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Editorial

November has been a relatively volatile month as reflected in the number of orders and price updates. More than 1.3 billion orders and price updates were received on warrants & certificates, making it the most volatile month since November last year (1.8 billion), while the number of listings in November 2012 was 11% more than November last year.

In terms of trading activity, when compared to the 2012 average, the value traded in November is down by 15% and the number of transactions is down by 8%, but the number of orders and price updates received is up by 15%.

Interestingly, the figures for our two biggest markets, NYSE Euronext Amsterdam and NYSE Euronext Paris, are exactly the same, since the activity on both markets has developed in the same way.

Looking at the activity per product type, Leverage Knock-Out Open-End products are still attracting by far the majority of interest from investors, with over 58% of the traded value and nearly 52% of the transactions. Leverage and Short certificates have regained some ground after their noticeable drop in August 2012. In November 2012, nearly 16% of the value traded and 11% of the transactions on Warrants & Certificates were done on Leverage and Short certificates.

On 28 September 2012, Extended Trading Hours (E.T.H.) were launched on NYSE Euronext Paris. After two months with these extended hours in place, the results are quite positive. Five issuers are already offering some of their products in E.T.H., for a total of close to 6,000 W&Cs available for trading between 08:00 and 09:05 CET (early trading) and close to 6,700 W&Cs available for trading between 17:30 and 18:30 CET (late trading).

In early trading, the number of orders received (excluding orders received during market pre-opening) is nearly 70% of the hourly average of the number of orders received during normal trading hours. In terms of number of transactions, the figure is closer to 67%.

Late trading has been a little bit less active with 43% and 47% of the hourly average number of trades and transactions during normal trading hours.

	NYSE Euronext Amsterdam	NYSE Euronext Brussels	NYSE Euronext Lisbon	NYSE Euronext Paris	NYSE Euronext Markets
Live listings (as of 30/11/2012)	6,836	1,551	1,087	15,072	24,546
New listings	1,306	285	139	3,196	4,926
Value traded (in M€)	658	1.0	23.2	493	1,176
Value traded YTD (in M€)	8,596	11.6	275.3	6,386	15,268
Traded volume (in M)	352	2.2	21.0	690	1,065
Traded volume YTD (in M)	4,524	26.6	305.0	8,005	12,861
Number of trades	145,768	461	7,830	148,857	302,916
Number of trades YTD	1,768,691	5,438	79,435	1,753,761	3,607,325

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







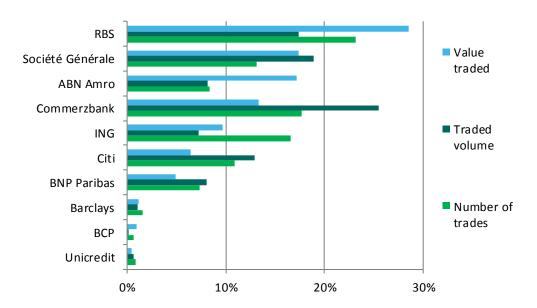
NYSE Euronext European Markets

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 traded Daily Month vs. YTD Market					Traded \	/olume		Λ	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	15.7	8.3%	-12%	28.5%	8.8	2.6%	8.7%	17.4%	3,305	3.5%	-4.1%	23.1%
Société Générale	9.6	-13%	-20%	17.4%	9.5	-13%	4.0%	18.9%	1,875	-7.0%	-14%	13.1%
ABN Amro	9.5	20%	-4.3%	17.2%	4.1	18%	-5.8%	8.2%	1,195	14%	-4.6%	8.4%
Commerzbank	7.3	0.6%	-9.4%	13.3%	12.9	-3.8%	-0.8%	25.5%	2,530	1.0%	1.2%	17.7%
ING	5.4	11%	-23%	9.7%	3.7	5.8%	-17%	7.2%	2,363	13%	-2.1%	16.5%
Citi	3.6	-18%	-28%	6.5%	6.5	-17%	-30%	12.9%	1,553	-11%	-17%	10.9%
BNP Paribas	2.7	-1.8%	-25%	4.9%	4.1	14%	-21%	8.0%	1,045	4.6%	-20%	7.3%
Barclays	0.6	9.8%	-6.6%	1.2%	0.5	26%	-5.6%	1.1%	222	17%	2.4%	1.6%
ВСР	0.5	31%	60%	1.0%	0.0	-43%	-52%	0.1%	92	59%	104%	0.6%
Unicredit	0.2	56%	22%	0.4%	0.3	2.7%	-14%	0.6%	119	66%	92%	0.8%
Total	55.2	2.6%	-15%		50.5	-3.1%	-7.4%		14,298	2.7%	-6.5%	

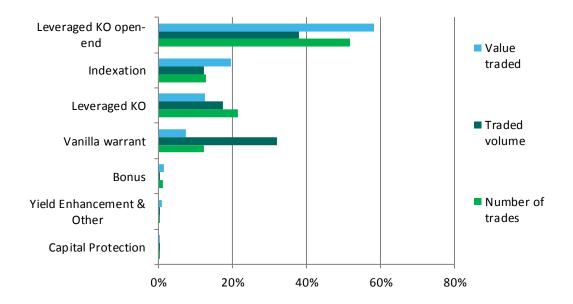


Product types

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					Traded	/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 M€)	month			(in M)	month				month			
Leveraged KO open-end	31.1	6.2%	-15%	58.2%	18.4	-0.5%	-9.0%	38.1%	7,134	4.2%	-5.7%	51.8%	
Indexation	10.4	-9.4%	-14%	19.5%	6.0	-2.1%	46%	12.4%	1,764	2.0%	1.4%	12.8%	
Leveraged KO	6.7	1.4%	-24%	12.5%	8.4	-5.3%	-21%	17.3%	2,967	-6.2%	-19%	21.6%	
Vanilla warrant	3.9	-17%	-28%	7.3%	15.5	-13%	-20%	31.9%	1,686	-8.3%	-17%	12.2%	
Bonus	0.8	-8.3%	-11%	1.5%	0.1	80%	44%	0.2%	148	32%	15%	1.1%	
Yield Enhancement & Other	0.5	34%	7.8%	0.9%	0.0	19%	-53%	0.0%	67	30%	-9.7%	0.5%	
Capital Protection	0.0	24%	83%	0.1%	0.0	24%	83%	0.1%	2	62%	142%	0.0%	
Total	53.4	0.1%	-17%		48	-5.8%	-11%		13,769	0.2%	-9.5%		

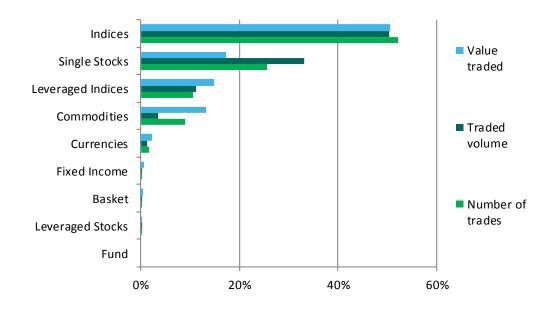


Underlying types

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 traded Daily Month vs. YTD Market					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	27.9	5.6%	-18%	50.6%	25.4	-5.2%	-11%	50.3%	7,454	0.4%	-8.9%	52.2%
Single Stocks	9.5	2.0%	-10%	17.3%	16.8	-1.3%	-13%	33.2%	3,675	7.5%	-3.3%	25.7%
Leveraged Indices	8.3	-14%	-15%	15.0%	5.7	-1.9%	55%	11.3%	1,514	-1.0%	0.1%	10.6%
Commodities	7.3	11%	3.2%	13.3%	1.7	0.7%	6.1%	3.5%	1,291	7.6%	0.5%	9.0%
Currencies	1.3	10%	-34%	2.4%	0.6	17%	-24%	1.3%	235	-1.2%	-31%	1.6%
Fixed Income	0.3	108%	-43%	0.6%	0.1	51%	-50%	0.1%	47	20%	-45%	0.3%
Basket	0.3	-1.5%	-3.2%	0.5%	0.0	-6.4%	-19%	0.0%	19	4.3%	-12%	0.1%
Leveraged Stocks	0.1	2.8%	-50%	0.1%	0.1	-21%	-48%	0.3%	37	3.7%	-30%	0.3%
Fund	0.1	269%	27%	0.1%	0.0	41%	43%	0.1%	11	ND	318%	0.1%
Leveraged Commodities	0.0	-16%	263%	0.0%	0.0	27%	-13%	0.0%	12	169%	438%	0.1%
Total	55.1	2.6%	-15%		51	-3.1%	-7.4%		14,294	2.8%	-6.5%	·

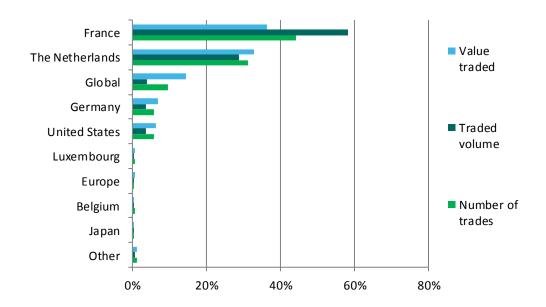


Top 10 underlying countries

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 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		
France	20.0	-8.6%	-15%	36.3%	29.5	-7.7%	-6.5%	58.4%	6,319	-2.3%	-7.7%	44.2%
The Netherlands	18.2	14%	-14%	32.9%	14.6	5.5%	-7.4%	28.9%	4,478	8.2%	-5.1%	31.3%
Global	8.0	12%	3.5%	14.6%	1.9	2.6%	3.8%	3.8%	1,381	9.3%	0.7%	9.7%
Germany	3.7	0.8%	-27%	6.7%	1.8	10%	-4.9%	3.6%	848	-0.4%	-8.3%	5.9%
United States	3.4	9.7%	-27%	6.2%	1.8	-5.6%	-21%	3.6%	840	11%	-8.1%	5.9%
Luxembourg	0.4	-16%	-29%	0.7%	0.2	-40%	-39%	0.4%	111	-25%	-33%	0.8%
Europe	0.3	-19%	-34%	0.6%	0.1	-30%	-54%	0.2%	50	27%	11%	0.4%
Belgium	0.2	5.7%	-12%	0.3%	0.2	48%	-9.6%	0.3%	91	23%	-0.7%	0.6%
Japan	0.2	11%	-61%	0.3%	0.1	109%	3.9%	0.2%	29	37%	-4.2%	0.2%
Other	0.7	4.3%	-4.9%	1.3%	0.3	11%	-15%	0.7%	152	-0.9%	-17%	1.1%
Total	55.1	2.6%	-15%		51	-3.1%	-7.4%		14,298	2.7%	-6.5%	

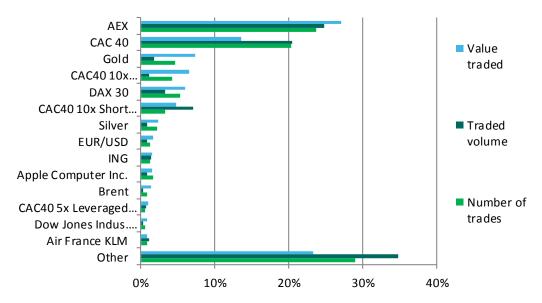


Top 15 underlyings

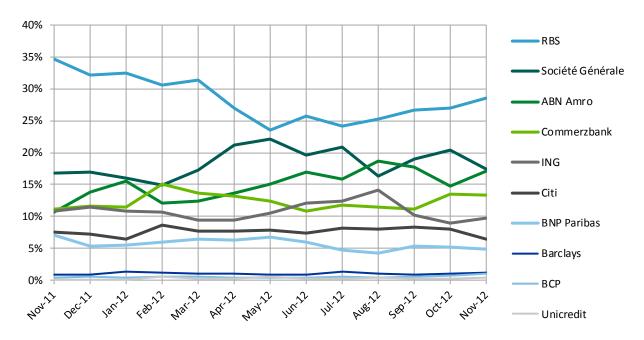
The table below displays the daily averages of traded value, traded volume and number of trades across all NYSE Euronext markets for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of all NYSE Euronext markets.

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 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	14.9	15%	-14%	27.1%	12.5	5.9%	-5.0%	24.8%	3,397	5.7%	-5.7%	23.8%
CAC 40	7.5	-7.4%	-22%	13.6%	10.4	-16%	-17%	20.5%	2,900	-6.8%	-13%	20.3%
Gold	4.1	24%	5.9%	7.4%	0.9	4.5%	10%	1.8%	667	11%	3.6%	4.7%
CAC40 10x Leveraged Index	3.6	-7.0%	41%	6.5%	0.5	1.9%	55%	1.1%	608	-0.9%	43%	4.3%
DAX 30	3.3	-3.5%	-23%	6.0%	1.6	9.0%	2.4%	3.3%	759	-1.7%	-4.4%	5.3%
CAC40 10x Short Index	2.6	-28%	28%	4.8%	3.6	-11%	210%	7.1%	466	-8.5%	26%	3.3%
Silver	1.3	3.1%	5.8%	2.4%	0.5	-8.8%	5.7%	0.9%	311	18%	8.7%	2.2%
EUR/USD	1.0	25%	-26%	1.7%	0.5	14%	-33%	0.9%	185	-1.8%	-34%	1.3%
ING	0.9	-22%	-42%	1.6%	0.7	-19%	-44%	1.4%	176	-24%	-51%	1.2%
Apple Computer Inc.	0.8	-5.5%	-34%	1.5%	0.4	12%	-5.7%	0.8%	249	13%	10%	1.7%
Brent	0.8	-21%	-27%	1.4%	0.2	20%	2.9%	0.4%	132	-0.5%	-27%	0.9%
CAC40 5x Leveraged Index	0.6	22%	-54%	1.1%	0.4	21%	-56%	0.8%	88	24%	-47%	0.6%
Dow Jones Indus. Avg.	0.5	8.3%	-17%	0.9%	0.2	-41%	-23%	0.4%	86	23%	4.8%	0.6%
Air France KLM	0.5	37%	181%	0.9%	0.6	34%	77%	1.2%	132	21%	81%	0.9%
Other	12.8	5.9%	-22%	23.3%	17.6	-0.4%	-14%	34.8%	4,144	8.7%	-7.6%	29.0%
Total	55.2	2.6%	-15%		51	-3.1%	-7.4%		14,298	2.7%	-6.5%	

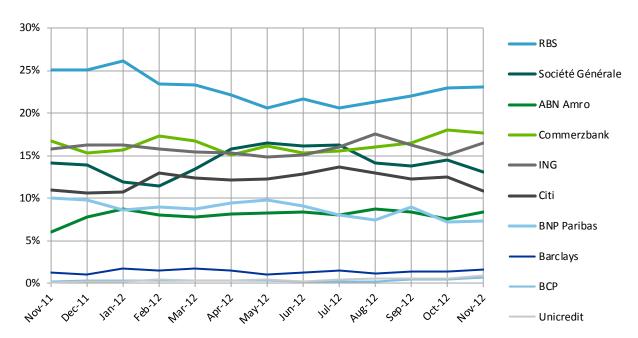


The historical graph below displays the weight of the traded value of each issuer over the total traded value across all NYSE Euronext markets.

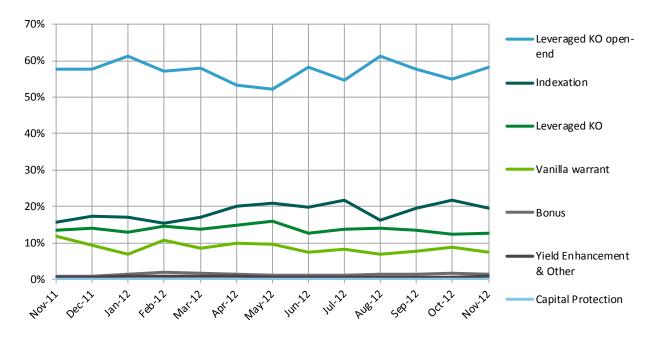


Number of transactions

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

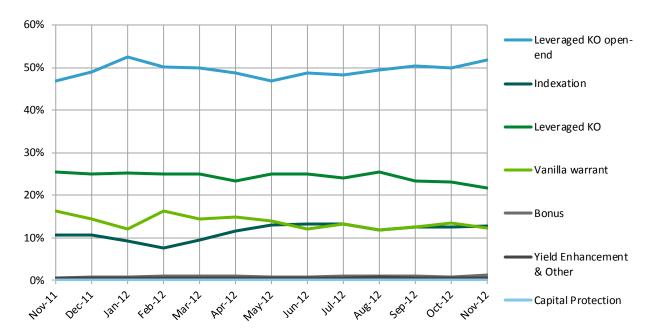


The historical graph below displays the weight of the traded value of each product type over the total traded value across all NYSE Euronext markets.

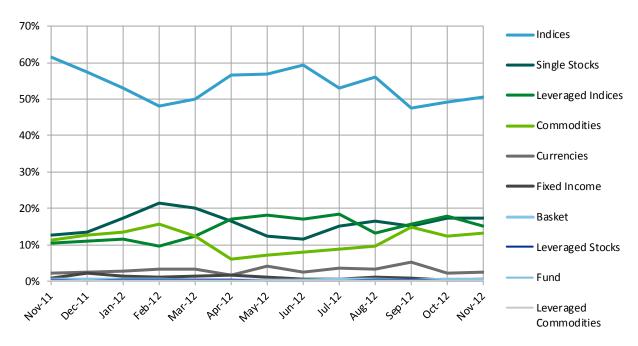


Number of transactions

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.

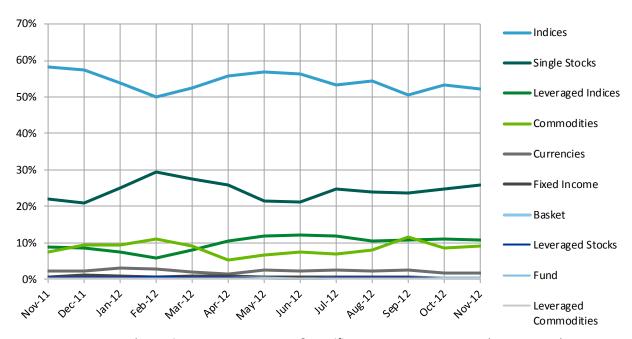


The historical graph below displays the weight of the traded value of each underlying type over the total traded value across all NYSE Euronext markets.



Number of transactions

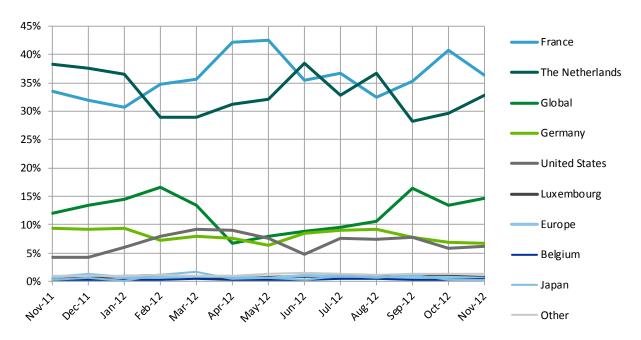
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all NYSE Euronext markets.



MARKET TREND: UNDERLYING COUNTRIES

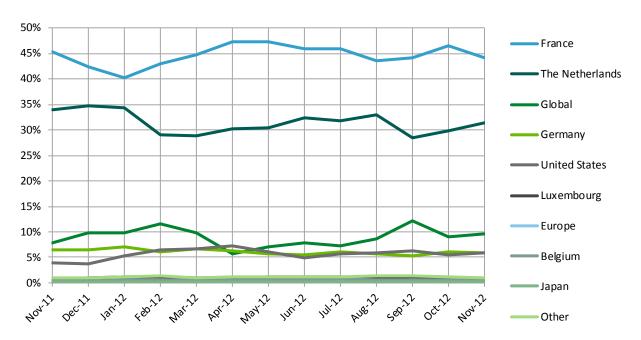
Value traded

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.

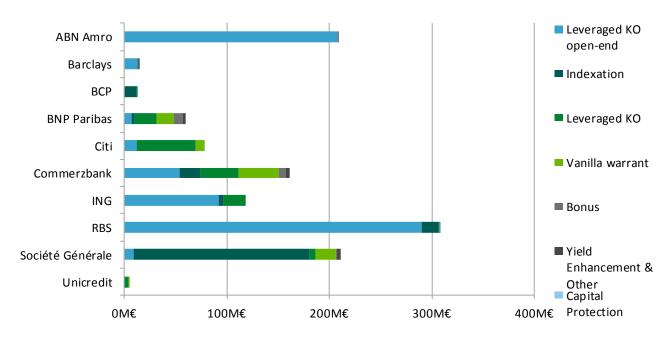


Number of transactions

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.

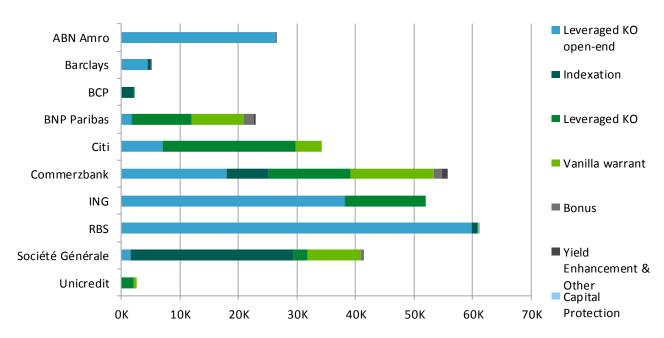


The chart below displays the value traded per product type (in million Euros) for each issuer active in an NYSE Euronext market.



Number of transactions

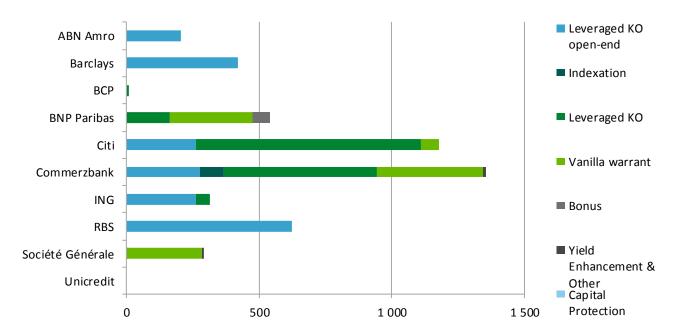
The chart below displays the number of trades per product type for each issuer active in an NYSE Euronext market.



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

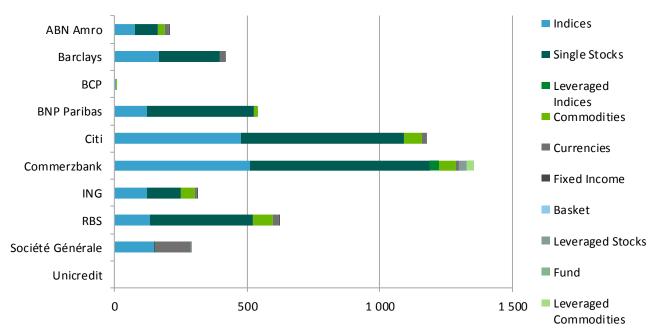
Product types

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

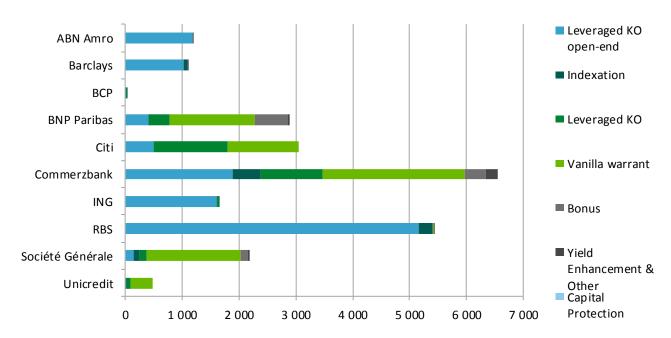
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an NYSE Euronext market.



ISSUER ACTIVITY: PRODUCT RANGE

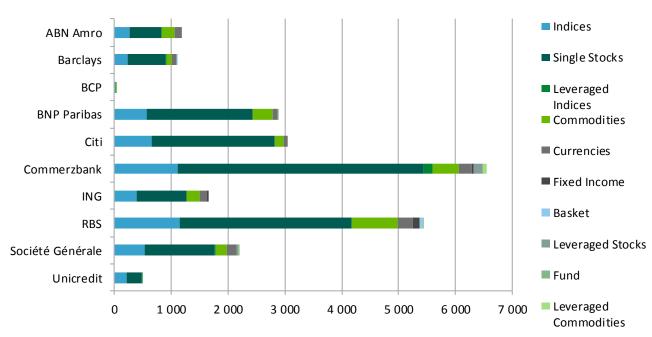
Product types

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 - November 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.

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
6998S	FR0011214527	Pure indexation	Société Générale	CAC10 PLOPENS	10,494	69,630
6999S	FR0011214535	Pure indexation	Société Générale	CAC10 PLOPENS	10,242	57,891
U877N	NL0009794494	Leveraged KO open-end	RBS	AEX 361TS OPENN	2,466	16,641
7731S	FR0010961078	Pure indexation	Société Générale	CAC5L PLOPENS	1,806	12,571
LV10Z	DE000CZ28ZC2	Pure indexation	Commerzbank	LV10Z FACOPENZ	2,888	9,364
6539A	NL0009717206	Leveraged KO open-end	ABN Amro	AEX 359TS OPENA	1,097	8,137
SH10Z	DE000CZ28ZD0	Pure indexation	Commerzbank	SH10Z FACOPENZ	2,672	8,090
6947S	FR0011130350	Pure indexation	Société Générale	CAC7S PI OPENS	924	7,483
7734S	FR0010961102	Pure indexation	Société Générale	CAC5S PI OPENS	1,472	7,345
2608G	NL0009757806	Leveraged KO open-end	ING	AEX 355SPSOPENG	976	6,459
0471N	NL0010175410	Leveraged KO open-end	RBS	AEX 319TL OPENN	1,366	6,411
C907A	NL0010175410	Leveraged KO open-end	ABN Amro	AEX 337TS OPENA	573	6,286
6206N	NL0010133321 NL0010250395	Leveraged KO open-end	RBS	AEX 33713 OF ENA	892	6,150
6083N	NL0010230393	Leveraged KO open-end	RBS	AEX 33313 OPENN AEX 328TL OPENN	1,037	6,078
		Leveraged KO open-end	ABN Amro	AEX 327TL OPENA	343	
C833A	NL0010154589					6,048
5219N	NL0010134771	Leveraged KO open-end	RBS	AEX 345TS OPENN	2,150	5,986
6940S	FR0011119395	Pure indexation	Société Générale	CAC7L PI OPENS	1,063	5,367
1898Z	DE000CM44LW5	Leveraged KO open-end	Commerzbank	GOLD 1296TL OPENZ	235	5,211
4206A	NL0009607613	Leveraged KO open-end	ABN Amro	AEX 385TS OPENA	127	5,057
C963A	NL0010155883	Leveraged KO open-end	ABN Amro	AEX 324TL OPENA	362	4,728
5556N	NL0010246096	Leveraged KO open-end	RBS	AEX 324TL OPENN	771	4,635
C990A	NL0010156154	Leveraged KO open-end	ABN Amro	AEX 330TL OPENA	144	4,590
5832A	NL0009648161	Leveraged KO open-end	ABN Amro	AEX 376TS OPENA	226	4,490
6380N	NL0010251906	Leveraged KO open-end	RBS	AEX 324TL OPENN	380	4,459
6T16Z	DE000CK9PF56	Vanilla warrant	Commerzbank	CAC40 3250C 1112Z	144	4,378
5286N	NL0010223657	Leveraged KO open-end	RBS	AEX 321.3BL OPENN	1,162	4,303
2002N	NL0010112405	Leveraged KO open-end	RBS	DJTLC 180TL OPENN	8	4,290
B964A	NL0010145876	Leveraged KO open-end	ABN Amro	AEX 318TL OPENA	554	4,149
D223G	NL0010201893	Leveraged KO open-end	ING	AEX 315SPLOPENG	629	4,129
C850A	NL0010154753	Leveraged KO open-end	ABN Amro	AEX 331TL OPENA	144	4,011
6418N	NL0010252250	Leveraged KO open-end	RBS	AEX 327TL OPENN	344	4,005
5292N	NL0010223715	Leveraged KO open-end	RBS	AEX 348.7BS OPENN	765	3,901
U538N	NL0009753045	Leveraged KO open-end	RBS	AEX 363TS OPENN	1,062	3,695
6185N	NL0010250205	Leveraged KO open-end	RBS	AEX 338TS OPENN	724	3,691
C571A	NL0010151940	Leveraged KO open-end	ABN Amro	AEX 324TL OPENA	497	3,658
9202S	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	185	3,616
5636A	NL0009646207	Leveraged KO open-end	ABN Amro	AEX 379TS OPENA	153	3,580
1029P	PTBITAYE0046	Pure indexation	ВСР	SP500 PLOPENP	522	3,465
0464N	NL0010175345	Leveraged KO open-end	RBS	AEX 316TL OPENN	672	3,396
5469N	NL0010225488	Leveraged KO open-end	RBS	AEX 313.1BL OPENN	716	3,217
6114N	NL0010249587	Leveraged KO open-end	RBS	AEX 331TL OPENN	520	3,175
C906A	NL0010155313	Leveraged KO open-end	ABN Amro	AEX 339TS OPENA	271	3,126
5243A	NL0009642289	Leveraged KO open-end	ABN Amro	DAX 8430TS OPENA	43	3,092
5213/N	NL0010223665	Leveraged KO open-end	RBS	AEX 317.3BL OPENN	1,272	3,079
0498N	NL0010223003 NL0010175683	Leveraged KO open-end	RBS	AEX 322TL OPENN	912	3,041
B712A	NL0010173083 NL0010143350	Leveraged KO open-end	ABN Amro	AEX 305TL OPENA	398	3,034
B828A	NL0010143330 NL0010144515	Leveraged KO open-end	ABN Amro	AEX 309TL OPENA	432	2,942
1156N	FR0010371062	Pure indexation Quanto	RBS	GOLD PIQOPENN	68	2,942
B965A	NL0010371002 NL0010145884	Leveraged KO open-end	ABN Amro	AEX 320TL OPENA	492	2,770
Y026B	NL0010145884 NL0010265831	Leveraged KO open-end Leveraged KO	BNP Paribas	CAC40 3600TPS0313B	291	
	/SE Euronext)	Leverageu NO	DINE EQUINGS	CAC40 20001120212B	231	2,702



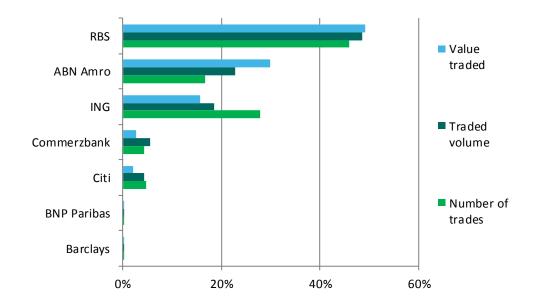
NYSE Euronext Amsterdam

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		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 M€)	month			(in M)	month				month			
RBS	15.6	7.7%	-12%	49.2%	8.8	2.6%	8.7%	48.6%	3,292	3.4%	-3.9%	46.0%	
ABN Amro	9.5	20%	-4.3%	29.9%	4.1	18%	-5.8%	22.8%	1,195	14%	-4.6%	16.7%	
ING	5.0	13%	-23%	15.7%	3.4	6.5%	-17%	18.6%	1,993	12%	-2.9%	27.8%	
Commerzbank	0.8	31%	-23%	2.7%	1.0	24%	-11%	5.6%	312	-3.6%	-12%	4.4%	
Citi	0.7	-47%	-47%	2.2%	0.8	-38%	-53%	4.3%	346	-12%	-21%	4.8%	
BNP Paribas	0.1	32%	188%	0.3%	0.0	63%	215%	0.1%	17	65%	154%	0.2%	
Barclays	0.0	306%	97%	0.1%	0.0	ND	830%	0.0%	1	190%	83%	0.0%	
Total	31.6	10%	-13%		18.1	4.5%	-6.5%		7,155	6.4%	-5.0%		

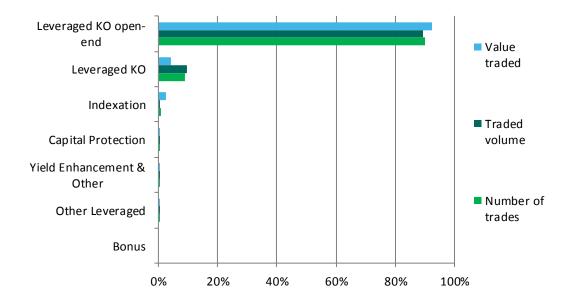


Product types

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		N	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	27.7	5.0%	-17%	92.5%	14.3	-3.6%	-12%	89.5%	5,959	2.4%	-6.9%	89.9%
Leveraged KO	1.3	2.2%	-44%	4.3%	1.5	-7.0%	-43%	9.5%	594	-12%	-40%	9.0%
Indexation	0.8	34%	8.1%	2.7%	0.1	109%	29%	0.6%	49	11%	-11%	0.7%
Capital Protection	0.0	24%	85%	0.1%	0.0	24%	83%	0.2%	2	62%	149%	0.0%
Yield Enhancement & Other	0.0	14%	7.5%	0.1%	0.0	14%	6.5%	0.0%	1	37%	12%	0.0%
Other Leveraged	0.0	-25%	121%	0.1%	0.0	62%	25%	0.1%	3	-26%	-34%	0.0%
Bonus	0.1	31%	187%	0.3%	0.0	63%	215%	0.1%	17	64%	154%	0.3%
Reverse Convertibles/Exchangea												
Total	29.9	05%	-18%		16	-04%	-16%		6,626	01%	-11%	

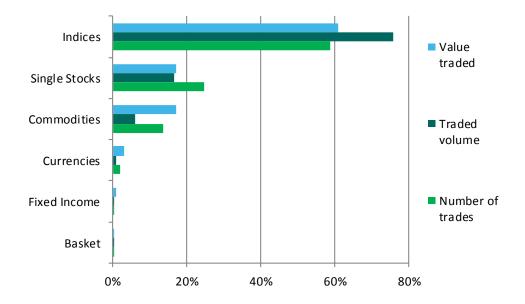


Underlying types

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	19.2	13%	-17%	60.9%	13.7	6.1%	-6.2%	75.9%	4,198	5.0%	-6.9%	58.7%
Single Stocks	5.4	2.3%	-11%	17.2%	3.0	3.6%	-11%	16.5%	1,776	11%	0.3%	24.8%
Commodities	5.4	8.7%	13%	17.2%	1.1	-10%	16%	6.0%	968	6.0%	4.8%	13.5%
Currencies	0.9	-2.8%	-43%	3.0%	0.2	1.1%	-35%	1.0%	153	-7.3%	-35%	2.1%
Fixed Income	0.3	71%	-52%	0.8%	0.0	41%	-50%	0.3%	36	19%	-44%	0.5%
Basket	0.2	-2.3%	1.1%	0.8%	0.0	-6.5%	-19%	0.1%	18	5.6%	-8.5%	0.3%
Fund	0.0	25%	48%	0.1%	0.0	15%	49%	0.1%	2	128%	49%	0.0%
Leveraged Indices	0.0	-32%	-93%	0.0%	0.0	-65%	-97%	0.0%	0	67%	54%	0.0%
Total	31.6	10%	-13%		18	4.5%	-6.5%		7,151	6.4%	-5.0%	

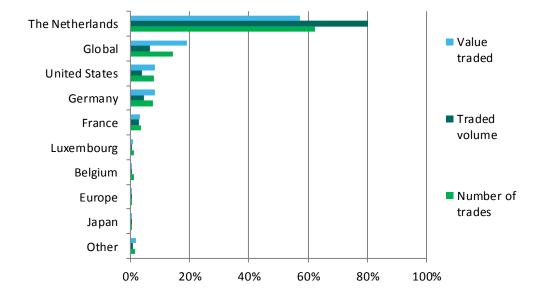


Top 10 underlying countries

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	18.1	14%	-14%	57.2%	14.5	6.0%	-6.6%	80.1%	4,451	8.1%	-5.1%	62.2%
Global	6.0	10%	12%	19.0%	1.2	-7.5%	8.6%	6.5%	1,022	6.9%	3.2%	14.3%
United States	2.6	12%	-31%	8.2%	0.7	15%	-30%	3.7%	575	14%	-12%	8.0%
Germany	2.6	-5.9%	-33%	8.1%	0.8	-1.9%	-8.0%	4.6%	537	-4.6%	-8.2%	7.5%
France	1.0	6.8%	30%	3.2%	0.5	-6.3%	19%	2.9%	262	0.4%	13%	3.7%
Luxembourg	0.3	-23%	-36%	0.9%	0.1	-23%	-26%	0.6%	94	-23%	-33%	1.3%
Belgium	0.2	3.6%	-3.2%	0.5%	0.1	27%	-7.7%	0.3%	73	22%	3.6%	1.0%
Europe	0.1	26%	-29%	0.4%	0.0	41%	-32%	0.2%	16	-9.0%	-41%	0.2%
Japan	0.1	-3.8%	-68%	0.4%	0.0	22%	-7.1%	0.1%	19	27%	-11%	0.3%
Other	0.6	-2.4%	5.7%	1.9%	0.2	33%	0.1%	0.9%	107	-1.4%	-13%	1.5%
Total	31.6	10%	-13%		18	4.5%	-6.5%		7,155	6.4%	-5.0%	

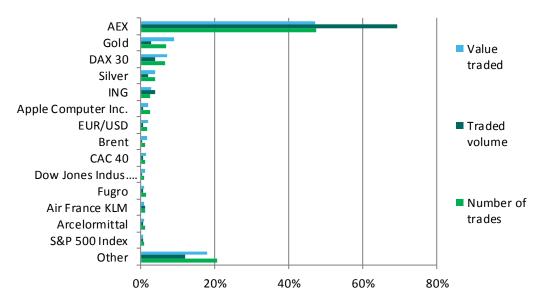


Top 15 underlyings

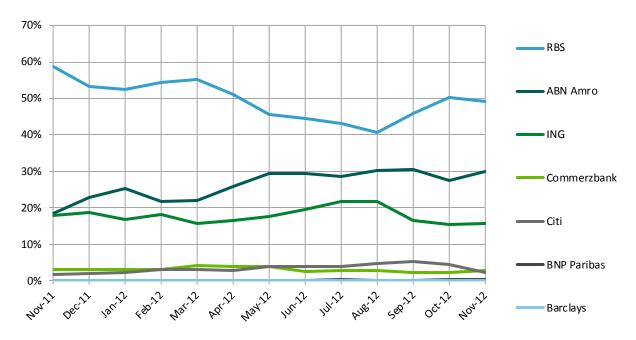
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Amsterdam for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Amsterdam.

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 v	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	14.9	15%	-14%	47.2%	12.5	5.9%	-5.0%	69.3%	3,393	5.6%	-5.8%	47.4%
Gold	2.9	18%	19%	9.1%	0.5	-8.7%	30%	2.9%	492	11%	9.5%	6.9%
DAX 30	2.3	-10%	-31%	7.1%	0.7	-7.8%	-5.7%	3.9%	472	-6.6%	-3.8%	6.6%
Silver	1.2	4.1%	15%	3.8%	0.4	-13%	16%	2.0%	271	17%	17%	3.8%
ING	0.9	-22%	-42%	2.8%	0.7	-19%	-43%	3.8%	175	-25%	-51%	2.5%
Apple Computer Inc.	0.7	-8.8%	-35%	2.1%	0.1	-24%	-44%	0.7%	181	14%	9.1%	2.5%
EUR/USD	0.7	15%	-34%	2.1%	0.1	1.3%	-38%	0.8%	120	-4.1%	-36%	1.7%
Brent	0.5	9.8%	-21%	1.7%	0.1	27%	-28%	0.3%	81	12%	-30%	1.1%
CAC 40	0.4	33%	8.8%	1.4%	0.1	36%	4.5%	0.8%	93	11%	-1.8%	1.3%
Dow Jones Indus. Avg.	0.4	36%	-17%	1.3%	0.1	22%	8.0%	0.4%	60	32%	0.3%	0.8%
Fugro	0.3	887%	184%	1.0%	0.1	ND	197%	0.5%	97	704%	161%	1.4%
Air France KLM	0.3	24%	194%	1.0%	0.2	1.6%	129%	1.2%	85	13%	97%	1.2%
Arcelormittal	0.3	-22%	-35%	0.8%	0.1	-22%	-25%	0.6%	83	-23%	-30%	1.2%
S&P 500 Index	0.2	33%	-68%	0.7%	0.1	82%	-60%	0.7%	67	77%	-46%	0.9%
Other	5.6	6.9%	-4.3%	17.8%	2.2	14%	-0.4%	12.1%	1,484	7.4%	2.2%	20.7%
Total	31.6	10%	-13%		18	4.5%	-6.5%		7,155	6.4%	-5.0%	

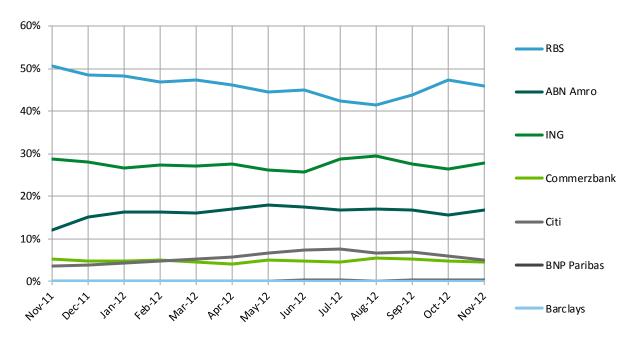


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Amsterdam.

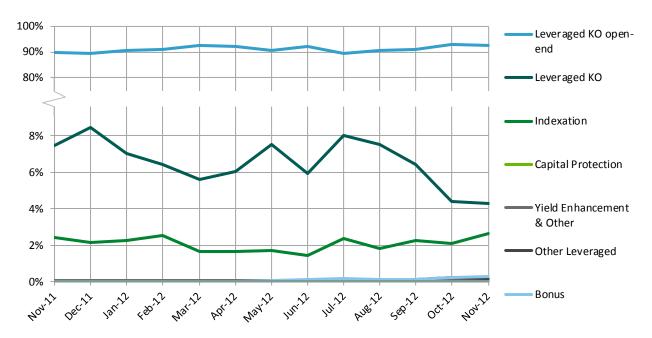


Number of transactions

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

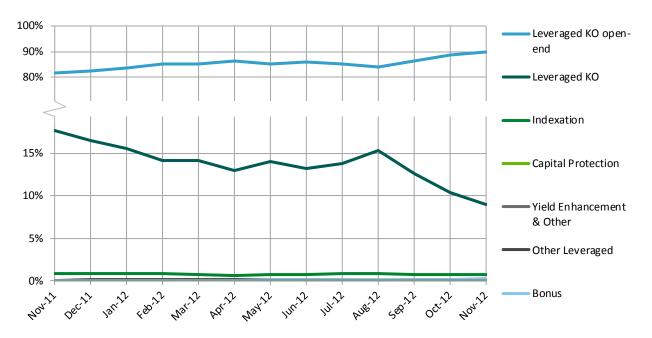


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Amsterdam.

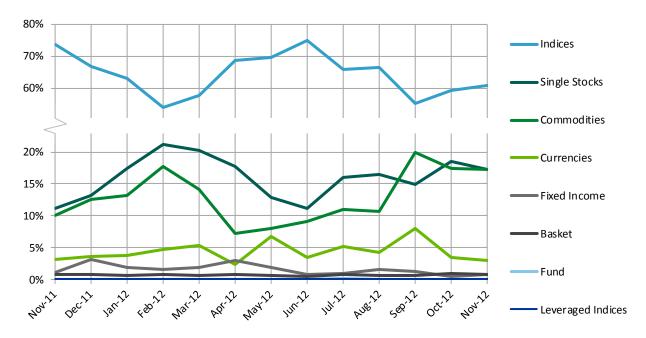


Number of transactions

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

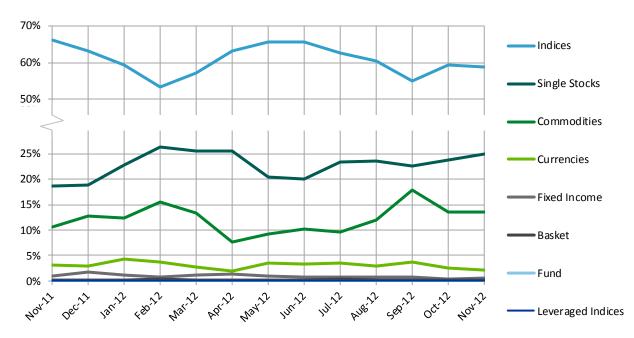


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Amsterdam.



Number of transactions

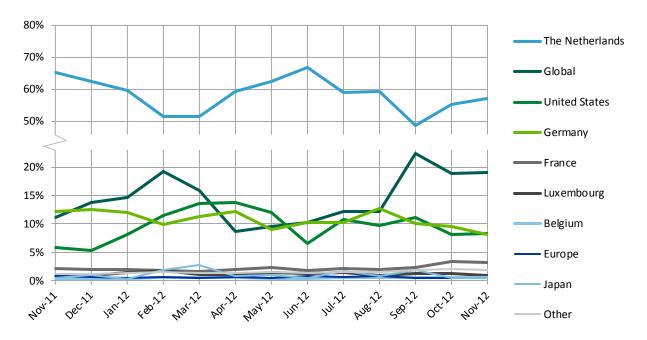
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Amsterdam.



MARKET TREND: UNDERLYING COUNTRIES

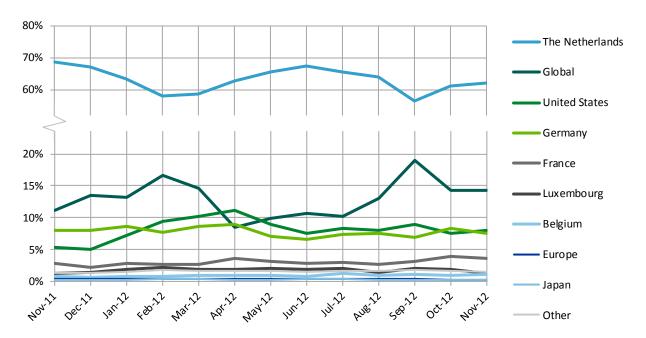
Value traded

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.

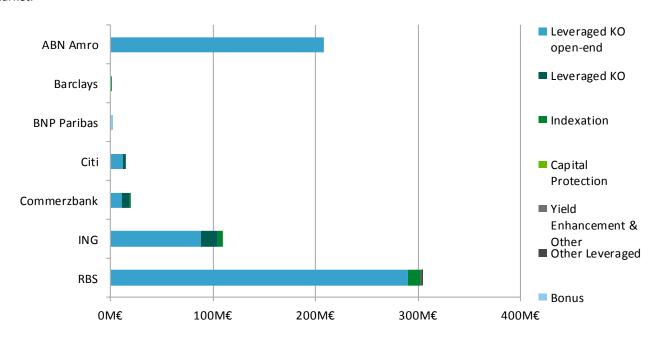


Number of transactions

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.

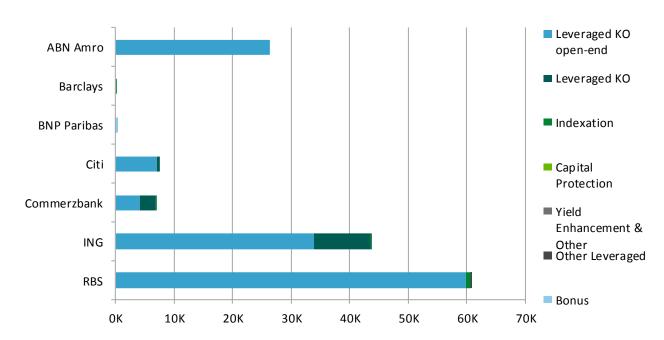


The chart below displays the value traded per product type (in million Euros) for each issuer active in an NYSE Euronext market.



Number of transactions

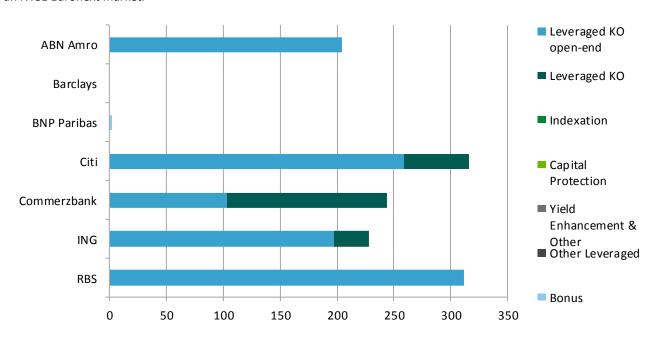
The chart below displays the number of trades per product type for each issuer active in an NYSE Euronext market.



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

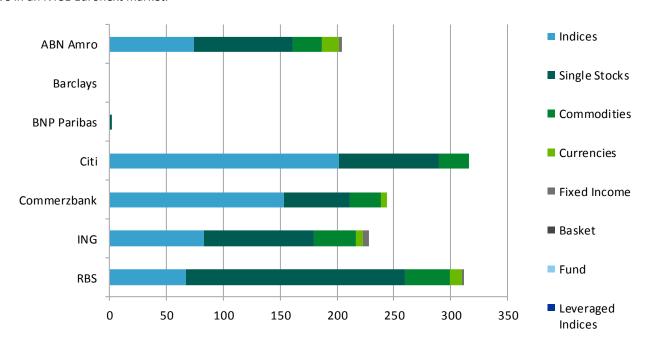
Product types

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

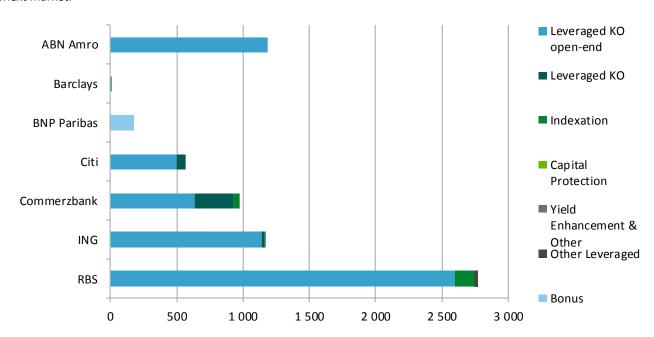
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an NYSE Euronext market.



ISSUER ACTIVITY: PRODUCT RANGE

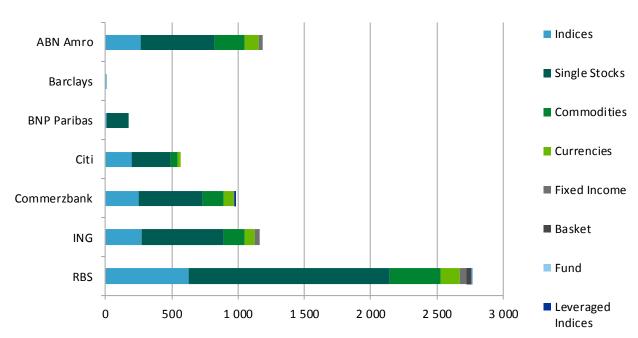
Product types

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 - November 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.

						Value
Trading	ISIN Code	Product type	Issuer	Name	Number of	traded
symbol	isiiv code	r roduct type	133461	Name	trades	(in K€)
U877N	NL0009794494	Leveraged KO open-end	RBS	AEX 361TS OPENN	2,466	16,641
6539A	NL0009717206	Leveraged KO open-end	ABN Amro	AEX 359TS OPENA	1,097	8,137
2608G	NL0009757806	Leveraged KO open-end	ING	AEX 355SPSOPENG	976	6,459
0471N	NL0003737800 NL0010175410	Leveraged KO open-end	RBS	AEX 33331301 ENG	1,366	6,411
C907A	NL0010175410 NL0010155321	Leveraged KO open-end	ABN Amro	AEX 337TS OPENA	573	6,286
6206N	NL0010133321 NL0010250395	Leveraged KO open-end	RBS	AEX 33713 OF ENA	892	6,150
6083N	NL0010230333	Leveraged KO open-end	RBS	AEX 33313 OF ENN	1,037	6,078
C833A	NL0010249300 NL0010154589	Leveraged KO open-end	ABN Amro	AEX 327TL OPENA	343	6,048
5219N	NL0010134389 NL0010134771	Leveraged KO open-end	RBS	AEX 345TS OPENN	2,150	5,986
4206A	NL0010134771 NL0009607613	Leveraged KO open-end	ABN Amro	AEX 345TS OPENA	127	5,057
C963A		Leveraged KO open-end	ABN Amro	AEX 38313 OPENA AEX 324TL OPENA	362	4,728
	NL0010155883	e .				4,728
5556N	NL0010246096	Leveraged KO open-end	RBS	AEX 324TL OPENN	771	
C990A	NL0010156154	Leveraged KO open-end	ABN Amro	AEX 330TL OPENA	144	4,590
5832A	NL0009648161	Leveraged KO open-end	ABN Amro	AEX 376TS OPENA	226	4,490
6380N	NL0010251906	Leveraged KO open-end	RBS	AEX 324TL OPENN	380	4,459
5286N	NL0010223657	Leveraged KO open-end	RBS	AEX 321.3BL OPENN	1,162	4,303
2002N	NL0010112405	Leveraged KO open-end	RBS	DJTLC 180TL OPENN	8	4,290
B964A	NL0010145876	Leveraged KO open-end	ABN Amro	AEX 318TL OPENA	554	4,149
D223G	NL0010201893	Leveraged KO open-end	ING	AEX 315SPLOPENG	629	4,129
C850A	NL0010154753	Leveraged KO open-end	ABN Amro	AEX 331TL OPENA	144	4,011
6418N	NL0010252250	Leveraged KO open-end	RBS	AEX 327TL OPENN	344	4,005
5292N	NL0010223715	Leveraged KO open-end	RBS	AEX 348.7BS OPENN	765	3,901
U538N	NL0009753045	Leveraged KO open-end	RBS	AEX 363TS OPENN	1,062	3,695
6185N	NL0010250205	Leveraged KO open-end	RBS	AEX 338TS OPENN	724	3,691
C571A	NL0010151940	Leveraged KO open-end	ABN Amro	AEX 324TL OPENA	497	3,658
5636A	NL0009646207	Leveraged KO open-end	ABN Amro	AEX 379TS OPENA	153	3,580
0464N	NL0010175345	Leveraged KO open-end	RBS	AEX 316TL OPENN	672	3,396
5469N	NL0010225488	Leveraged KO open-end	RBS	AEX 313.1BL OPENN	716	3,217
6114N	NL0010249587	Leveraged KO open-end	RBS	AEX 331TL OPENN	520	3,175
C906A	NL0010155313	Leveraged KO open-end	ABN Amro	AEX 339TS OPENA	271	3,126
5243A	NL0009642289	Leveraged KO open-end	ABN Amro	DAX 8430TS OPENA	43	3,092
5287N	NL0010223665	Leveraged KO open-end	RBS	AEX 317.3BL OPENN	1,272	3,079
0498N	NL0010175683	Leveraged KO open-end	RBS	AEX 322TL OPENN	912	3,041
B712A	NL0010143350	Leveraged KO open-end	ABN Amro	AEX 305TL OPENA	398	3,034
B828A	NL0010144515	Leveraged KO open-end	ABN Amro	AEX 309TL OPENA	432	2,942
B965A	NL0010145884	Leveraged KO open-end	ABN Amro	AEX 320TL OPENA	492	2,760
C951A	NL0010155768	Leveraged KO open-end	ABN Amro	AEX 328TS OPENA	126	2,676
4158N	NL0006276966	Leveraged KO open-end	RBS	AEX 387 TS OPENN	103	2,671
4806N	NL0006343345	Leveraged KO open-end	RBS	AEX 375 TS OPENN	366	2,581
2202N	NL0010114427	Leveraged KO open-end	RBS	BUND 150TS OPENN	166	2,576
N774N	NL0009070879	Leveraged KO open-end	RBS	ING 3.6 TL OPENN	70	2,520
T097N	NL0009664168	Leveraged KO open-end	RBS	DAX 7610 TS OPENN	359	2,473
4872A	NL0009636190	Leveraged KO open-end	ABN Amro	SUGARO.353TS OPENA	12	2,375
5164N	NL0010134227	Leveraged KO open-end	RBS	DAX 7010TL OPENN	128	2,356
6315N	NL0010251328	Leveraged KO open-end	RBS	AEX 328TS OPENN	319	2,341
D885G	NL0010208518	Leveraged KO	ING	AEX 340LSS1212G	1,596	2,329
5117N	NL0010133757	Leveraged KO open-end	RBS	GOLD 1665TL OPENN	403	2,320
C224A	NL0010148474	Leveraged KO open-end	ABN Amro	GOLD 1615TL OPENA	269	2,304
C570A	NL0010151932	Leveraged KO open-end	ABN Amro	AEX 322TL OPENA	216	2,273
B963A	NL0010145868	Leveraged KO open-end	ABN Amro	AEX 316TL OPENA	332	2,257
	YSE Euronext)	<u> </u>				



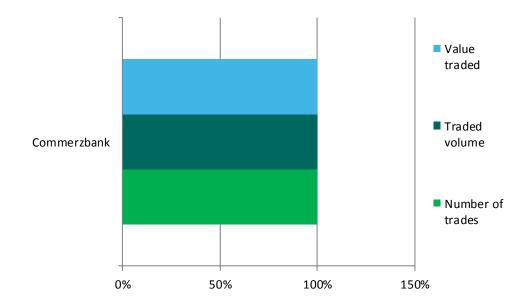
NYSE Euronext Brussels

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	45.5	12%	-6.9%	100.0%	99.7	-1.7%	-11%	100.0%	21	28%	-8.7%	100.0%
Total	45.5	12%	-6.9%		99.7	-1.7%	-11%		21	28%	-8.7%	

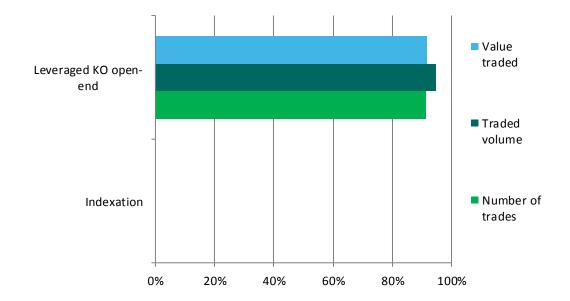


Product types

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	41.8	6.7%	3.6%	91.9%	94.6	-2.1%	3.3%	94.8%	19	28%	3.2%	91.3%
Indexation	3.7	139%	-56%	8.1%	5.1	6.5%	-75%	5.2%	2	27%	-59%	8.7%
Vanilla warrant												
Total	45.5	12%	-6.9%		99.7	-1.7%	-11%		21	28%	-8.7%	

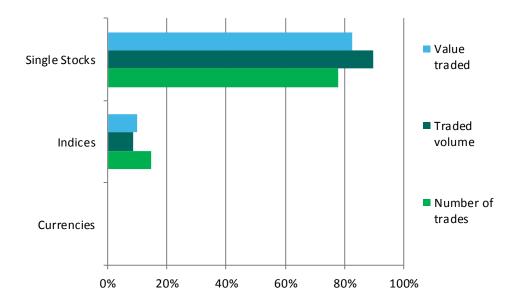


Underlying types

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	37.7	-2.7%	-19%	82.8%	89.4	-9.5%	-18%	89.7%	16	6.9%	-25%	77.9%
Indices	4.5	253%	192%	9.9%	8.5	326%	286%	8.5%	3	239%	228%	14.8%
Currencies	1.7		977%	3.7%	0.8		977%	0.8%	1		977%	4.8%
Commodities	1.7	127%	178%	3.6%	1.0	44%	99%	1.0%	1	151%	164%	2.6%
Fixed Income												
Total	45.5	12%	-6.9%		99.7	-1.7%	-11%		21	28%	-8.7%	

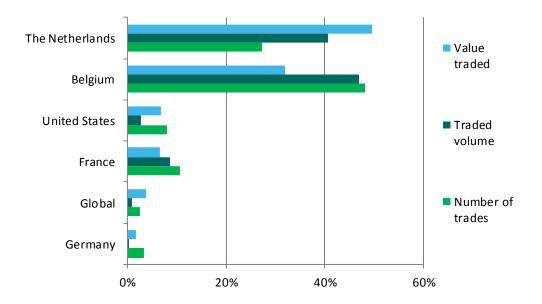


Top 10 underlying countries

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					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 K€)	month			(in K)	month				month		
The Netherlands	22.5	-10%	39%	49.5%	40.4	-32%	-11%	40.6%	6	-2.4%	0.7%	27.3%
Belgium	14.5	20%	-48%	31.9%	46.8	27%	-22%	46.9%	10	18%	-32%	48.2%
United States	3.1	133%	135%	6.7%	2.7	62%	83%	2.7%	2	222%	120%	8.0%
France	3.0	120%	62%	6.6%	8.6	187%	91%	8.6%	2	97%	97%	10.6%
Global	1.7	127%	178%	3.6%	1.0	44%	99%	1.0%	1	151%	164%	2.6%
Germany	0.7		977%	1.6%	0.2		977%	0.2%	1		977%	3.3%
Other		-100%	-100%			-100%	-100%			-100%	-100%	
Total	45.5	12%	-6.9%		99.7	-1.7%	-11%		21	28%	-9%	



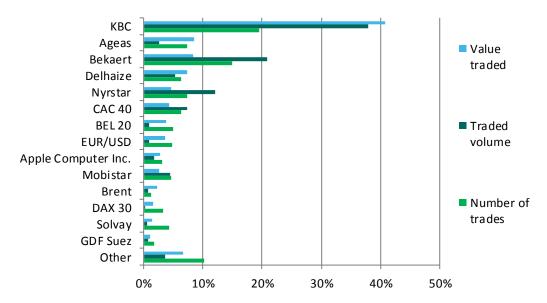
MARKET OVERVIEW

Top 15 underlyings

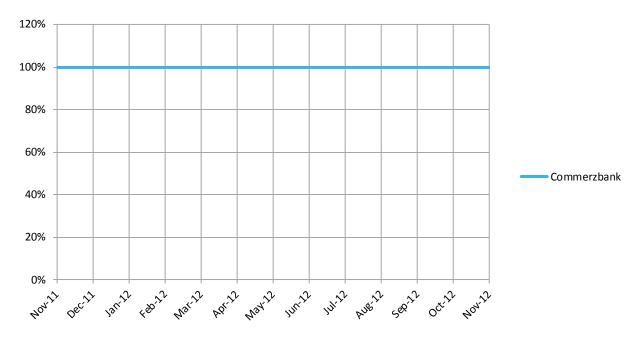
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Brussels for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Brussels.

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 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		
KBC	18.6	-17%	60%	40.8%	37.8	-29%	4.1%	37.9%	4	-9.5%	7.6%	19.5%
Ageas	3.9	65%	15%	8.6%	2.6	-55%	-66%	2.6%	2	42%	9.0%	7.4%
Bekaert	3.8	50%	-59%	8.4%	20.8	39%	-14%	20.8%	3	57%	-41%	15.0%
Delhaize	3.4	225%	-8.2%	7.4%	5.3	398%	23%	5.3%	1	133%	-3.0%	6.3%
Nyrstar	2.1	240%	-35%	4.6%	12.0	467%	-8.7%	12.0%	2	196%	-16%	7.4%
CAC 40	2.0	557%	829%	4.4%	7.4	415%	796%	7.4%	1	911%	876%	6.3%
BEL 20	1.7	78%	89%	3.8%	0.8	52%	-12%	0.8%	1	34%	57%	5.0%
EUR/USD	1.7		977%	3.7%	0.8		977%	0.8%	1		977%	4.8%
Apple Computer Inc.	1.3	88%	32%	2.8%	1.8	207%	53%	1.8%	1	144%	17%	3.0%
Mobistar	1.2	-49%	-59%	2.6%	4.4	-53%	-27%	4.4%	1	-49%	-41%	4.6%
Brent	1.0	42%	92%	2.3%	0.8	15%	66%	0.8%	0	25%	50%	1.3%
DAX 30	0.7		977%	1.6%	0.2		977%	0.2%	1		977%	3.3%
Solvay	0.6	-31%	-73%	1.4%	0.6	-8.2%	-74%	0.6%	1	10%	-18%	4.3%
GDF Suez	0.5	61%	-35%	1.0%	0.8	-17%	-67%	0.8%	0	-24%	-30%	1.7%
Other	3.0	-44%	-66%	6.7%	3.6	-64%	-71%	3.6%	2	-32%	-50%	10.2%
Total	45.5	12%	-6.9%		99.7	-1.7%	-11%		21	28%	-8.7%	

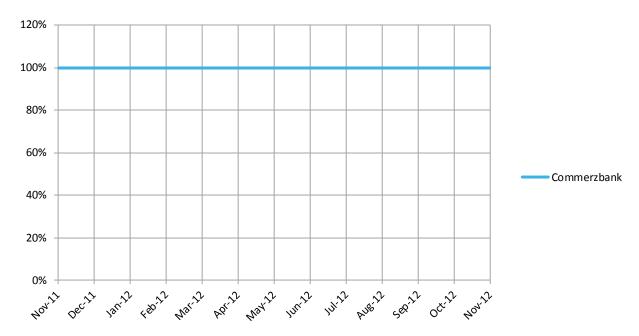


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Brussels.

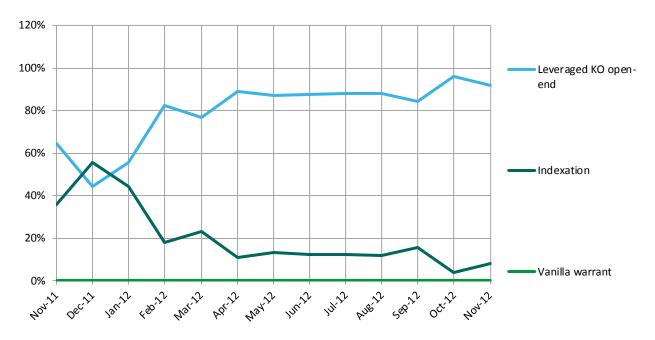


Number of transactions

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

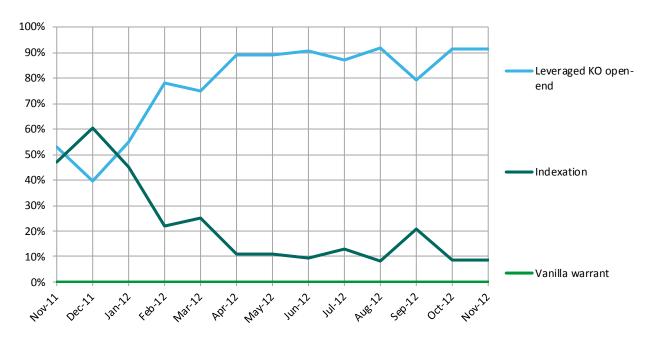


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Brussels.

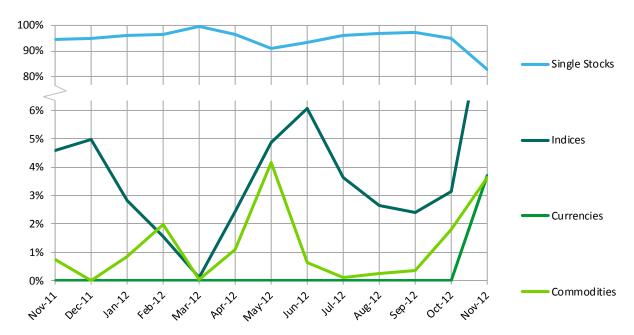


Number of transactions

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

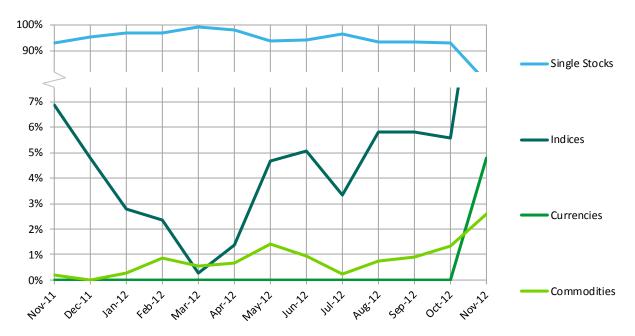


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Brussels.



Number of transactions

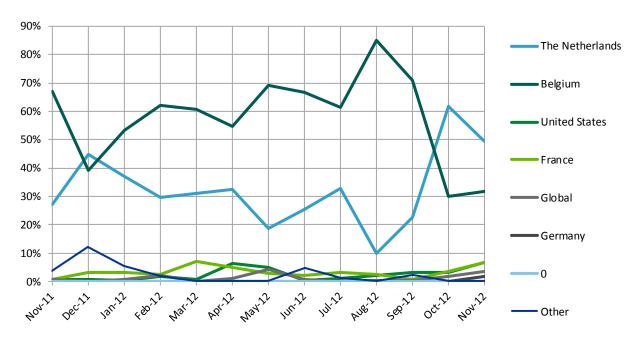
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Brussels.



MARKET TREND: UNDERLYING COUNTRIES

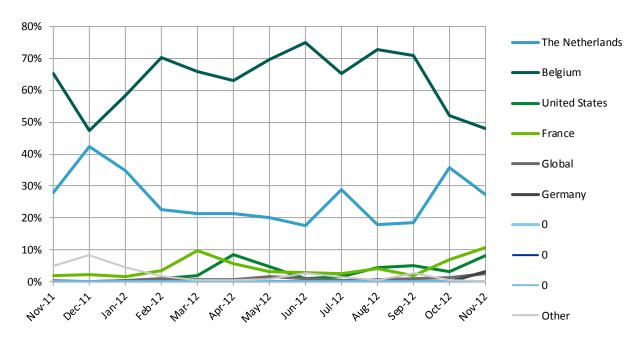
Value traded

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.

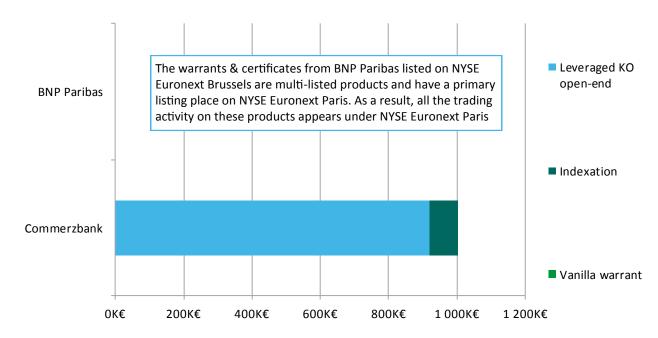


Number of transactions

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.

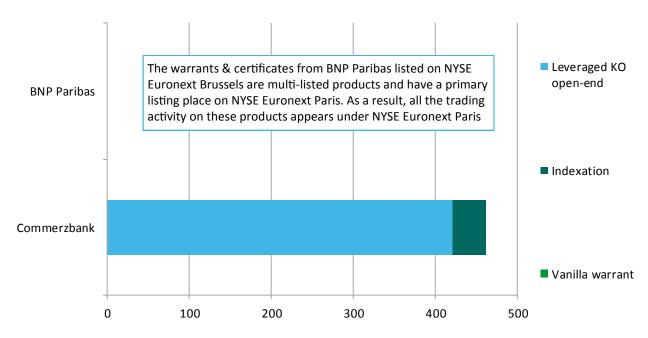


The chart below displays the value traded per product type (in million Euros) for each issuer active on NYSE Euronext Brussels.



Number of transactions

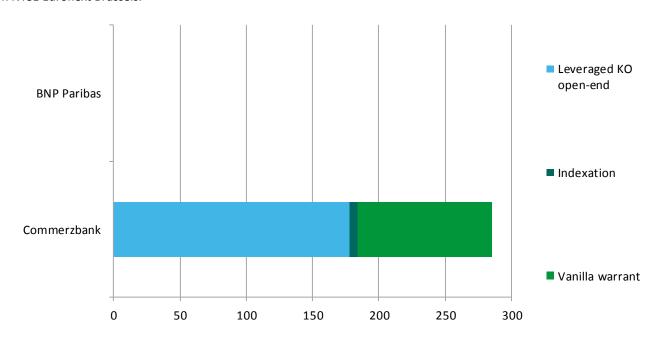
The chart below displays the number of trades per product type for each issuer active on NYSE Euronext Brussels.



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

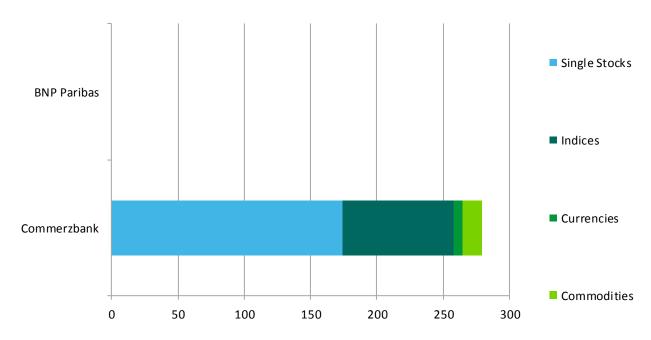
Product types

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

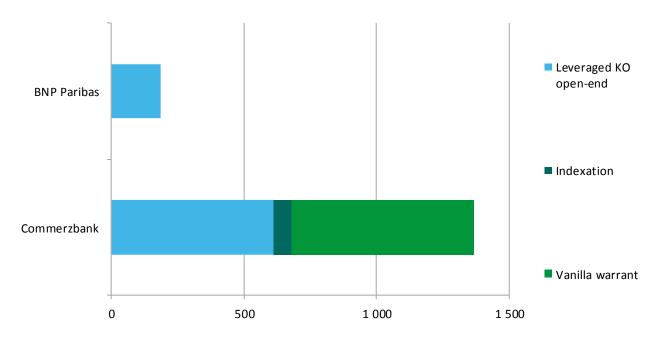
The chart below displays the number of new product listings during the month per underlying type for each issuer active on NYSE Euronext Brussels.



ISSUER ACTIVITY: PRODUCT RANGE

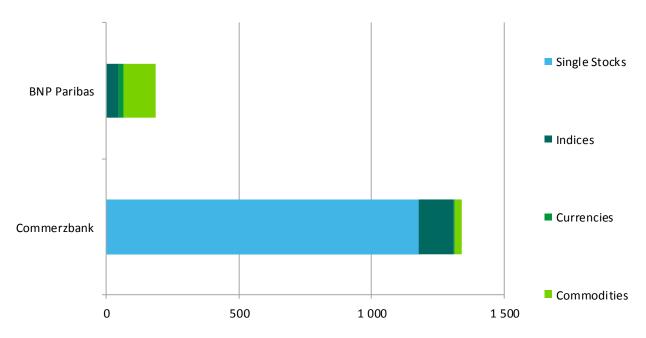
Product types

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 - November 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€)
66G3Z	DE000CM8LVL4	Leveraged KO open-end	Commerzbank	KBC 15.8TL OPENZ	44	237
76J3Z	DE000CM8LWL2	Leveraged KO open-end	Commerzbank	AGEAS 18TL OPENZ	25	58
36F2Z	DE000CM8LUG6	Leveraged KO open-end	Commerzbank	KBC 14TL OPENZ	6	57
93D2Z	DE000CM8LSW7	Leveraged KO open-end	Commerzbank	DELHA 25TL OPENZ	13	39
31M1Z	DE000CM8LZK7	Leveraged KO open-end	Commerzbank	CAC40 3300TL OPENZ	8	37
C742Z	DE000CM8LDN8	Leveraged KO open-end	Commerzbank	BEL 2760TS OPENZ	18	31
DE5CZ	DE000CB74SX8	Pure indexation	Commerzbank	DELHA ACCOPENZ	5	29
67G3Z	DE000CM8LVM2	Leveraged KO open-end	Commerzbank	KBC 16.5TL OPENZ	2	27
16K1Z	DE000CM8LXC9	Leveraged KO open-end	Commerzbank	KBC 17.5TL OPENZ	13	27
M699Z	DE000CB55XJ6	Pure indexation	Commerzbank	KBC FACOPENZ	6	26
A916Z	DE000CM3UZL7	Leveraged KO open-end	Commerzbank	BRENT 135.TS OPENZ	6	23
34F2Z	DE000CM8LUE1	Leveraged KO open-end	Commerzbank	BEKB 16.5TL OPENZ	15	22
27M2Z	DE000CM8MAA9	Leveraged KO open-end	Commerzbank	EUUSD1.315TS OPENZ	12	21
33F2Z	DE000CM8LUD3	Leveraged KO open-end	Commerzbank	BEKB 15.5TL OPENZ	11	19
B992Z	DE000CM3WSS3	Leveraged KO open-end	Commerzbank	BEKB 11.23TL OPENZ	16	19
71G3Z	DE000CM8LVQ3	Leveraged KO open-end	Commerzbank	NYRST 3.5TL OPENZ	11	19
54M3Z	DE000CM8MBB5	Leveraged KO open-end	Commerzbank	MBSTR 16.5TL OPENZ	8	15
68G3Z	DE000CM8LVN0	Leveraged KO open-end	Commerzbank	NYRST 2.9TL OPENZ	11	14
19K1Z	DE000CM8LXF2	Leveraged KO open-end	Commerzbank	KBC 24.8TS OPENZ	7	14
M795Z	DE000CM8LQM2	Leveraged KO open-end	Commerzbank	APPLE 405TL OPENZ	7	12
77J3Z	DE000CM8LWM0	Leveraged KO open-end	Commerzbank	AGEAS 21TS OPENZ	2	11
T429Z	DE000CM8LHV2	Leveraged KO open-end	Commerzbank	AGEAS 2.3TS OPENZ	4	11
16D3Z	DE000CM8LTJ2	Leveraged KO open-end	Commerzbank	APPLE 510TL OPENZ	1	9
84J3Z	DE000CM8LWT5	Leveraged KO open-end	Commerzbank	COLRU 33.5TL OPENZ	2	9
72E3Z	DE000CM8LTU9	Leveraged KO open-end	Commerzbank	MBSTR 20TL OPENZ	9	8
92M2Z	DE000CM8MAG6	Leveraged KO open-end	Commerzbank	GOLD 1690TL OPENZ	4	8
22M1Z	DE000CM8LZB6	Leveraged KO open-end	Commerzbank	DAX 6900TL OPENZ	4	8
64G3Z	DE000CM8LVJ8	Leveraged KO open-end	Commerzbank	BEKB 18.75TL OPENZ	5	7
98D2Z	DE000CM8LTB9	Leveraged KO open-end	Commerzbank	KBC 10.5TL OPENZ	3	7
25M2Z	DE000CM8LZY8	Leveraged KO open-end	Commerzbank	EUUSD 1.26TL OPENZ	6	7
27K1Z	DE000CM8LXN6	Leveraged KO open-end	Commerzbank	SOLVA 82TL OPENZ	5	6
58M3Z	DE000CM8MBF6	Leveraged KO open-end	Commerzbank	NYRST 5.2TS OPENZ	2	6
99M2Z	DE000CM8MAP7	Leveraged KO open-end	Commerzbank	SILVE 30.5TL OPENZ	2	5
24K3Z	DE000CM8LYJ2	Leveraged KO open-end	Commerzbank	TELEN 32TL OPENZ	5	5
95D2Z	DE000CM8LSY3	Leveraged KO open-end	Commerzbank	GDF 14TL OPENZ	5	5
69E3Z	DE000CM8LTS3	Leveraged KO open-end	Commerzbank	KBC 13.25TL OPENZ	2	5
26M2Z	DE000CM8LZZ5	Leveraged KO open-end	Commerzbank	EUUSD 1.25TL OPENZ	2	5
31F2Z	DE000CM8LUB7	Leveraged KO open-end	Commerzbank	INBEV 52TL OPENZ	3	5
37C3Z	DE000CM8LSU1	Leveraged KO open-end	Commerzbank	DELHA 27TL OPENZ	9	5
22K3Z	DE000CM8LYG8	Leveraged KO open-end	Commerzbank	SOLVA 84TL OPENZ	4	5
GD5CZ	DE000CB74SW0	Pure indexation	Commerzbank	GDF ACCOPENZ	2	5
25M1Z	DE000CB/43W0	Leveraged KO open-end	Commerzbank	DAX 7800TS OPENZ	3	5
UM5CZ	DE000CN8LZE0	Pure indexation	Commerzbank	UMICO ACCOPENZ	3	4
M697Z	DE000CB741C0	Pure indexation	Commerzbank	BEKRT FACOPENZ	5	4
GB5CZ	DE000CB33XG2	Pure indexation	Commerzbank	GBL ACCOPENZ	1	4
15K3Z	DE000CB74310 DE000CM8LYA1	Leveraged KO open-end	Commerzbank	BNP 33.8TL OPENZ	3	4
89J1Z	DE000CM8LVU5	Leveraged KO open-end	Commerzbank	AGEAS 16.5TL OPENZ	2	4
15B1Z	DE000CM8LQZ4	Leveraged KO open-end	Commerzbank	BEL 2000TL OPENZ	2	4
	DE000CM8LQ24		Commerzbank			
32M1Z 17K3Z	DE000CM8LYC7	Leveraged KO open-end Leveraged KO open-end	Commerzbank	CAC40 3600TS OPENZ BNP 44TS OPENZ	14 7	4
	YSE Euronext)	Leverageu NO open-enu	Commerzbank	DINE 4413 OF EINZ	,	4



NYSE Euronext Lisbon

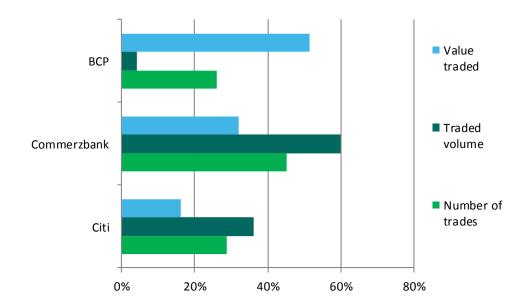
MARKET OVERVIEW

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 traded				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	544.8	31%	60%	51.6%	38.7	-43%	-52%	4.1%	92	59%	104%	26.0%
Commerzbank	339.5	-19%	-42%	32.1%	571.0	-1.4%	-27%	59.9%	161	2.6%	-15%	45.3%
Citi	172.2	-16%	-27%	16.3%	343.7	-21%	-20%	36.0%	102	-19%	1.3%	28.8%
Total	1,056.5	1.5%	-9.0%		953.3	-12%	-26%		356	4.1%	6.2%	

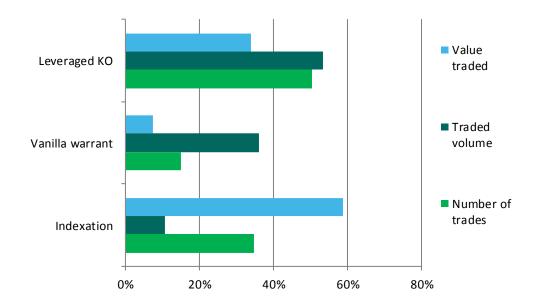


Product types

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 traded					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	359.5	-5.5%	-10%	34.0%	508.4	6.4%	8.0%	53.3%	179	-4.2%	-3.9%	50.3%
Vanilla warrant	77.0	-41%	-60%	7.3%	343.9	-25%	-46%	36.1%	53	-18%	-34%	15.0%
Indexation	619.9	17%	8.6%	58.7%	101.0	-31%	-44%	10.6%	123	38%	81%	34.6%
Total	1,056.5	1.5%	-9.0%		953.3	-12%	-26%		356	4.1%	6.2%	



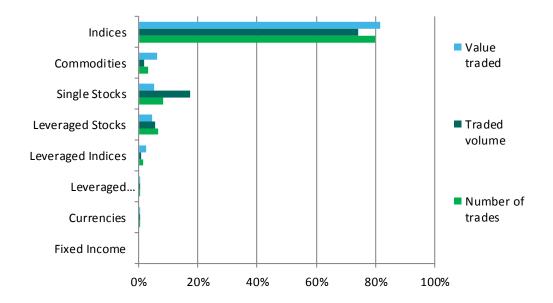
MARKET OVERVIEW

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 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 K€)	month			(in K€)	month				month		
Indices	862.0	18%	14%	81.6%	707.0	9.9%	-11%	74.2%	284	13%	13%	79.8%
Commodities	65.4	-38%	12%	6.2%	15.9	-23%	1.7%	1.7%	11	-9.1%	35%	3.1%
Single Stocks	53.4	-37%	-40%	5.1%	167.0	-50%	-51%	17.5%	30	-37%	-26%	8.4%
Leveraged Stocks	47.2	-4.0%	-47%	4.5%	52.2	-4.4%	-32%	5.5%	23	0.9%	-15%	6.4%
Leveraged Indices	25.5	-59%	-84%	2.4%	8.5	-63%	-80%	0.9%	6	-18%	18%	1.6%
Leveraged Commodities	2.3	33%	16%	0.2%	1.2	-3.5%	-39%	0.1%	2	52%	117%	0.6%
Currencies	0.7	-82%	-89%	0.1%	1.7	-34%	-85%	0.2%	0	-5.9%	-76%	0.1%
Fixed Income			-100%				-100%				-100%	
Total	1,056.5	1.5%	-9.0%		953.3	-12%	-26%		356	4.1%	6.2%	

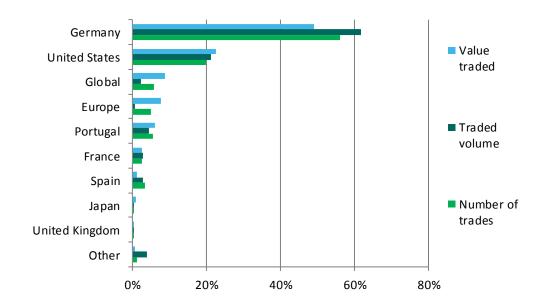


Top 10 underlying countries

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 t	raded			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		
Germany	518.9	2.3%	-19%	49.1%	588.1	9.1%	-17%	61.7%	200	4.3%	-2.8%	56.1%
United States	237.5	38%	46%	22.5%	201.6	18%	26%	21.1%	70	9.2%	42%	19.7%
Global	93.5	-34%	22%	8.8%	20.7	-20%	0.9%	2.2%	21	15%	79%	5.9%
Europe	82.1	-18%	21%	7.8%	6.9	-84%	-83%	0.7%	18	40%	178%	5.0%
Portugal	64.3	31%	44%	6.1%	43.0	-7.4%	-38%	4.5%	20	5.5%	-5.5%	5.6%
France	26.2	-39%	-52%	2.5%	27.6	-82%	-83%	2.9%	9	-49%	-47%	2.4%
Spain	13.9	-15%	-87%	1.3%	26.8	-40%	-74%	2.8%	12	-2.5%	-44%	3.3%
Japan	9.3	126%	220%	0.9%	0.1	113%	213%	0.0%	2	214%	229%	0.4%
United Kingdom	4.2	319%	102%	0.4%	0.1	322%	-40%	0.0%	1	248%	153%	0.3%
Other	6.5	-3.9%	67%	0.6%	38.4	-34%	110%	4.0%	4	-33%	53%	1.2%
Total	1,056.5	1.5%	-9.0%		953.3	-12%	-26%		356	4.1%	6.2%	



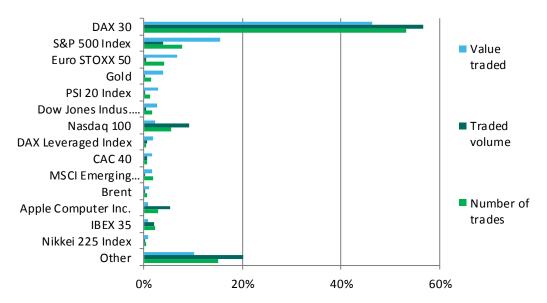
MARKET OVERVIEW

Top 15 underlyings

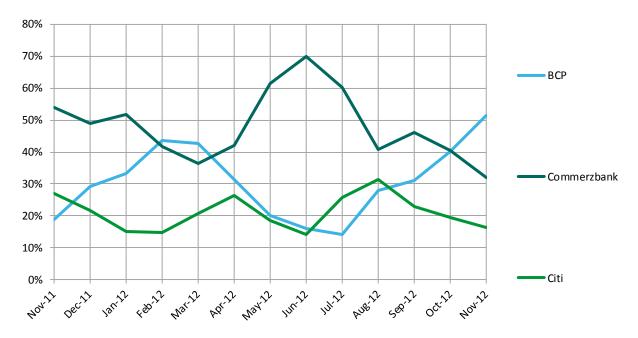
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Lisbon for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Lisbon.

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 traded					Traded	olume/		١	lumber o	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	489.5	8.8%	7.3%	46.3%	540.4	15%	-4.5%	56.7%	189	5.7%	0.0%	53.2%
S&P 500 Index	163.1	100%	165%	15.4%	37.6	22%	143%	3.9%	28	66%	173%	7.9%
Euro STOXX 50	70.6	40%	225%	6.7%	3.7	85%	279%	0.4%	15	59%	262%	4.2%
Gold	41.2	-39%	36%	3.9%	1.0	-83%	-66%	0.1%	5	-8.7%	47%	1.4%
PSI 20 Index	30.5	74%	184%	2.9%	0.6	79%	-86%	0.1%	5	89%	85%	1.3%
Dow Jones Indus. Avg.	28.6	138%	185%	2.7%	3.7	821%	544%	0.4%	6	150%	277%	1.7%
Nasdaq 100	25.4	16%	-19%	2.4%	86.9	51%	20%	9.1%	20	-6.8%	-1.3%	5.7%
DAX Leveraged Index	21.2	-56%	-87%	2.0%	6.5	-58%	-84%	0.7%	2	29%	-47%	0.5%
CAC 40	18.9	69%	138%	1.8%	6.4	90%	-13%	0.7%	3	-30%	30%	0.8%
MSCI Emerging Markets	18.3	-36%	82%	1.7%	1.8	-36%	84%	0.2%	7	74%	223%	2.0%
Brent	11.9	-39%	-35%	1.1%	1.0	-38%	-35%	0.1%	3	-25%	12%	0.7%
Apple Computer Inc.	9.8	-68%	-77%	0.9%	50.8	-4.7%	58%	5.3%	10	-34%	-4.1%	2.9%
IBEX 35	9.3	-13%	-90%	0.9%	20.8	-38%	-77%	2.2%	8	12%	-55%	2.2%
Nikkei 225 Index	9.3	126%	220%	0.9%	0.1	113%	213%	0.0%	2	214%	229%	0.4%
Other	108.8	-42%	-46%	10.3%	191.8	-53%	-57%	20.1%	54	-21%	-17%	15.1%
Total	1,056.5	1.5%	-9.0%		953.3	-12%	-26%		356	4.1%	6.2%	

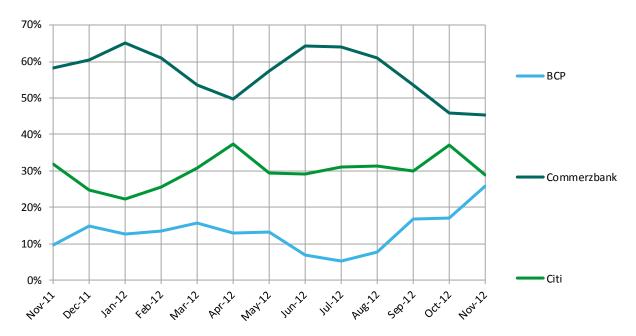


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Lisbon.

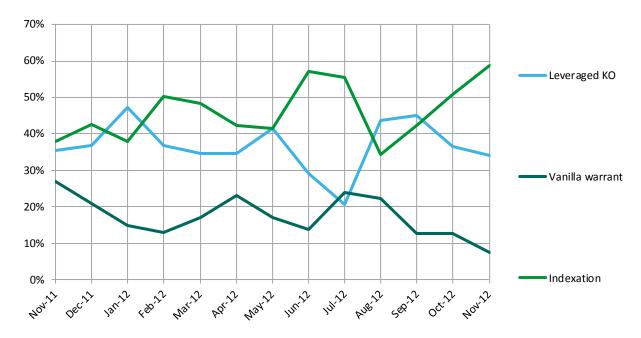


Number of transactions

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

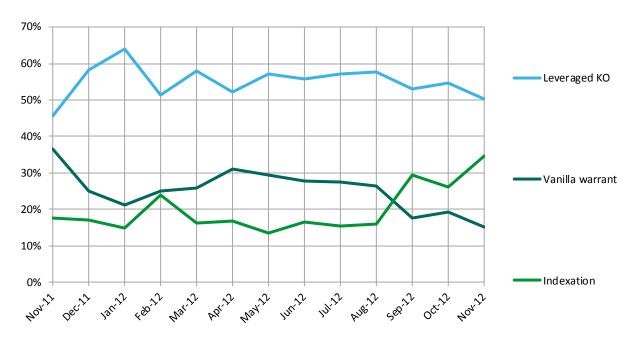


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Lisbon.

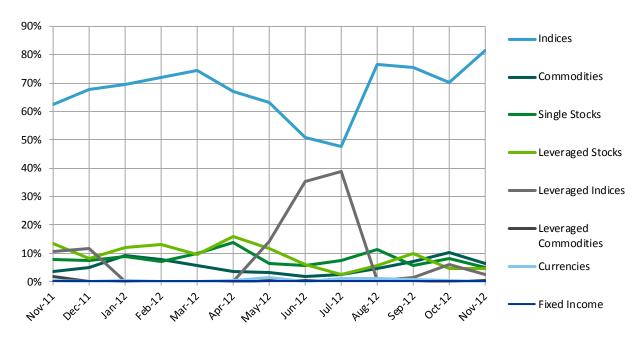


Number of transactions

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

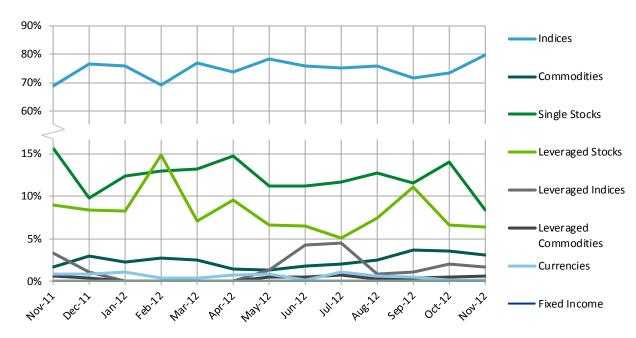


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Lisbon.



Number of transactions

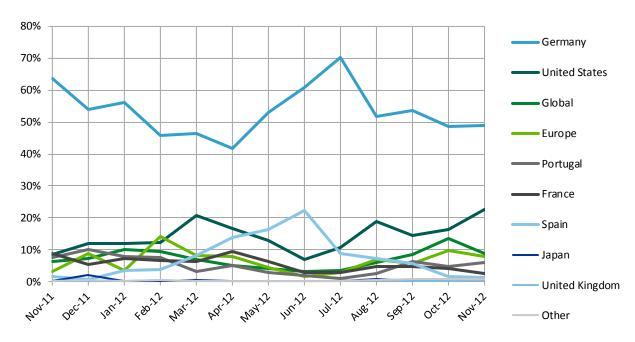
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Lisbon.



MARKET TREND: UNDERLYING COUNTRIES

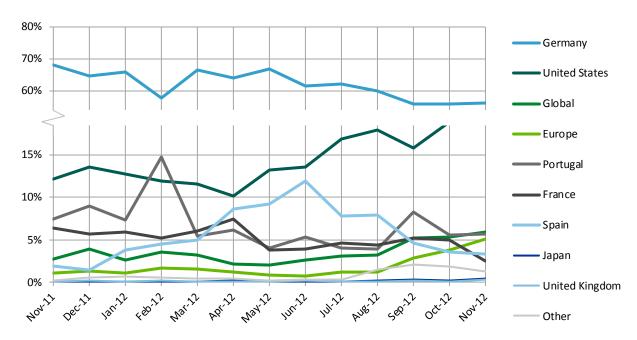
Value traded

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

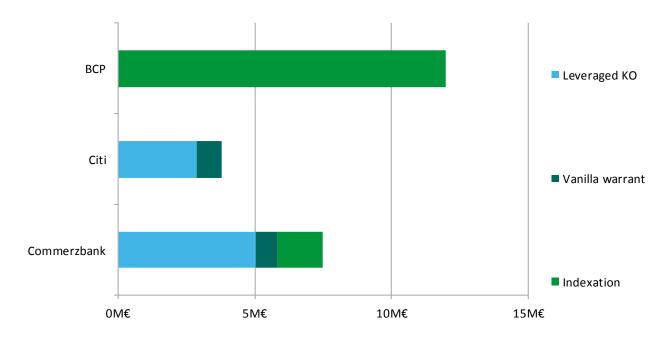
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Lisbon.



ISSUER ACTIVITY

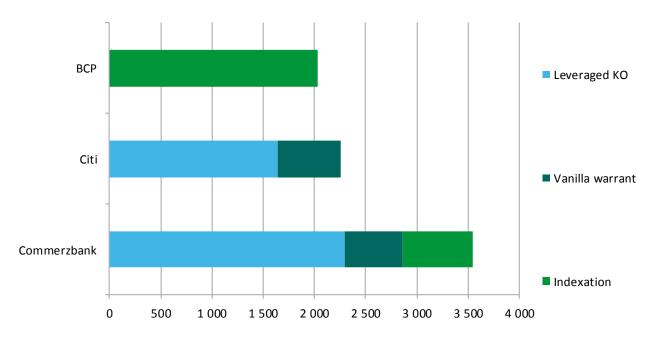
Value traded

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



Number of transactions

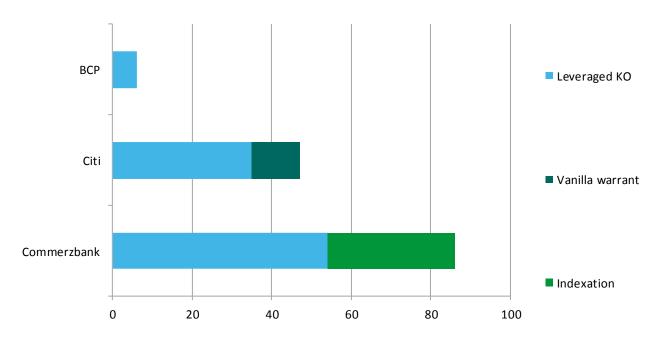
The chart below displays the number of trades per product type for each issuer active on NYSE Euronext Lisbon.



Market Activity Report - Warrants & Certificates - NYSE Euronext Lisbon - November 2012 57

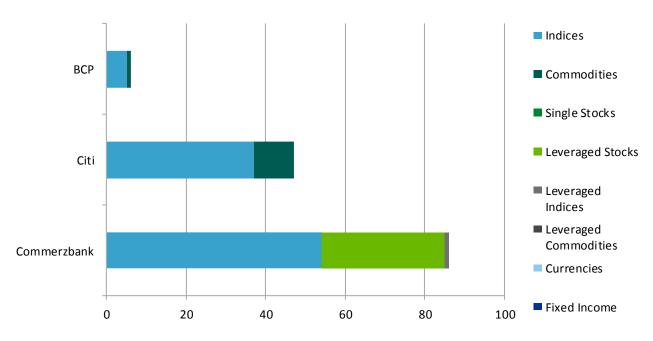
Product types

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

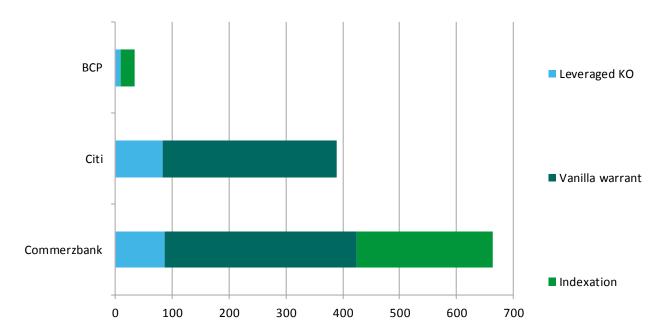
The chart below displays the number of new product listings during the month per underlying type for each issuer active on NYSE Euronext Lisbon.



ISSUER ACTIVITY: PRODUCT RANGE

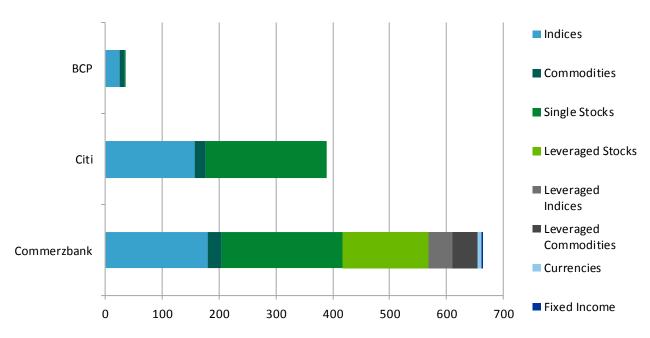
Product types

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.



Market Activity Report - Warrants & Certificates - NYSE Euronext Lisbon - November 2012 59

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.

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded
Ť						(in K€)
1029P	PTBITAYE0046	Pure indexation	ВСР	SP500 PI OPENP	522	3,465
1027P	PTBITEYE0034	Pure indexation	ВСР	DAX PI OPENP	358	2,694
1025P	PTBIVRYE0068	Pure indexation	BCP	ESTX PI OPENP	330	1,552
W299Z	DE000CK5EDY8	Leveraged KO	Commerzbank	DAX 7450TS 1212Z	469	1,451
1028P	PTBIY1YE0064	Pure indexation	ВСР	PSI 2 PI OPENP	101	670
1026P	PTBIYZYE0040	Pure indexation	BCP	DJIND PI OPENP	118	614
W277Z	DE000CK5E691	Leveraged KO	Commerzbank	DAX 7100TL 1212Z	229	604
1047P	PTBIWWYE0052	Pure indexation	BCP	GOLDF PLOPENP	80	590
W295Z	DE000CK5EDU6	Leveraged KO	Commerzbank	DAX 6950TL 1212Z	218	587
8182C	DE000CT9H671	Leveraged KO	Citi	DAX 7500TS 1212C	145	423
8184C	DE000CT9H697	Leveraged KO	Citi	DAX 7700TS 1212C	49	408
1033P	PTBCTFYE0013	Pure indexation	ВСР	MSCIE PI OPENP	156	403
DAXQZ	DE000CZ28JM5	Pure indexation	Commerzbank	DAXQZ ACCOPENZ	12	351
W279Z	DE000CK5E6B5	Leveraged KO	Commerzbank	DAX 7500TS 1212Z	128	346
1036P	PTBI1TYE0013	Pure indexation	ВСР	GOLDF PI 0313P	21	309
1040P	PTBIWKYE0023	Pure indexation	BCP	CAC40 PI OPENP	51	305
7919C	DE000CT9G8G5	Vanilla warrant	Citi	DAX 7500C 0613C	8	303
W296Z	DE000CK5EDV4	Leveraged KO	Commerzbank	DAX 7050TL 1212Z	188	277
8214C	DE000CT9H754	Leveraged KO	Citi	DAX 7450TS 1212C	116	269
1039P	PTBIZJYE0064	Pure indexation	ВСР	BRENT PI OPENP	58	261
W374Z	DE000CK5E733	Leveraged KO	Commerzbank	DAX 7250TS 1212Z	83	236
8174C	DE000CT9H5Z0	Leveraged KO	Citi	DAX 6950TL 1212C	121	228
1032P	PTBCS1YE0010	Pure indexation	ВСР	NIKEI PI OPENP	33	204
W276Z	DE000CK5E683	Leveraged KO	Commerzbank	DAX 7000TL 1212Z	113	182
1045P	PTBIU2YE0087	Pure indexation	ВСР	DJRES PI OPENP	15	164
GLP3Z	DE000CZ28GJ7	Pure indexation	Commerzbank	GLP3Z ACCOPENZ	50	162
8293C	DE000CT9H9G2	Leveraged KO	Citi	DAX 7150TL 0313C	61	135
8175C	DE000CT9H606	Leveraged KO	Citi	DAX 7000TL 1212C	146	131
8271C	DE000CT9H8U5	Leveraged KO	Citi	DAX 7400TS 1212C	77	129
BPI2Z	DE000CZ28FF7	Pure indexation	Commerzbank	BPI2Z ACCOPENZ	8	127
W274Z	DE000CK5E667	Leveraged KO	Commerzbank	DAX 6800TL 1212Z	60	124
8278C	DE000CT9H911	Leveraged KO	Citi	DAX 7300TS 1212C	65	119
8177C	DE000CT9H622	Leveraged KO	Citi	DAX 7100TL 1212C	143	117
7587C	DE000CG49S86	Vanilla warrant	Citi	DAX 7400C 1212C	43	116
W373Z	DE000CK5E725	Leveraged KO	Commerzbank	DAX 7300TS 1212Z	62	116
1042P	PTBIWYYE0050	Pure indexation	ВСР	WHEAT PLOPENP	28	114
W332Z	DE000CK5E6U5	Leveraged KO	Commerzbank	DAX 7400TS 1212Z	93	107
DAX4Z	DE000CZ28JB8	Pure indexation	Commerzbank	DAX4Z ACCOPENZ	19	103
8176C	DE000CT9H614	Leveraged KO	Citi	DAX 7050TL 1212C	77	103
W275Z	DE000CK5E675	Leveraged KO	Commerzbank	DAX 6900TL 1212Z	78	101
W371Z	DE000CK5E709	Leveraged KO	Commerzbank	DAX 7400TS 1212Z	63	97
W379Z	DE000CK5E782	Leveraged KO	Commerzbank	DAX 7400TS 0313Z	46	96
1048P	PTBIWXYE0051	Pure indexation	ВСР	SILVE PI OPENP	23	95
V614Z	DE000CK5DXV4	Vanilla warrant	Commerzbank	DAX 7000P 1212Z	60	95
W372Z	DE000CK5E717	Leveraged KO	Commerzbank	DAX 7350TS 1212Z	57	93
1024P	PTBIXQYE0026	Pure indexation	ВСР	FTSE PI OPENP	20	92
1038P	PTBIWIYE0019	Pure indexation	ВСР	MVGEU PI OPENP	9	88
8222C	DE000CT9H7D3	Leveraged KO	Citi	CAC40 3550TS 1212C	7	86
BES2Z	DE000CZ28FH3	Pure indexation	Commerzbank	BES2Z ACCOPENZ	58	82
8241C	DE000CZ281113	Vanilla warrant	Citi	DAX 7300P 1212C	24	81 <u>.</u>
	VSE Furoneyt)	vaiiila wallalit	Citi	DAX 73001 1212C	24	01



NYSE Euronext Paris

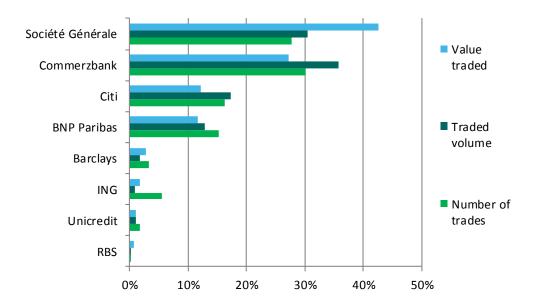
MARKET OVERVIEW

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		١	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	9.6	-13%	-20%	42.7%	9.5	-13%	4.0%	30.4%	1,875	-7.0%	-14%	27.7%
Commerzbank	6.1	-1.2%	-4.1%	27.3%	11.2	-5.9%	2.2%	35.7%	2,036	1.5%	5.2%	30.1%
Citi	2.7	-4.8%	-22%	12.1%	5.4	-12%	-25%	17.3%	1,105	-9.8%	-17%	16.3%
BNP Paribas	2.6	-2.6%	-27%	11.7%	4.0	14%	-22%	12.9%	1,027	4.0%	-21%	15.2%
Barclays	0.6	6.8%	-8.5%	2.8%	0.5	26%	-5.7%	1.7%	221	16%	2.2%	3.3%
ING	0.4	-2.3%	-19%	1.8%	0.3	-1.5%	-12%	0.9%	370	15%	2.6%	5.5%
Unicredit	0.2	56%	22%	1.0%	0.3	2.7%	-14%	1.0%	119	66%	92%	1.8%
RBS	0.2	123%	22%	0.7%	0.0	-10%	-47%	0.0%	13	12%	-30%	0.2%
Total	22.4	-6.3%	-17%		31.4	-6.8%	-7.1%		6,766	-0.9%	-8.6%	

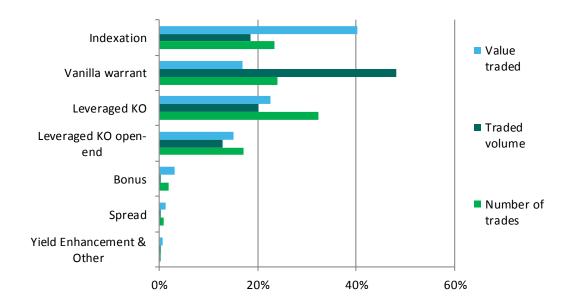


Product types

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	9.0	-13%	-17%	40.2%	5.8	-2.2%	51%	18.5%	1,590	-0.3%	-1.4%	23.5%
Vanilla warrant	3.8	-16%	-27%	16.9%	15.1	-13%	-19%	48.1%	1,630	-7.8%	-16%	24.1%
Leveraged KO	5.1	1.7%	-17%	22.6%	6.3	-5.8%	-14%	20.2%	2,194	-4.6%	-12%	32.4%
Leveraged KO open-end	3.4	17%	-3.1%	15.1%	4.0	12%	3.7%	12.8%	1,155	14%	1.2%	17.1%
Bonus	0.7	-11%	-17%	3.2%	0.1	83%	33%	0.3%	131	29%	7.7%	1.9%
Spread	0.3	9.4%	-18%	1.3%	0.0	0.2%	-64%	0.0%	60	27%	-13%	0.9%
Yield Enhancement & Other	0.2	135%	218%	0.7%	0.0	25%	19%	0.0%	6	79%	80%	0.1%
Total	22.4	-6.3%	-17%		31	-6.8%	-7.1%		6,766	-0.9%	-8.6%	



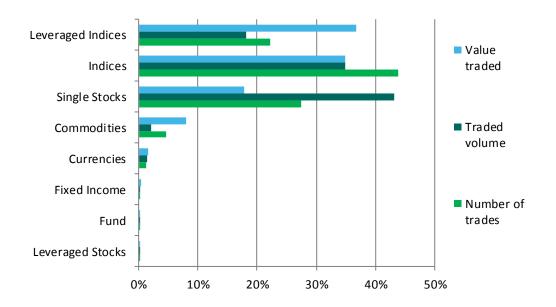
MARKET OVERVIEW

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 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 M€)	month			(in M)	month				month		
Leveraged Indices	8.2	-13%	-13%	36.7%	5.7	-1.7%	57%	18.2%	1,508	-0.9%	0.0%	22.3%
Indices	7.8	-10%	-24%	34.8%	10.9	-17%	-17%	34.9%	2,970	-6.6%	-13%	43.9%
Single Stocks	4.0	2.5%	-9.1%	17.8%	13.5	-1.0%	-13%	43.1%	1,853	5.3%	-5.8%	27.4%
Commodities	1.8	20%	-19%	8.1%	0.6	28%	-7.0%	2.0%	311	14%	-11%	4.6%
Currencies	0.4	68%	14%	1.7%	0.5	26%	-17%	1.4%	80	11%	-22%	1.2%
Fixed Income	0.1	428%	26%	0.4%	0.0	135%	-50%	0.0%	10	27%	-48%	0.2%
Fund	0.0	ND	18%	0.2%	0.0	ND	20%	0.0%	9	ND	523%	0.1%
Leveraged Stocks	0.0	16%	-54%	0.1%	0.1	-29%	-55%	0.2%	14	8.4%	-46%	0.2%
Leveraged Commodities	0.0	-19%	369%	0.1%	0.0	252%	730%	0.0%	10	226%	713%	0.1%
Basket	0.0	79%	-70%	0.0%	0.0	55%	-81%	0.0%	1	-24%	-62%	0.0%
Total	22.4	-6.3%	-17%		31	-6.8%	-7.1%		6,766	-1.0%	-8.6%	

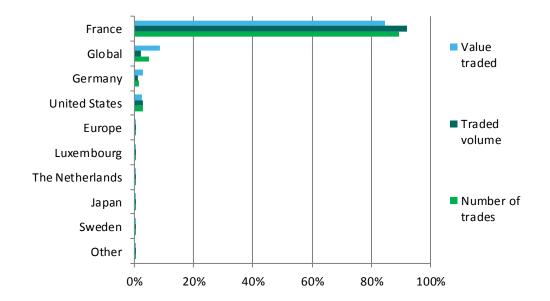


Top 10 underlying countries

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	19.0	-9.2%	-17%	84.6%	28.9	-7.4%	-6.5%	92.2%	6,046	-2.3%	-8.3%	89.4%
Global	1.9	20%	-17%	8.6%	0.7	26%	-3.2%	2.3%	337	17%	-8.7%	5.0%
Germany	0.6	40%	2.9%	2.8%	0.4	48%	31%	1.3%	110	14%	-18%	1.6%
United States	0.6	-7.7%	-23%	2.6%	0.9	-20%	-20%	2.9%	193	2.0%	-9.0%	2.9%
Europe	0.1	-44%	-54%	0.5%	0.1	-17%	-51%	0.2%	16	83%	40%	0.2%
Luxembourg	0.1	27%	28%	0.4%	0.1	-56%	-52%	0.2%	17	-35%	-31%	0.2%
The Netherlands	0.0	-6.6%	-29%	0.2%	0.1	-39%	-67%	0.2%	21	40%	-8.9%	0.3%
Japan	0.0	110%	0.1%	0.1%	0.1	175%	8.1%	0.2%	9	47%	0.6%	0.1%
Sweden	0.0	ND	744%	0.1%	0.0	197%	364%	0.1%	2	148%	144%	0.0%
Other	0.0	62%	-35%	0.2%	0.1	76%	-14%	0.3%	15	19%	-32%	0.2%
Total	22.4	-6.3%	-17%		31	-6.8%	-7.1%		6,766	-0.9%	-8.6%	

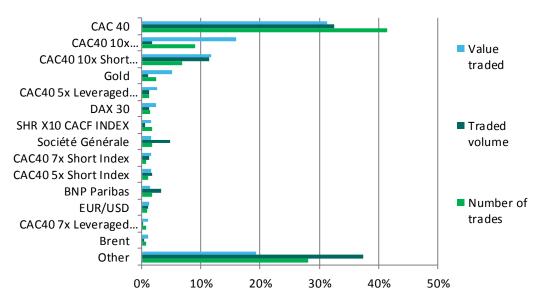


Top 15 underlyings

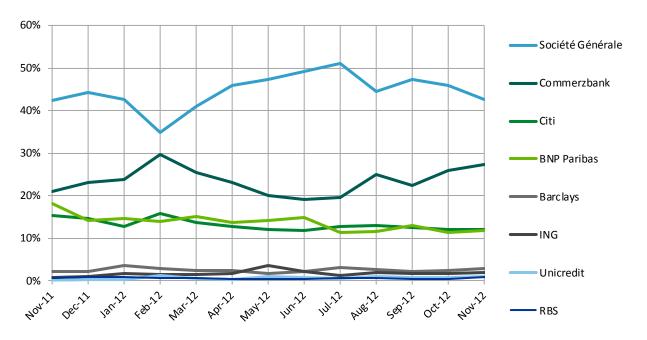
The table below displays the daily averages of traded value, traded volume and number of trades on NYSE Euronext Paris for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of NYSE Euronext Paris.

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	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		
CAC 40	7.0	-9.2%	-24%	31.4%	10.2	-17%	-17%	32.5%	2,802	-7.3%	-13%	41.4%
CAC40 10x Leveraged Index	3.6	-7.0%	41%	16.0%	0.5	1.9%	55%	1.7%	608	-0.9%	43%	9.0%
CAC40 10x Short Index	2.6	-28%	28%	11.7%	3.6	-11%	210%	11.5%	466	-8.5%	26%	6.9%
Gold	1.2	48%	-18%	5.2%	0.4	35%	-9.4%	1.2%	169	14%	-11%	2.5%
CAC40 5x Leveraged Index	0.6	22%	-54%	2.6%	0.4	21%	-56%	1.3%	88	24%	-47%	1.3%
DAX 30	0.5	22%	-0.7%	2.4%	0.4	46%	36%	1.3%	97	10%	-15%	1.4%
SHR X10 CACF INDEX	0.4	15%	203%	1.6%	0.2	55%	331%	0.6%	121	3.2%	190%	1.8%
Société Générale	0.4	-2.2%	-22%	1.6%	1.5	-0.7%	-26%	4.9%	120	-19%	-41%	1.8%
CAC40 7x Short Index	0.3	166%	-63%	1.5%	0.4	231%	36%	1.2%	46	18%	-66%	0.7%
CAC40 5x Short Index	0.3	-14%	-66%	1.5%	0.6	-7.3%	-28%	1.8%	73	-0.2%	-52%	1.1%
BNP Paribas	0.3	-22%	-48%	1.4%	1.0	-33%	-64%	3.2%	116	-9.8%	-54%	1.7%
EUR/USD	0.3	58%	3.9%	1.3%	0.3	20%	-30%	1.0%	64	1.3%	-29%	0.9%
CAC40 7x Leveraged Index	0.3	-51%	-81%	1.1%	0.0	-49%	-77%	0.1%	52	-2.4%	-67%	0.8%
Brent	0.2	-50%	-36%	1.1%	0.1	19%	23%	0.4%	47	-15%	-23%	0.7%
Other	4.4	5.9%	-8.6%	19.4%	11.7	0.9%	0.2%	37.4%	1,898	12%	4.3%	28.0%
Total	22.4	-6.3%	-17%		31	-6.8%	-7.1%		6,766	-0.9%	-8.6%	·

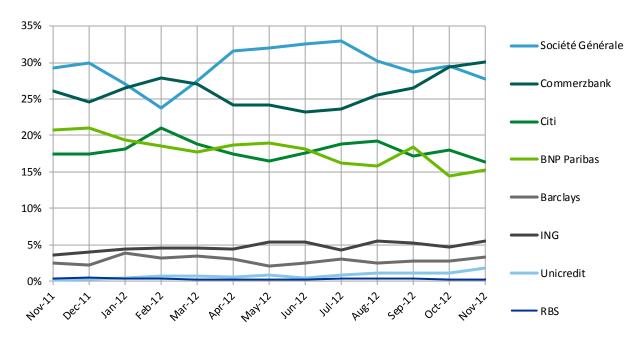


The historical graph below displays the weight of the traded value of each issuer over the total traded value on NYSE Euronext Paris.

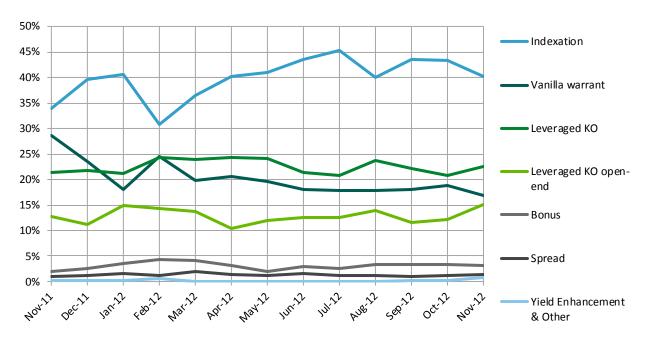


Number of transactions

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

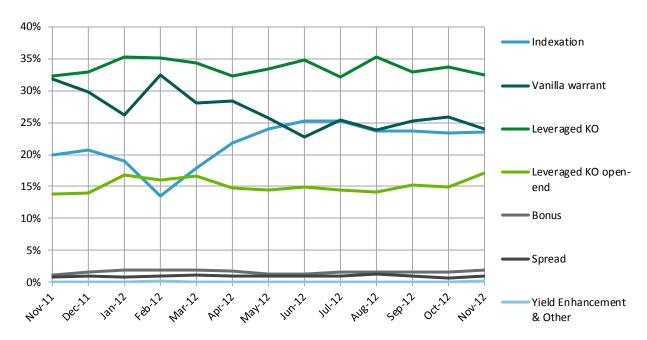


The historical graph below displays the weight of the traded value of each product type over the total traded value on NYSE Euronext Paris.

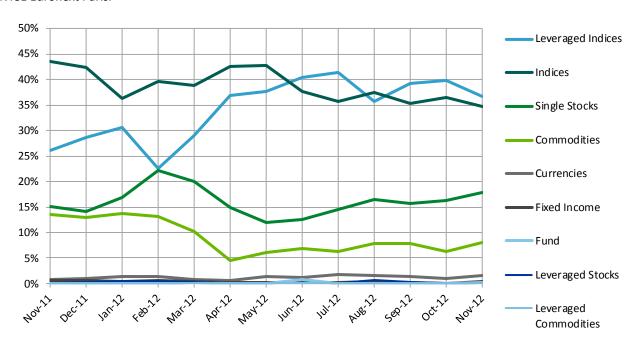


Number of transactions

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

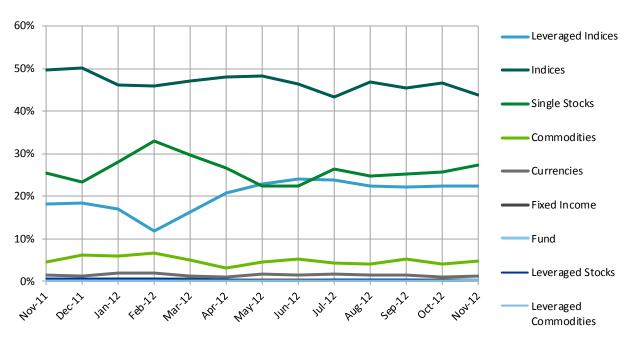


The historical graph below displays the weight of the traded value of each underlying type over the total traded value on NYSE Euronext Paris.



Number of transactions

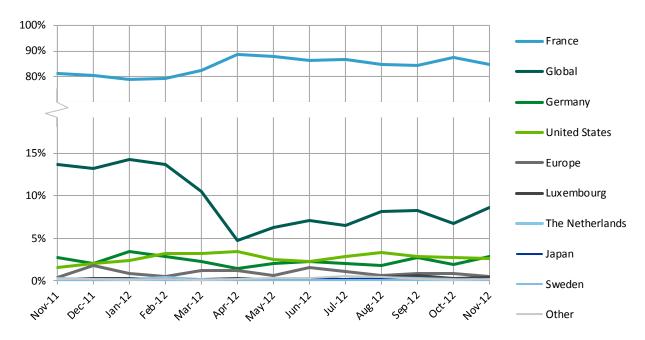
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on NYSE Euronext Paris.



MARKET TREND: UNDERLYING COUNTRIES

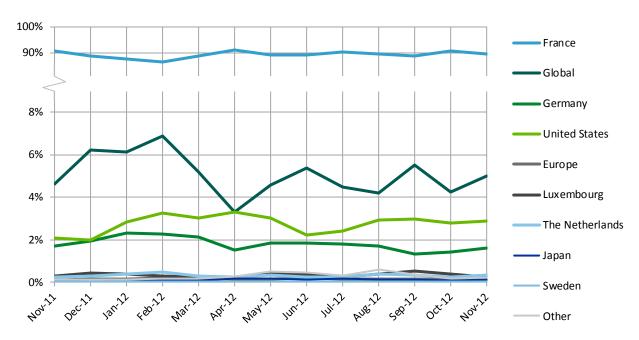
Value traded

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

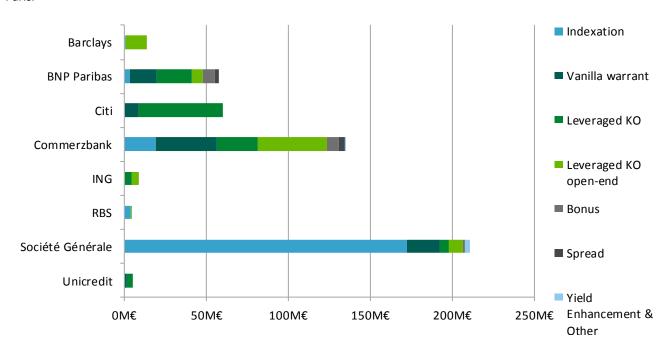
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on NYSE Euronext Paris.



ISSUER ACTIVITY

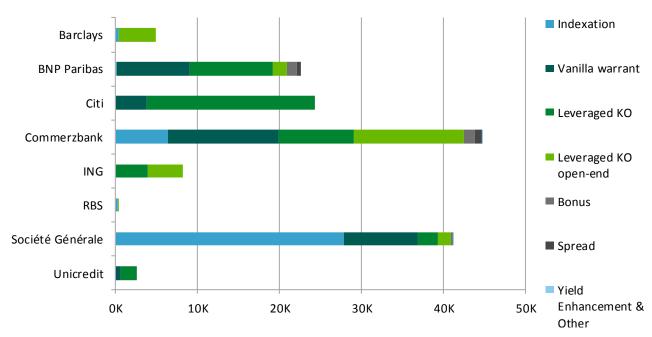
Value traded

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



Number of transactions

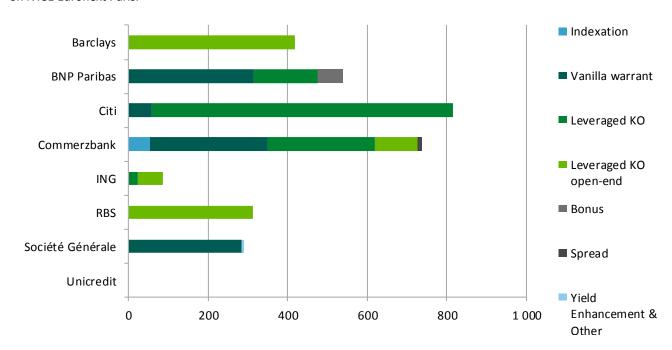
The chart below displays the number of trades per product type for each issuer active on NYSE Euronext Paris.



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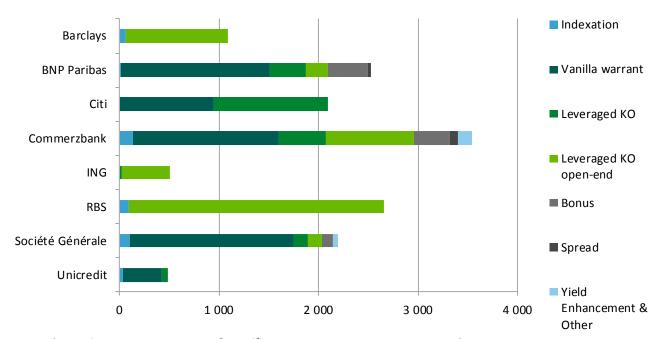
Product types

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

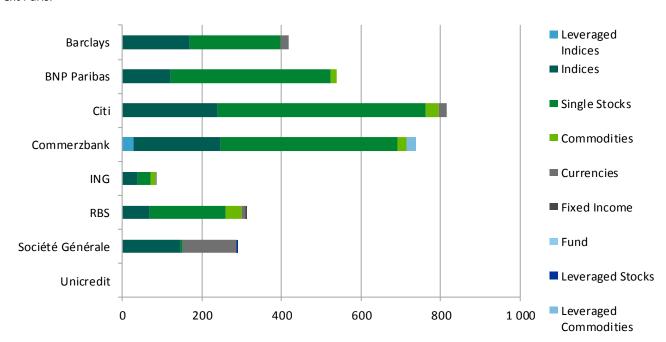
The chart below displays the number of new product listings during the month per underlying type for each issuer active on NYSE Euronext Paris.



ISSUER ACTIVITY: PRODUCT RANGE

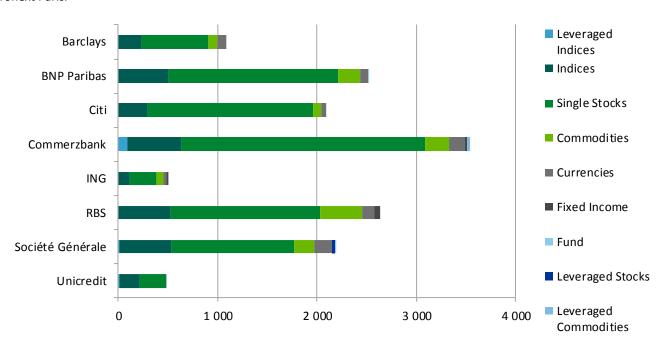
Product types

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.



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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 Paris.

Trading symbol	ISIN Code	Product type	Issuer	Name	Number of trades	Value traded (in K€)
69985	FR0011214527	Pure indexation	Société Générale	CAC10 PLOPENS	10,494	69,630
6999S	FR0011214535	Pure indexation	Société Générale	CAC10 PI OPENS	10,242	57,891
7731S	FR0010961078	Pure indexation	Société Générale	CAC5L PI OPENS	1,806	12,571
LV10Z	DE000CZ28ZC2	Pure indexation	Commerzbank	LV10Z FACOPENZ	2,888	9,364
SH10Z	DE000CZ28ZD0	Pure indexation	Commerzbank	SH10Z FACOPENZ	2,672	8,090
6947S	FR0011130350	Pure indexation	Société Générale	CAC7S PI OPENS	924	7,483
7734S	FR0010961102	Pure indexation	Société Générale	CAC5S PLOPENS	1,472	7,345
6940S	FR0011119395	Pure indexation	Société Générale	CAC7L PI OPENS	1,063	5,367
1898Z	DE000CM44LW5	Leveraged KO open-end	Commerzbank	GOLD 1296TL OPENZ	235	5,211
6T16Z	DE000CK9PF56	Vanilla warrant	Commerzbank	CAC40 3250C 1112Z	144	4,378
92025	FR0010673350	Pure indexation Quanto	Société Générale	GOLD PIQOPENS	185	3,616
1156N	FR0010371062	Pure indexation Quanto	RBS	GOLD PIQOPENN	68	2,770
Y026B	NL0010265831	Leveraged KO	BNP Paribas	CAC40 3600TPS0313B	291	2,702
8U17Z	DE000CK9Q6R3	Vanilla warrant	Commerzbank	CAC40 3550P 1212Z	208	2,595
1857\$	FR0011180702	Vanilla warrant	Société Générale	CAC40 3500C 1212S	962	2,515
8631S	FR0010638494	Pure indexation	Société Générale	GOLD PI OPENS	144	2,384
1876S	FR0011180892	Vanilla warrant	Société Générale	CAC40 3400P 1212S	837	2,205
4G93Z	DE000CK534T3	Vanilla warrant	Commerzbank	CAC40 3300C 1212Z	96	2,088
1T53Z	DE000CK9P7Z5	Vanilla warrant	Commerzbank	CAC40 3600P 1112Z	107	2,066
5P19Z	DE000CK9NBX7	Leveraged KO	Commerzbank	CAC40 3300TL 1212Z	405	2,029
2979C	DE000CK9NBX7	Leveraged KO	Citi	CAC40 3275TL 1212C	397	1,873
7U94Z	DE000CK9Q6D3	Vanilla warrant	Commerzbank	CAC40 3350C 1212Z	98	1,851
70942 7P92Z	DE000CK9Q0D3	Leveraged KO	Commerzbank	CAC40 3530C 1212Z CAC40 3675TS 1212Z	499	1,831
1F58Z	DE000CK51GK2	Vanilla warrant	Commerzbank	CAC40 3400C 1212Z	452	1,762
1612B	NL0006454928	Pure indexation	BNP Paribas	GOLD PI OPENB	47	1,749
2413C	DE000CT9DM52	Leveraged KO	Citi	DAX 8000TS 1212C	19	1,737
4743C	DE000CT9DEN4	Leveraged KO	Citi	CAC40 3650TS 1212C	281	1,684
4743C 4P23Z	DE000CK9N9W0	Leveraged KO open-end	Commerzbank	CAC40 3210TCIOPENZ	75	1,655
12135	FR0011170950	Leveraged KO open-end	Société Générale	CAC40 2810TL OPENS	322	1,598
1626C	DE000CT9KBM7	Leveraged KO	Citi	CAC40 3525TS 1212C	778	1,579
X025B	NL0010194213	Leveraged KO	BNP Paribas	CAC40 3300TPL1212B	489	1,508
1890C	DE000CT9D3C8	Leveraged KO	Citi	CAC40 3225TL 1212C	280	1,403
1856S	FR0011180694	Vanilla warrant	Société Générale	CAC40 3400C 1212S	465	1,370
X969B	NL0011160034 NL0010265278	Leveraged KO	BNP Paribas	CAC40 3550TPS1212B	458	1,368
6T28Z	DE000CK9PFG8	Vanilla warrant	Commerzbank	CAC40 333011 31212B	45	1,361
1278Z	DE000CM93RH0	Leveraged KO open-end	Commerzbank	CAC40 3920TPIOPENZ	211	1,333
1T46Z	DE000CK9P7T8	Leveraged KO	Commerzbank	CAC40 3575TS 1212Z	319	1,297
1323C	DE000CK91718	Leveraged KO	Citi	CAC40 3550TS 1212C	852	1,296
2394C	DE000CT9D183	Leveraged KO	Citi	DAX 7800TS 1212C	22	1,258
4G94Z	DE000CK534U1	Vanilla warrant	Commerzbank	CAC40 3500C 1212Z	728	1,258
0117S	FR0011086842	Leveraged KO open-end	Société Générale	CAC40 3800TS OPENS	279	1,257
2463T	DE000HV0PJR8	Leveraged KO	Unicredit	CAC40 3200TL 1212T	638	1,237
4009Z	DE000HV0F3K8	Leveraged KO open-end	Commerzbank	CAC40 4025TS OPENZ	400	1,186
1132C	DE000CIVIOTQ30	Leveraged KO open-end	Citi	CAC40 402513 OPENZ CAC40 3700TS 1212C	389	1,174
1040C	DE000CT9DAD3	Leveraged KO	Citi	CAC40 370013 1212C	634	1,174
3360C	DE000CT9C2M3	Leveraged KO	Citi	CAC40 3800TS 1212C	434	1,122
1261C	DE000CT9D9M4	Leveraged KO	Citi	CAC40 3500TL 1212C	364	1,050
Y027B		•	BNP Paribas			
	NL0010265849	Leveraged KO	Commerzbank	CAC40 3625TPS0313B	440	1,037
1T45Z 6T17Z	DE000CK9P7S0	Leveraged KO Vanilla warrant		CAC40 3550TS 1212Z	410	1,023
	DE000CK9PF64	vaiiiia Warrant	Commerzbank	CAC40 3350C 1112Z	275	1,023





