



warrants and certificates

Activity report

Issue 88
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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 30/11/2018)	20,733	885	1,511	46,438	69,567
New Products	5,809	241	356	14,712	21,118
New Products YTD	52,006	2,530	3,983	131,276	189,795
Value Traded (in €m)	518.4	15.9	43.9	308.5	886.7
Value Traded YTD (in €m)	5,609.2	137.5	638.7	3,157.2	9,542.6
Value Traded ADV (in €m)	23.6	0.7	2.0	14.0	40.3
Value Traded YTD ADV (in €m)	23.4	0.6	2.7	13.2	39.8
Number of Trades	168,155	5,997	5,455	120,316	299,923
Number of Trades YTD	1,773,098	60,931	78,814	1,145,293	3,058,136
Number of Trades ADV	7,643	273	248	5,469	13,633
Number of Trades YTD ADV	7,388	254	328	4,772	12,742

(Source Euronext)

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Euronext Markets

ISSUERS

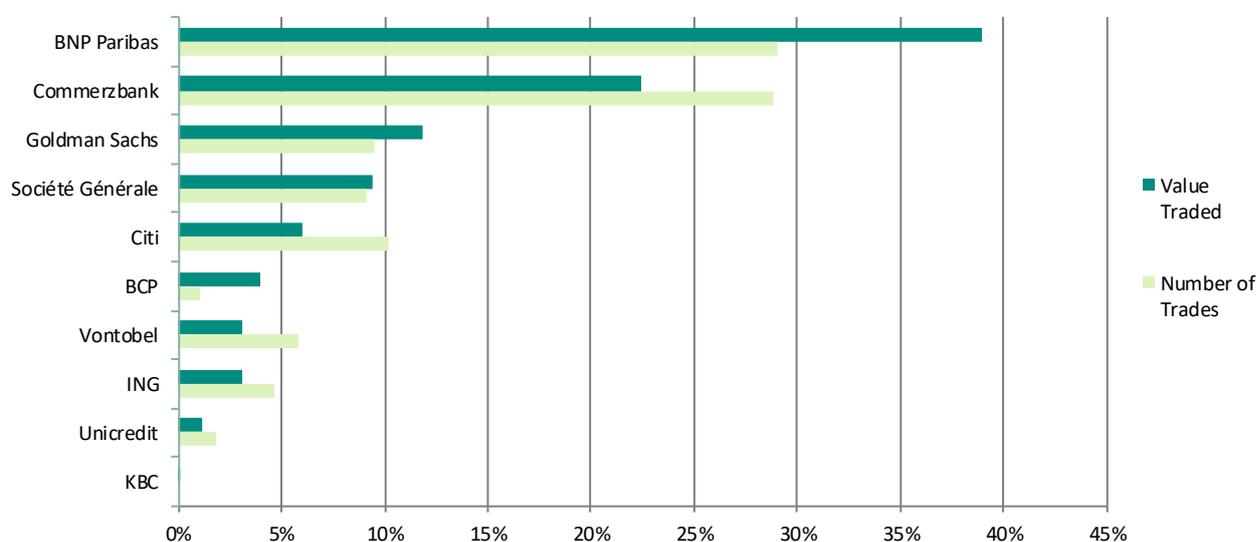
Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of all Euronext markets.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	15,716	6.0%	14.2%	39.0%	3,965	3.1%	12.5%	29.1%
Commerzbank	9,036	-5.7%	11.2%	22.4%	3,932	-10.0%	14.6%	28.8%
Goldman Sachs	4,781	14.9%	-0.5%	11.9%	1,296	-3.4%	11.4%	9.5%
Société Générale	3,790	-16.3%	25%	9.4%	1,239	-10.9%	19.6%	9.1%
Citi	2,411	-33%	-24%	6.0%	1,390	-15.3%	-4.5%	10.2%
BCP	1,605	-9.8%	-28%	4.0%	142	-15.4%	-33.7%	1.0%
Vontobel	1,246	-37%	-3.8%	3.1%	786	-21.3%	10.8%	5.8%
ING	1,236	-32%	-58%	3.1%	631	-27.7%	-26.8%	4.6%
Unicredit	459	-13.0%	25%	1.1%	251	-17.1%	40.9%	1.8%
KBC	25	-95%	-52%	0.1%	0.3	-93.0%	-73.5%	0.0%
Total	40,305	-7.0%	1.3%	100%	13,633	-8.7%	8.4%	100%

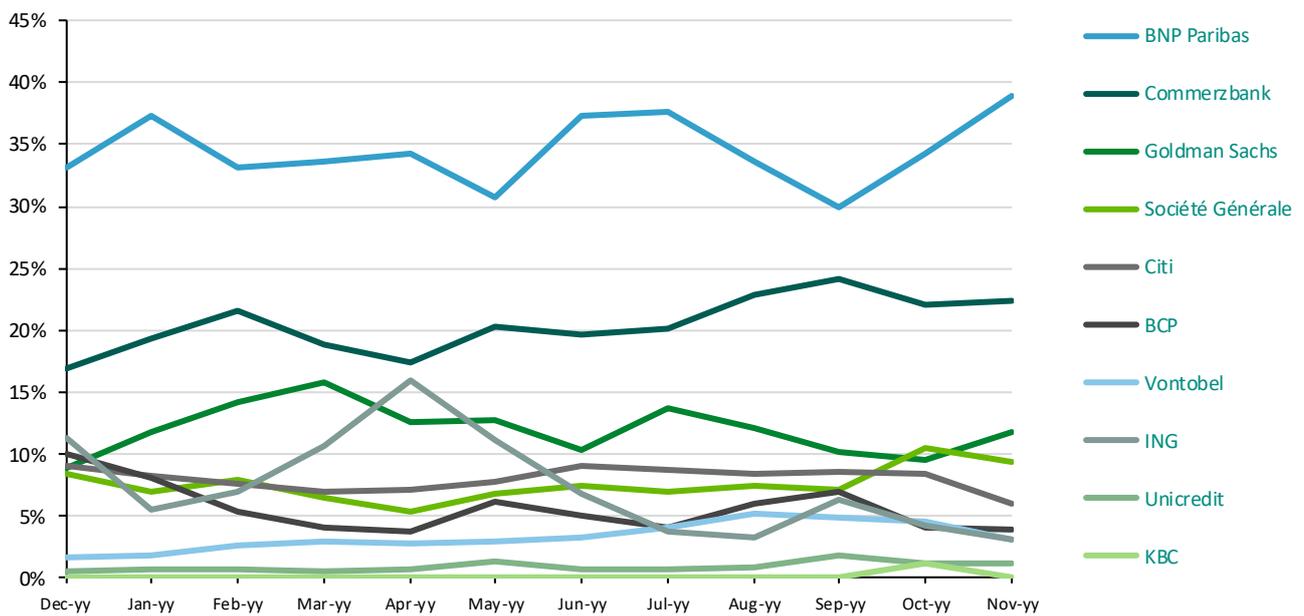
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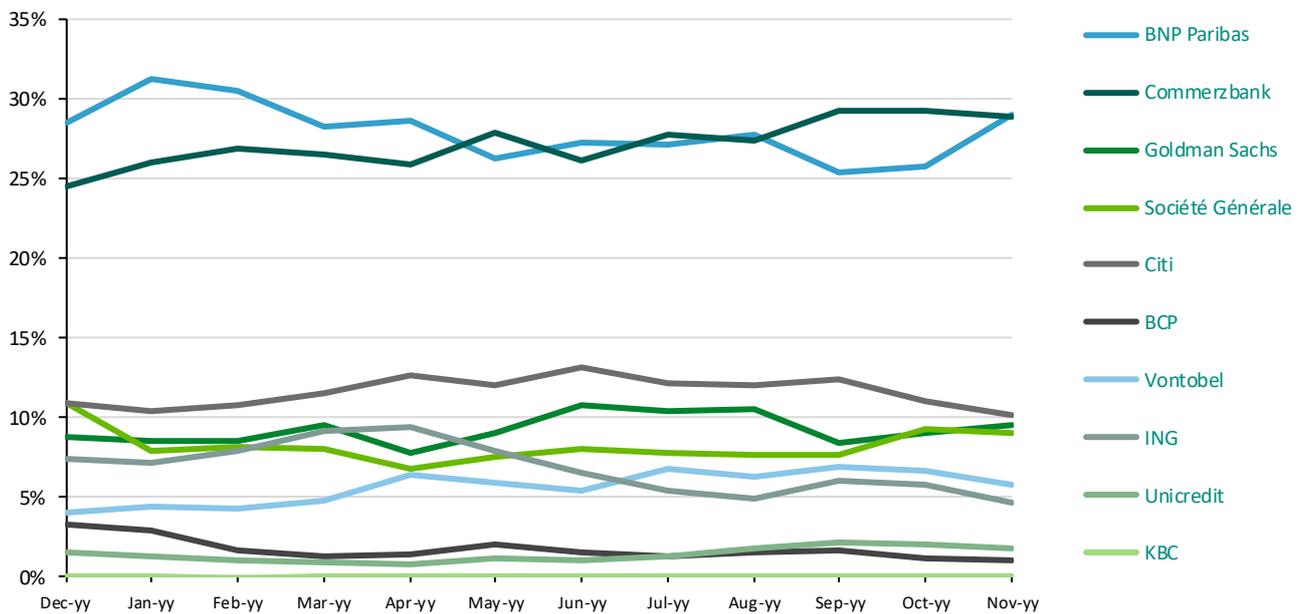
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each issuer over the total number of trades across all Euronext markets.



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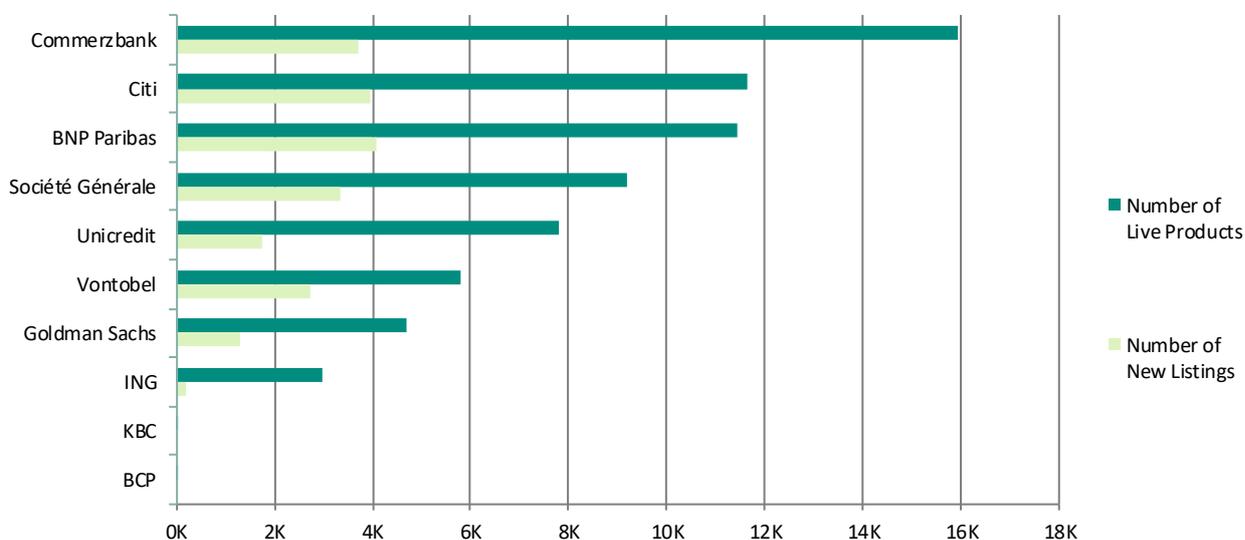
Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	15,919	5.9%	11.3%	22.9%	3,724	-23%	24%	17.6%
Citi	11,651	8.0%	3.8%	16.7%	3,940	-13.6%	23%	18.7%
BNP Paribas	11,458	19.3%	14.2%	16.5%	4,095	-25%	48%	19.4%
Société Générale	9,184	5.0%	6.6%	13.2%	3,347	-21%	38%	15.8%
Unicredit	7,819	10.1%	22%	11.2%	1,766	-31%	19.3%	8.4%
Vontobel	5,813	8.4%	16.2%	8.4%	2,721	-35%	30%	12.9%
Goldman Sachs	4,704	5.7%	-11.8%	6.8%	1,314	-16.9%	4.2%	6.2%
ING	2,974	-3.5%	-6.0%	4.3%	210	-38%	-22%	1.0%
KBC	25	4.0%	59%	0.0%	1	-67%	-68%	0.0%
BCP	22	-0.4%	-3.6%	0.0%	0		-100%	0.0%
Total	69,567	8.3%	8.5%	100%	21,118	-24.1%	28.0%	100%

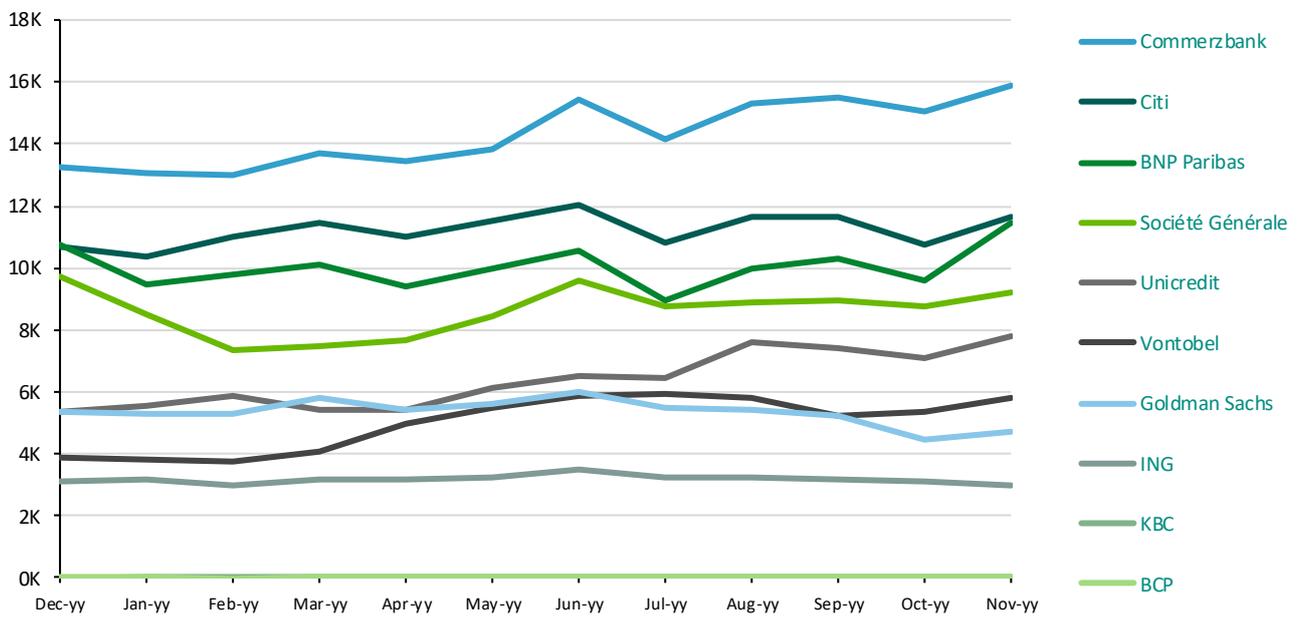
(Source Euronext)



ISSUERS

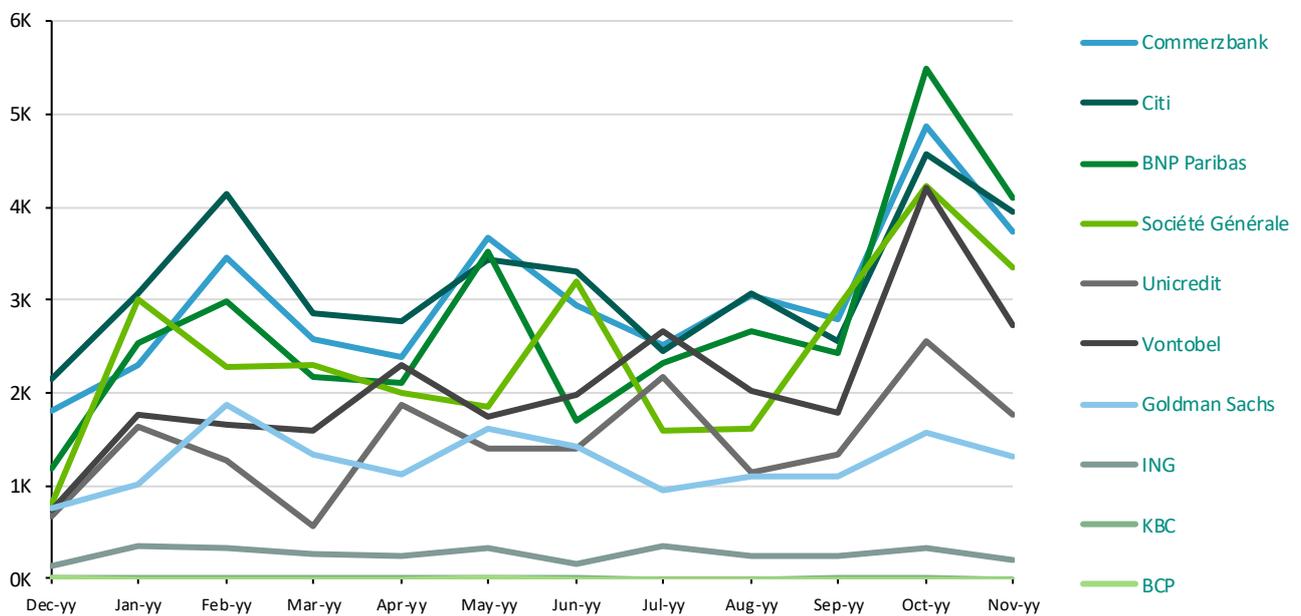
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer across all Euronext markets.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer across all Euronext markets.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

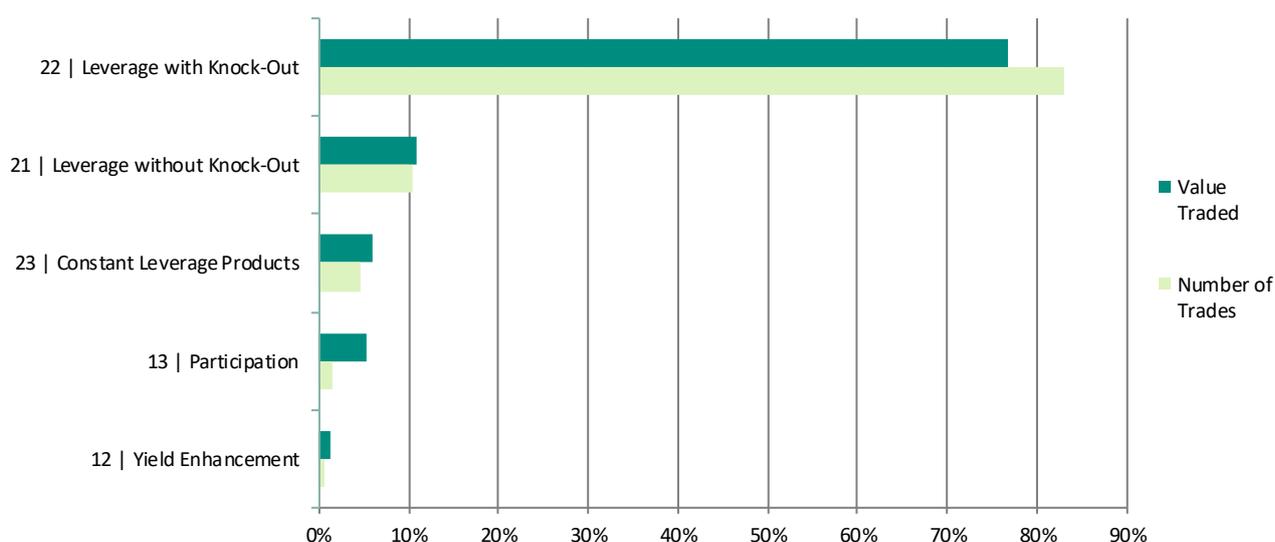
Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of all Euronext markets.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	30,936	-3.6%	5.3%	76.8%	11,314	-8.6%	8.2%	83.0%
21 Leverage without Knock-Out	4,368	-11.5%	-14.4%	10.8%	1,413	-4.2%	13.4%	10.4%
23 Constant Leverage Products	2,401	-19.9%	16.9%	6.0%	617	-19.6%	17.3%	4.5%
13 Participation	2,097	-6.8%	-19.6%	5.2%	217	-9.6%	-18.2%	1.6%
12 Yield Enhancement	501	-52%	-22%	1.2%	72	-8.7%	-15.9%	0.5%
Total	40,305	-7.0%	1.3%	100%	13,633	-8.7%	8.4%	100%

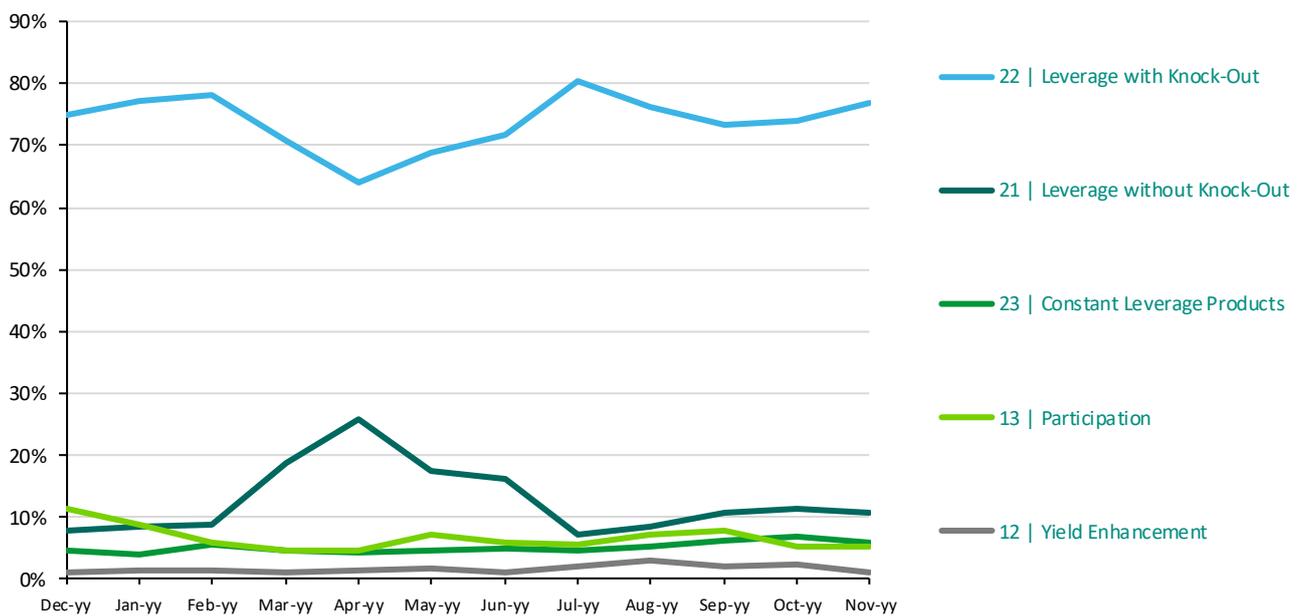
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

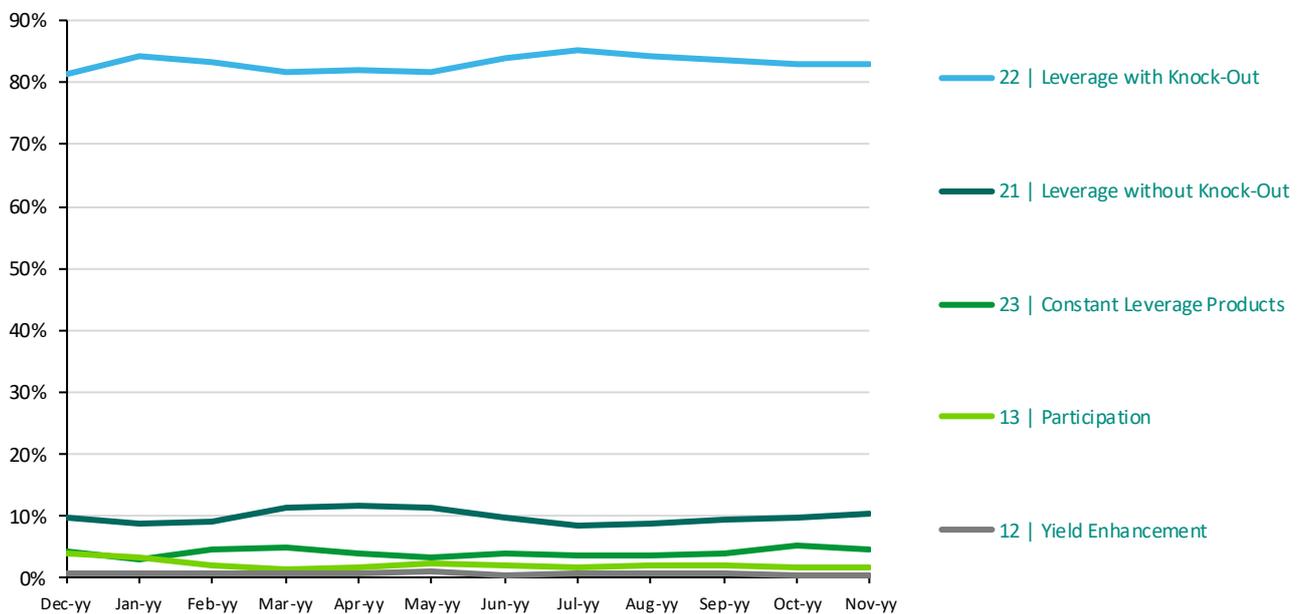
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type across all Euronext markets.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

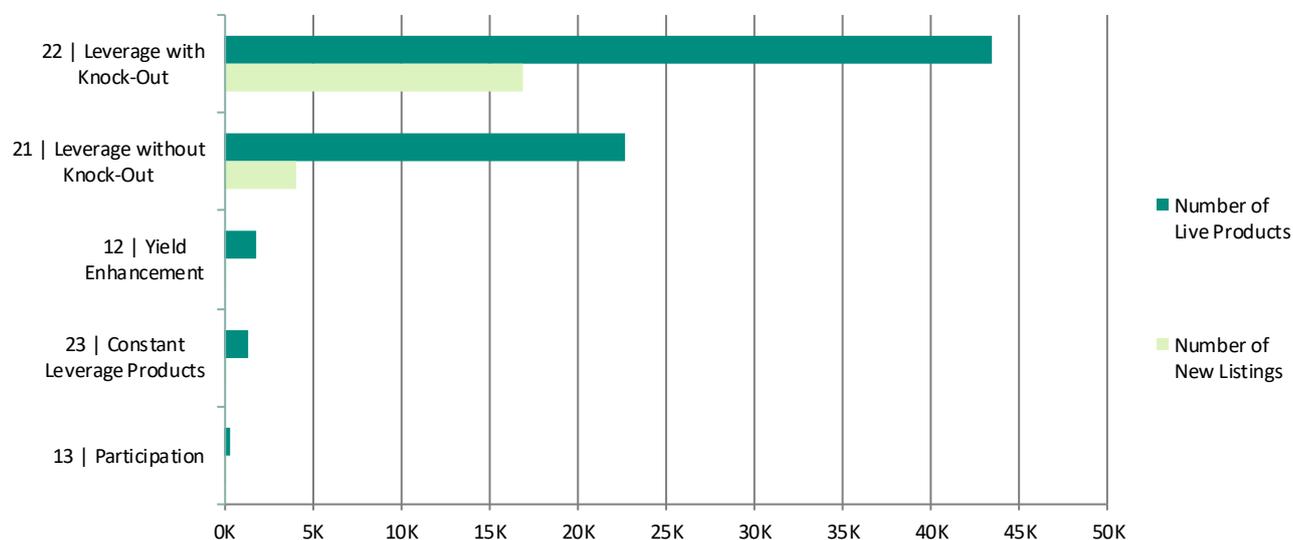
Product Overview

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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	43,533	5.1%	4.9%	62.6%	16,853	-23%	33%	79.8%
21 Leverage without Knock-Out	22,665	17.0%	16.5%	32.6%	4,066	-26%	14.2%	19.3%
12 Yield Enhancement	1,755	-1.9%	16.2%	2.5%	126	-57%	-40%	0.6%
23 Constant Leverage Products	1,285	-1.1%	-2.5%	1.8%	61	190%	204%	0.3%
13 Participation	323	-0.4%	9.3%	0.5%	12	-79%	-16.8%	0.1%
Total	69,567	8.3%	8.5%	100%	21,118	-24.1%	28.0%	100%

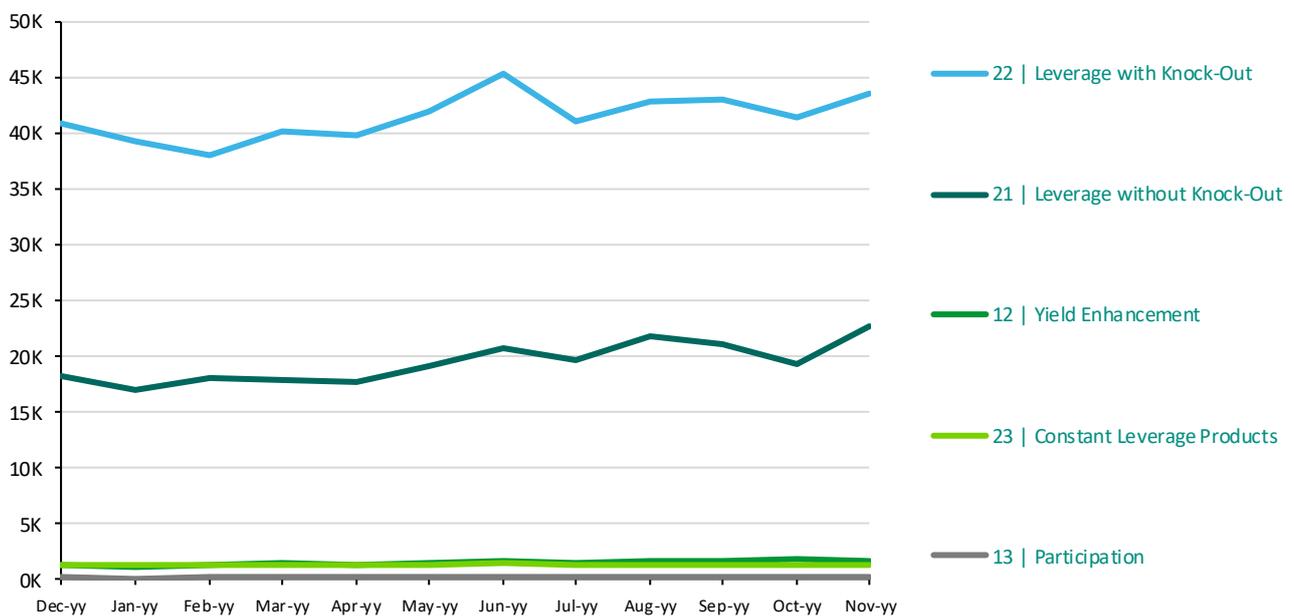
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

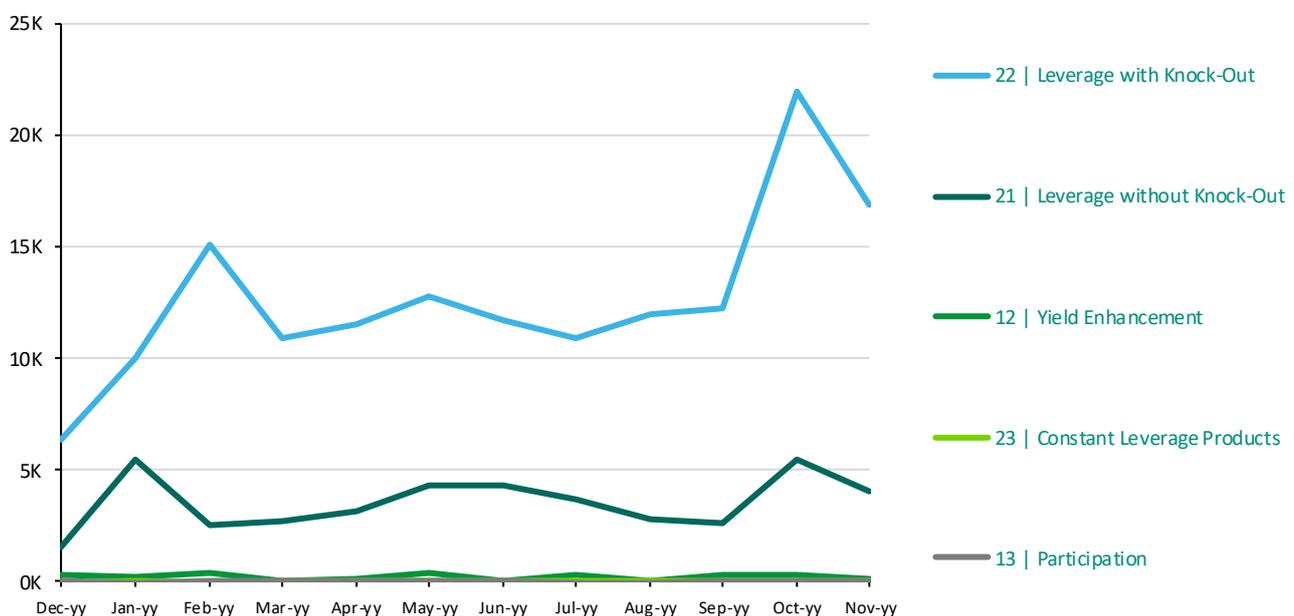
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type across all Euronext markets.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type across all Euronext markets.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

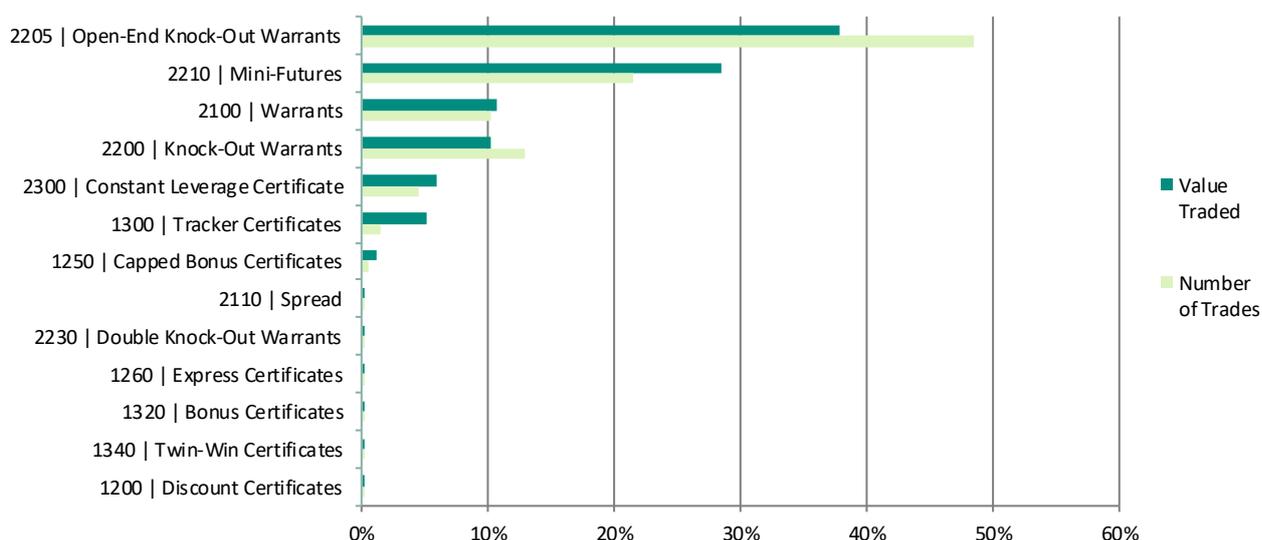
Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of all Euronext markets.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	15,272	2.4%	9.0%	37.9%	6,620	-5.9%	10.2%	48.6%
2210 Mini-Futures	11,504	-7.0%	2.8%	28.5%	2,924	-7.2%	3.6%	21.4%
2100 Warrants	4,321	-11.1%	-14.9%	10.7%	1,406	-3.4%	13.9%	10.3%
2200 Knock-Out Warrants	4,132	-13.2%	2.0%	10.3%	1,759	-19.2%	9.6%	12.9%
2300 Constant Leverage Certificate	2,401	-19.9%	16.9%	6.0%	617	-19.6%	17.3%	4.5%
1300 Tracker Certificates	2,089	-6.4%	-19.3%	5.2%	214	-10.0%	-18.0%	1.6%
1250 Capped Bonus Certificates	477	-18.4%	-21%	1.2%	71	-6.8%	-16.0%	0.5%
2110 Spread	47	-38%	63%	0.1%	7.0	-65%	-36%	0.1%
2230 Double Knock-Out Warrants	27	-39%	-76%	0.1%	12	-24%	-43%	0.1%
1260 Express Certificates	23	-95%	-47%	0.1%	0.1	-94%	-33%	0.0%
1320 Bonus Certificates	6	-70%	-65%	0.0%	3.0	-5.6%	-40%	0.0%
1340 Twin-Win Certificates	2	238%	66%	0.0%	0.9	397%	143%	0.0%
1200 Discount Certificates	2	759%	4.4%	0.0%	0.5	423%	3.3%	0.0%
Total	40,305	-7.0%	1.3%	100%	13,633	-8.7%	8.4%	100%

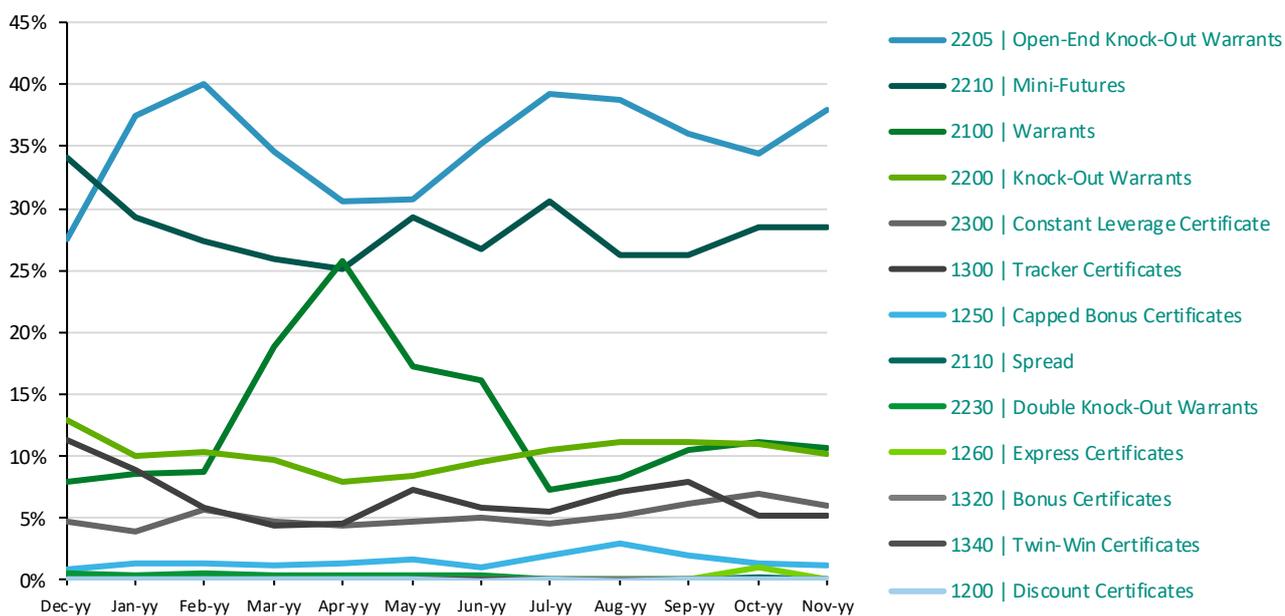
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

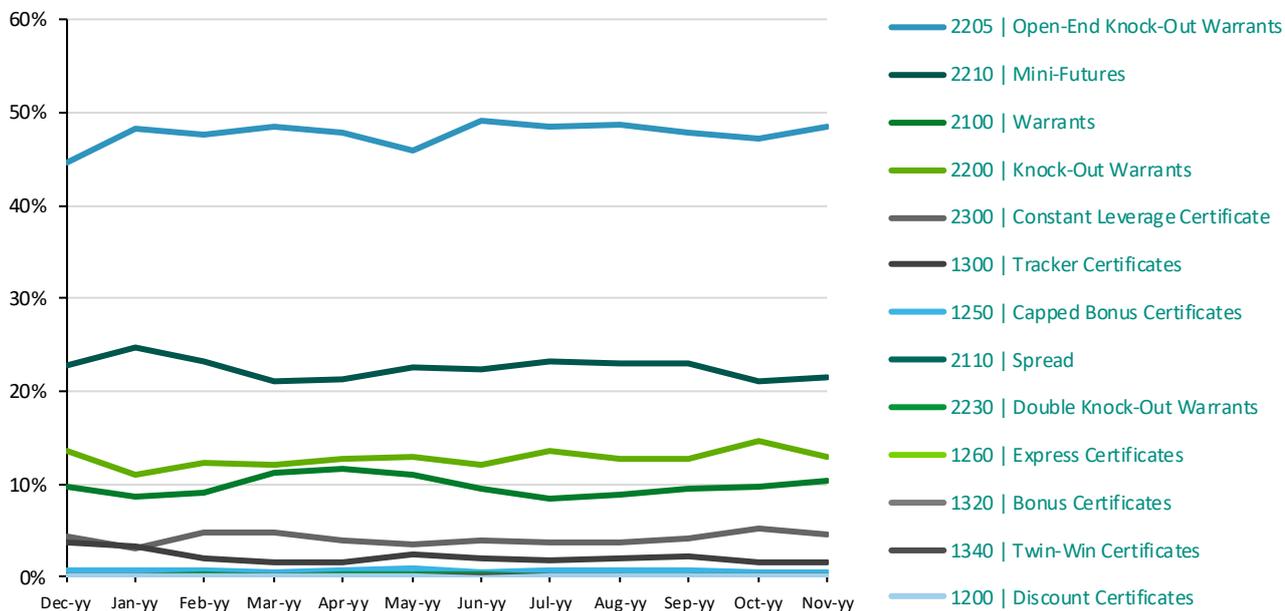
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type over the total number of trades across all Euronext markets.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

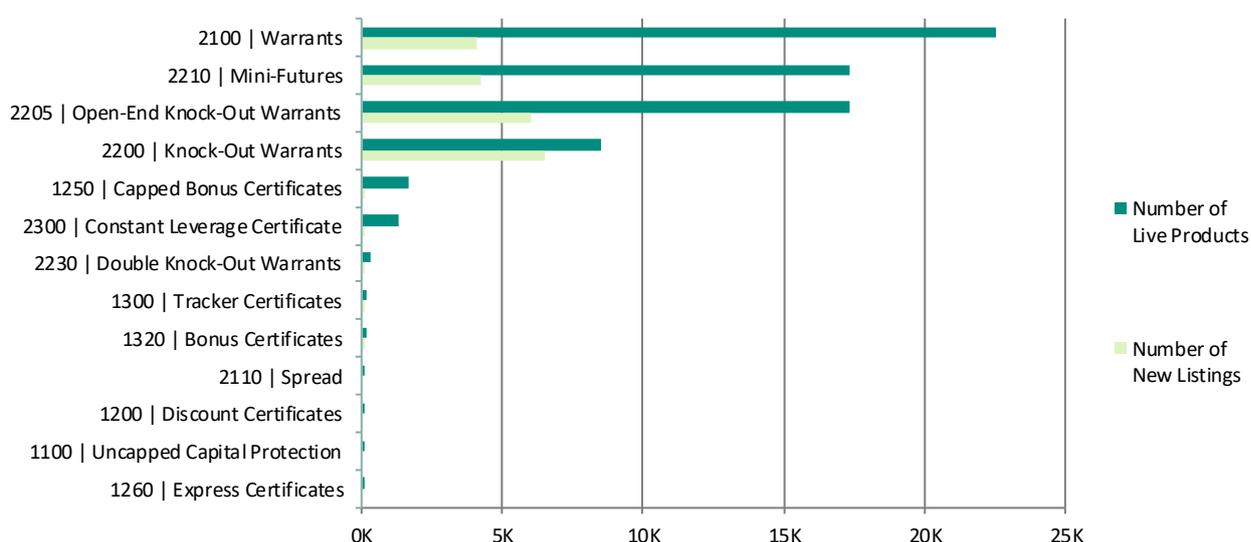
Product Overview

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The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	22,566	17.2%	16.6%	32.4%	4,066	-26%	14.7%	19.3%
2210 Mini-Futures	17,357	-0.2%	-3.4%	25.0%	4,240	-17.7%	24%	20.1%
2205 Open-End Knock-Out Warrants	17,357	3.6%	5.7%	25.0%	6,034	-22%	39%	28.6%
2200 Knock-Out Warrants	8,526	23%	26%	12.3%	6,541	-25%	34%	31.0%
1250 Capped Bonus Certificates	1,681	-1.7%	16.7%	2.4%	126	-52%	-37%	0.6%
2300 Constant Leverage Certificate	1,285	-1.1%	-2.5%	1.8%	61	190%	204%	0.3%
2230 Double Knock-Out Warrants	293	-6.9%	-14.0%	0.4%	38	-90%	-59%	0.2%
1300 Tracker Certificates	178	-0.1%	-1.1%	0.3%	2		4.3%	0.0%
1320 Bonus Certificates	144	-0.9%	28%	0.2%	10	-82%	-20.0%	0.0%
2110 Spread	99	-16.6%	3.4%	0.1%	0		-100%	0.0%
1200 Discount Certificates	72	-8.1%	3.5%	0.1%	0	-100%	-100%	0.0%
1100 Uncapped Capital Protection	7	0.0%	-0.4%	0.0%	0			0.0%
1260 Express Certificates	2	70%	633%	0.0%	0	-100%	-100%	0.0%
Total	69,567	8.3%	8.5%	100%	21,118	-24.1%	28.0%	100%

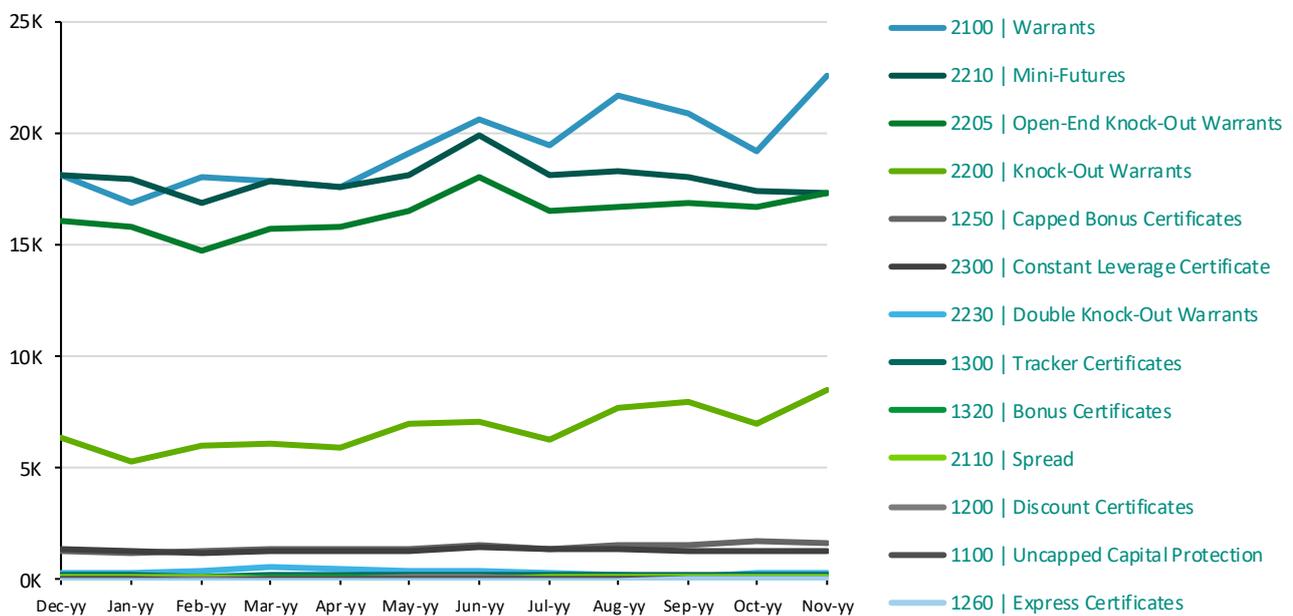
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

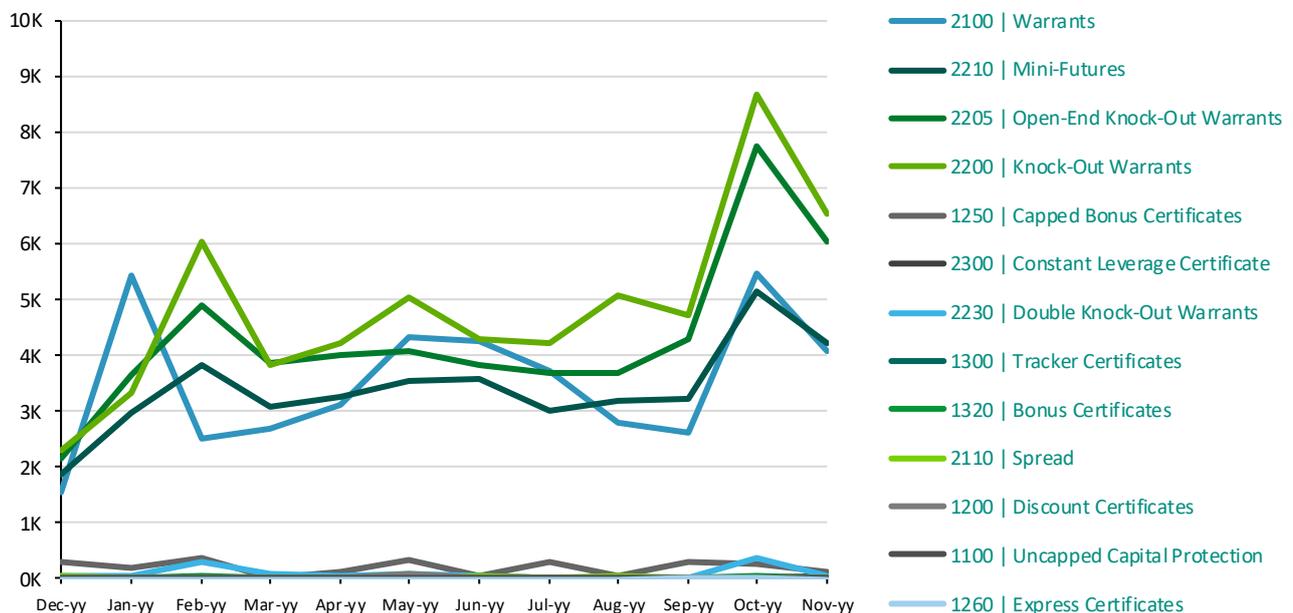
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type across all Euronext markets.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type across all Euronext markets.



PRODUCT STRATEGIES

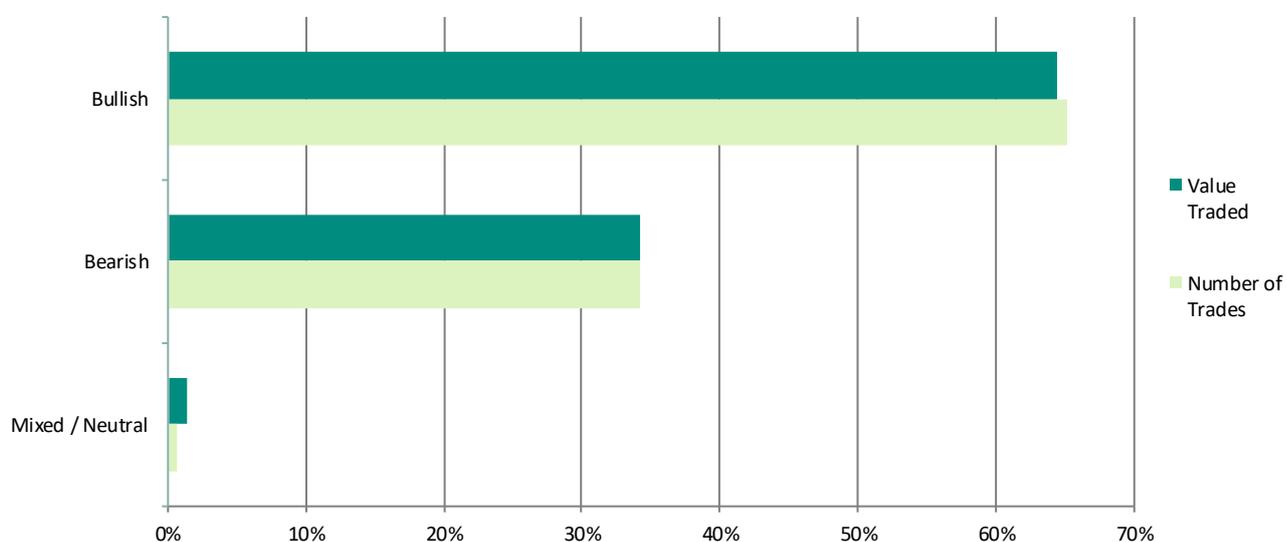
Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	25,971	-8.0%	-5.9%	64.4%	8,882	-11.6%	6.1%	65.1%
Bearish	13,777	-4.1%	20%	34.2%	4,659	-2.4%	14.1%	34.2%
Mixed / Neutral	557	-21%	-26%	1.4%	92	-18.4%	-23%	0.7%
Total	40,305	-7.0%	1.3%	100%	13,633	-8.7%	8.4%	100%

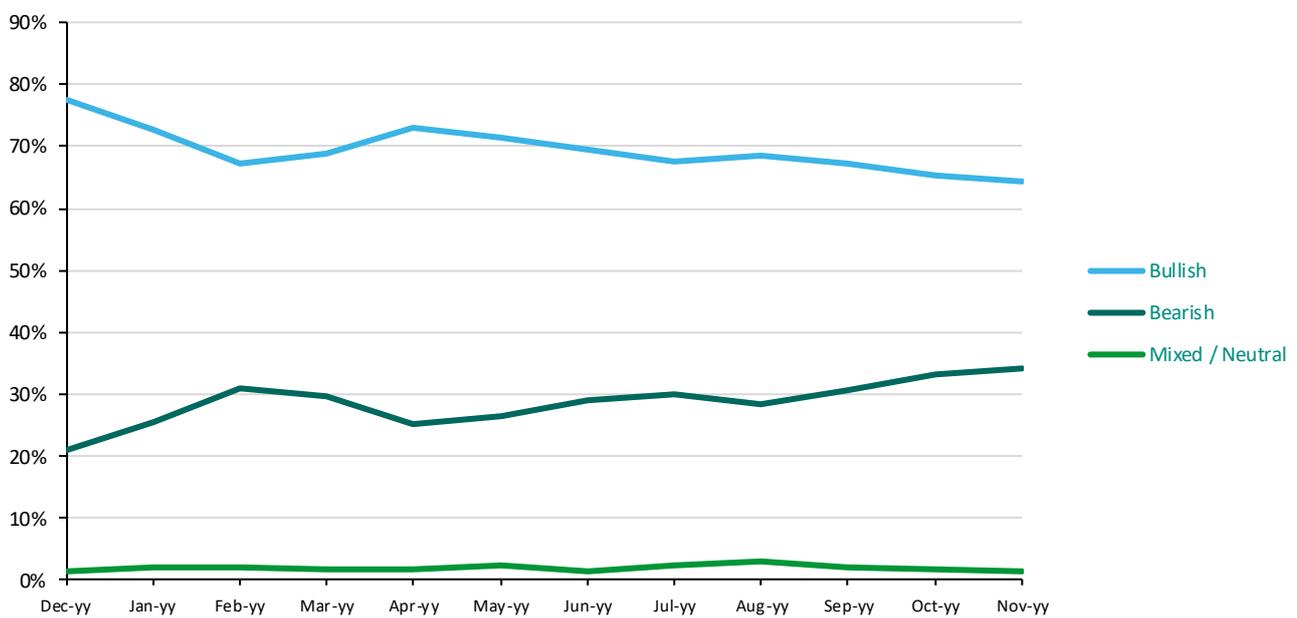
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PRODUCT STRATEGIES

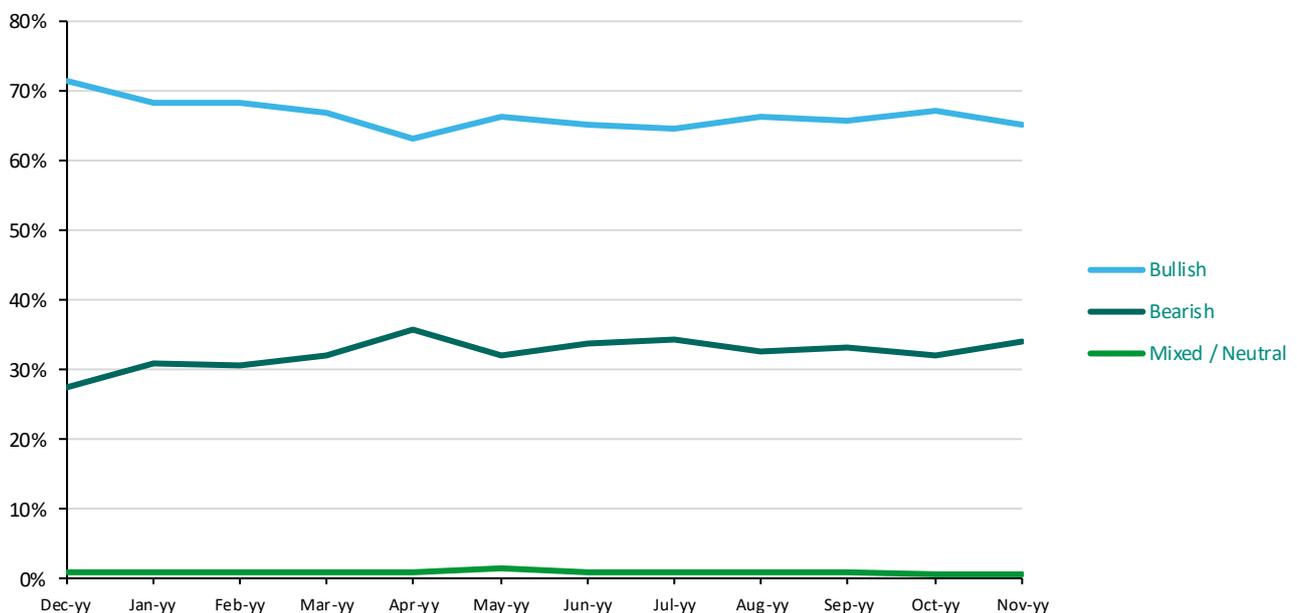
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each product type over the total number of trades across all Euronext markets.



PRODUCT STRATEGIES

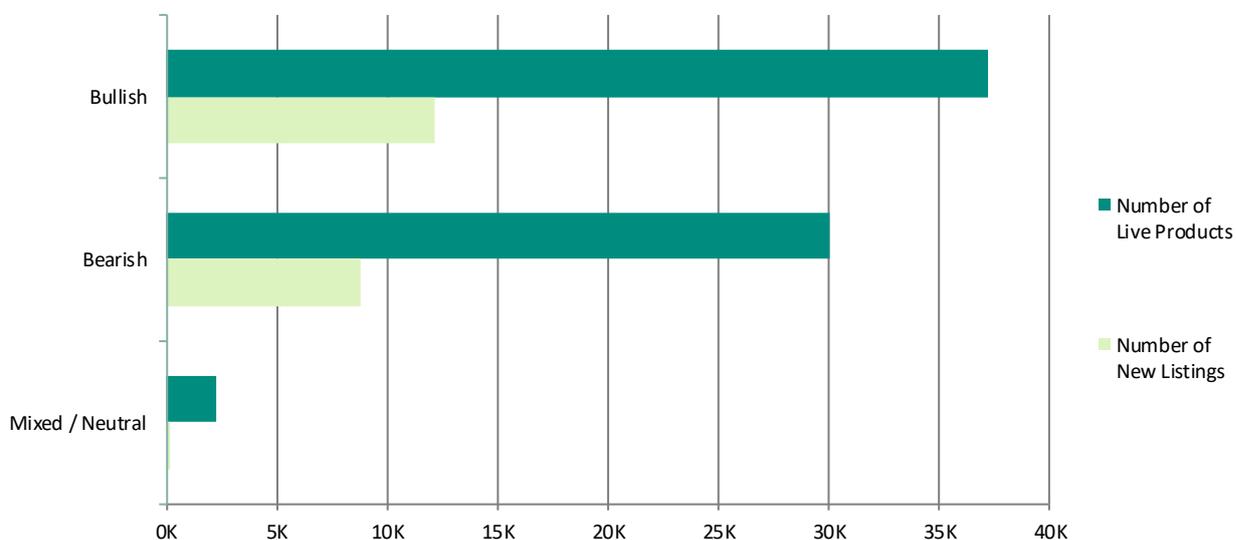
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The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	37,278	5.9%	-0.5%	53.6%	12,151	-12.0%	40%	57.5%
Bearish	30,045	12.6%	23%	43.2%	8,803	-34%	17.0%	41.7%
Mixed / Neutral	2,244	-3.6%	5.9%	3.2%	164	-76%	-48%	0.8%
Total	69,567	8.3%	8.5%	100%	21,118	-24.1%	28.0%	100%

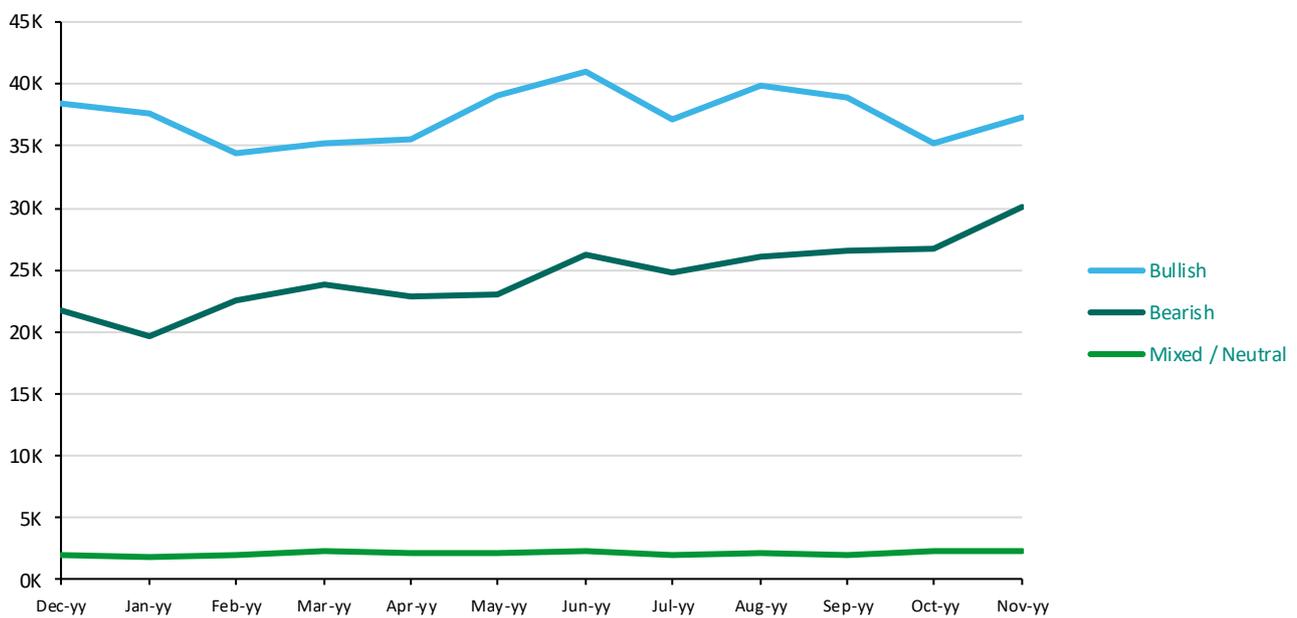
(Source Euronext)



PRODUCT STRATEGIES

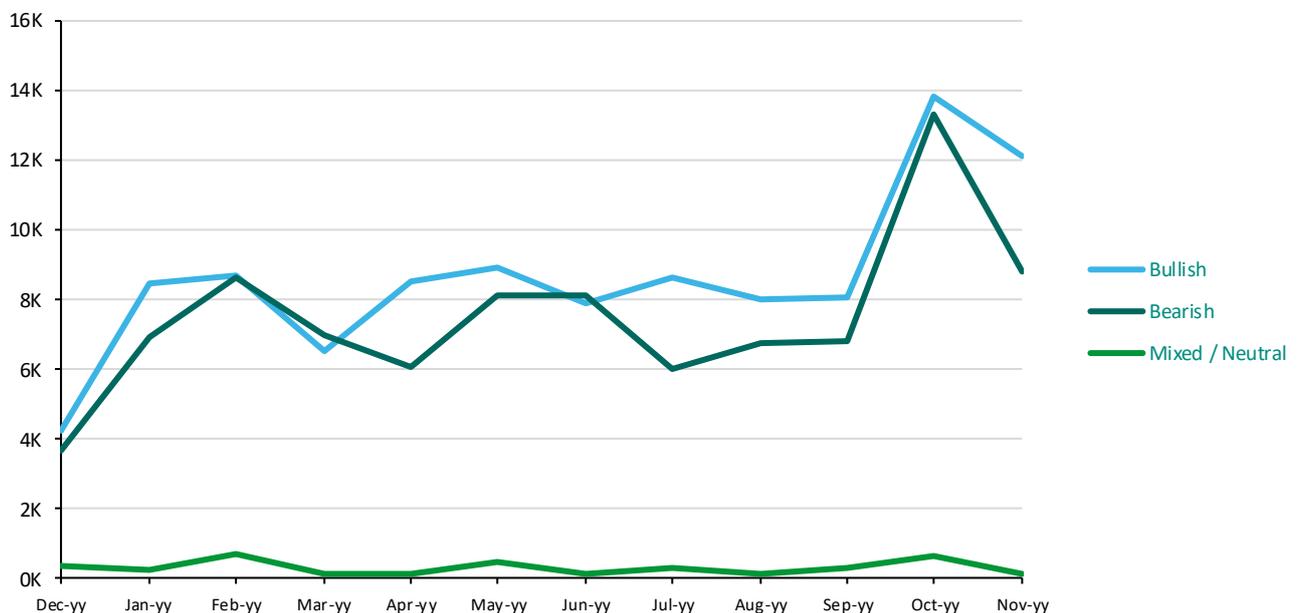
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type across all Euronext markets.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type across all Euronext markets.



UNDERLYING TYPES

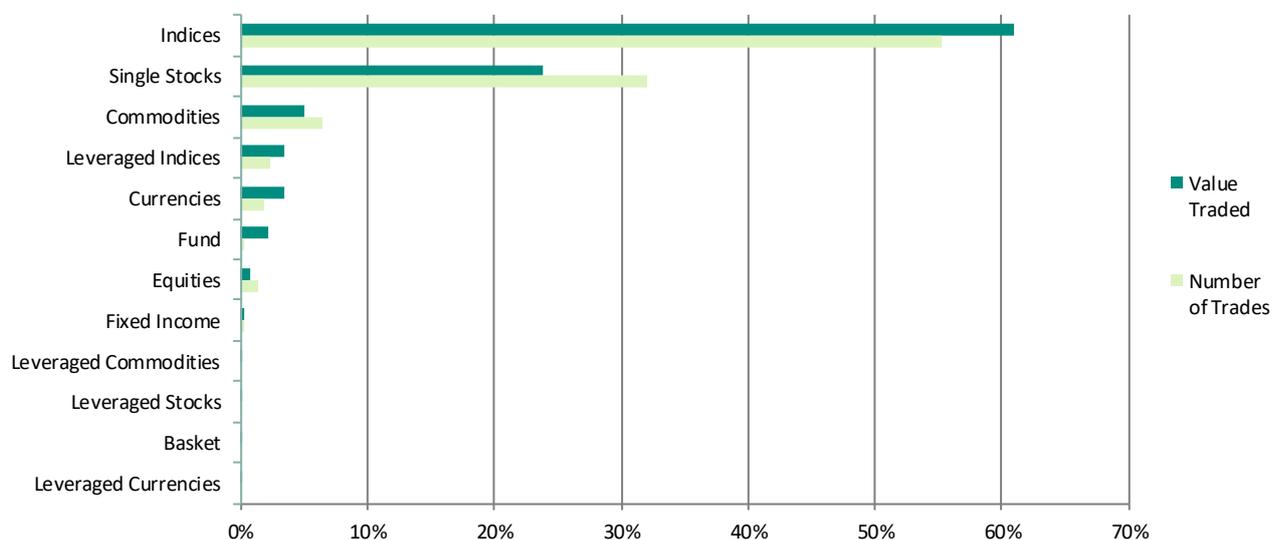
Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of all Euronext markets.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	24,547	-5.7%	16.3%	60.9%	7,532	-9.5%	18.9%	55.3%
Single Stocks	9,619	-11.6%	-11.8%	23.9%	4,367	-9.1%	-3.2%	32.0%
Commodities	2,028	-13.7%	3.5%	5.0%	873	18.6%	28%	6.4%
Leveraged Indices	1,396	-25%	22%	3.5%	309	-32%	11.8%	2.3%
Currencies	1,393	73%	-21%	3.5%	257	2.8%	-31%	1.9%
Fund	865	18.4%	-64%	2.1%	30	-53%	-78%	0.2%
Equities	310	-32%	-8.3%	0.8%	186	-15.4%	0.1%	1.4%
Fixed Income	89	-10.1%	-3.7%	0.2%	36	-13.5%	-10.9%	0.3%
Leveraged Commodities	21	-56%	-39%	0.1%	24	14.9%	24%	0.2%
Leveraged Stocks	19	-31%	-54%	0.0%	15	-14.3%	2.7%	0.1%
Basket	15	-21%	-2.9%	0.0%	1.5	-6.5%	-4.5%	0.0%
Leveraged Currencies	2	101%	216%	0.0%	0.3	57%	10.4%	0.0%
Total	40,305	-7.0%	1.3%	100%	13,633	-8.7%	8.4%	100%

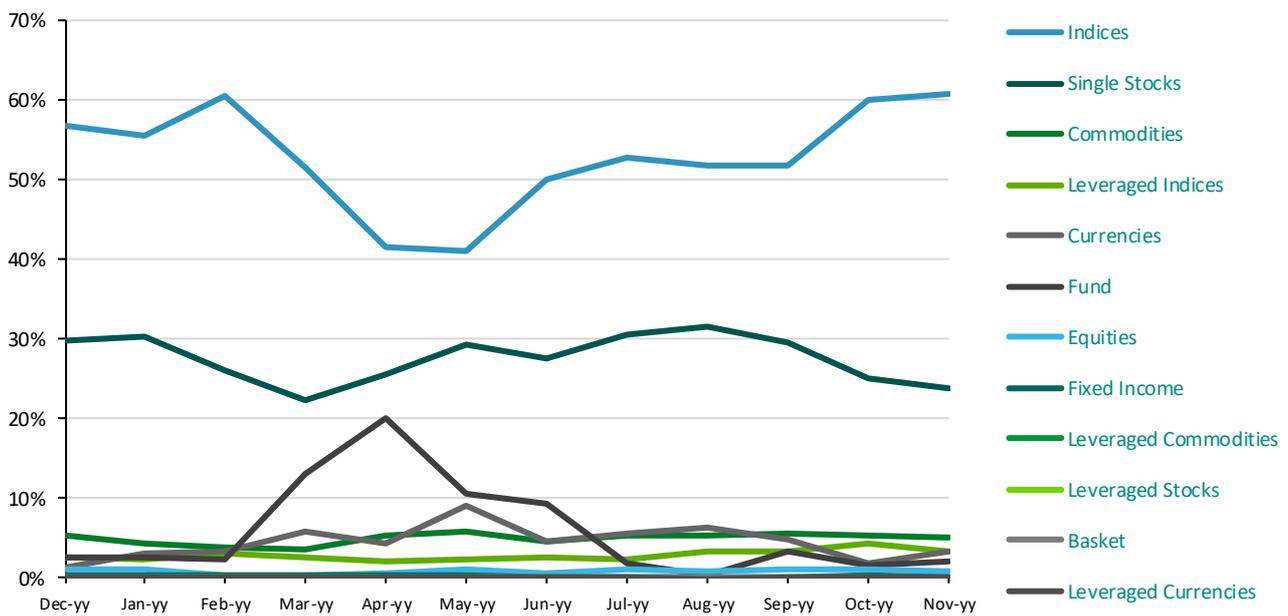
(Source Euronext)



UNDERLYING TYPES

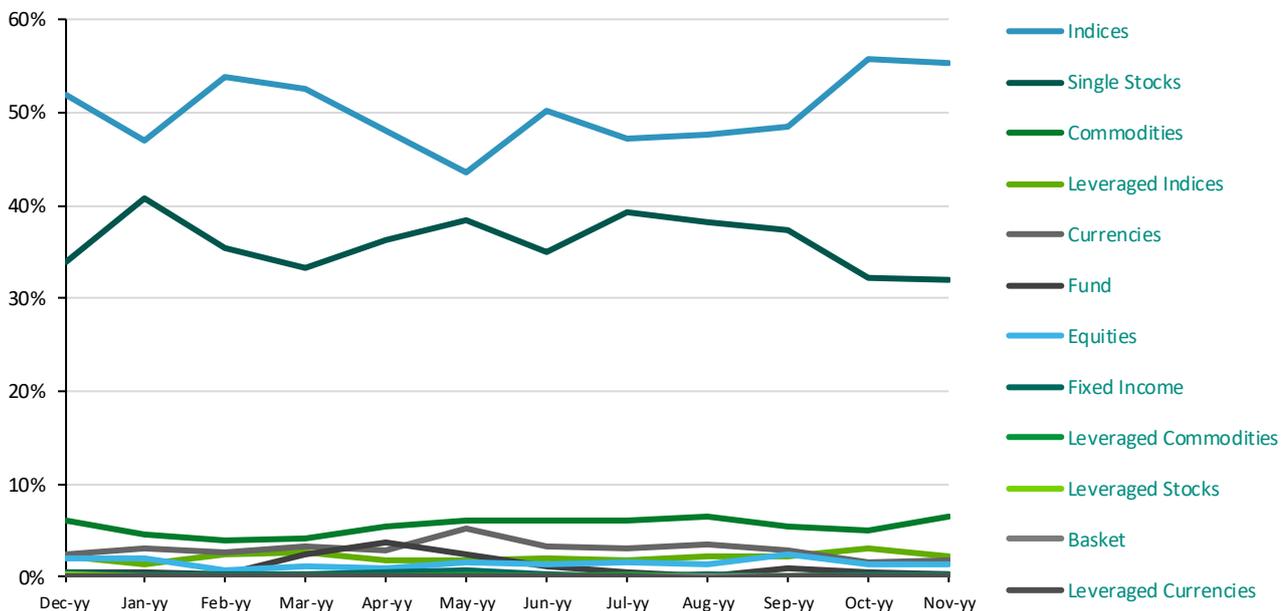
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each underlying type over the total number of trades across all Euronext markets.



UNDERLYING TYPES

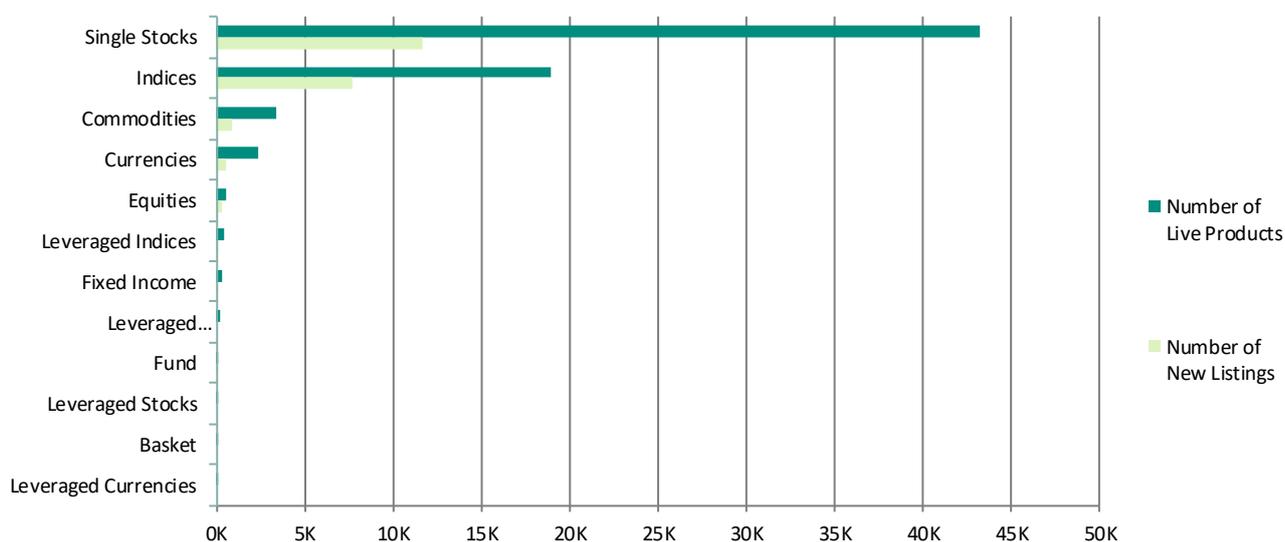
Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	43,199	9.6%	11.2%	62.1%	11,661	-23%	35%	55.2%
Indices	18,976	8.1%	4.0%	27.3%	7,723	-30%	16.8%	36.6%
Commodities	3,367	-2.0%	6.0%	4.8%	902	9.5%	46%	4.3%
Currencies	2,312	7.6%	-0.4%	3.3%	516	-0.8%	22%	2.4%
Equities	582	10.9%	49%	0.8%	259	-27%	52%	1.2%
Leveraged Indices	374	-2.2%	-3.4%	0.5%	47		548%	0.2%
Fixed Income	330	0.9%	2.3%	0.5%	4	-81%	-67%	0.0%
Leveraged Commodities	150	-5.6%	1.5%	0.2%	0		-100%	0.0%
Fund	132	2.3%	17.0%	0.2%	6	20.0%	18.0%	0.0%
Leveraged Stocks	114	-2.4%	-0.4%	0.2%	0		-100%	0.0%
Basket	19	-0.8%	-1.7%	0.0%	0		-100%	0.0%
Leveraged Currencies	10	0.0%	-12.3%	0.0%	0			0.0%
Total	69,567	8.3%	8.5%	100%	21,118	-24.1%	28.0%	100%

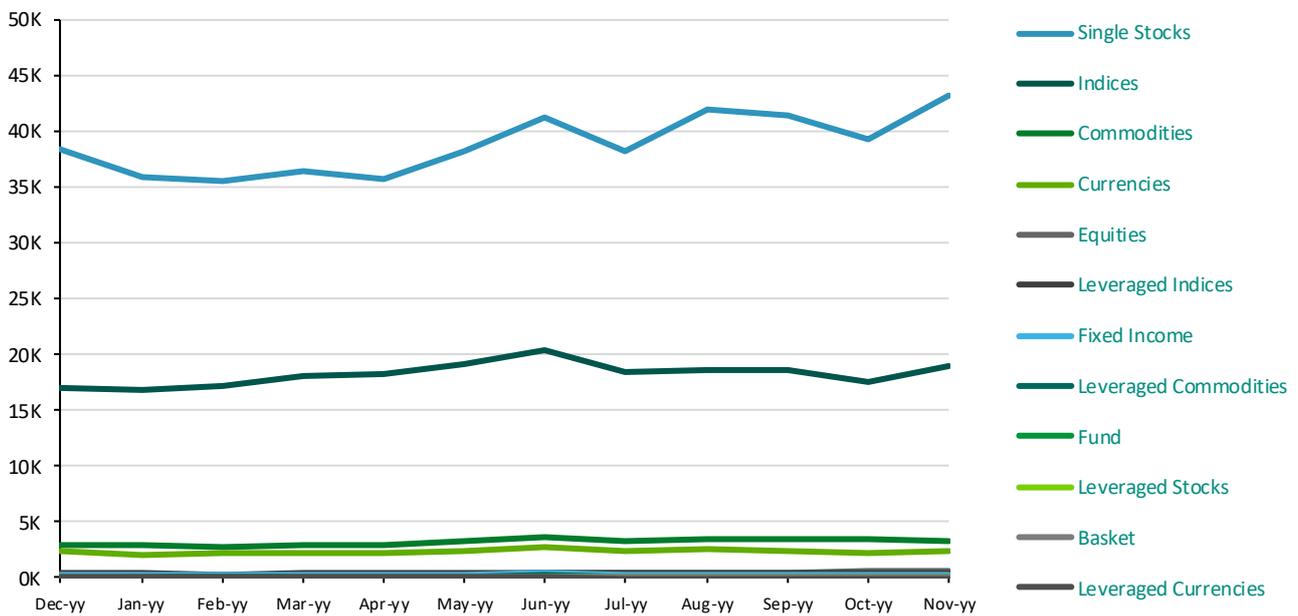
(Source Euronext)



UNDERLYING TYPES

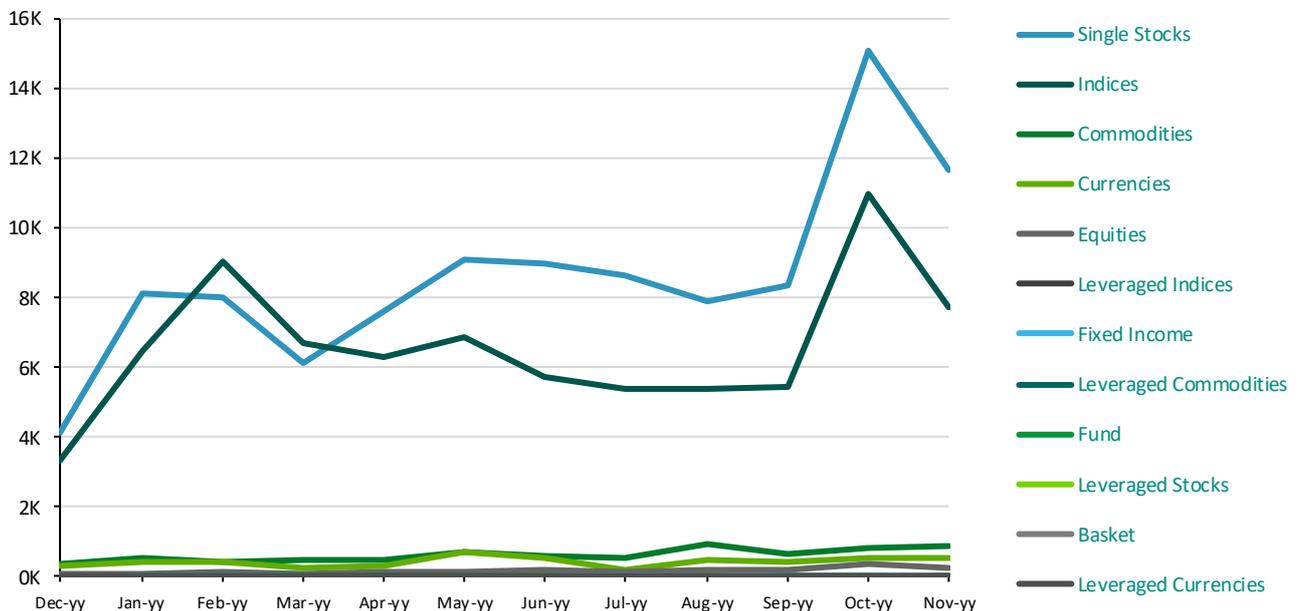
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type across all Euronext markets.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type across all Euronext markets.



TOP 10 UNDERLYING COUNTRIES

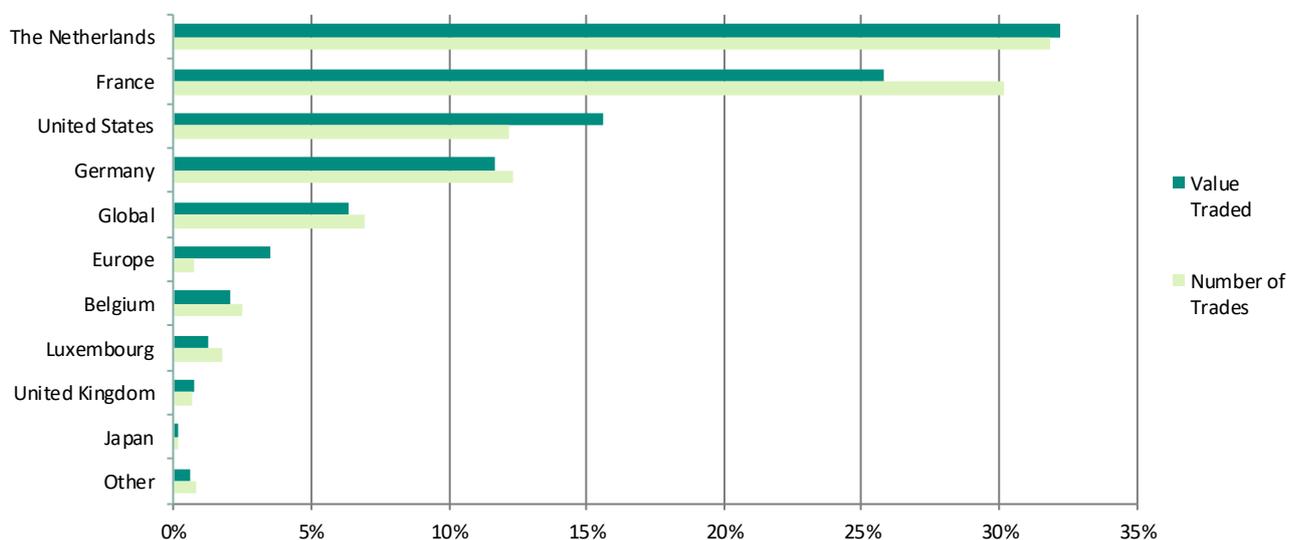
Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of all Euronext markets.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	13,001	-1.6%	11.7%	32.3%	4,346	-8.2%	8.5%	31.9%
France	10,390	-13.3%	11.7%	25.8%	4,116	-13.5%	12.2%	30.2%
United States	6,286	-2.1%	2.9%	15.6%	1,658	-9.0%	9.3%	12.2%
Germany	4,703	4.7%	4.6%	11.7%	1,677	-2.3%	18.0%	12.3%
Global	2,561	-16.7%	7.0%	6.4%	944	9.8%	20%	6.9%
Europe	1,422	-25%	-57%	3.5%	103	-35%	-55%	0.8%
Belgium	837	-2.6%	-18.6%	2.1%	339	-15.8%	-18.9%	2.5%
Luxembourg	488	37%	-14.5%	1.2%	238	18.6%	-6.4%	1.7%
United Kingdom	310	-29%	-14.9%	0.8%	85	-13.1%	-25%	0.6%
Japan	69	-15.4%		0.2%	16	-23%		0.1%
Other	238	-53%	-58%	0.6%	110	-33%	-33%	0.8%
Total	40,305	-7.0%	1.3%	100%	13,633	-8.7%	8.4%	100%

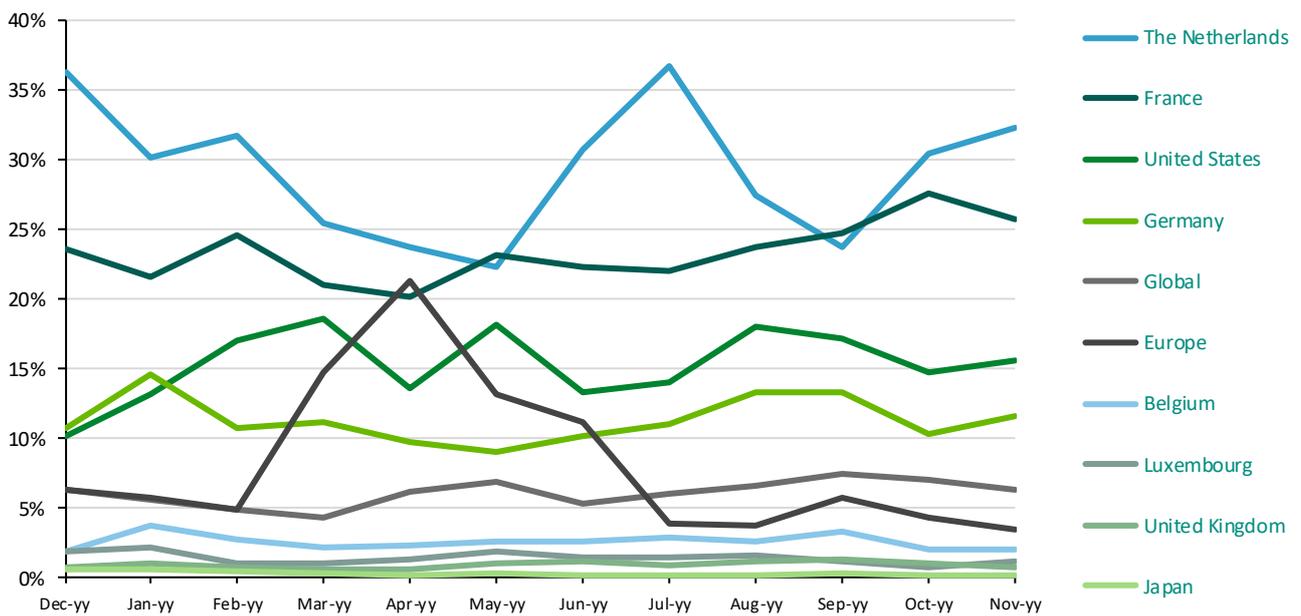
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

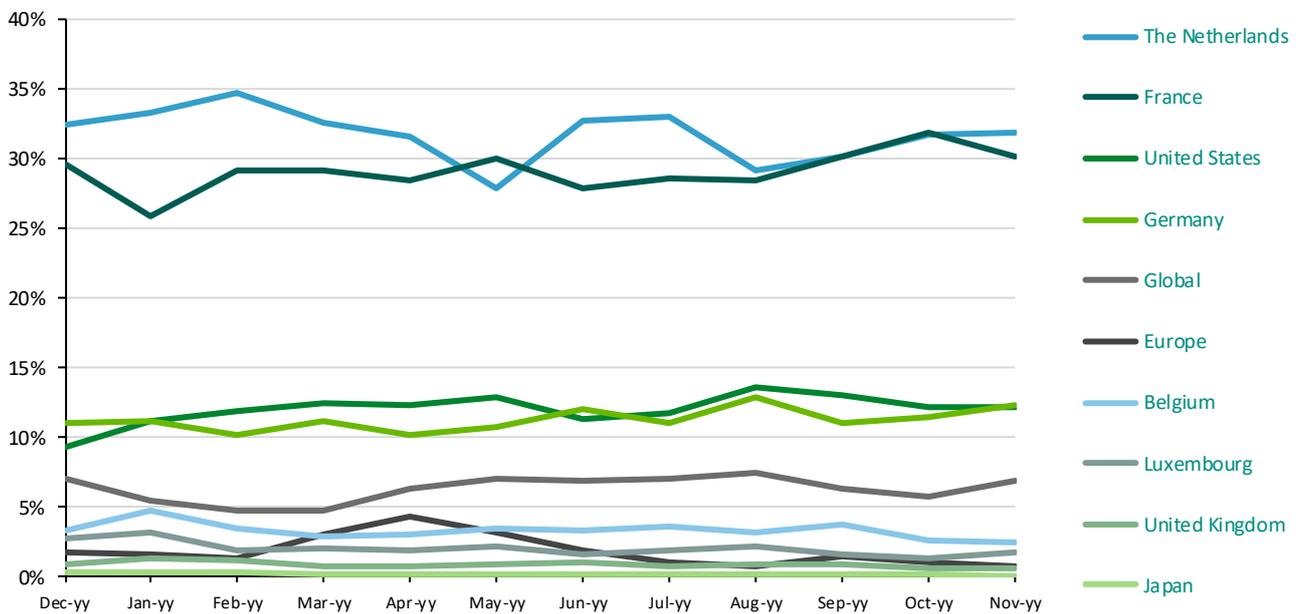
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each underlying country of origin over the total number of trades across all Euronext markets.



TOP 10 UNDERLYING COUNTRIES

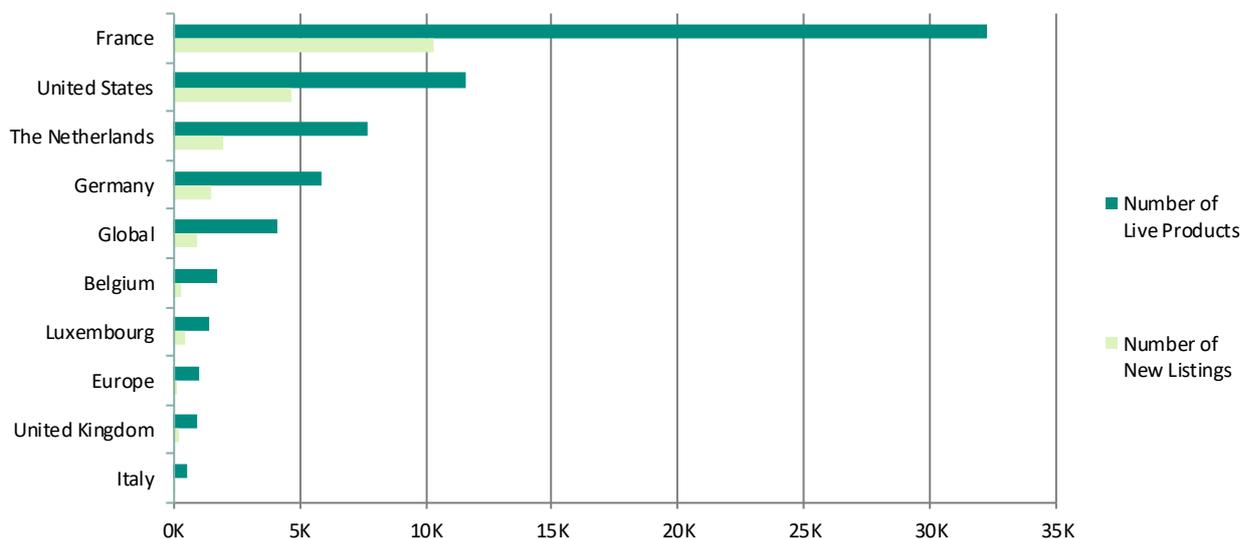
Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	32,280	10.7%	9.6%	46.4%	10,343	-25%	28%	49.0%
United States	11,582	10.2%	18.5%	16.6%	4,647	-0.6%	55%	22.0%
The Netherlands	7,671	3.3%	-0.2%	11.0%	1,952	-34%	17.0%	9.2%
Germany	5,868	10.9%	1.1%	8.4%	1,518	-46%	-8.7%	7.2%
Global	4,089	-1.6%	6.0%	5.9%	936	-2.9%	36%	4.4%
Belgium	1,729	4.3%	10.1%	2.5%	314	-46%	16.3%	1.5%
Luxembourg	1,399	3.0%	1.4%	2.0%	479	-11.9%	24%	2.3%
Europe	990	2.1%	2.9%	1.4%	136	-45%	1.6%	0.6%
United Kingdom	958	5.0%	11.5%	1.4%	238	-23%	44%	1.1%
Italy	514	2.2%	4.5%	0.7%	58	-35%	-25%	0.3%
Other	2,486	9.2%	10.4%	3.6%	497	-38%	27%	2.4%
Total	69,567	8.3%	8.5%	100%	21,118	-24.1%	28.0%	100%

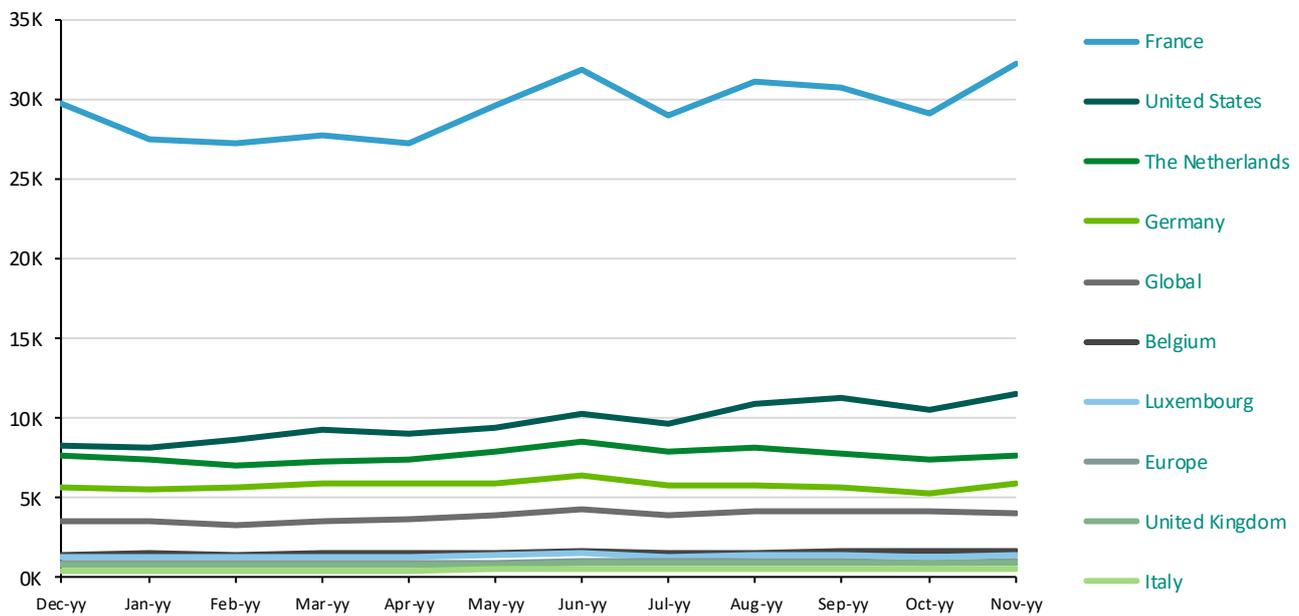
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

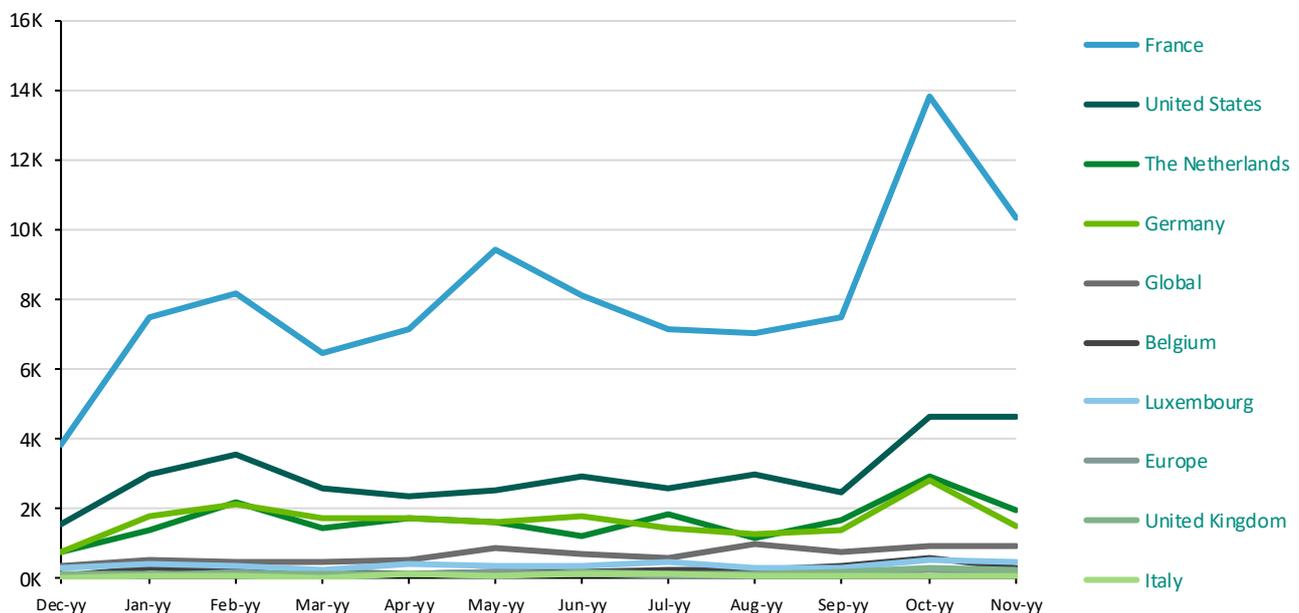
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin across all Euronext markets.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin across all Euronext markets.



TOP 10 UNDERLYINGS

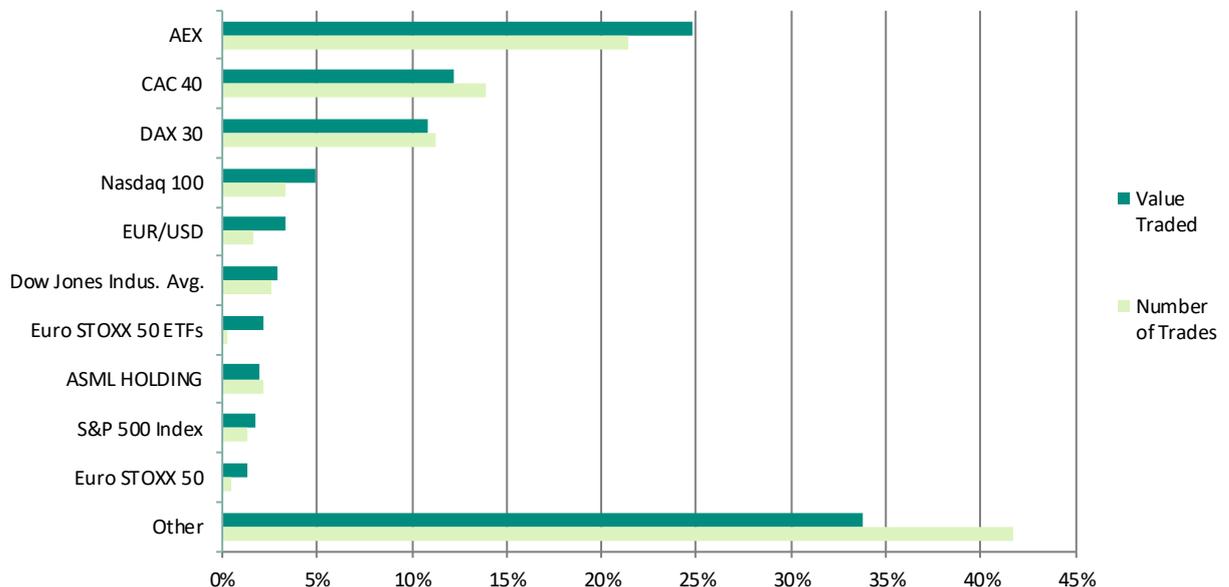
Market Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	9,978	4.6%	30%	24.8%	2,915	-9.0%	19.3%	21.4%
CAC 40	4,938	-16.6%	20%	12.3%	1,895	-14.7%	21%	13.9%
DAX 30	4,357	5.4%	6.7%	10.8%	1,531	-0.7%	22%	11.2%
Nasdaq 100	1,991	16.3%	85%	4.9%	449	4.3%	55%	3.3%
EUR/USD	1,350	76%	-19.1%	3.4%	226	0.1%	-32%	1.7%
Dow Jones Indus. Avg.	1,175	7.5%	-14.4%	2.9%	355	-8.4%	9.6%	2.6%
Euro STOXX 50 ETFs	865	18.6%	-64%	2.1%	30	-53%	-78%	0.2%
ASML HOLDING	782	-2.3%	-4.0%	1.9%	291	6.9%	26%	2.1%
S&P 500 Index	711	-48%	-31%	1.8%	186	-29%	-9.2%	1.4%
Euro STOXX 50	540	-52%	-40%	1.3%	64	-22%	-24%	0.5%
Other	13,618	-15.5%	-7.3%	33.8%	5,692	-8.9%	-0.5%	41.8%
Total	40,305	-7.0%	1.3%	100%	13,633	-8.7%	8.4%	100%

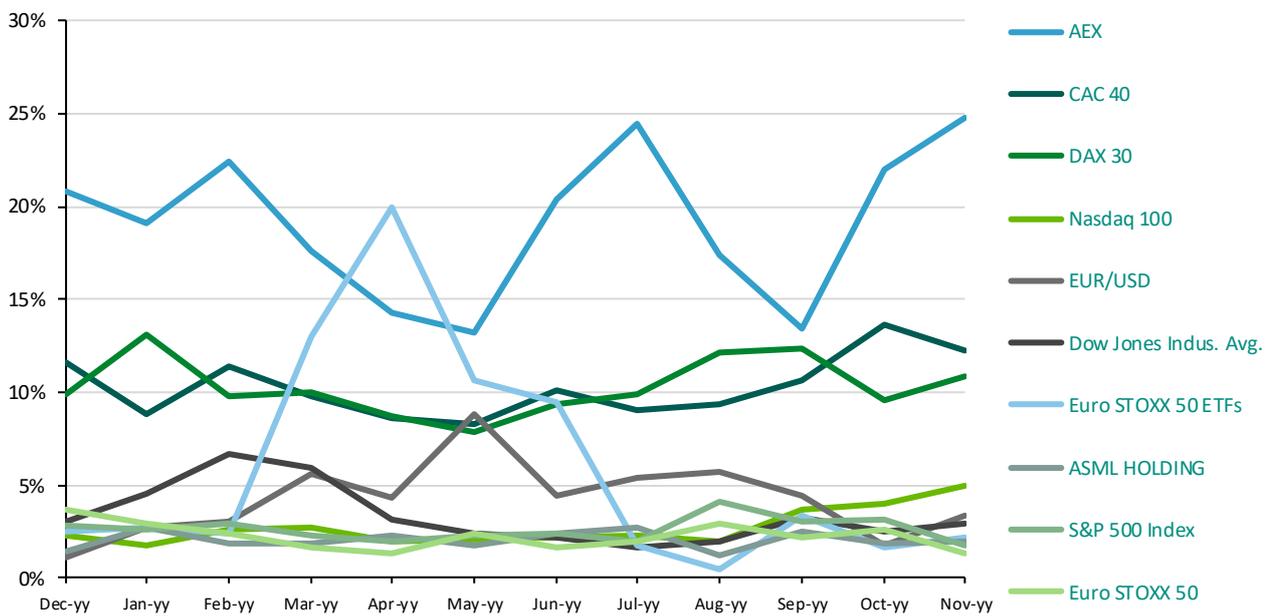
(Source Euronext)



TOP 10 UNDERLYINGS

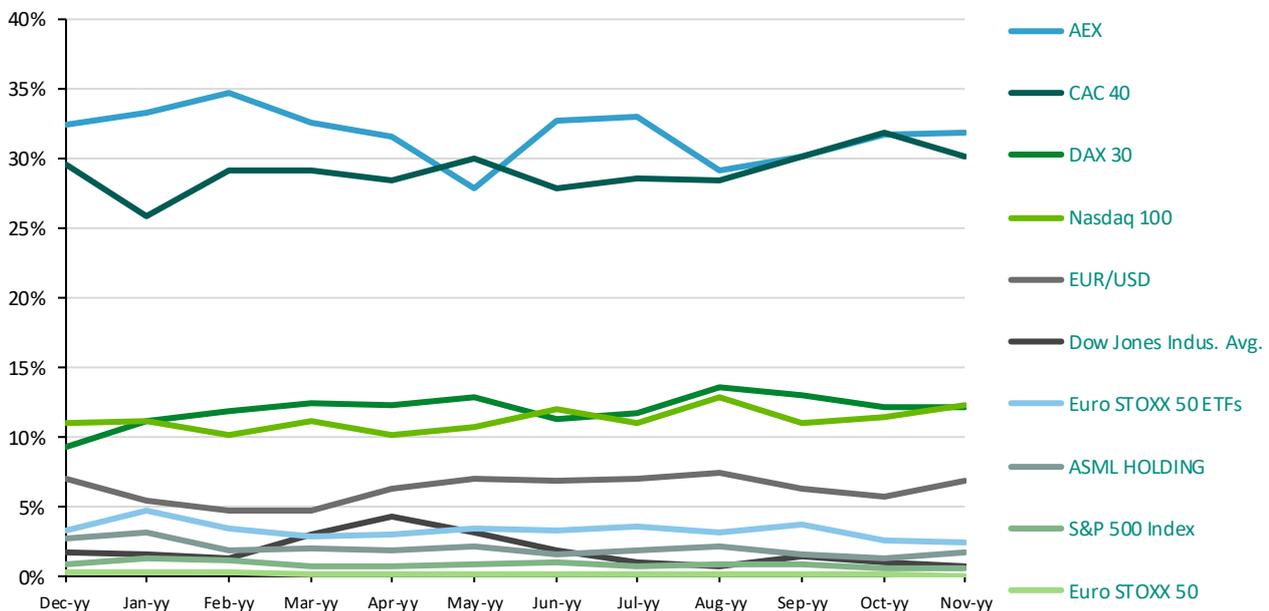
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded across all Euronext markets.



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades for each top 10 underlying over the total number of trades across all Euronext markets.



TOP 10 UNDERLYINGS

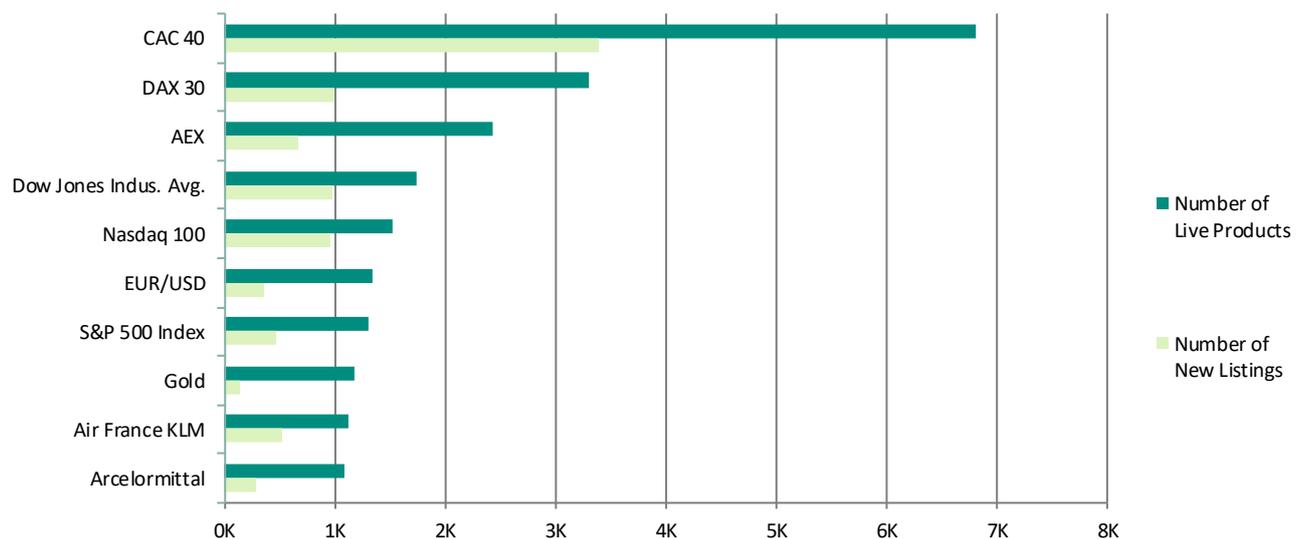
Product Overview

The table below displays the daily averages of value traded and number of trades across all Euronext markets for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of all Euronext markets.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	6,812	7.6%	11.6%	9.8%	3,395	-30%	17.5%	16.1%
DAX 30	3,300	15.3%	-0.9%	4.7%	1,004	-52%	-19.6%	4.8%
AEX	2,436	4.0%	-8.6%	3.5%	661	-45%	-4.6%	3.1%
Dow Jones Indus. Avg.	1,746	10.1%	1.0%	2.5%	968	-7.4%	35%	4.6%
Nasdaq 100	1,520	10.1%	20%	2.2%	962	2.4%	89%	4.6%
EUR/USD	1,349	8.7%	-5.2%	1.9%	359	31%	22%	1.7%
S&P 500 Index	1,310	6.2%	9.4%	1.9%	477	-0.4%	64%	2.3%
Gold	1,171	2.1%	8.5%	1.7%	149	-44%	-18.6%	0.7%
Air France KLM	1,126	15.5%	12.9%	1.6%	531	6.4%	49%	2.5%
Arcelormittal	1,088	3.2%	0.0%	1.6%	283	-30%	2.6%	1.3%
Other	47,710	8.3%	10.4%	68.6%	12,329	-22%	36%	58.4%
Total	69,567	8.3%	8.5%	100%	21,118	-24.1%	28.0%	100%

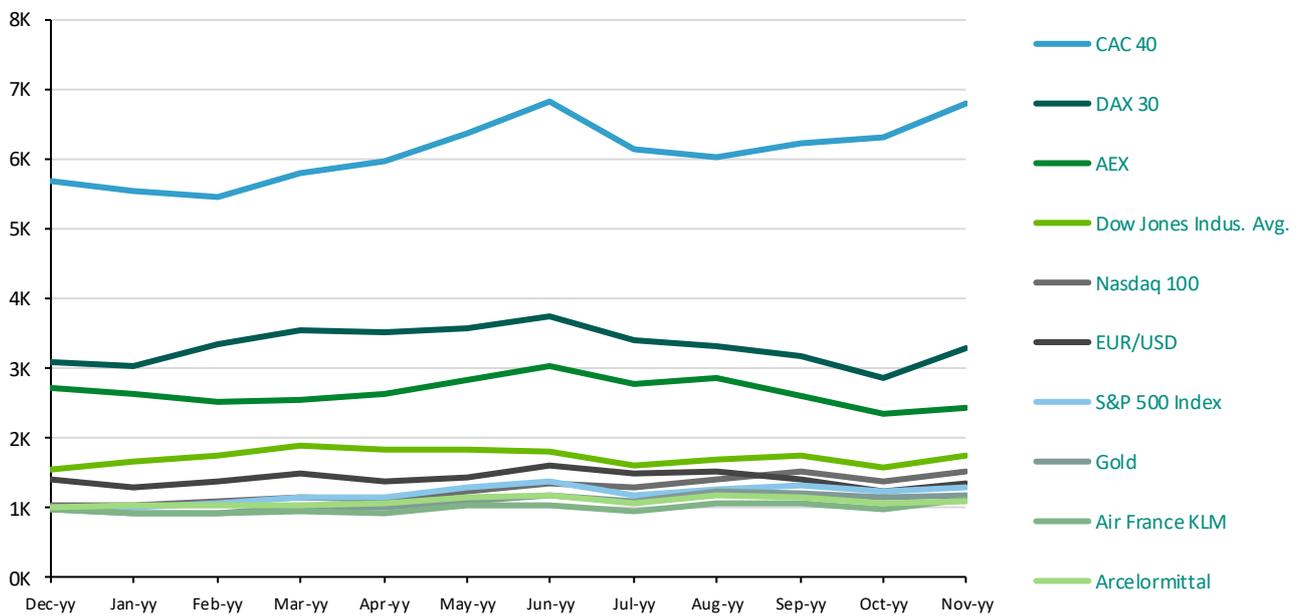
(Source Euronext)



TOP 10 UNDERLYINGS

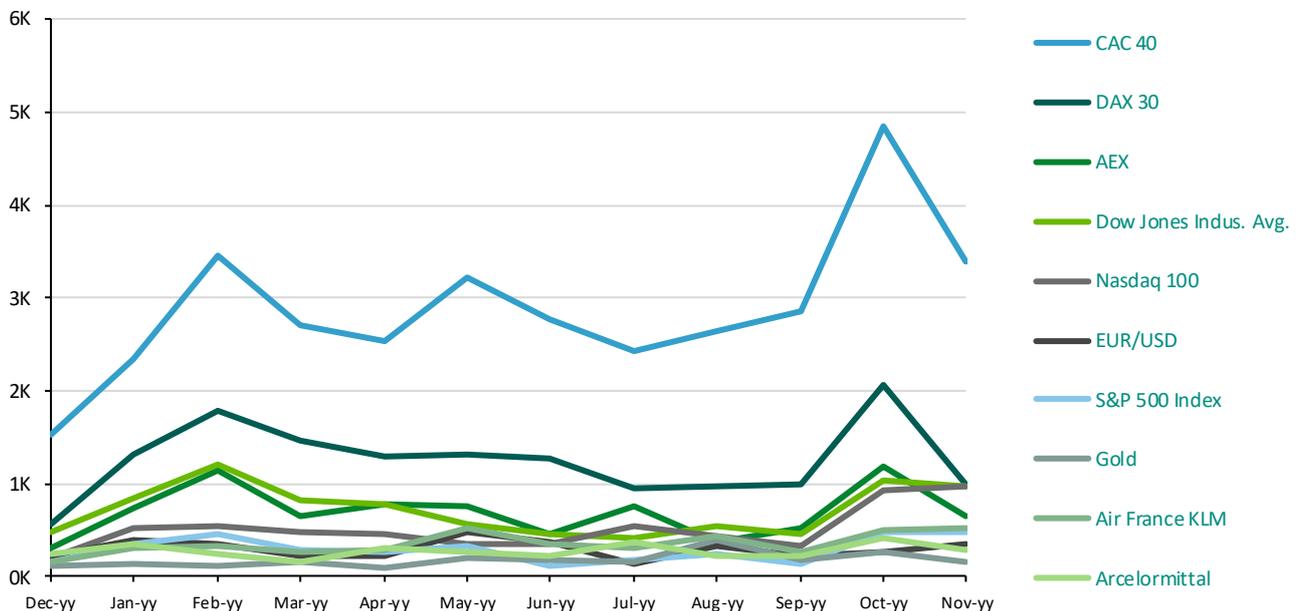
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying across all Euronext markets.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying across all Euronext markets.



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	21,678	2,694
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	18,940	1,088
NL0011907449	BNP Paribas	2205	Open-End Knock-Out Warrants	DSM	15,829	256
NL0013153166	BNP Paribas	2210	Mini-Futures	AEX	15,819	908
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	15,620	1,408
NL0013062318	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	15,543	34
NL0013008352	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	14,289	2,552
NL0012355515	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	13,772	78
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	12,482	1,330
NL0013146707	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	10,079	1,568
DE000CJ3WNY7	Commerzbank	2100	Warrants	CAC 40	9,908	448
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	9,565	1,718
NL0012436950	Goldman Sachs	2210	Mini-Futures	AEX	8,829	974
NL0013150568	BNP Paribas	2210	Mini-Futures	AEX	8,655	146
NL0013146806	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	7,550	770
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	7,114	350
DE000CJ3P836	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	7,080	498
NL0013081425	Goldman Sachs	2210	Mini-Futures	DAX 30	6,788	342
NL0013155856	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	6,712	826
NL0013157936	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	6,699	370
NL0013008519	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	6,510	602
NL0013149818	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	6,337	466
DE000CJ3P7D0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	6,273	446
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	6,231	1,152
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	6,212	1,176
NL0013129539	Goldman Sachs	2210	Mini-Futures	AEX	6,033	70
NL0011931043	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	6,011	224
NL0012493795	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	5,939	696
NL0013080153	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	5,864	1,160
DE000CE6DL90	Commerzbank	2205	Open-End Knock-Out Warrants	Tesla Motors Inc	5,671	1,256
NL0012990543	BNP Paribas	2210	Mini-Futures	Silver	5,417	52
NL0013150287	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,318	802
NL0013147762	BNP Paribas	2210	Mini-Futures	AEX	5,172	546
NL0013008394	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,116	1,156
NL0012818462	ING	2100	Warrants	Euro STOXX 50 ETFs	5,113	580
DE000CE72KH6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	5,082	290
NL0013147887	BNP Paribas	2210	Mini-Futures	Nasdaq 100	5,067	220
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	5,039	890
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	4,934	728
NL0013147879	BNP Paribas	2210	Mini-Futures	Nasdaq 100	4,931	138
NL0013013782	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	4,859	970
NL0013147895	BNP Paribas	2210	Mini-Futures	Nasdaq 100	4,786	148
NL0013081417	Goldman Sachs	2210	Mini-Futures	DAX 30	4,786	314
NL0013150048	BNP Paribas	2210	Mini-Futures	AEX	4,782	190
LU1840894593	Société Générale	2200	Knock-Out Warrants	CAC 40	4,708	176
NL0013157191	BNP Paribas	2210	Mini-Futures	AEX	4,646	412
NL0013009368	BNP Paribas	2210	Mini-Futures	AEX	4,516	546
NL0013145626	BNP Paribas	2210	Mini-Futures	Nasdaq 100	4,505	82
NL0013146269	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,365	606
DE000CA0ZD72	Commerzbank	2300	Constant Leverage Certificate	CAC 40	4,337	798

(Source Euronext)



Euronext Amsterdam

ISSUERS

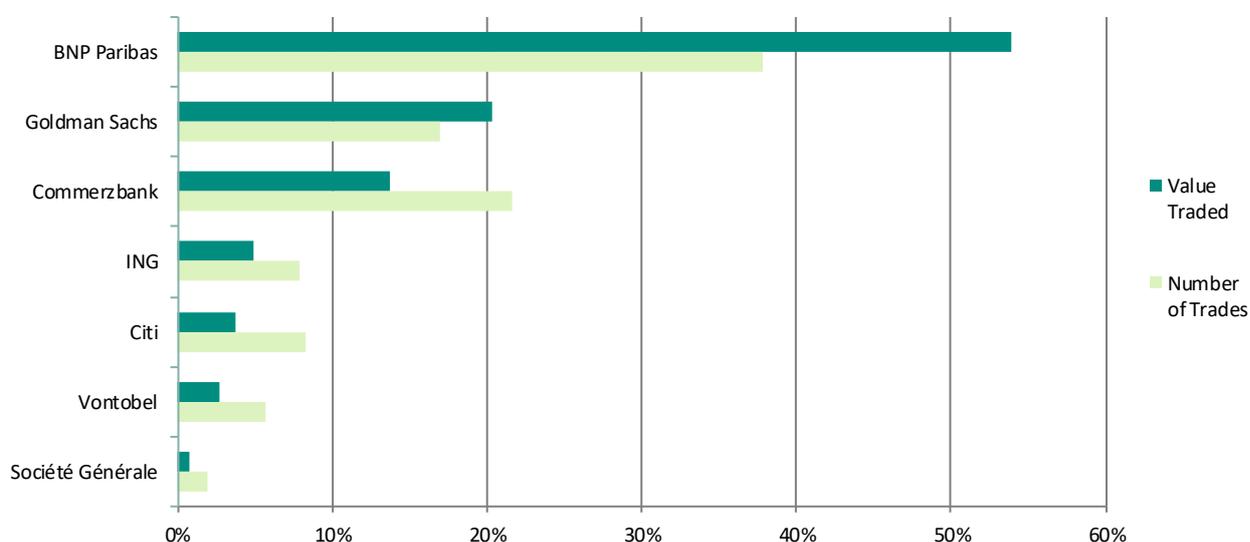
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Amsterdam.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	12,703	4.5%	22%	53.9%	2,895	5.8%	9.6%	37.9%
Goldman Sachs	4,781	14.9%	-0.5%	20.3%	1,296	-3.4%	11.4%	17.0%
Commerzbank	3,231	6.2%	11.6%	13.7%	1,650	-6.2%	16.2%	21.6%
ING	1,158	-33%	-60%	4.9%	598	-28.9%	-28.0%	7.8%
Citi	876	-23%	-25%	3.7%	628	-1.7%	7.3%	8.2%
Vontobel	647	-45%	-21%	2.7%	434	-30.9%	-6.2%	5.7%
Société Générale	165	-3.9%	-29%	0.7%	142	-17.9%	-14.8%	1.9%
Total	23,562	-0.1%	1.4%	100%	7,643	-5.9%	5.1%	100%

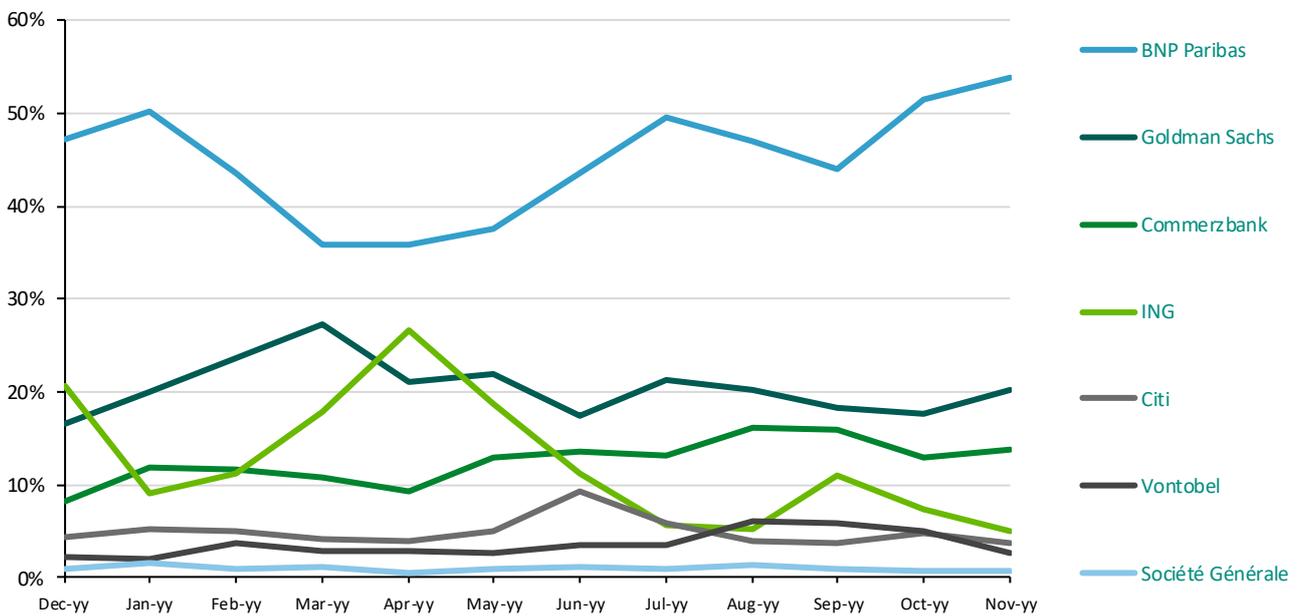
(Source Euronext)



ISSUERS

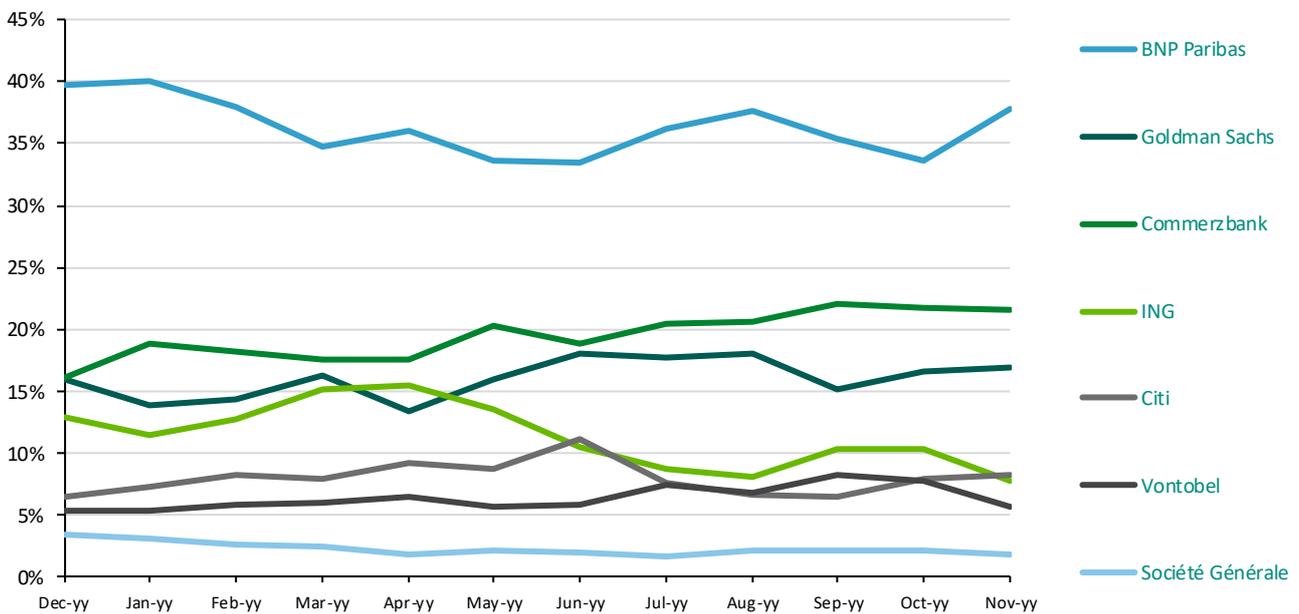
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Euronext Amsterdam.



ISSUERS

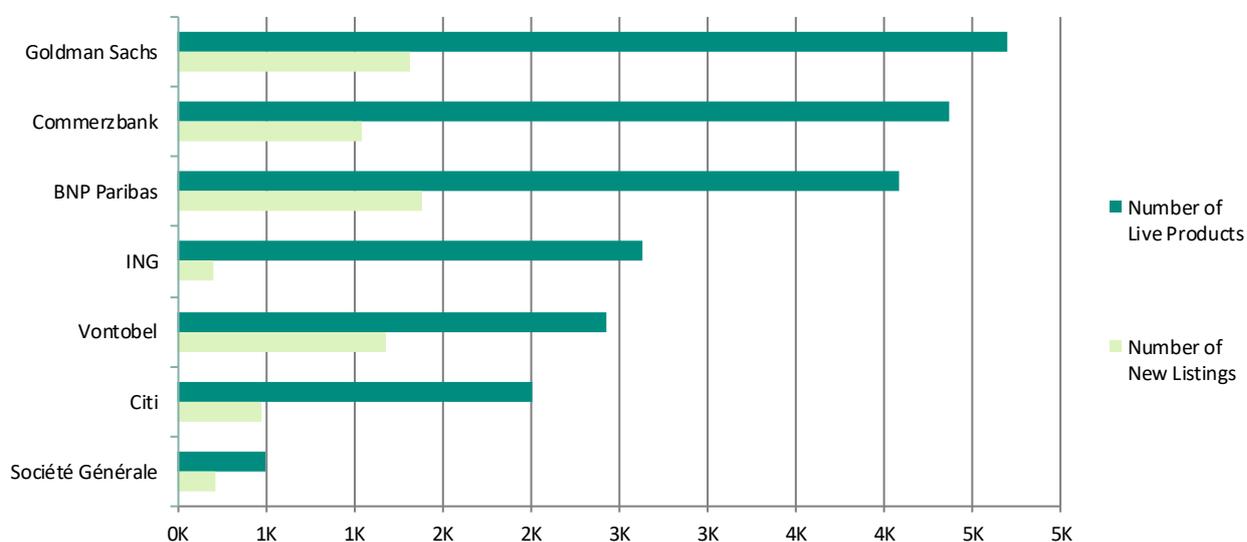
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	4,704	5.7%	-11.8%	22.7%	1,314	-16.9%	4.2%	22.6%
Commerzbank	4,368	3.8%	5.3%	21.1%	1,042	-12.2%	39%	17.9%
BNP Paribas	4,082	5.6%	3.7%	19.7%	1,384	-16.4%	50%	23.8%
ING	2,636	-3.1%	-4.9%	12.7%	204	-38%	-16.4%	3.5%
Vontobel	2,430	7.4%	31%	11.7%	1,177	-29%	52%	20.3%
Citi	2,013	-2.1%	-3.8%	9.7%	470	-17.0%	32%	8.1%
Société Générale	500	9.3%	12.5%	2.4%	218	-37%	3.6%	3.8%
Total	20,733	3.6%	0.8%	100%	5,809	-20.6%	28.5%	100%

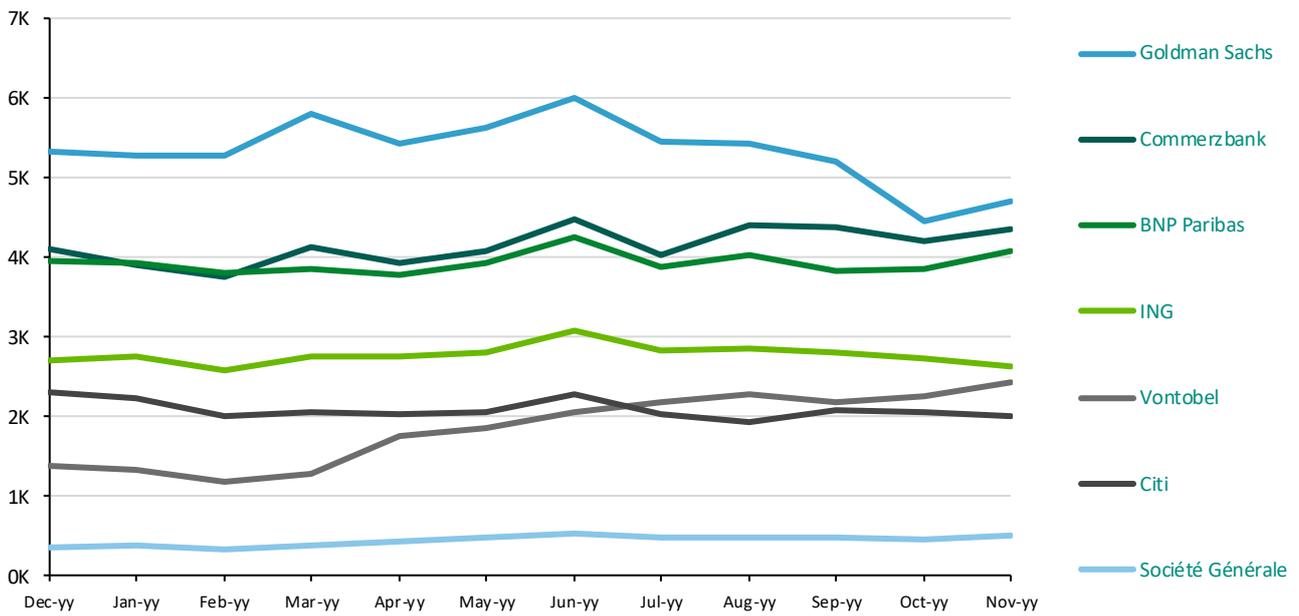
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ISSUERS

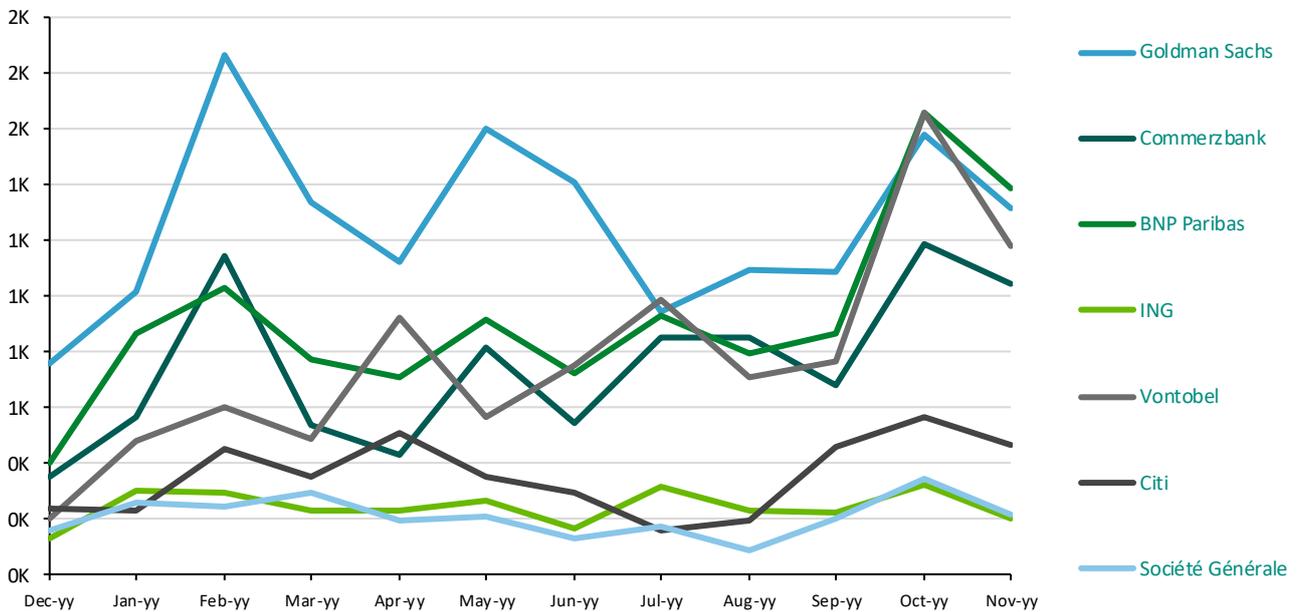
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Amsterdam.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Amsterdam.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

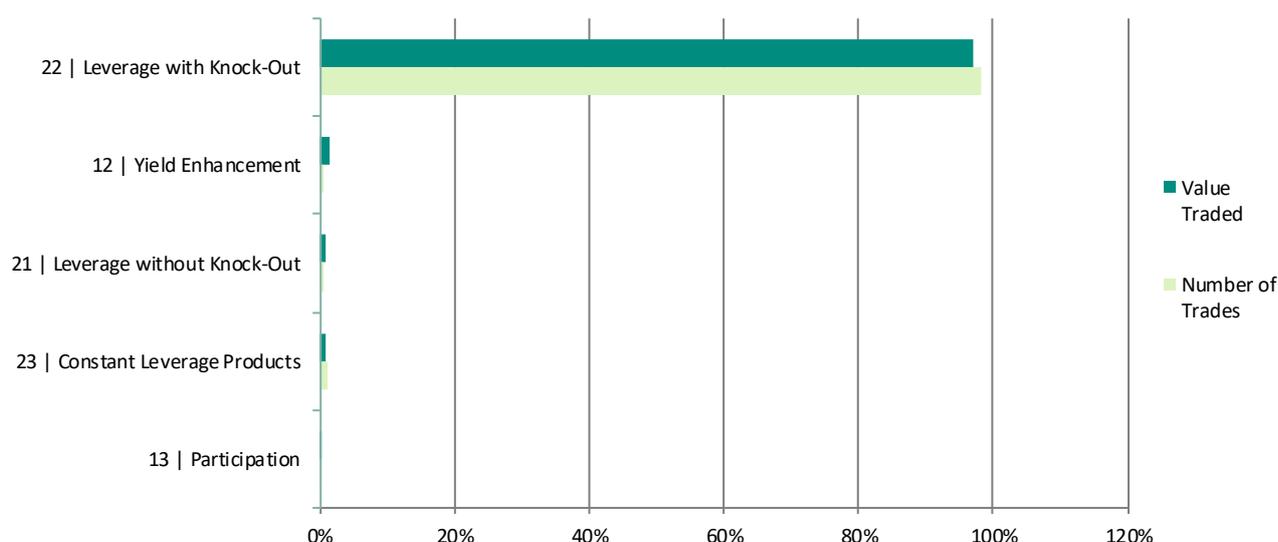
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	22,864	0.9%	6.4%	97.0%	7,498	-5.7%	6.0%	98.1%
12 Yield Enhancement	337	26%	26%	1.4%	29	15.6%	30%	0.4%
21 Leverage without Knock-Out	181	-48%	-86%	0.8%	29	-53%	-77%	0.4%
23 Constant Leverage Products	160	-39%	42%	0.7%	83	13.4%	109%	1.1%
13 Participation	20	-52%	-56%	0.1%	4.8	-25%	-42%	0.1%
Total	23,562	-0.1%	1.4%	100%	7,643	-5.9%	5.1%	100%

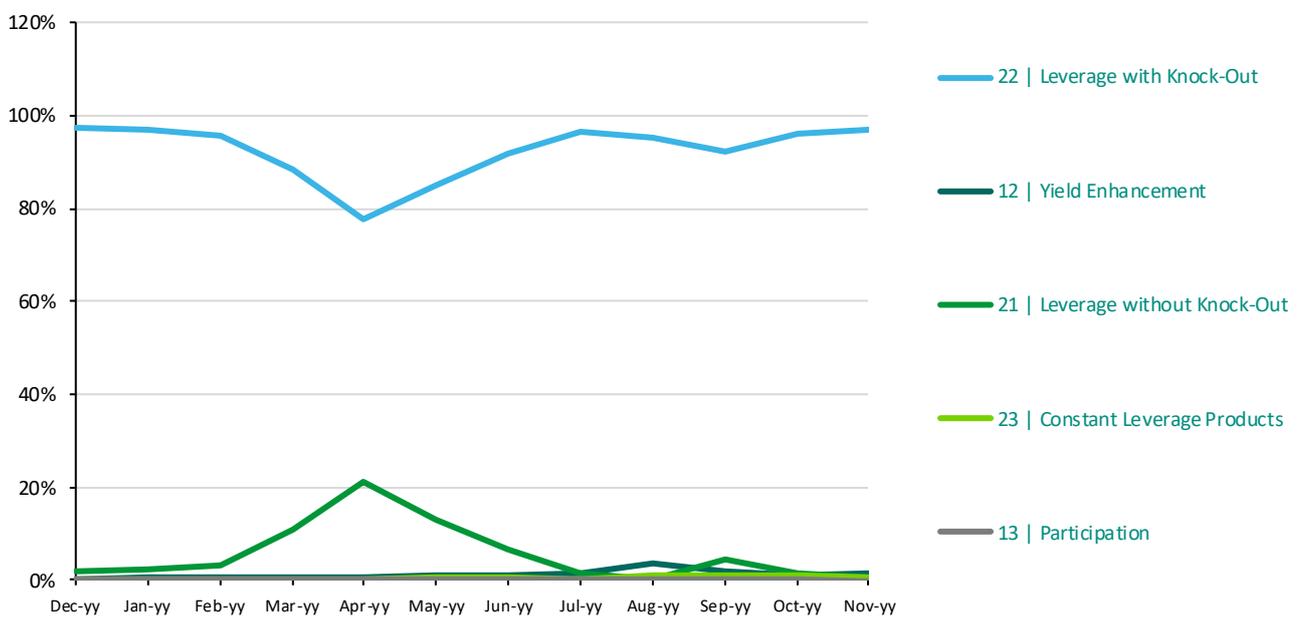
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

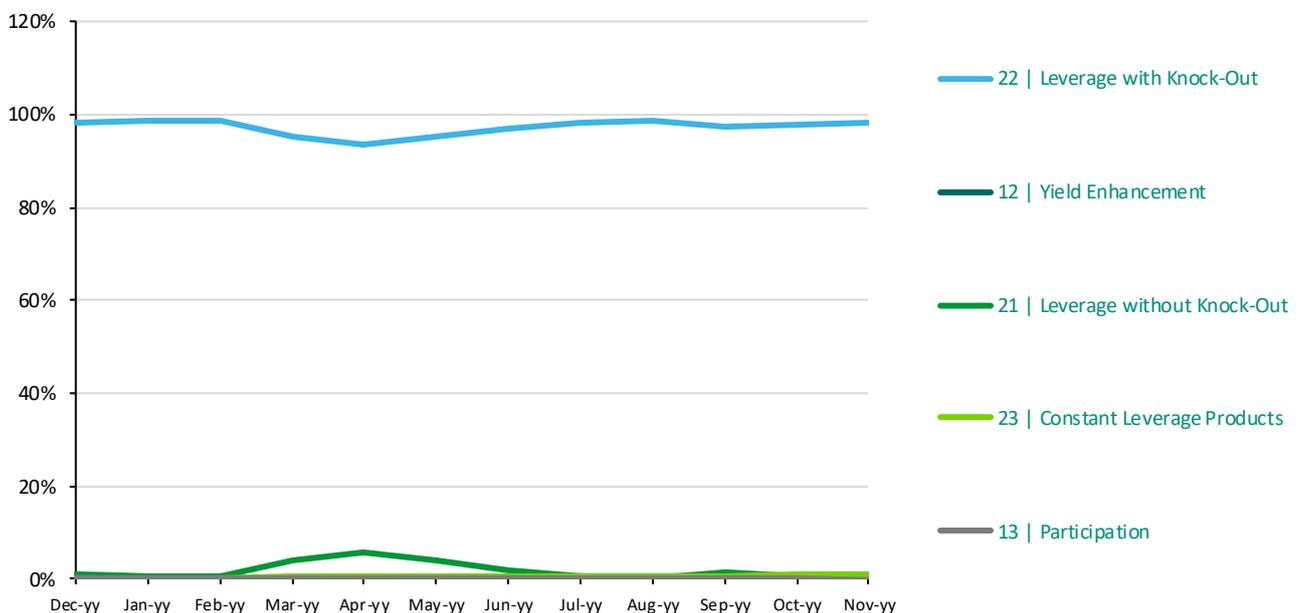
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Amsterdam.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

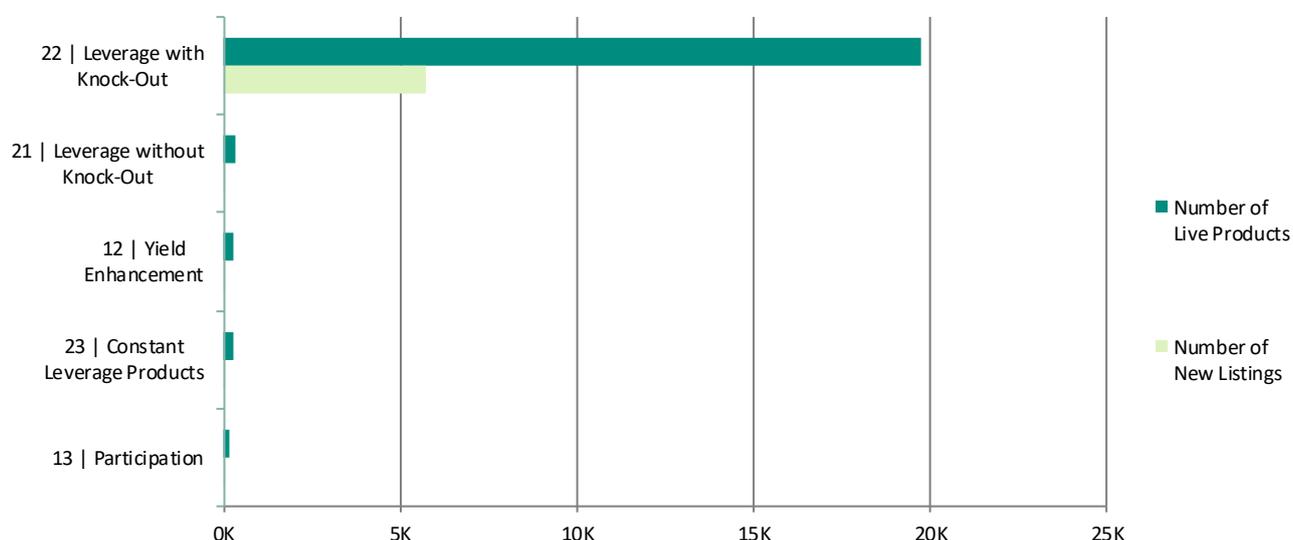
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	19,735	3.5%	-0.1%	95.2%	5,732	-19.7%	29%	98.7%
21 Leverage without Knock-Out	307	9.2%	5.8%	1.5%	28	-55%	-41%	0.5%
12 Yield Enhancement	274	7.5%	64%	1.3%	30	-65%	31%	0.5%
23 Constant Leverage Products	273	4.1%	14.7%	1.3%	9	-10.0%	69%	0.2%
13 Participation	138	-6.4%	8.4%	0.7%	10	-58%	46%	0.2%
Total	20,733	3.6%	0.8%	100%	5,809	-20.6%	28.5%	100%

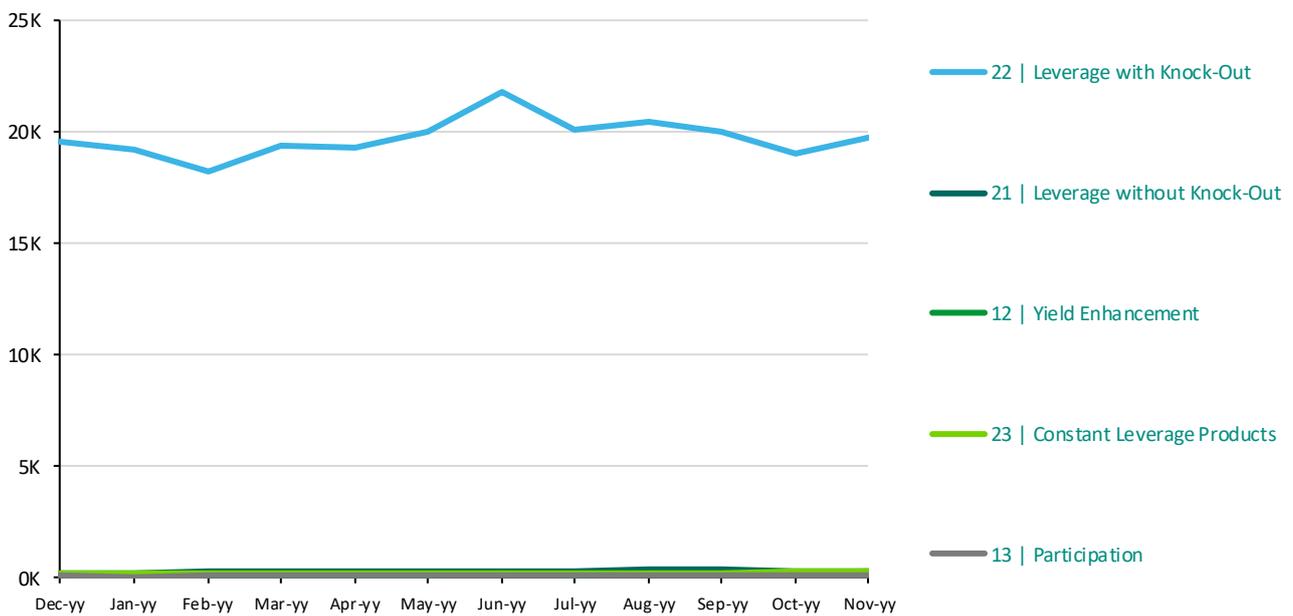
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

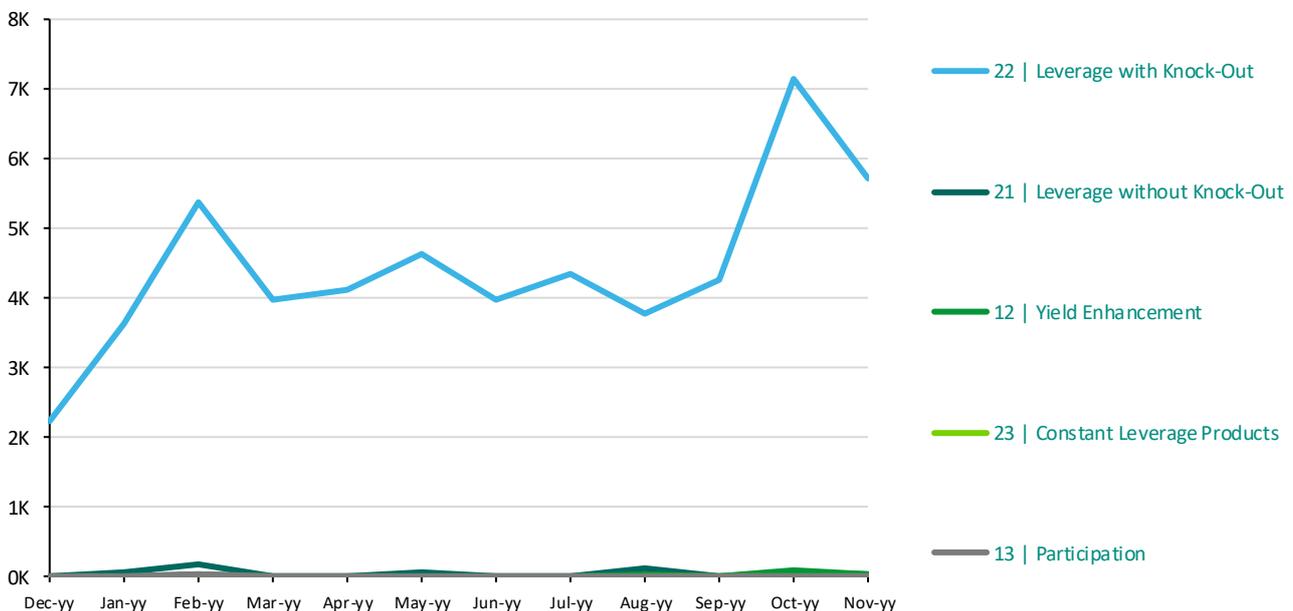
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Amsterdam.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Amsterdam.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

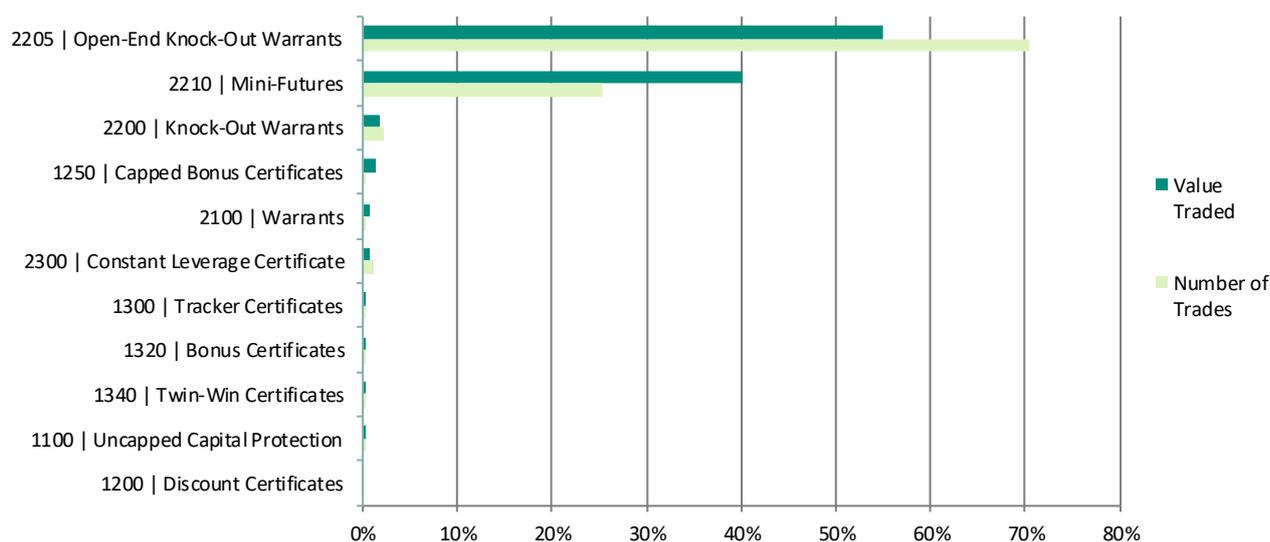
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	12,971	8.3%	12.2%	55.1%	5,389	-3.5%	11.3%	70.5%
2210 Mini-Futures	9,481	-5.9%	3.1%	40.2%	1,932	-6.6%	-1.3%	25.3%
2200 Knock-Out Warrants	412	-32%	-43%	1.7%	176	-41%	-36%	2.3%
1250 Capped Bonus Certificates	337	26%	26%	1.4%	29	15.6%	30%	0.4%
2100 Warrants	181	-48%	-86%	0.8%	29	-53%	-77%	0.4%
2300 Constant Leverage Certificate	160	-39%	42%	0.7%	83	13.4%	109%	1.1%
1300 Tracker Certificates	13	-52%	-57%	0.1%	1.3	-64%	-62%	0.0%
1320 Bonus Certificates	5	-66%	-67%	0.0%	2.6	1.0%	-42%	0.0%
1340 Twin-Win Certificates	2	238%	66%	0.0%	0.9	397%	143%	0.0%
1100 Uncapped Capital Protection	1	-27%	-69%	0.0%	0.1	-58%	-87%	0.0%
1200 Discount Certificates	0			0.0%	0.0			0.0%
Total	23,562	-0.1%	1.4%	100%	7,643	-5.9%	5.1%	100%

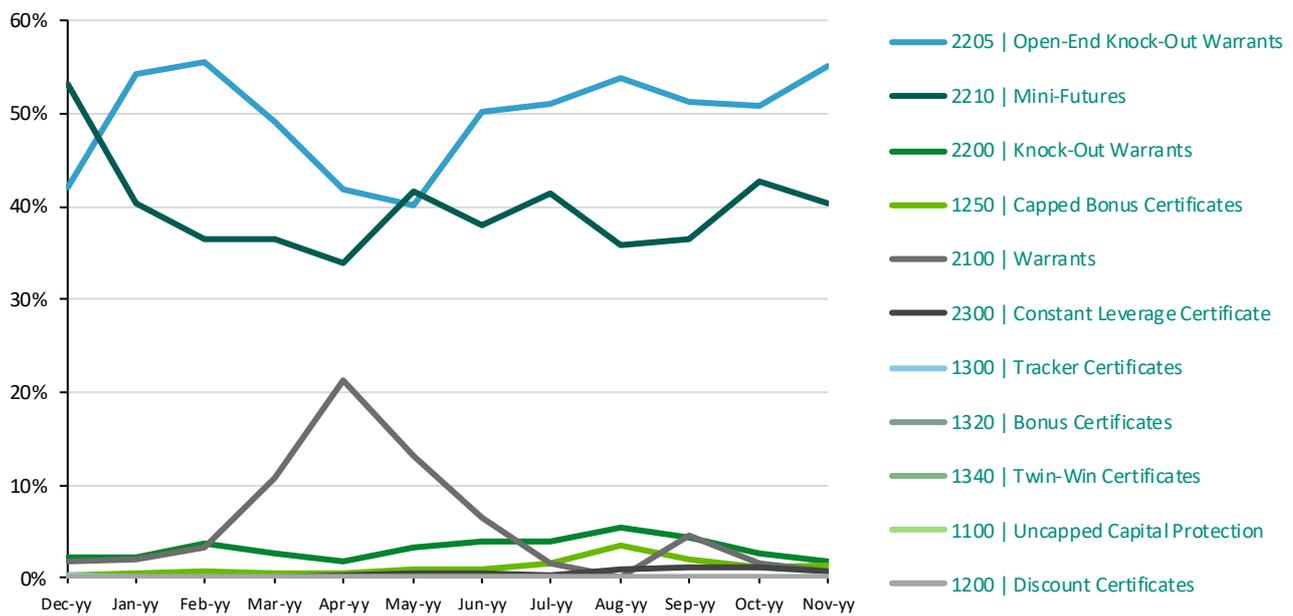
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

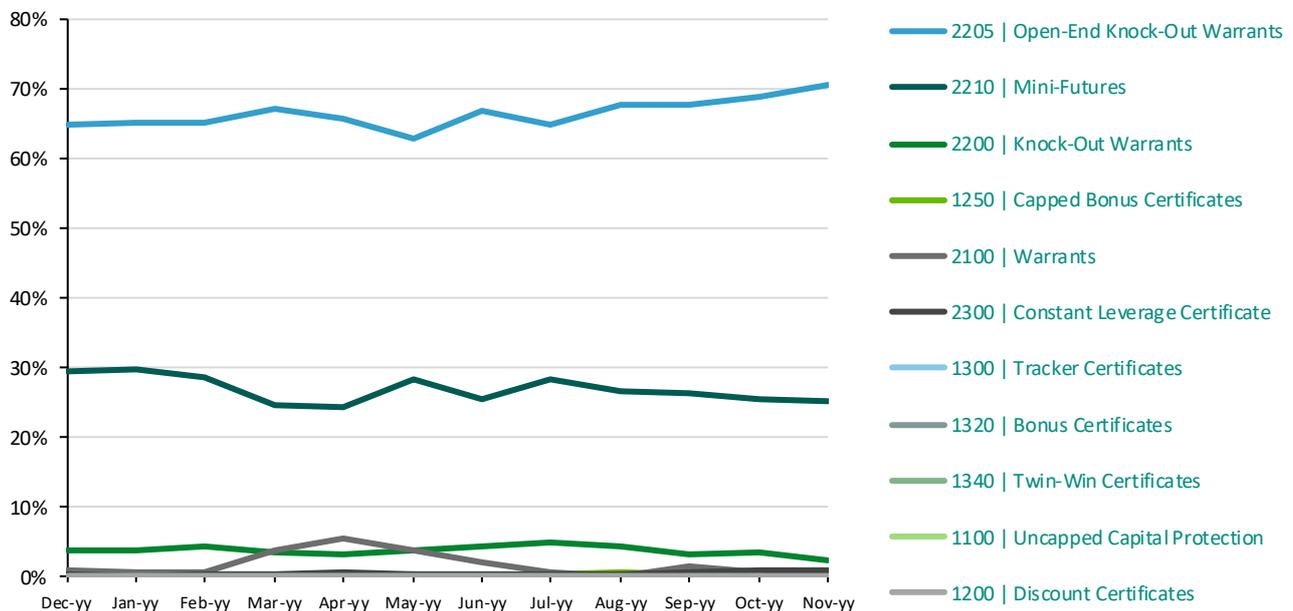
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Amsterdam.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

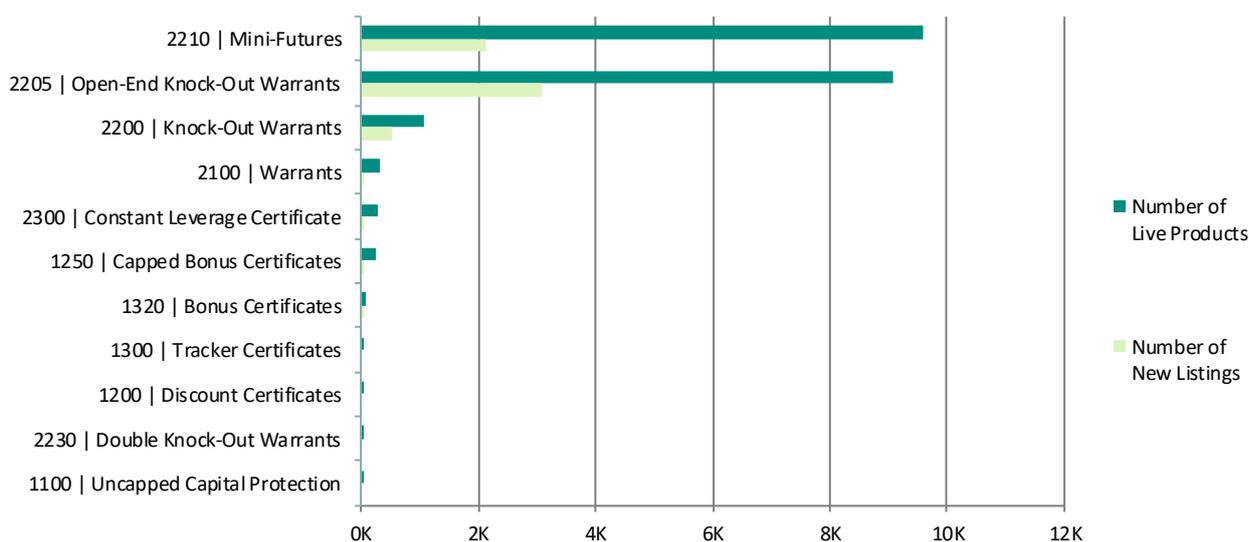
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2210 Mini-Futures	9,578	0.3%	-5.8%	46.2%	2,123	-12.9%	17.3%	36.5%
2205 Open-End Knock-Out Warrants	9,067	5.5%	4.7%	43.7%	3,097	-19.5%	43%	53.3%
2200 Knock-Out Warrants	1,082	17.6%	18.5%	5.2%	512	-39%	12.1%	8.8%
2100 Warrants	307	9.2%	5.9%	1.5%	28	-55%	-41%	0.5%
2300 Constant Leverage Certificate	273	4.1%	14.7%	1.3%	9	-10.0%	69%	0.2%
1250 Capped Bonus Certificates	265	10.0%	66%	1.3%	30	-65%	35%	0.5%
1320 Bonus Certificates	78	-10.8%	22%	0.4%	10	-58%	46%	0.2%
1300 Tracker Certificates	59	0.0%	-3.3%	0.3%	0			0.0%
1200 Discount Certificates	9	-37%	7.9%	0.0%	0		-100%	0.0%
2230 Double Knock-Out Warrants	8	24%	565%	0.0%	0	-100%	-100%	0.0%
1100 Uncapped Capital Protection	7	0.0%	-0.4%	0.0%	0			0.0%
Total	20,733	3.6%	0.8%	100%	5,809	-20.6%	28.5%	100%

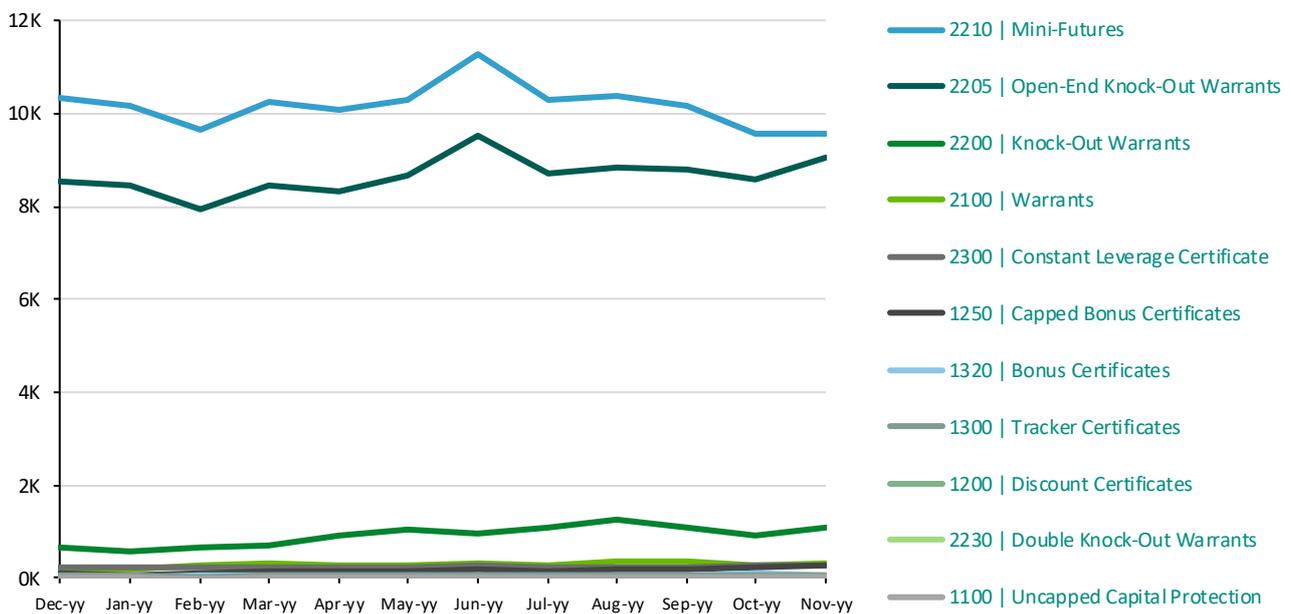
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

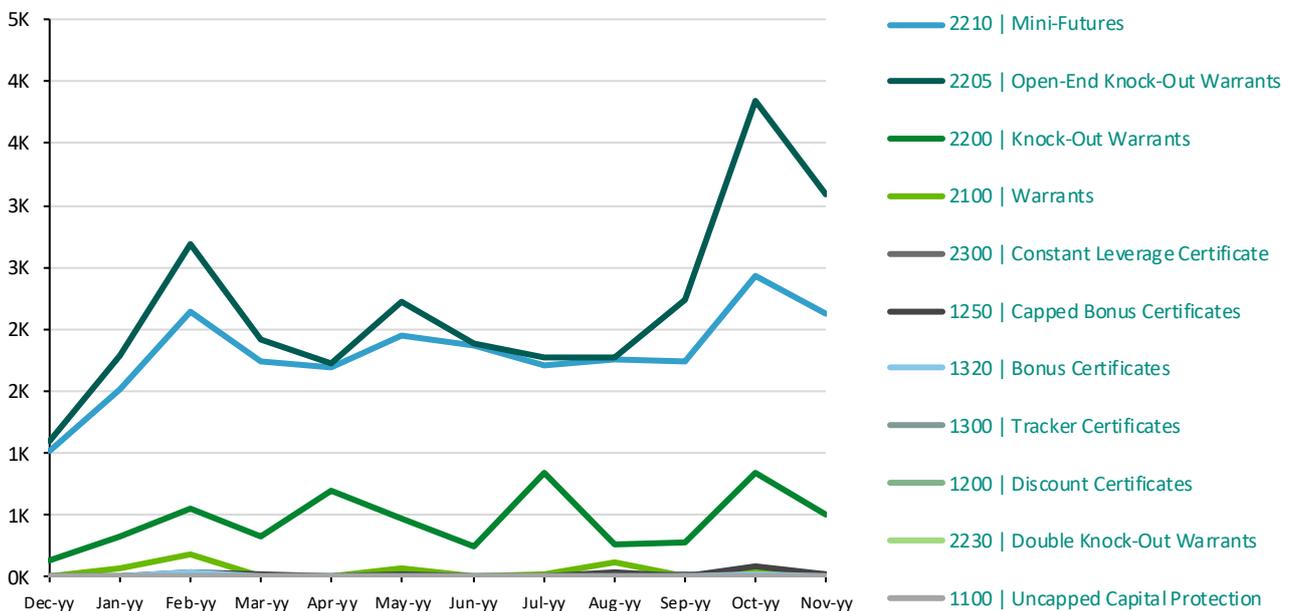
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Amsterdam.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Amsterdam.



PRODUCT STRATEGIES

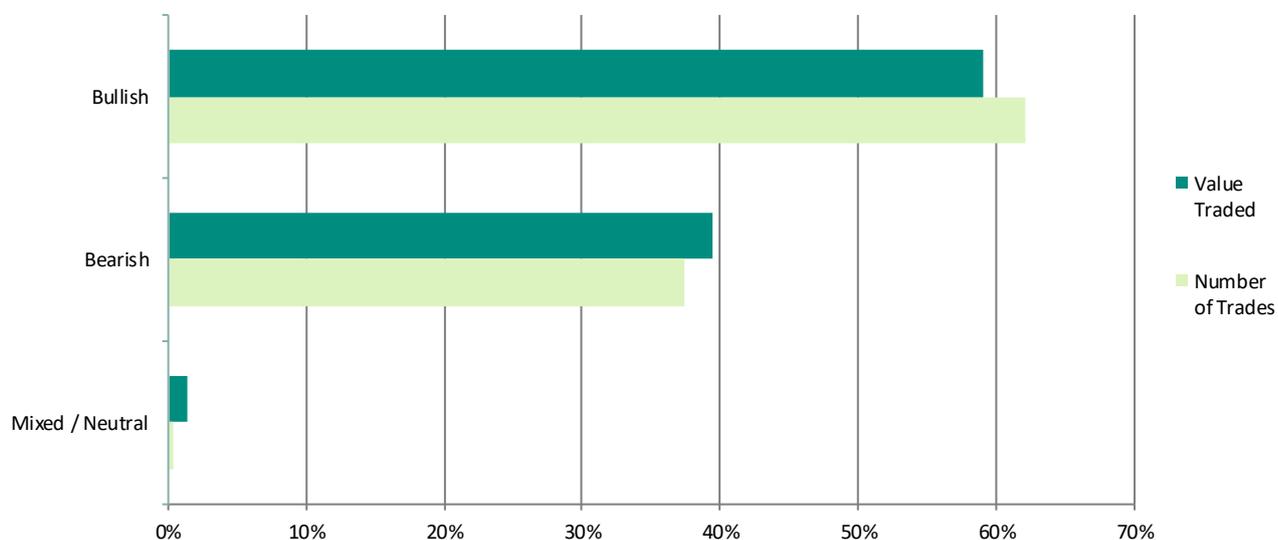
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	13,911	-8.4%	-11.8%	59.0%	4,750	-14.7%	-3.2%	62.1%
Bearish	9,314	14.6%	29%	39.5%	2,864	13.5%	22%	37.5%
Mixed / Neutral	337	26%	26%	1.4%	29	15.6%	30%	0.4%
Total	23,562	-0.1%	1.4%	100%	7,643	-5.9%	5.1%	100%

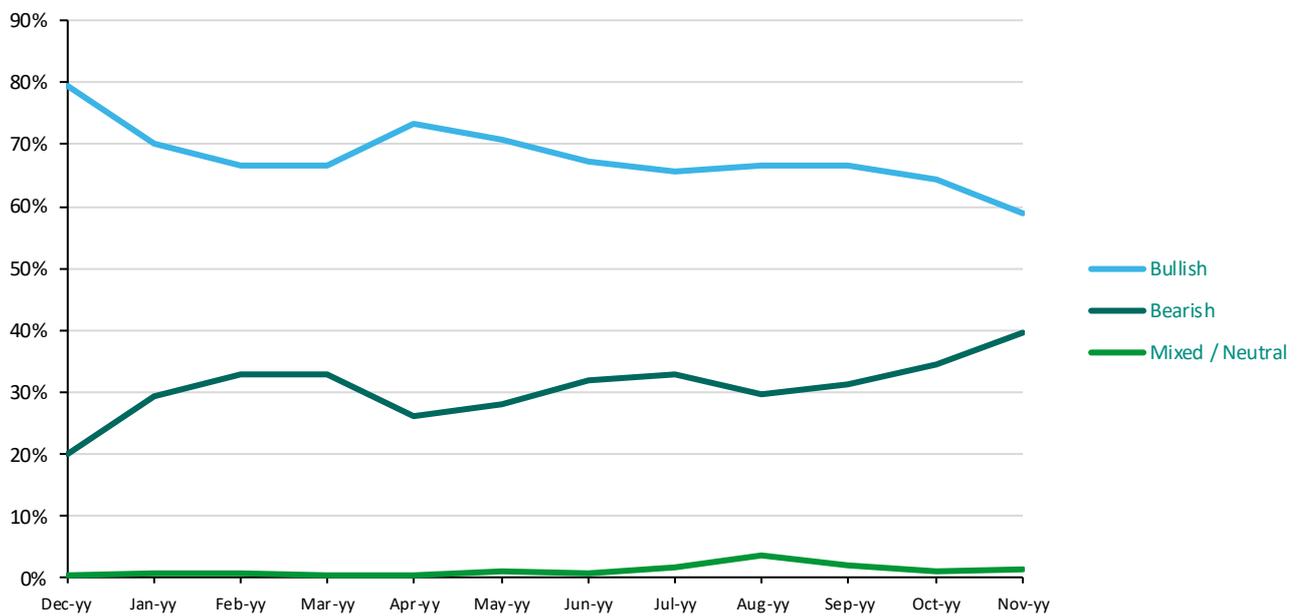
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PRODUCT STRATEGIES

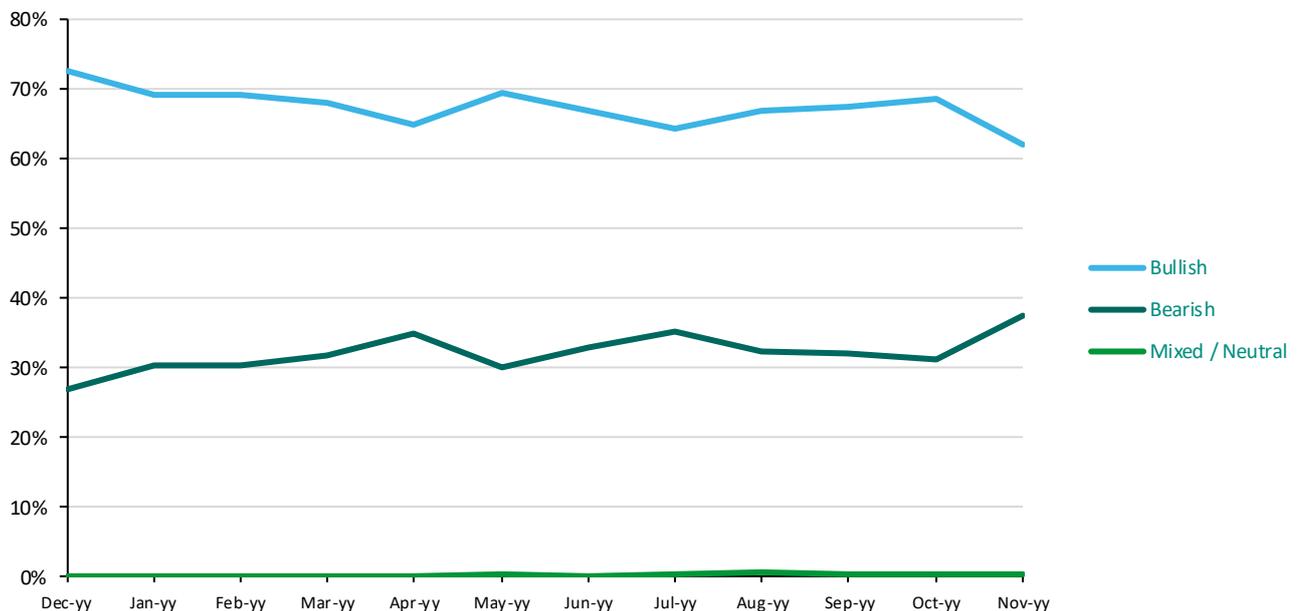
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Amsterdam.



PRODUCT STRATEGIES

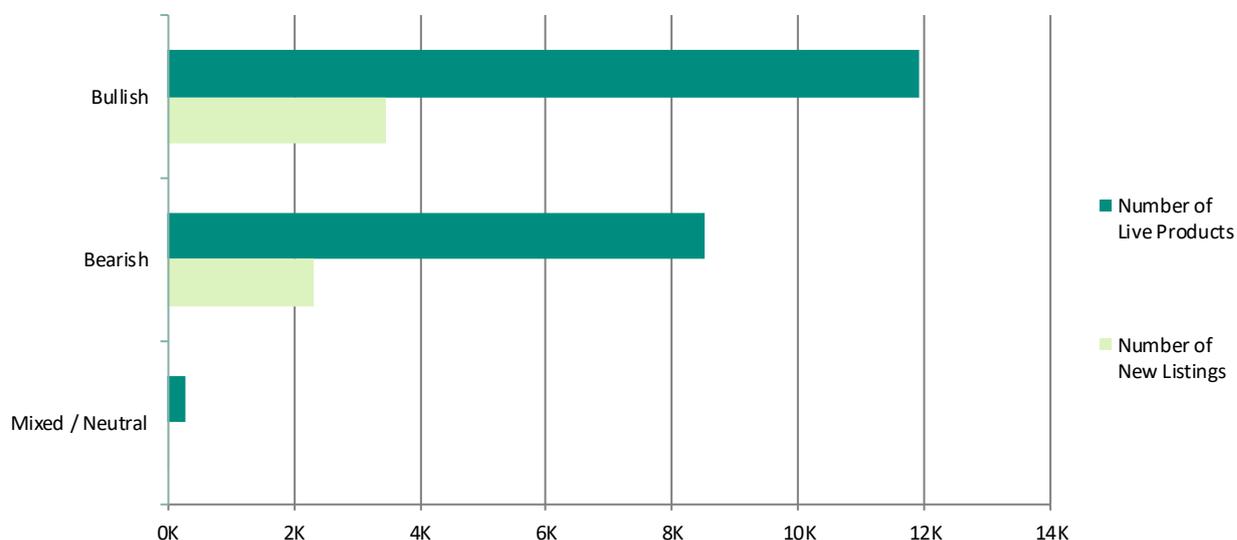
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	11,922	-1.9%	-12.7%	57.5%	3,474	1.0%	42%	59.8%
Bearish	8,528	12.1%	26%	41.1%	2,305	-39%	12.3%	39.7%
Mixed / Neutral	283	7.9%	65%	1.4%	30	-69%	26%	0.5%
Total	20,733	3.6%	0.8%	100%	5,809	-20.6%	28.5%	100%

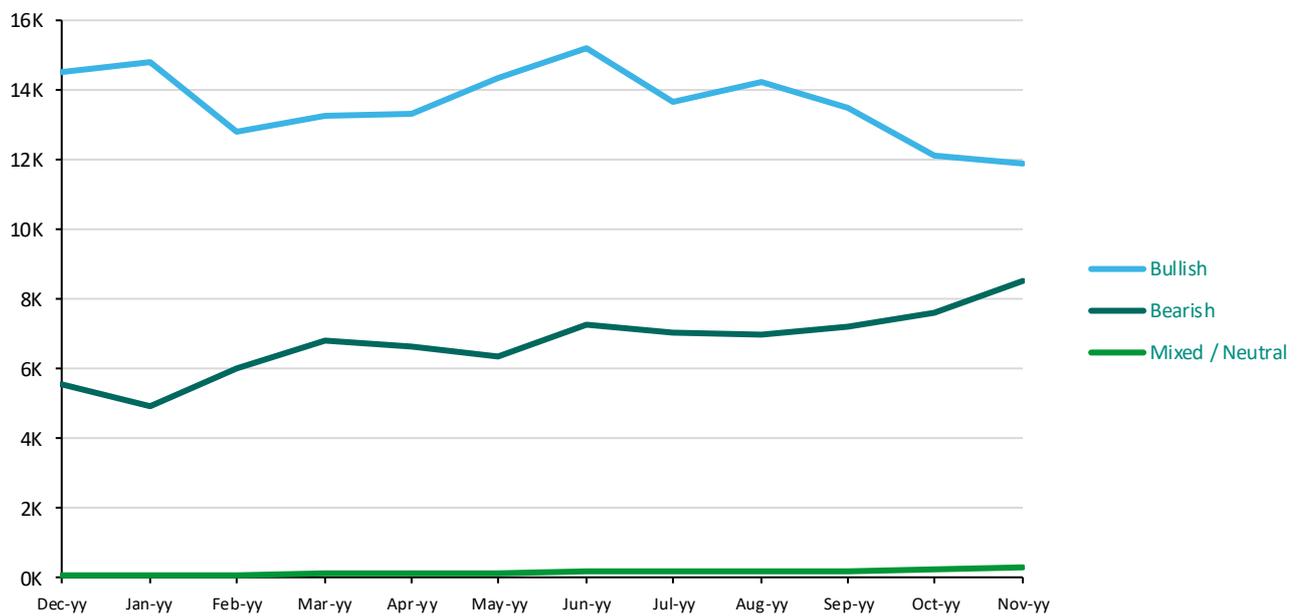
(Source Euronext)



PRODUCT STRATEGIES

Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Amsterdam.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Amsterdam.



UNDERLYING TYPES

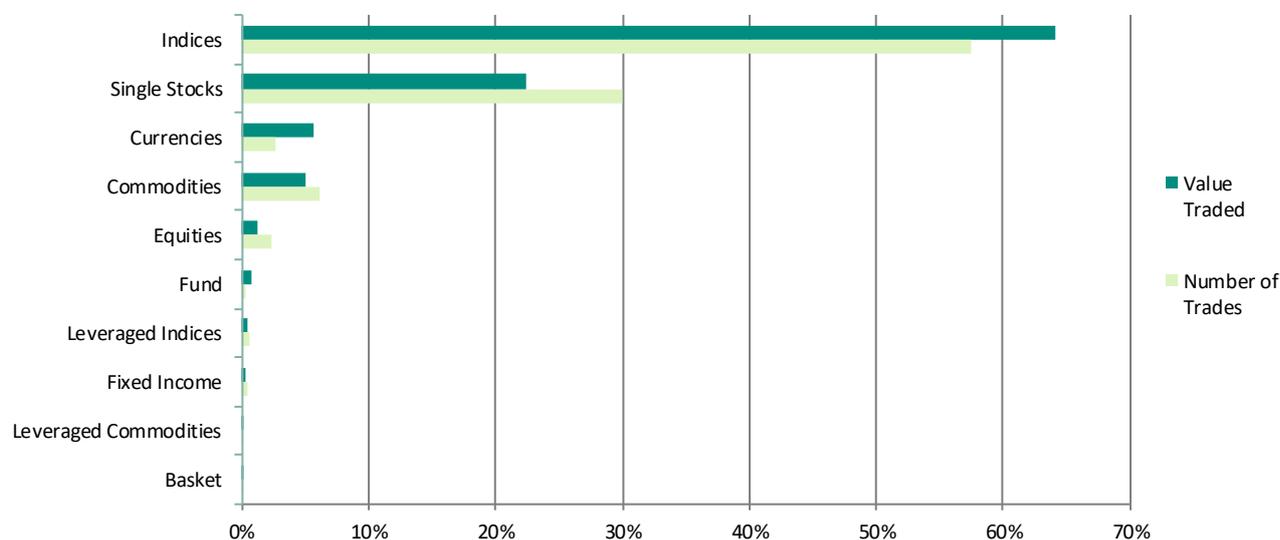
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Amsterdam.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	15,116	5.6%	25%	64.2%	4,391	-6.0%	18.7%	57.4%
Single Stocks	5,268	-14.1%	-18.8%	22.4%	2,295	-9.6%	-9.7%	30.0%
Currencies	1,317	86%	-18.6%	5.6%	205	12.2%	-28%	2.7%
Commodities	1,196	-15.1%	-3.3%	5.1%	467	25%	15.6%	6.1%
Equities	295	-34%	1.5%	1.3%	174	-15.3%	6.5%	2.3%
Fund	177	-49%	-87%	0.8%	26	-57%	-79%	0.3%
Leveraged Indices	87	-19.5%	68%	0.4%	44	-5.9%	124%	0.6%
Fixed Income	81	-6.1%	15.4%	0.3%	30	0.6%	11.6%	0.4%
Leveraged Commodities	12	-58%	-0.4%	0.1%	12	46%	73%	0.2%
Basket	12	-12.5%	-16.0%	0.1%	1.0	-14.8%	-33%	0.0%
Total	23,562	-0.1%	1.4%	100%	7,643	-5.9%	5.1%	100%

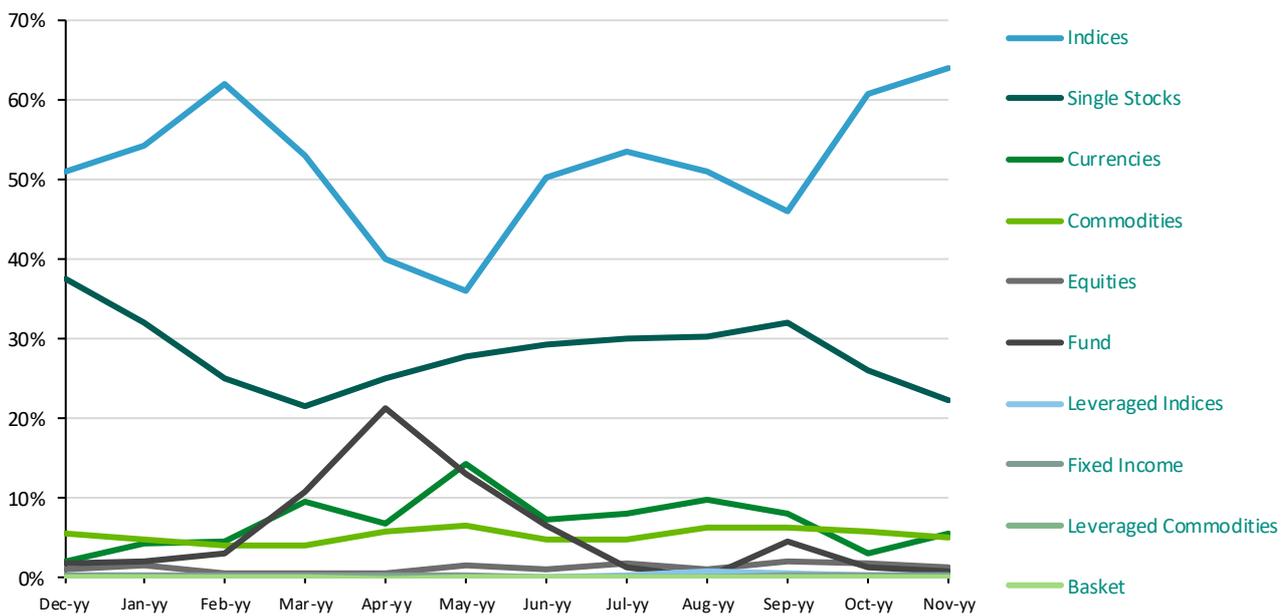
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UNDERLYING TYPES

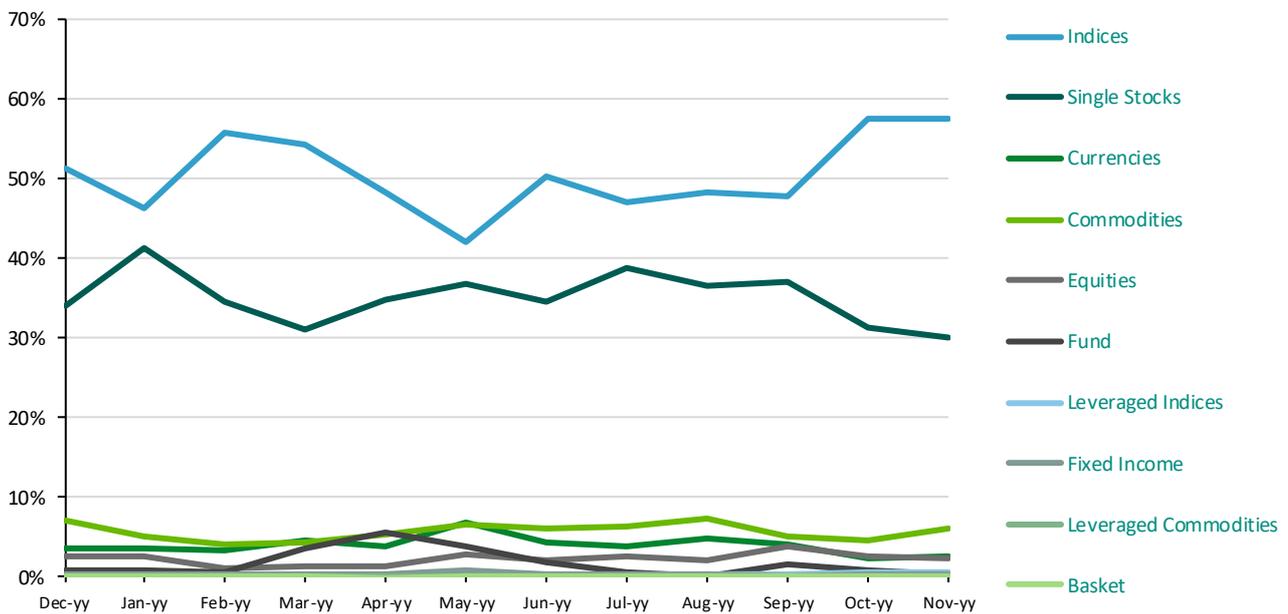
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Euronext Amsterdam.



UNDERLYING TYPES

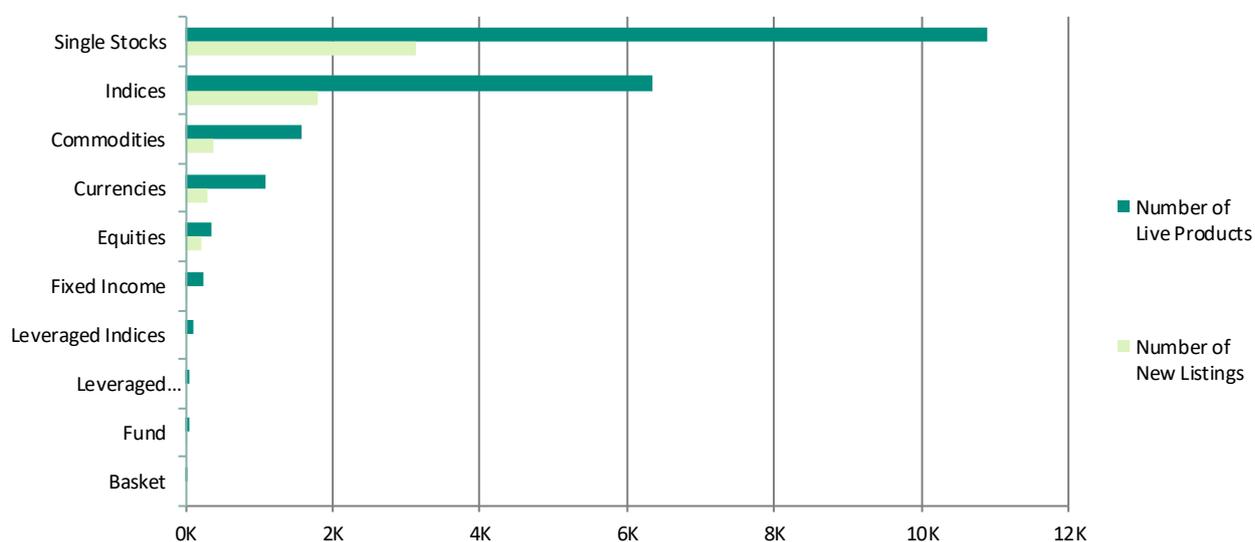
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	10,910	3.0%	5.7%	52.6%	3,119	-15.8%	47%	53.7%
Indices	6,335	5.3%	-7.9%	30.6%	1,784	-34%	0.7%	30.7%
Commodities	1,566	-1.6%	2.4%	7.6%	383	13.6%	49%	6.6%
Currencies	1,084	10.5%	-2.8%	5.2%	306	-7.8%	28%	5.3%
Equities	352	-1.2%	29%	1.7%	212	-10.5%	70%	3.6%
Fixed Income	247	1.3%	3.4%	1.2%	3	-84%	-71%	0.1%
Leveraged Indices	108	0.6%	6.8%	0.5%	0		-100%	0.0%
Leveraged Commodities	59	-3.6%	6.1%	0.3%	0		-100%	0.0%
Fund	57	4.0%	30%	0.3%	2	-33%	-20.0%	0.0%
Basket	14	-1.4%	-4.5%	0.1%	0			0.0%
Total	20,733	3.6%	0.8%	100%	5,809	-20.6%	28.5%	100%

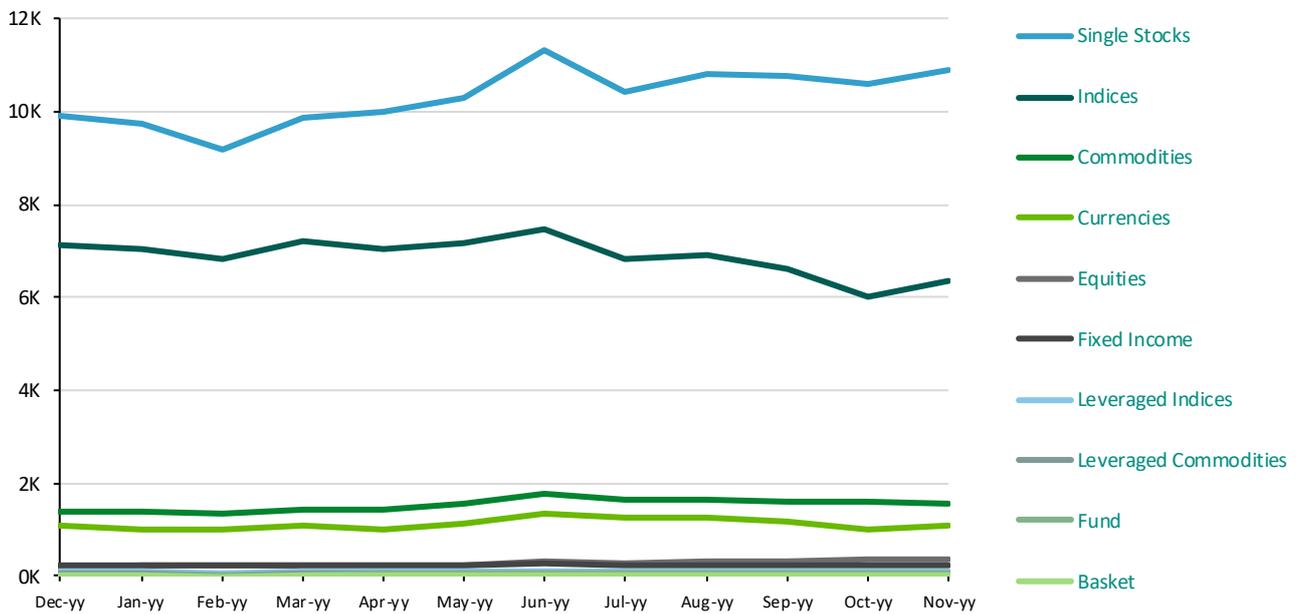
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UNDERLYING TYPES

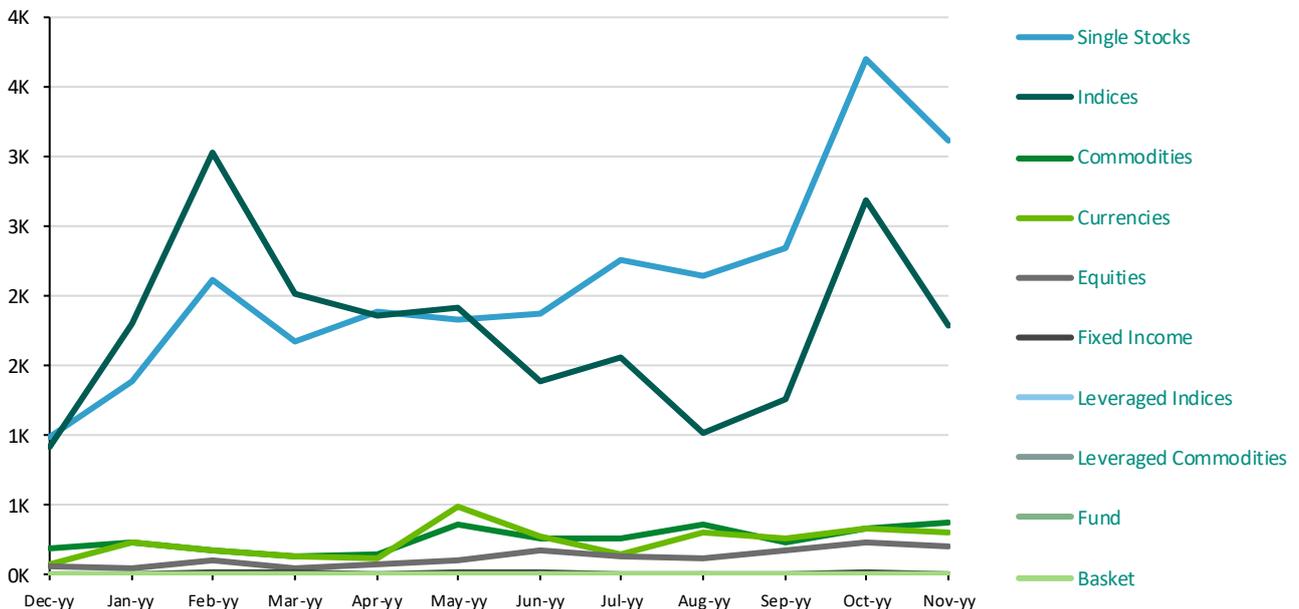
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Amsterdam.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Amsterdam.



TOP 10 UNDERLYING COUNTRIES

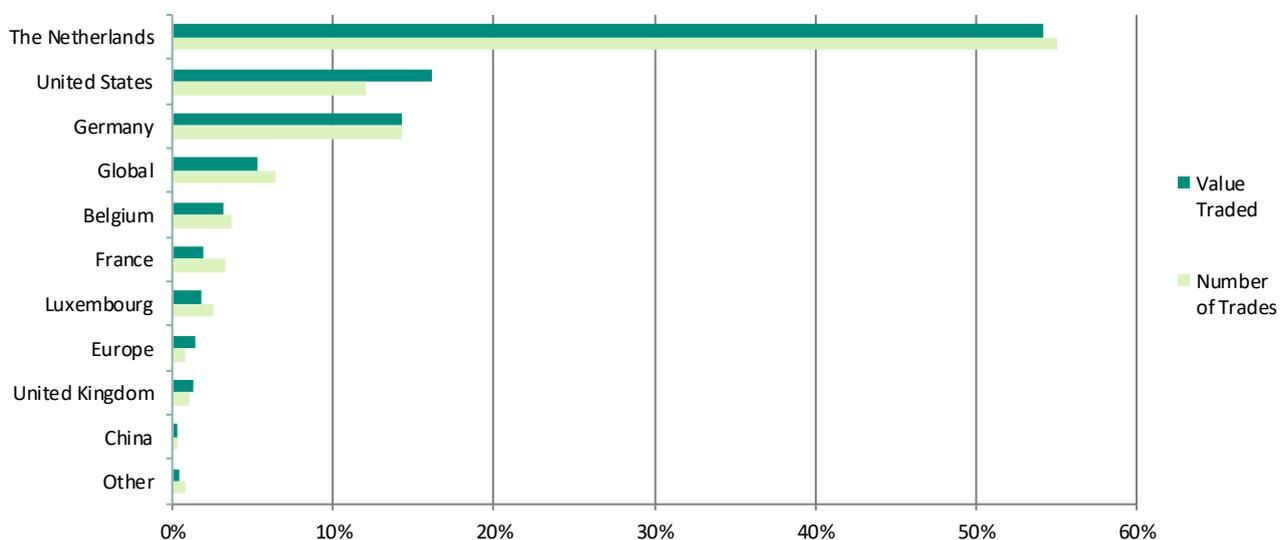
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Amsterdam.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	12,782	-1.4%	11.3%	54.3%	4,214	-8.8%	7.6%	55.1%
United States	3,814	31%	9.4%	16.2%	918	-5.2%	5.7%	12.0%
Germany	3,373	15.1%	16.0%	14.3%	1,085	8.0%	21%	14.2%
Global	1,242	-24%	-9.0%	5.3%	492	15.8%	10.6%	6.4%
Belgium	736	-4.1%	-17.3%	3.1%	274	-18.0%	-18.6%	3.6%
France	437	-38%	-17.8%	1.9%	253	-17.2%	-1.3%	3.3%
Luxembourg	409	35%	-7.7%	1.7%	193	23%	-4.6%	2.5%
Europe	325	-46%	-79%	1.4%	55	-41%	-63%	0.7%
United Kingdom	287	-29%	-13.2%	1.2%	75	-14.5%	-24%	1.0%
China	54	69%		0.2%	23	75%		0.3%
Other	103	-70%	-63%	0.4%	61	-45%	-40%	0.8%
Total	23,562	-0.1%	1.4%	100%	7,643	-5.9%	5.1%	100%

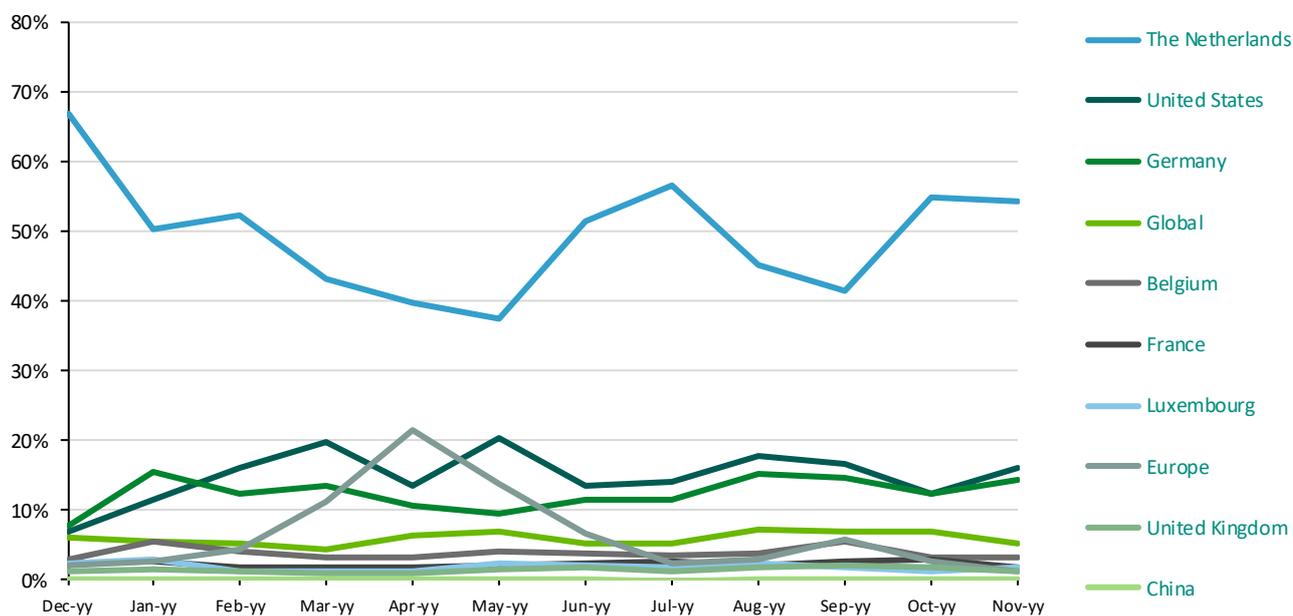
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

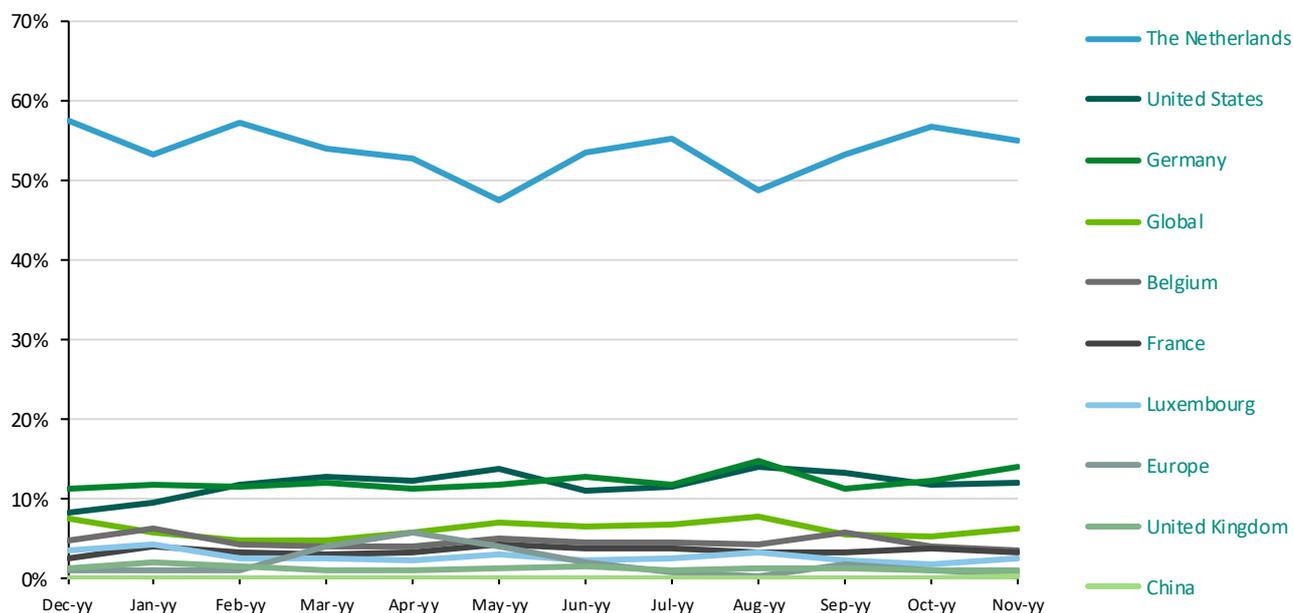
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Euronext Amsterdam.



TOP 10 UNDERLYING COUNTRIES

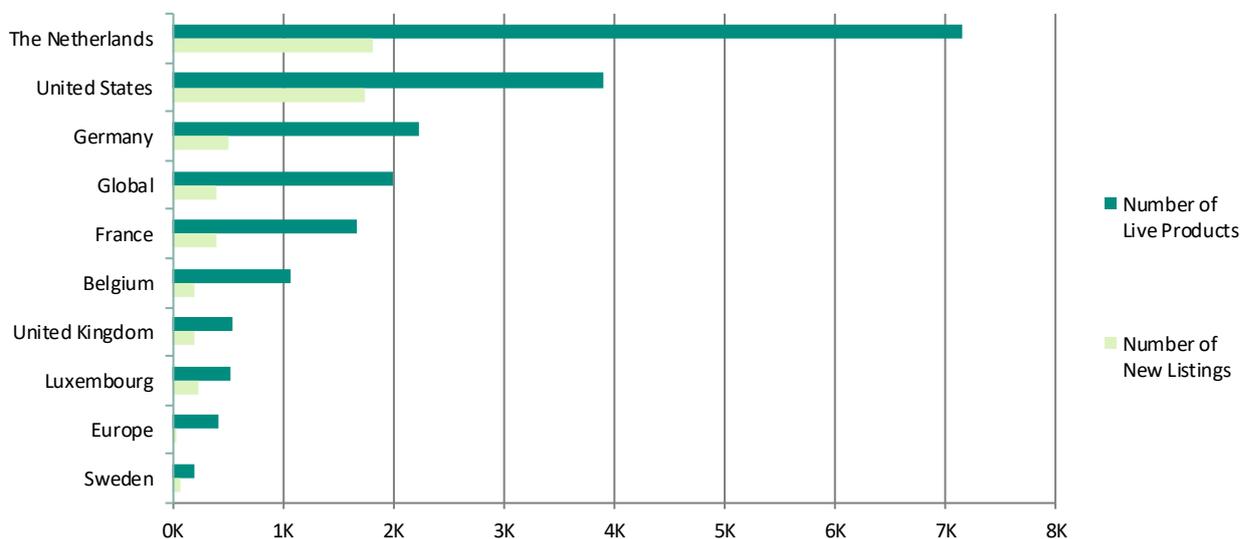
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	7,160	2.8%	-1.5%	34.5%	1,812	-33%	17.0%	31.2%
United States	3,906	7.3%	7.7%	18.8%	1,741	2.2%	66%	30.0%
Germany	2,226	7.6%	-11.4%	10.7%	506	-33%	-15.9%	8.7%
Global	1,994	-1.6%	2.7%	9.6%	390	-9.7%	26%	6.7%
France	1,667	2.1%	-1.1%	8.0%	401	-26%	17.0%	6.9%
Belgium	1,064	2.8%	6.9%	5.1%	201	-40%	15.0%	3.5%
United Kingdom	546	4.1%	8.5%	2.6%	200	17.6%	98%	3.4%
Luxembourg	518	-1.2%	-1.4%	2.5%	233	-0.9%	46%	4.0%
Europe	412	0.8%	7.1%	2.0%	40	-41%	10.1%	0.7%
Sweden	197	5.1%	18.0%	1.0%	71	12.7%	92%	1.2%
Other	1,042	3.0%	8.4%	5.0%	214	-27%	31%	3.7%
Total	20,733	3.6%	0.8%	100%	5,809	-20.6%	28.5%	100%

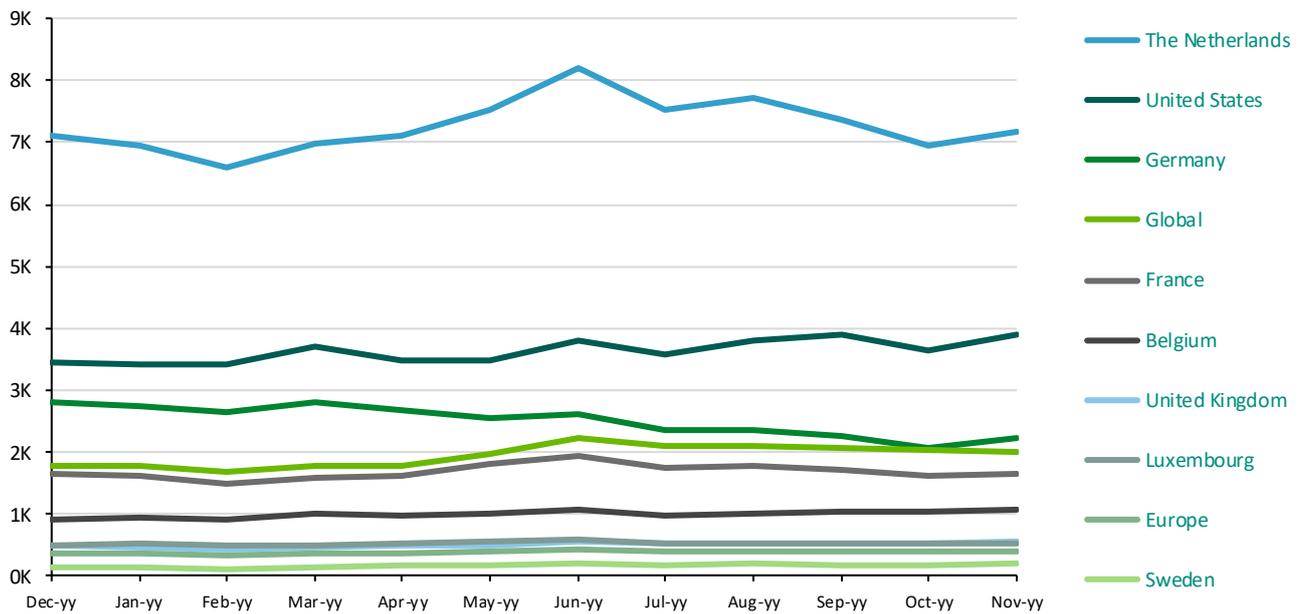
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

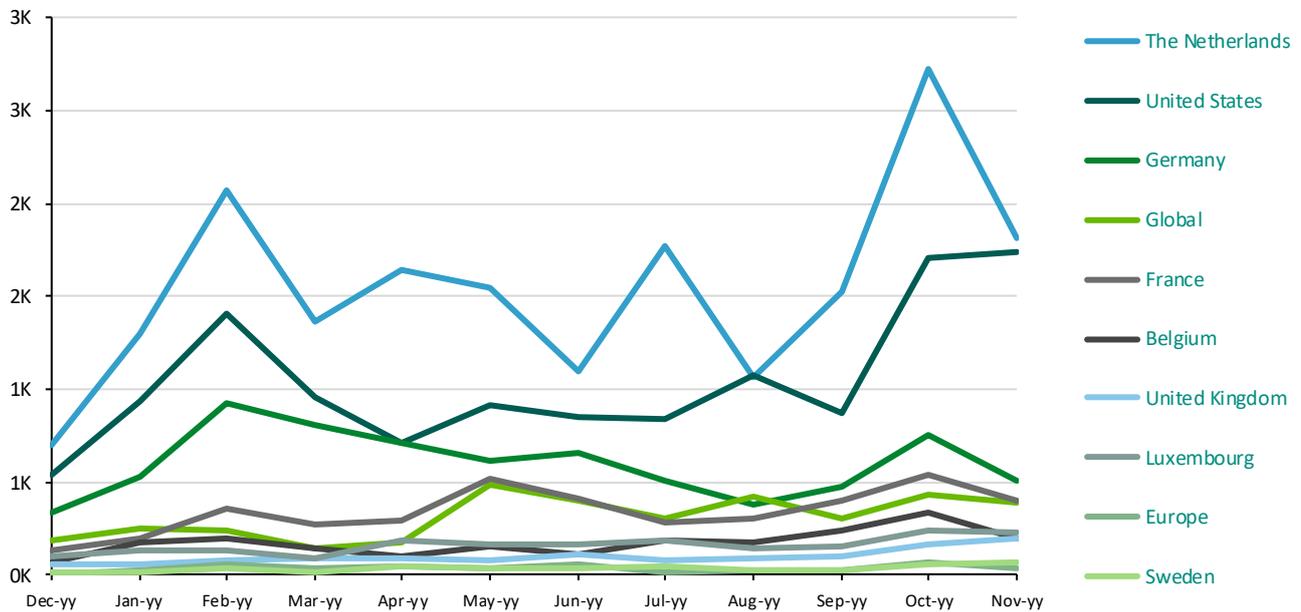
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Amsterdam.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Amsterdam.



TOP 10 UNDERLYINGS

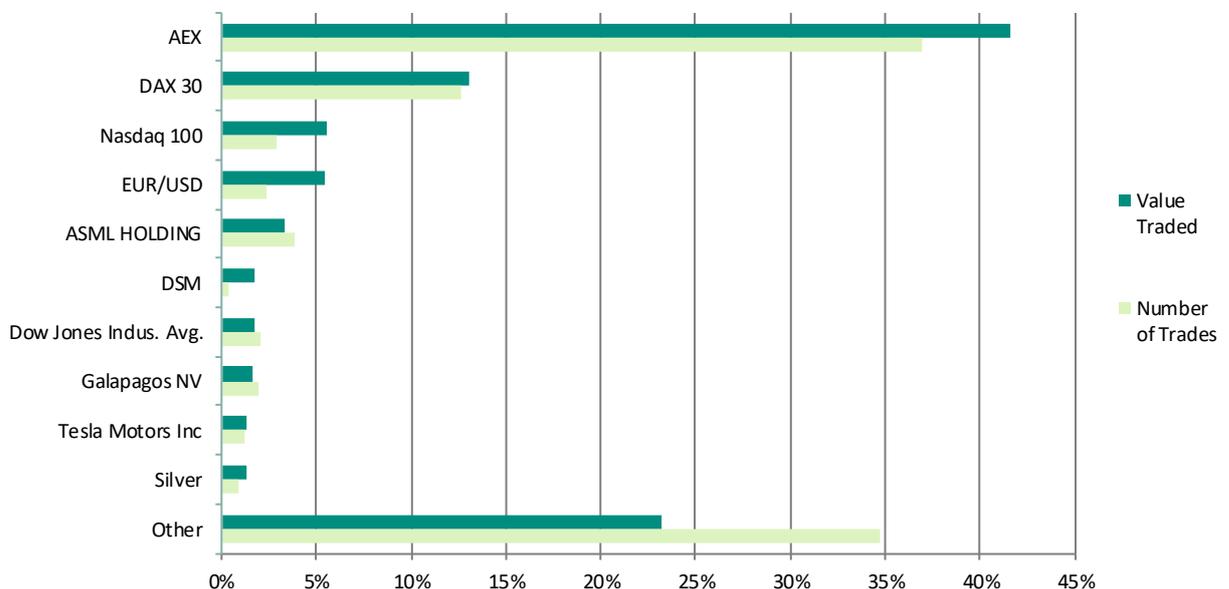
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	9,806	4.8%	30%	41.6%	2,823	-9.8%	18.2%	36.9%
DAX 30	3,086	15.6%	19.3%	13.1%	969	9.0%	26%	12.7%
Nasdaq 100	1,317	59%	176%	5.6%	224	11.2%	59%	2.9%
EUR/USD	1,293	91%	-15.6%	5.5%	183	11.7%	-29%	2.4%
ASML HOLDING	782	-2.3%	-4.0%	3.3%	291	6.9%	26%	3.8%
DSM	409	-21%	133%	1.7%	30	-33%	-9.7%	0.4%
Dow Jones Indus. Avg.	401	0.0%	-45%	1.7%	159	-8.6%	-2.5%	2.1%
Galapagos NV	372	-3.6%	-24%	1.6%	148	-24%	-17.7%	1.9%
Tesla Motors Inc	317	-1.1%	61%	1.3%	92	-24%	10.8%	1.2%
Silver	313	51%	-3.4%	1.3%	68	-5.5%	-5.8%	0.9%
Other	5,467	-26%	-35%	23.2%	2,657	-7.0%	-10.0%	34.8%
Total	23,562	-0.1%	1.4%	100%	7,643	-5.9%	5.1%	100%

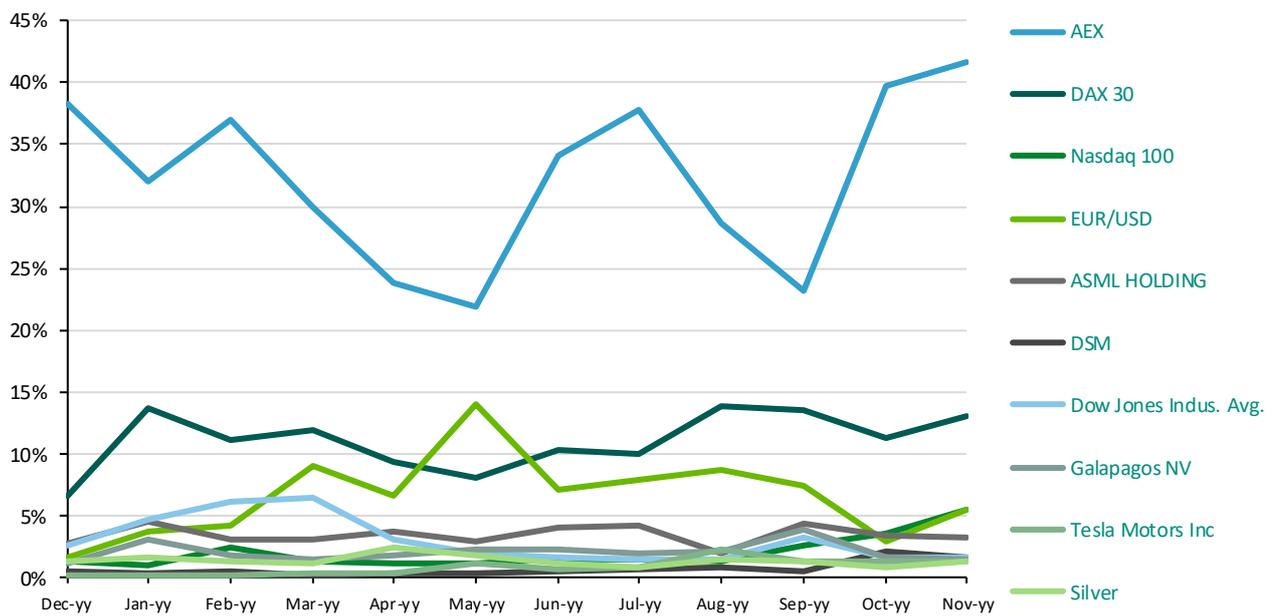
(Source Euronext)



TOP 10 UNDERLYINGS

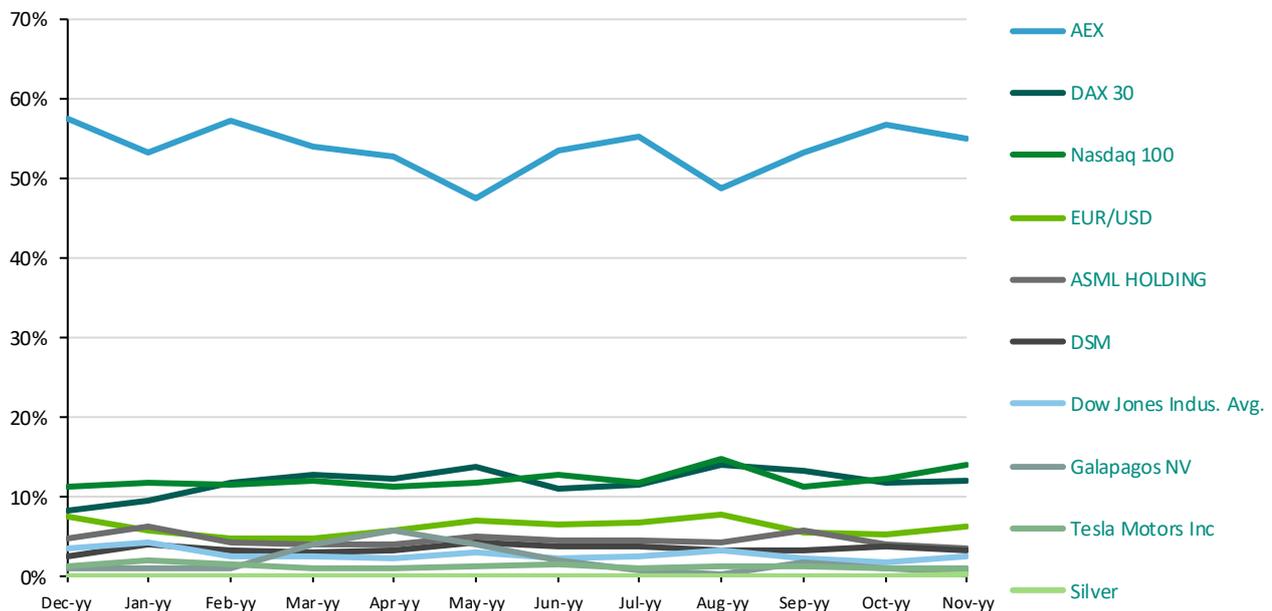
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Amsterdam.



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Amsterdam.



TOP 10 UNDERLYINGS

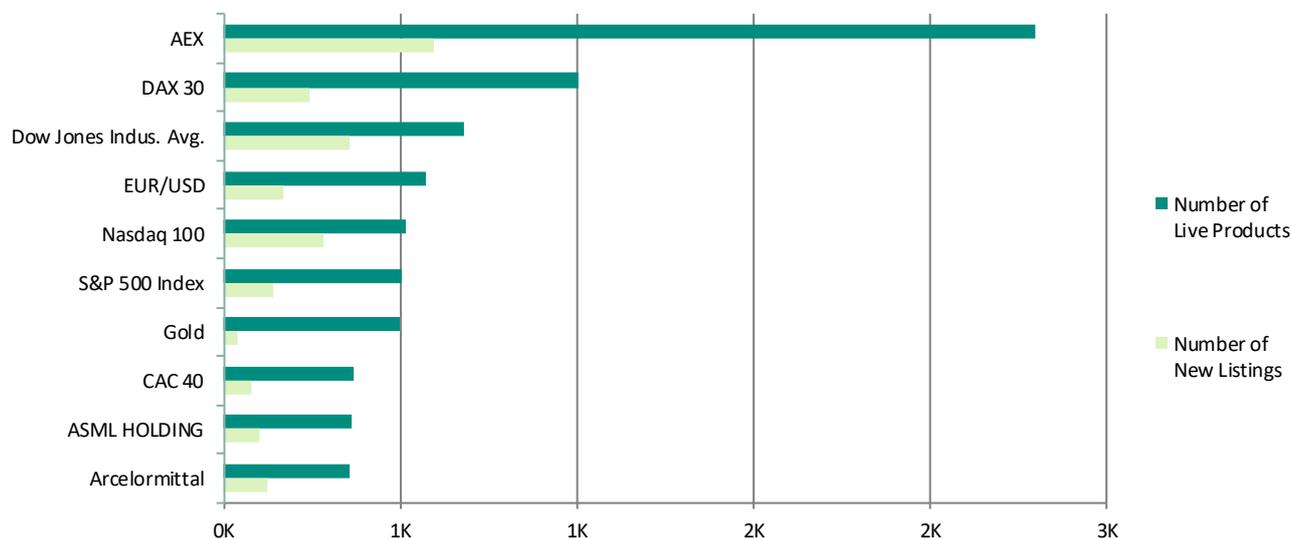
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Amsterdam for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	2,297	3.7%	-9.6%	11.1%	597	-46%	-4.7%	10.3%
DAX 30	1,003	14.1%	-19.5%	4.8%	241	-51%	-42%	4.1%
Dow Jones Indus. Avg.	679	12.5%	-16.5%	3.3%	358	-5.3%	12.6%	6.2%
EUR/USD	574	11.0%	-12.8%	2.8%	169	15.8%	14.8%	2.9%
Nasdaq 100	517	0.6%	30%	2.5%	280	2.2%	108%	4.8%
S&P 500 Index	505	1.8%	7.7%	2.4%	141	12.8%	61%	2.4%
Gold	500	0.9%	-1.9%	2.4%	39	-51%	-32%	0.7%
CAC 40	366	7.2%	-19.3%	1.8%	78	-51%	-29%	1.3%
ASML HOLDING	361	0.1%	4.0%	1.7%	101	-40%	7.7%	1.7%
Arcelormittal	355	-1.4%	3.7%	1.7%	124	-19.0%	26%	2.1%
Other	13,577	2.6%	6.1%	65.5%	3,681	-13.0%	51%	63.4%
Total	20,733	3.6%	0.8%	100%	5,809	-20.6%	28.5%	100%

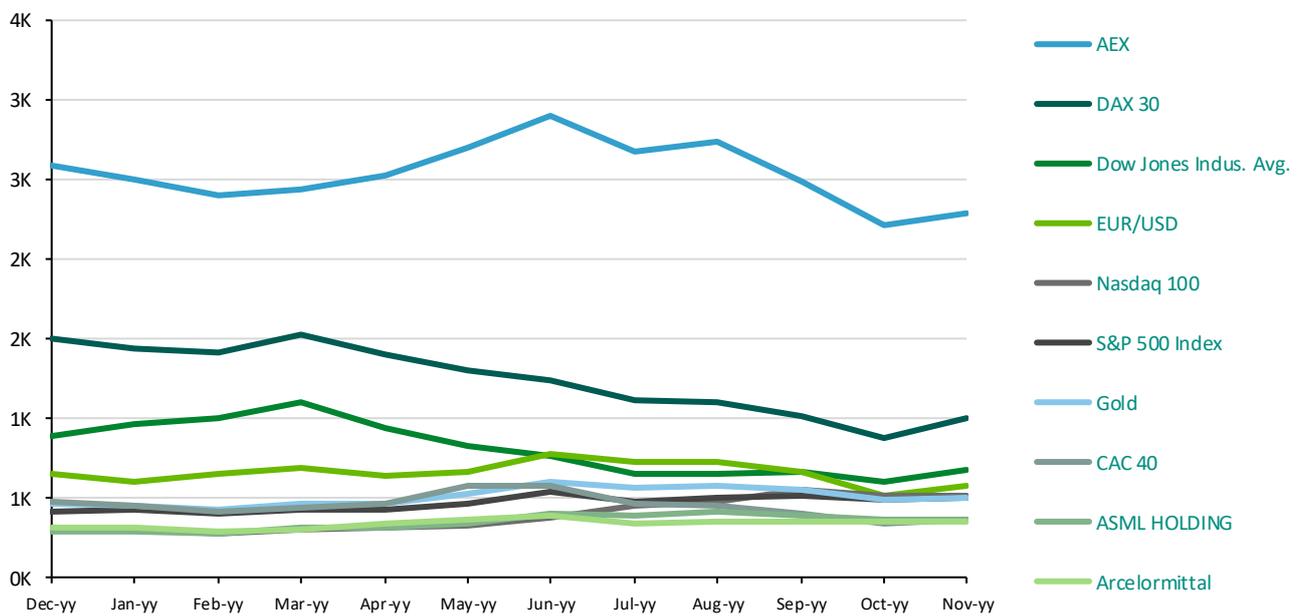
(Source Euronext)



TOP 10 UNDERLYINGS

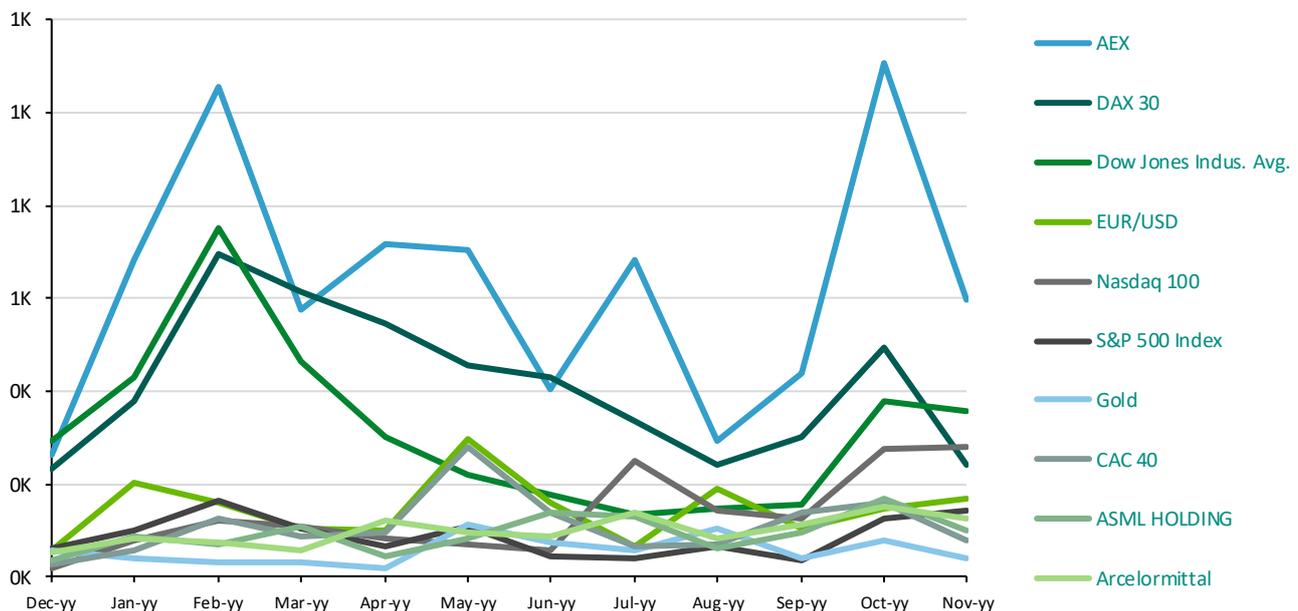
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Amsterdam.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euronext Amsterdam.



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0011907449	BNP Paribas	2205 Open-End Knock-Out Warrants	DSM	15,829	256
NL0013153166	BNP Paribas	2210 Mini-Futures	AEX	15,819	908
NL0013008352	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	14,289	2,552
NL0013146707	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	10,079	1,568
NL0012436950	Goldman Sachs	2210 Mini-Futures	AEX	8,829	974
NL0013150568	BNP Paribas	2210 Mini-Futures	AEX	8,655	146
NL0013146806	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	7,550	770
DE000CJ3P836	Commerzbank	2205 Open-End Knock-Out Warrants	DAX 30	7,080	498
NL0013081425	Goldman Sachs	2210 Mini-Futures	DAX 30	6,788	342
NL0013155856	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	6,712	826
NL0013157936	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	6,699	370
NL0013008519	BNP Paribas	2205 Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	6,510	602
NL0013149818	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	6,337	466
DE000CJ3P7D0	Commerzbank	2205 Open-End Knock-Out Warrants	DAX 30	6,273	446
NL0013129539	Goldman Sachs	2210 Mini-Futures	AEX	6,033	70
NL0011931043	Goldman Sachs	2205 Open-End Knock-Out Warrants	DAX 30	6,011	224
NL0012493795	BNP Paribas	2205 Open-End Knock-Out Warrants	ASML HOLDING	5,939	696
NL0013080153	Goldman Sachs	2205 Open-End Knock-Out Warrants	AEX	5,864	1,160
DE000CE6DL90	Commerzbank	2205 Open-End Knock-Out Warrants	Tesla Motors Inc	5,671	1,256
NL0012990543	BNP Paribas	2210 Mini-Futures	Silver	5,417	52
NL0013150287	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	5,318	802
NL0013147762	BNP Paribas	2210 Mini-Futures	AEX	5,172	546
NL0013008394	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	5,116	1,156
NL0012818462	ING	2100 Warrants	Euro STOXX 50 ETFs	5,113	580
NL0013147887	BNP Paribas	2210 Mini-Futures	Nasdaq 100	5,067	220
NL0013147879	BNP Paribas	2210 Mini-Futures	Nasdaq 100	4,931	138
NL0013013782	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	4,859	970
NL0013147895	BNP Paribas	2210 Mini-Futures	Nasdaq 100	4,786	148
NL0013081417	Goldman Sachs	2210 Mini-Futures	DAX 30	4,786	314
NL0013150048	BNP Paribas	2210 Mini-Futures	AEX	4,782	190
NL0013157191	BNP Paribas	2210 Mini-Futures	AEX	4,646	412
NL0013009368	BNP Paribas	2210 Mini-Futures	AEX	4,516	546
NL0013145626	BNP Paribas	2210 Mini-Futures	Nasdaq 100	4,505	82
NL0013146269	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	4,365	606
NL0013155088	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	4,327	600
NL0013152424	BNP Paribas	2210 Mini-Futures	AEX	4,320	216
NL0012920862	Goldman Sachs	2210 Mini-Futures	EUR/USD	4,267	270
NL0013008378	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	4,172	490
NL0013145527	BNP Paribas	2210 Mini-Futures	AEX	4,041	668
NL0013006091	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	4,000	1,576
NL0013009525	BNP Paribas	2210 Mini-Futures	Nasdaq 100	4,000	104
NL0013151467	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	3,957	500
NL0012691901	BNP Paribas	2210 Mini-Futures	Silver	3,916	114
NL0013146830	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	3,854	482
NL0013014012	BNP Paribas	2210 Mini-Futures	AEX	3,844	166
NL0013080252	Goldman Sachs	2205 Open-End Knock-Out Warrants	AEX	3,829	824
NL0013146202	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	3,805	7,908
NL0011041421	Goldman Sachs	2210 Mini-Futures	EUR/USD	3,740	264
NL0012851976	Goldman Sachs	2210 Mini-Futures	EUR/USD	3,563	214
NL0013087349	Goldman Sachs	2210 Mini-Futures	EUR/USD	3,484	248

(Source Euronext)



Euronext Brussels

ISSUERS

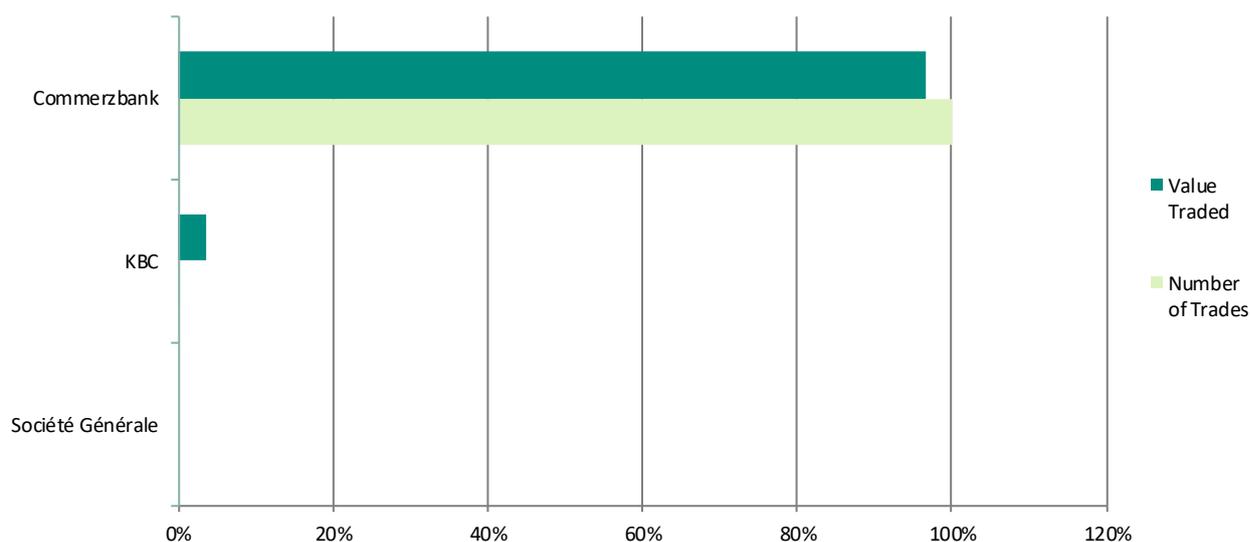
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Brussels.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commerzbank	698	0.7%	39%	96.5%	272	1.9%	10.5%	99.9%
KBC	25	-95%	-52%	3.5%	0.3	-93.0%	-73.5%	0.1%
Société Générale	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	723	-38.5%	30.3%	100%	273	0.5%	10.0%	100%

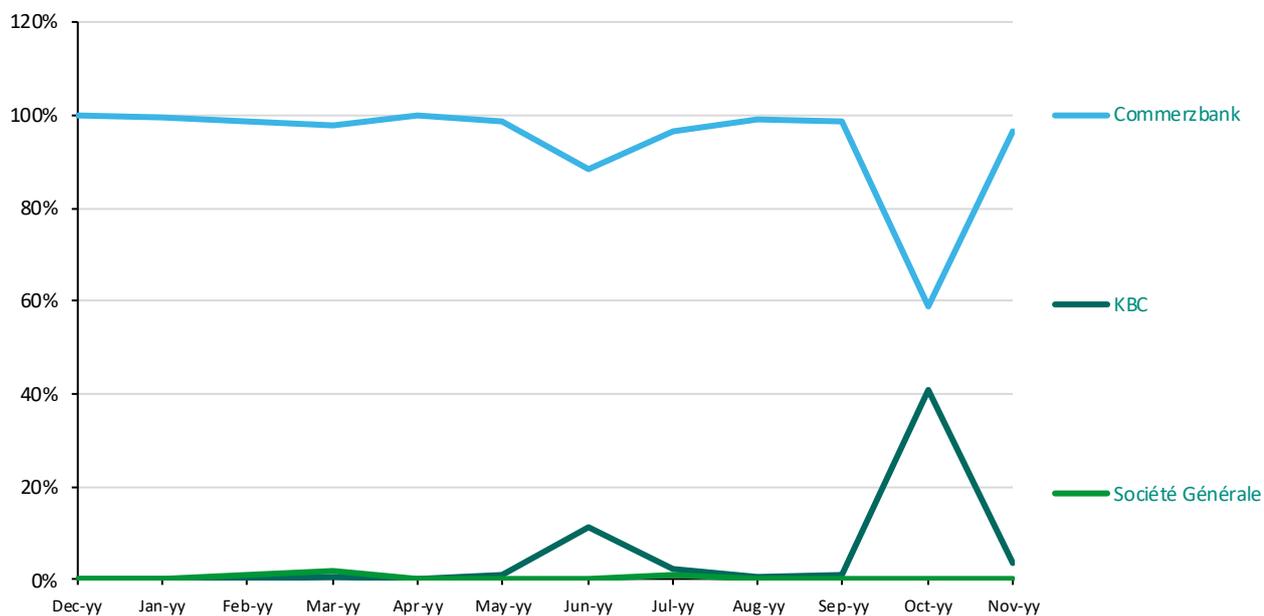
(Source Euronext)



ISSUERS

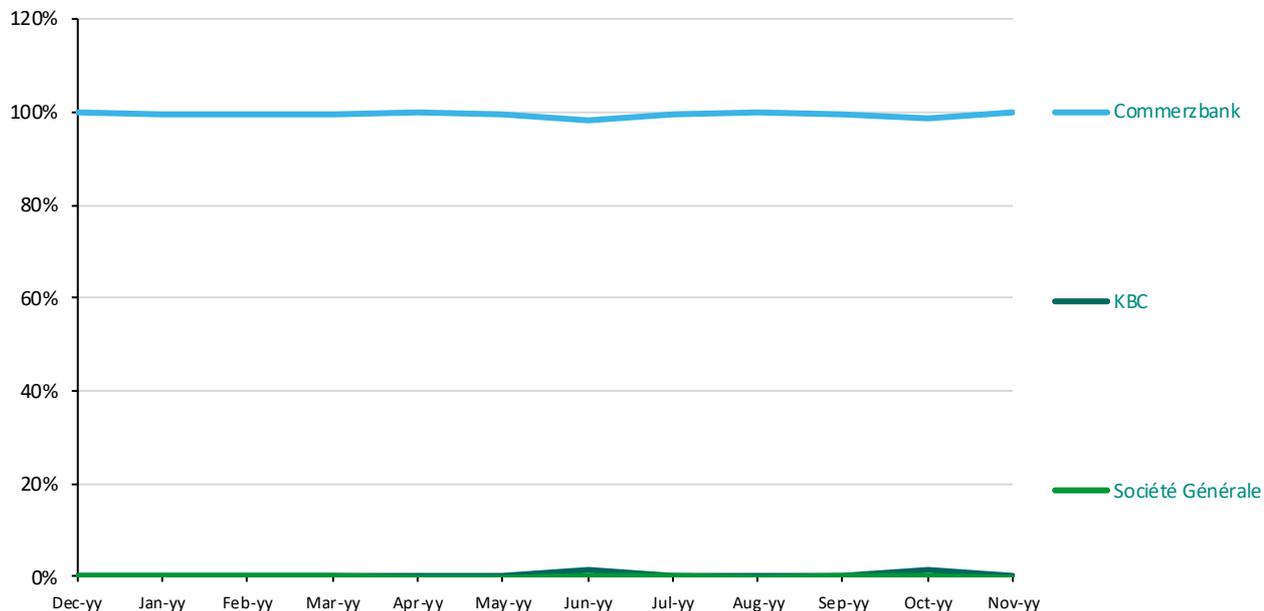
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Euronext Brussels.



ISSUERS

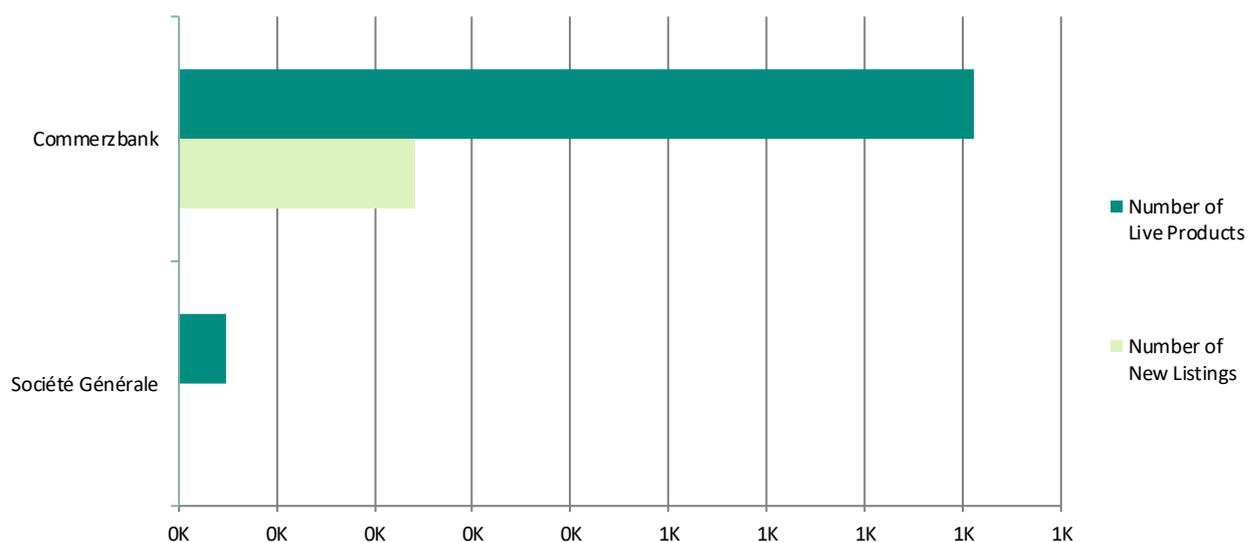
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	812	0.9%	-2.2%	91.7%	240	-28%	9.3%	99.6%
Société Générale	48	-1.3%	-6.5%	5.4%	0			0.0%
KBC	25	4.0%	59%	2.8%	1	-67%	-68%	0.4%
Total	885	0.9%	-1.3%	100%	241	-28.7%	8.3%	100%

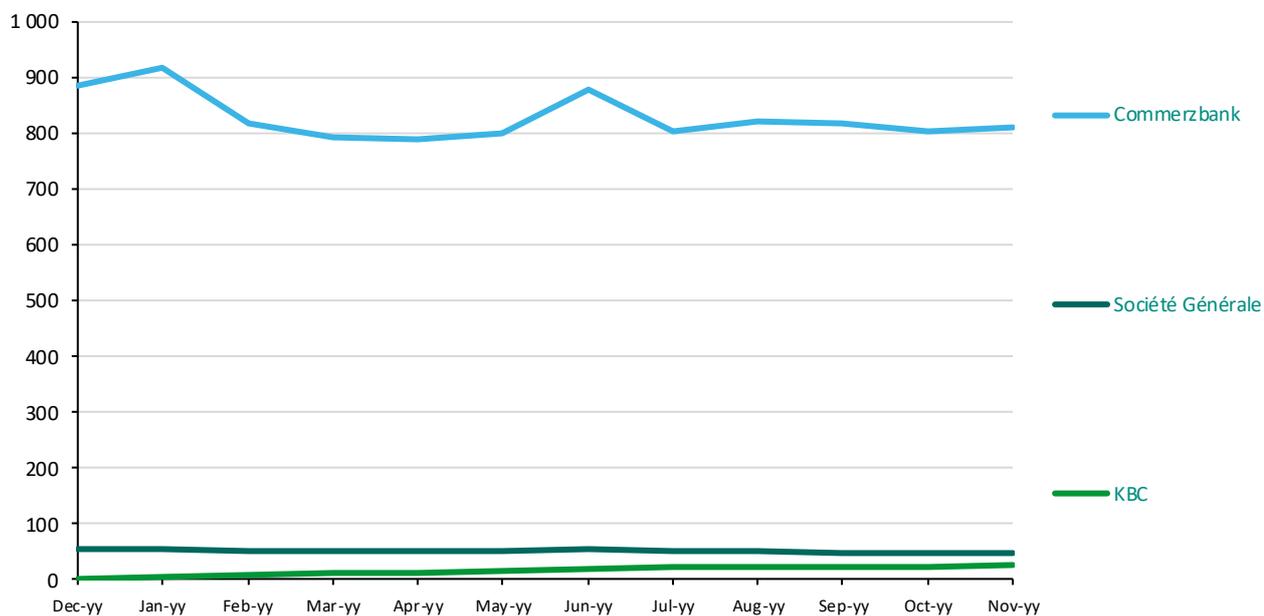
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ISSUERS

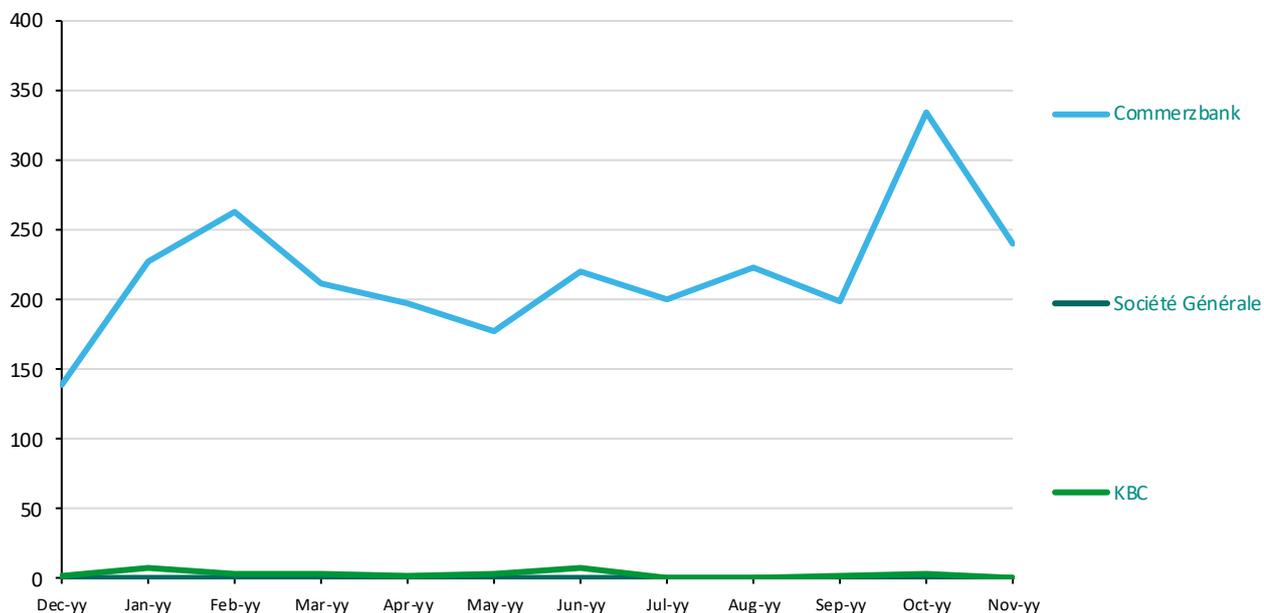
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Brussels.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Brussels.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

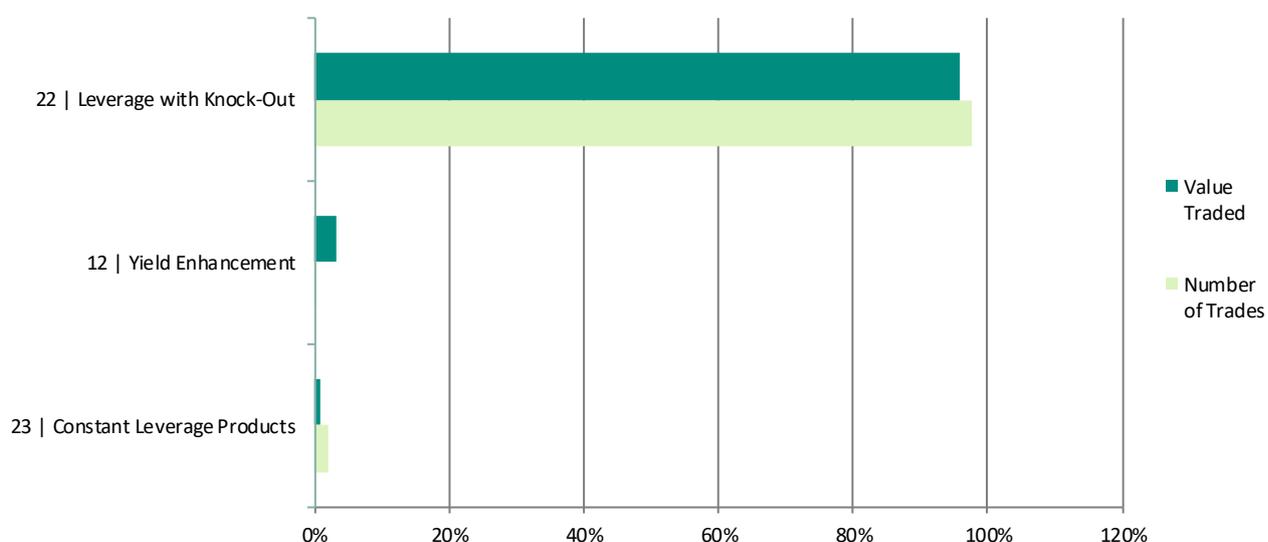
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	693	2.1%	41%	95.8%	267	2.9%	10.7%	97.8%
12 Yield Enhancement	23	-95%	-47%	3.1%	0.1	-94%	-33%	0.1%
23 Constant Leverage Products	6	-67%	-57%	0.8%	5.8	-30%	-4.9%	2.1%
Total	723	-38.5%	30.3%	100%	273	0.5%	10.0%	100%

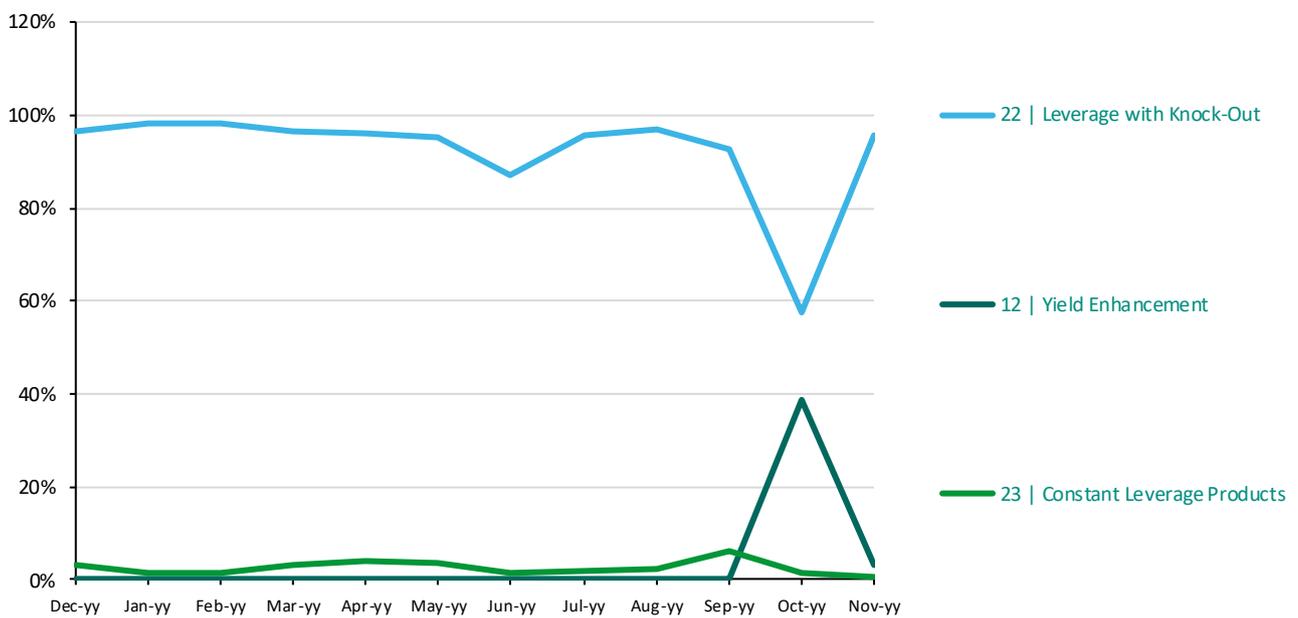
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

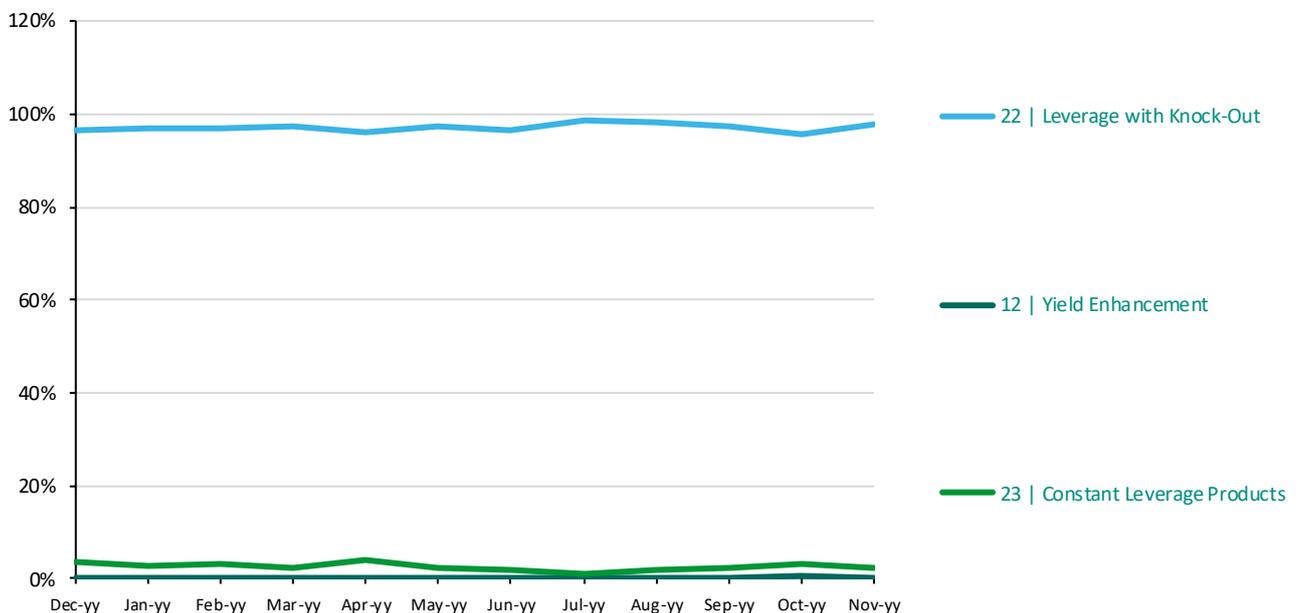
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Brussels.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

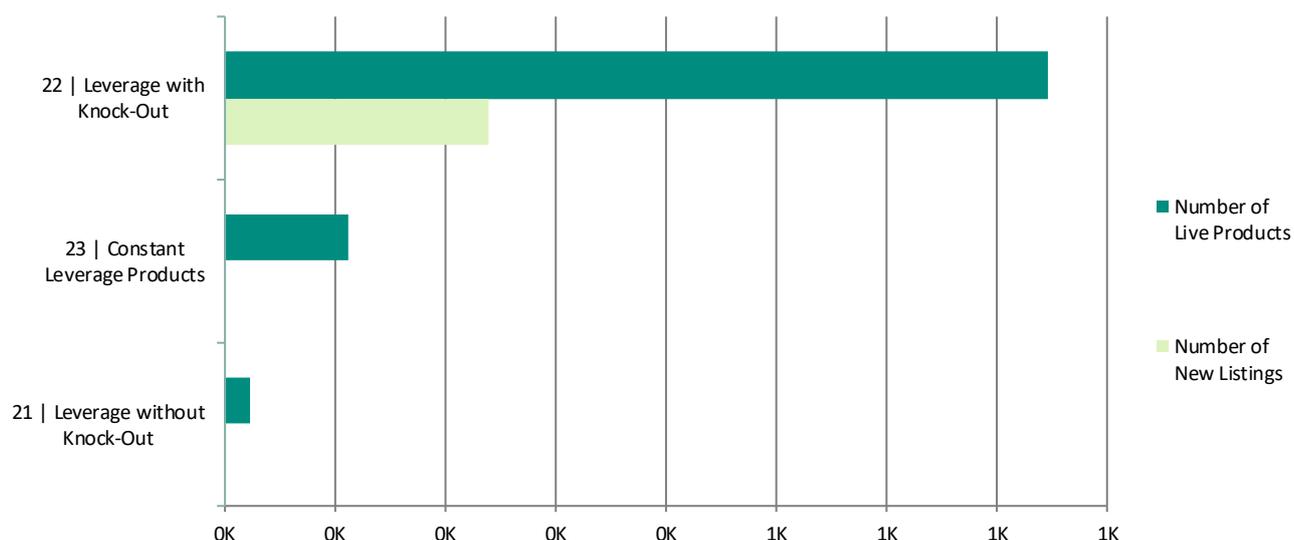
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	747	1.4%	-2.3%	84.4%	240	-28%	9.5%	99.6%
23 Constant Leverage Products	113	-2.4%	-2.5%	12.8%	0		-100%	0.0%
21 Leverage without Knock-Out	23	-3.3%	40%	2.6%	1	-50%	-66%	0.4%
Total	885	0.9%	-1.3%	100%	241	-28.7%	8.3%	100%

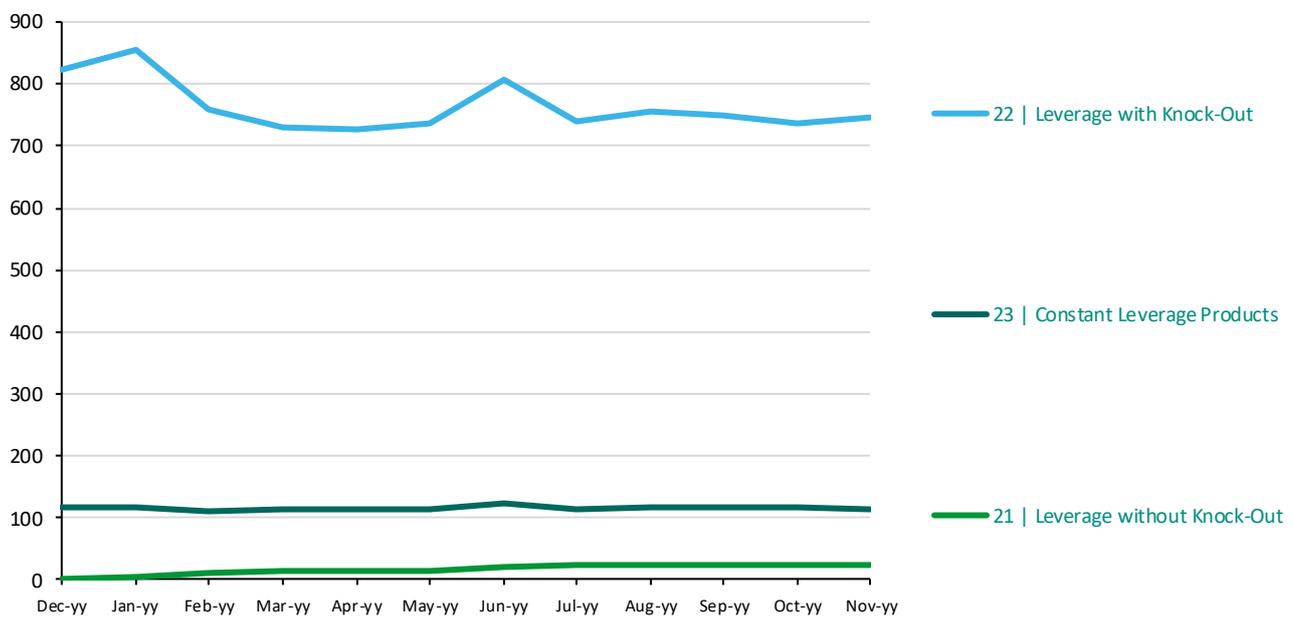
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

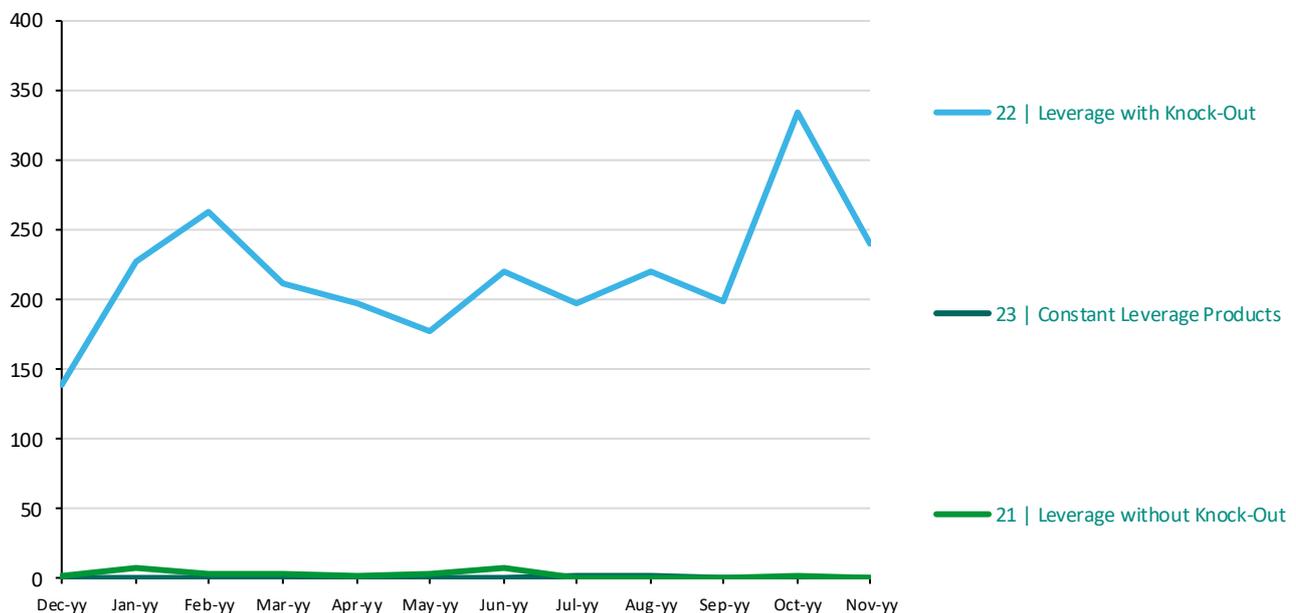
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Brussels.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Brussels.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

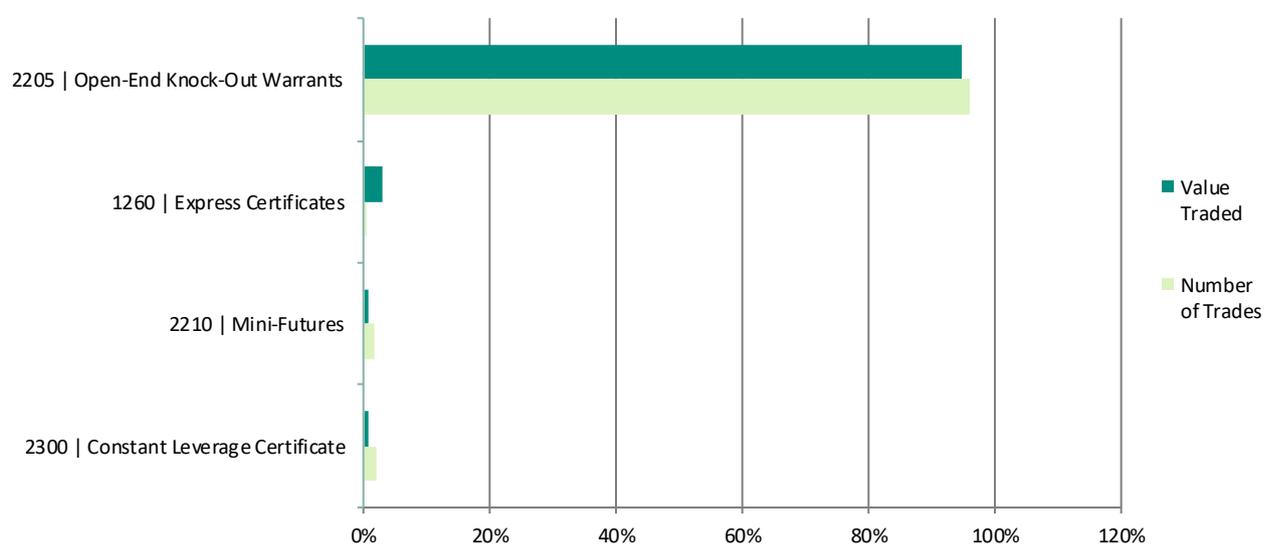
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	687	2.5%	43%	95.0%	262	3.4%	11.6%	96.2%
1260 Express Certificates	23	-95%	-47%	3.1%	0.1	-94%	-33%	0.1%
2210 Mini-Futures	6	-26%	-33%	0.8%	4.3	-21%	-25%	1.6%
2300 Constant Leverage Certificate	6	-67%	-57%	0.8%	5.8	-30%	-4.9%	2.1%
Total	723	-38.5%	30.3%	100%	273	0.5%	10.0%	100%

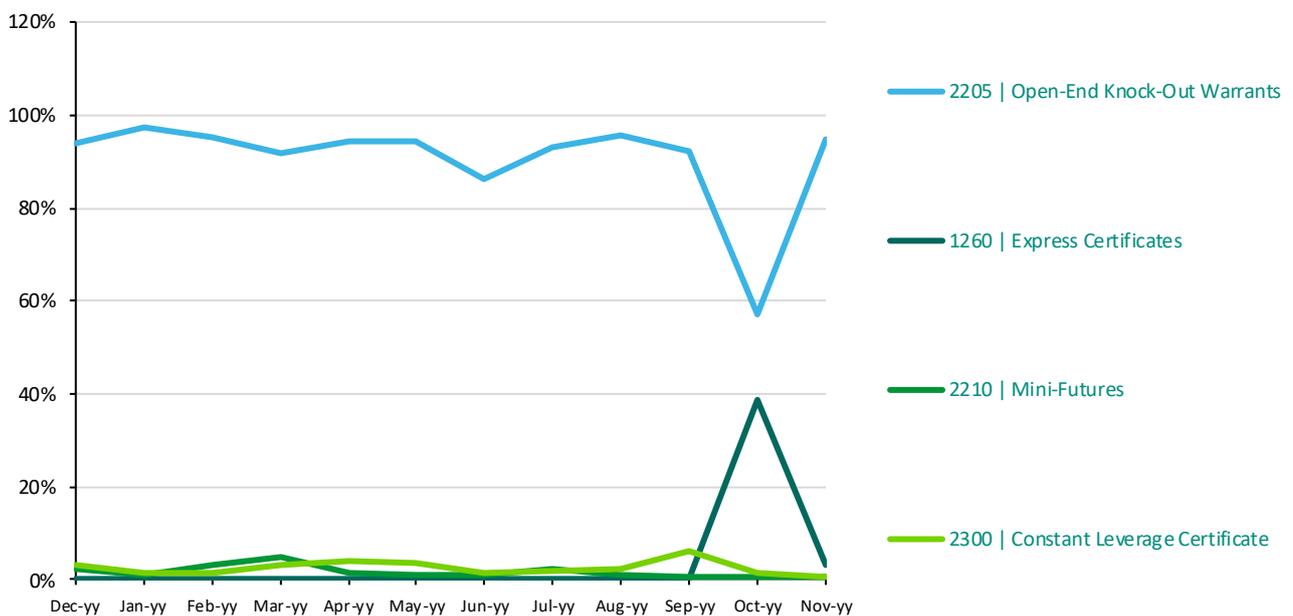
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

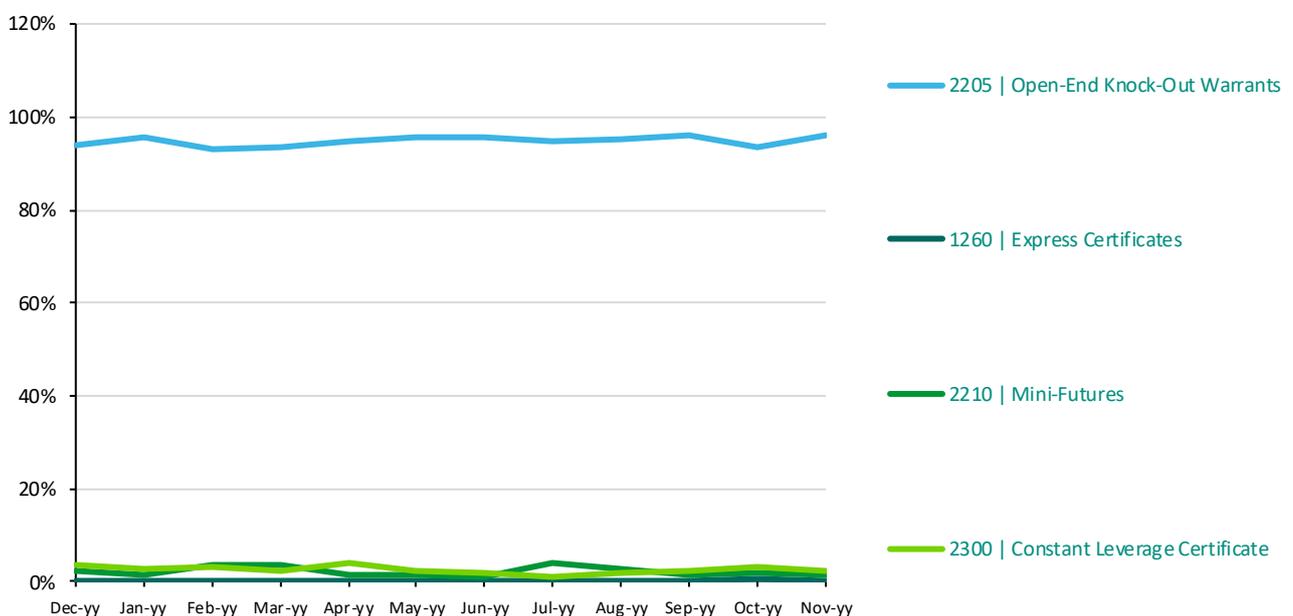
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Brussels.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

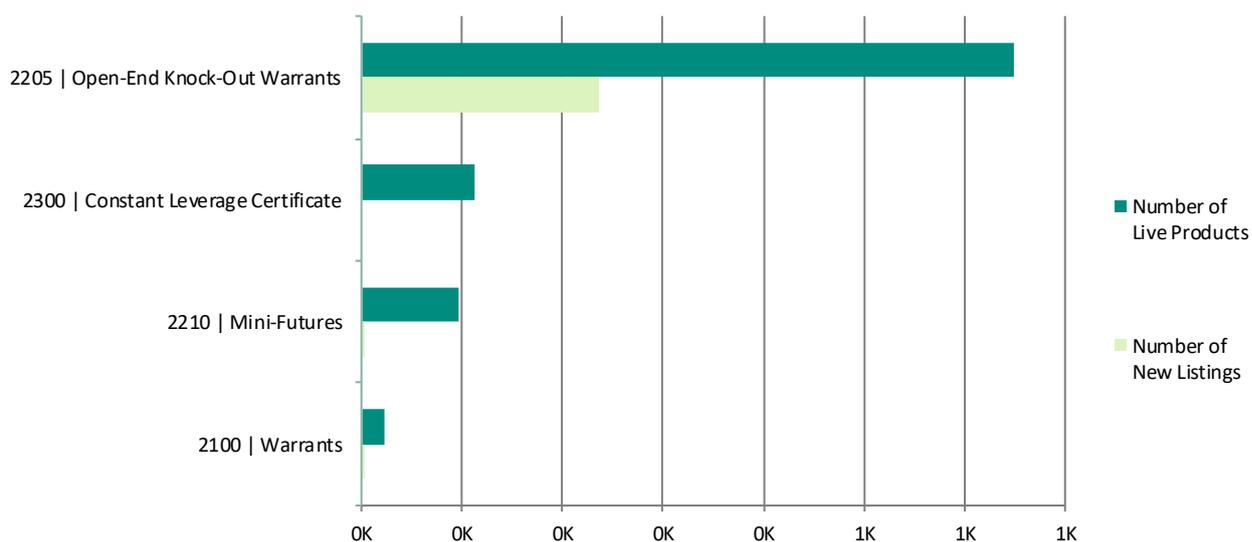
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	650	1.9%	-0.7%	73.4%	237	-28%	10.2%	98.3%
2300 Constant Leverage Certificate	113	-2.4%	-2.5%	12.8%	0	-100%	-100%	0.0%
2210 Mini-Futures	97	-1.5%	-11.5%	11.0%	3	-50%	-27%	1.2%
2100 Warrants	23	-3.3%	40%	2.6%	1	-50%	-66%	0.4%
Total	885	0.9%	-1.3%	100%	241	-28.7%	8.3%	100%

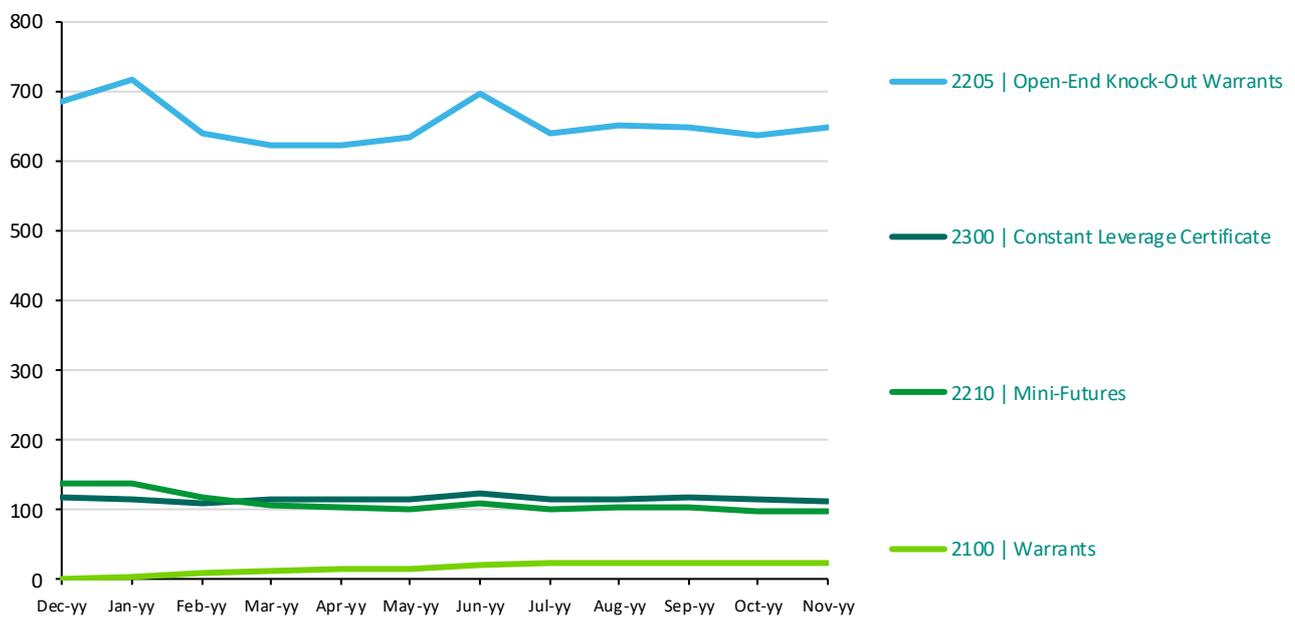
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

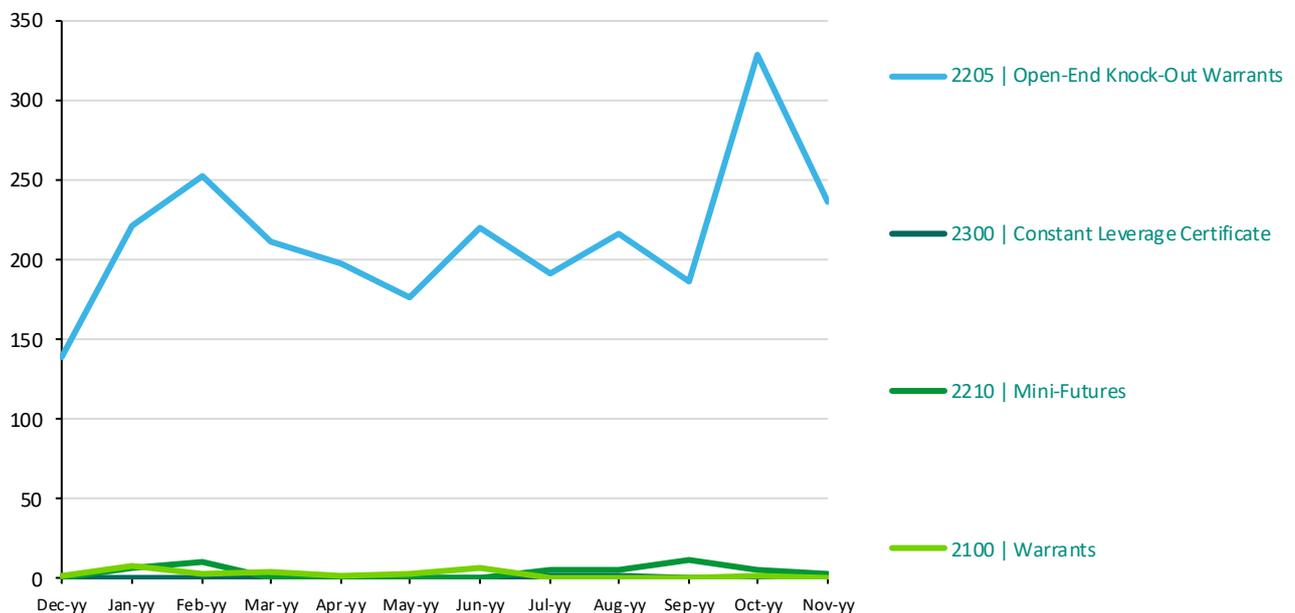
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Brussels.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Brussels.



PRODUCT STRATEGIES

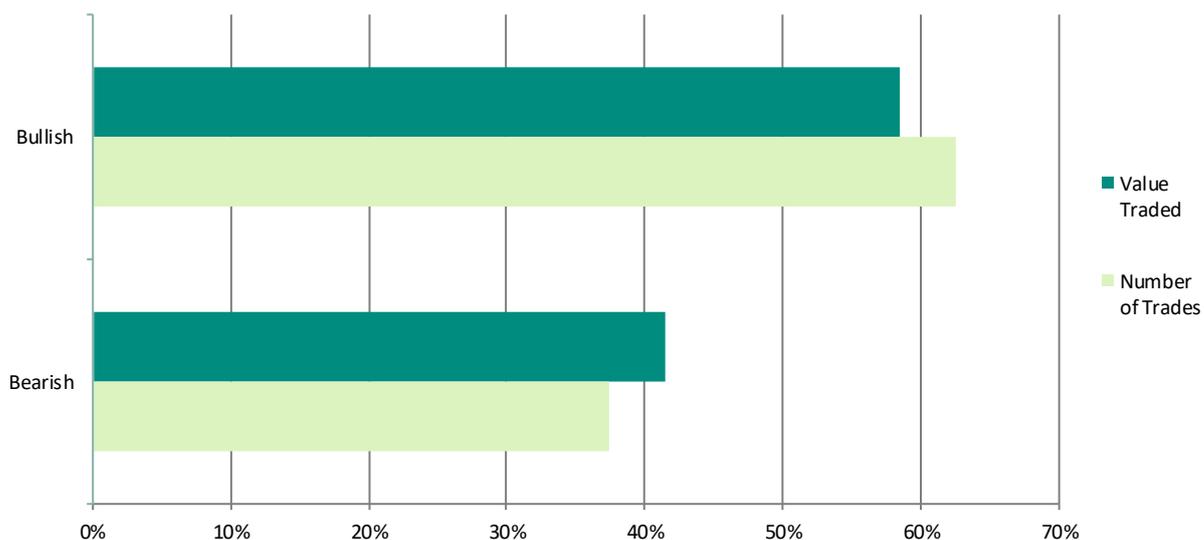
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	423	-52%	6.2%	58.5%	170	-3.3%	-0.2%	62.5%
Bearish	300	3.5%	92%	41.5%	102	7.8%	32%	37.5%
Total	723	-38.5%	30.3%	100%	273	0.5%	10.0%	100%

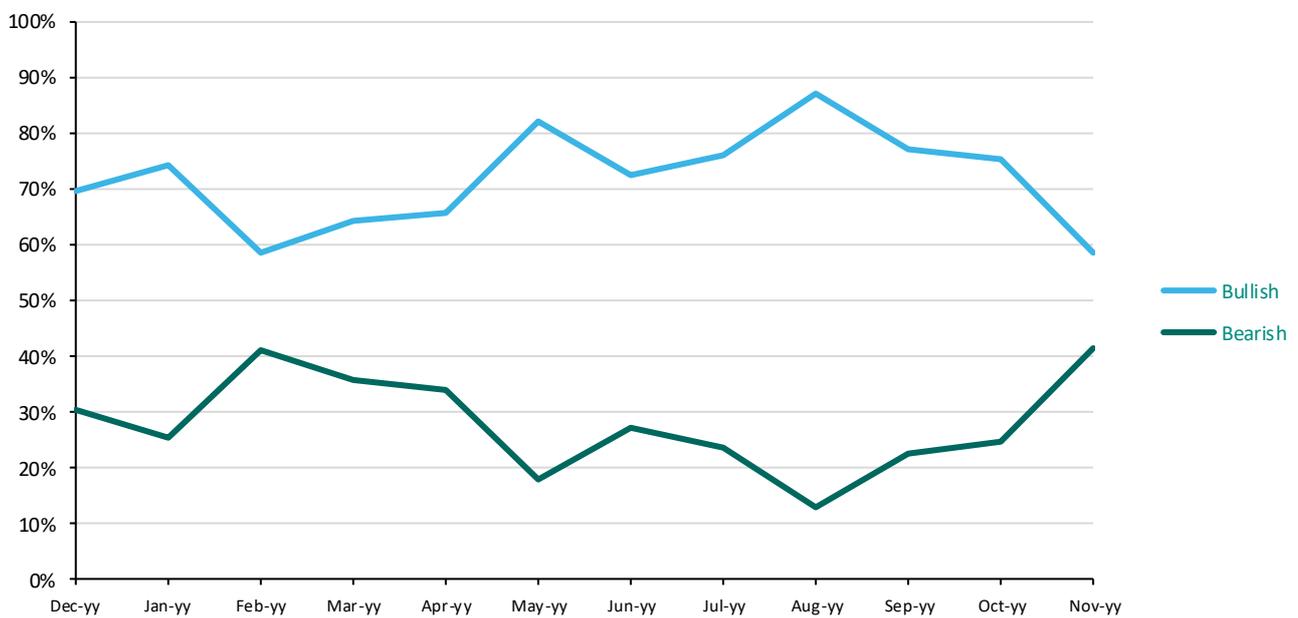
(Source Euronext)



PRODUCT STRATEGIES

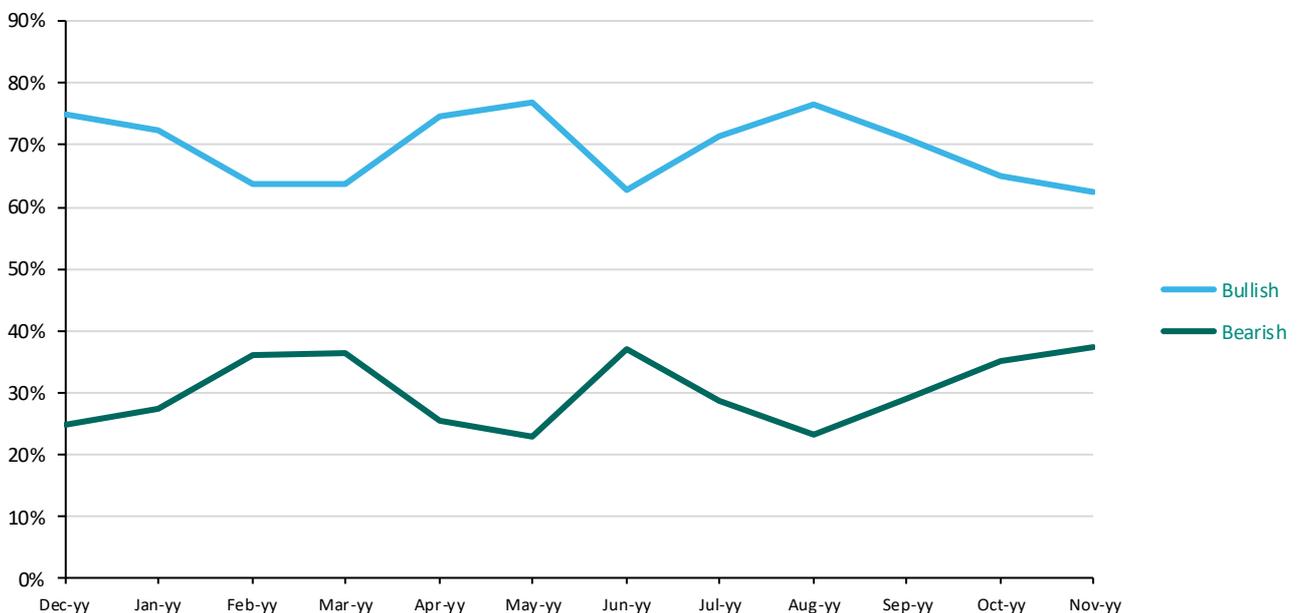
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Brussels.



PRODUCT STRATEGIES

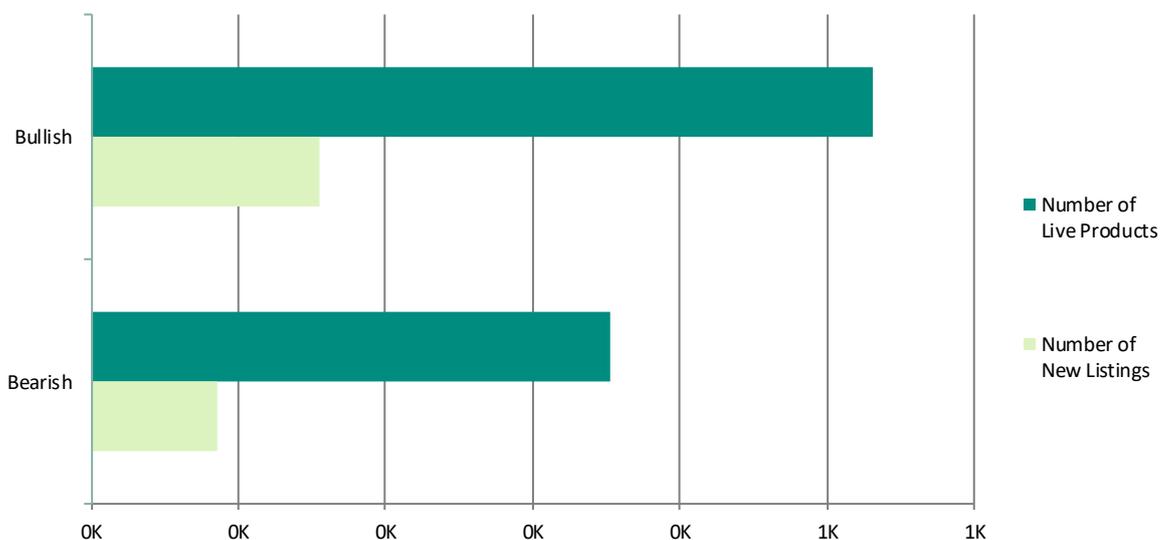
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	531	-4.0%	-14.0%	60.1%	155	-11.9%	24%	64.3%
Bearish	353	9.1%	27%	39.9%	86	-47%	-11.6%	35.7%
Total	885	0.9%	-1.3%	100%	241	-28.7%	8.3%	100%

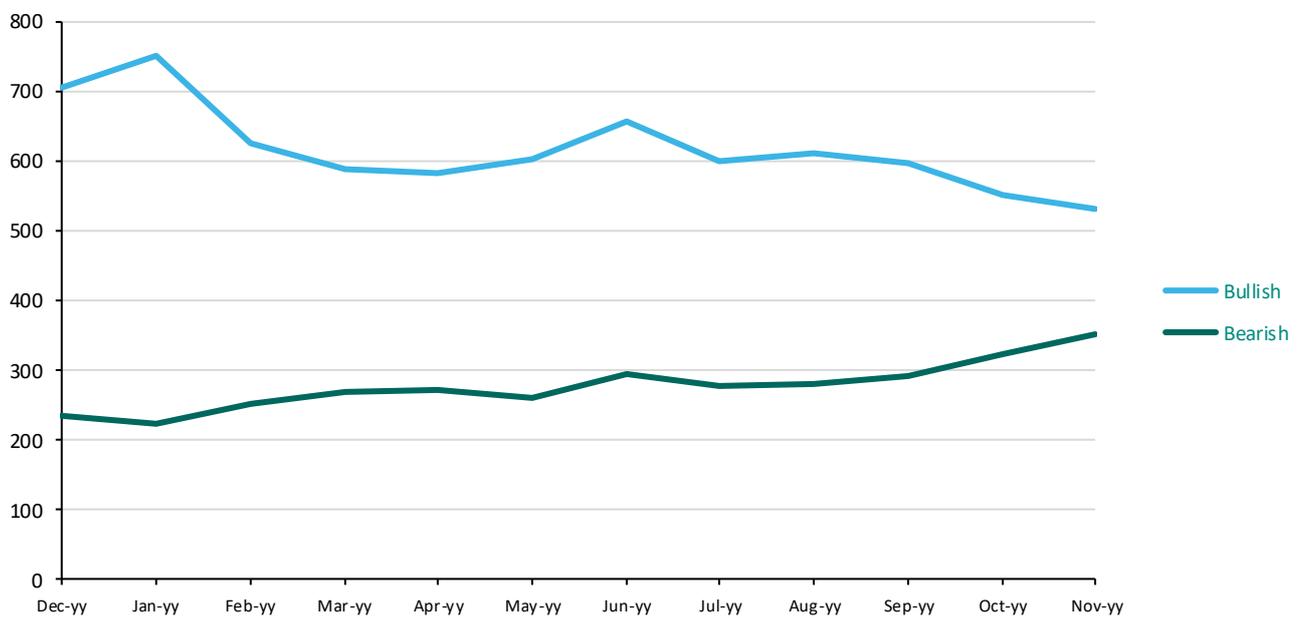
(Source Euronext)



PRODUCT STRATEGIES

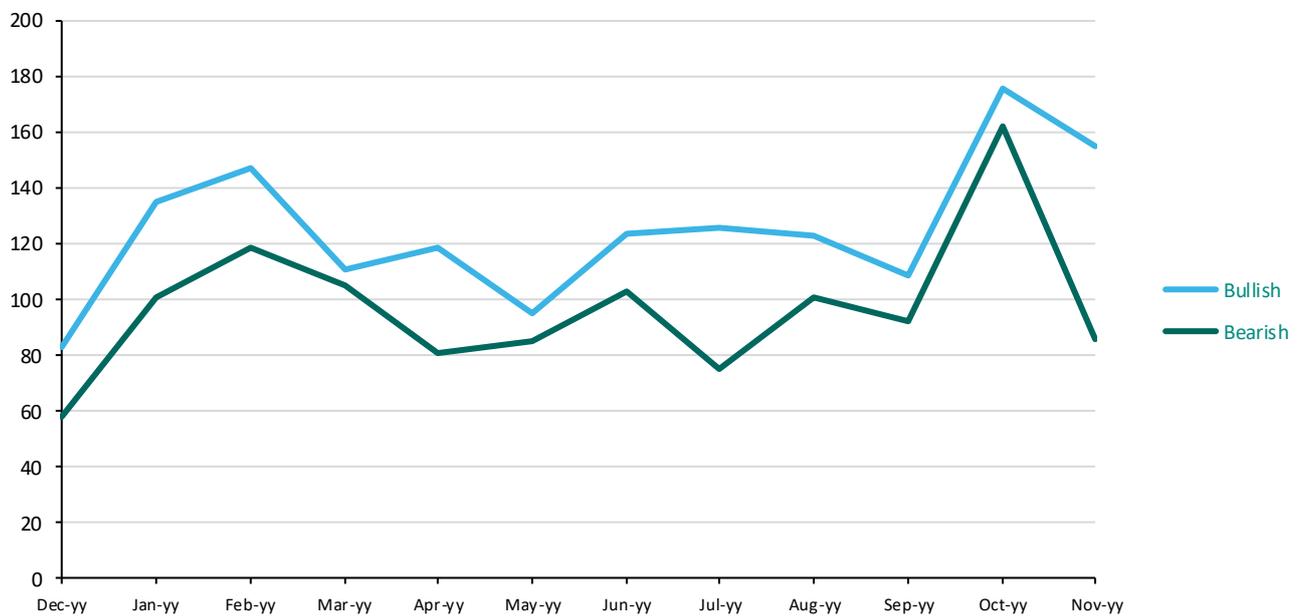
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Brussels.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Brussels.



UNDERLYING TYPES

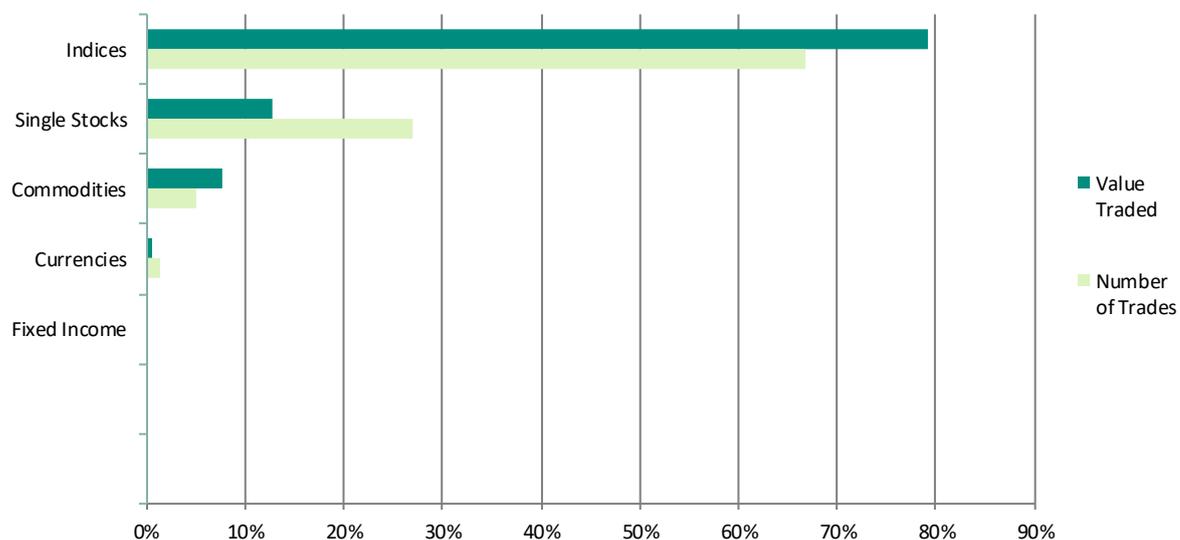
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Brussels.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	572	-33%	63%	79.1%	182	11.6%	33%	66.8%
Single Stocks	92	-27%	-40%	12.7%	73	-7.6%	-23%	26.9%
Commodities	55	-73%	18.3%	7.6%	14	-49%	14.3%	5.0%
Currencies	4	89%	-28%	0.6%	3.5	115%	-14.7%	1.3%
Fixed Income	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
	0			0.0%	0.0			0.0%
	0			0.0%	0.0			0.0%
Total	723	-38.5%	30.3%	100%	273	0.5%	10.0%	100%

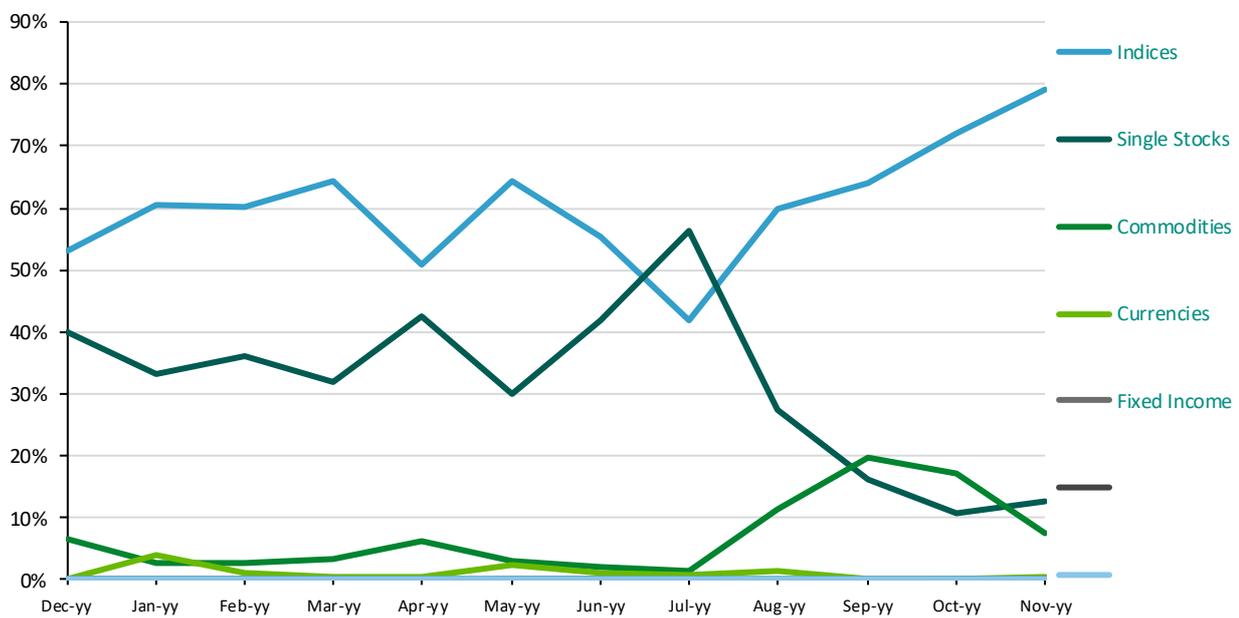
(Source Euronext)



UNDERLYING TYPES

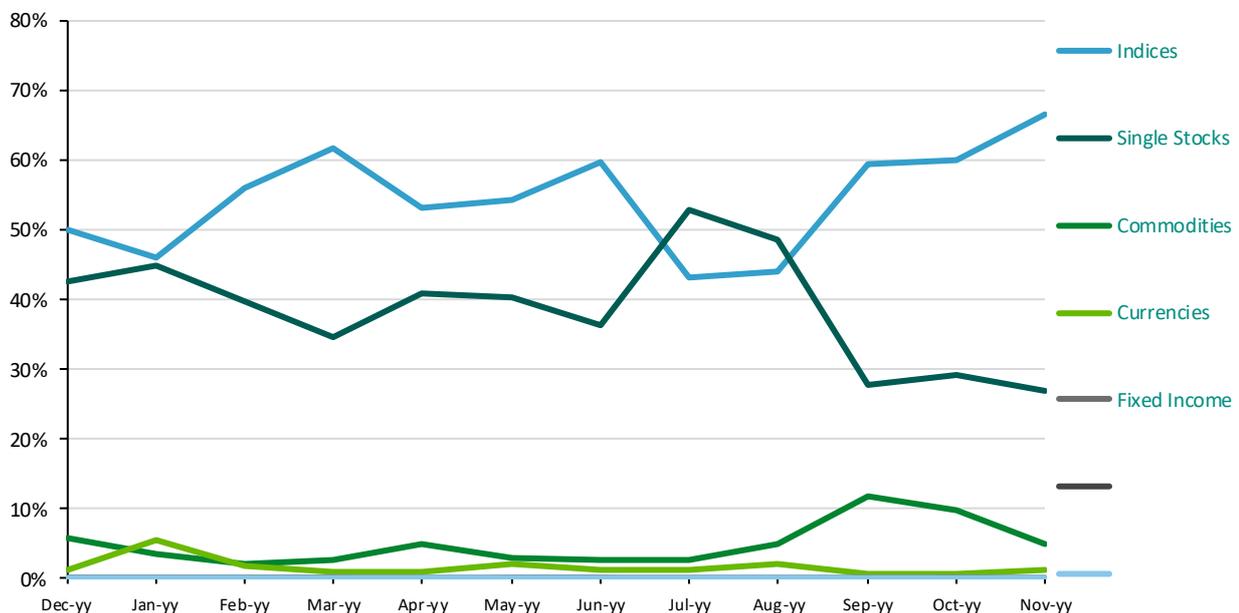
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Euronext Brussels.



UNDERLYING TYPES

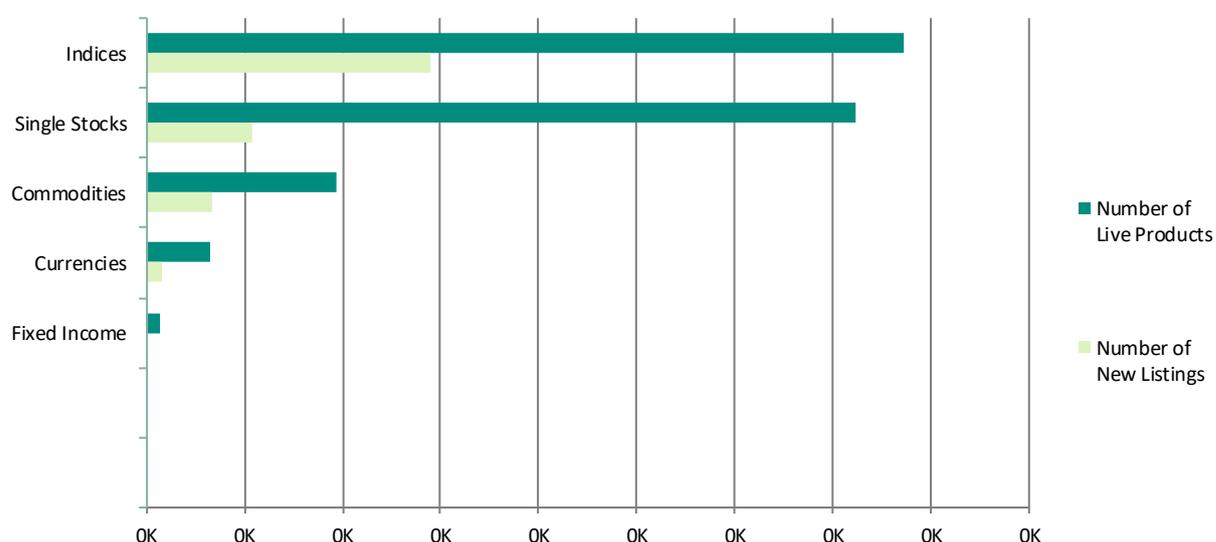
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	386	2.0%	-3.2%	43.6%	145	-34%	-3.9%	60.2%
Single Stocks	362	0.7%	-1.2%	40.9%	54	-23%	39%	22.4%
Commodities	97	-3.6%	5.4%	11.0%	33	-13.2%	31%	13.7%
Currencies	33	4.7%	4.5%	3.7%	8	0.0%	22%	3.3%
Fixed Income	7	0.0%	-0.4%	0.8%	0			0.0%
	0			0.0%	0			0.0%
	0			0.0%	0			0.0%
Total	885	0.9%	-1.3%	100%	241	-28.7%	8.3%	100%

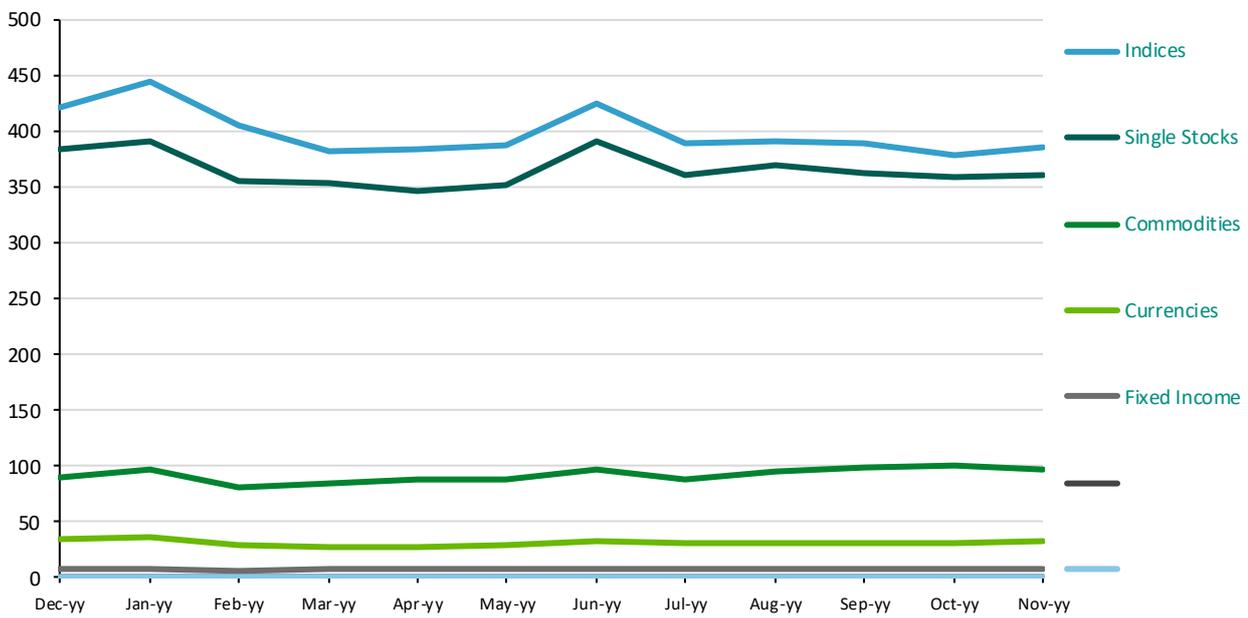
(Source Euronext)



UNDERLYING TYPES

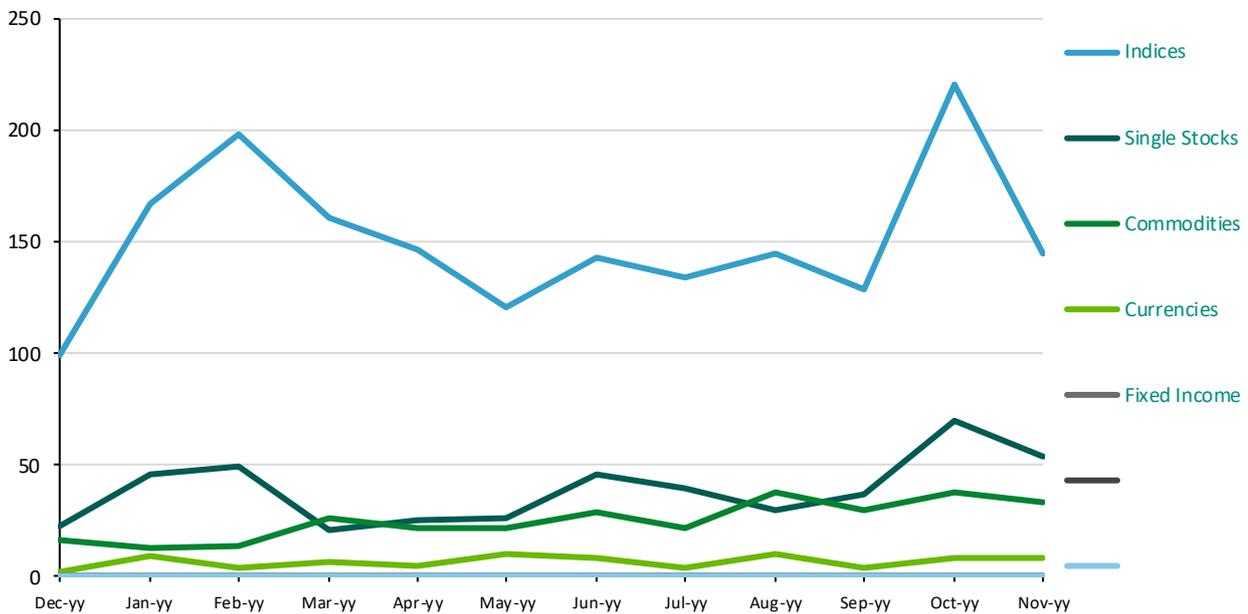
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Brussels.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Brussels.



TOP 10 UNDERLYING COUNTRIES

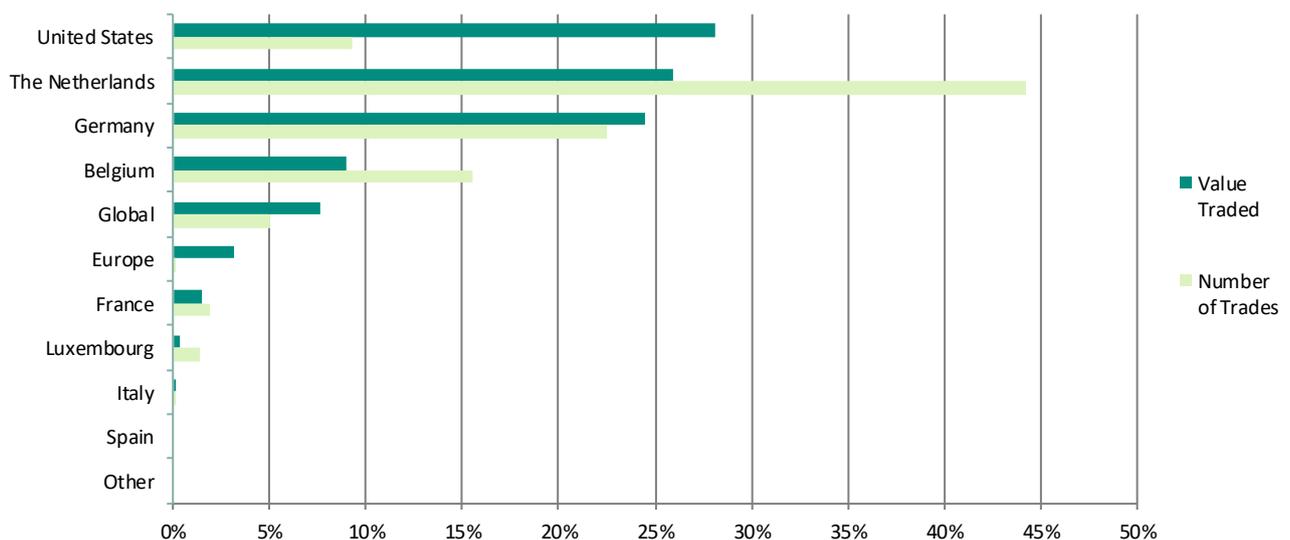
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Brussels.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
United States	204	161%	276%	28.2%	25	-15.9%	15.7%	9.3%
The Netherlands	187	-7.9%	46%	25.9%	121	22%	52%	44.3%
Germany	177	34%	22%	24.5%	61	17.0%	6.1%	22.5%
Belgium	64	6.8%	-42%	8.9%	42	-7.9%	-36%	15.6%
Global	55	-73%	18.0%	7.6%	14	-49%	13.5%	5.0%
Europe	23	-95%	-47%	3.1%	0.1	-94%	-46%	0.1%
France	11	-73%	-46%	1.5%	5.1	-50%	-23%	1.9%
Luxembourg	2	-57%	-71%	0.3%	3.8	-2.4%	27%	1.4%
Italy	0	-100%	-98%	0.0%	0.0	-79%	-15.9%	0.0%
Spain	0			0.0%	0.0			0.0%
Other	0		-100%	0.0%	0.0		-100%	0.0%
Total	723	-38.5%	30.3%	100%	273	0.5%	10.0%	100%

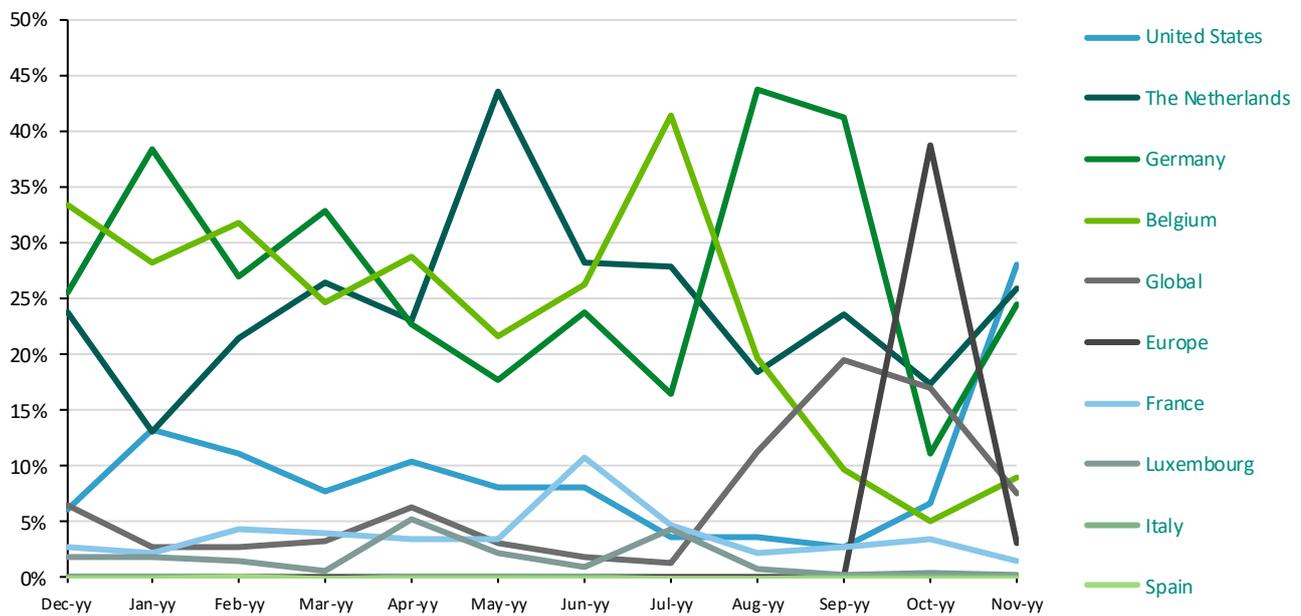
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

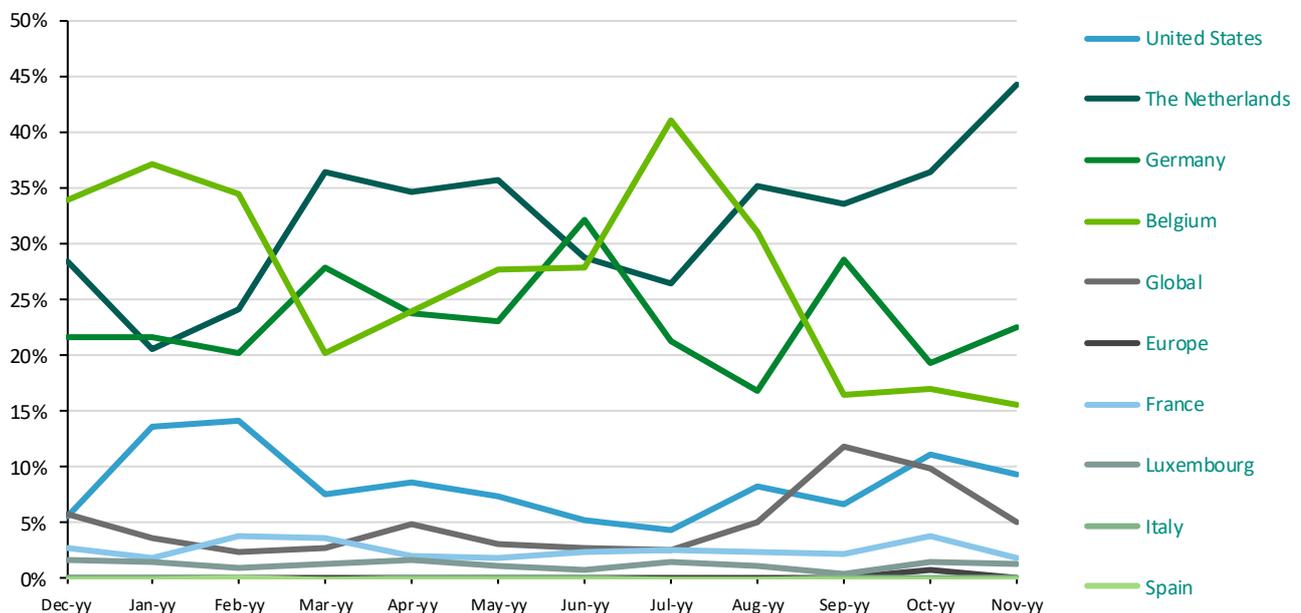
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Euronext Brussels.



TOP 10 UNDERLYING COUNTRIES

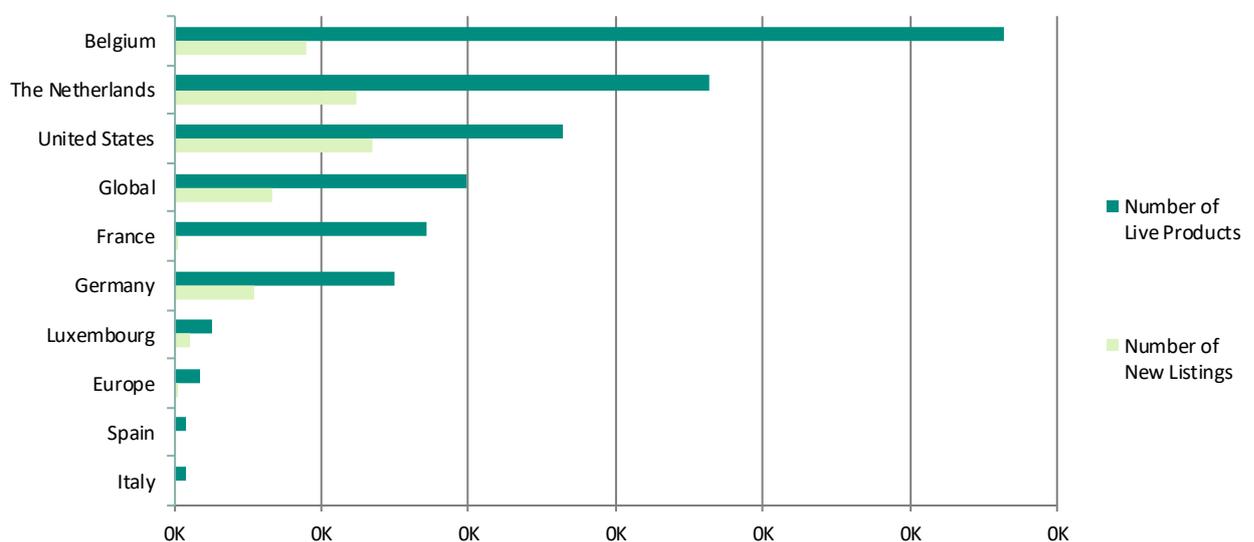
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Belgium	282	-0.1%	-3.9%	31.9%	45	-33%	24%	18.7%
The Netherlands	182	3.9%	0.6%	20.6%	62	-32%	-6.2%	25.7%
United States	132	3.3%	2.7%	14.9%	67	-15.2%	39%	27.8%
Global	99	-3.5%	5.3%	11.2%	33	-13.2%	31%	13.7%
France	85	-1.9%	2.0%	9.7%	1	-75%	-59%	0.4%
Germany	75	5.8%	-5.8%	8.4%	27	-49%	-34%	11.2%
Luxembourg	13	-12.5%	-36%	1.4%	5	25%	114%	2.1%
Europe	9	-1.4%	8.4%	1.0%	1	-50%	-14.3%	0.4%
Spain	4	0.0%	-0.4%	0.5%	0			0.0%
Italy	4	0.0%	0.0%	0.5%	0			0.0%
Other	0		-100%	0.0%	0			0.0%
Total	885	0.9%	-1.3%	100%	241	-28.7%	8.3%	100%

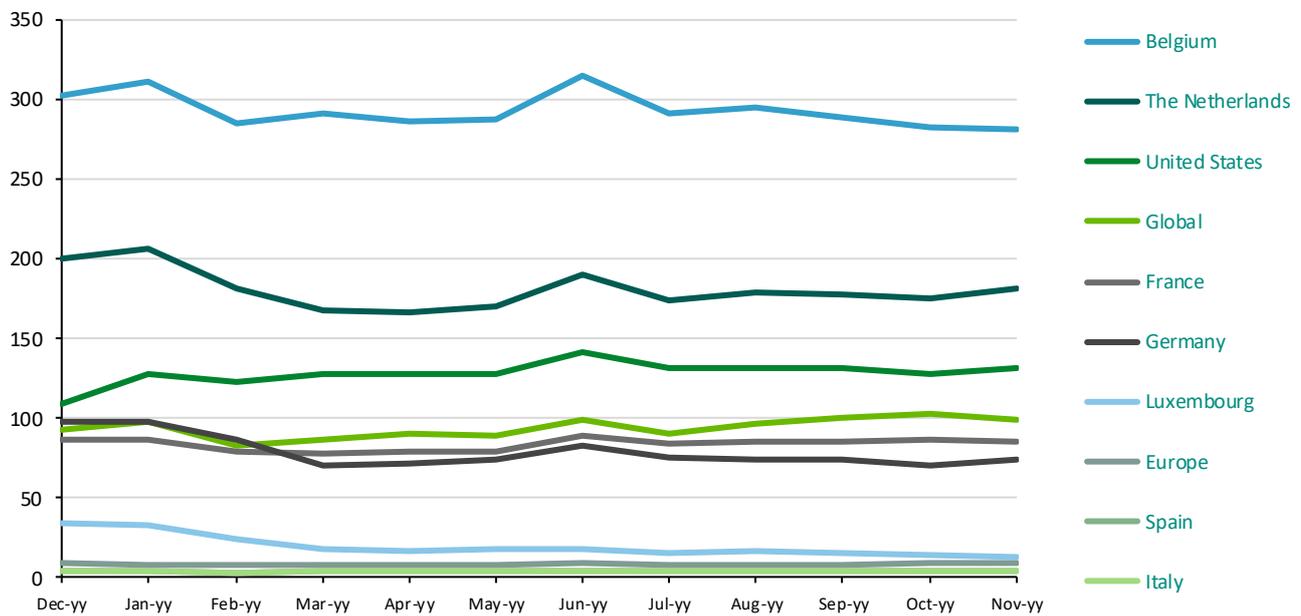
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

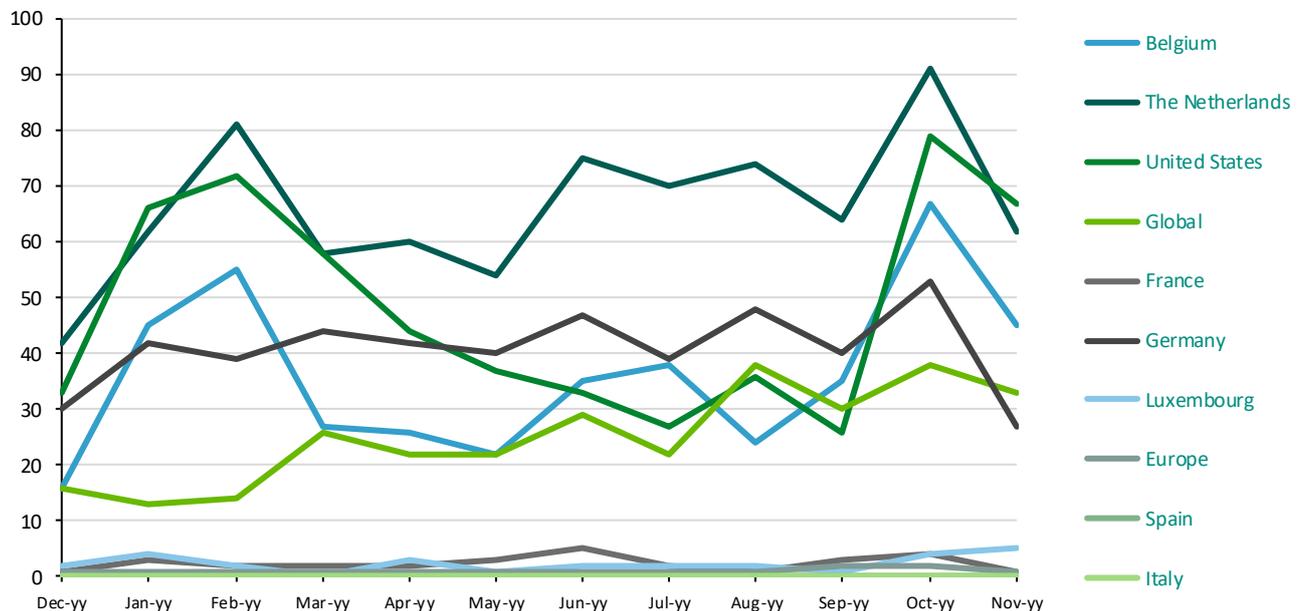
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Brussels.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Brussels.



TOP 10 UNDERLYINGS

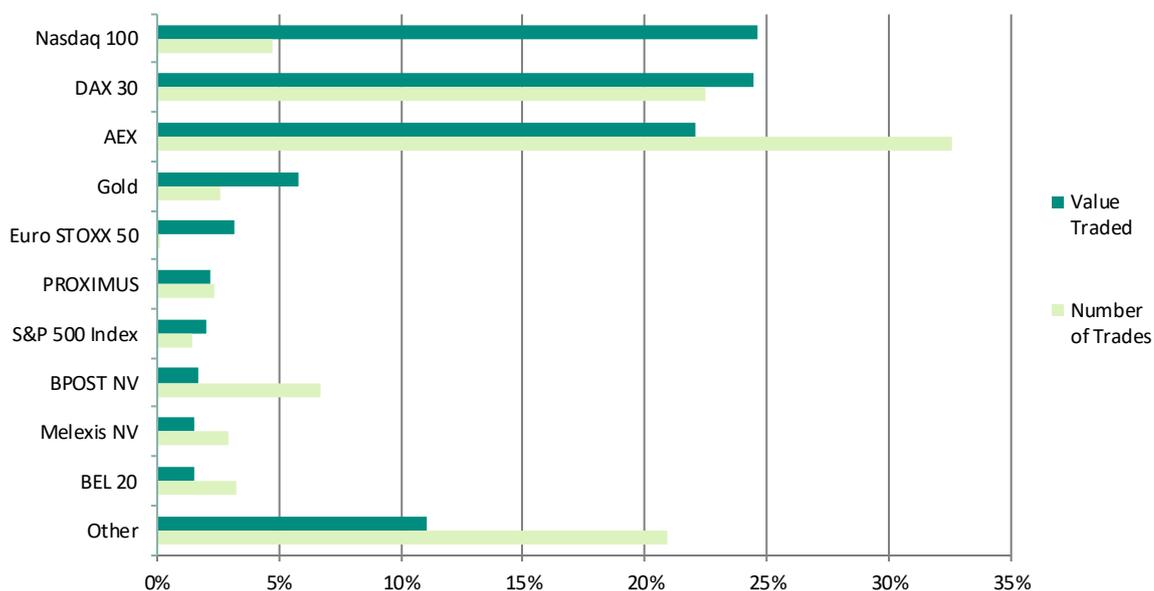
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Nasdaq 100	178	436%	455%	24.6%	13	14.7%	50%	4.7%
DAX 30	177	34%	22%	24.5%	61	17.0%	6.1%	22.5%
AEX	159	-4.3%	57%	22.0%	89	30%	68%	32.6%
Gold	42	-66%	60%	5.8%	7.0	-55%	9.0%	2.6%
Euro STOXX 50	23	-95%	-47%	3.1%	0.1	-94%	-45%	0.1%
PROXIMUS	16	93%	161%	2.2%	6.4	98%	110%	2.3%
S&P 500 Index	14	-47%	51%	2.0%	3.9	-40%	-16.9%	1.4%
BPOST NV	12	102%	47%	1.7%	18	233%	93%	6.7%
Melexis NV	11	-40%	16.6%	1.5%	8.0	-51%	-8.8%	2.9%
BEL 20	11	-17.1%	-1.1%	1.5%	8.8	-7.8%	25%	3.2%
Other	80	-58%	-51%	11.0%	57	-29%	-36%	21.0%
Total	723	-38.5%	30.3%	100%	273	0.5%	10.0%	100%

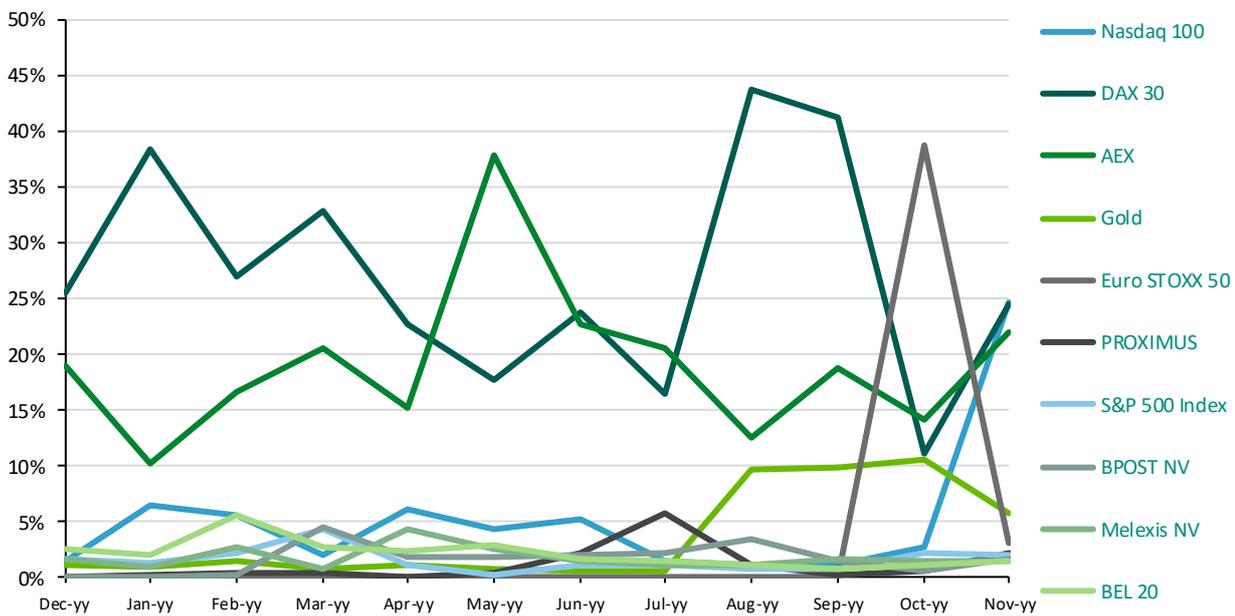
(Source Euronext)



TOP 10 UNDERLYINGS

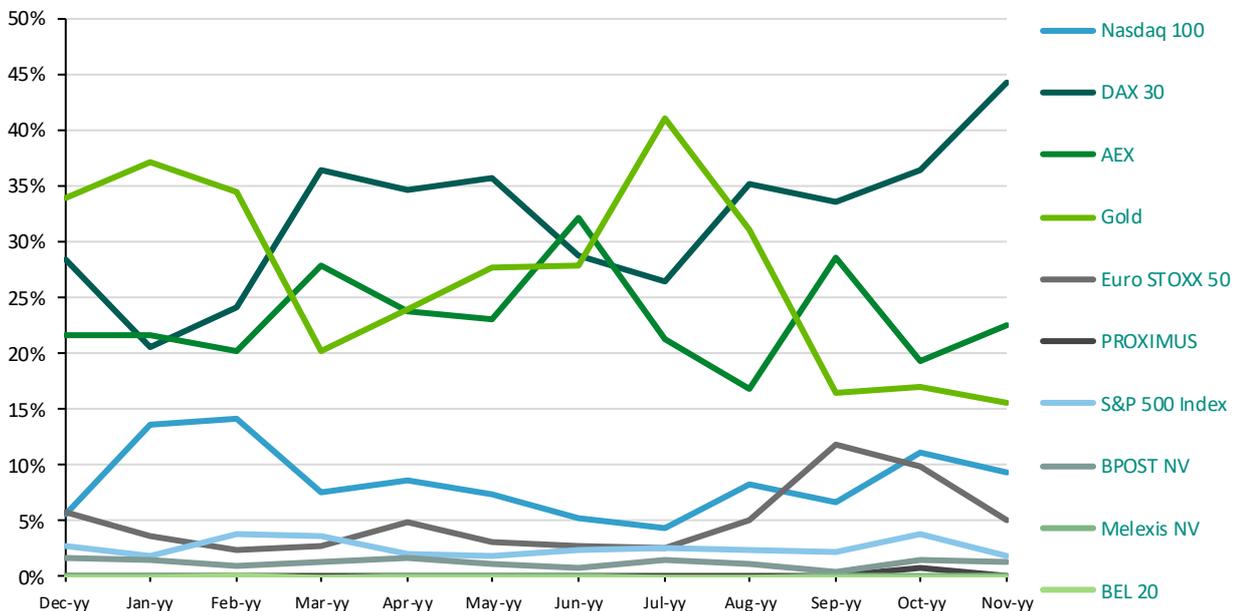
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Brussels.



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Brussels.



TOP 10 UNDERLYINGS

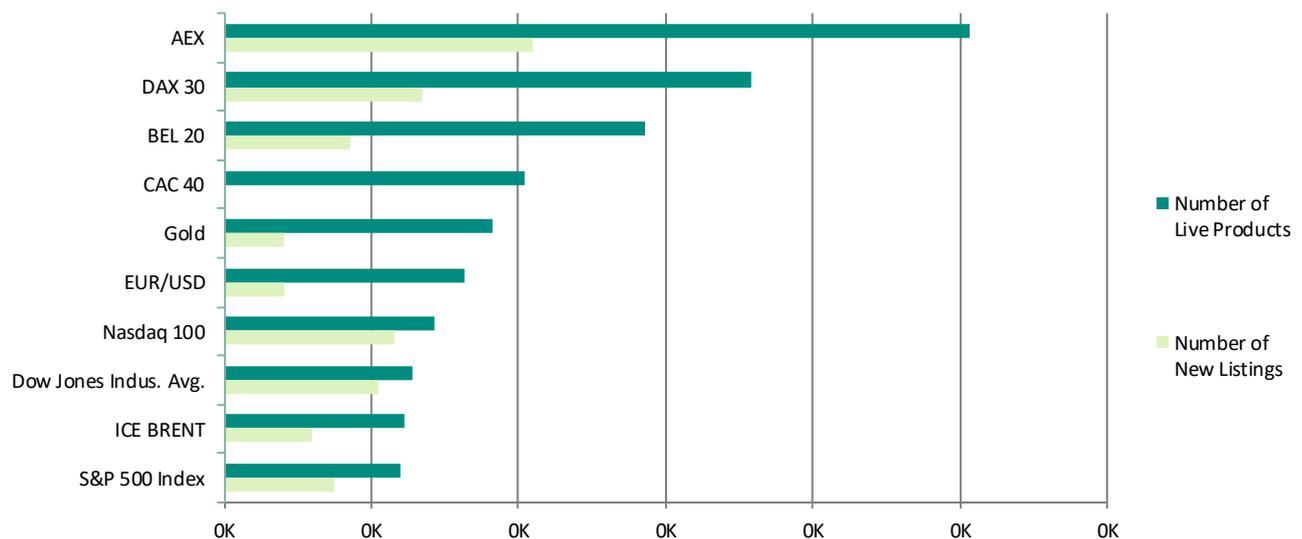
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Brussels for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Brussels.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	101	1.6%	-2.9%	11.5%	42	-38%	-24%	17.4%
DAX 30	72	6.0%	-6.0%	8.1%	27	-49%	-34%	11.2%
BEL 20	57	-2.9%	-12.5%	6.5%	17	-32%	33%	7.1%
CAC 40	41	1.7%	0.1%	4.6%	0	-100%	-100%	0.0%
Gold	37	-5.8%	14.5%	4.1%	8	-56%	-26%	3.3%
EUR/USD	33	4.7%	4.5%	3.7%	8	0.0%	22%	3.3%
Nasdaq 100	29	4.0%	25%	3.2%	23	-17.9%	23%	9.5%
Dow Jones Indus. Avg.	26	-4.8%	12.0%	2.9%	21	-8.7%	47%	8.7%
ICE BRENT	25	2.5%	8.0%	2.8%	12	100%	129%	5.0%
S&P 500 Index	24	14.1%	-21%	2.7%	15	-25%	75%	6.2%
Other	442	0.1%	-1.4%	49.9%	68	-21%	38%	28.2%
Total	885	0.9%	-1.3%	100%	241	-28.7%	8.3%	100%

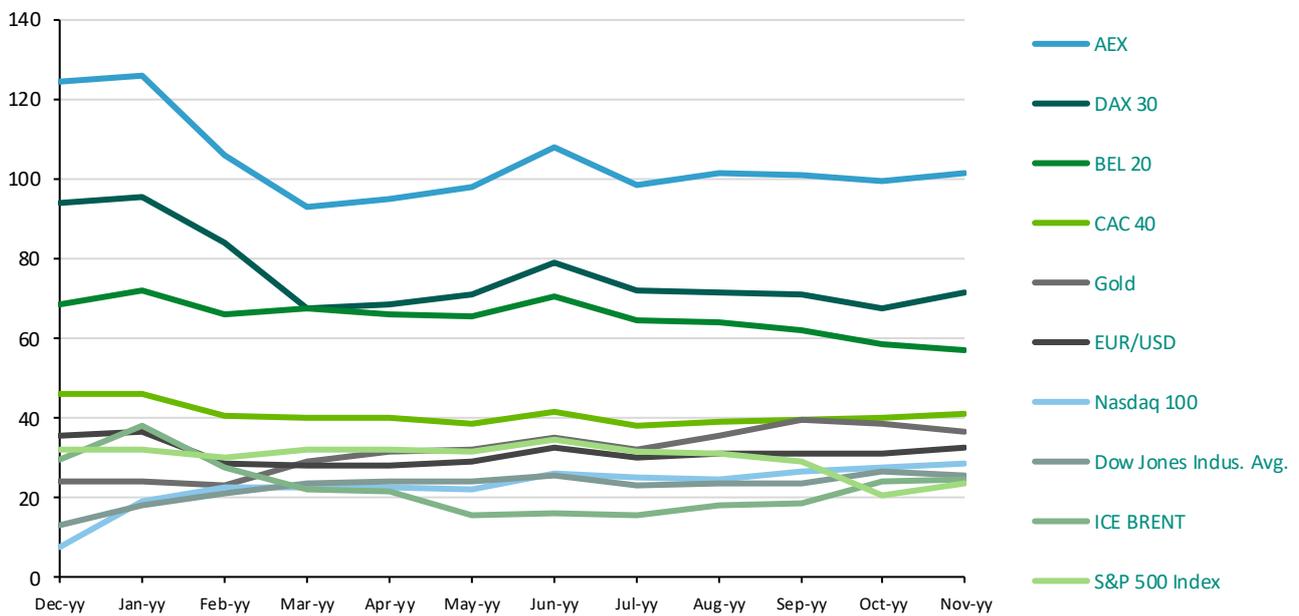
(Source Euronext)



TOP 10 UNDERLYINGS

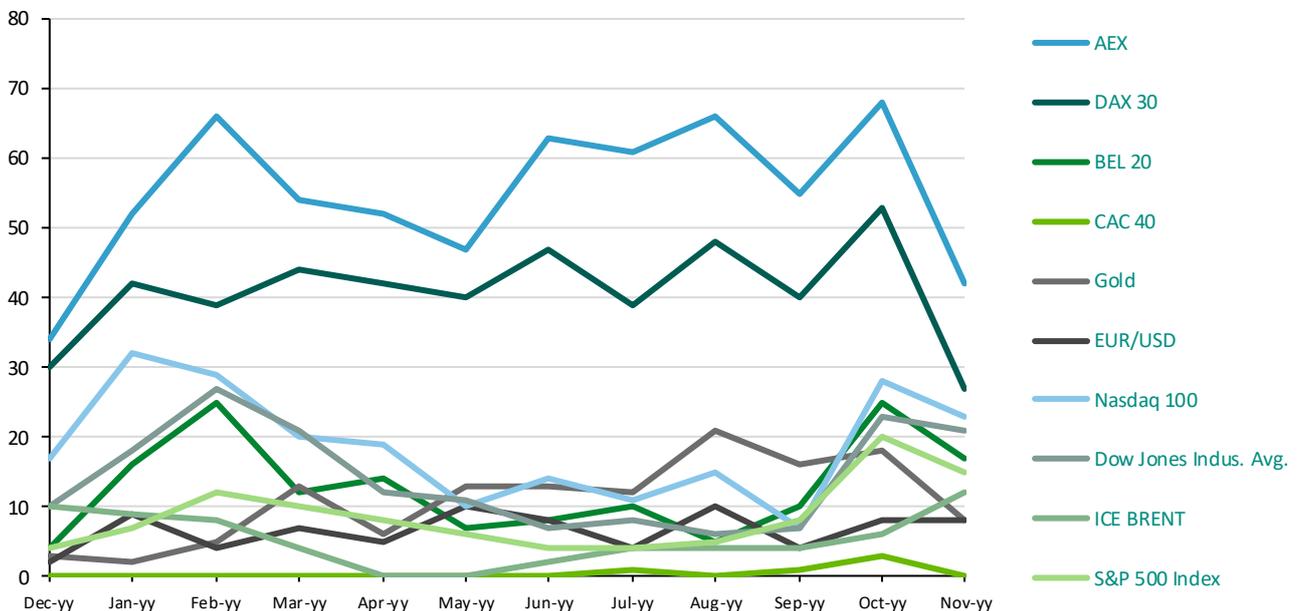
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Brussels.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euronext Brussels.



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer		Product Type	Underlying	Value Traded (in €k)	Nb of Trades
DE000CE72KH6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	5,082	290
DE000CJ3J7D8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	2,816	402
DE000CJ3J961	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,275	48
DE000CJ3KLA6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,743	498
DE000CJ3KEQ7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,574	458
DE000CJ3J9W4	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	1,102	92
DE000CJ3KBJ8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,057	242
DE000CJ3KJH1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	818	460
DE000CJ3KGB4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	660	228
LU1898906059	KBC	1260	Express Certificates	Euro STOXX 50	606	4
DE000CJ3KE50	Commerzbank	2205	Open-End Knock-Out Warrants	PROXIMUS	602	236
DE000CJ3KJK5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	532	274
DE000CJ3KGT6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	519	526
DE000CJ3KFE0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	468	194
DE000CJ3KJ97	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	448	364
DE000CJ3KM50	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	425	60
LU1887465356	KBC	1260	Express Certificates	Euro STOXX 50	389	2
DE000CJ3KF83	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	375	272
DE000CJ3KM35	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	324	306
DE000CJ3KLC2	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	320	64
DE000CJ3KLY6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	302	196
DE000CJ3KKA8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	281	70
DE000CN1V7G9	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	252	76
DE000CJ3KM68	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	229	116
DE000CE72G33	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	224	74
DE000CJ3KLZ3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	205	224
DE000CJ3J920	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	199	30
DE000CJ3KJK9	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	184	18
DE000CJ3KJR4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	178	80
DE000CA1SHF9	Commerzbank	2205	Open-End Knock-Out Warrants	BPOST NV	170	220
DE000CJ3J839	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	166	12
DE000CJ3KMW8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	165	96
DE000CJ3KMD8	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	165	14
DE000CJ3KLR0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	163	144
DE000CJ3KJU8	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	147	68
DE000CJ3KD77	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	140	50
DE000CJ3KML1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	127	62
DE000CN8ZS96	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	119	106
DE000CE71XA6	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	115	22
DE000CN8ZQK5	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	113	62
DE000CJ3KJAO	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	112	96
DE000CE72XK3	Commerzbank	2205	Open-End Knock-Out Warrants	Ageas	110	44
DE000CJ3KJK5	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	108	10
DE000CJ3KGL3	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	108	40
DE000CJ3KKE0	Commerzbank	2205	Open-End Knock-Out Warrants	BPOST NV	107	152
DE000CJ3KDP1	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	104	46
LU1830982507	KBC	2100	Warrants	Sanofi-Aventis	103	6
DE000CJ3KKV4	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	101	8
DE000CN90NS0	Commerzbank	2205	Open-End Knock-Out Warrants	Total	101	68
DE000CJ3KDJ4	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	100	46

(Source Euronext)



Euronext Lisbon

ISSUERS

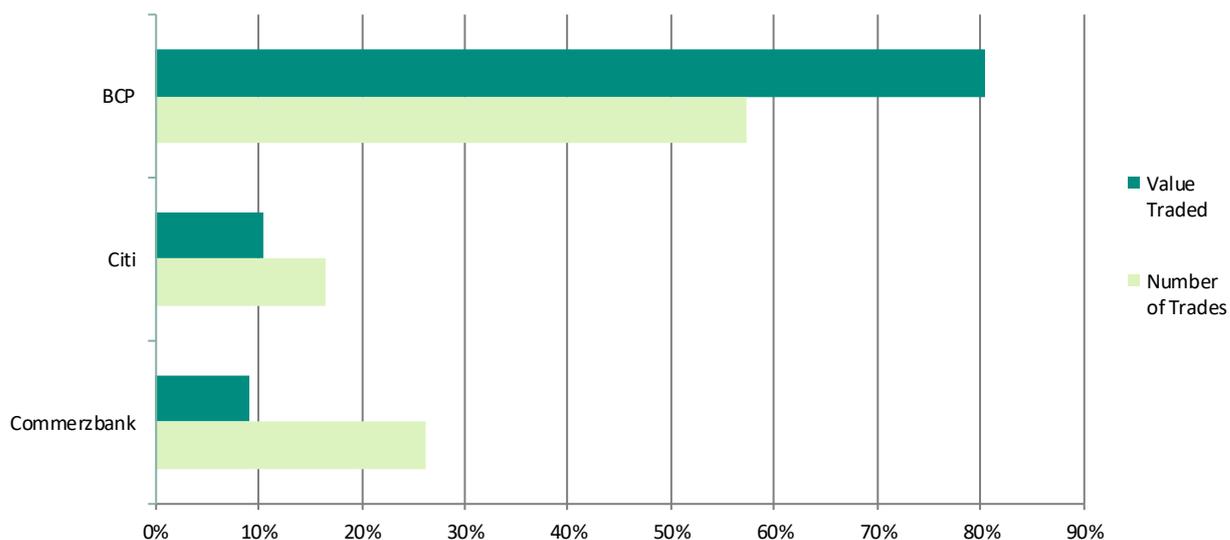
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Lisbon.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	1,605	-9.8%	-28%	80.4%	142	-15.4%	-33.7%	57.3%
Citi	210	36%	-34%	10.5%	41	-17.7%	-25.1%	16.5%
Commerzbank	181	-3.0%	-45%	9.0%	65	-7.6%	-10.4%	26.2%
Total	1,996	-5.9%	-30.4%	100%	248	-13.9%	-27.4%	100%

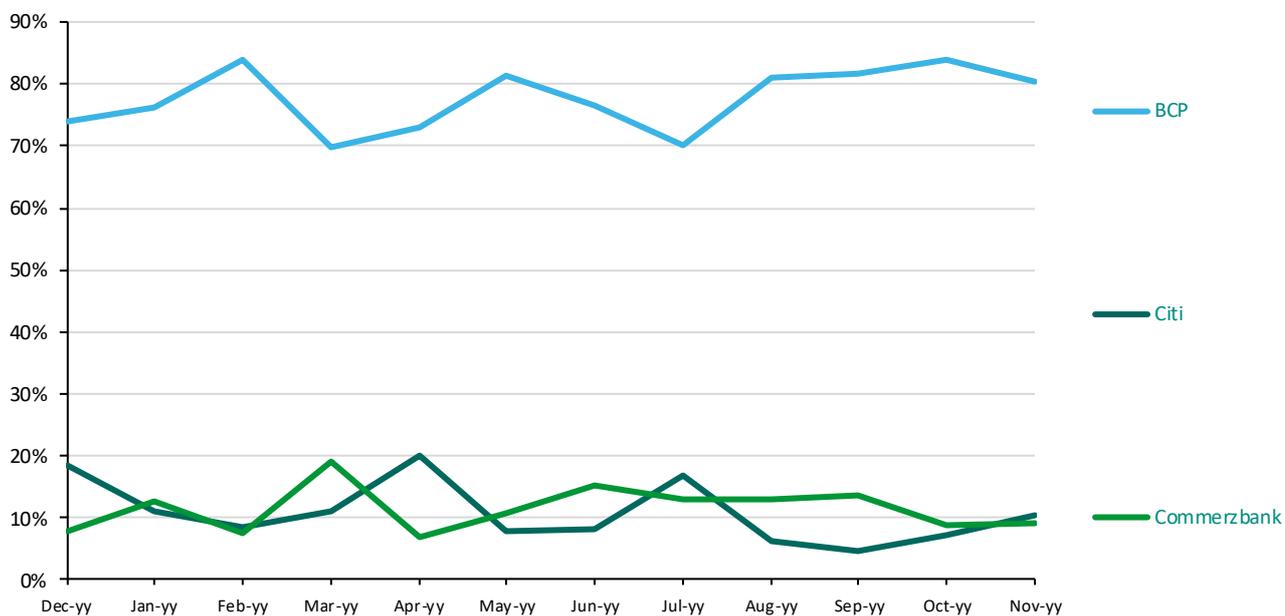
(Source Euronext)



ISSUERS

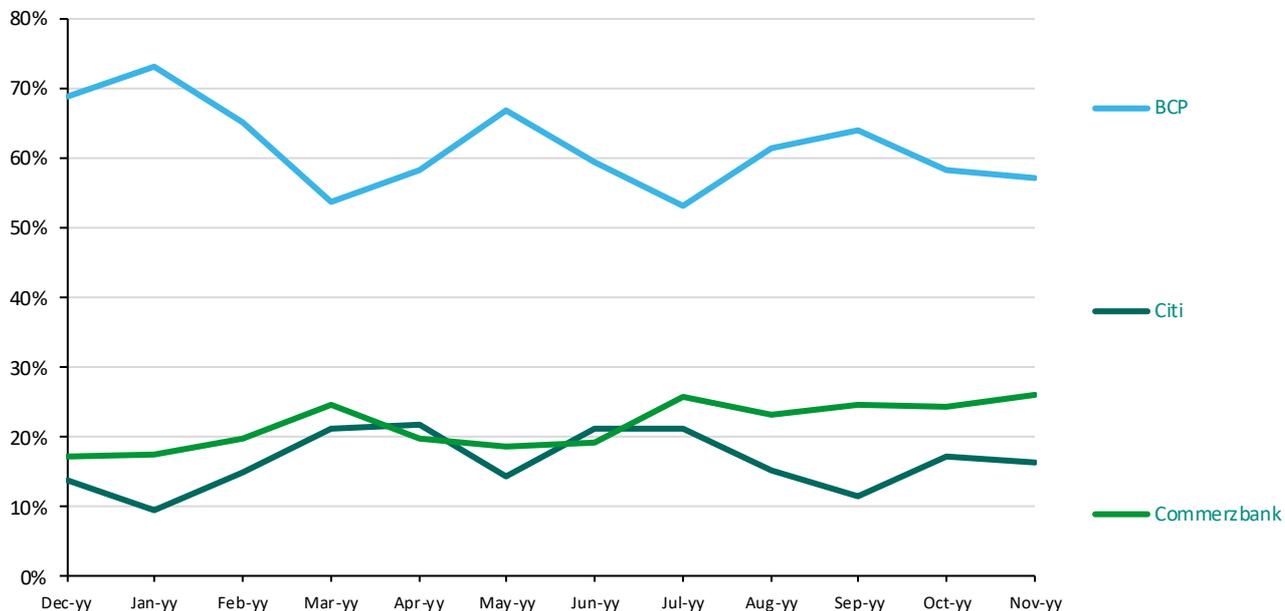
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Euronext Lisbon.



ISSUERS

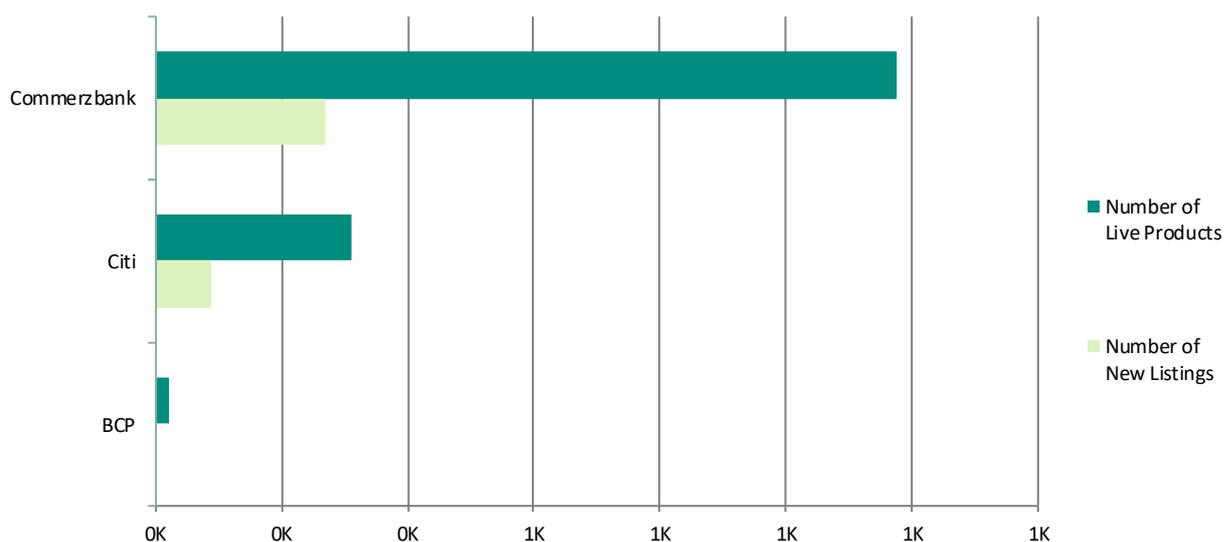
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	1,177	7.8%	1.4%	77.9%	268	-0.7%	15.0%	75.3%
Citi	312	5.3%	-10.0%	20.6%	88	-3.3%	-25%	24.7%
BCP	22	-0.4%	-3.6%	1.5%	0		-100%	0.0%
Total	1,511	7.2%	-1.2%	100%	356	-1.4%	1.6%	100%

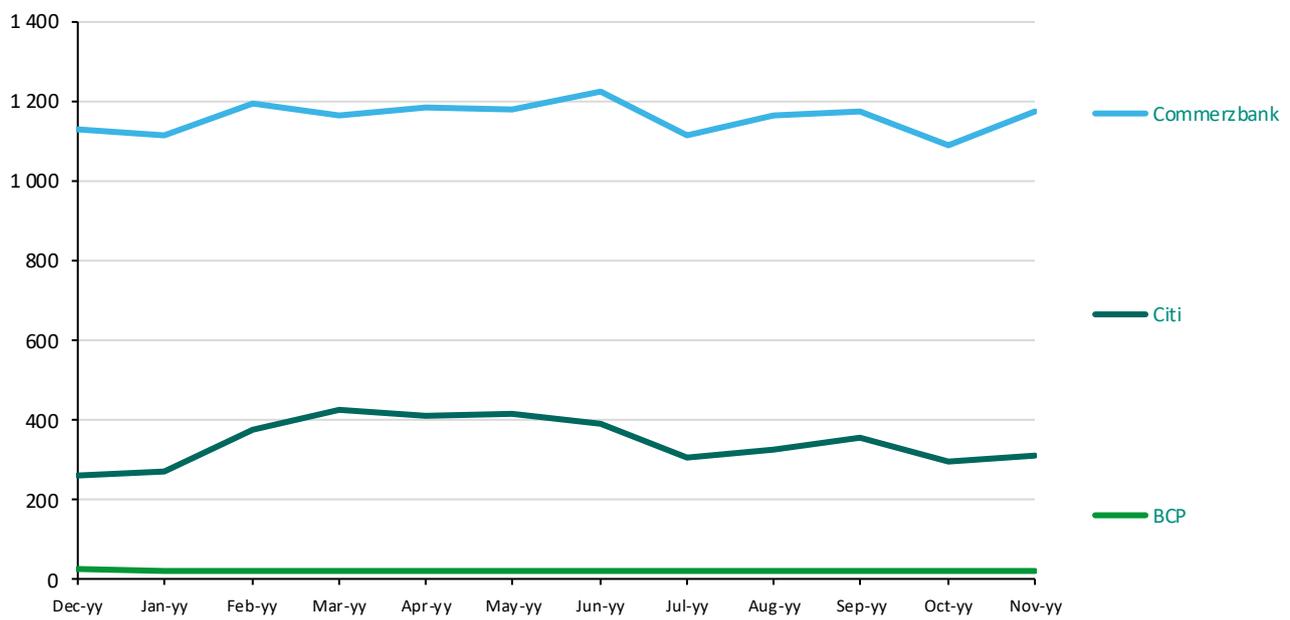
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ISSUERS

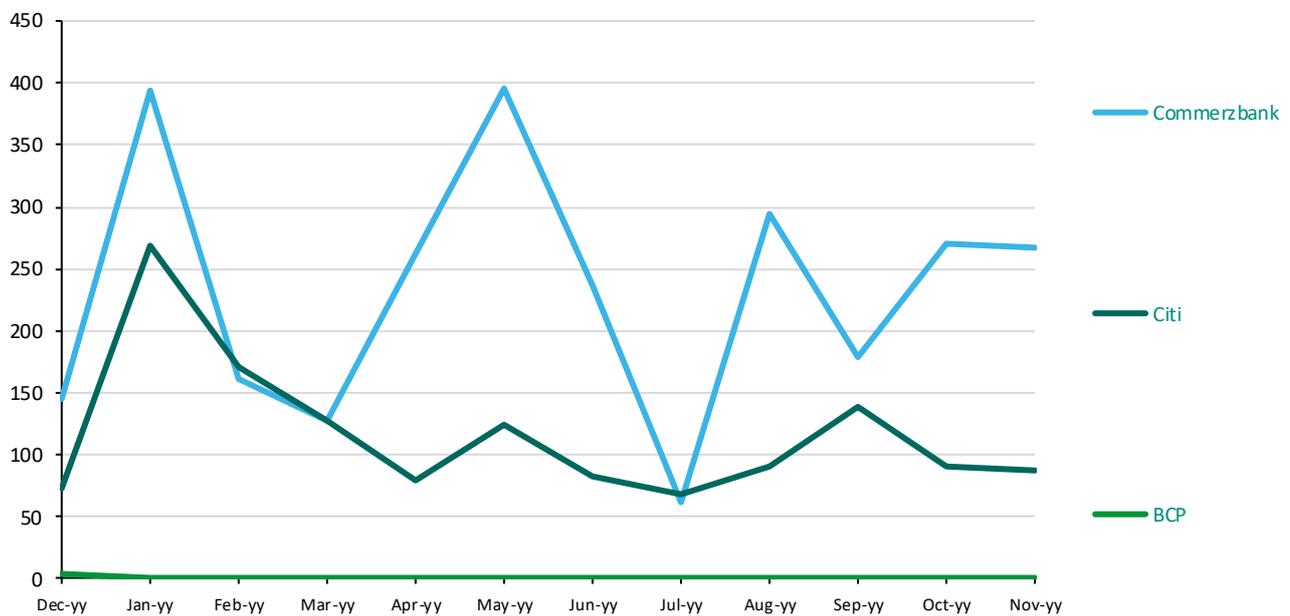
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Lisbon.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Lisbon.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

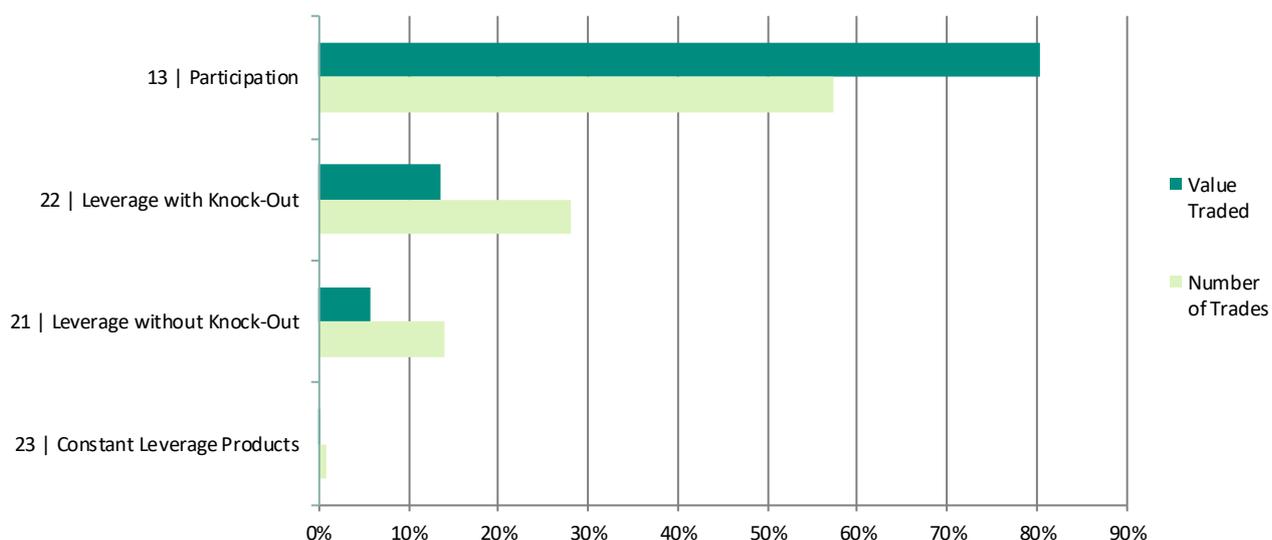
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13 Participation	1,605	-9.8%	-28%	80.4%	142	-15.4%	-34%	57.3%
22 Leverage with Knock-Out	271	10.8%	-48%	13.6%	69	-14.8%	-26%	28.0%
21 Leverage without Knock-Out	116	24%	6.7%	5.8%	35	-6.8%	13.0%	14.0%
23 Constant Leverage Products	4	41%	-64%	0.2%	1.9	29%	-39%	0.8%
Total	1,996	-5.9%	-30.4%	100%	248	-13.9%	-27.4%	100%

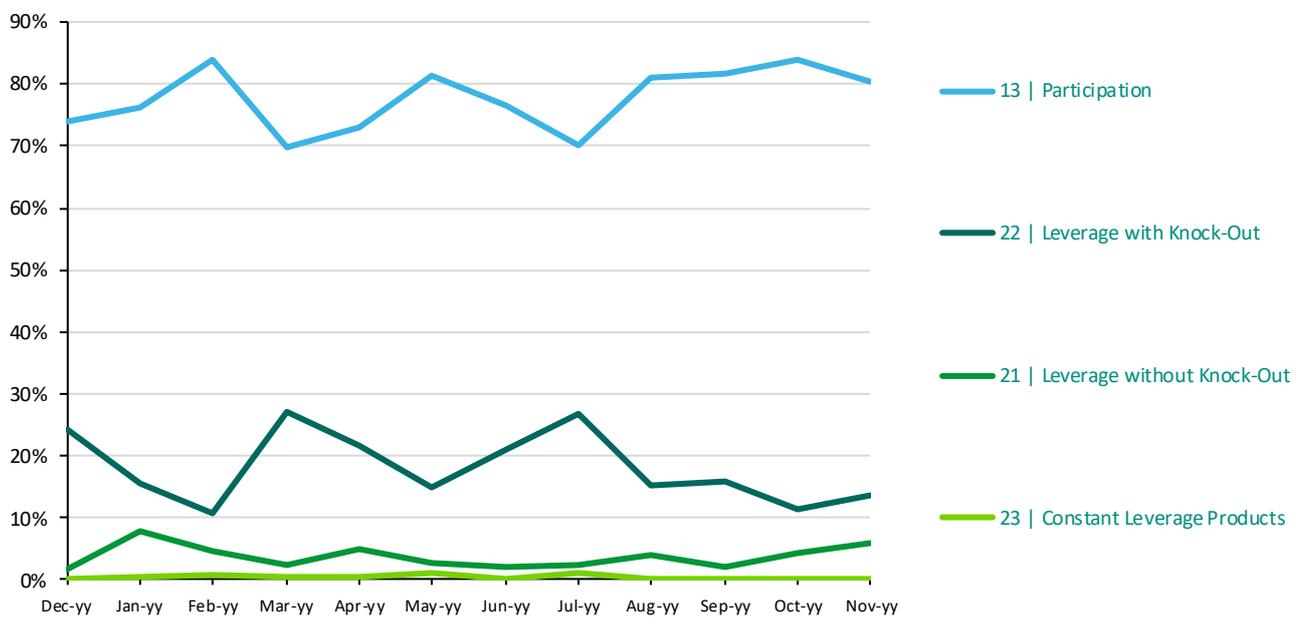
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

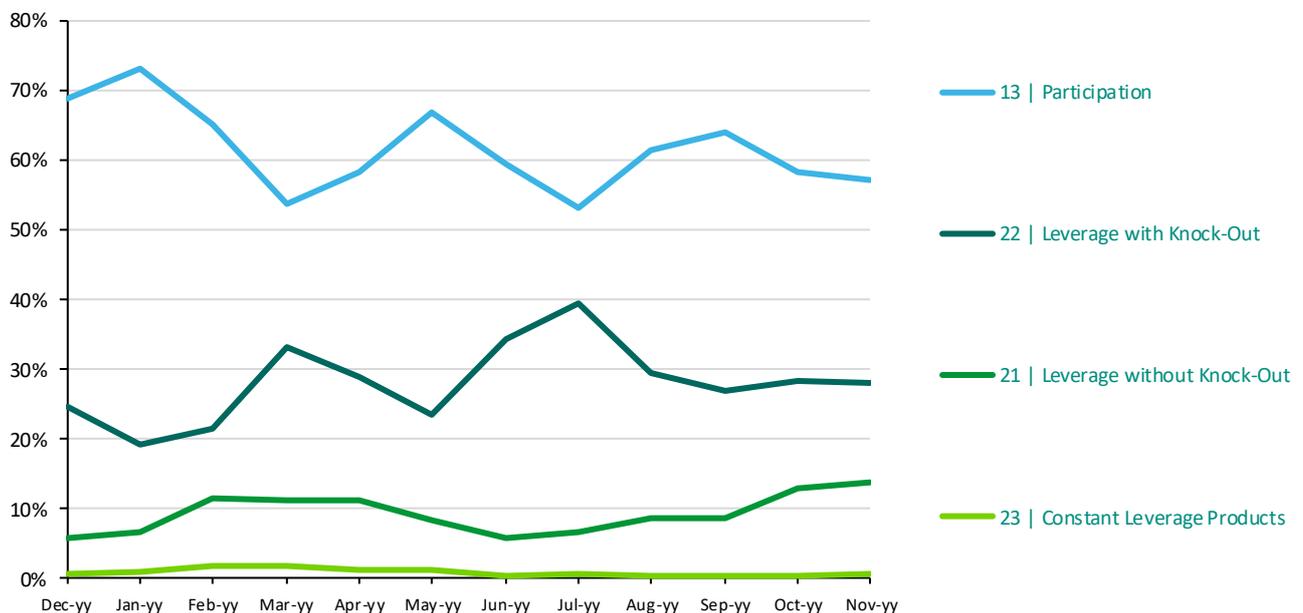
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Lisbon.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

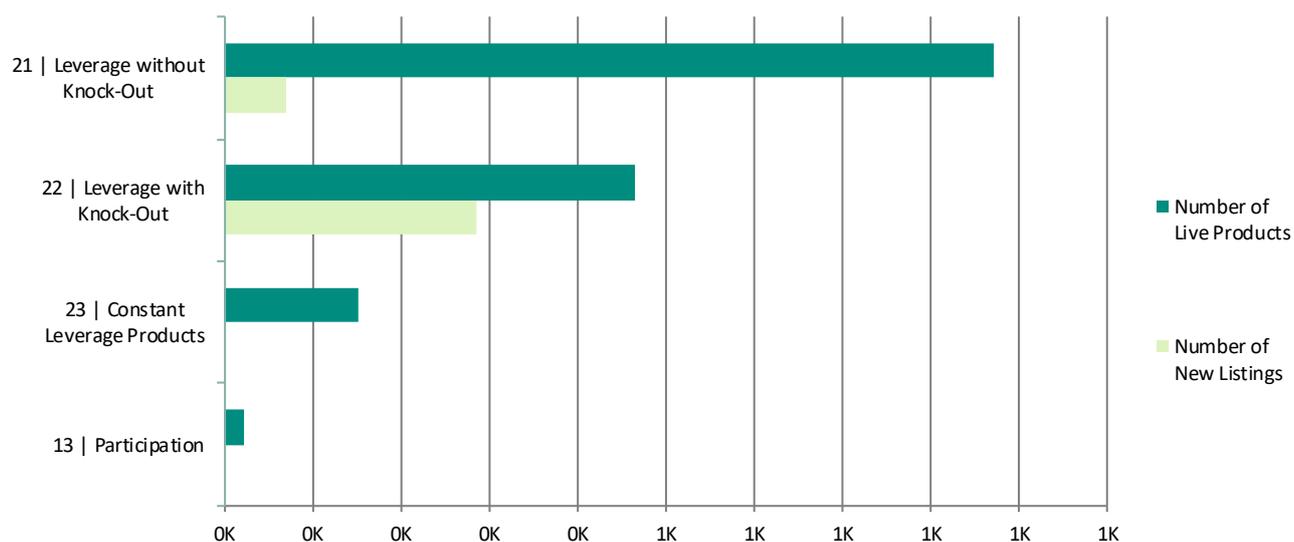
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
21 Leverage without Knock-Out	871	6.7%	-0.4%	57.7%	70	-9.1%	-38%	19.7%
22 Leverage with Knock-Out	466	14.2%	16.2%	30.8%	286	0.7%	21%	80.3%
23 Constant Leverage Products	152	-7.0%	-34%	10.0%	0		-100%	0.0%
13 Participation	22	-0.4%	-3.6%	1.5%	0		-100%	0.0%
Total	1,511	7.2%	-1.2%	100%	356	-1.4%	1.6%	100%

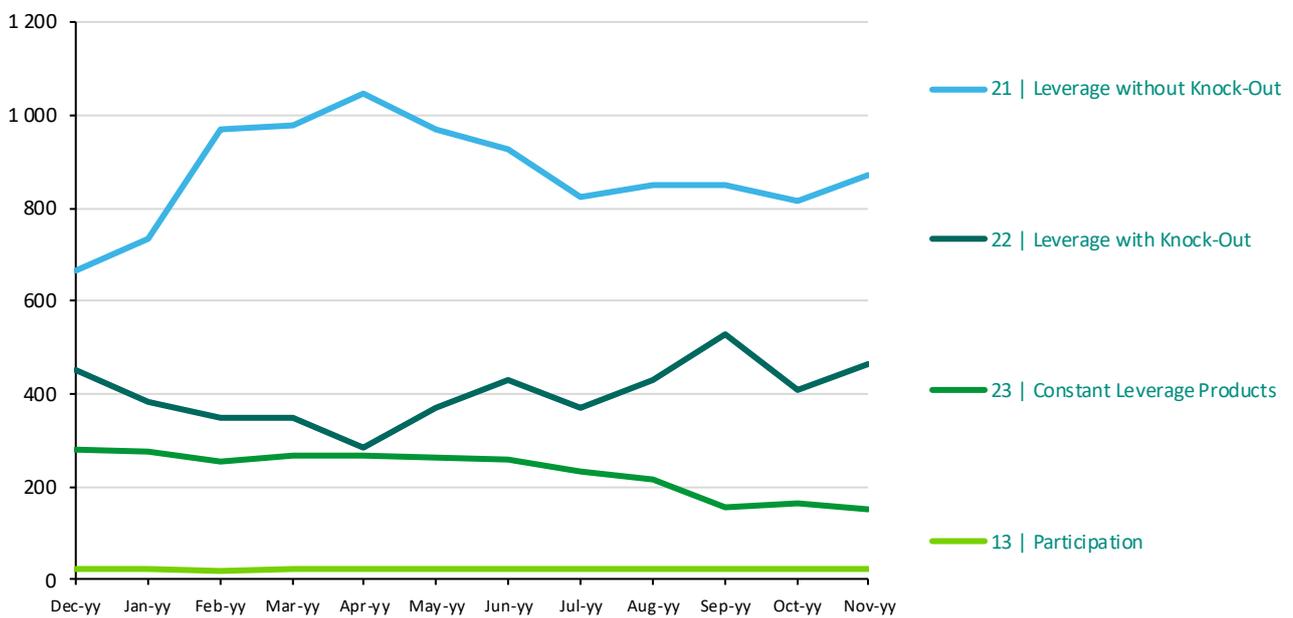
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

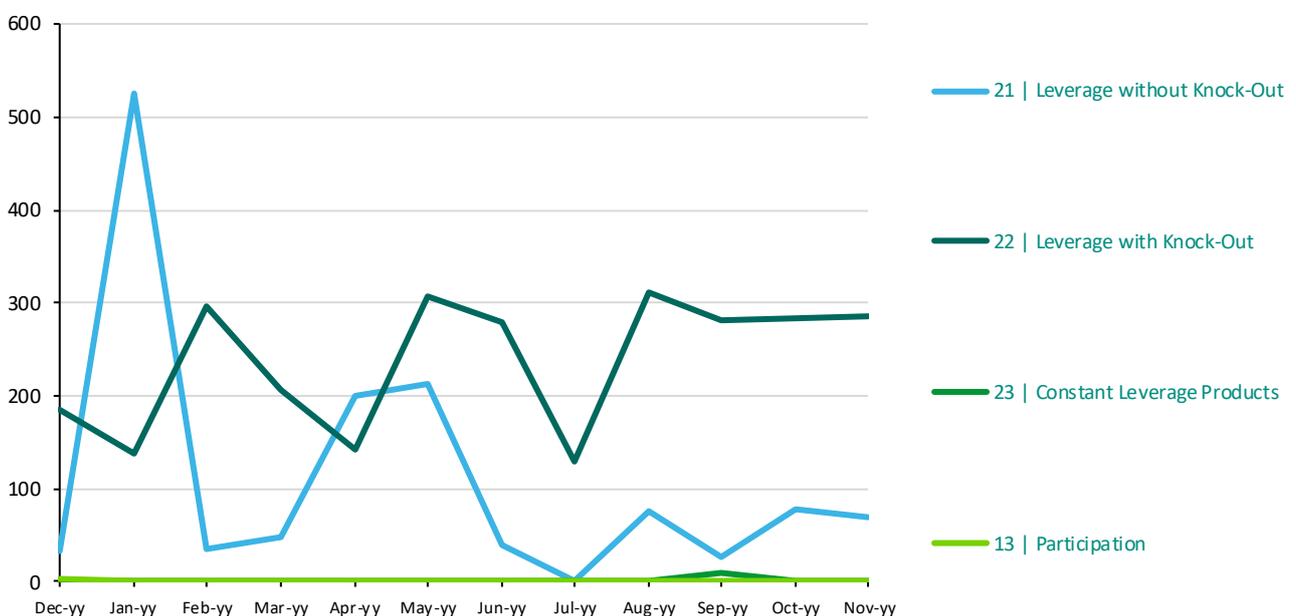
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Lisbon.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Lisbon.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

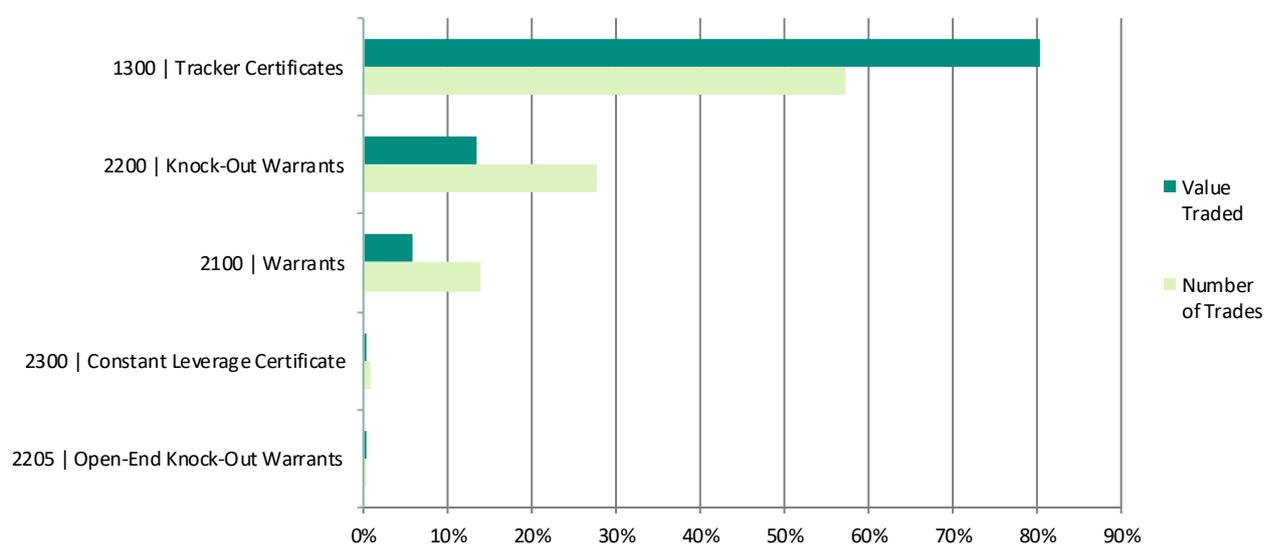
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300 Tracker Certificates	1,605	-9.8%	-28%	80.4%	142	-15.4%	-34%	57.3%
2200 Knock-Out Warrants	269	10.2%	-49%	13.5%	69	-15.3%	-26%	27.7%
2100 Warrants	116	24%	6.7%	5.8%	35	-6.8%	13.0%	14.0%
2300 Constant Leverage Certificate	4	41%	-64%	0.2%	1.9	29%	-39%	0.8%
2205 Open-End Knock-Out Warrants	2	657%	712%	0.1%	0.7	57%	331%	0.3%
Total	1,996	-5.9%	-30.4%	100%	248	-13.9%	-27.4%	100%

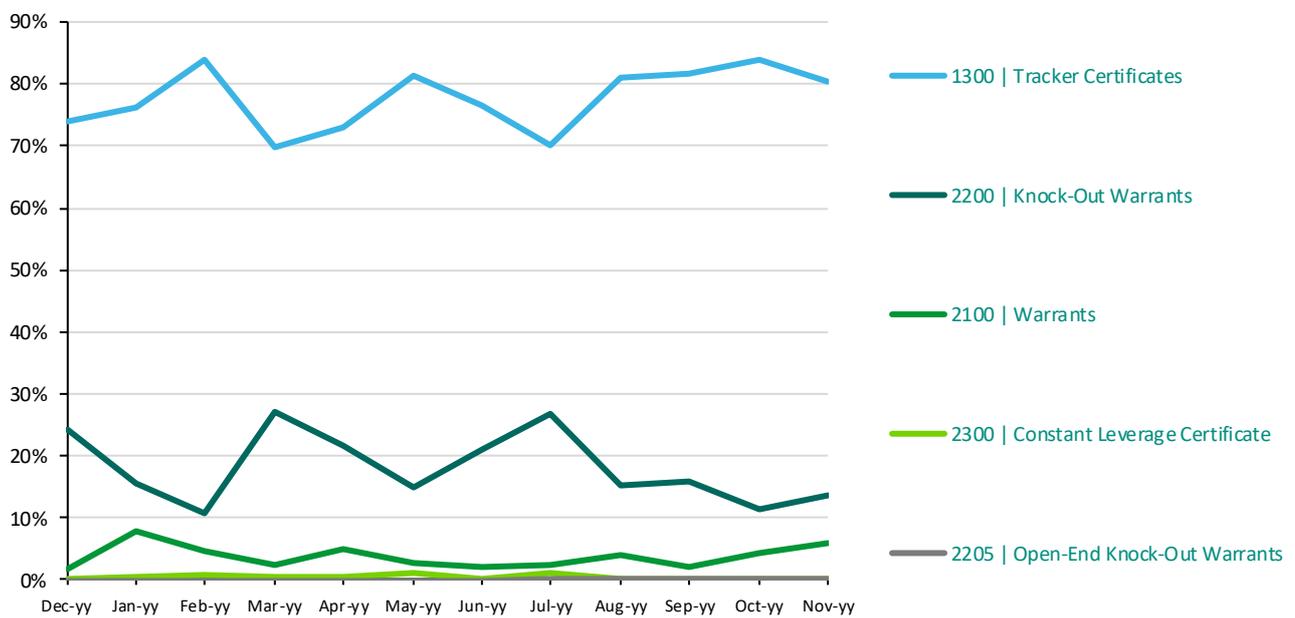
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

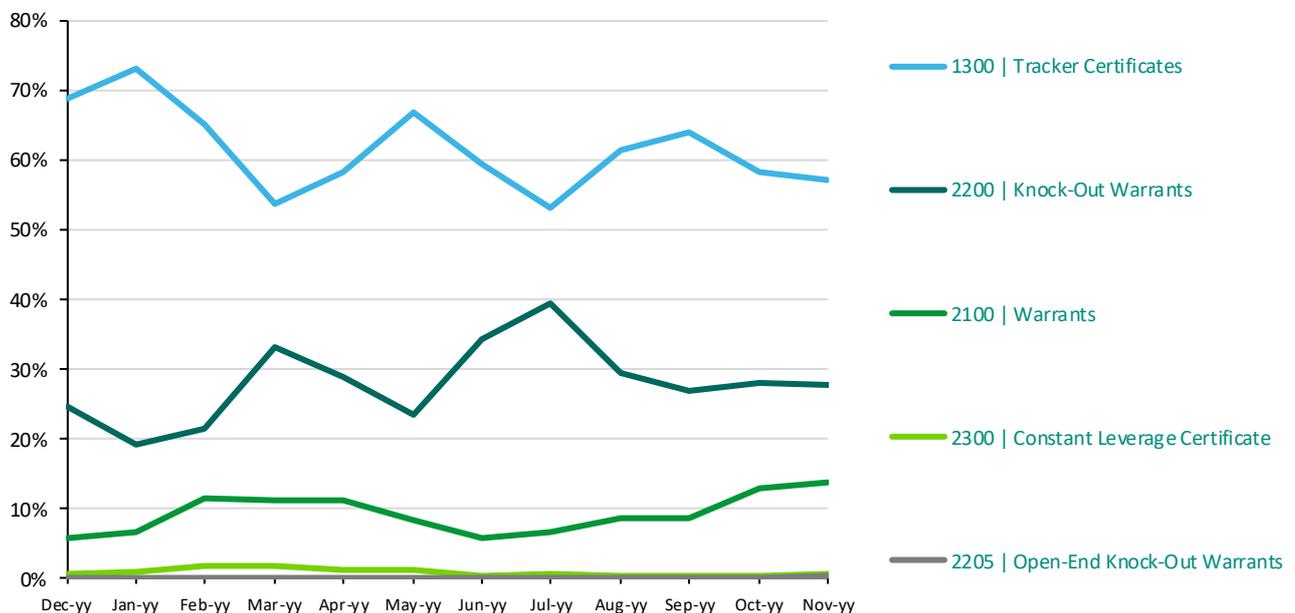
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Lisbon.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

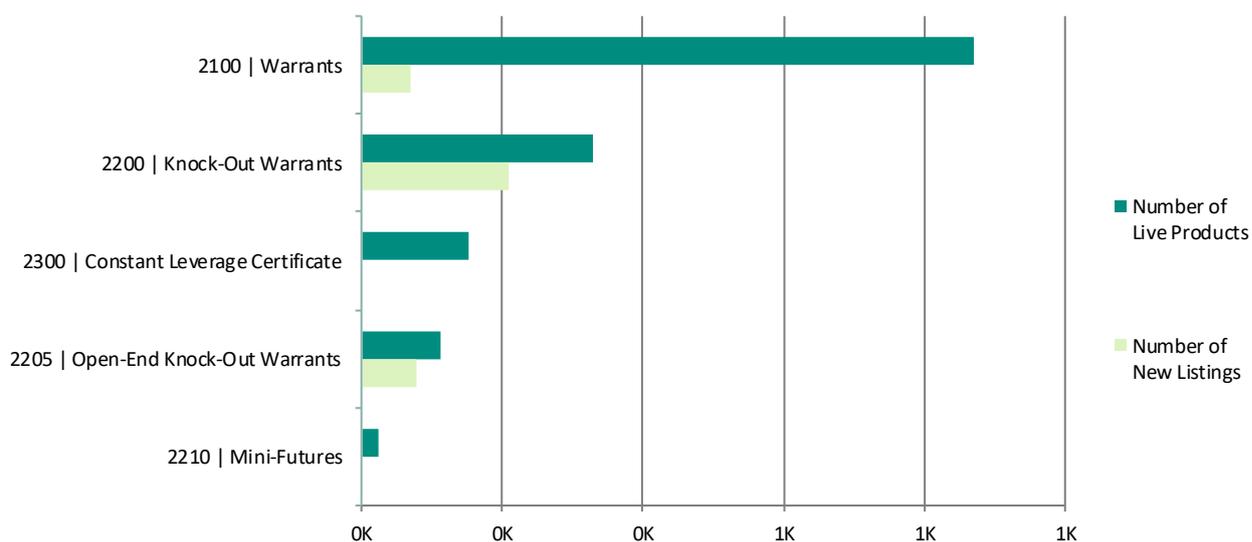
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	871	6.7%	-0.4%	57.7%	70	-9.1%	-38%	19.7%
2200 Knock-Out Warrants	330	10.1%	-7.3%	21.8%	208	-27%	-4.2%	58.4%
2300 Constant Leverage Certificate	152	-7.0%	-34%	10.0%	0		-100%	0.0%
2205 Open-End Knock-Out Warrants	112	35%	211%	7.4%	78		339%	21.9%
2210 Mini-Futures	24	-5.2%	165%	1.6%	0		-100%	0.0%
Total	1,511	7.2%	-1.2%	100%	356	-1.4%	1.6%	100%

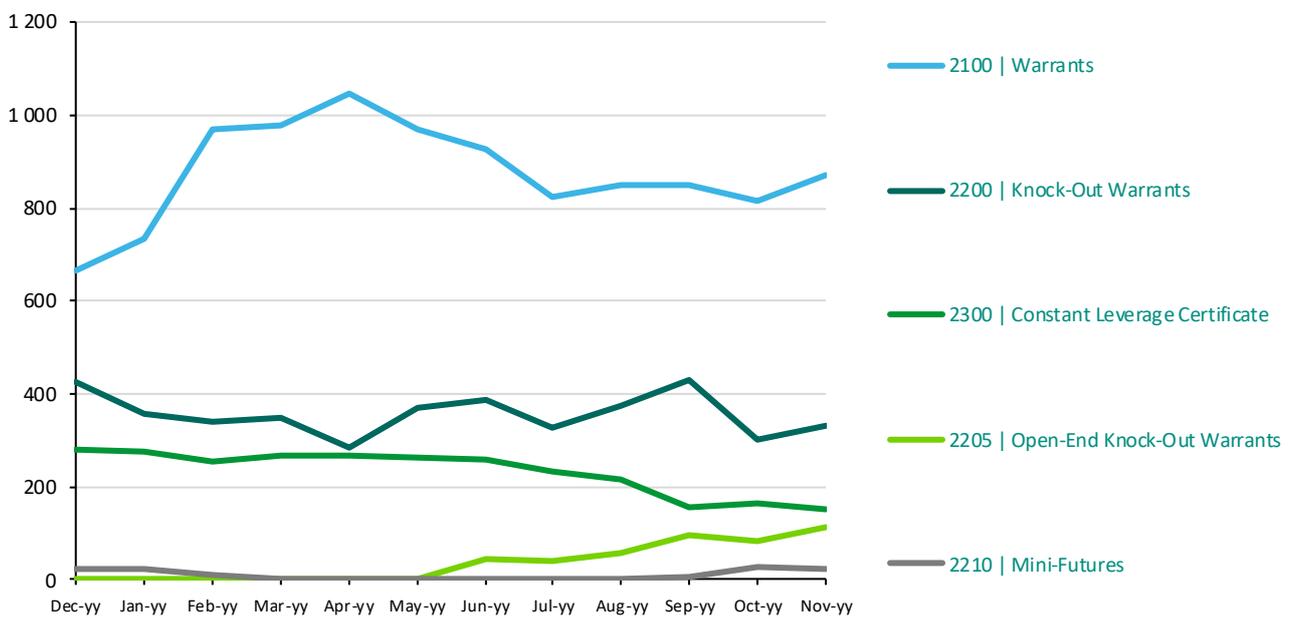
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

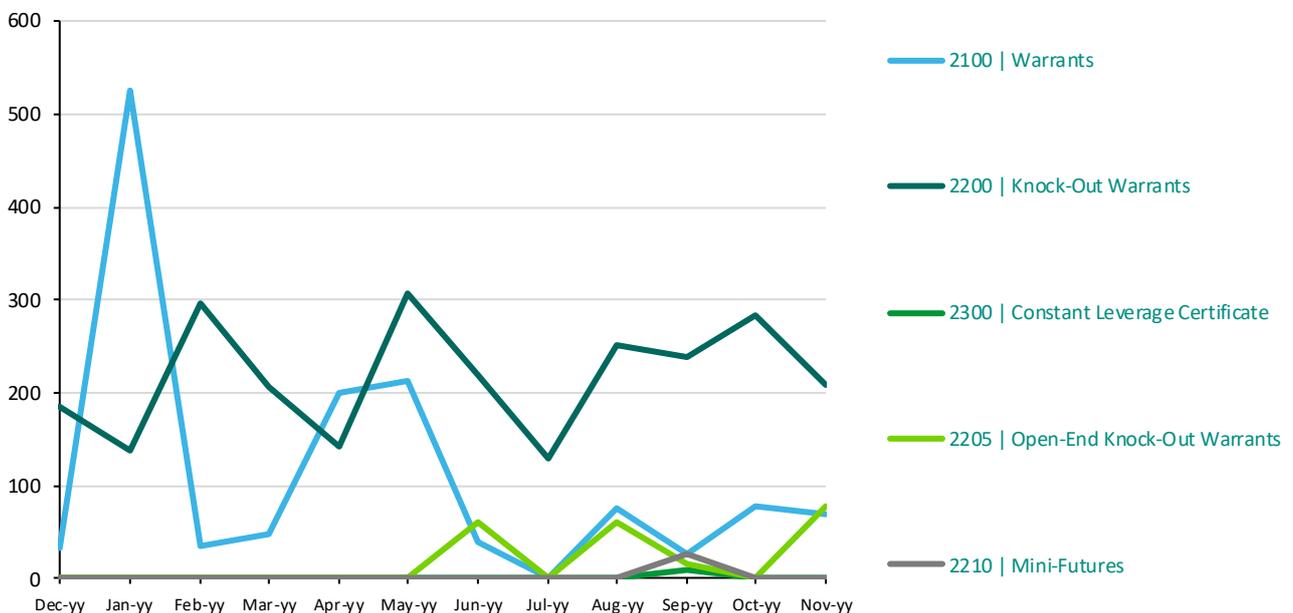
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Lisbon.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Lisbon.



PRODUCT STRATEGIES

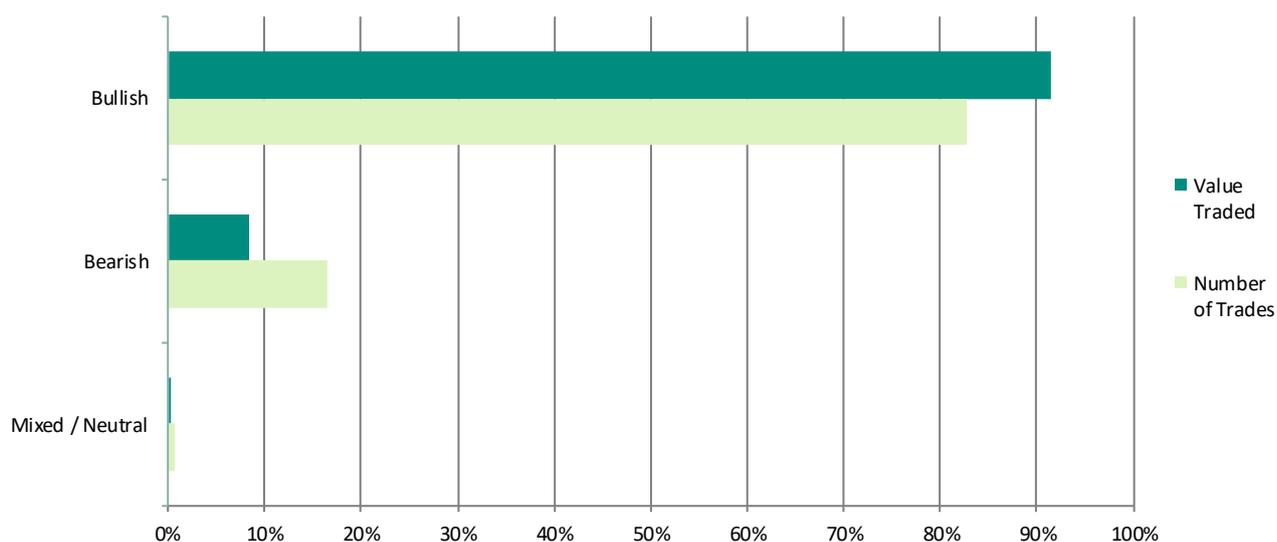
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	1,824	-7.8%	-29%	91.4%	205	-15.4%	-27%	82.8%
Bearish	168	21%	-41%	8.4%	41	-8.2%	-31%	16.4%
Mixed / Neutral	4	47%	-65%	0.2%	1.8	67%	-38%	0.7%
Total	1,996	-5.9%	-30.4%	100%	248	-13.9%	-27.4%	100%

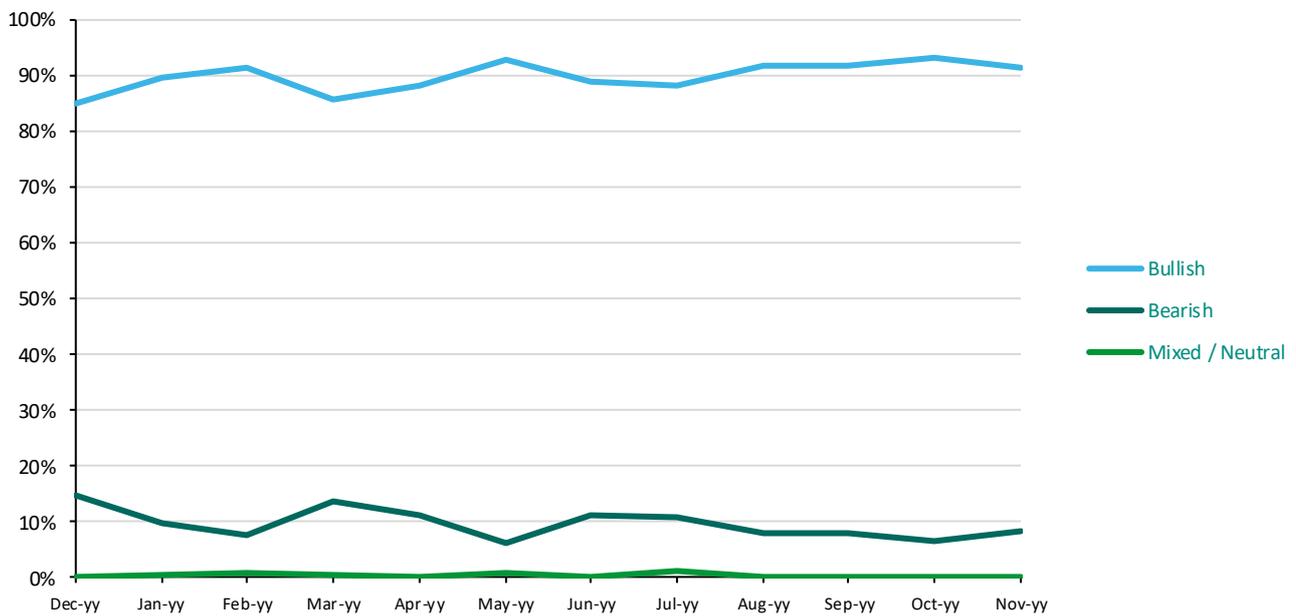
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PRODUCT STRATEGIES

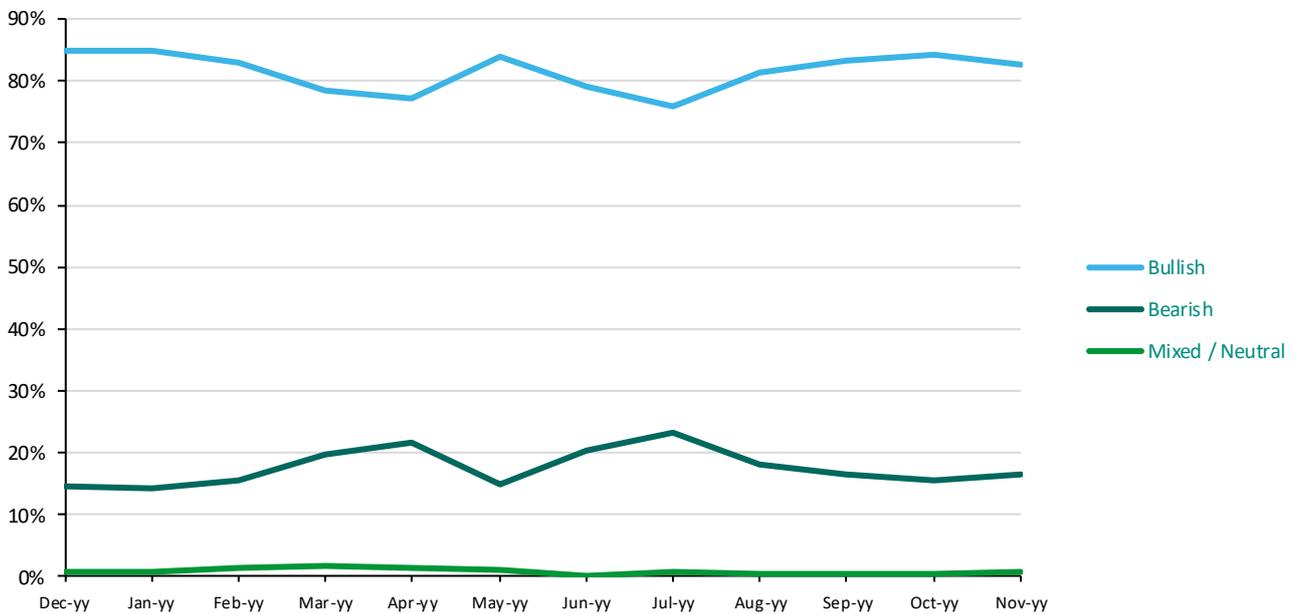
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Lisbon.



PRODUCT STRATEGIES

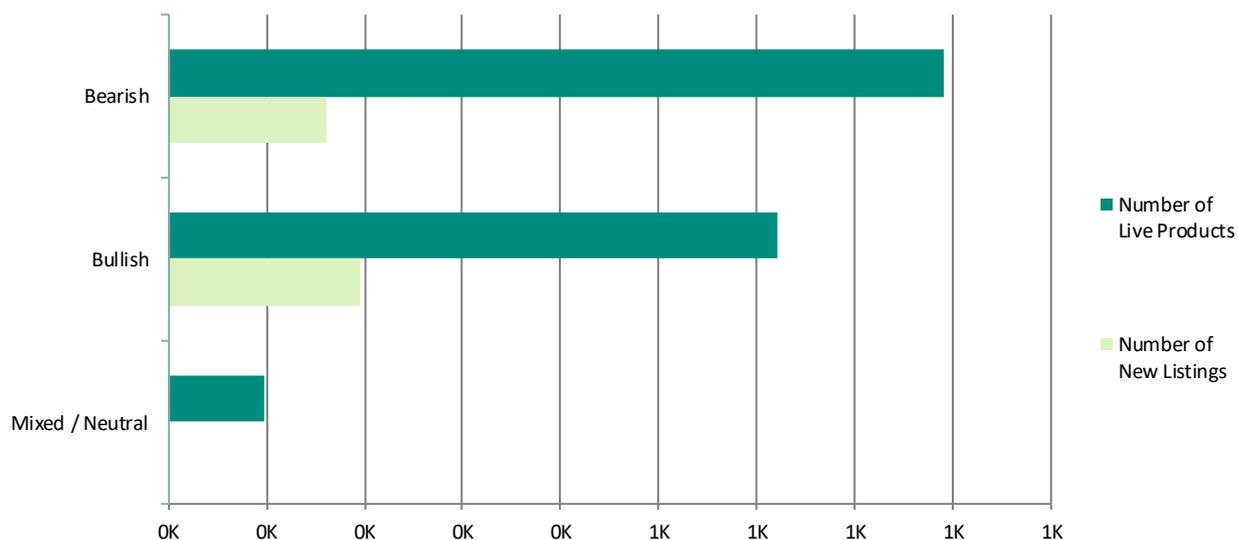
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bearish	791	15.6%	18.2%	52.4%	160	-10.6%	-6.1%	44.9%
Bullish	621	0.2%	-9.9%	41.1%	196	7.7%	9.3%	55.1%
Mixed / Neutral	99	-6.5%	-42%	6.5%	0		-100%	0.0%
Total	1,511	7.2%	-1.2%	100%	356	-1.4%	1.6%	100%

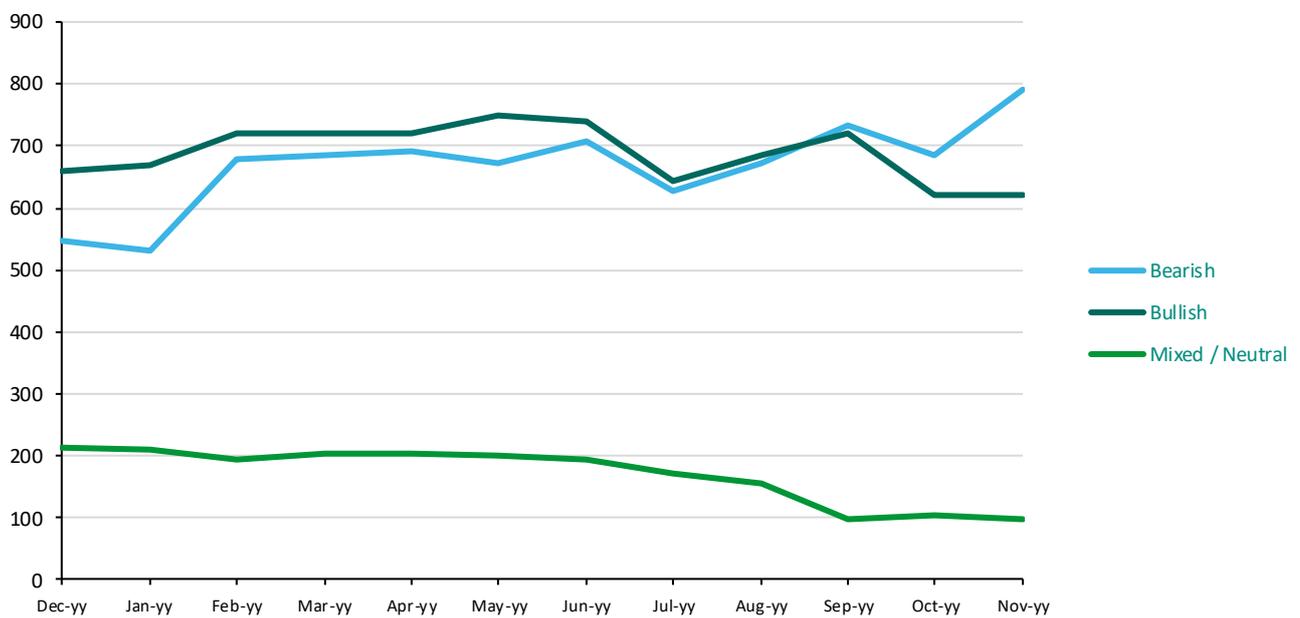
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PRODUCT STRATEGIES

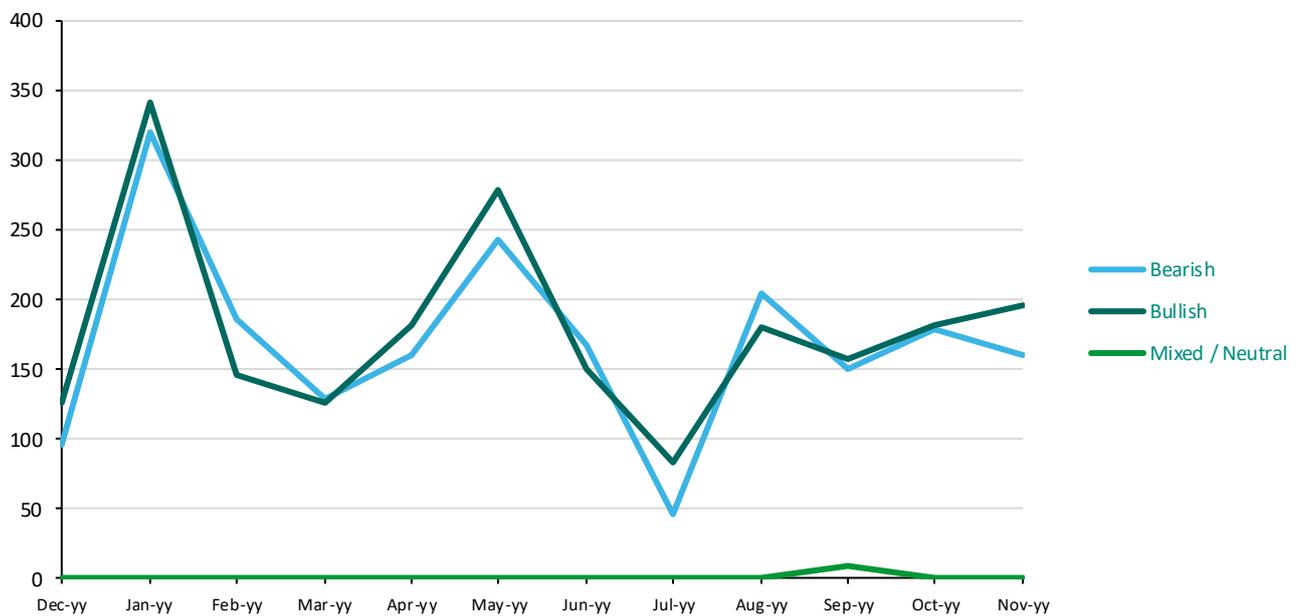
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Lisbon.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Lisbon.



UNDERLYING TYPES

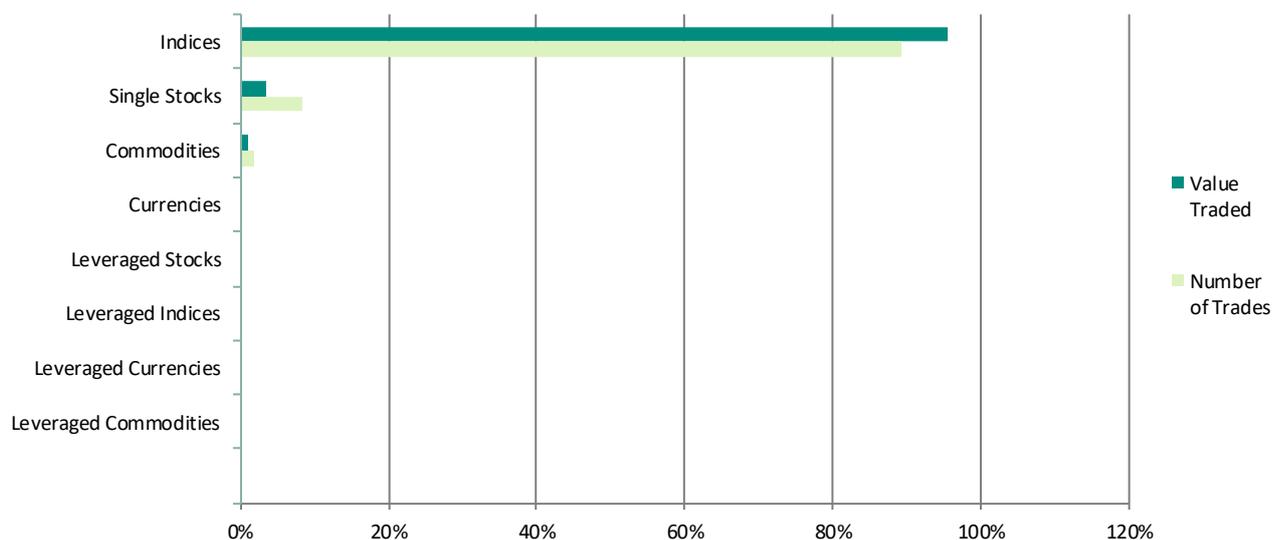
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Lisbon.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	1,909	-5.2%	-29%	95.7%	222	-13.9%	-29%	89.5%
Single Stocks	68	-14.2%	-43%	3.4%	21	-17.6%	-12.3%	8.4%
Commodities	18	-33%	-52%	0.9%	4.7	9.8%	-12.4%	1.9%
Currencies	0	14.7%	-92%	0.0%	0.5	-17.9%	-70%	0.2%
Leveraged Stocks	0	219%	458%	0.0%	0.1	109%	68%	0.0%
Leveraged Indices	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Leveraged Currencies	0			0.0%	0.0			0.0%
Leveraged Commodities	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
	0			0.0%	0.0			0.0%
Total	1,996	-5.9%	-30.4%	100%	248	-13.9%	-27.4%	100%

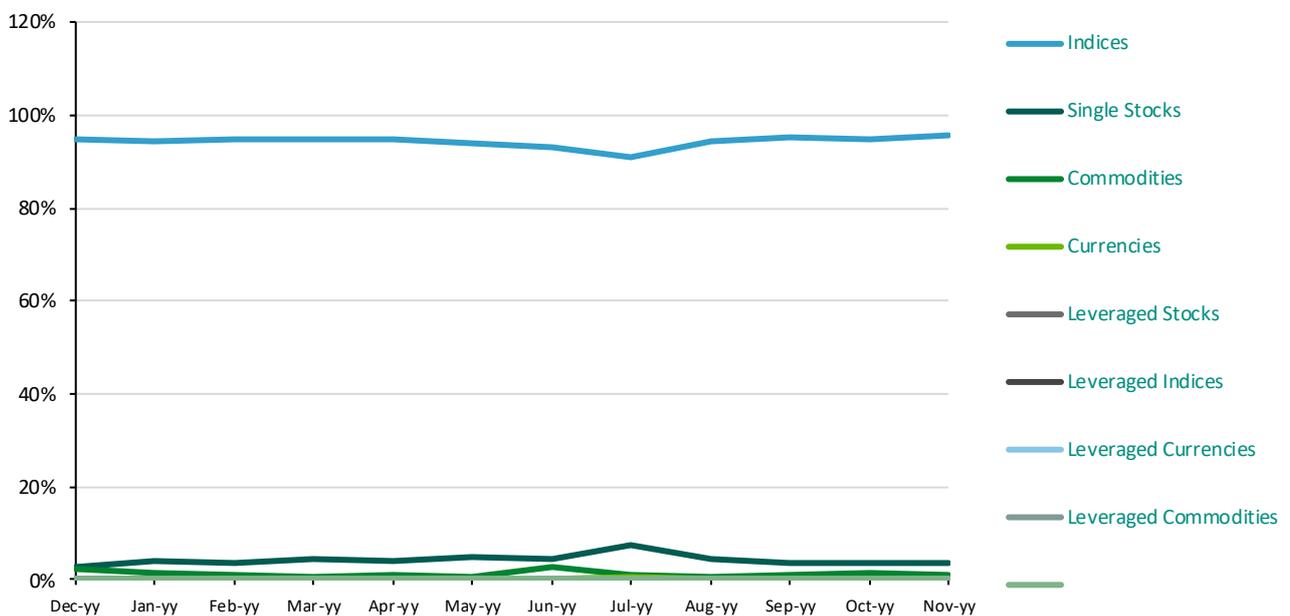
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UNDERLYING TYPES

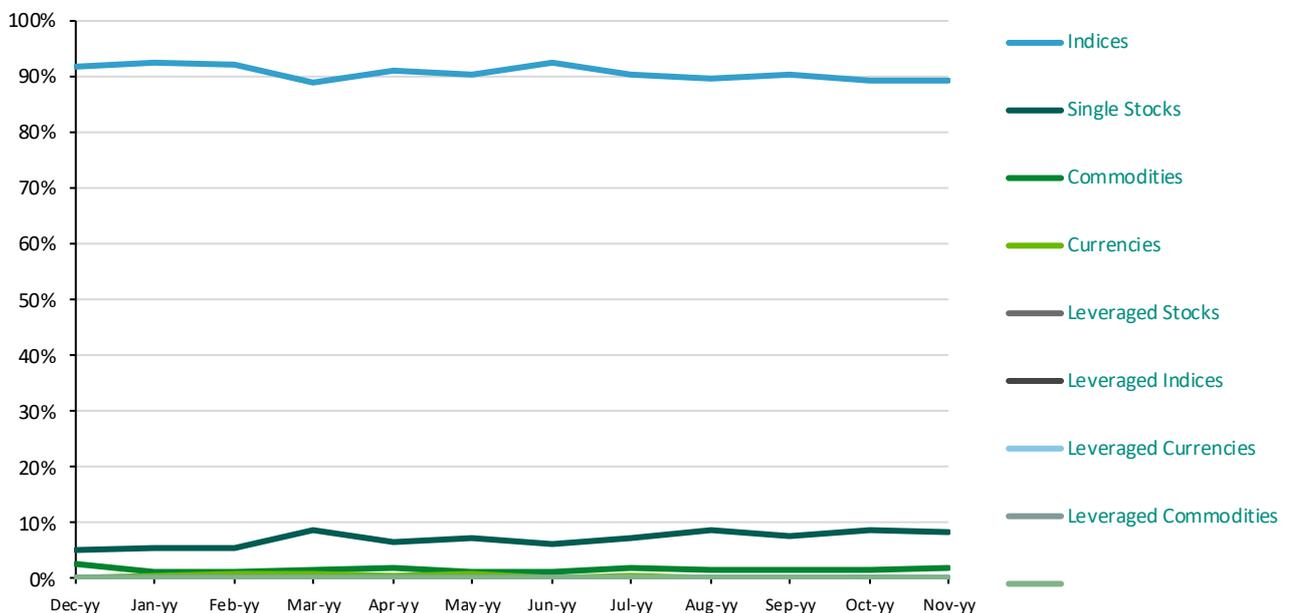
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Euronext Lisbon.



UNDERLYING TYPES

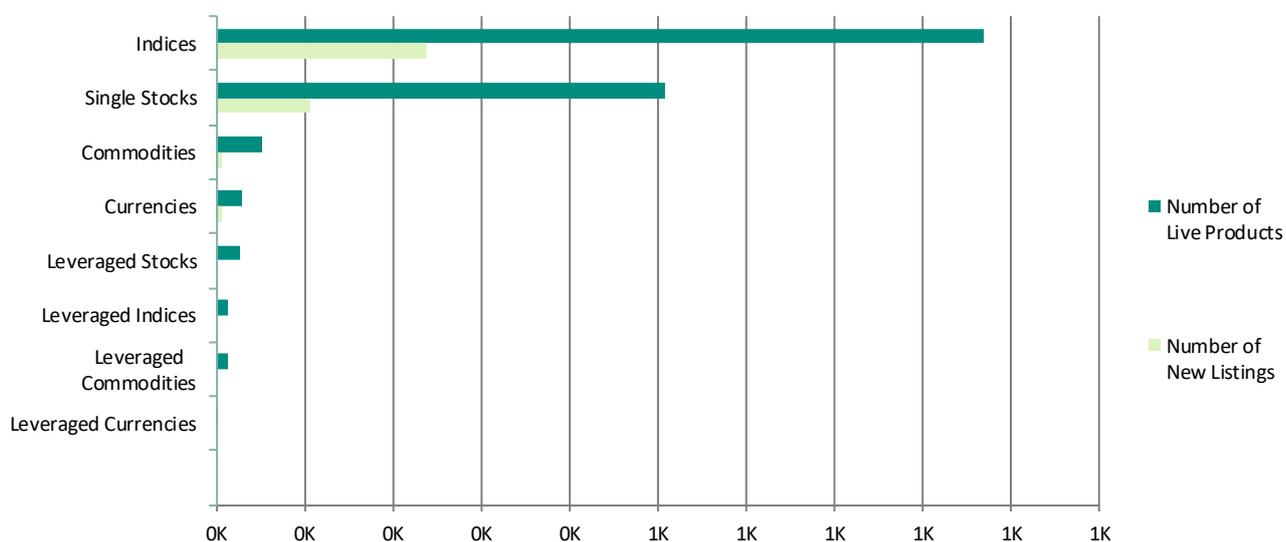
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	869	13.6%	-1.2%	57.5%	237	-23%	-9.5%	66.6%
Single Stocks	507	3.3%	-1.4%	33.6%	107	128%	44%	30.1%
Commodities	52	-18.9%	-0.4%	3.5%	6	20.0%	-27%	1.7%
Currencies	29	-8.0%	28%	1.9%	6		1.4%	1.7%
Leveraged Stocks	27	-5.2%	-8.9%	1.8%	0			0.0%
Leveraged Indices	13	-14.9%	-21%	0.8%	0			0.0%
Leveraged Commodities	12	-7.4%	-7.2%	0.8%	0			0.0%
Leveraged Currencies	2	0.0%	-21%	0.1%	0			0.0%
	0			0.0%	0			0.0%
Total	1,511	7.2%	-1.2%	100%	356	-1.4%	1.6%	100%

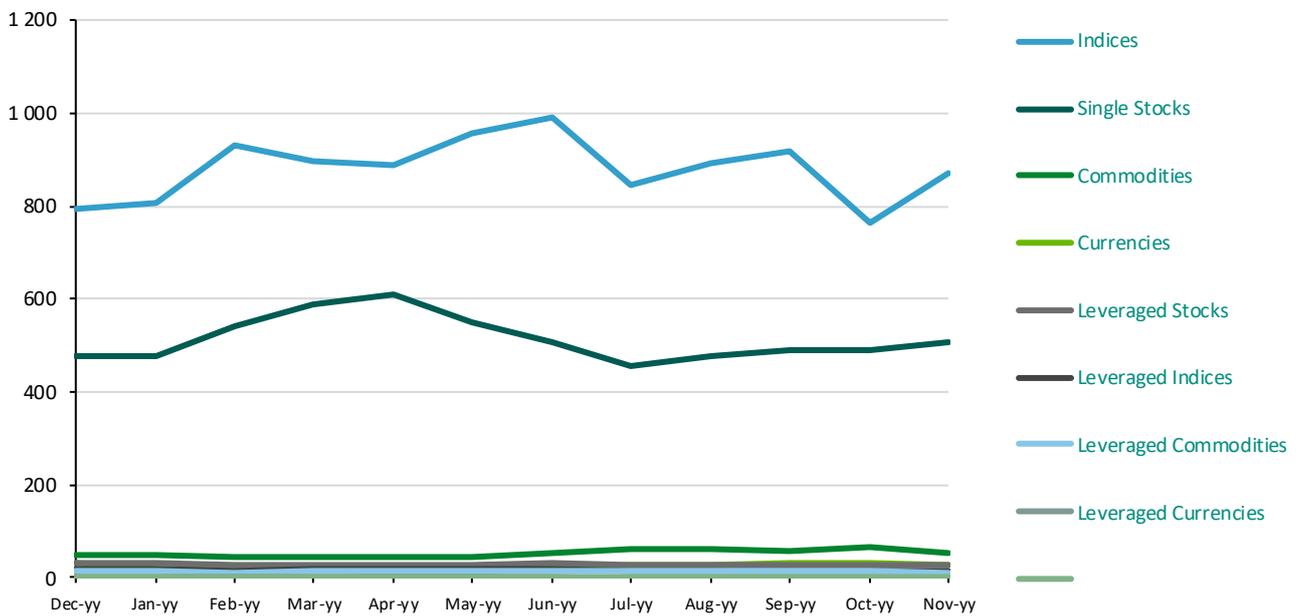
(Source Euronext)



UNDERLYING TYPES

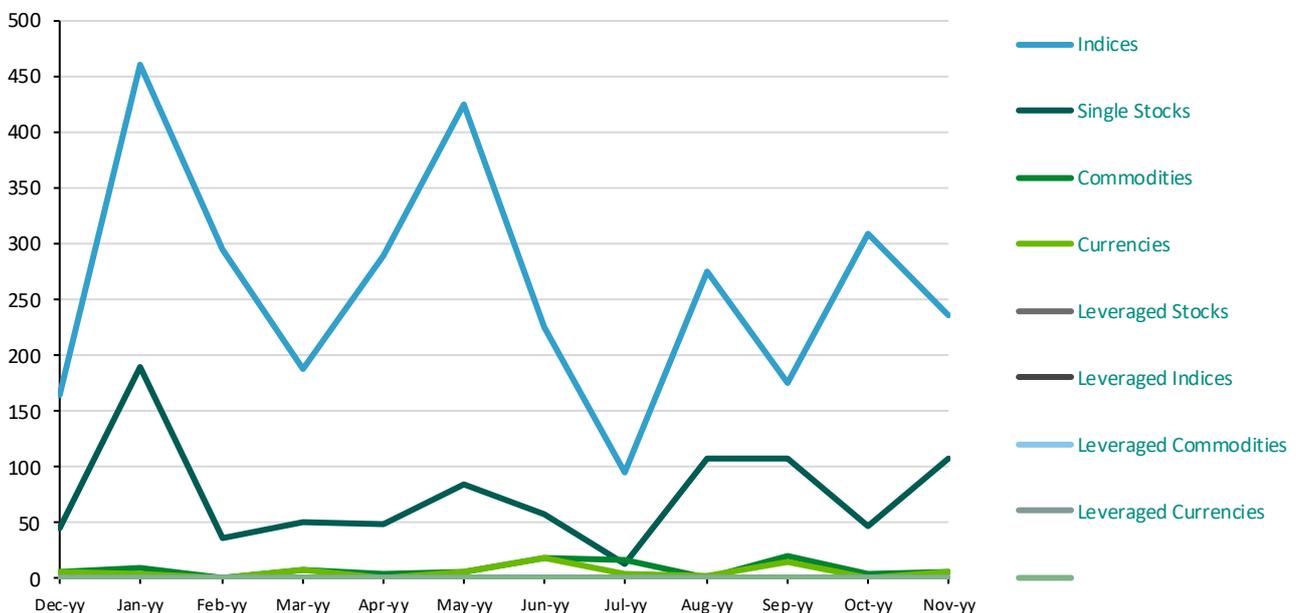
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Lisbon.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Lisbon.



TOP 10 UNDERLYING COUNTRIES

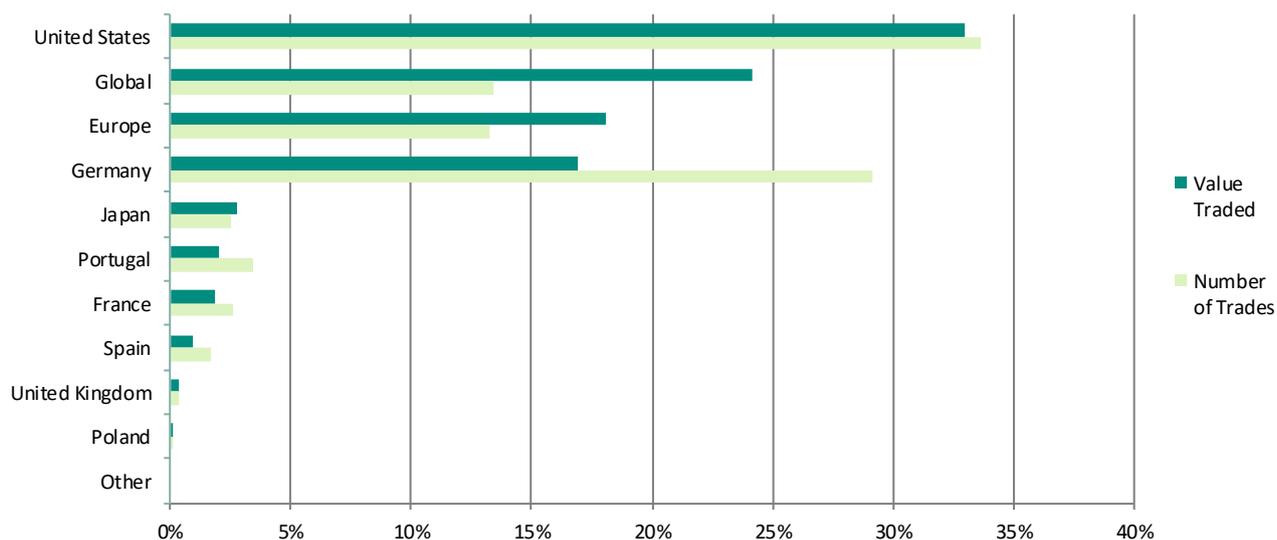
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Lisbon.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
United States	658	-22%	-39%	33.0%	83	-21%	-30%	33.6%
Global	482	15.9%	68%	24.2%	33	7.5%	9.4%	13.4%
Europe	361	-1.9%	-43%	18.1%	33	-17.4%	-38%	13.2%
Germany	338	21%	-39%	16.9%	72	-7.4%	-23%	29.2%
Japan	55	-8.4%	-41%	2.8%	6.1	-20%	-51%	2.5%
Portugal	39	-8.0%	-49%	2.0%	8.5	-16.2%	-37%	3.4%
France	36	-54%	-59%	1.8%	6.4	-31%	-46%	2.6%
Spain	18	-24%	-46%	0.9%	4.1	-23%	-30%	1.6%
United Kingdom	7	46%	-38%	0.3%	0.9	-13.6%	-16.5%	0.3%
Poland	1	319%		0.0%	0.2	318%		0.1%
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	1,996	-5.9%	-30.4%	100%	248	-13.9%	-27.4%	100%

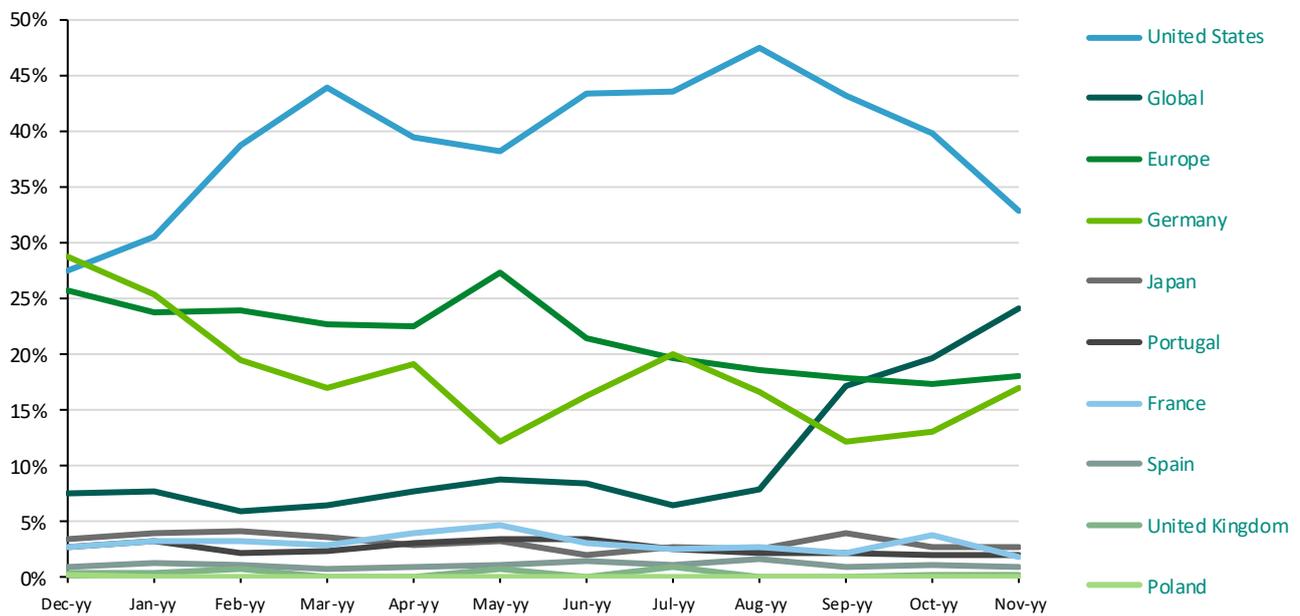
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

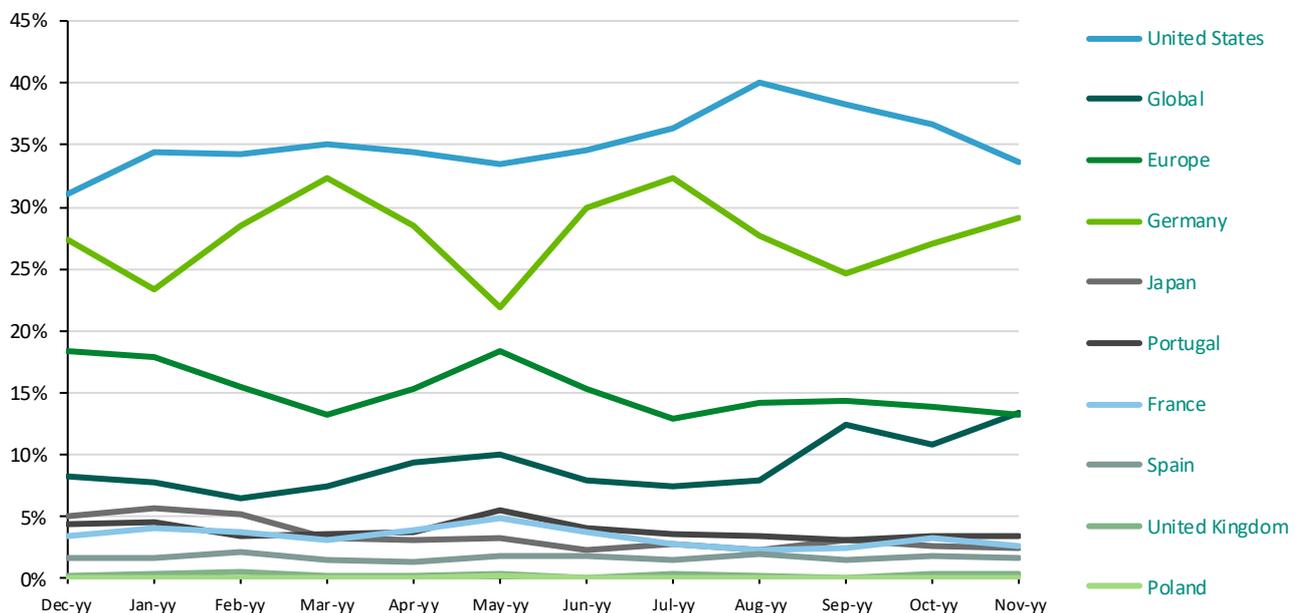
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Euronext Lisbon.



TOP 10 UNDERLYING COUNTRIES

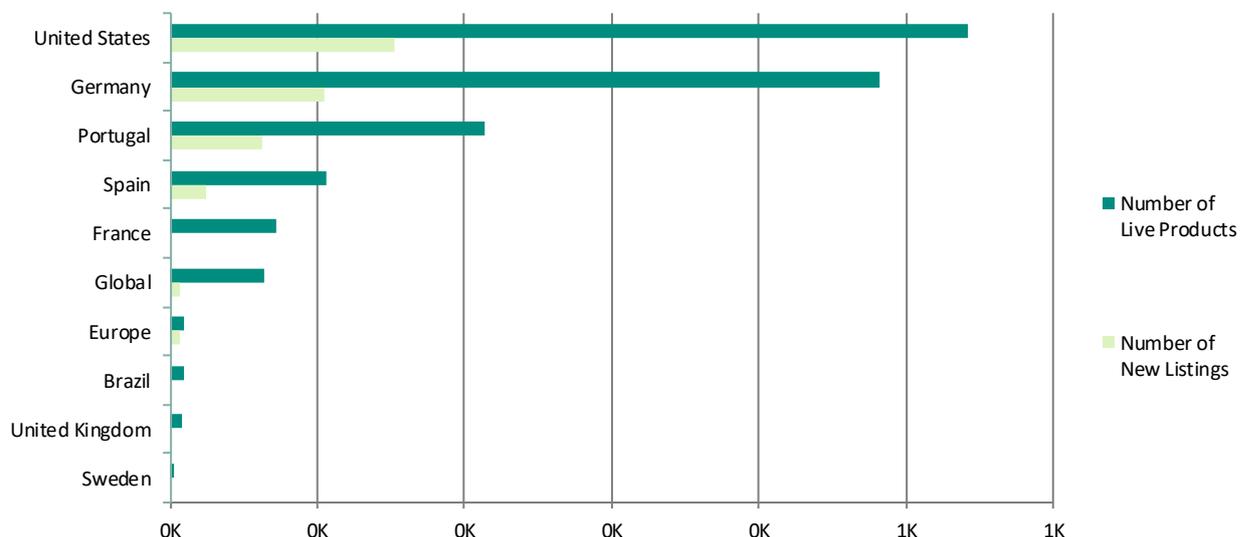
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
United States	542	0.8%	1.0%	35.9%	153	15.9%	4.2%	43.0%
Germany	483	26%	6.0%	32.0%	104	-35%	-11.0%	29.2%
Portugal	213	1.1%	-11.5%	14.1%	62	464%	103%	17.4%
Spain	106	1.2%	-9.9%	7.0%	24	-7.7%	-21%	6.7%
France	71	-1.8%	-13.2%	4.7%	0	-100%	-100%	0.0%
Global	64	-17.0%	-2.5%	4.2%	6	20.0%	-27%	1.7%
Europe	9	126%	-13.1%	0.6%	7		546%	2.0%
Brazil	9	123%	173%	0.6%	0	-100%	-100%	0.0%
United Kingdom	8	-27%	54%	0.5%	0	-100%	-100%	0.0%
Sweden	2	0.0%	-43%	0.1%	0			0.0%
Other	4	-2.3%	-54%	0.3%	0			0.0%
Total	1,511	7.2%	-1.2%	100%	356	-1.4%	1.6%	100%

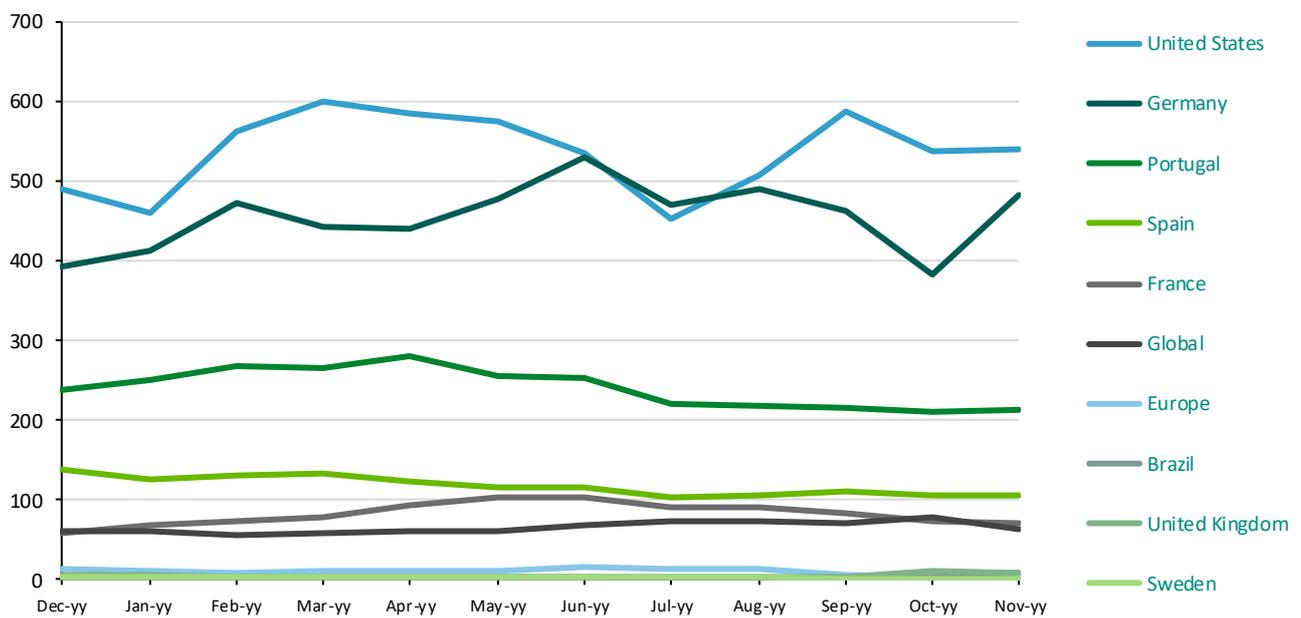
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

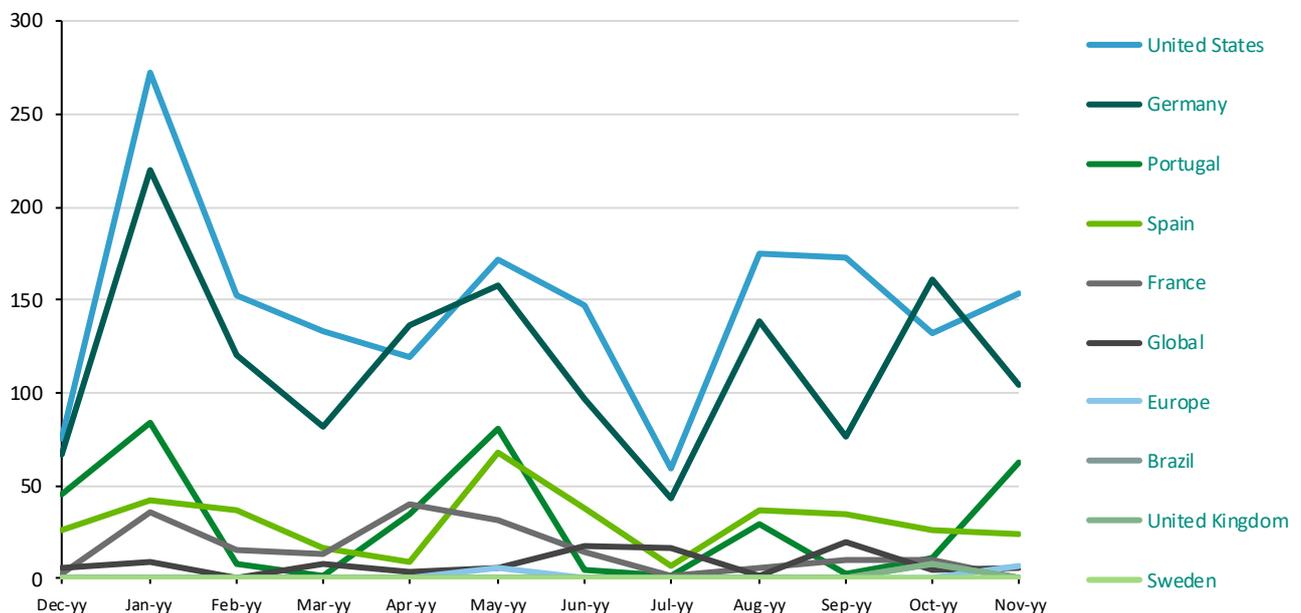
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Lisbon.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Lisbon.



TOP 10 UNDERLYINGS

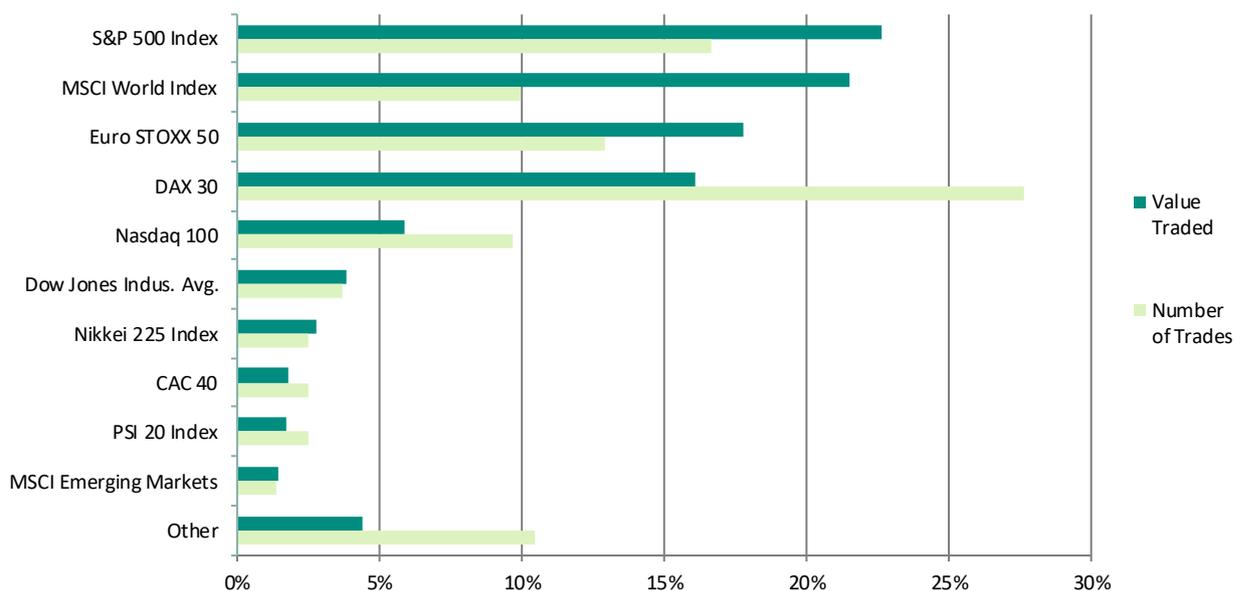
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
S&P 500 Index	452	-11.9%	-26%	22.7%	41	-20%	-31%	16.7%
MSCI World Index	430	18.3%	124%	21.6%	25	10.4%	58%	10.0%
Euro STOXX 50	355	-0.2%	-42%	17.8%	32	-17.4%	-38%	12.9%
DAX 30	321	16.4%	-41%	16.1%	69	-8.7%	-25%	27.7%
Nasdaq 100	117	-37%	-60%	5.9%	24	-18.1%	-30%	9.7%
Dow Jones Indus. Avg.	77	-34%	-46%	3.8%	9.2	-22%	-43%	3.7%
Nikkei 225 Index	55	-8.4%	-41%	2.8%	6.1	-20%	-51%	2.5%
CAC 40	36	-54%	-59%	1.8%	6.3	-30%	-46%	2.5%
PSI 20 Index	35	-8.8%	-52%	1.7%	6.3	-12.6%	-42%	2.5%
MSCI Emerging Markets	29	18.0%	-48%	1.5%	3.4	-19.2%	-63%	1.4%
Other	89	-19.9%	-42%	4.4%	26	-15.6%	-9.2%	10.5%
Total	1,996	-5.9%	-30.4%	100%	248	-13.9%	-27.4%	100%

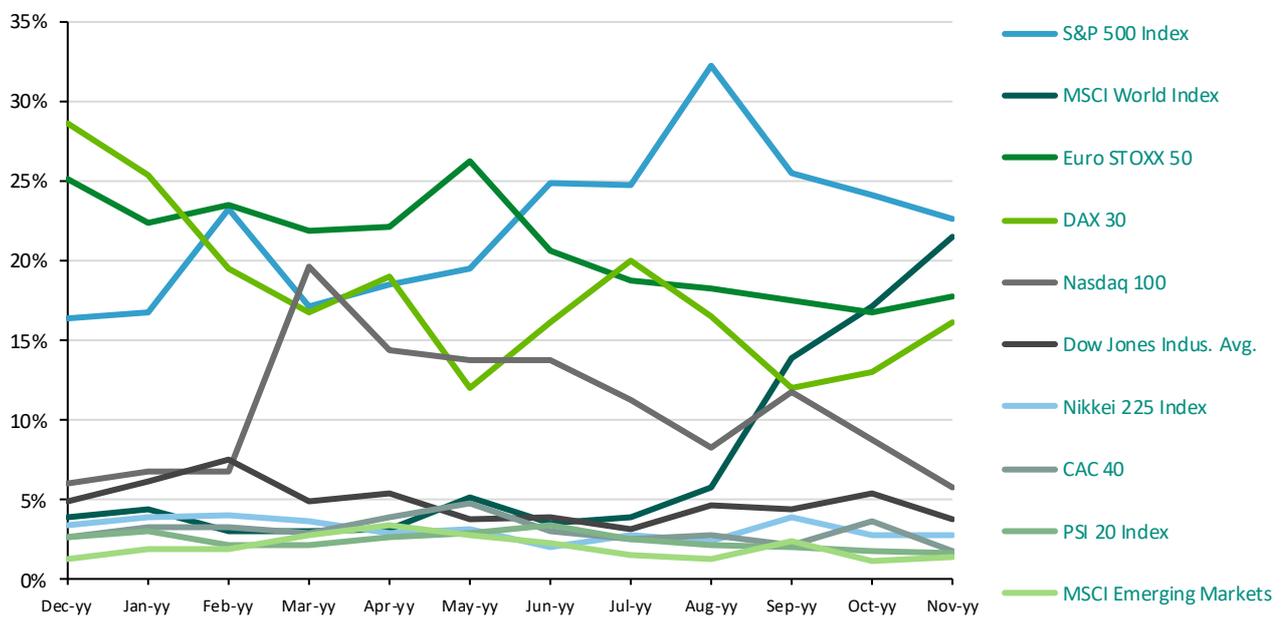
(Source Euronext)



TOP 10 UNDERLYINGS

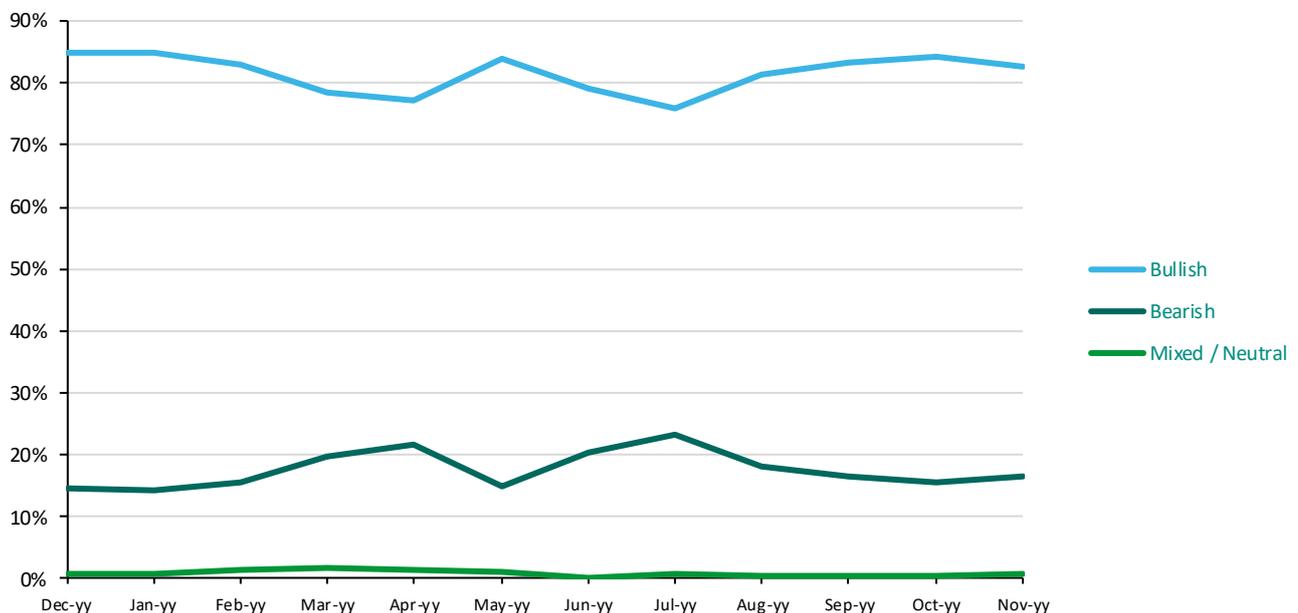
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Lisbon.



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Lisbon.



TOP 10 UNDERLYINGS

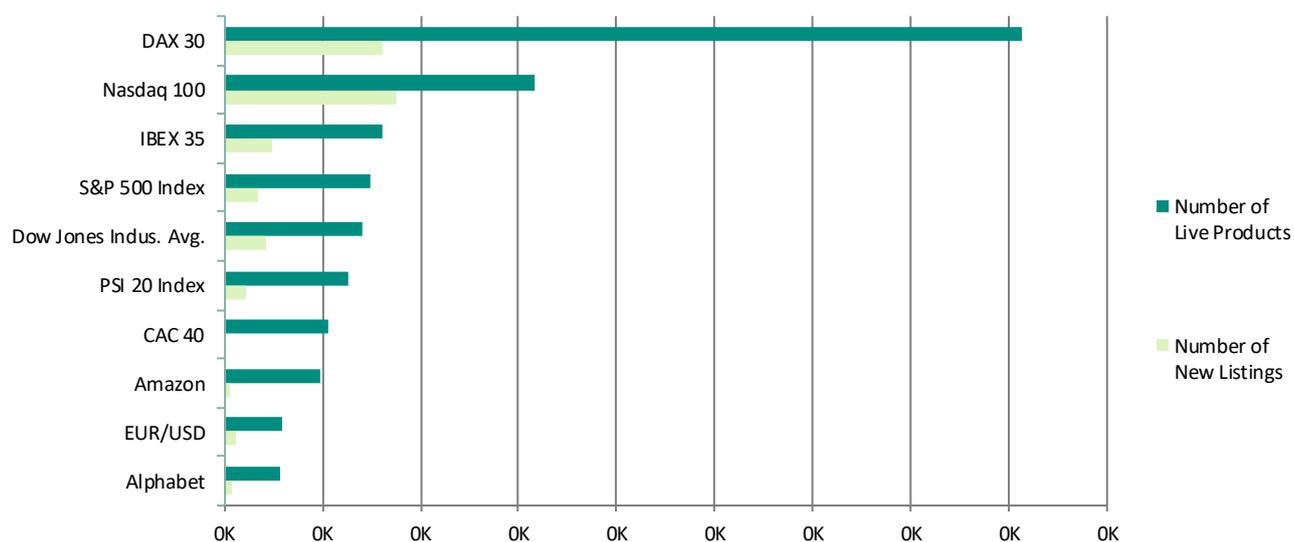
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Lisbon for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Lisbon.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	406	26%	9.5%	26.9%	80	-50%	-27%	22.5%
Nasdaq 100	158	12.1%	-5.4%	10.5%	88	4.8%	38%	24.7%
IBEX 35	80	2.1%	-8.1%	5.3%	24	-7.7%	-15.0%	6.7%
S&P 500 Index	74	4.0%	-6.5%	4.9%	17	21%	-13.6%	4.8%
Dow Jones Indus. Avg.	71	3.2%	-17.0%	4.7%	21	-4.5%	-14.9%	5.9%
PSI 20 Index	63	10.1%	10.6%	4.1%	11	0.0%	-12.0%	3.1%
CAC 40	53	-10.7%	-12.3%	3.5%	0	-100%	-100%	0.0%
Amazon	49	-8.6%	30%	3.3%	3	-50%	-71%	0.8%
EUR/USD	29	-8.0%	28%	1.9%	6		1.4%	1.7%
Alphabet	29	-11.0%	-0.2%	1.9%	4	300%	-37%	1.1%
Other	499	0.8%	-6.5%	33.0%	102	200%	85%	28.7%
Total	1,511	7.2%	-1.2%	100%	356	-1.4%	1.6%	100%

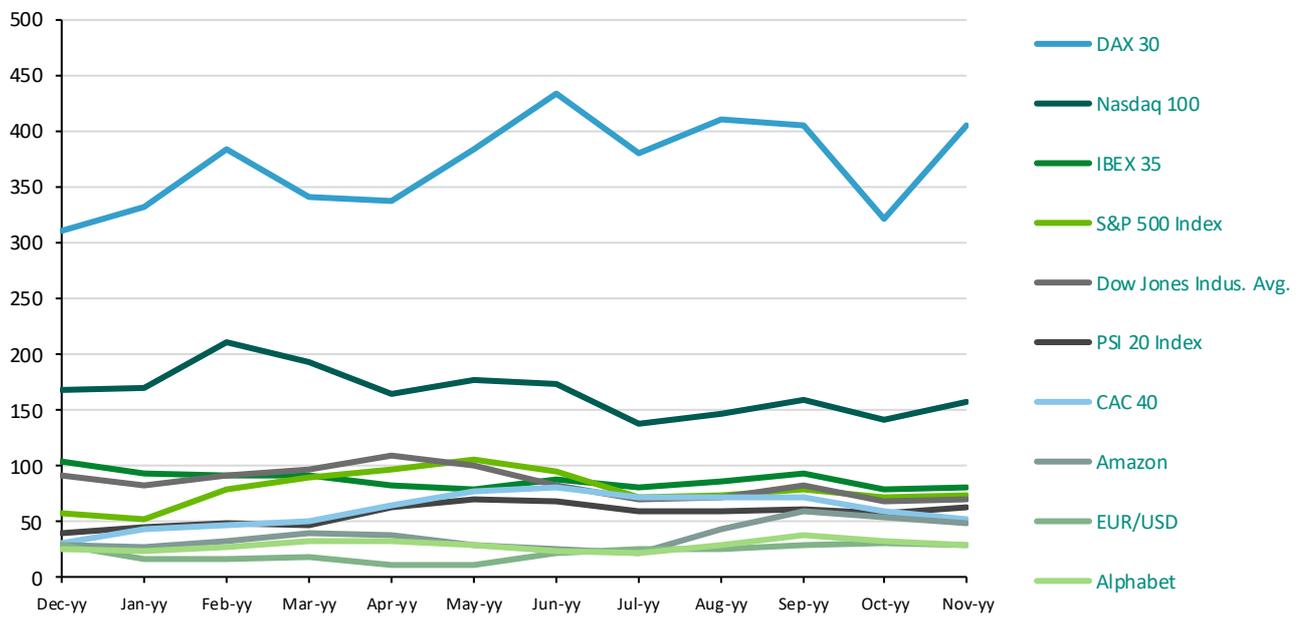
(Source Euronext)



TOP 10 UNDERLYINGS

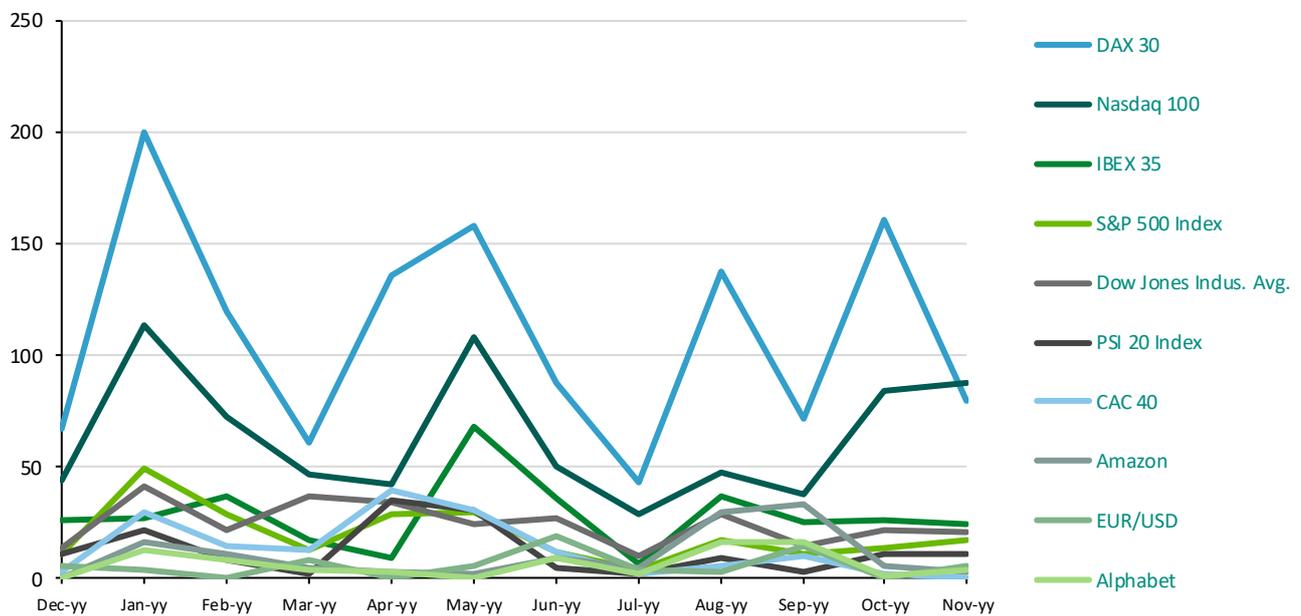
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Lisbon.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euronext Lisbon.



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	18,940	1,088
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	15,620	1,408
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	12,482	1,330
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	7,114	350
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	3,223	316
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	2,847	368
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	2,420	270
DE000CQ4ES07	Citi	2100	Warrants	DAX 30	1,642	92
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	1,603	180
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	1,543	238
DE000CQ4ER81	Citi	2100	Warrants	DAX 30	1,516	76
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	1,509	272
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	1,291	150
DE000CP1CFV7	Citi	2200	Knock-Out Warrants	DAX 30	962	56
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	754	126
DE000CJ35R07	Commerzbank	2200	Knock-Out Warrants	DAX 30	670	78
DE000CQ4EYM6	Citi	2200	Knock-Out Warrants	DAX 30	632	20
DE000CJ35PC2	Commerzbank	2100	Warrants	BMW	586	46
DE000CJ35LL2	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	459	44
DE000CJ35J15	Commerzbank	2200	Knock-Out Warrants	DAX 30	401	150
DE000CJ35LM0	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	399	54
DE000CJ35H82	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	394	50
DE000CP1CE26	Citi	2200	Knock-Out Warrants	DAX 30	379	52
DE000CQ4EUC5	Citi	2200	Knock-Out Warrants	DAX 30	379	102
DE000CP1CFZ8	Citi	2200	Knock-Out Warrants	DAX 30	367	32
DE000CP1CGH4	Citi	2200	Knock-Out Warrants	DAX 30	311	82
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	290	30
DE000CP1CG57	Citi	2200	Knock-Out Warrants	Amazon	290	34
DE000CJ35R64	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	286	62
DE000CP1CHH2	Citi	2200	Knock-Out Warrants	DAX 30	282	66
DE000CJ35KY7	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	281	40
DE000CP1CF82	Citi	2200	Knock-Out Warrants	DAX 30	269	76
DE000CP1CET4	Citi	2200	Knock-Out Warrants	DAX 30	267	130
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	266	34
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	264	34
DE000CJ35T62	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	262	16
DE000CJ35LC1	Commerzbank	2200	Knock-Out Warrants	DAX 30	254	70
DE000CP1CF58	Citi	2200	Knock-Out Warrants	DAX 30	235	86
PTBIU2YE0087	BCP	1300	Tracker Certificates	STOXX 600 Basic Resources Inc	223	20
DE000CJ35KB5	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	210	34
DE000CP1CHS9	Citi	2200	Knock-Out Warrants	DAX 30	175	8
DE000CV3LMH1	Commerzbank	2100	Warrants	Galp Energia	167	30
DE000CJ35H17	Commerzbank	2200	Knock-Out Warrants	DAX 30	164	64
DE000CJ35NF0	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	157	22
DE000CQ4EA31	Citi	2100	Warrants	S&P 500 Index	154	6
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	146	24
DE000CP1CF41	Citi	2200	Knock-Out Warrants	DAX 30	145	22
DE000CP1CHL4	Citi	2200	Knock-Out Warrants	Nasdaq 100	141	14
DE000CP1CFE3	Citi	2200	Knock-Out Warrants	DAX 30	137	8
DE000CJ35G18	Commerzbank	2200	Knock-Out Warrants	DAX 30	127	76

(Source Euronext)



Euronext Paris

ISSUERS

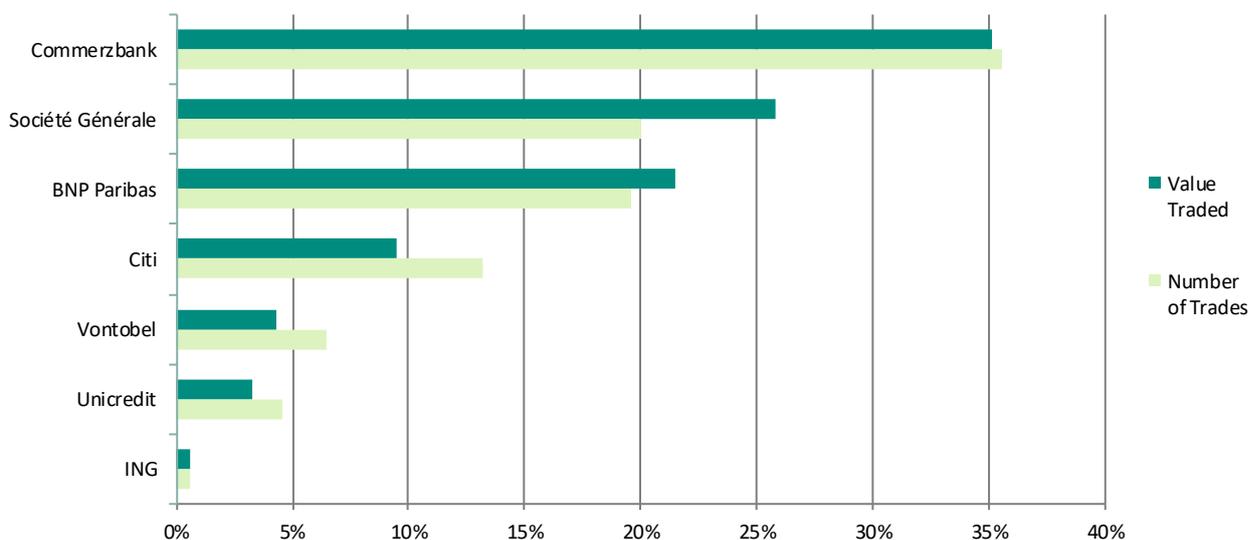
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Paris.

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commerzbank	4,926	-13.0%	11.8%	35.1%	1,945	-14.4%	15.0%	35.6%
Société Générale	3,624	-16.8%	30%	25.8%	1,097	-9.9%	26.2%	20.1%
BNP Paribas	3,013	12.9%	-9.2%	21.5%	1,070	-3.7%	21.1%	19.6%
Citi	1,326	-43%	-21%	9.5%	721	-24.4%	-11.6%	13.2%
Vontobel	598	-26%	26%	4.3%	352	-5.0%	42.7%	6.4%
Unicredit	459	-13.0%	25%	3.3%	251	-17.1%	40.9%	4.6%
ING	78	-15.3%	6.5%	0.6%	33	3.7%	3.5%	0.6%
Total	14,024	-14.7%	6.9%	100%	5,469	-12.7%	16.0%	100%

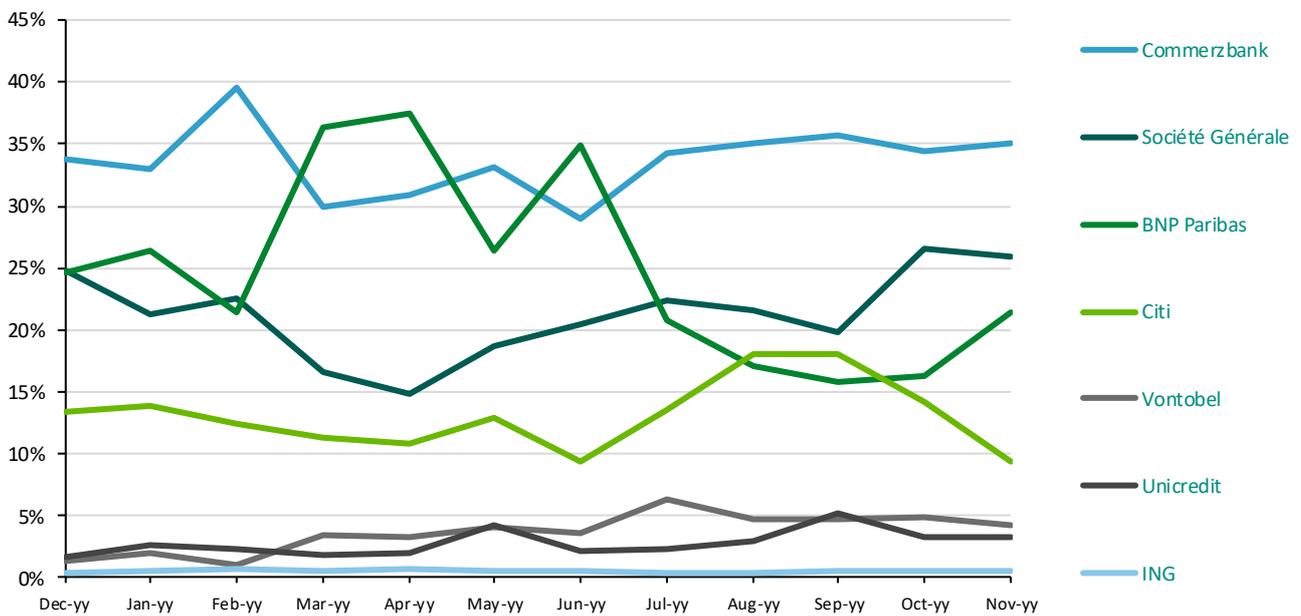
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ISSUERS

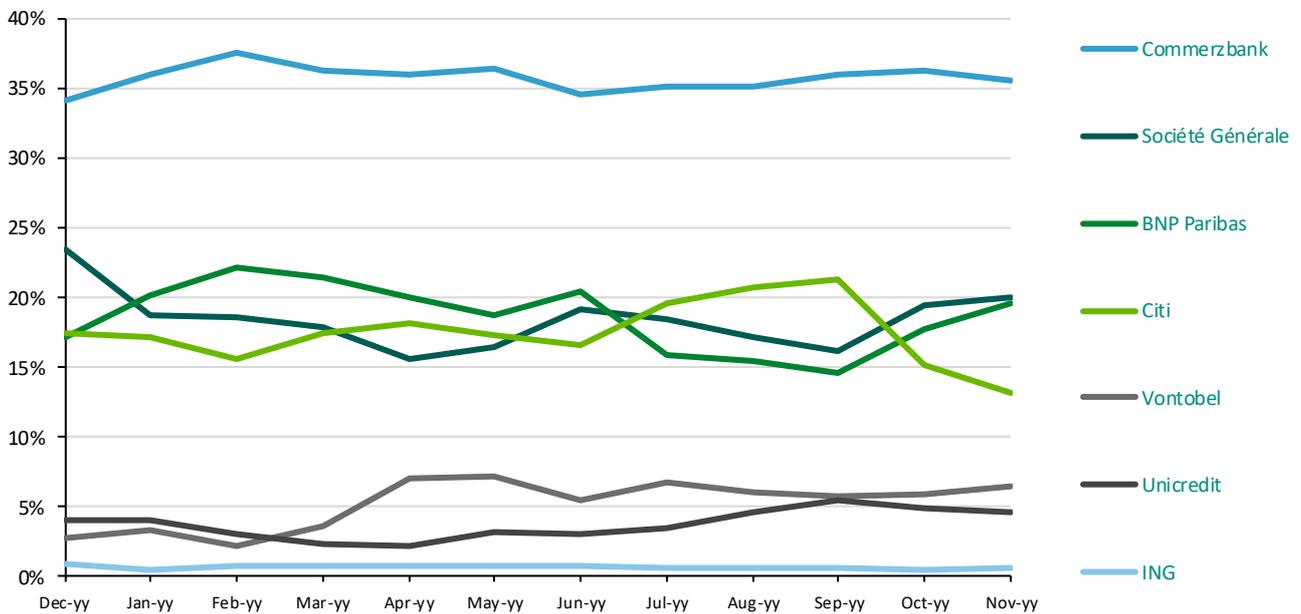
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each issuer over the total number of trades on Euronext Paris.



ISSUERS

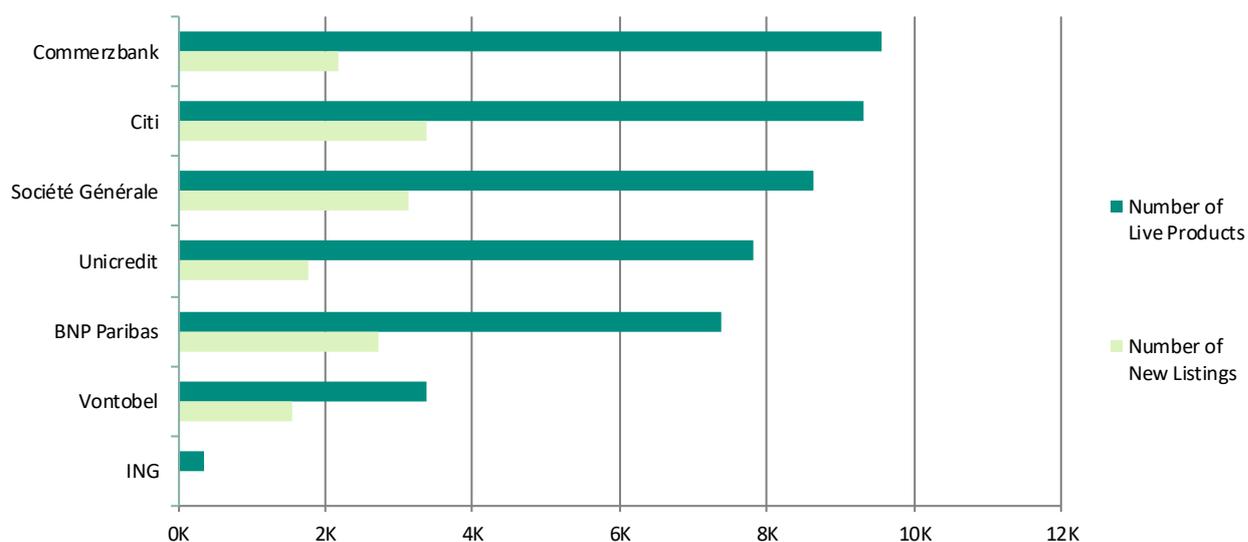
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per issuer, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each issuer over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each issuer.

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	9,561	7.0%	17.1%	20.6%	2,174	-29%	20%	14.8%
Citi	9,325	10.6%	6.2%	20.1%	3,382	-13.4%	24%	23.0%
Société Générale	8,636	4.8%	6.4%	18.6%	3,129	-19.5%	41%	21.3%
Unicredit	7,819	10.1%	22%	16.8%	1,766	-31%	19.3%	12.0%
BNP Paribas	7,376	29%	21%	15.9%	2,711	-29%	47%	18.4%
Vontobel	3,383	9.1%	7.4%	7.3%	1,544	-39%	16.9%	10.5%
ING	338	-6.3%	-13.7%	0.7%	6	-45%	-75%	0.0%
Total	46,438	10.8%	13.0%	100%	14,712	-25.7%	29.0%	100%

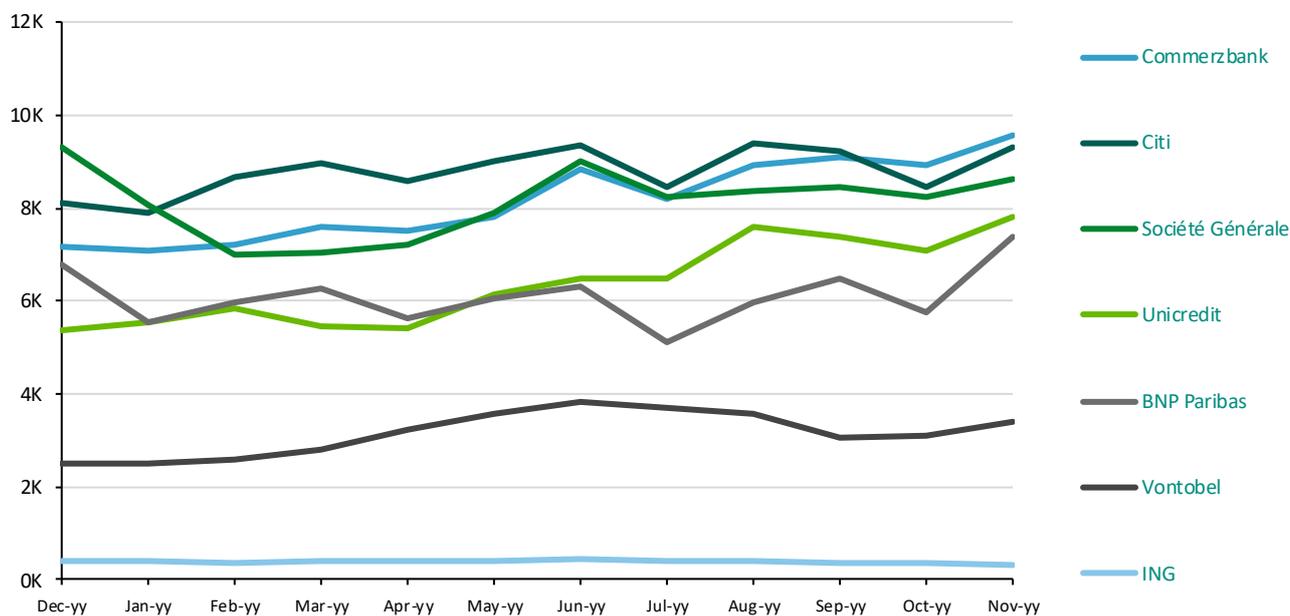
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ISSUERS

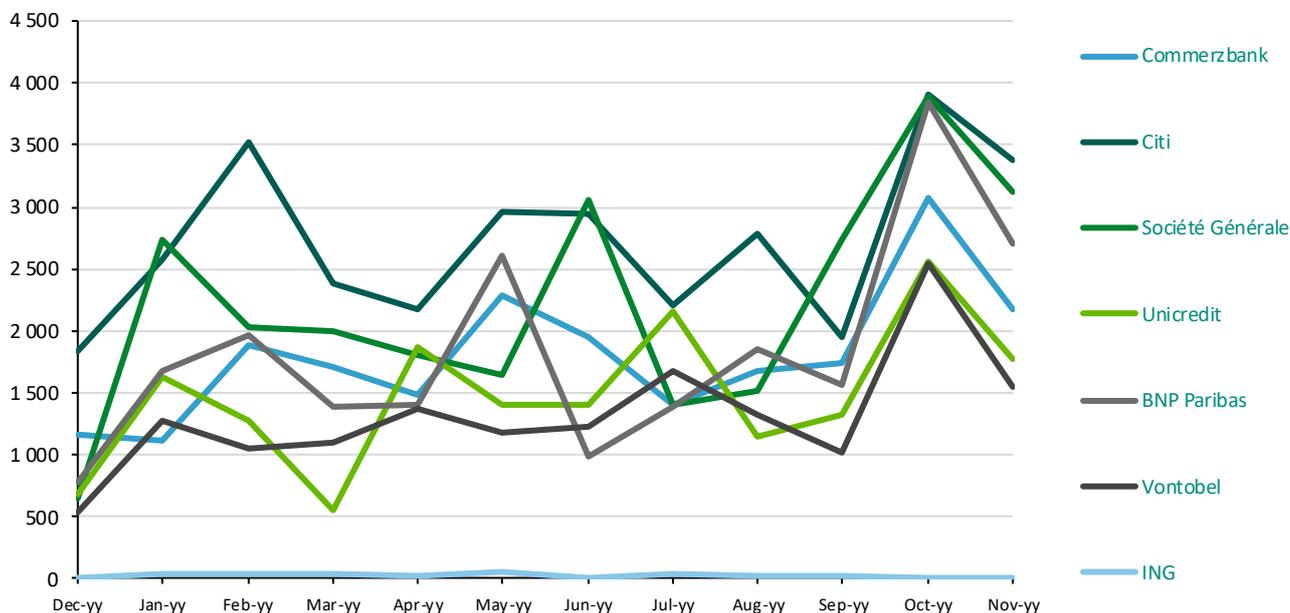
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer on Euronext Paris.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each issuer on Euronext Paris.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

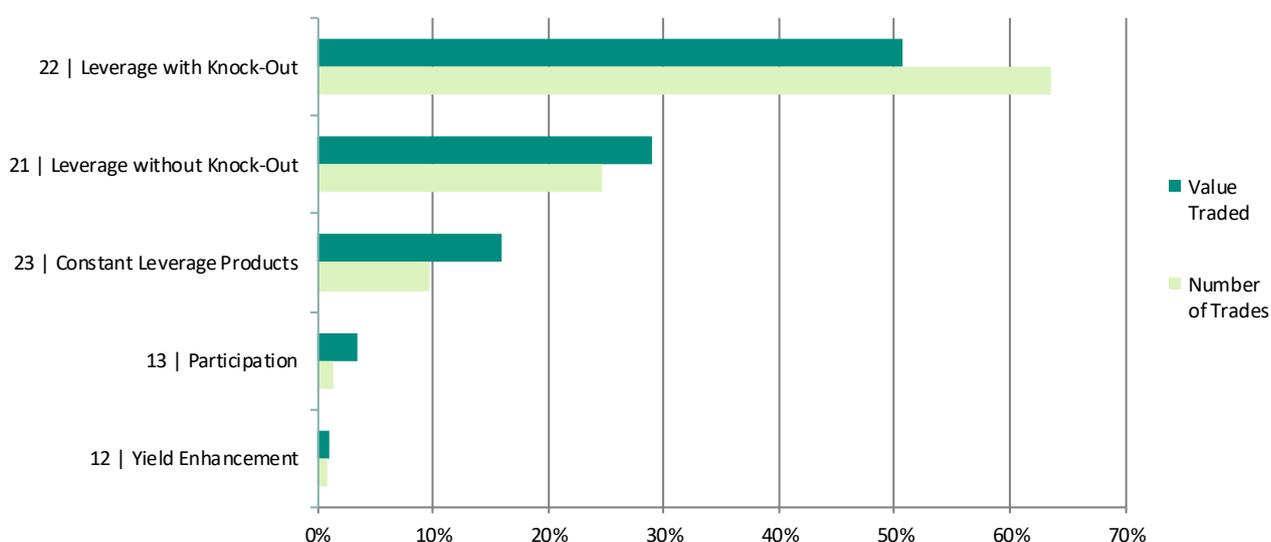
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	7,109	-16.4%	3.4%	50.7%	3,480	-14.8%	14.3%	63.6%
21 Leverage without Knock-Out	4,069	-8.9%	11.3%	29.0%	1,349	-1.8%	24%	24.7%
23 Constant Leverage Products	2,232	-17.8%	16.5%	15.9%	527	-23%	10.3%	9.6%
13 Participation	473	9.9%	39%	3.4%	71	6.7%	64%	1.3%
12 Yield Enhancement	142	-55%	-58%	1.0%	43	-17.0%	-32%	0.8%
Total	14,024	-14.7%	6.9%	100%	5,469	-12.7%	16.0%	100%

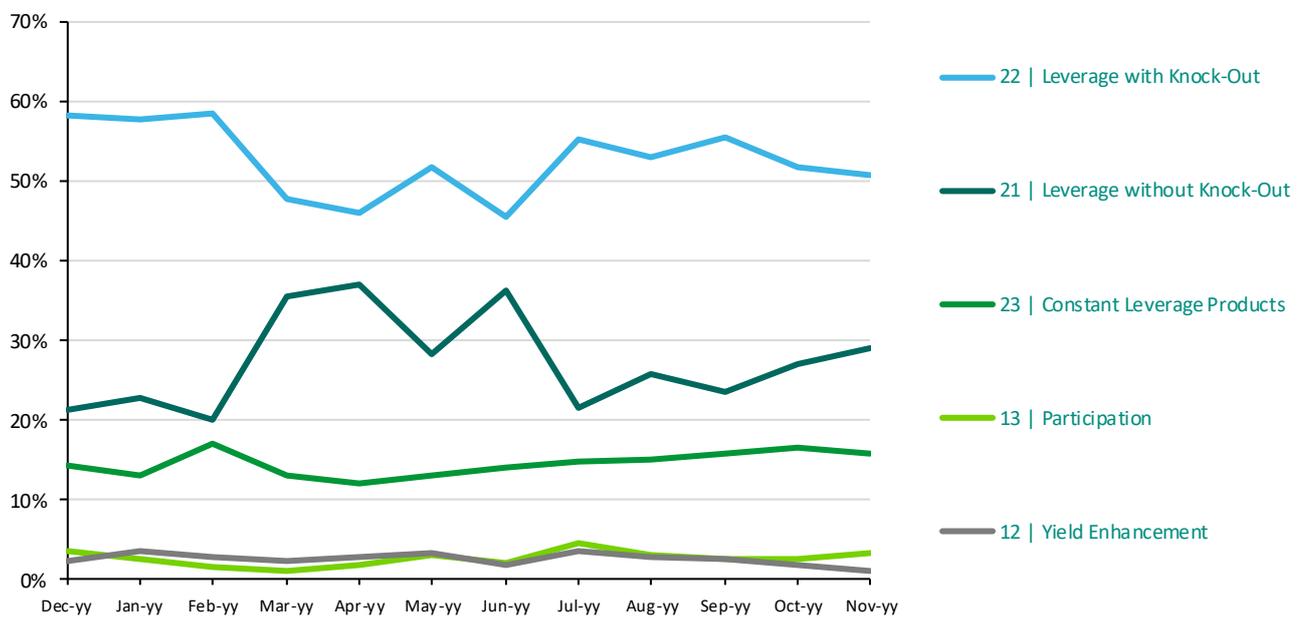
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

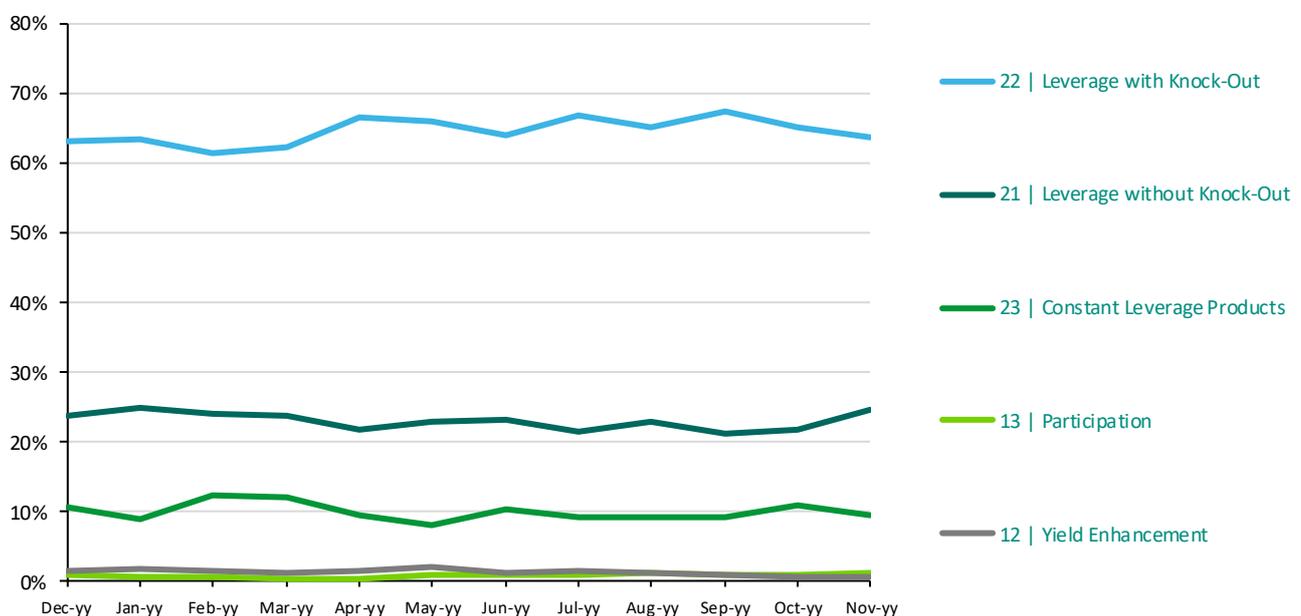
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Paris.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

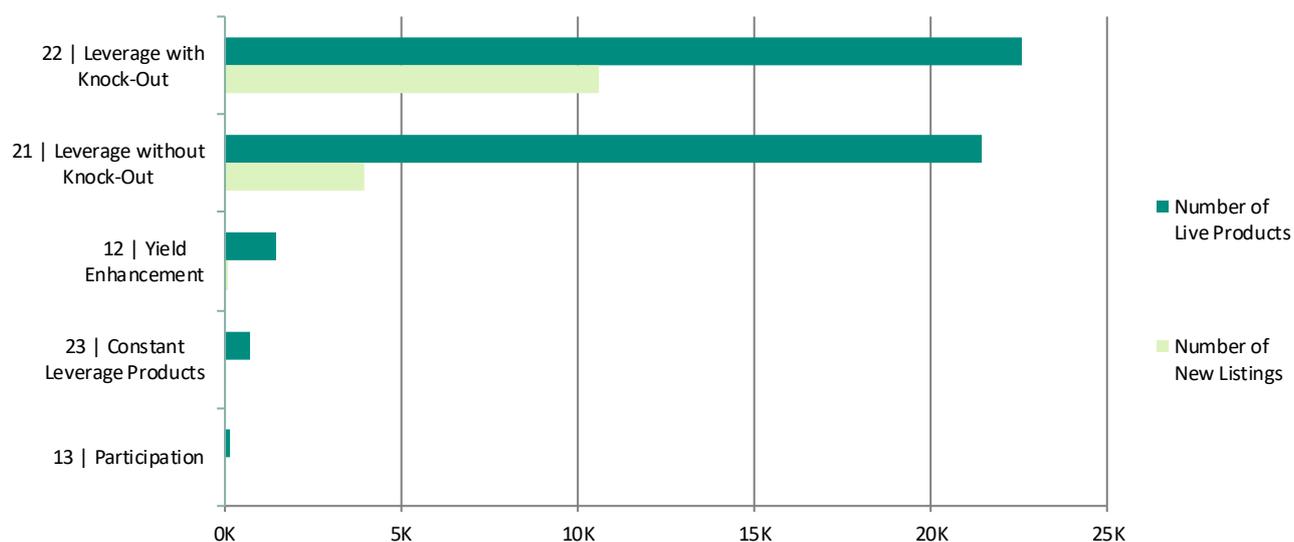
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA¹ categorization level 2), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	22,586	6.5%	9.7%	48.6%	10,595	-26%	36%	72.0%
21 Leverage without Knock-Out	21,464	17.6%	17.5%	46.2%	3,967	-26%	16.8%	27.0%
12 Yield Enhancement	1,479	-3.5%	10.2%	3.2%	96	-53%	-48%	0.7%
23 Constant Leverage Products	747	-1.4%	2.0%	1.6%	52	373%	280%	0.4%
13 Participation	163	5.2%	12.2%	0.4%	2	-94%	-72%	0.0%
Total	46,438	10.8%	13.0%	100%	14,712	-25.7%	29.0%	100%

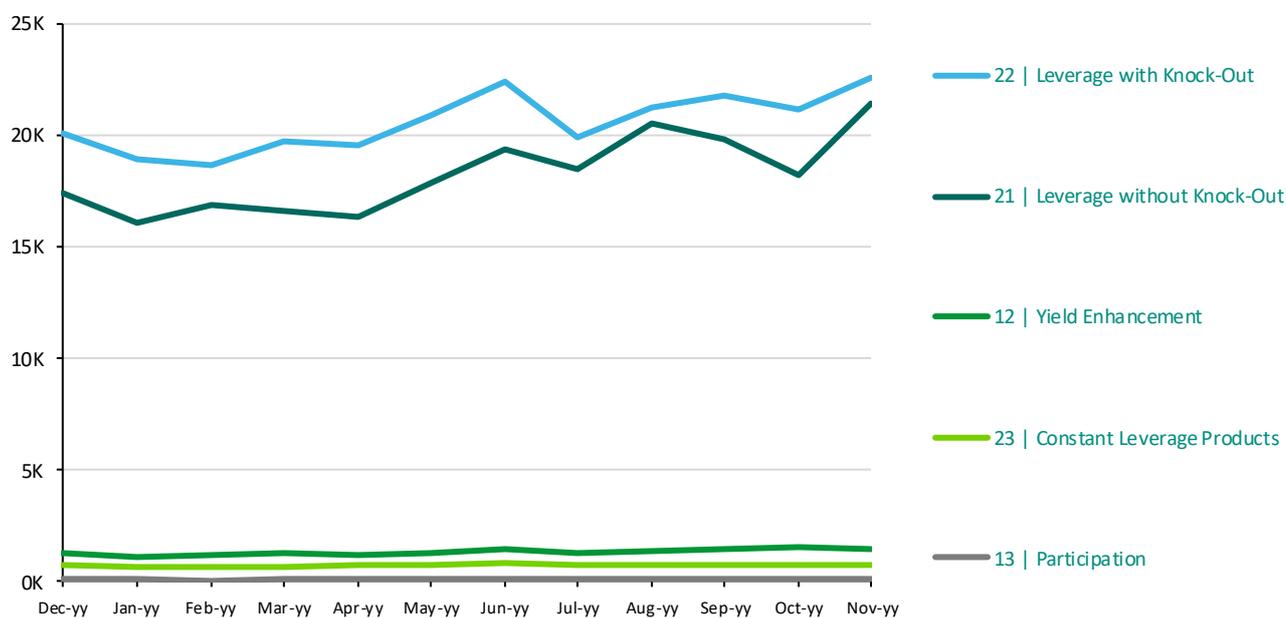
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

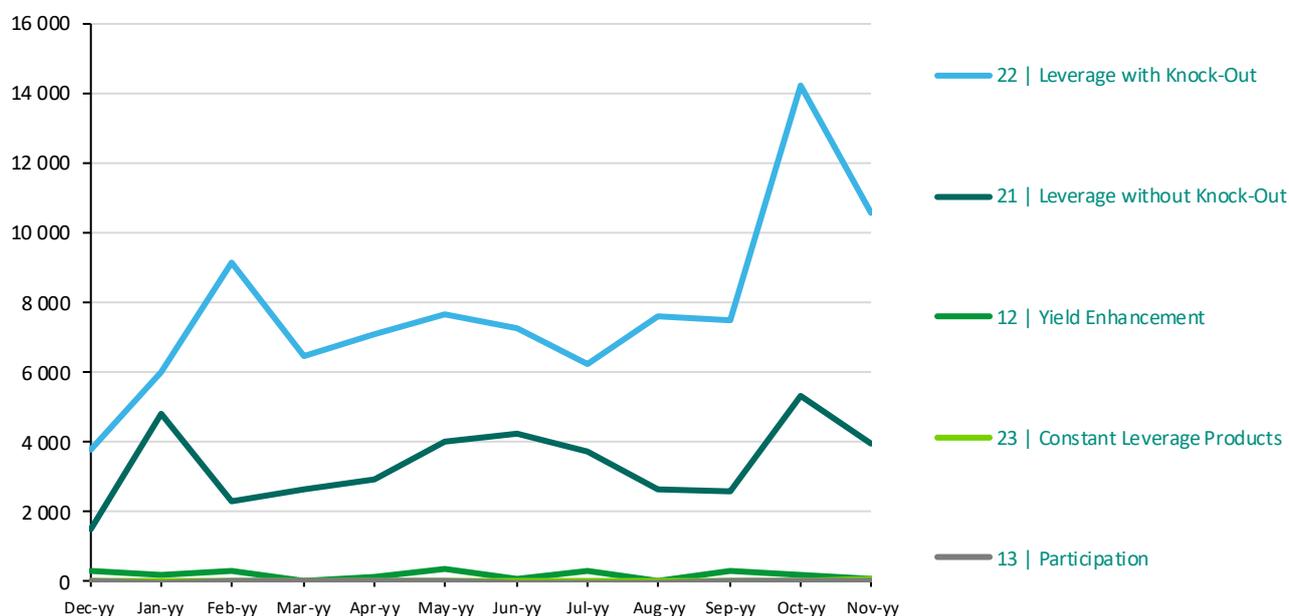
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Paris.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Paris.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

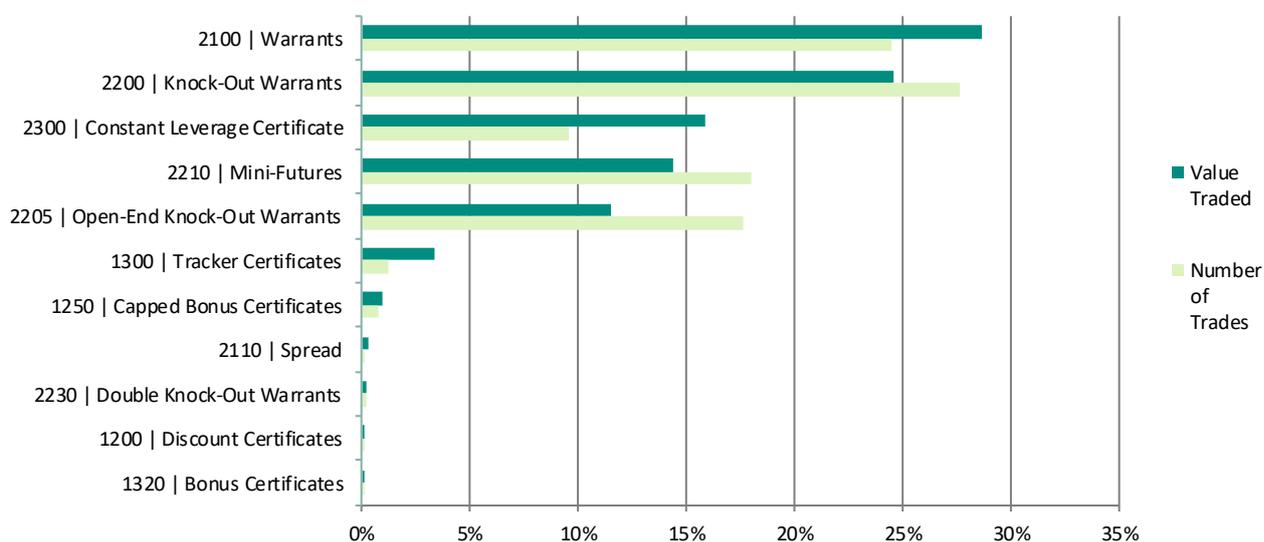
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2100 Warrants	4,022	-8.4%	10.9%	28.7%	1,342	-0.9%	25%	24.5%
2200 Knock-Out Warrants	3,451	-11.7%	23%	24.6%	1,514	-15.9%	23%	27.7%
2300 Constant Leverage Certificate	2,232	-17.8%	16.5%	15.9%	527	-23%	10.3%	9.6%
2210 Mini-Futures	2,018	-11.7%	1.6%	14.4%	987	-8.1%	15.0%	18.0%
2205 Open-End Knock-Out Warrants	1,613	-29%	-18.1%	11.5%	968	-19.1%	3.9%	17.7%
1300 Tracker Certificates	471	11.1%	39%	3.4%	70	7.0%	65%	1.3%
1250 Capped Bonus Certificates	140	-56%	-58%	1.0%	42	-17.8%	-33%	0.8%
2110 Spread	47	-38%	63%	0.3%	7.0	-65%	-36%	0.1%
2230 Double Knock-Out Warrants	27	-39%	-76%	0.2%	12	-24%	-43%	0.2%
1200 Discount Certificates	2	759%	4.4%	0.0%	0.5	423%	3.3%	0.0%
1320 Bonus Certificates	1	-77%	-58%	0.0%	0.4	-36%	-18.8%	0.0%
Total	14,024	-14.7%	6.9%	100%	5,469	-12.7%	16.0%	100%

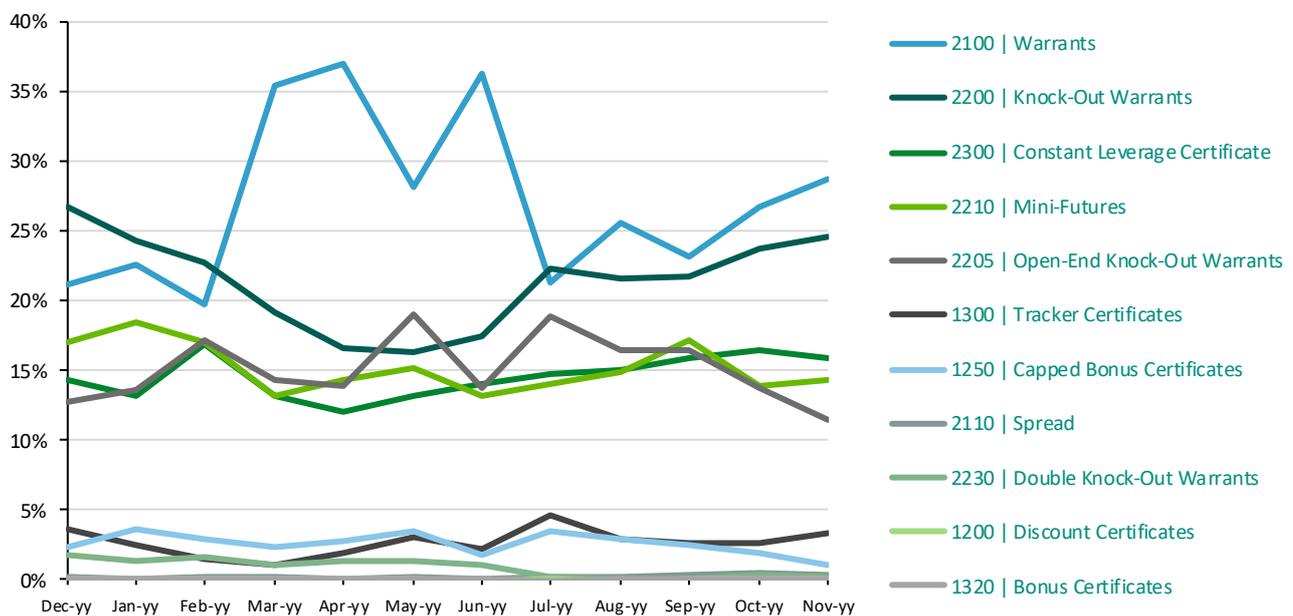
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

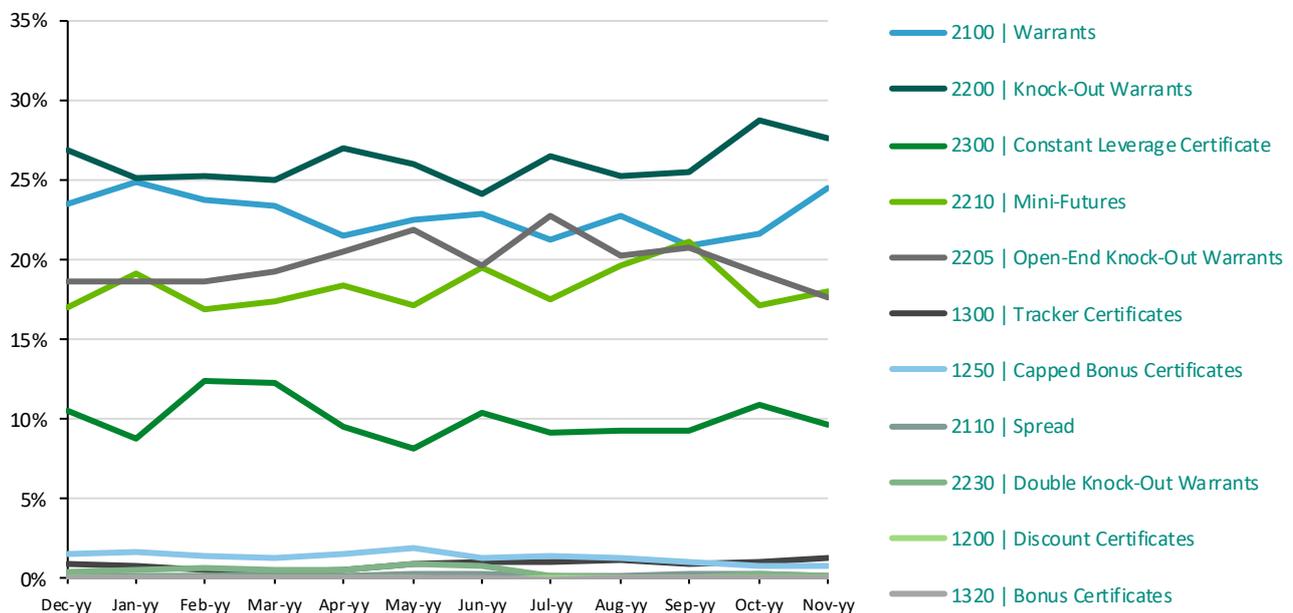
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Paris.



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

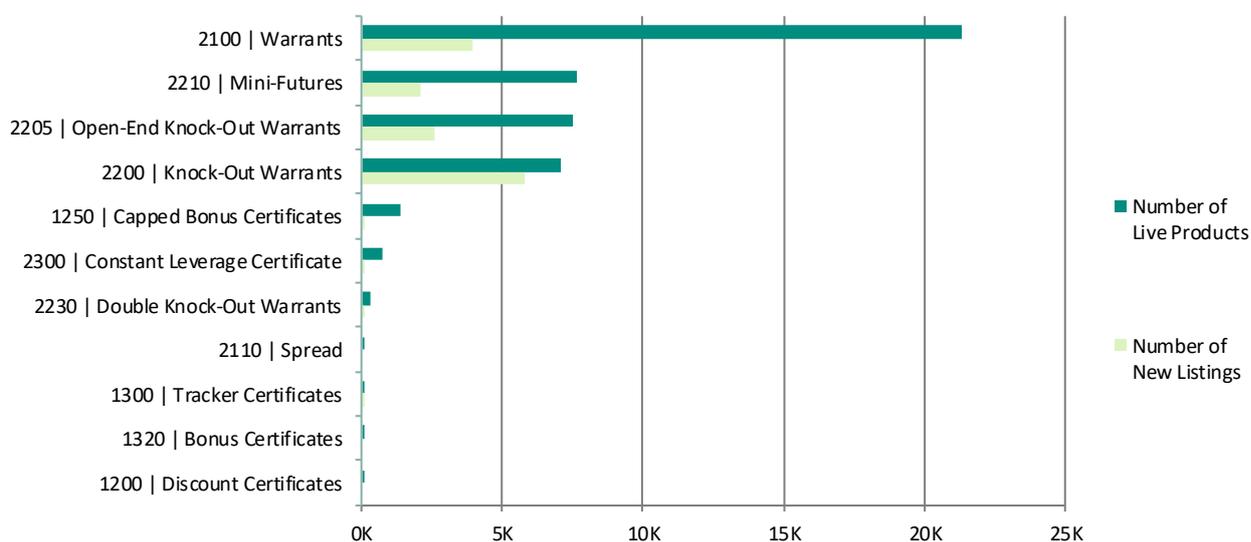
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product type (EUSIPA¹ categorization level 3), as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product type over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each product type.

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	21,364	17.8%	17.5%	46.0%	3,967	-26%	17.3%	27.0%
2210 Mini-Futures	7,657	-0.9%	-0.3%	16.5%	2,114	-22%	32%	14.4%
2205 Open-End Knock-Out Warrants	7,529	1.3%	6.4%	16.2%	2,622	-27%	36%	17.8%
2200 Knock-Out Warrants	7,115	24%	29%	15.3%	5,821	-23%	39%	39.6%
1250 Capped Bonus Certificates	1,416	-3.6%	10.6%	3.0%	96	-46%	-46%	0.7%
2300 Constant Leverage Certificate	747	-1.4%	2.0%	1.6%	52	373%	280%	0.4%
2230 Double Knock-Out Warrants	284	-7.6%	-16.1%	0.6%	38	-90%	-58%	0.3%
2110 Spread	99	-16.6%	3.4%	0.2%	0		-100%	0.0%
1300 Tracker Certificates	98	0.0%	0.9%	0.2%	2		33%	0.0%
1320 Bonus Certificates	65	14.2%	35%	0.1%	0	-100%	-100%	0.0%
1200 Discount Certificates	63	-1.8%	2.9%	0.1%	0	-100%	-100%	0.0%
Total	46,438	10.8%	13.0%	100%	14,712	-25.7%	29.0%	100%

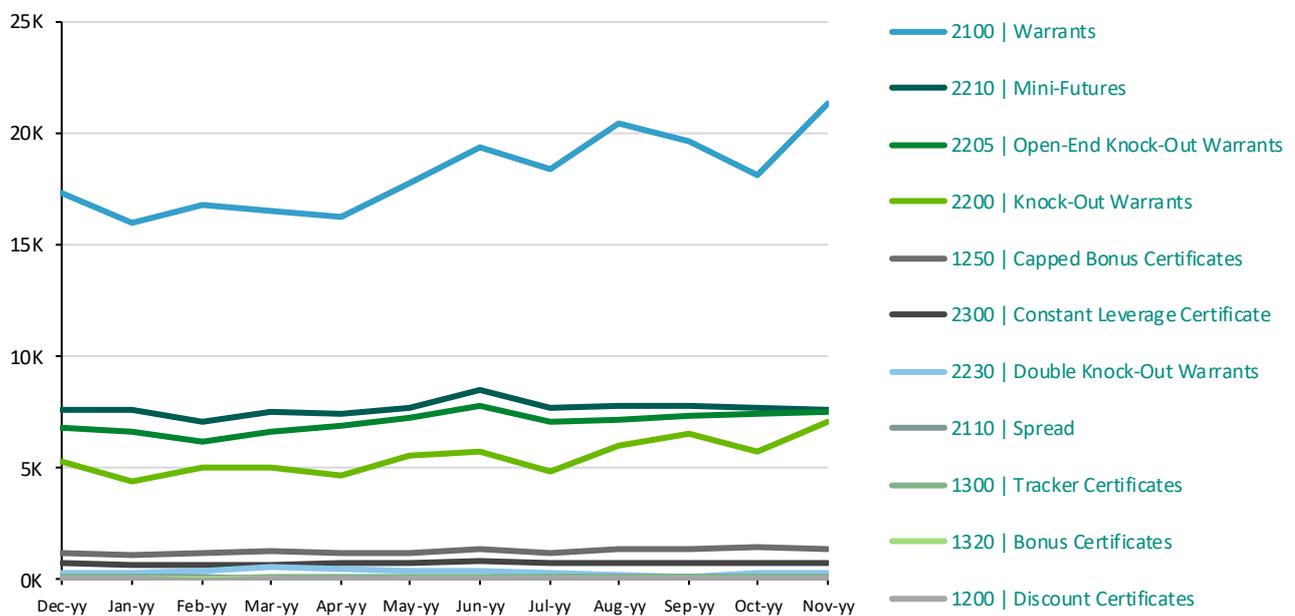
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

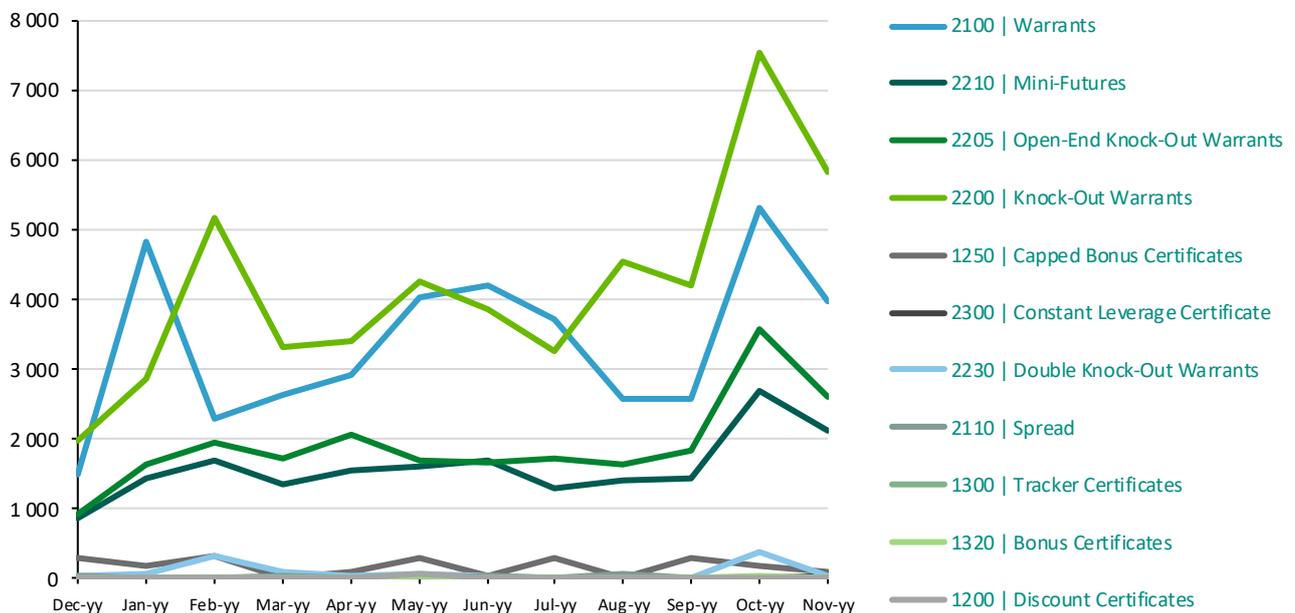
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Paris.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Paris.



PRODUCT STRATEGIES

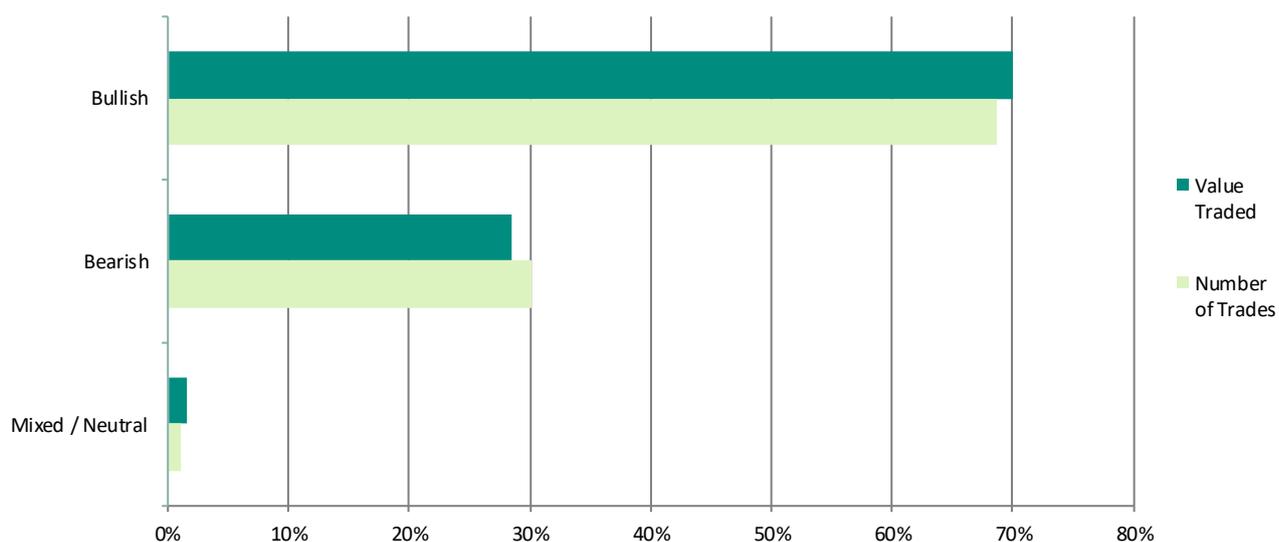
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each product strategy in terms of value traded and number of trades.

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	9,812	-3.6%	10.9%	70.0%	3,756	-7.6%	24%	68.7%
Bearish	3,996	-31%	5.3%	28.5%	1,652	-22%	3.1%	30.2%
Mixed / Neutral	216	-51%	-55%	1.5%	61	-29%	-35%	1.1%
Total	14,024	-14.7%	6.9%	100%	5,469	-12.7%	16.0%	100%

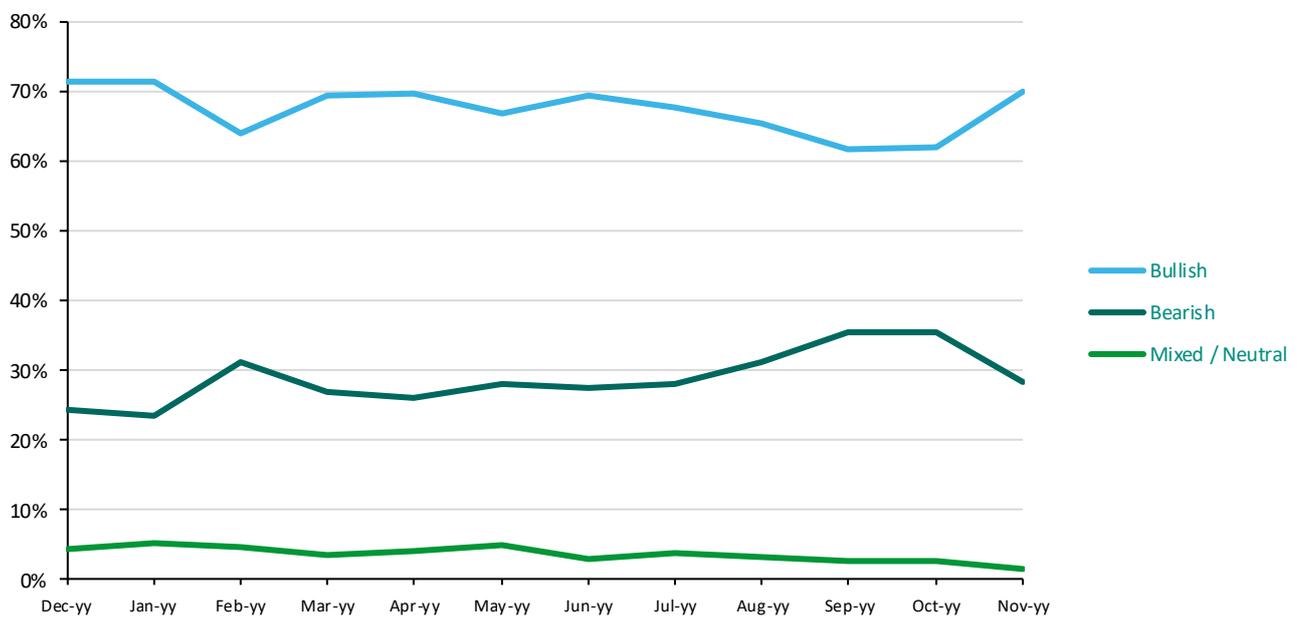
(Source Euronext)



PRODUCT STRATEGIES

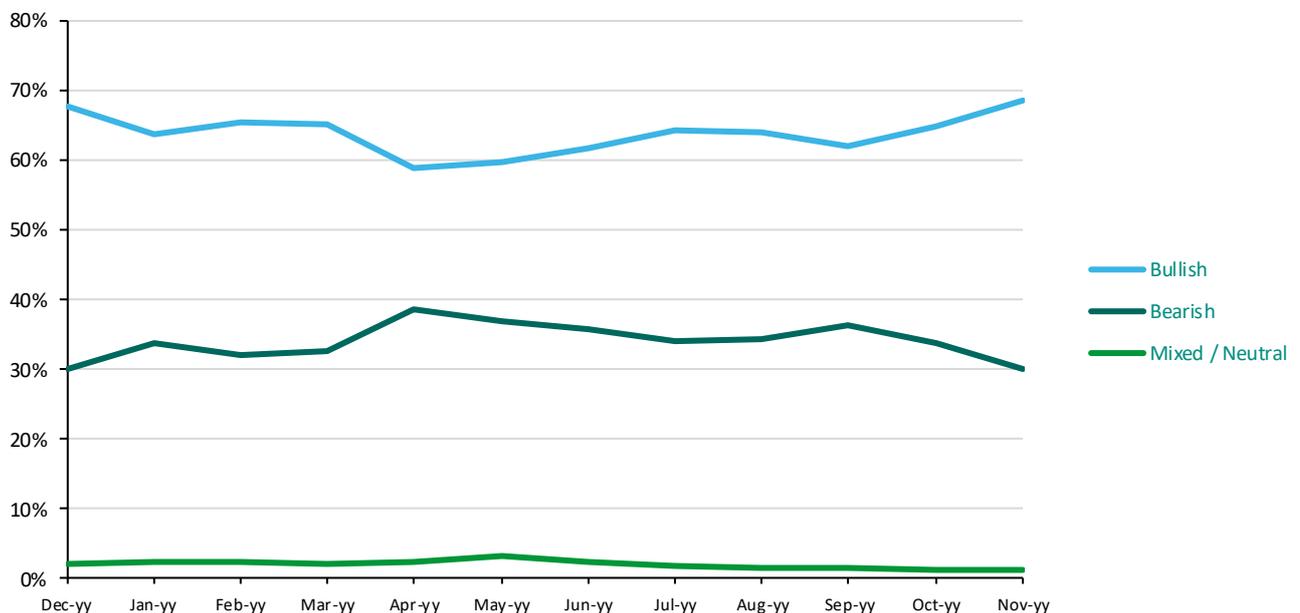
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each product type over the total number of trades on Euronext Paris.



PRODUCT STRATEGIES

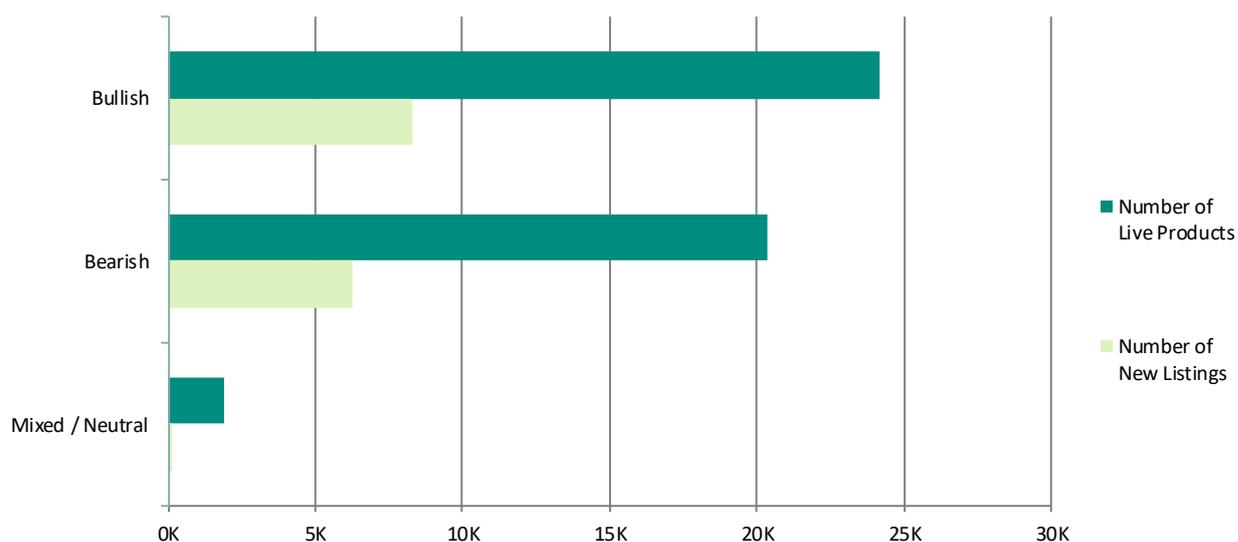
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per product strategy, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each product strategy over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	24,203	10.6%	7.5%	52.1%	8,326	-16.9%	41%	56.6%
Bearish	20,373	12.8%	21%	43.9%	6,252	-32%	20%	42.5%
Mixed / Neutral	1,862	-5.0%	4.8%	4.0%	134	-77%	-54%	0.9%
Total	46,438	10.8%	13.0%	100%	14,712	-25.7%	29.0%	100%

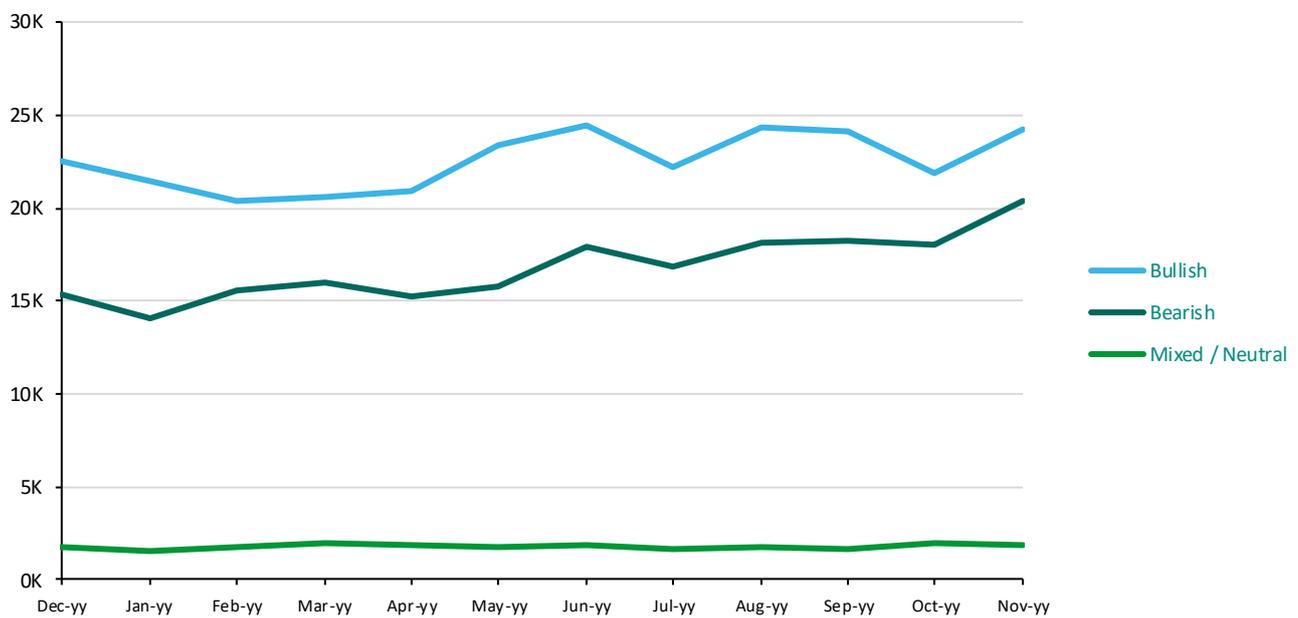
(Source Euronext)



PRODUCT STRATEGIES

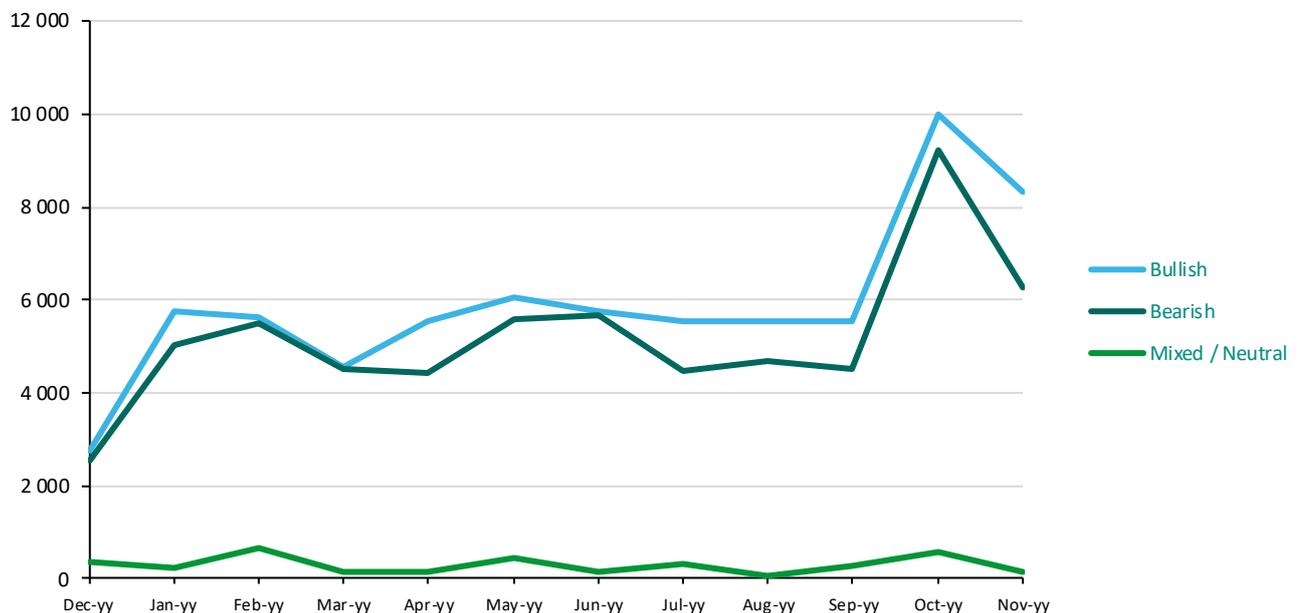
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type on Euronext Paris.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each product type on Euronext Paris.



UNDERLYING TYPES

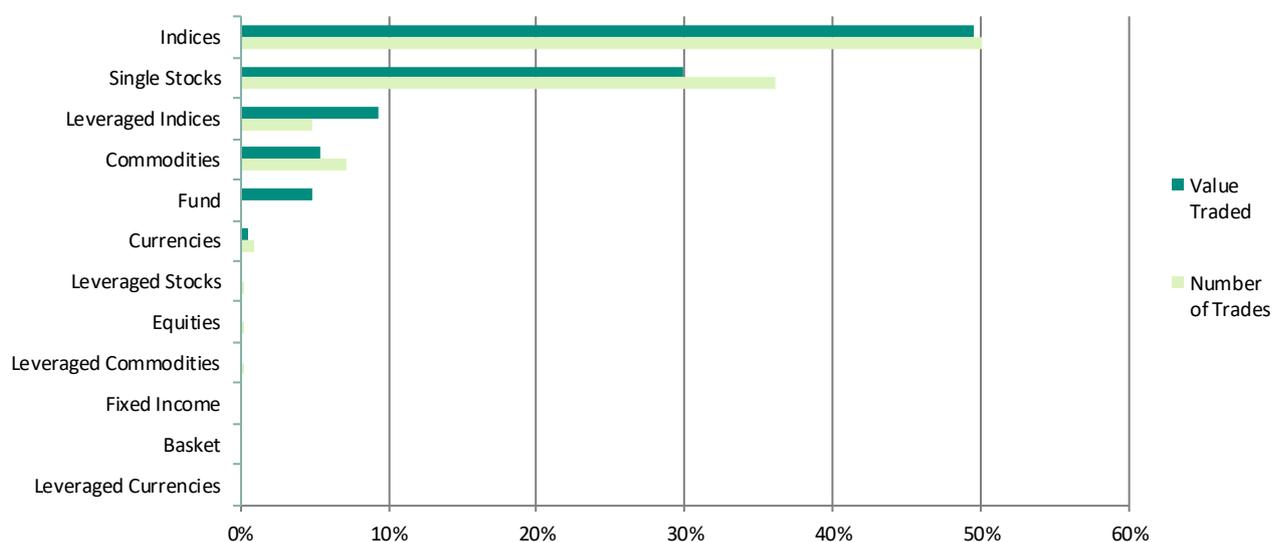
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Paris.

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	6,949	-22%	17.6%	49.6%	2,738	-15.3%	25%	50.1%
Single Stocks	4,191	-7.8%	1.0%	29.9%	1,978	-8.3%	7.0%	36.2%
Leveraged Indices	1,309	-25%	20%	9.3%	265	-35%	3.3%	4.9%
Commodities	759	6.3%	18.7%	5.4%	388	17.0%	48%	7.1%
Fund	688	78%	-35%	4.9%	4.4	-11.0%	-67%	0.1%
Currencies	72	-24%	-50%	0.5%	49	-26%	-40%	0.9%
Leveraged Stocks	19	-32%	-54%	0.1%	15	-14.6%	2.5%	0.3%
Equities	15	57%	-69%	0.1%	13	-17.1%	-46%	0.2%
Leveraged Commodities	8	-53%	-61%	0.1%	11	-6.2%	-3.9%	0.2%
Fixed Income	8	-38%	-64%	0.1%	6.3	-48%	-54%	0.1%
Basket	3	-43%	170%	0.0%	0.5	14.0%	341%	0.0%
Leveraged Currencies	2	101%	216%	0.0%	0.3	57%	10.4%	0.0%
Total	14,024	-14.7%	6.9%	100%	5,469	-12.7%	16.0%	100%

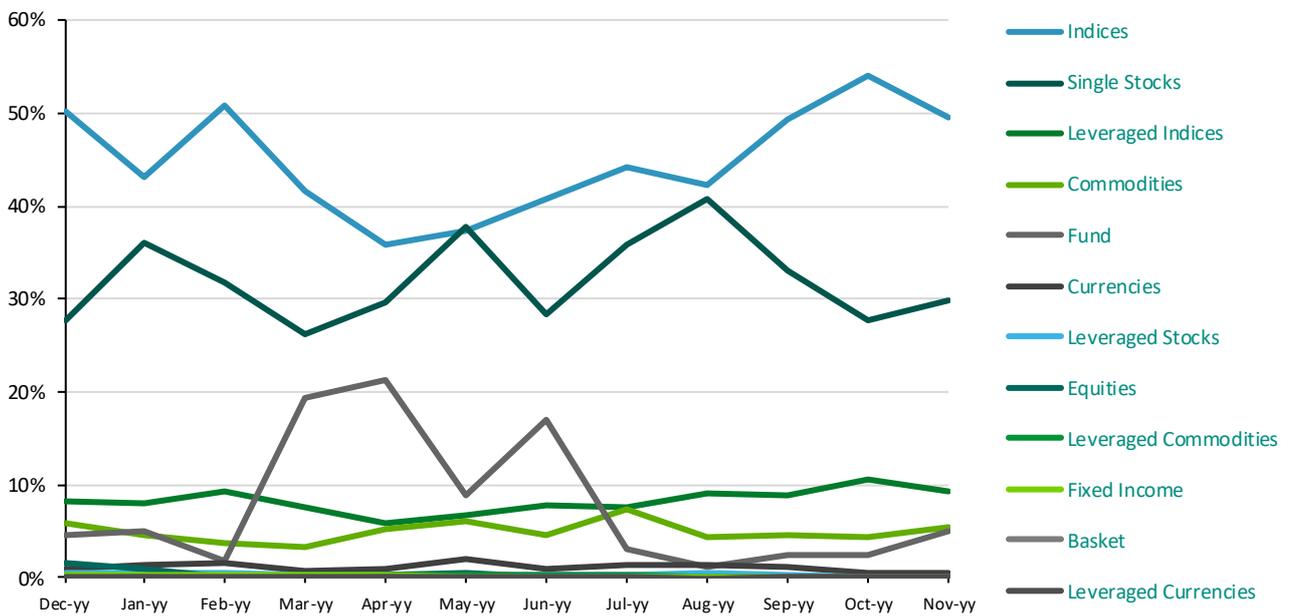
(Source Euronext)



UNDERLYING TYPES

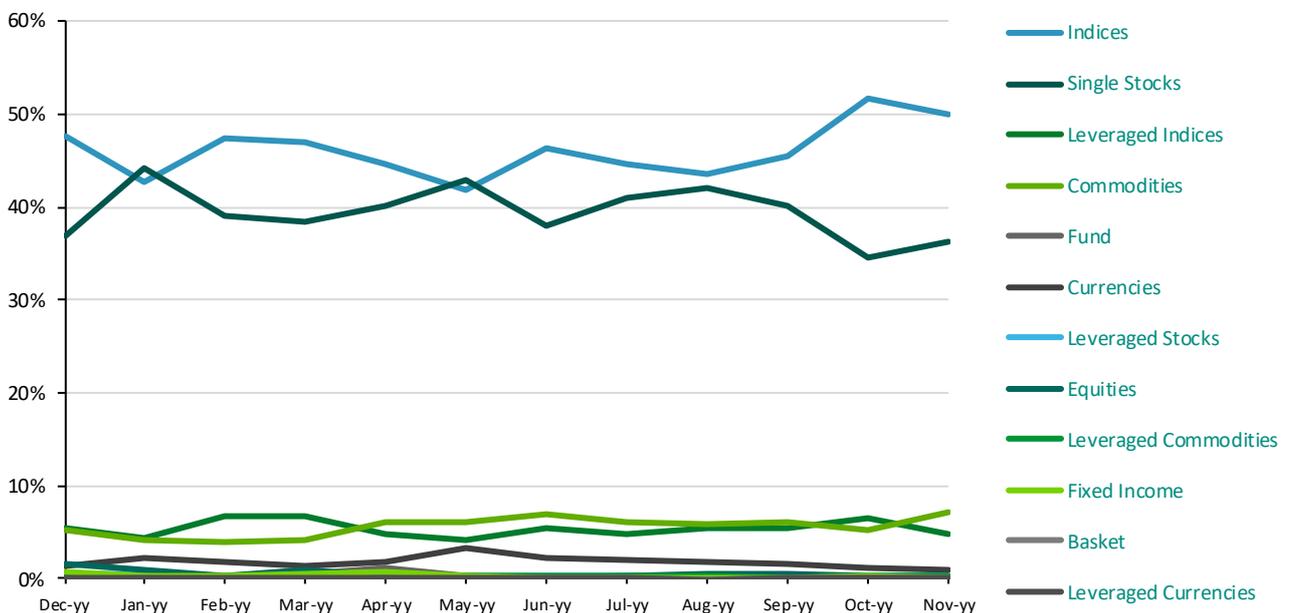
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying type over the total number of trades on Euronext Paris.



UNDERLYING TYPES

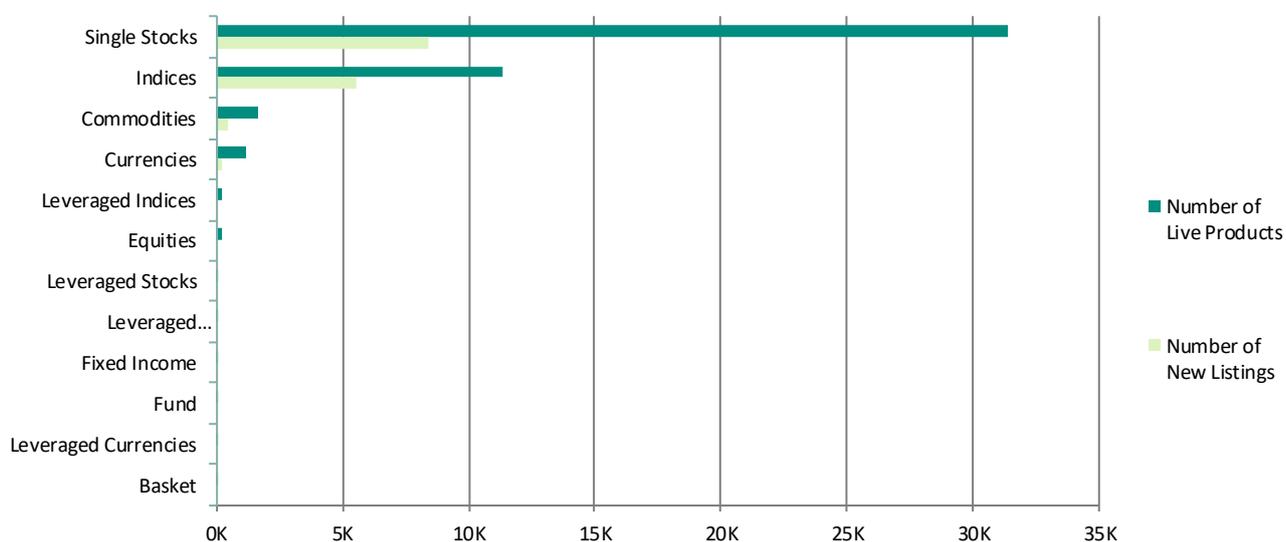
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per underlying type, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying type over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each underlying type.

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	31,420	12.4%	13.7%	67.7%	8,381	-26%	30%	57.0%
Indices	11,385	9.5%	12.9%	24.5%	5,557	-28%	25%	37.8%
Commodities	1,651	-1.7%	9.9%	3.6%	480	8.1%	46%	3.3%
Currencies	1,166	5.5%	1.4%	2.5%	196	8.9%	12.9%	1.3%
Leveraged Indices	254	-2.6%	-5.9%	0.5%	47		694%	0.3%
Equities	230	37%	98%	0.5%	47	-59%	3.7%	0.3%
Leveraged Stocks	88	-1.5%	2.6%	0.2%	0		-100%	0.0%
Leveraged Commodities	79	-6.8%	-0.3%	0.2%	0		-100%	0.0%
Fixed Income	76	-0.2%	-1.0%	0.2%	1	-50%	-45%	0.0%
Fund	75	1.0%	8.6%	0.2%	3	200%	89%	0.0%
Leveraged Currencies	8	0.0%	-9.7%	0.0%	0			0.0%
Basket	5	0.9%	6.9%	0.0%	0		-100%	0.0%
Total	46,438	10.8%	13.0%	100%	14,712	-25.7%	29.0%	100%

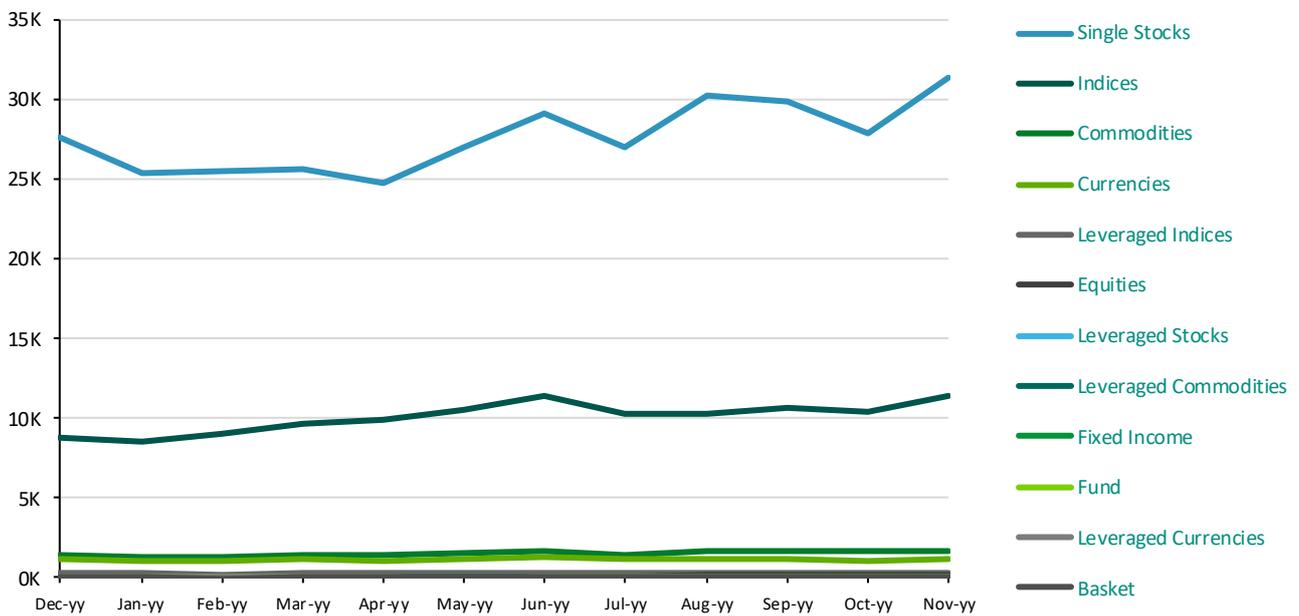
(Source Euronext)



UNDERLYING TYPES

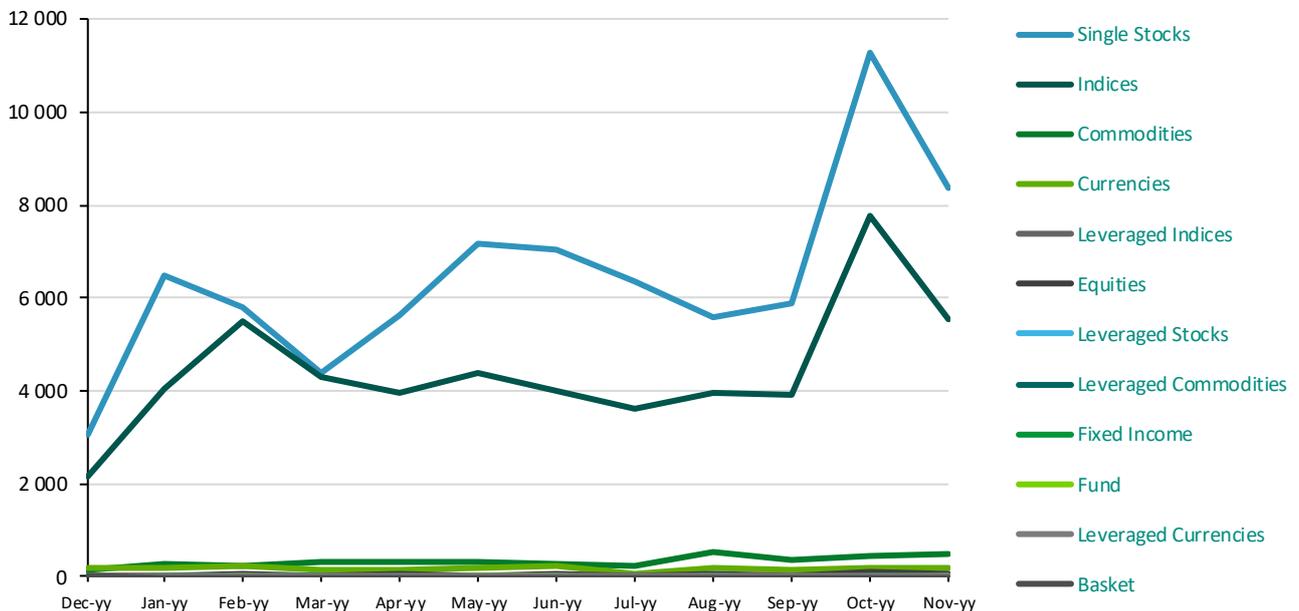
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying type on Euronext Paris.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying type on Euronext Paris.



TOP 10 UNDERLYING COUNTRIES

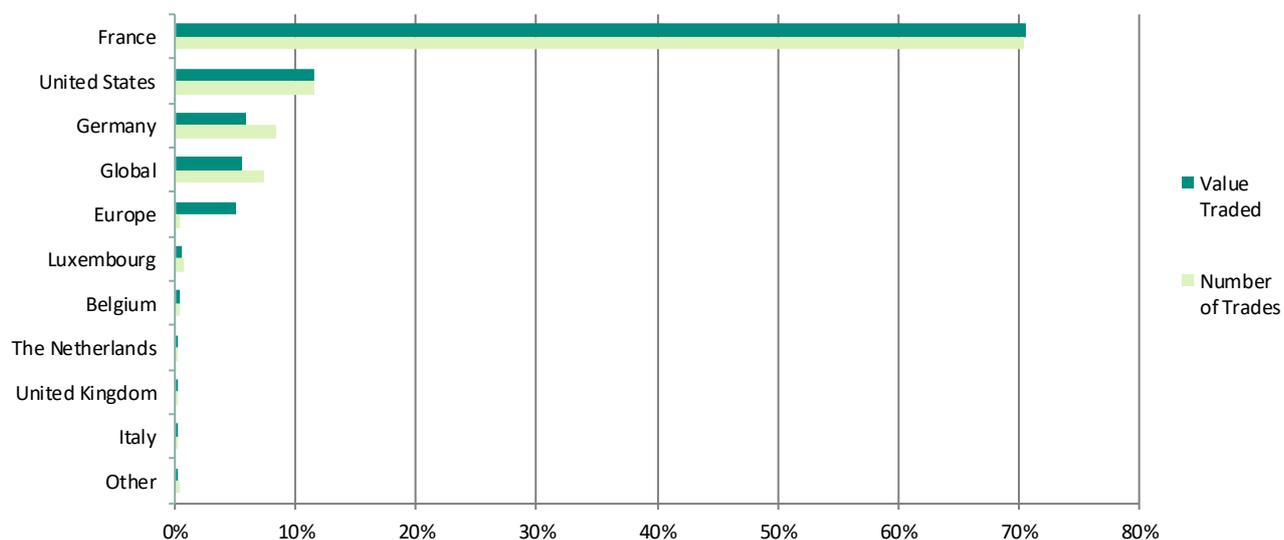
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Paris.

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	9,906	-11.3%	14.4%	70.6%	3,852	-13.1%	13.5%	70.4%
United States	1,611	-38%	8.6%	11.5%	631	-12.1%	25%	11.5%
Germany	815	-29%	-8.5%	5.8%	458	-21%	23%	8.4%
Global	781	-5.0%	12.5%	5.6%	406	7.5%	37%	7.4%
Europe	713	55%	-37%	5.1%	15	-39%	-49%	0.3%
Luxembourg	77	62%	-36%	0.5%	41	2.9%	-16.0%	0.7%
Belgium	37	16.8%	33%	0.3%	22	0.2%	60%	0.4%
The Netherlands	32	-34%	50%	0.2%	11	-33%	13.2%	0.2%
United Kingdom	16	-36%	-29%	0.1%	10.0	-1.7%	-30%	0.2%
Italy	16	-70%		0.1%	9.0	-49%		0.2%
Other	20	-42%	-73%	0.1%	14	-34%	-53%	0.3%
Total	14,024	-14.7%	6.9%	100%	5,469	-12.7%	16.0%	100%

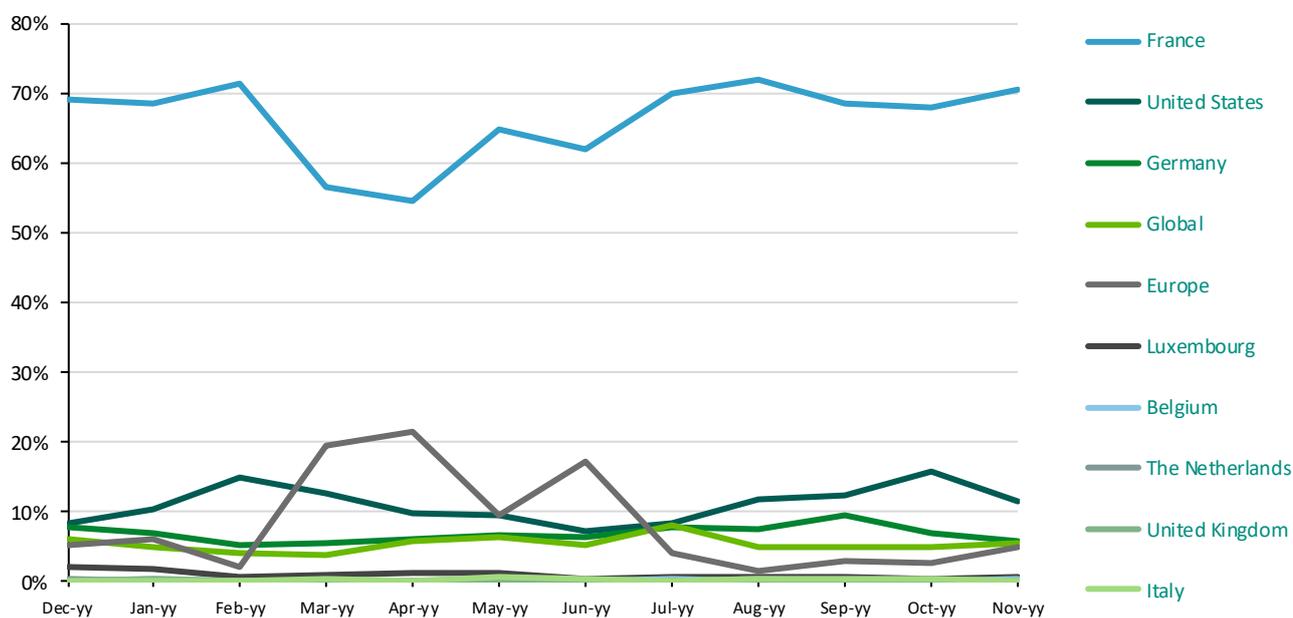
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

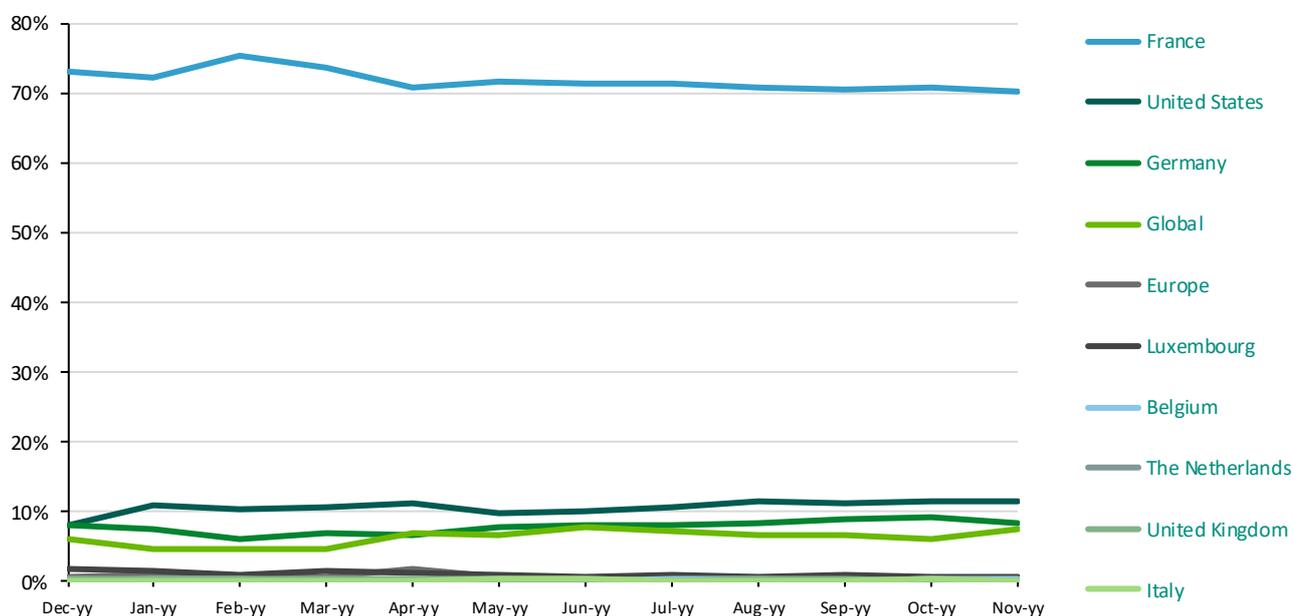
Market Trend: Value traded

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



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each underlying country of origin over the total number of trades on Euronext Paris.



TOP 10 UNDERLYING COUNTRIES

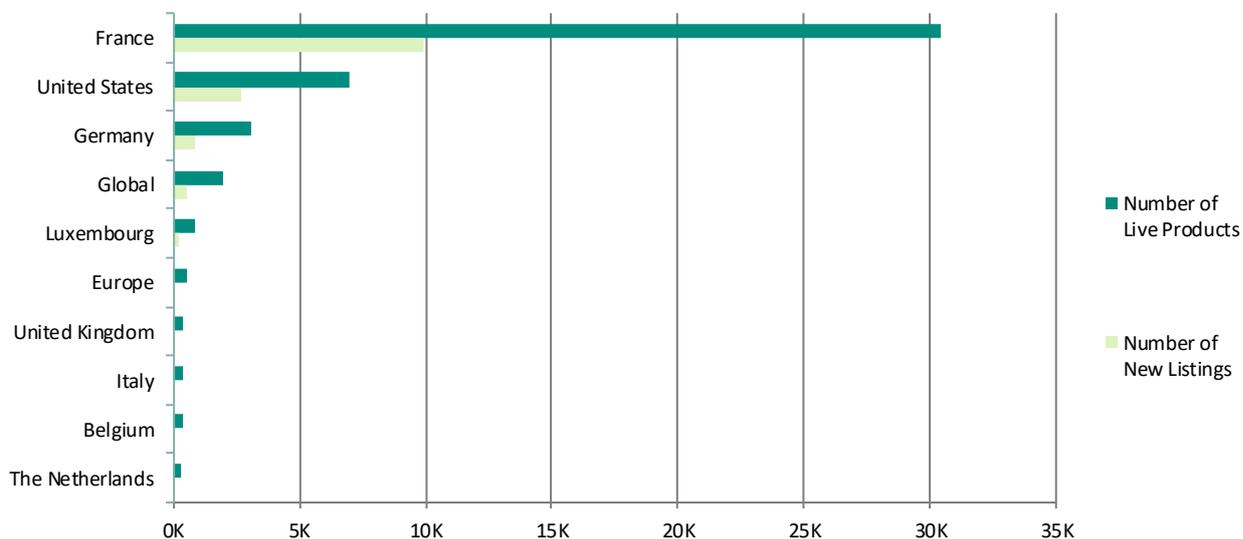
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris per country of origin of the underlying, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each underlying country of origin over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying country.

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	30,457	11.3%	10.3%	65.6%	9,941	-25%	29%	67.6%
United States	7,002	12.9%	28%	15.1%	2,686	-2.7%	53%	18.3%
Germany	3,085	11.4%	12.0%	6.6%	881	-52%	-2.4%	6.0%
Global	1,931	-0.8%	10.0%	4.2%	507	3.7%	47%	3.4%
Luxembourg	868	6.0%	4.0%	1.9%	241	-21%	7.8%	1.6%
Europe	560	2.1%	0.2%	1.2%	88	-50%	-7.7%	0.6%
United Kingdom	404	7.3%	15.2%	0.9%	38	-71%	-40%	0.3%
Italy	386	1.6%	-0.9%	0.8%	37	-26%	-34%	0.3%
Belgium	383	12.3%	36%	0.8%	68	-62%	15.3%	0.5%
The Netherlands	329	13.1%	42%	0.7%	78	-40%	47%	0.5%
Other	1,032	19.0%	23%	2.2%	147	-66%	-2.5%	1.0%
Total	46,438	10.8%	13.0%	100%	14,712	-25.7%	29.0%	100%

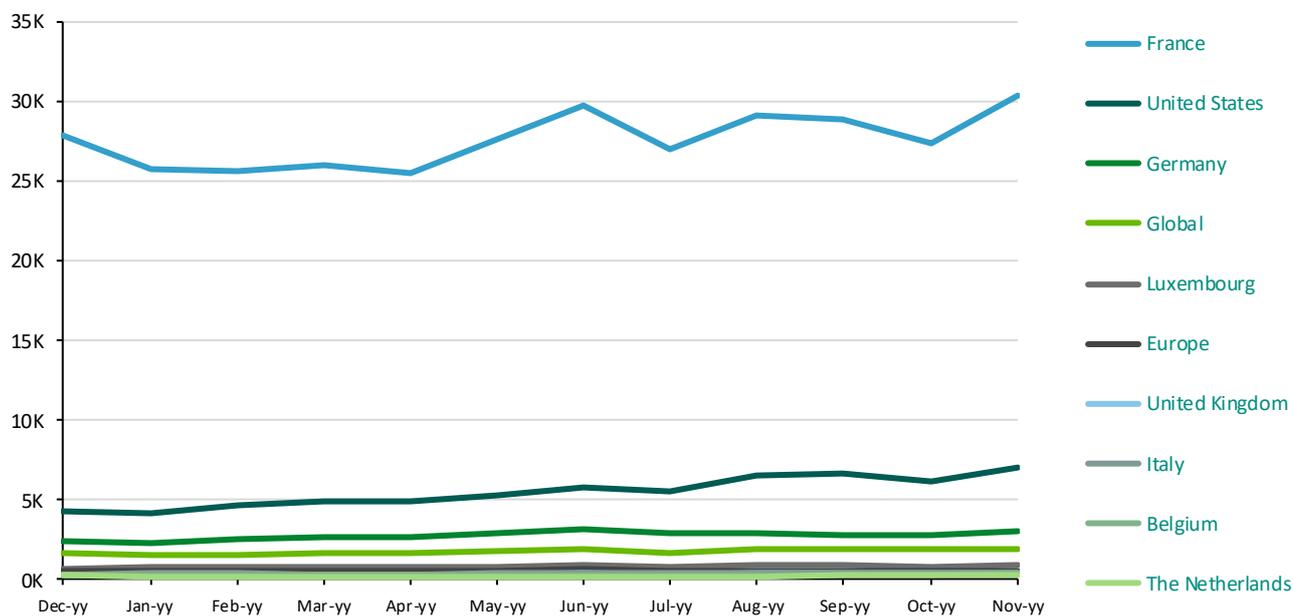
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

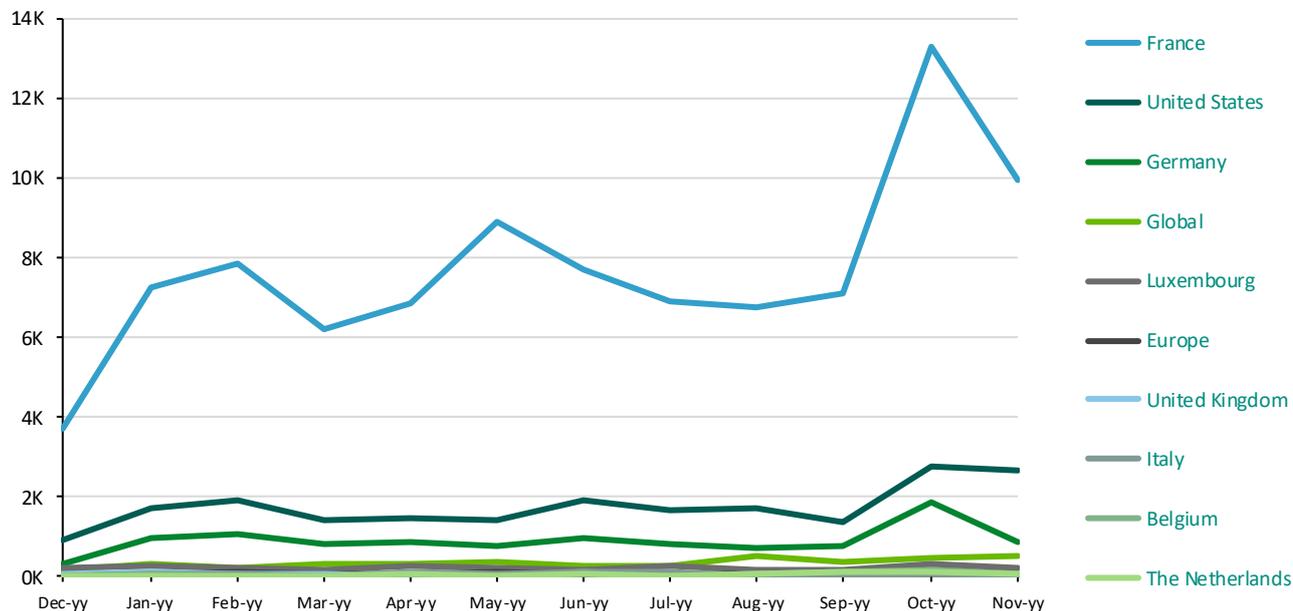
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each underlying country of origin on Euronext Paris.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each underlying country of origin on Euronext Paris.



TOP 10 UNDERLYINGS

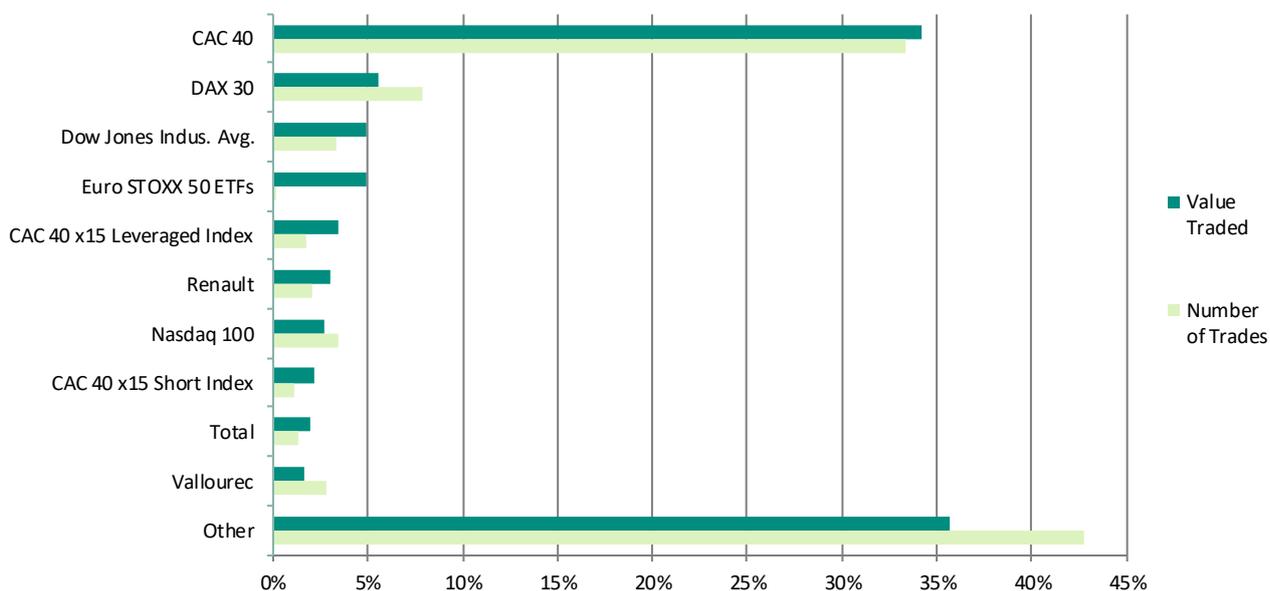
Market Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each of the top 10 underlyings in terms of value traded and number of trades.

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	4,803	-14.8%	23%	34.2%	1,826	-15.0%	22%	33.4%
DAX 30	772	-27%	-4.0%	5.5%	432	-17.7%	30%	7.9%
Dow Jones Indus. Avg.	691	23%	40%	4.9%	182	-5.4%	30%	3.3%
Euro STOXX 50 ETFs	688	79%	-35%	4.9%	4.4	-7.9%	-67%	0.1%
CAC 40 x15 Leveraged Index	476	9.1%	48%	3.4%	97	-19.9%	36%	1.8%
Renault	415	67%	116%	3.0%	113	119%	90%	2.1%
Nasdaq 100	379	-43%	37%	2.7%	188	-0.3%	78%	3.4%
CAC 40 x15 Short Index	296	-1.8%	48%	2.1%	58	-17.2%	7.4%	1.1%
Total	271	153%	119%	1.9%	74	36%	58%	1.4%
Vallourec	227	91%	14.9%	1.6%	154	146%	83%	2.8%
Other	5,005	-28%	-10.1%	35.7%	2,339	-17.7%	1.2%	42.8%
Total	14,024	-14.7%	6.9%	100%	5,469	-12.7%	16.0%	100%

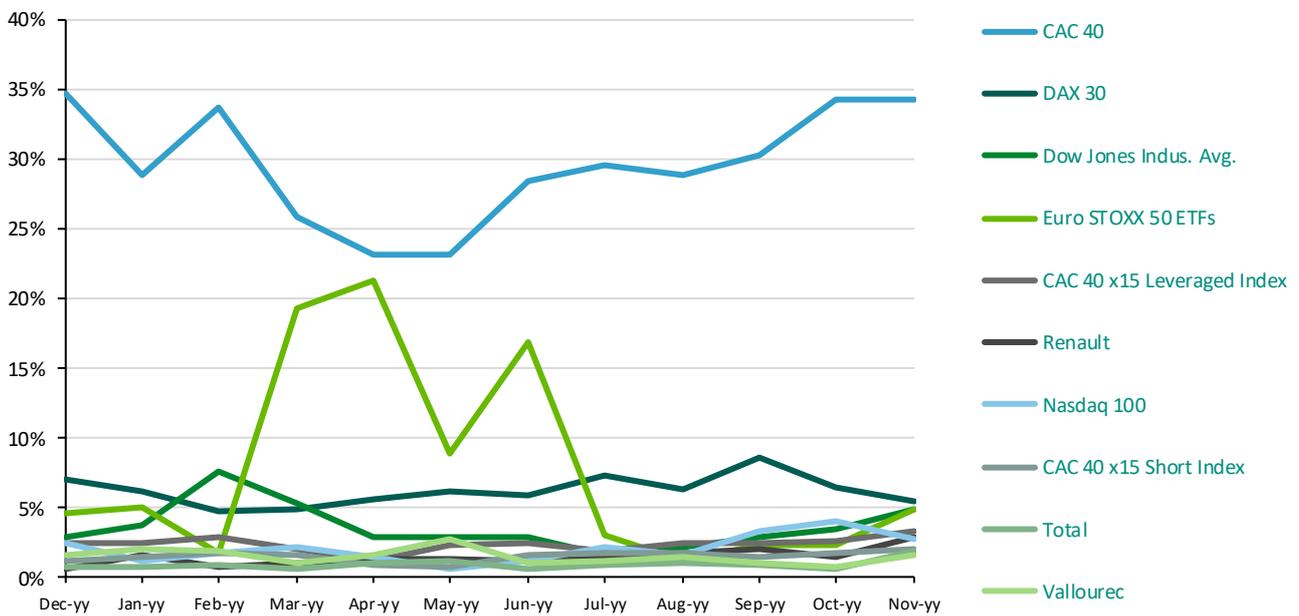
(Source Euronext)



TOP 10 UNDERLYINGS

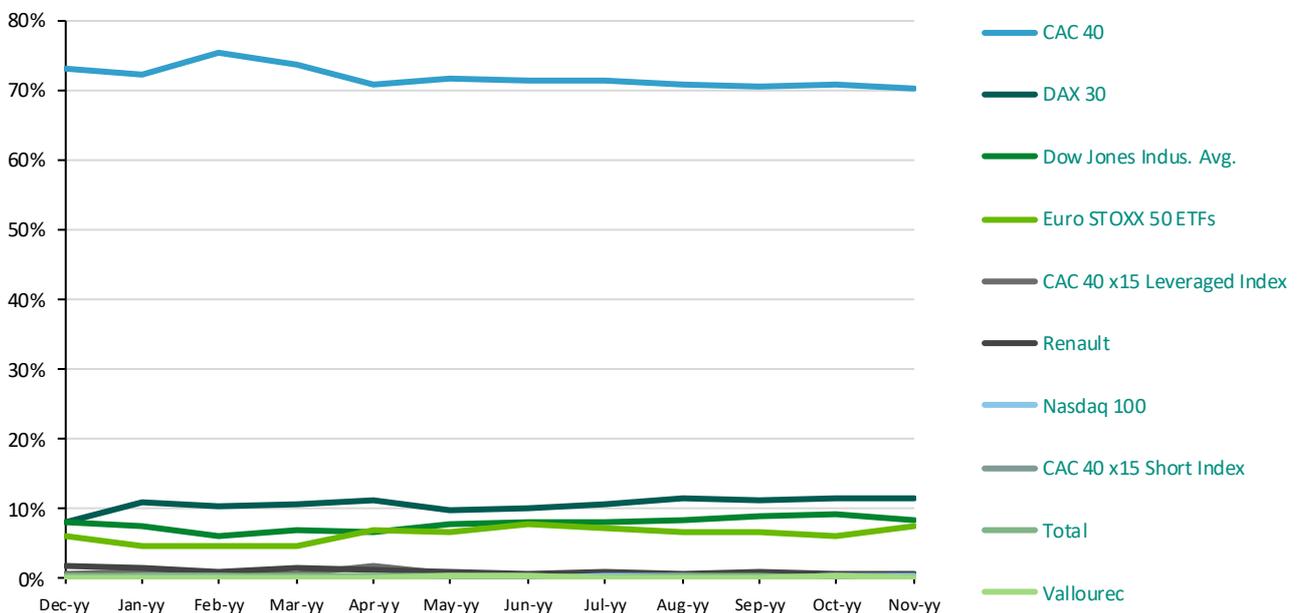
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each top 10 underlying over the total value traded on Euronext Paris.



Market Trend: Number of trades

The historical graph below displays the weight of the number of trades of each top 10 underlying over the total number of trades on Euronext Paris.



TOP 10 UNDERLYINGS

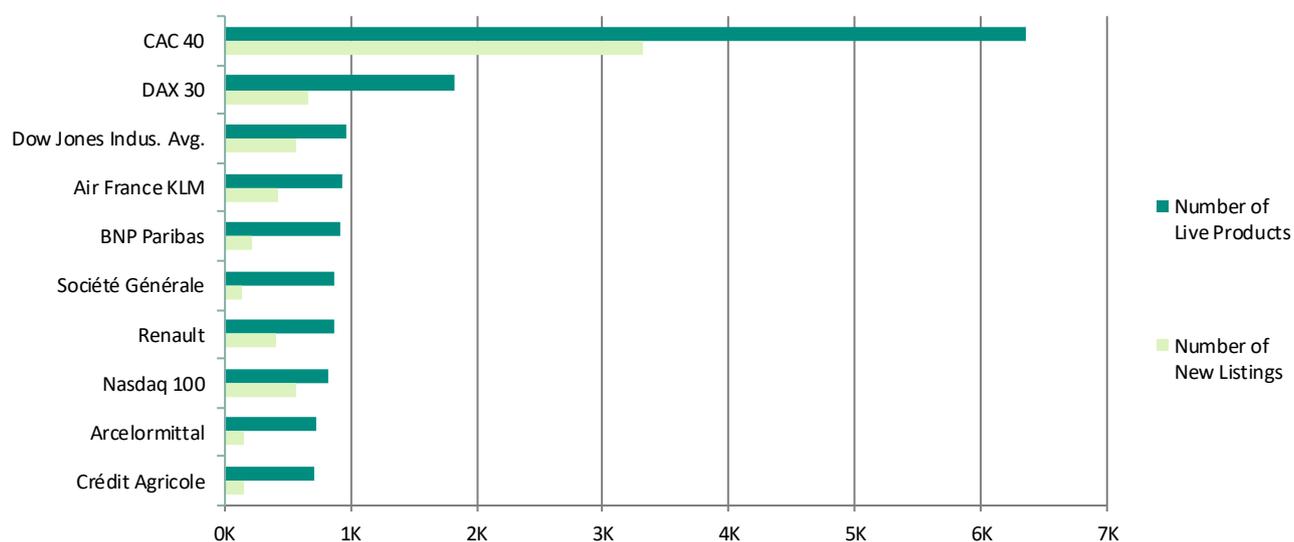
Product Overview

The table below displays the daily averages of value traded and number of trades on Euronext Paris for the top 10 underlyings, as well as the variation over the previous month, over the last 12 months' monthly average and the weight of each of the top 10 underlyings over the total of Euronext Paris.

The chart at the bottom of the page represents the number of live products and number of new products for each top 10 underlying.

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	6,352	7.8%	14.5%	13.7%	3,317	-29%	19.9%	22.5%
DAX 30	1,819	14.1%	11.0%	3.9%	656	-52%	-4.1%	4.5%
Dow Jones Indus. Avg.	971	9.4%	20%	2.1%	568	-8.7%	59%	3.9%
Air France KLM	926	17.6%	12.6%	2.0%	430	8.0%	52%	2.9%
BNP Paribas	914	11.9%	13.5%	2.0%	220	-38%	20%	1.5%
Société Générale	873	7.6%	7.2%	1.9%	141	-50%	-18.2%	1.0%
Renault	864	17.7%	4.1%	1.9%	416	7.2%	82%	2.8%
Nasdaq 100	817	17.0%	21%	1.8%	571	3.3%	95%	3.9%
Arcelormittal	724	5.9%	-0.9%	1.6%	158	-38%	-10.5%	1.1%
Crédit Agricole	715	7.1%	3.4%	1.5%	158	-29%	12.1%	1.1%
Other	31,464	11.0%	13.5%	67.8%	8,077	-24%	32%	54.9%
Total	46,438	10.8%	13.0%	100%	14,712	-25.7%	29.0%	100%

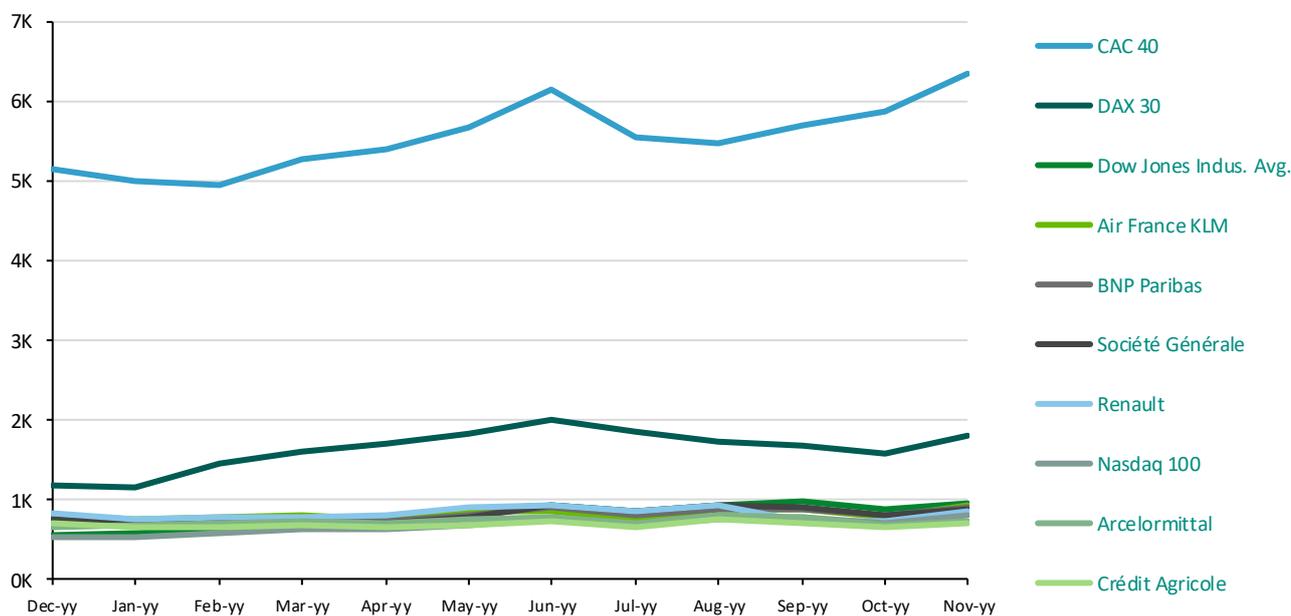
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TOP 10 UNDERLYINGS

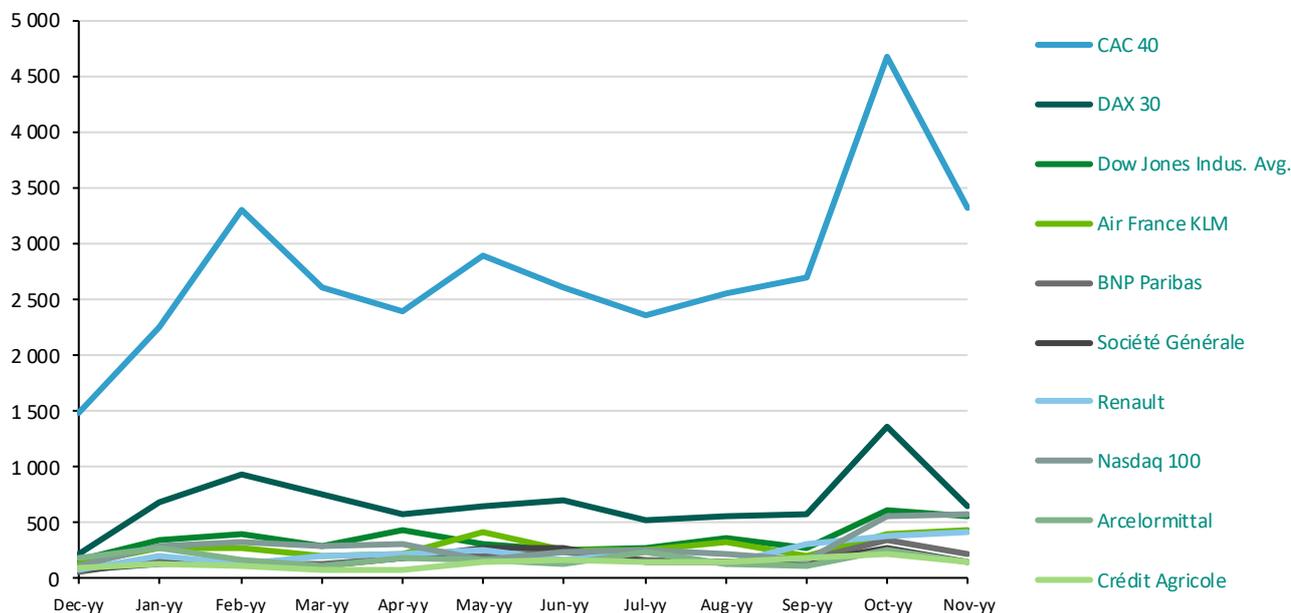
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext Paris.



Product Trend: Number of New Products

The historical graph below displays the monthly number of new products for each top 10 underlying on Euronext Paris.



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	21,678	2,694
NL0013062318	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	15,543	34
NL0012355515	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	13,772	78
DE000CJ3WNY7	Commerzbank	2100	Warrants	CAC 40	9,908	448
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	9,565	1,718
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	6,231	1,152
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	6,212	1,176
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	5,039	890
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	4,934	728
LU1840894593	Société Générale	2200	Knock-Out Warrants	CAC 40	4,708	176
DE000CA0ZD72	Commerzbank	2300	Constant Leverage Certificate	CAC 40	4,337	798
LU1841019471	Société Générale	2200	Knock-Out Warrants	CAC 40	4,330	240
LU1555075354	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Short Index	4,226	746
LU1555075784	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	3,639	792
LU1555074977	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,357	896
FRBNPP00Q4C1	BNP Paribas	2200	Knock-Out Warrants	CAC 40	3,114	166
LU1817305953	Société Générale	2100	Warrants	CAC 40	3,088	366
LU1789963128	Société Générale	2100	Warrants	CAC 40	2,642	252
DE000CE8WCF3	Commerzbank	2300	Constant Leverage Certificate	CAC 40	2,556	1,454
DE000CP19YN2	Citi	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	2,488	8
DE000CY5AW73	Citi	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	2,436	274
DE000CV5YV31	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	2,409	32
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leveraged Index	2,351	338
LU1815432056	Société Générale	1300	Tracker Certificates	CAC 40 x10 Short Index	2,287	36
DE000CJ3XJ01	Commerzbank	2100	Warrants	BNP Paribas	2,192	216
DE000CJ3X2T7	Commerzbank	2200	Knock-Out Warrants	Renault	2,184	106
LU1719603638	Société Générale	2100	Warrants	CAC 40	2,183	426
DE000CZ28ZJ7	Commerzbank	2300	Constant Leverage Certificate	CAC 40	2,122	852
DE000CV5YV23	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	2,075	40
LU1817075267	Société Générale	2100	Warrants	Dow Jones Indus. Avg.	2,071	80
DE000CA30TL5	Commerzbank	2100	Warrants	Scor	2,055	162
DE000CJ5BFA2	Commerzbank	2200	Knock-Out Warrants	Renault	2,049	72
FRBNPP00CZH9	BNP Paribas	2210	Mini-Futures	Total	2,043	70
DE000CR7M9S6	Commerzbank	2210	Mini-Futures	Atos Origin	2,038	254
DE000CA31F95	Commerzbank	2200	Knock-Out Warrants	Renault	1,959	132
DE000CJ3V669	Commerzbank	2100	Warrants	Kering	1,927	90
DE000CA32BC8	Commerzbank	2200	Knock-Out Warrants	Total	1,837	86
DE000CD9FVC4	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	1,750	40
DE000CP1E737	Citi	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	1,740	16
FRBNPP00NYX6	BNP Paribas	2200	Knock-Out Warrants	CAC 40	1,735	336
DE000CJ3XKJ2	Commerzbank	2100	Warrants	Renault	1,599	312
LU1817306092	Société Générale	2100	Warrants	CAC 40	1,575	138
LU1789962823	Société Générale	2100	Warrants	CAC 40	1,550	246
FR0010673350	Société Générale	1300	Tracker Certificates	Gold	1,506	96
DE000CA00XP1	Commerzbank	2100	Warrants	Sanofi-Aventis	1,464	152
FRBNPP00PDD7	BNP Paribas	2200	Knock-Out Warrants	CAC 40	1,450	160
DE000CJ3YKD3	Commerzbank	2100	Warrants	BNP Paribas	1,437	100
DE000VA7Z8Z4	Vontobel	2210	Mini-Futures	CAC 40	1,414	244
FRBNPP00PCMO	BNP Paribas	2200	Knock-Out Warrants	CAC 40	1,393	306
DE000CJ3WZ10	Commerzbank	2200	Knock-Out Warrants	DAX 30	1,362	476

(Source Euronext)



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