%	-54%	4.1%
Apple Computer Inc.	1.2	-3.2%	25%	3.2%	1.6	-8.8%	35%	2.1%	1	50%	65%	5.5%
BEL 20	1.1	-38%	15%	2.8%	0.6	-28%	-35%	0.8%	1	-36%		3.8%
Gold	1.0	174%	789%	2.7%	0.6	473%	939%	0.7%	1	240%	839%	3.6%
DAX 30	0.8	13%	538%	2.2%	0.2	-0.4%	499%	0.3%	0	-58%	251%	1.6%
Total	0.8	332%	6.5%	2.2%	0.9	216%	-17%	1.2%	0	267%	-10%	1.9%
Other	4.9	7.1%	-54%	12.9%	9.7	88%	-35%	12.5%	3	-5.3%	-40%	18.1%
Total	37.8	-17%	-21%		77.9	-22%	-29%		17	-17%	-23%	

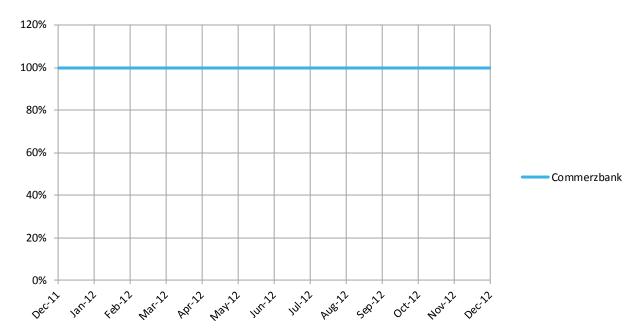


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Brussels.

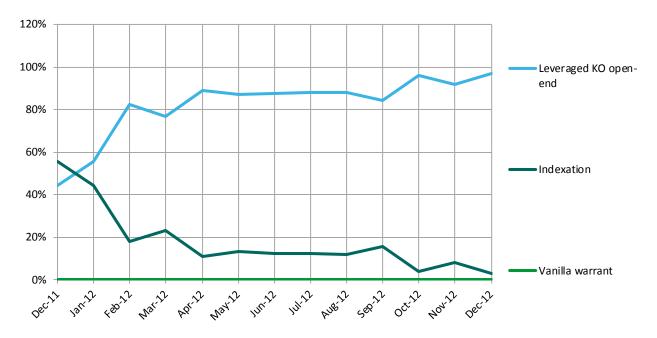


## Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Brussels.

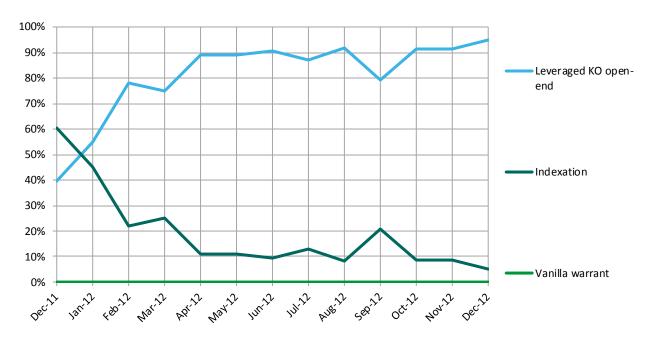


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Brussels.

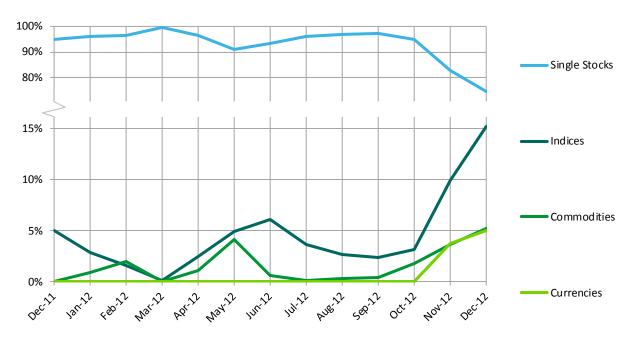


## Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Brussels.

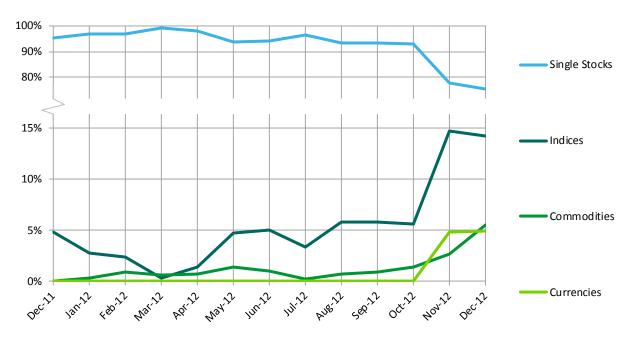


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Brussels.



## Number of transactions

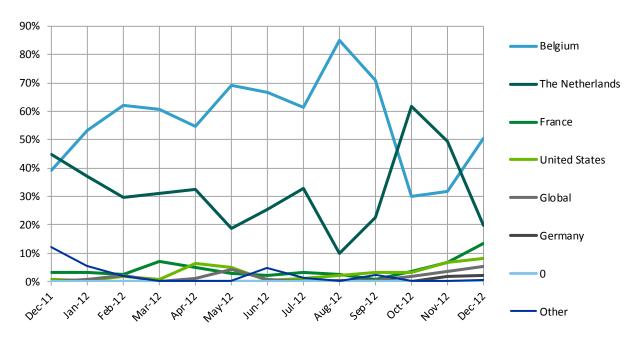
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Brussels.



## MARKET TREND: UNDERLYING COUNTRIES

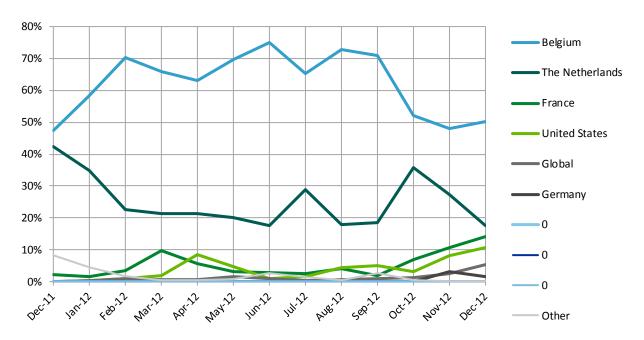
## Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on NYSE Euronext Brussels.

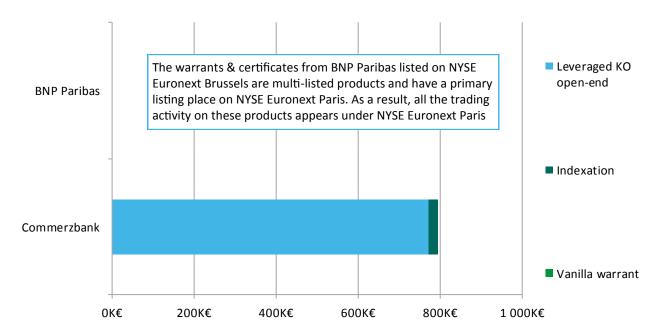


## Number of transactions

The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Brussels.

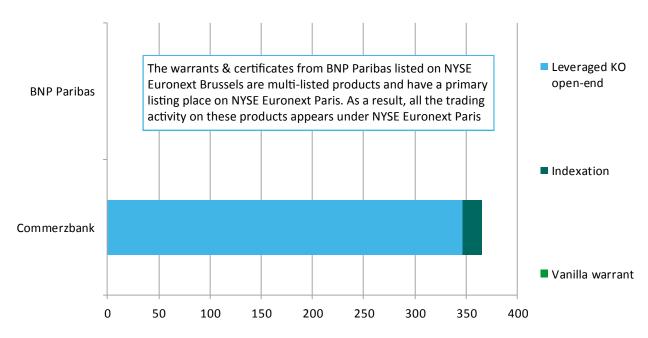


The chart below displays the value traded per product type (in million Euros) for each issuer active on NYSE Euronext Brussels.



## Number of transactions

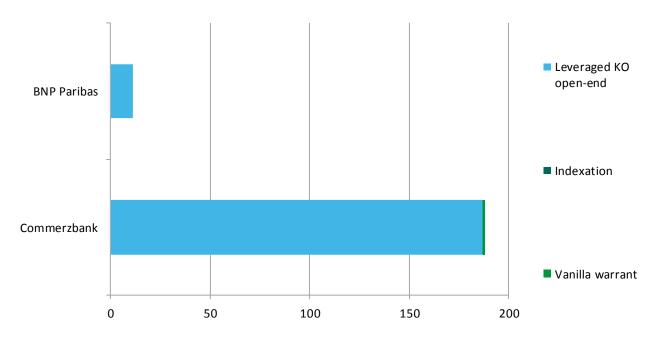
The chart below displays the number of trades per product type for each issuer active on NYSE Euronext Brussels.



Market Activity Report - Warrants & Certificates - NYSE Euronext Brussels - December 2012 43

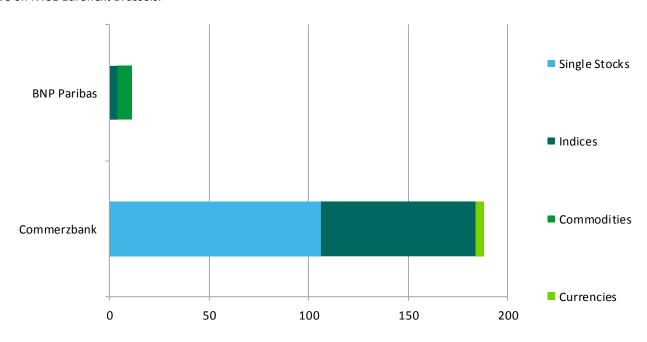
## **Product types**

The chart below displays the number of new product listings during the month per product type for each issuer active on NYSE Euronext Brussels.



# **Underlying types**

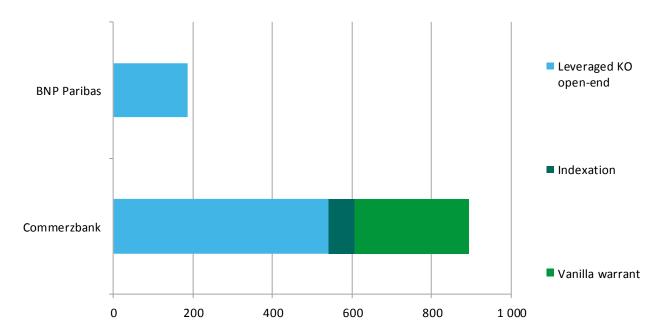
The chart below displays the number of new product listings during the month per underlying type for each issuer active on NYSE Euronext Brussels.



# **ISSUER ACTIVITY: PRODUCT RANGE**

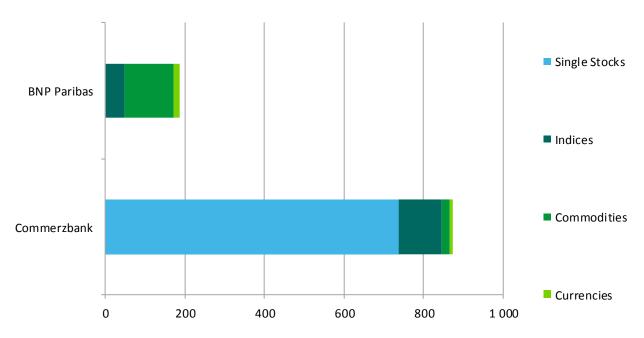
## **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on NYSE Euronext Brussels.



# **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on YSE Euronext Brussels.



Market Activity Report - Warrants & Certificates - NYSE Euronext Brussels - December 2012 45

# **TOP 50 TRADED PRODUCTS**

# Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on NYSE Euronext Brussels.

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
93D2Z	DE000CM8LSW7	Leveraged KO open-end	Commerzbank	DELHA 25TL OPENZ	21	105
31M1Z	DE000CM8LZK7	Leveraged KO open-end	Commerzbank	CAC40 3300TL OPENZ	6	64
5508Z	DE000CB55QD3	Leveraged KO open-end	Commerzbank	BLCOM28.54TS OPENZ	15	39
76J3Z	DE000CM8LWL2	Leveraged KO open-end	Commerzbank	AGEAS 18TL OPENZ	13	36
34F2Z	DE000CM8LUE1	Leveraged KO open-end	Commerzbank	BEKB 16.5TL OPENZ	19	36
17N3Z	DE000CM8MBX9	Leveraged KO open-end	Commerzbank	KBC 19.5TL OPENZ	4	35
94N2Z	DE000CM8MBK6	Leveraged KO open-end	Commerzbank	EUUSD1.284TL OPENZ	11	34
71G3Z	DE000CM8LVQ3	Leveraged KO open-end	Commerzbank	NYRST 3.5TL OPENZ	10	24
33F2Z	DE000CM8LUD3	Leveraged KO open-end	Commerzbank	BEKB 15.5TL OPENZ	9	24
19K1Z	DE000CM8LXF2	Leveraged KO open-end	Commerzbank	KBC 24.8TS OPENZ	7	20
53M3Z	DE000CM8MBA7	Leveraged KO open-end	Commerzbank	MBSTR 18TL OPENZ	9	20
97N2Z	DE000CM8MBN0	Leveraged KO open-end	Commerzbank	AGEAS 19.5TL OPENZ	9	20
M795Z	DE000CM8LQM2	Leveraged KO open-end	Commerzbank	APPLE 405TL OPENZ	10	17
A916Z	DE000CM3UZL7	Leveraged KO open-end	Commerzbank	BRENT 135.TS OPENZ	2	17
91M2Z	DE000CM8MAF8	Leveraged KO open-end	Commerzbank	GOLD 1650TL OPENZ	8	14
26M1Z	DE000CM8IZF7		Commerzbank	DAX 8000TS OPENZ	2	13
98D2Z	DE000CM8LTB9	Leveraged KO open-end Leveraged KO open-end	Commerzbank		2	11
	DE000CM8MBE9	Leveraged KO open-end		KBC 10.5TL OPENZ	6	10
57M3Z		0 1	Commerzbank	NYRST 3.85TL OPENZ		10
33M1Z	DE000CM8LZM3	Leveraged KO open-end	Commerzbank	CAC40 3800TS OPENZ	21	
54M3Z	DE000CM8MBB5	Leveraged KO open-end	Commerzbank	MBSTR 16.5TL OPENZ	2	10
93J1Z	DE000CM8LVX9	Leveraged KO open-end	Commerzbank	COFIN 80TL OPENZ	4	9
C742Z	DE000CM8LDN8	Leveraged KO open-end	Commerzbank	BEL 2760TS OPENZ	4	9
95D2Z	DE000CM8LSY3	Leveraged KO open-end	Commerzbank	GDF 14TL OPENZ	7	8
18N3Z	DE000CM8MBY7	Leveraged KO open-end	Commerzbank	KBC 21.5TL OPENZ	7	8
84J3Z	DE000CM8LWT5	Leveraged KO open-end	Commerzbank	COLRU 33.5TL OPENZ	3	8
73G3Z	DE000CM8LVS9	Leveraged KO open-end	Commerzbank	SOLVA 78TL OPENZ	1	8
14D3Z	DE000CM8LTG8	Leveraged KO open-end	Commerzbank	TOTAL 30TL OPENZ	2	8
89J1Z	DE000CM8LVU5	Leveraged KO open-end	Commerzbank	AGEAS 16.5TL OPENZ	3	8
92M2Z	DE000CM8MAG6	Leveraged KO open-end	Commerzbank	GOLD 1690TL OPENZ	5	8
55M3Z	DE000CM8MBC3	Leveraged KO open-end	Commerzbank	MBSTR 24.5TS OPENZ	4	7
13K3Z	DE000CM8LXY3	Leveraged KO open-end	Commerzbank	BEKB 24.5TS OPENZ	3	7
5507Z	DE000CB55QC5	Leveraged KO open-end	Commerzbank	BLCOM17.68TL OPENZ	2	7
74G3Z	DE000CM8LVT7	Leveraged KO open-end	Commerzbank	TOTAL 35TL OPENZ	3	6
M699Z	DE000CB55XJ6	Pure indexation	Commerzbank	KBC FACOPENZ	3	6
21B1Z	DE000CM8LRE7	Leveraged KO open-end	Commerzbank	BEL 2750TS OPENZ	3	6
49M3Z	DE000CM8MAX1	Leveraged KO open-end	Commerzbank	DELHA 19TL OPENZ	2	6
96J1Z	DE000CM8LWA5	Leveraged KO open-end	Commerzbank	COLRU 41.5TS OPENZ	4	6
16K1Z	DE000CM8LXC9	Leveraged KO open-end	Commerzbank	KBC 17.5TL OPENZ	7	5
52K1Z	DE000CM8LXT3	Leveraged KO open-end	Commerzbank	UMICO 36TL OPENZ	4	5
C043Z	DE000CM3WRS5	Leveraged KO open-end	Commerzbank	ESTX 1476TL OPENZ	1	5
24K3Z	DE000CM8LYJ2	Leveraged KO open-end	Commerzbank	TELEN 32TL OPENZ	4	5
68G3Z	DE000CM8LVN0	Leveraged KO open-end	Commerzbank	NYRST 2.9TL OPENZ	3	5
B992Z	DE000CM3WSS3	Leveraged KO open-end	Commerzbank	BEKB 11.23TL OPENZ	4	4
25M1Z	DE000CM8LZE0	Leveraged KO open-end	Commerzbank	DAX 7800TS OPENZ	4	4
15B1Z	DE000CM8LQZ4	Leveraged KO open-end	Commerzbank	BEL 2000TL OPENZ	2	4
GD5CZ	DE000CB74SW0	Pure indexation	Commerzbank	GDF ACCOPENZ	7	4
29M2Z	DE000CM8MAC5	Leveraged KO open-end	Commerzbank	EUUSD1.335TS OPENZ	4	4
16N3Z	DE000CM8MBW1	Leveraged KO open-end	Commerzbank	GBL 56TL OPENZ	3	4
61M3Z	DE000CM8MBH2	Leveraged KO open-end	Commerzbank	APPLE 625TS OPENZ	4	4
T429Z	DE000CM8LHV2	Leveraged KO open-end	Commerzbank	AGEAS 2.3TS OPENZ	4	3
	YSE Euronext)		<del> </del>		•	9



**NYSE Euronext Lisbon** 

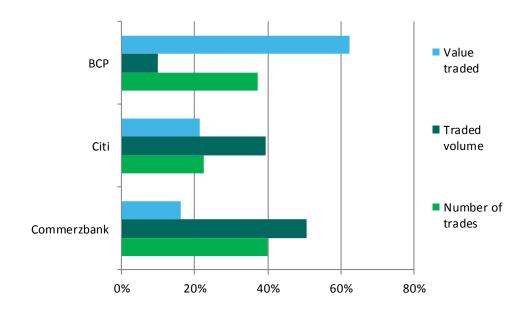
# MARKET OVERVIEW

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Lisbon per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Lisbon.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	/olume		Number of trades			
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
ВСР	892.6	64%	132%	62.4%	76.8	98%	-3.8%	9.9%	109	18%	116%	37.4%
Citi	306.5	78%	27%	21.4%	305.9	-11%	-27%	39.5%	66	-36%	-33%	22.5%
Commerzbank	230.8	-32%	-59%	16.1%	391.2	-31%	-48%	50.6%	117	-27%	-36%	40.1%
Total	1,429.9	35%	21%		773.9	-19%	-38%		292	-18%	-12%	

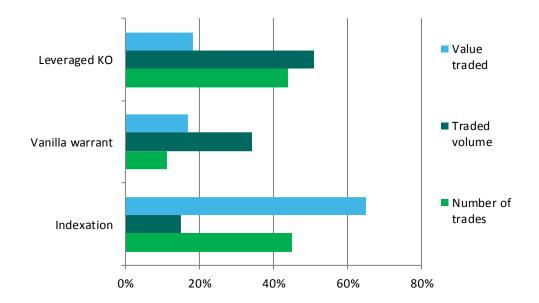


# **Product types**

Normal text The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Lisbon per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Lisbon.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	/olume		Number of trades			
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Leveraged KO	260.4	-28%	-33%	18.2%	393.7	-23%	-15%	50.9%	128	-28%	-29%	43.9%
Vanilla warrant	241.2	213%	24%	16.9%	264.2	-23%	-56%	34.1%	32	-39%	-58%	11.1%
Indexation	928.3	50%	55%	64.9%	116.0	15%	-34%	15.0%	132	6.8%	80%	45.0%
Total	1,429.9	35%	21%		773.9	-19%	-38%		292	-18%	-12%	



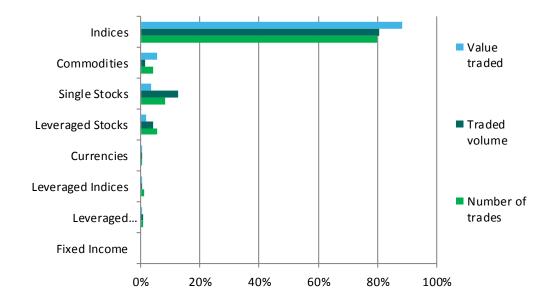
# MARKET OVERVIEW

# **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Lisbon per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of NYSE Euronext Lisbon.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	/olume		N	lumber c	ftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K€)	month				month		
Indices	1,261.9	46%	59%	88.3%	623.6	-12%	-20%	80.6%	234	-18%	-6.8%	79.9%
Commodities	77.7	19%	29%	5.4%	11.5	-27%	-25%	1.5%	12	11%	44%	4.1%
Single Stocks	50.0	-6.4%	-41%	3.5%	97.0	-42%	-70%	12.5%	24	-20%	-39%	8.2%
Leveraged Stocks	28.4	-40%	-66%	2.0%	31.8	-39%	-56%	4.1%	17	-27%	-36%	5.7%
Currencies	4.5	546%	-28%	0.3%	2.8	67%	-73%	0.4%	0	16%	-71%	0.2%
Leveraged Indices	3.9	-85%	-97%	0.3%	2.0	-77%	-95%	0.3%	3	-47%	-35%	1.0%
Leveraged Commodities	3.4	50%	65%	0.2%	5.2	343%	136%	0.7%	3	18%	127%	0.9%
Fixed Income			-100%				-100%				-100%	
Total	1,429.9	35%	21%		773.9	-19%	-38%		292	-18%	-12%	

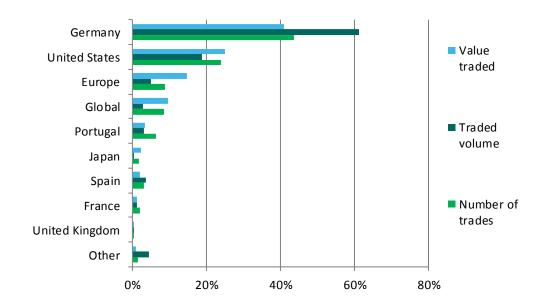


# Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of NYSE Euronext Lisbon.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded Daily Month vs. YTD Market					Traded	olume		١	lumber o	ftrades	
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
Germany	585.5	13%	-7.6%	40.9%	474.1	-19%	-31%	61.3%	128	-36%	-36%	43.7%
United States	357.6	51%	101%	25.0%	145.6	-28%	-8.6%	18.8%	70	-0.6%	37%	23.9%
Europe	208.7	154%	163%	14.6%	39.1	465%	-3.7%	5.0%	26	44%	222%	8.8%
Global	135.2	45%	66%	9.5%	22.4	8.4%	8.5%	2.9%	25	17%	92%	8.4%
Portugal	46.9	-27%	4.4%	3.3%	23.3	-46%	-65%	3.0%	19	-7.4%	-12%	6.4%
Japan	30.7	231%	496%	2.2%	0.3	212%	470%	0.0%	5	227%	500%	1.7%
Spain	29.4	111%	-71%	2.1%	27.3	1.7%	-72%	3.5%	9	-21%	-54%	3.2%
France	17.3	-34%	-66%	1.2%	8.2	-70%	-95%	1.1%	6	-29%	-60%	2.1%
United Kingdom	7.1	70%	186%	0.5%	0.1	66%	-0.4%	0.0%	1	10.0%	143%	0.3%
Other	11.3	73%	151%	0.8%	33.6	-12%	72%	4.3%	4	4.8%	53%	1.5%
Total	1,429.9	35%	21%		773.9	-19%	-38%		292	-18%	-12%	



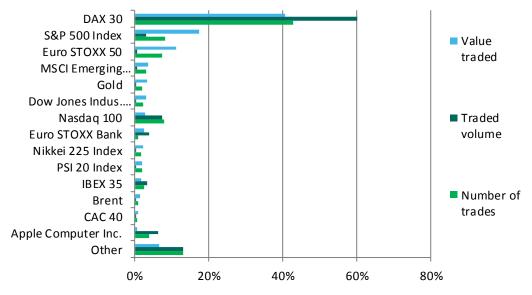
# MARKET OVERVIEW

## Top 15 underlyings

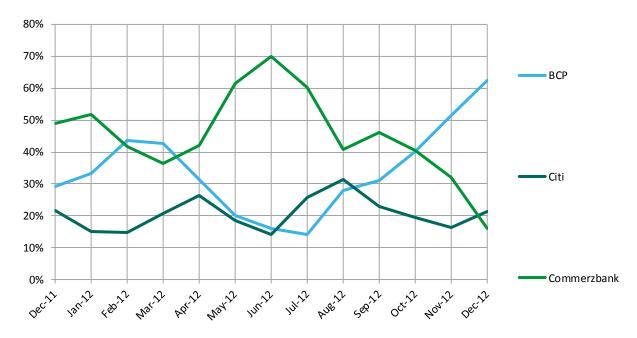
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Lisbon for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Lisbon.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded \	olume/		١	lumber c	ftrades	
Underlying	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in K€)	month			(in K)	month				month		
DAX 30	581.0	19%	25%	40.6%	465.7	-14%	-16%	60.2%	126	-34%	-32%	43.0%
S&P 500 Index	250.1	53%	225%	17.5%	23.6	-37%	46%	3.0%	24	-13%	114%	8.3%
Euro STOXX 50	160.7	128%	387%	11.2%	6.1	64%	337%	0.8%	21	43%	286%	7.3%
MSCI Emerging Markets	50.5	175%	277%	3.5%	4.8	161%	266%	0.6%	9	28%	229%	3.1%
Gold	47.8	16%	50%	3.3%	1.8	88%	-34%	0.2%	6	24%	70%	2.1%
Dow Jones Indus. Avg.	44.5	56%	246%	3.1%	3.1	-18%	291%	0.4%	7	15%	241%	2.4%
Nasdaq 100	38.7	52%	22%	2.7%	58.3	-33%	-18%	7.5%	23	16%	14%	8.0%
Euro STOXX Bank	34.6	ND	-10%	2.4%	30.8	ND	-20%	4.0%	2	98%	58%	0.8%
Nikkei 225 Index	30.7	231%	496%	2.2%	0.3	212%	470%	0.0%	5	227%	500%	1.7%
PSI 20 Index	30.0	-1.5%	144%	2.1%	0.5	-7.1%	-86%	0.1%	6	33%	120%	2.1%
IBEX 35	25.7	176%	-71%	1.8%	26.5	28%	-69%	3.4%	7	-7.1%	-56%	2.5%
Brent	19.3	62%	4.6%	1.4%	1.6	61%	4.1%	0.2%	3	1.1%	12%	0.9%
CAC 40	11.9	-37%	44%	0.8%	0.6	-91%	-91%	0.1%	2	-19%	4.7%	0.8%
Apple Computer Inc.	9.7	-1.5%	-76%	0.7%	49.7	-2.2%	48%	6.4%	11	7.0%	2.4%	3.8%
Other	94.8	-26%	-69%	6.6%	100.4	-49%	-76%	13.0%	38	-29%	-40%	13.1%
Total	1,429.9	35%	21%		773.9	-19%	-38%		292	-18%	-12%	

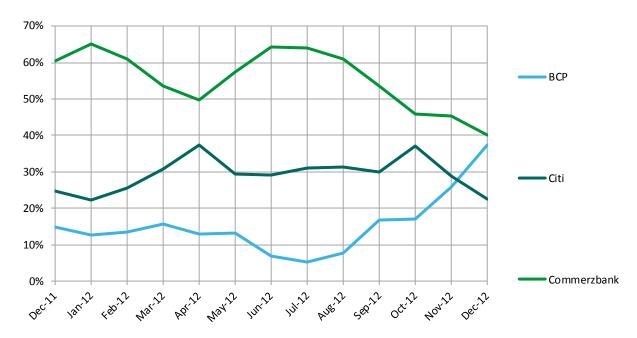


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Lisbon.

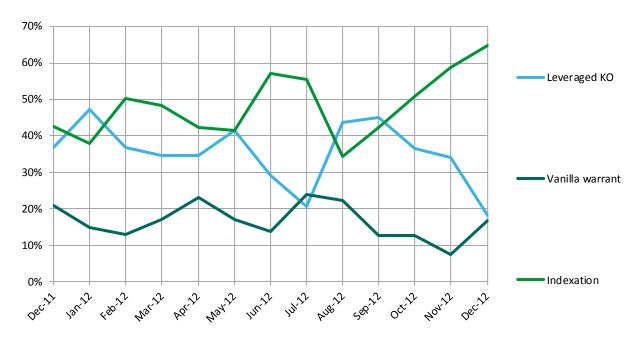


## Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Lisbon.

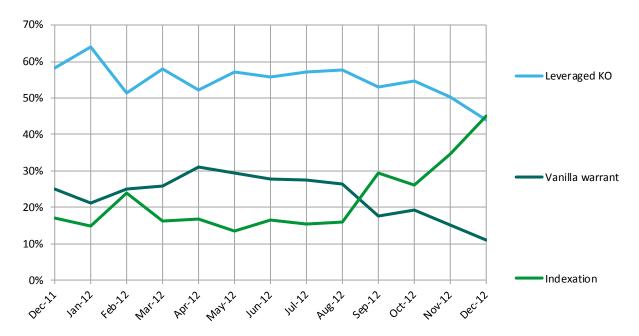


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Lisbon.

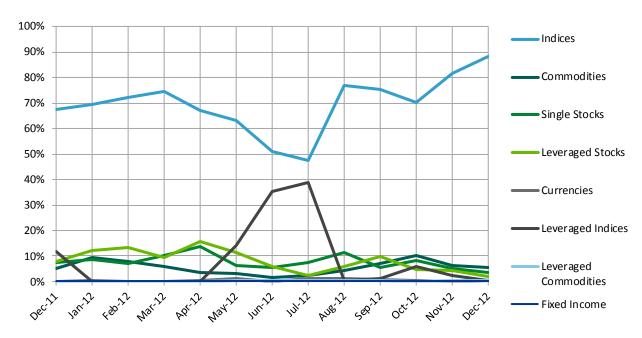


## Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Lisbon.

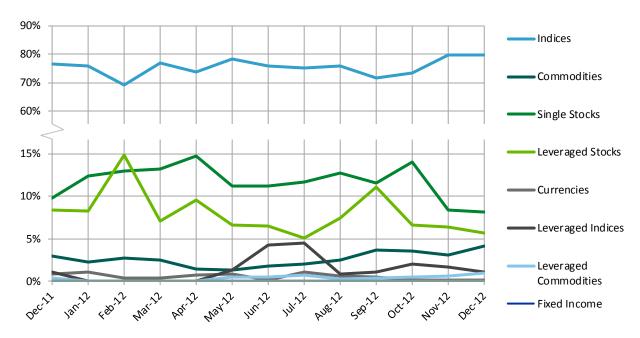


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Lisbon.



## Number of transactions

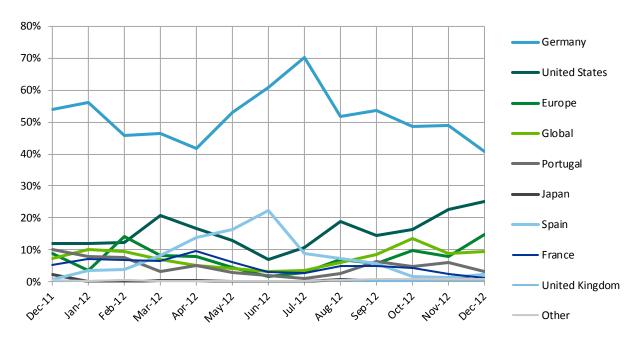
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Lisbon.



# MARKET TREND: UNDERLYING COUNTRIES

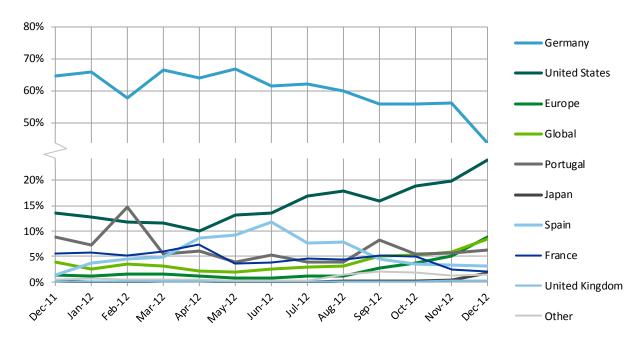
## Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on NYSE Euronext Lisbon.



## Number of transactions

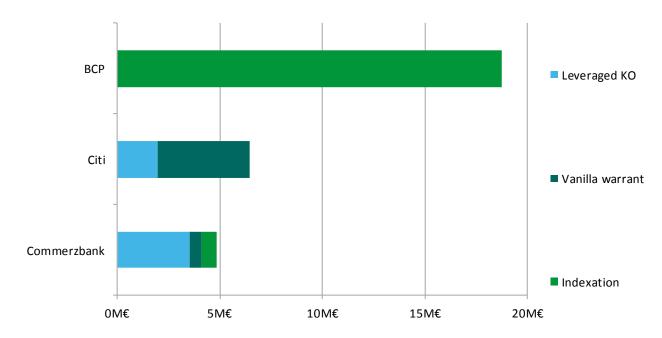
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Lisbon.



# **ISSUER ACTIVITY**

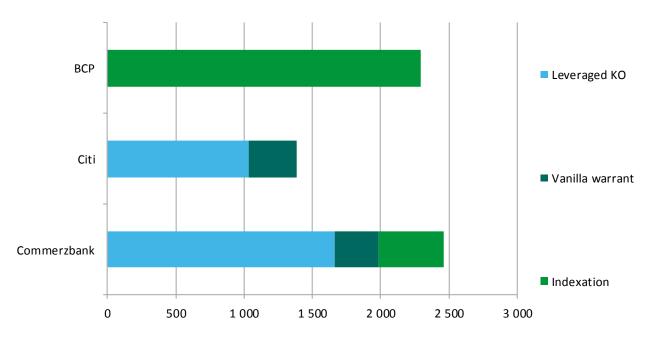
## Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on NYSE Euronext Lisbon.



# Number of transactions

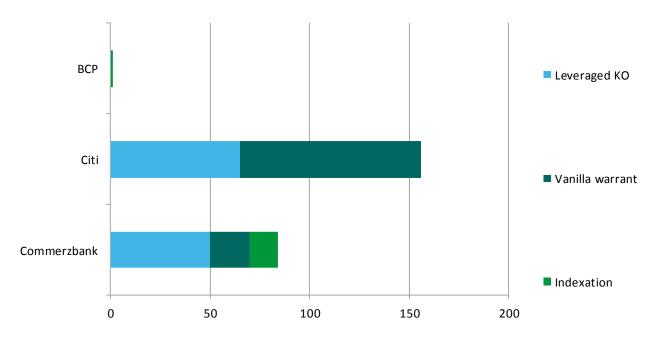
The chart below displays the number of trades per product type for each issuer active on NYSE Euronext Lisbon.



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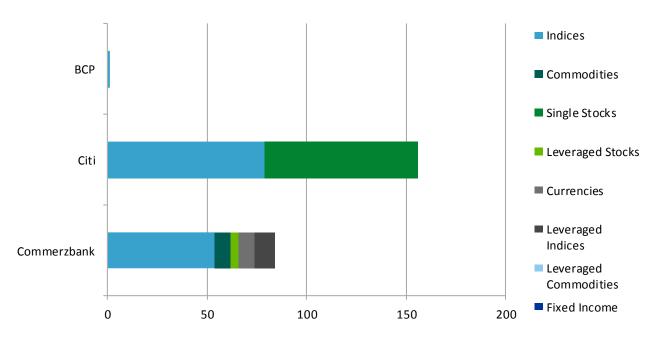
## Product types

The chart below displays the number of new product listings during the month per product type for each issuer active on NYSE Euronext Lisbon.



# **Underlying types**

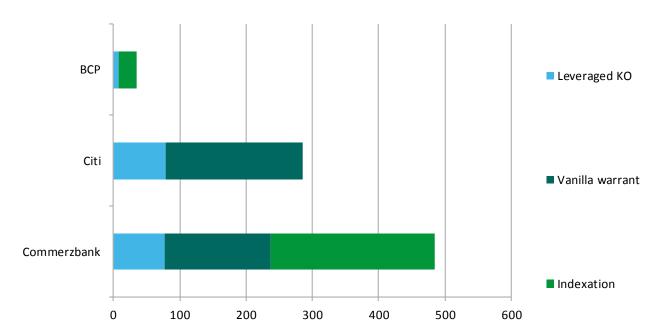
The chart below displays the number of new product listings during the month per underlying type for each issuer active on NYSE Euronext Lisbon.



# **ISSUER ACTIVITY: PRODUCT RANGE**

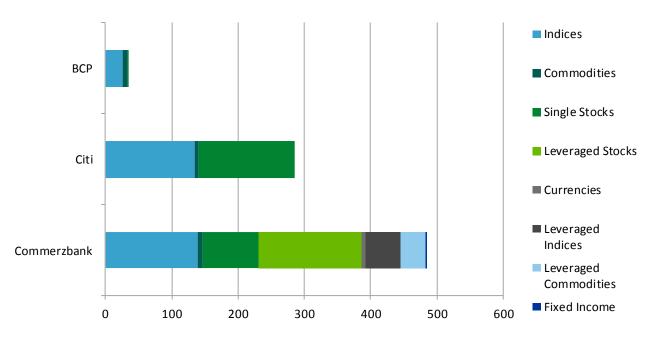
## **Product types**

The chart below displays the number of existing product listings per product type for each issuer active on NYSE Euronext Lisbon.



# **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on NYSE Euronext Lisbon.



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# **TOP 50 TRADED PRODUCTS**

# Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on NYSE Euronext Lisbon.

						Malica
Trading					Number of	Value
symbol	ISIN Code	Product type	Issuer	Name	trades	traded
ŕ						(in K€)
1029P	PTBITAYE0046	Pure indexation	ВСР	SP500 PLOPENP	481	5,207
7919C	DE000CT9G8G5	Vanilla warrant	Citi	DAX 7500C 0613C	38	4,053
1025P	PTBIVRYE0068	Pure indexation	ВСР	ESTX PI OPENP	451	3,374
1027P	PTBITEYE0034	Pure indexation	ВСР	DAX PI OPENP	332	3,126
1033P	PTBCTFYE0013	Pure indexation	ВСР	MSCIE PI OPENP	190	1,060
1026P	PTBIYZYE0040	Pure indexation	ВСР	DJIND PI OPENP	130	926
1047P	PTBIWWYE0052	Pure indexation	ВСР	GOLDF PLOPENP	92	818
1043P	PTBCLOYE0028	Pure indexation	BCP	ESTBK PLOPENP	51	726
W461Z	DE000CK5EJ67	Leveraged KO	Commerzbank	DAX 7400TL 0313Z	173	662
1032P	PTBCS1YE0010	Pure indexation	ВСР	NIKEI PI OPENP	103	646
1028P	PTBIY1YE0064	Pure indexation	BCP	PSI 2 PI OPENP	128	630
1039P	PTBIZJYE0064	Pure indexation	BCP	BRENT PI OPENP	56	405
W468Z	DE000CK5EJ83	Leveraged KO	Commerzbank	DAX 7500TL 0313Z	145	387
W380Z	DE000CK5E790	Leveraged KO	Commerzbank	DAX 7600TS 0313Z	215	367
8324C	DE000CT9HAD4	Leveraged KO	Citi	DAX 7750TS 0313C	88	292
1050P	PTBIWBYE0057	Pure indexation	ВСР	NASDQ PLOPENP	28	282
W442Z	DE000CK5EJ34	Leveraged KO	Commerzbank	DAX 7700TS 0313Z	198	280
8323C	DE000CT9HAC6	Leveraged KO	Citi	DAX 7350TL 0313C	106	273
1040P	PTBIWKYE0023	Pure indexation	ВСР	CAC40 PI OPENP	39	239
1023P	PTBIXRYE0025	Pure indexation	ВСР	IBEX PLOPENP	17	206
W463Z	DE000CK5ECF9	Leveraged KO	Commerzbank	IBEX 7600TL 0313Z	55	172
1036P	PTBI1TYE0013	Pure indexation	BCP	GOLDF PI 0313P	13	170
W439Z	DE000CK5EJ00	Leveraged KO	Commerzbank	DAX 7300TL 0313Z	66	165
W441Z	DE000CK5EJ26	Leveraged KO	Commerzbank	DAX 7650TS 0313Z	127	160
8184C	DE000CT9H697	Leveraged KO	Citi	DAX 7700TS 1212C	62	154
8212C	DE000CT9H739	Leveraged KO	Citi	DAX 7650TS 1212C	23	153
1024P	PTBIXQYE0026	Pure indexation	ВСР	FTSE PI OPENP	21	150
1048P	PTBIWXYE0051	Pure indexation	BCP	SILVE PI OPENP	30	148
W443Z	DE000CK5EJ42	Leveraged KO	Commerzbank	DAX 7750TS 0313Z	54	147
8234C	DE000CT9H7R3	Vanilla warrant	Citi	DAX 8000C 0313C	36	147
W467Z	DE000CK5EJ75	Leveraged KO	Commerzbank	DAX 7450TL 0313Z	48	133
8445C	DE000CT9HDY4	Leveraged KO	Citi	DAX 7550TL 0313C	50	115
8183C	DE000CT9H689	Leveraged KO	Citi	DAX 7600TS 1212C	63	111
1030P	PTBCSPYE0012	Pure indexation	ВСР	MVGUS PI OPENP	11	108
8182C	DE000CT9H671	Leveraged KO	Citi	DAX 7500TS 1212C	77	108
8415C	DE000CT9HD26	Leveraged KO	Citi	DAX 8000TS 0313C	19	104
W381Z	DE000CK5E7A5	Leveraged KO	Commerzbank	DAX 7800TS 0313Z	52	92
W113Z	DE000CK5E907	Vanilla warrant	Commerzbank	APPLE 625C 0313Z	53	92
1031P	PTBCSZYE0010	Pure indexation	BCP	FTEPR PLOPENP	12	91
1041P	PTBIWZYE0059	Pure indexation	ВСР	WIG20 PLOPENP	27	90
8409C	DE000CT9HCW0	Leveraged KO	Citi	DAX 7450TL 0313C	48	88
W279Z	DE000CF5TCW0	Leveraged KO	Commerzbank	DAX 74301E 0313C	98	83
W301Z	DE000CK5E6B5	Leveraged KO	Commerzbank	DAX 7650TS 1212Z	38	79
W280Z	DE000CK5E6C3	Leveraged KO	Commerzbank	DAX 7600TS 1212Z	38	79 77
W382Z	DE000CK5E7B3	Leveraged KO	Commerzbank	DAX 70001312122 DAX 8000TS 0313Z	17	74
1035P	PTBCTXYE0029	Pure indexation	BCP	MTHEU PLOPENP	9	
8296C	DE000CT9H9K4	Leveraged KO	Citi	NDX 2500TL 0313C	52	73 71
1045P			BCP			
	PTBIU2YE0087	Pure indexation	BCP	DJRES PI OPENP ESTEL PI OPENP	17	71 68
1044P	PTBIU1YE0070 DE000CK5EB73	Pure indexation			9 10	68 67
W234Z		Vanilla warrant	Commerzbank	IBEX 8000C 0313Z	10	67



# **NYSE Euronext Paris**

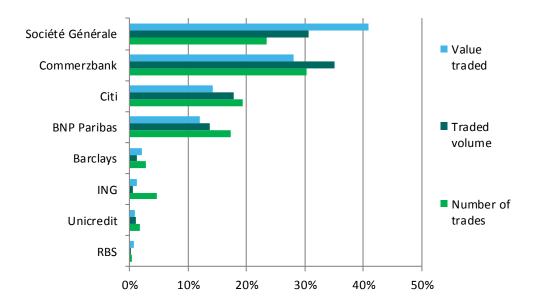
# MARKET OVERVIEW

#### Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Paris.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded	/olume		N	lumber c	ftrades	
Issuer	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Société Générale	6.4	-33%	-45%	40.9%	7.6	-21%	-16%	30.7%	1,089	-42%	-48%	23.5%
Commerzbank	4.4	-28%	-29%	28.1%	8.7	-23%	-19%	35.1%	1,407	-31%	-26%	30.3%
Citi	2.2	-18%	-34%	14.2%	4.4	-19%	-37%	17.8%	900	-19%	-31%	19.4%
BNP Paribas	1.9	-29%	-46%	12.0%	3.4	-17%	-33%	13.6%	800	-22%	-36%	17.2%
Barclays	0.3	-47%	-50%	2.1%	0.3	-43%	-44%	1.2%	128	-42%	-39%	2.8%
ING	0.2	-53%	-60%	1.2%	0.1	-55%	-59%	0.5%	218	-41%	-38%	4.7%
Unicredit	0.1	-39%	-24%	0.9%	0.3	-22%	-31%	1.0%	81	-31%	29%	1.8%
RBS	0.1	-39%	-24%	0.6%	0.0	-3.4%	-47%	0.0%	15	13%	-19%	0.3%
Total	15.6	-30%	-40%		24.7	-21%	-25%		4,637	-31%	-35%	

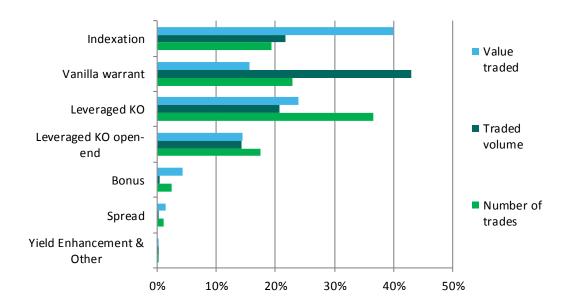


# **Product types**

Normal text The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris per issuer, as well as the variation over the previous month and the weight of each issuer over the total of NYSE Euronext Paris.

The chart at the bottom of the page represents the weight of each issuer in terms of traded value, traded volume and number of trades.

		Value t	raded			Traded v	olume		١	lumber o	ftrades	
Product type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Indexation	6.2	-31%	-41%	40.0%	5.3	-7.8%	35%	21.6%	900	-43%	-42%	19.4%
Vanilla warrant	2.4	-36%	-51%	15.6%	10.6	-30%	-41%	43.0%	1,062	-35%	-43%	22.9%
Leveraged KO	3.7	-26%	-37%	24.0%	5.1	-19%	-29%	20.7%	1,695	-23%	-30%	36.6%
Leveraged KO open-end	2.3	-33%	-33%	14.5%	3.5	-12%	-8.2%	14.3%	812	-30%	-27%	17.5%
Bonus	0.7	-8.2%	-23%	4.3%	0.1	-7.9%	20%	0.4%	114	-13%	-5.4%	2.5%
Spread	0.2	-19%	-31%	1.5%	0.0	9.6%	-58%	0.0%	49	-18%	-27%	1.1%
Yield Enhancement & Other	0.0	-75%	-19%	0.3%	0.0	-44%	-31%	0.0%	4	-22%	36%	0.1%
Total	15.6	-30%	-40%		25	-21%	-25%		4,637	-31%	-35%	



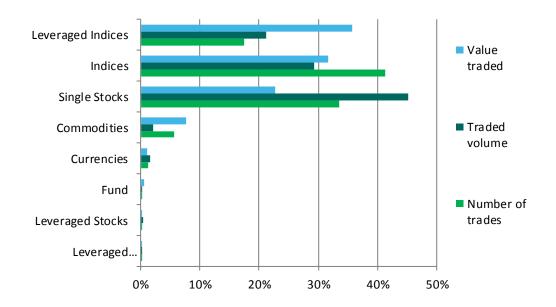
# MARKET OVERVIEW

# **Underlying types**

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris per underlying type, as well as the variation over the previous month and the weight of each underlying type over the total of NYSE Euronext Paris.

The chart at the bottom of the page represents the weight of each underlying type in terms of traded value, traded volume and number of trades.

	Value traded  Daily Month vs. YTD Market					Traded v	olume/		١	lumber o	ftrades	
Underlying type	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
Leveraged Indices	5.6	-32%	-39%	35.7%	5.3	-8.0%	39%	21.3%	812	-46%	-44%	17.5%
Indices	4.9	-37%	-50%	31.6%	7.3	-34%	-43%	29.3%	1,913	-36%	-42%	41.3%
Single Stocks	3.5	-11%	-18%	22.7%	11.2	-17%	-26%	45.3%	1,552	-16%	-20%	33.5%
Commodities	1.2	-34%	-44%	7.7%	0.5	-19%	-23%	2.1%	265	-15%	-23%	5.7%
Currencies	0.2	-53%	-44%	1.1%	0.4	-10%	-24%	1.6%	61	-23%	-38%	1.3%
Fund	0.1	103%	115%	0.6%	0.0	101%	116%	0.0%	1	-87%	-16%	0.0%
Leveraged Stocks	0.0	11%	-47%	0.2%	0.1	9.4%	-49%	0.3%	12	-13%	-51%	0.3%
Leveraged Commodities	0.0	20%	309%	0.2%	0.0	35%	513%	0.0%	11	13%	451%	0.2%
Fixed Income	0.0	-82%	-75%	0.1%	0.0	-33%	-65%	0.0%	8	-24%	-59%	0.2%
Basket	0.0	43%	-55%	0.0%	0.0	71%	-65%	0.0%	2	174%	3.9%	0.0%
Total	15.6	-30%	-40%		25	-21%	-25%		4,637	-31%	-35%	

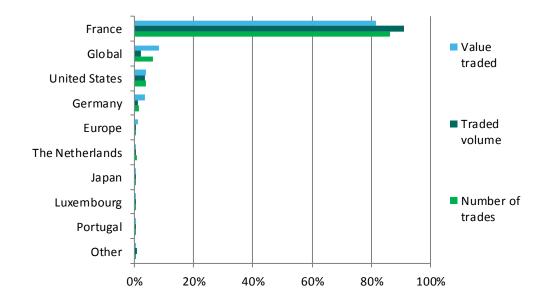


# Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris per country of origin of the underlying, as well as the variation over the previous month and the weight of each underlying country of origin over the total of NYSE Euronext Paris.

The chart at the bottom of the page represents the weight of each underlying country of origin in terms of traded value, traded volume and number of trades.

	Value traded			Traded volume			Number of trades					
Underlying country	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market	Daily	Month	vs. YTD	Market
	average	on		share	average	on		share	average	on		share
	(in M€)	month			(in M)	month				month		
France	12.7	-33%	-42%	81.7%	22.5	-22%	-26%	91.1%	4,004	-34%	-37%	86.3%
Global	1.3	-32%	-42%	8.4%	0.6	-20%	-22%	2.3%	288	-15%	-21%	6.2%
United States	0.6	-0.7%	-22%	3.7%	0.9	-1.4%	-20%	3.7%	183	-5.4%	-13%	3.9%
Germany	0.6	-11%	-7.5%	3.6%	0.3	-23%	0.2%	1.3%	77	-30%	-41%	1.7%
Europe	0.2	44%	-32%	1.0%	0.0	-77%	-88%	0.1%	7	-58%	-39%	0.1%
The Netherlands	0.1	62%	14%	0.4%	0.1	80%	-38%	0.5%	35	64%	44%	0.7%
Japan	0.0	42%	38%	0.3%	0.0	-32%	-25%	0.2%	7	-23%	-21%	0.1%
Luxembourg	0.0	-46%	-30%	0.3%	0.0	-35%	-67%	0.2%	12	-26%	-47%	0.3%
Portugal	0.0	ND	743%	0.2%	0.0	ND	464%	0.1%	7	ND	358%	0.1%
Other	0.1	12%	0.5%	0.4%	0.2	32%	56%	0.7%	19	14%	-13%	0.4%
Total	15.6	-30%	-40%		25	-21%	-25%		4,637	-31%	-35%	·

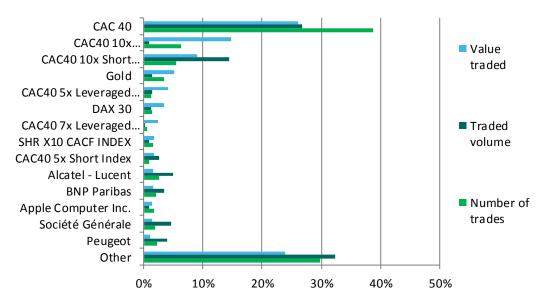


## Top 15 underlyings

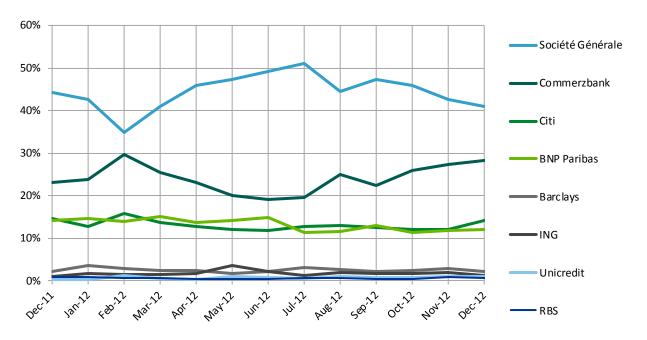
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Paris.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

	Value traded			Traded volume			Number of trades					
Underlying	Daily average (in M€)	Month on month	vs. YTD	Market share	Daily average (in M)	on	vs. YTD	Market share	Daily average	Month on month	vs. YTD	Market share
CAC 40	4.1	-42%	-54%	26.1%	6.6	-35%	-44%	26.8%	1,798	-36%	-42%	38.8%
CAC40 10x Leveraged Index	2.3	-35%	-8.5%	14.9%	0.2	-59%	-35%	0.9%	294	-52%	-29%	6.3%
CAC40 10x Short Index	1.4	-47%	-30%	9.0%	3.6	-0.7%	163%	14.4%	253	-46%	-30%	5.5%
Gold	0.8	-31%	-41%	5.2%	0.3	-4.3%	-12%	1.4%	158	-6.5%	-16%	3.4%
CAC40 5x Leveraged Index	0.6	9.4%	-48%	4.1%	0.3	-13%	-60%	1.4%	59	-33%	-63%	1.3%
DAX 30	0.5	1.7%	0.9%	3.5%	0.3	-23%	4.0%	1.2%	66	-32%	-40%	1.4%
CAC40 7x Leveraged Index	0.4	49%	-70%	2.4%	0.0	8.4%	-74%	0.1%	27	-48%	-82%	0.6%
SHR X10 CACF INDEX	0.3	-22%	112%	1.8%	0.2	22%	291%	0.9%	71	-42%	61%	1.5%
CAC40 5x Short Index	0.3	-17%	-70%	1.8%	0.6	12%	-18%	2.6%	41	-44%	-71%	0.9%
Alcatel - Lucent	0.3	6.5%	40%	1.6%	1.2	-8.3%	21%	5.0%	119	-8.2%	25%	2.6%
BNP Paribas	0.3	-21%	-57%	1.6%	0.8	-16%	-68%	3.4%	95	-18%	-61%	2.1%
Apple Computer Inc.	0.2	63%	25%	1.5%	0.2	3.5%	31%	1.0%	82	44%	61%	1.8%
Société Générale	0.2	-36%	-48%	1.5%	1.1	-26%	-43%	4.6%	90	-25%	-53%	1.9%
Peugeot	0.2	52%	2.1%	1.1%	1.0	9.9%	2.7%	4.0%	104	32%	1.2%	2.2%
Other	3.7	-21%	-34%	23.9%	8.0	-21%	-22%	32.3%	1,382	-23%	-24%	29.8%
Total	15.6	-30%	-40%		25	-21%	-25%		4,637	-31%	-35%	

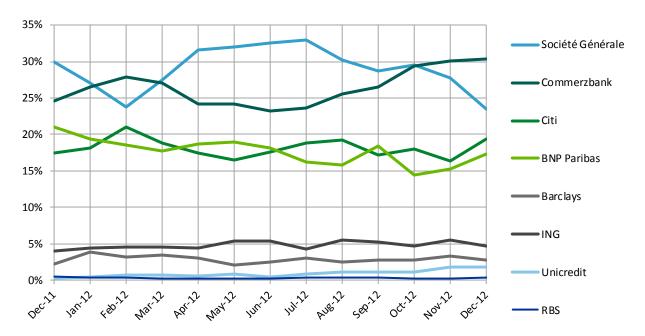


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Paris.

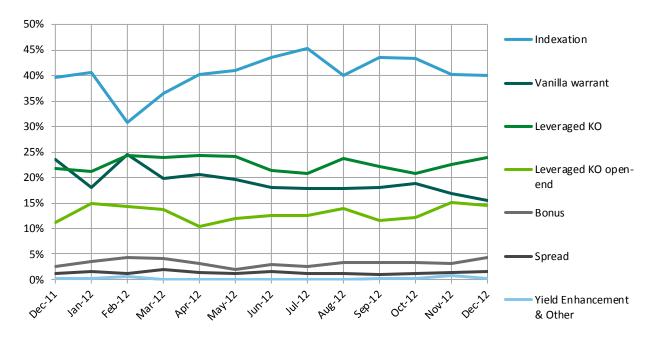


## Number of transactions

The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on NYSE Euronext Paris.

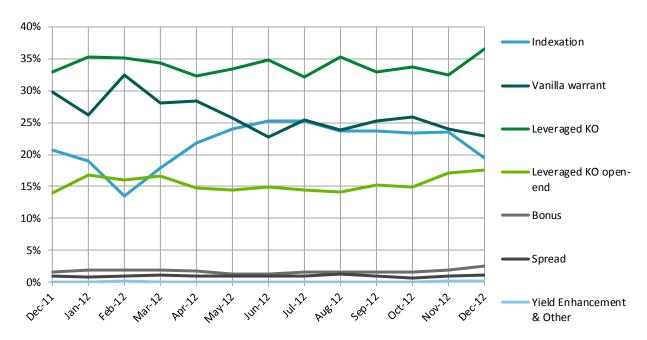


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Paris.

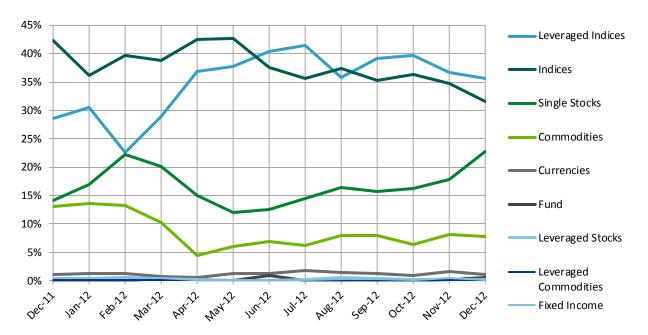


## Number of transactions

The historical graph below displays the weight of the traded volume of each product type over the total traded volume on NYSE Euronext Paris.

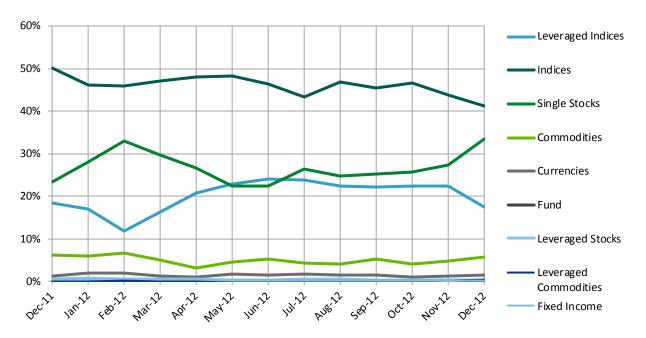


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Paris.



## Number of transactions

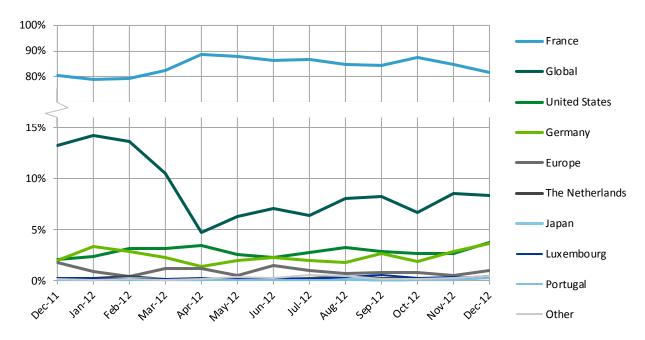
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Paris.



# MARKET TREND: UNDERLYING COUNTRIES

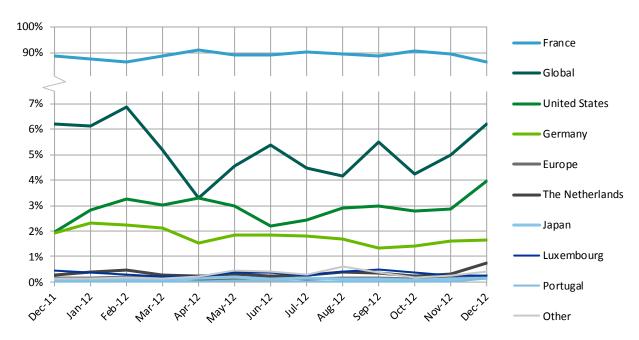
## Value traded

The historical graph below displays the weight of the traded value of each underlying country of origin over the total traded value on NYSE Euronext Paris.



## Number of transactions

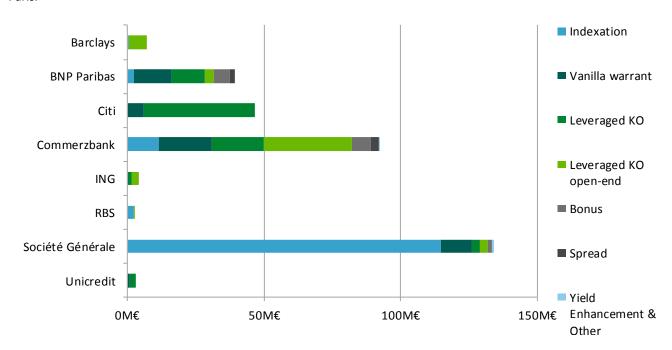
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Paris.



# **ISSUER ACTIVITY**

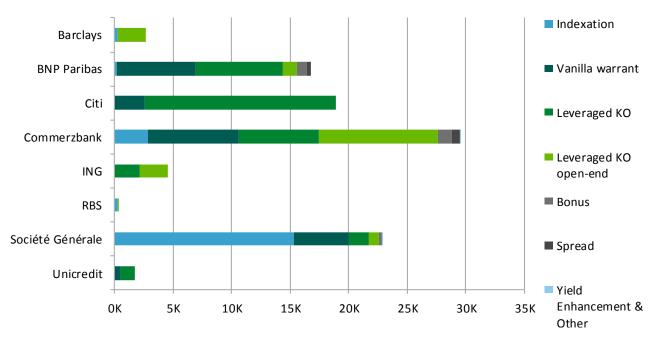
## Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on NYSE Euronext Paris.



## **Number of transactions**

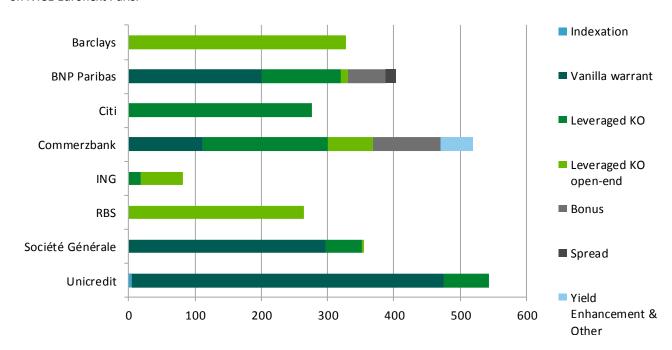
The chart below displays the number of trades per product type for each issuer active on NYSE Euronext Paris.



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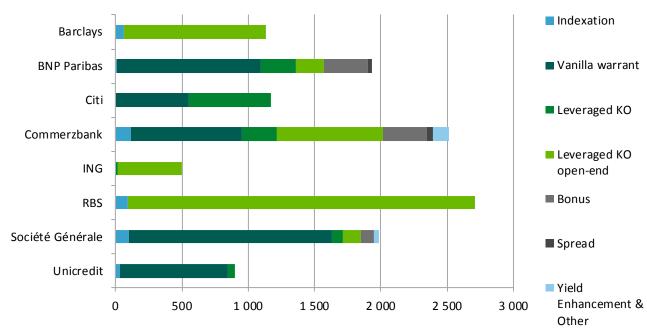
## Product types

The chart below displays the number of new product listings during the month per product type for each issuer active on NYSE Euronext Paris.



# **Underlying types**

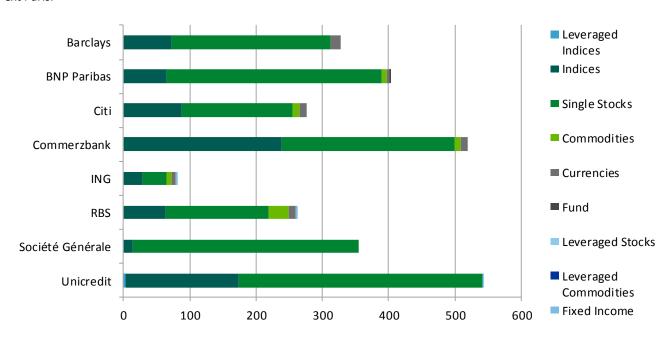
The chart below displays the number of new product listings during the month per underlying type for each issuer active on NYSE Euronext Paris.



# ISSUER ACTIVITY: PRODUCT RANGE

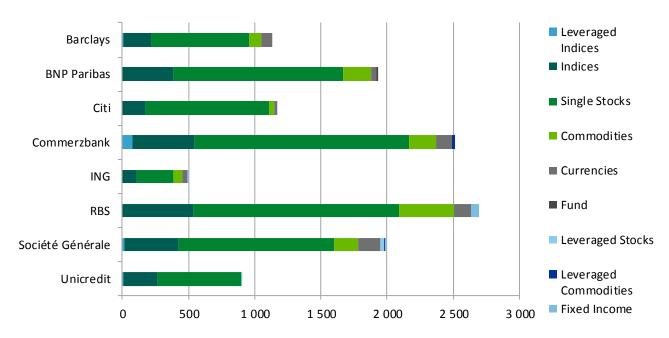
## Product types

The chart below displays the number of existing product listings per product type for each issuer active on NYSE Euronext Paris.



## **Underlying types**

The chart below displays the number of existing product listings per underlying type for each issuer active on NYSE Euronext Paris.



Market Activity Report - Warrants & Certificates - NYSE Euronext Paris - December 2012 73

# **TOP 50 TRADED PRODUCTS**

Top 50 traded products

The table below displays the 50 most traded products (in terms of value traded) on NYSE Euronext Paris.

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
6998S	FR0011214527	Pure indexation	Société Générale	CAC10 PLOPENS	5,176	44,103
6999S	FR0011214535	Pure indexation	Société Générale	CAC10 PLOPENS	5,312	29,473
7731S	FR0010961078	Pure indexation	Société Générale	CAC5L PLOPENS	1,164	13,160
6940S	FR0011119395	Pure indexation	Société Générale	CAC7L PI OPENS	512	7,862
SH10Z	DE000CZ28ZD0	Pure indexation	Commerzbank	SH10Z FACOPENZ	1,492	6,020
7734S	FR0010961102	Pure indexation	Société Générale	CAC5S PLOPENS	793	5,874
LV10Z	DE000CZ28ZC2	Pure indexation	Commerzbank	LV10Z FACOPENZ	995	4,557
1898Z	DE000CM44LW5	Leveraged KO open-end	Commerzbank	GOLD 1296TL OPENZ	231	3,949
9202S	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	214	3,600
6947S	FR0011130350	Pure indexation	Société Générale	CAC7S PI OPENS	728	2,943
2697C	DE000CT9KU61	Leveraged KO	Citi	CAC40 3700TS 0313C	1,091	2,128
Z100B	NL0010300315	Vanilla warrant	BNP Paribas	PWLDT74.26C 1222B	3	1,847
3015C	DE000CT9L6G2	Leveraged KO	Citi	CAC40 3750TS 0313C	605	1,789
2590C	DE000CT9L0G2		Citi	DAX 7800TS 0313C	114	1,769
		Leveraged KO				
3089C	DE000CT9L6L2	Leveraged KO	Citi	CAC40 3850TS 0313C	419	1,629
4009Z	DE000CM6TQS6	Leveraged KO open-end	Commerzbank	CAC40 4025TS OPENZ	428	1,479
86315	FR0010638494	Pure indexation	Société Générale	GOLD PI OPENS	75	1,384
Y034B	NL0010265914	Leveraged KO	BNP Paribas	CAC40 3800TPS0313B	189	1,226
G543Z	DE000CK511R5	Leveraged KO open-end	Commerzbank	APPLE 435TCIOPENZ	369	1,213
7W56Z	DE000CK9QQ52	Leveraged KO	Commerzbank	CAC40 3700TS 0213Z	163	1,178
3739C	DE000CT9LAN5	Leveraged KO	Citi	CAC40 3550TL 0313C	617	1,127
Y030B	NL0010265872	Leveraged KO	BNP Paribas	CAC40 3700TPS0313B	527	1,095
2622C	DE000CT9L8X3	Leveraged KO	Citi	DAX 7700TS 0313C	134	1,080
1156N	FR0010371062	Pure indexation Quanto	RBS	GOLD PIQOPENN	60	1,079
1F58Z	DE000CK52C25	Vanilla warrant	Commerzbank	CAC40 3400C 1212Z	74	1,062
2T75Z	DE000CK9PA02	Spread	Commerzbank	CAC40 3400CAP1212Z	74	1,038
1104C	DE000CT9KSE8	Leveraged KO	Citi	DAX 8200TS 0313C	13	1,024
3021C	DE000CT9L6J6	Leveraged KO	Citi	CAC40 3800TS 0313C	305	1,019
3020C	DE000CT9L6H0	Leveraged KO	Citi	CAC40 3775TS 0313C	247	1,008
4U98Z	DE000CK9PZZ6	Leveraged KO	Commerzbank	CAC40 3700TS 0313Z	400	991
3007C	DE000CT9L6F4	Leveraged KO	Citi	CAC40 3725TS 0313C	532	984
2808T	DE000HV0PUW5	Leveraged KO	Unicredit	CAC40 3800TS 1212T	386	945
20425	FR0011336049	Leveraged KO	Société Générale	CAC40 3325TL 0313S	160	903
6F13Z	DE000CK52NQ0	Vanilla warrant	Commerzbank	DAX 7000C 1212Z	12	876
7U89Z	DE000CK9Q697	Leveraged KO	Commerzbank	DAX 6800TL 0313Z	28	875
1612B	NL0006454928	Pure indexation	BNP Paribas	GOLD PI OPENB	76	869
9F76Z	FR0011259738	Capped Bonus	Commerzbank	ALCAT 1.5BOC1212Z	81	842
7U88Z	DE000CK9Q689	Leveraged KO	Commerzbank	DAX 6600TL 0313Z	17	838
3723C	DE000CT9LAH7	Leveraged KO	Citi	CAC40 3525TL 0313C	339	838
8U43Z	DE000CK9Q7E9	Vanilla warrant	Commerzbank	APPLE 550C 0313Z	62	824
3717C	DE000CT9LAG9	Leveraged KO	Citi	CAC40 3500TL 0313C	228	823
V811B	NL0010165635	Spread	BNP Paribas	CAC40 3700FLP1212B	166	821
3260C	DE000CT9L6N8	Leveraged KO	Citi	CAC40 37001 EF 1212B	111	821
7U18Z	DE000CK9Q4Z1	Leveraged KO	Commerzbank	CAC40 3750TS 0313Z	181	807
1237C	DE000CK9Q421	Leveraged KO	Citi	CAC40 3730130313C	69	807
		Vanilla warrant	Commerzbank			
6T31Z	DE000CK9PFJ2			CAC40 3500C 0113Z	64	754
6T28Z	DE000CK9PFG8	Vanilla warrant	Commerzbank	CAC40 3300C 0113Z	22	745
1W53Z	DE000CK9QCU4	Vanilla warrant	Commerzbank	NASDQ 2500C 0313Z	12	735
2228K	FR0011084730	Leveraged KO open-end	Barclays	CAC40 3950TPIOPENK	305	712
X817B	NL0010263752 (SE Furonext)	Vanilla warrant	BNP Paribas	VALEO 40C 0313B	57	700





