



warrants and certificates

Activity report

Issue 94
May 2019

Contents

05 Euronext Markets

- 06 Issuers
- 10 Product types (EUSIPA categorization level 2)
- 14 Product types (EUSIPA categorization level 3)
- 18 Product strategies
- 22 Underlying types
- 26 Top 10 underlyings countries
- 30 Top 10 underlyings
- 34 Top 50 traded products

35 Euronext Amsterdam

- 36 Issuers
- 40 Product types (EUSIPA categorization level 2)
- 44 Product types (EUSIPA categorization level 3)
- 48 Product strategies
- 52 Underlying types
- 56 Top 10 underlyings countries
- 60 Top 10 underlyings
- 64 Top 50 traded products

65 Euronext Brussels

- 66 Issuers
- 70 Product types (EUSIPA categorization level 2)
- 74 Product types (EUSIPA categorization level 3)
- 78 Product strategies
- 82 Underlying types
- 86 Top 10 underlyings countries
- 90 Top 10 underlyings
- 94 Top 50 traded products

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided “as is” without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext’s subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

All data as of the date of publication unless stated otherwise. Euronext disclaims any duty to update this information.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/terms-use>.

© 2019, Euronext N.V. - All rights reserved.

Contents

95 Euronext Lisbon

96	Issuers
100	Product types (EUSIPA categorization level 2)
104	Product types (EUSIPA categorization level 3)
108	Product strategies
112	Underlying types
116	Top 10 underlyings countries
120	Top 10 underlyings
124	Top 50 traded products

125 Euronext Paris

126	Issuers
130	Product types (EUSIPA categorization level 2)
134	Product types (EUSIPA categorization level 3)
138	Product strategies
142	Underlying types
146	Top 10 underlyings countries
150	Top 10 underlyings
154	Top 50 traded products

	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 31/05/2019)	21,868	747	1,575	52,805	76,995
New Products	5,522	181	279	17,081	23,063
New Products YTD	24,758	944	1,746	78,082	105,530
Value Traded (in €m)	381.7	8.2	111.6	292.1	793.6
Value Traded YTD (in €m)	1,960.6	52.7	526.8	1,344.9	3,885.1
Value Traded ADV (in €m)	17.3	0.4	5.1	13.3	36.1
Value Traded YTD ADV (in €m)	18.7	0.5	5.0	12.8	37.0
Number of Trades	171,778	4,865	10,719	112,079	299,441
Number of Trades YTD	786,695	24,534	48,659	487,734	1,347,622
Number of Trades ADV	7,808	221	487	5,095	13,611
Number of Trades YTD ADV	7,492	234	463	4,645	12,834

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

Euronext's futures contract on real estate proposes an innovative, alternative solution for investors seeking exposure to the Paris real estate market without the constraints of physical investment.

The contract is based on the PARISSQM index, a new reference price for Paris Residential Real Estate, created by Compass Financial Technologies and Kalstone, which has been live since May 2018.

Based solely on real transaction data, the index is published every two weeks with a six-week lag and quoted in euro per square metre.

The Compass Kalstone Paris Residential Property Index has been designed to provide a responsive and consistent benchmark for typical transacted prices in the residential real estate market.

ABOUT THE INDEX

- The first investable benchmark to replicate the evolution of Paris real estate housing prices
- Based on a proprietary methodology using central tendency, stratification and noise filtering techniques
- Published every two weeks with a lag of six weeks. Index value represents the observed transacted price per square metre over the specific two-week period.
- The first pure proxy index (per square metre in euro) for the residential real estate market in Paris; based on real transaction data reported by the Paris Notaires Services*
- More than 10 years data history collected and price evolution available on Bloomberg and Reuters.
- Compass Kalstone is a complementary partnership between financial indices expert Compass and real estate and finance solution provider Kalstone.

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

- Develop a flexible and efficient strategy to diversify property or trading portfolios.
- Hedge portfolio price risks with real estate futures
- The index reflects exact actual transactions, allowing investors to have accurate exposure to the real estate market, in a price per square metre
- Counterparty risk mitigation through LCH SA
- Cost efficiency: eliminates the constraints of a physical investment (no public notary required) and much lower capital requirements
- Transparency and liquidity: real-time quotation throughout market opening hours
- Financial leverage and flexibility
- Benefit from movements in housing prices

Find out more

To find out more about the Paris real estate futures contract, contact the Euronext Commodities team at:

commodities@euronext.com

Business Development: +33 1 70 48 28 48

Product Development: +33 1 70 48 28 49

* All property transactions in France must be made through a 'notaire', a legal specialist who is a public official acting on behalf of the French state.



Euronext Markets

ISSUERS

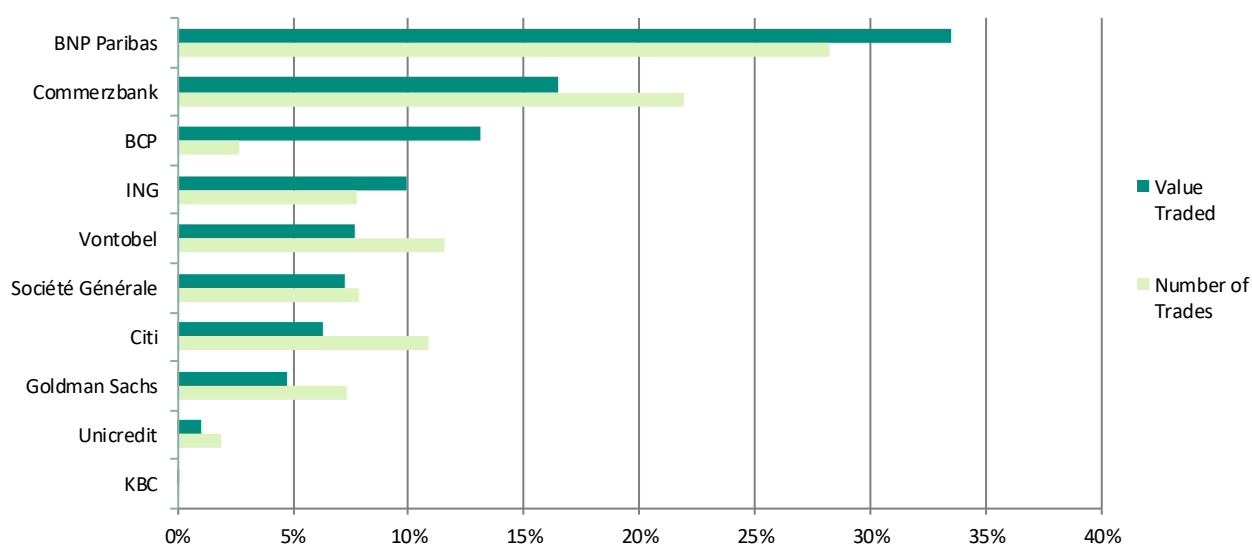
Market Overview

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	12,102	-7.5%	-7.7%	33.5%	3,840	15.8%	8.0%	28.2%
Commerzbank	5,938	-21%	-19.0%	16.5%	2,982	491.1%	-10.5%	21.9%
BCP	4,740	-21%	32%	13.1%	356	-87.9%	-67.8%	2.6%
ING	3,591	-31%	18.2%	10.0%	1,056	-13.0%	339.3%	7.8%
Vontobel	2,755	24%	-6.7%	7.6%	1,579	92.2%	49.8%	11.6%
Société Générale	2,614	52%	-4.2%	7.2%	1,068	7.4%	-23.8%	7.8%
Citi	2,260	56%	-9.4%	6.3%	1,482	91.9%	67.5%	10.9%
Goldman Sachs	1,712	22%	3.8%	4.7%	993	-1.3%	4.6%	7.3%
Unicredit	359	33%	0.4%	1.0%	255	33.1%	22.3%	1.9%
KBC	1	-87%	-99%	0.0%	0.1	-69.7%	-87.0%	0.0%
Total	36,072	-7.1%	-3.4%	100%	13,611	15.6%	6.9%	100%

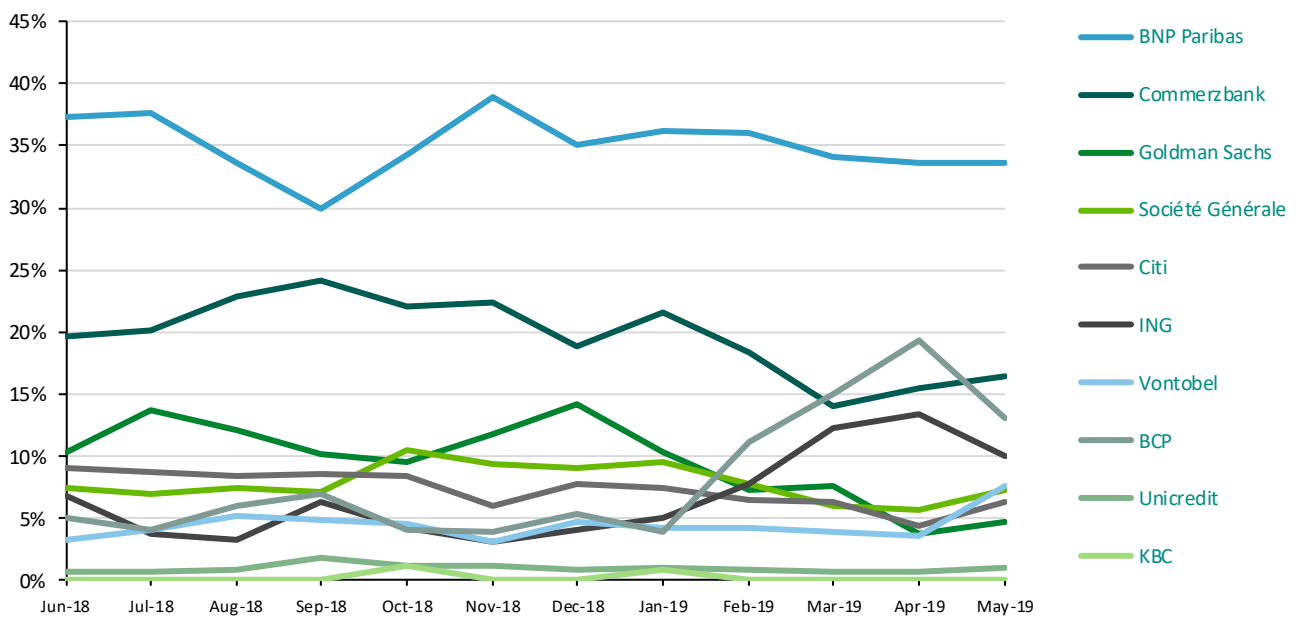
(Source Euronext)



ISSUERS

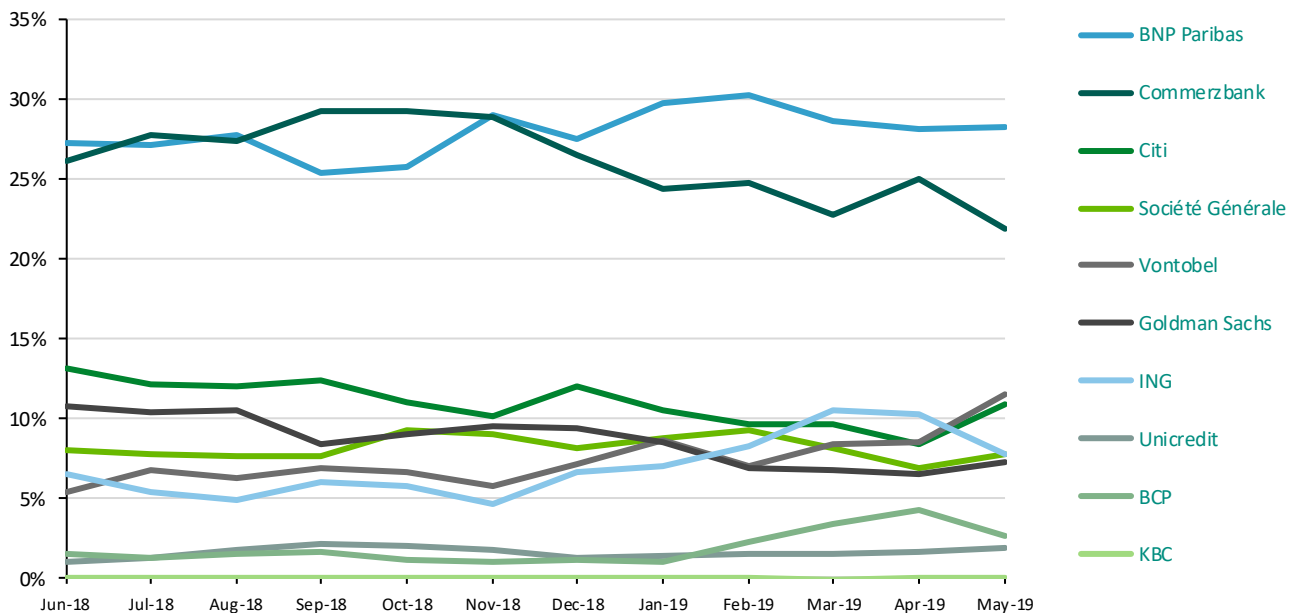
Market Trend: Value traded

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



ISSUERS

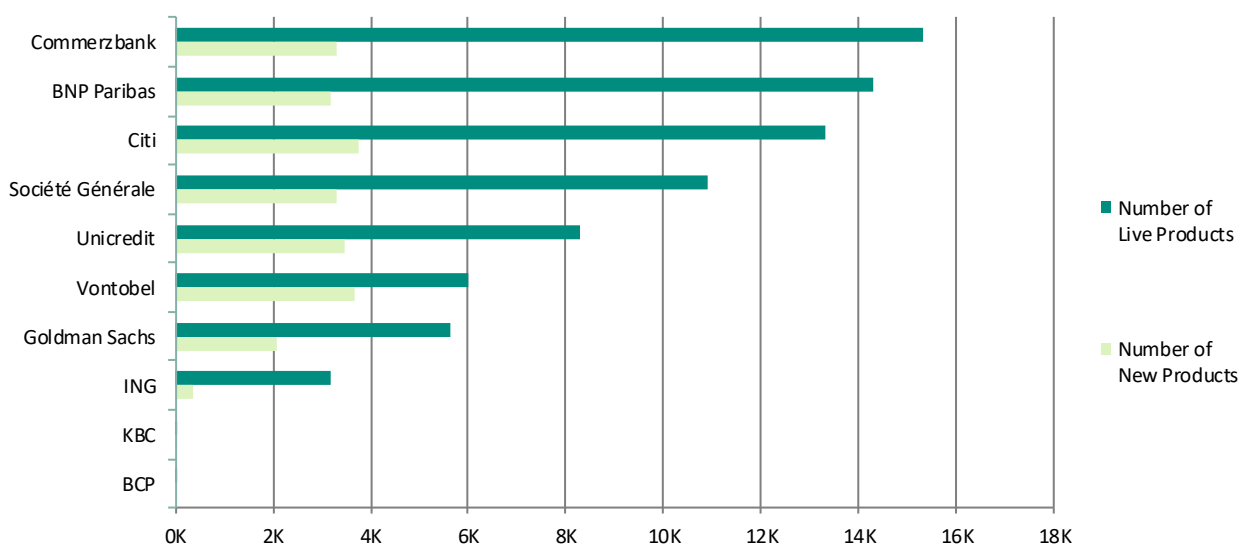
Product Overview

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	15,319	5.7%	0.1%	19.9%	3,292	18.9%	-0.8%	14.3%
BNP Paribas	14,297	1.0%	23%	18.6%	3,160	-6.3%	-5.1%	13.7%
Citi	13,321	7.1%	14.9%	17.3%	3,756	-9.7%	8.3%	16.3%
Société Générale	10,899	1.7%	13.0%	14.2%	3,300	-3.0%	7.4%	14.3%
Unicredit	8,282	6.3%	13.3%	10.8%	3,462	57%	77%	15.0%
Vontobel	6,016	1.1%	4.3%	7.8%	3,663	19.5%	34%	15.9%
Goldman Sachs	5,624	5.4%	9.5%	7.3%	2,089	47%	62%	9.1%
ING	3,189	0.9%	2.2%	4.1%	340	-17.7%	7.3%	1.5%
KBC	24	-4.1%	3.0%	0.0%	1	0.0%	-48%	0.0%
BCP	22	-0.2%	-0.7%	0.0%	0			0.0%
Total	76,995	3.9%	10.7%	100%	23,063	10.8%	18.3%	100%

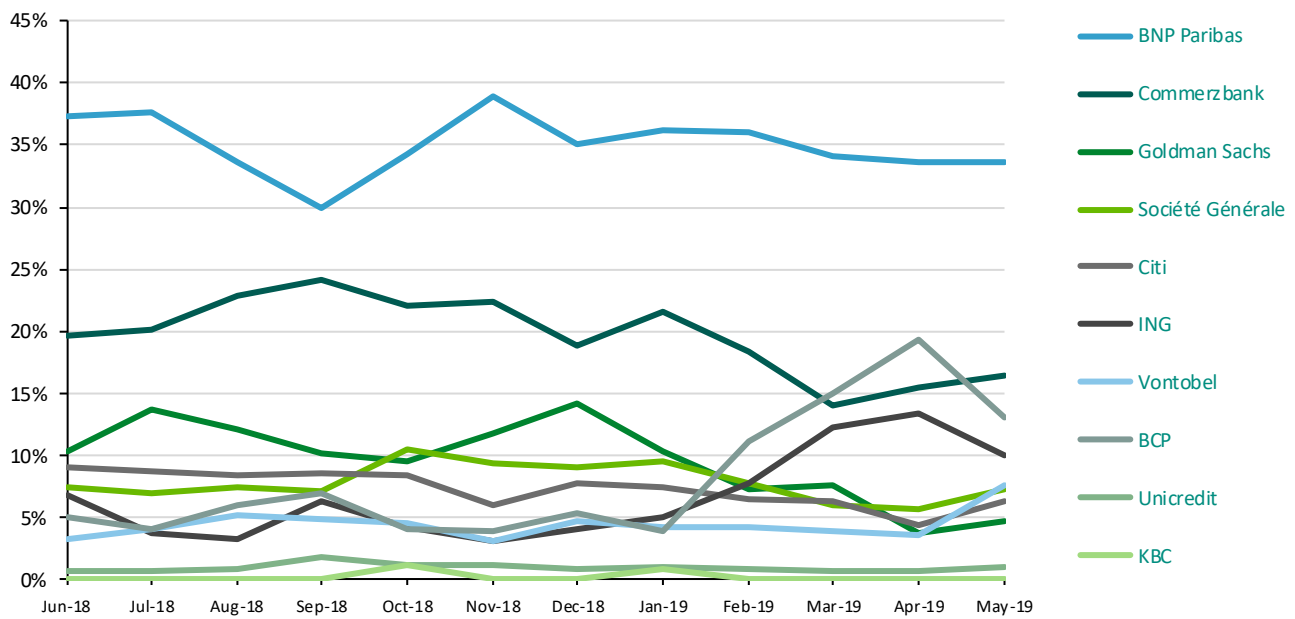
(Source Euronext)



ISSUERS

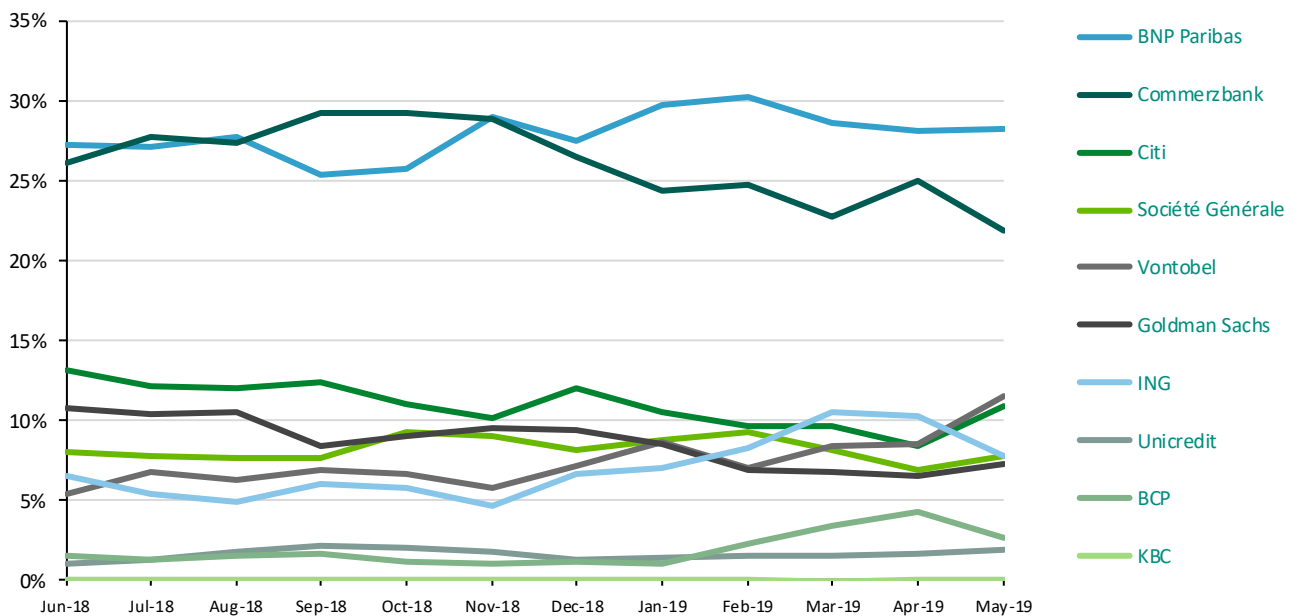
Product Trend: Number of Live Products

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)

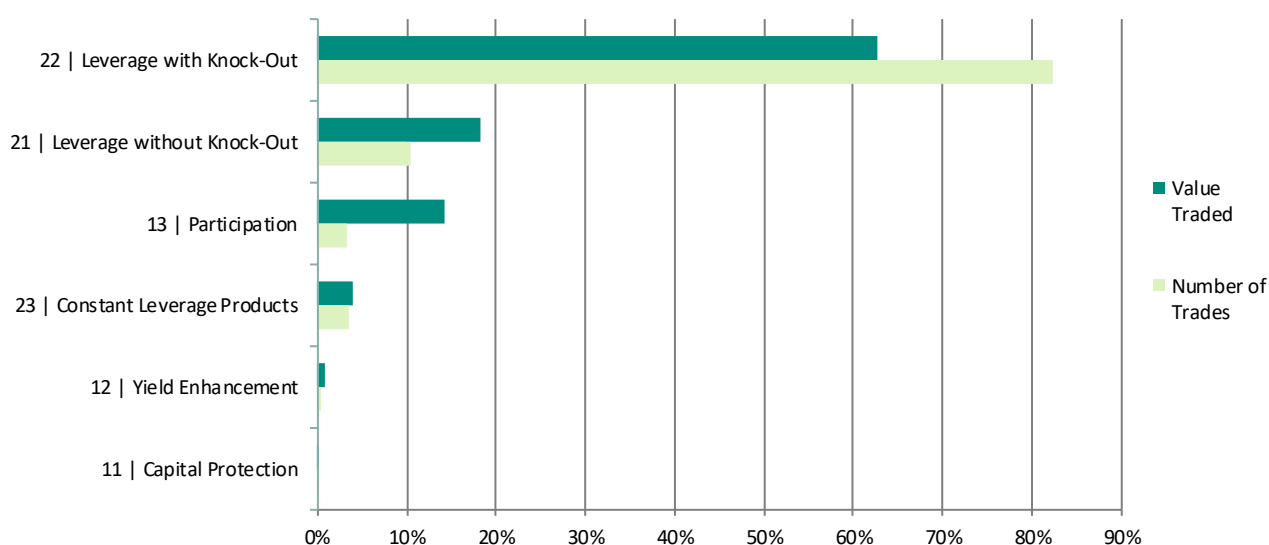
Market Overview

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	22,600	11.9%	-14.1%	62.7%	11,208	19.2%	6.1%	82.3%
21 Leverage without Knock-Out	6,607	-26%	30%	18.3%	1,425	1.1%	11.9%	10.5%
13 Participation	5,148	-35%	48%	14.3%	435	-23.6%	41.6%	3.2%
23 Constant Leverage Products	1,438	8.3%	-24%	4.0%	482	52.0%	-6.0%	3.5%
12 Yield Enhancement	276	-45%	-54%	0.8%	61	-16.5%	-18.6%	0.4%
11 Capital Protection	3	87%	187%	0.0%	0.3	172.7%	3.8%	0.0%
Total	36,072	-7.1%	-3.4%	100%	13,611	15.6%	6.9%	100%

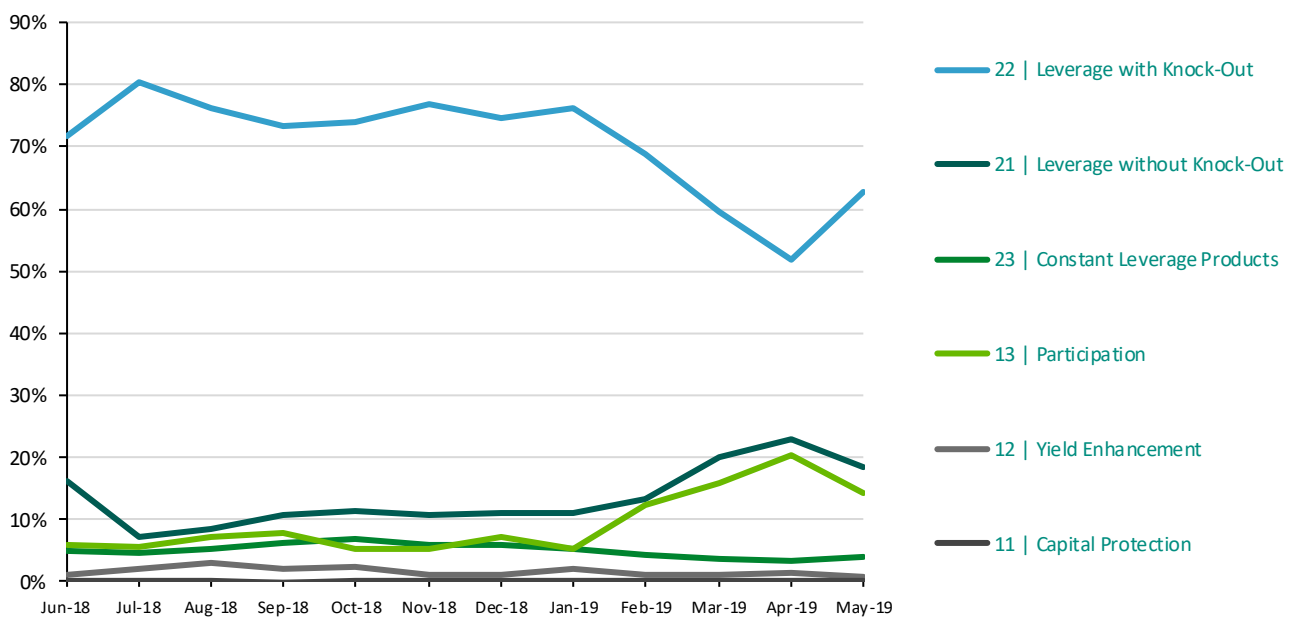
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

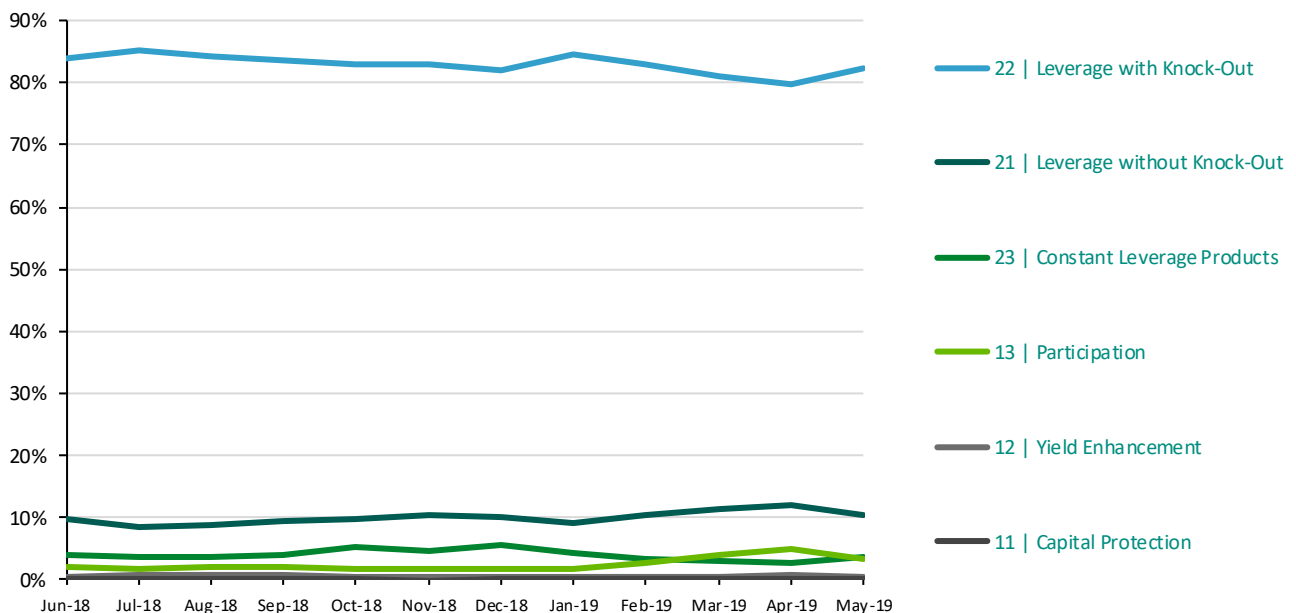
Market Trend: Value traded

The historical graph below displays the weight of the value traded for each product type 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)

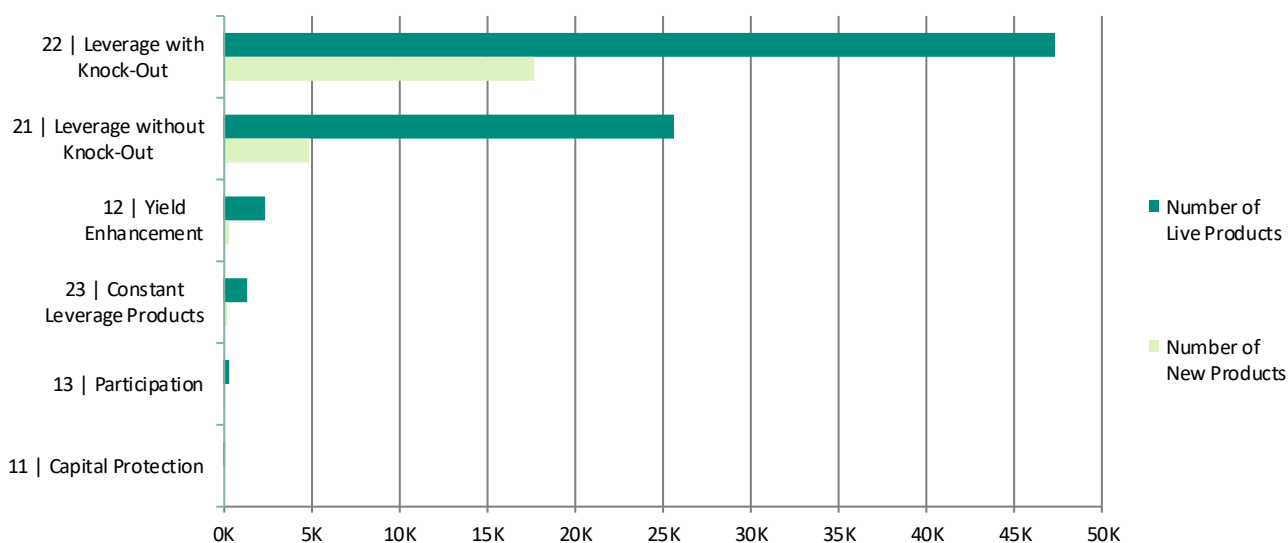
Product Overview

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 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	47,382	2.0%	7.6%	61.5%	17,722	10.0%	17.9%	76.8%
21 Leverage without Knock-Out	25,611	8.5%	16.2%	33.3%	4,881	7.9%	18.0%	21.2%
12 Yield Enhancement	2,376	-1.4%	26%	3.1%	262	589%	4.9%	1.1%
23 Constant Leverage Products	1,331	0.9%	0.9%	1.7%	189	43%	210%	0.8%
13 Participation	291	0.4%	-4.6%	0.4%	9		-10.7%	0.0%
11 Capital Protection	4	-45%	-44%	0.0%	0			0.0%
Total	76,994	3.9%	10.7%	100%	23,063	10.8%	18.3%	100%

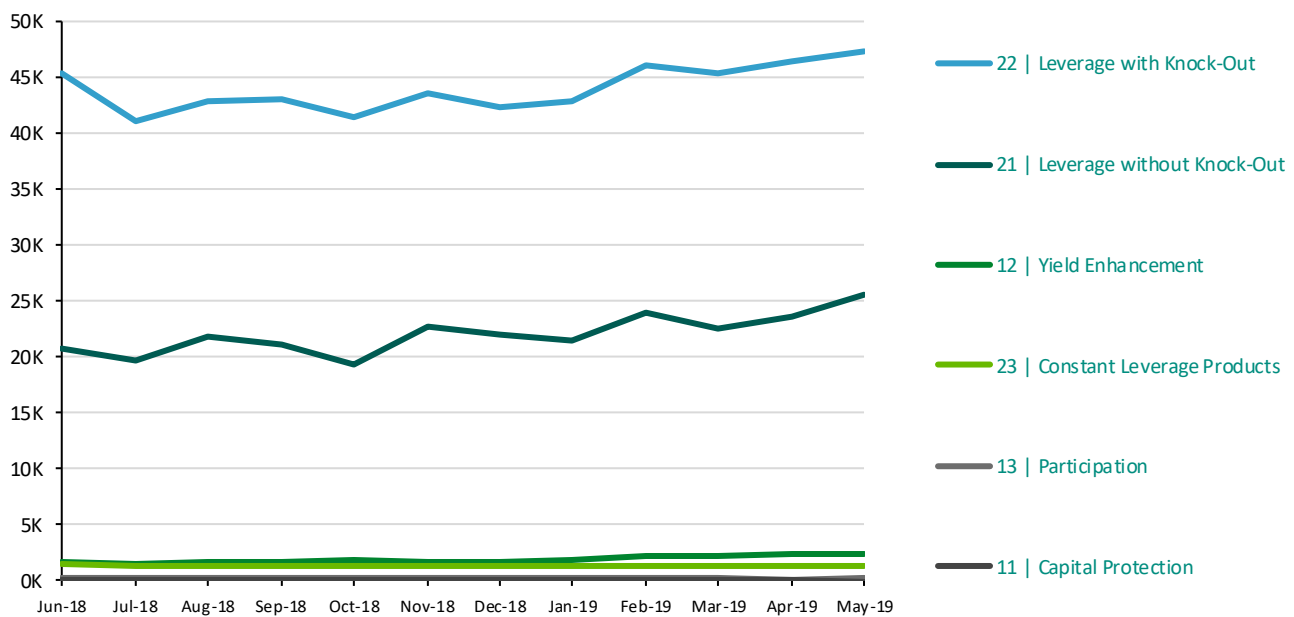
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

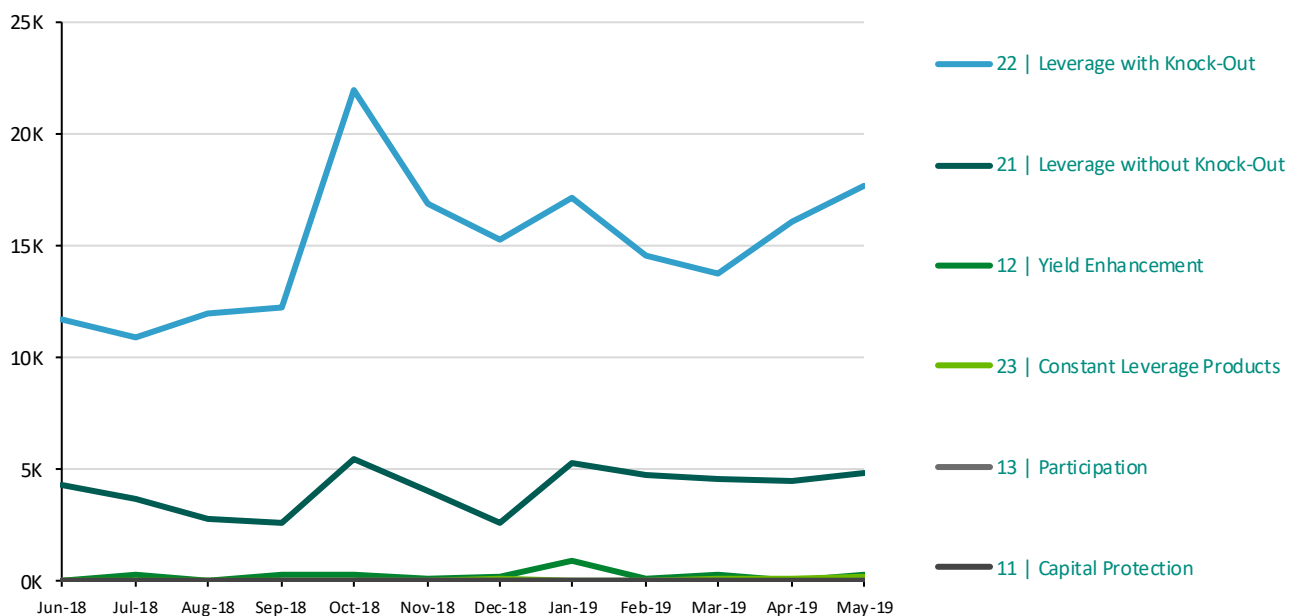
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each product type 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)

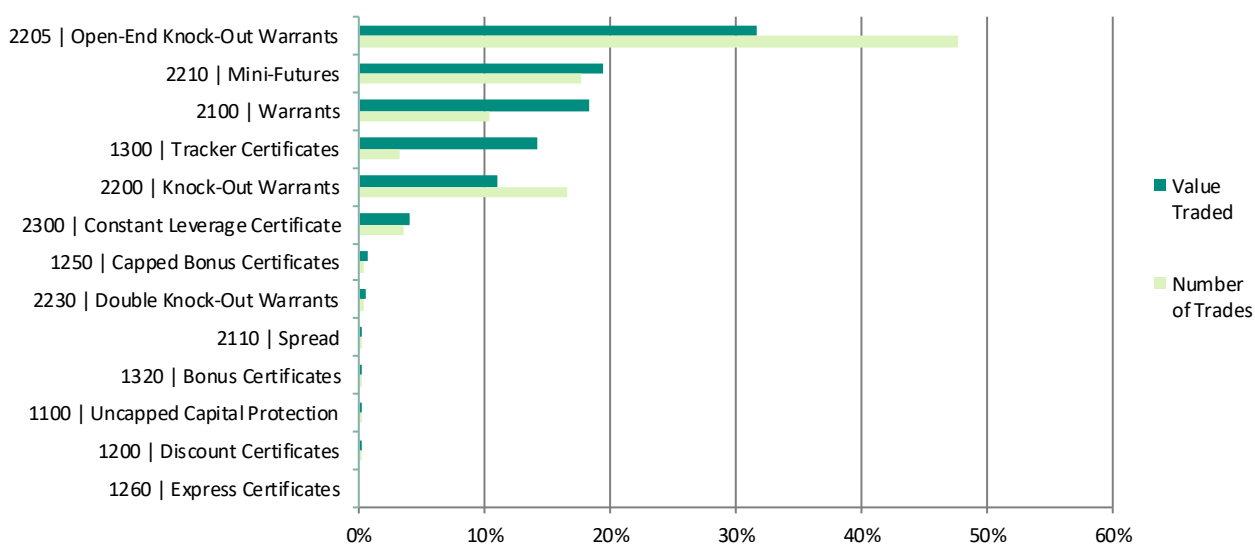
Market Overview

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	11,437	18.1%	-11.2%	31.7%	6,499	21.0%	6.3%	47.7%
2210 Mini-Futures	7,005	-22%	-27%	19.4%	2,408	71%	-12.9%	17.7%
2100 Warrants	6,588	-16.4%	31%	18.3%	1,414	149%	11.9%	10.4%
1300 Tracker Certificates	5,141	-35%	35%	14.3%	433	-84%	-74%	3.2%
2200 Knock-Out Warrants	3,979	59%	15.0%	11.0%	2,257	70%	641%	16.6%
2300 Constant Leverage Certificate	1,438	8.3%	-24%	4.0%	482	52%	-6.0%	3.5%
1250 Capped Bonus Certificates	275	-45%	-48%	0.8%	60	-16.5%	-18.3%	0.4%
2230 Double Knock-Out Warrants	179	28%	135%	0.5%	45	25%	109%	0.3%
2110 Spread	18	255%	-73%	0.1%	10	471%	NA	0.1%
1320 Bonus Certificates	7	60%	-74%	0.0%	2.2	-42%	-76%	0.0%
1100 Uncapped Capital Protection	3	87%	-75%	0.0%	0.3	173%	-91%	0.0%
1200 Discount Certificates	1	2.0%	-27%	0.0%	0.2	-35%	-33%	0.0%
1260 Express Certificates	0		-100%	0.0%	0.0		-100%	0.0%
Total	36,072	-7.1%	-3.4%	100%	13,611	15.6%	6.9%	100%

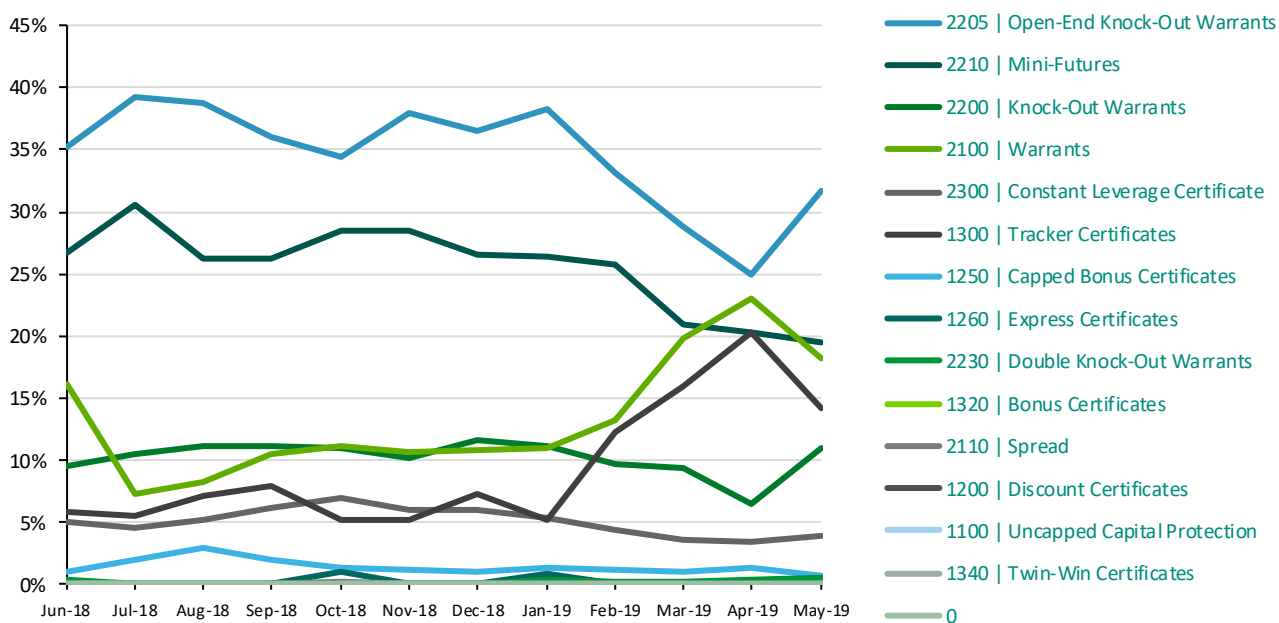
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

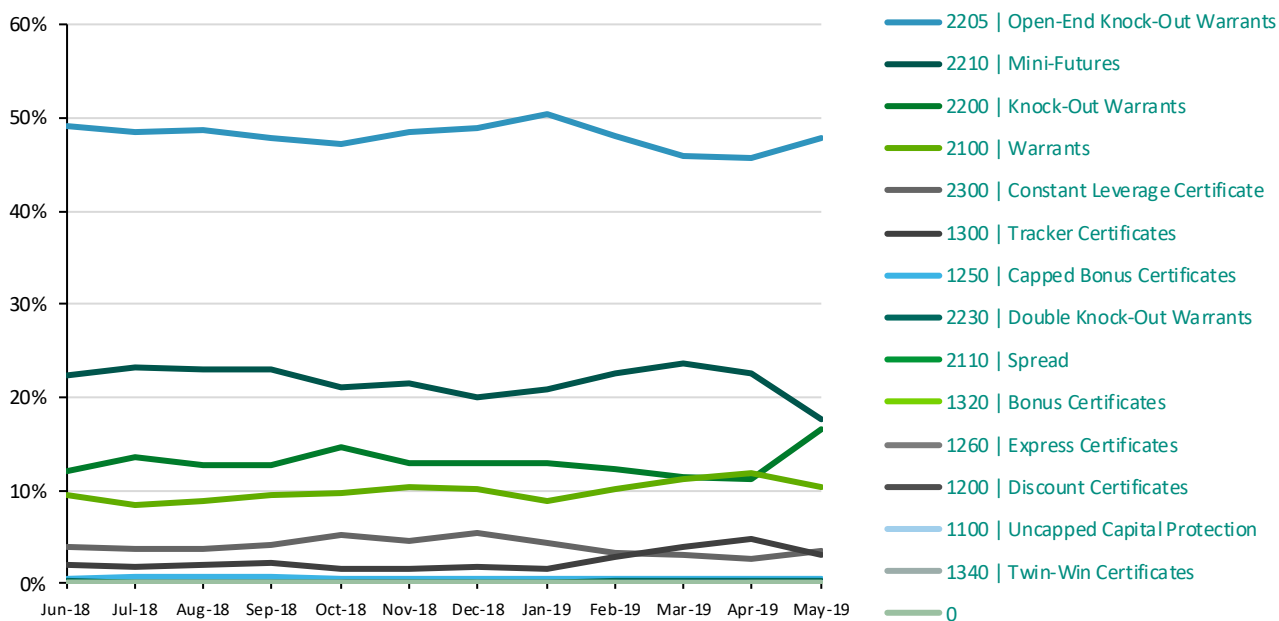
Market Trend: Value traded

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)

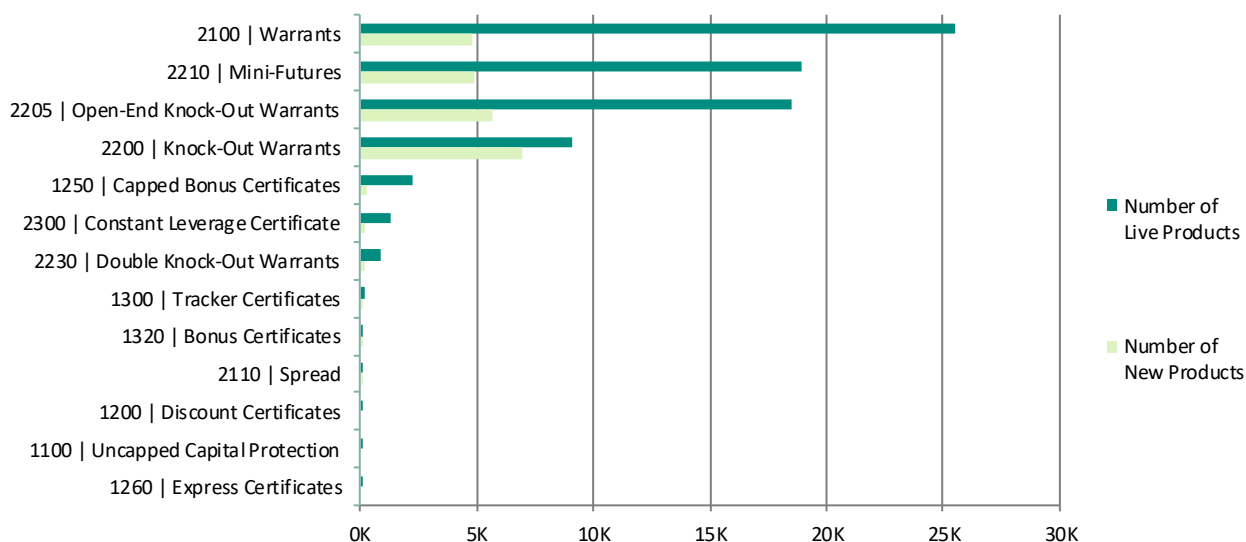
Product Overview

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 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	25,504	8.4%	16.3%	33.1%	4,864	7.7%	18.1%	21.1%
2210 Mini-Futures	18,942	-2.3%	4.0%	24.6%	4,874	-3.4%	18.9%	21.1%
2205 Open-End Knock-Out Warrants	18,465	-0.4%	4.9%	24.0%	5,693	24%	13.8%	24.7%
2200 Knock-Out Warrants	9,123	14.5%	16.2%	11.8%	6,983	19.2%	21%	30.3%
1250 Capped Bonus Certificates	2,293	-1.4%	26%	3.0%	262	589%	7.1%	1.1%
2300 Constant Leverage Certificate	1,331	0.9%	0.9%	1.7%	189	43%	210%	0.8%
2230 Double Knock-Out Warrants	852	55%	143%	1.1%	172	-73%	14.0%	0.7%
1300 Tracker Certificates	173	-1.4%	-2.5%	0.2%	4		300%	0.0%
1320 Bonus Certificates	118	3.1%	-7.1%	0.2%	5		-45%	0.0%
2110 Spread	108	19.7%	3.0%	0.1%	17	240%	-1.0%	0.1%
1200 Discount Certificates	81	0.0%	12.1%	0.1%	0		-100%	0.0%
1100 Uncapped Capital Protection	4	-45%	-44%	0.0%	0			0.0%
1260 Express Certificates	2	-22%	27%	0.0%	0		-100%	0.0%
Total	76,995	3.9%	10.7%	100%	23,063	10.8%	18.3%	100%

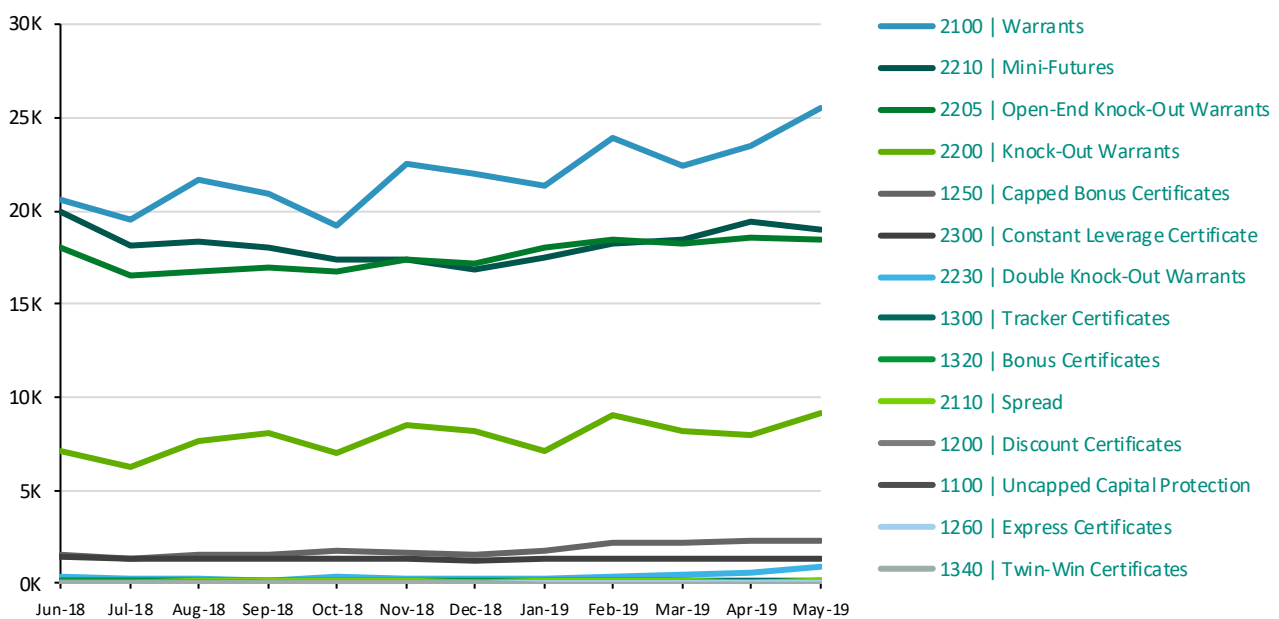
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

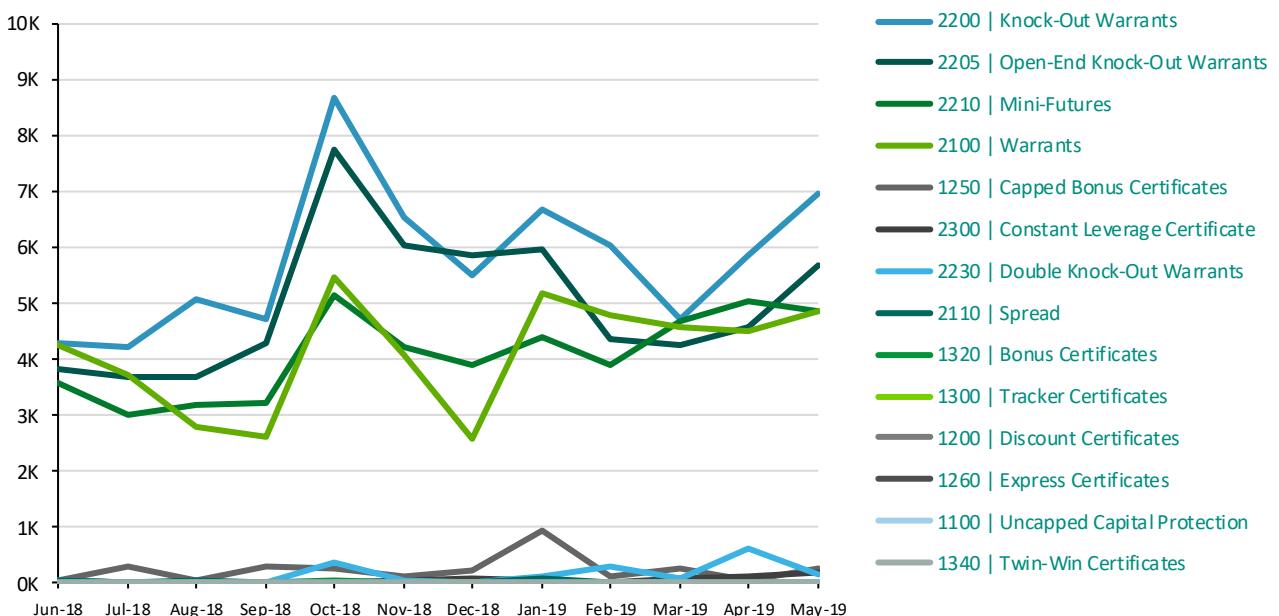
Product Trend: Number of Live Products

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

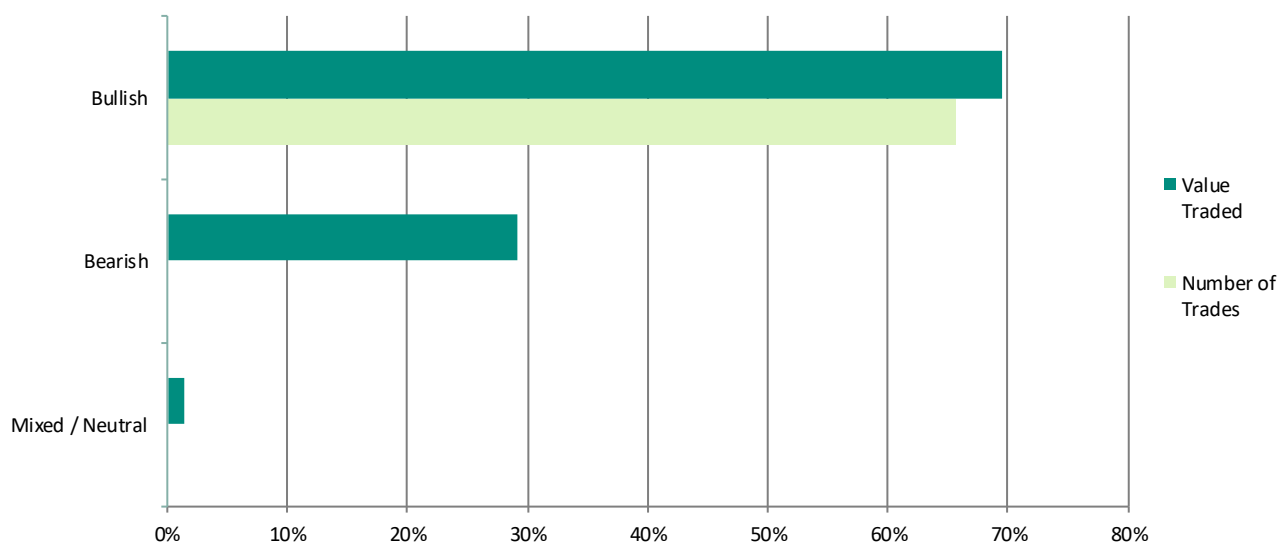
Market Overview

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	25,093	-18.4%	-1.2%	69.6%	8,932	22.2%	9.3%	65.6%
Bearish	10,498	41%	-7.1%	29.1%	0.0	-100%	-100%	0.0%
Mixed / Neutral	481	-26%	-25%	1.3%	0.0	-100%	-100%	0.0%
Total	36,072	-7.1%	-3.4%	100%	13,611	15.6%	6.9%	100%

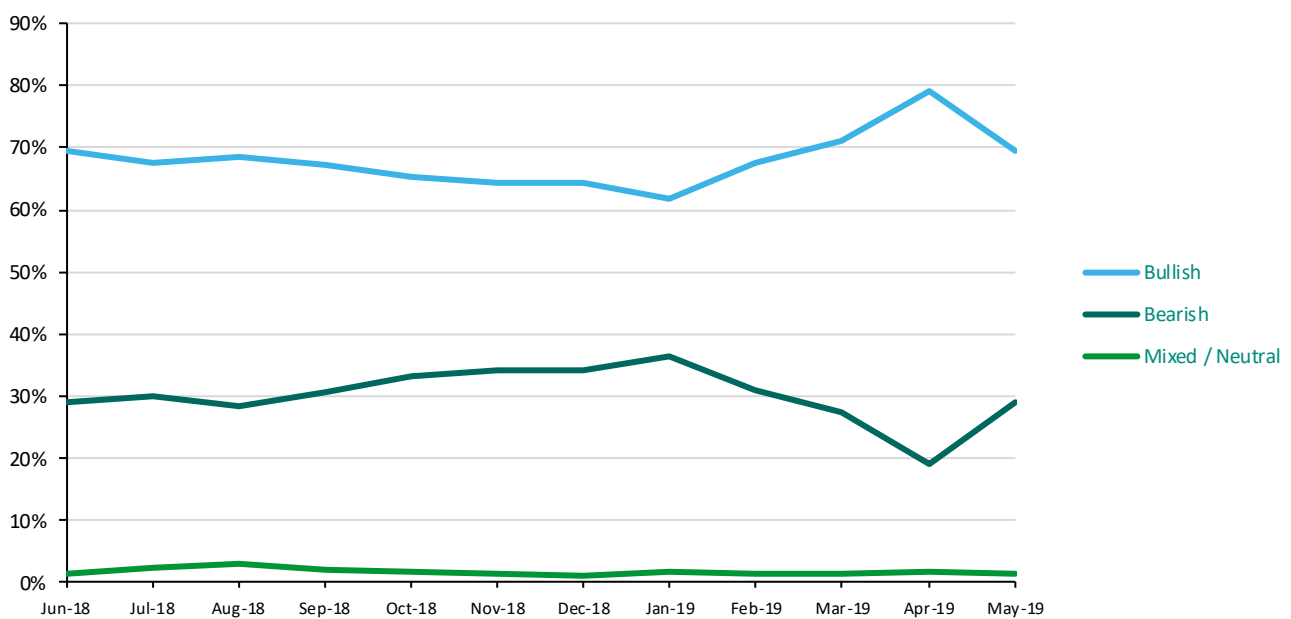
(Source Euronext)



PRODUCT STRATEGIES

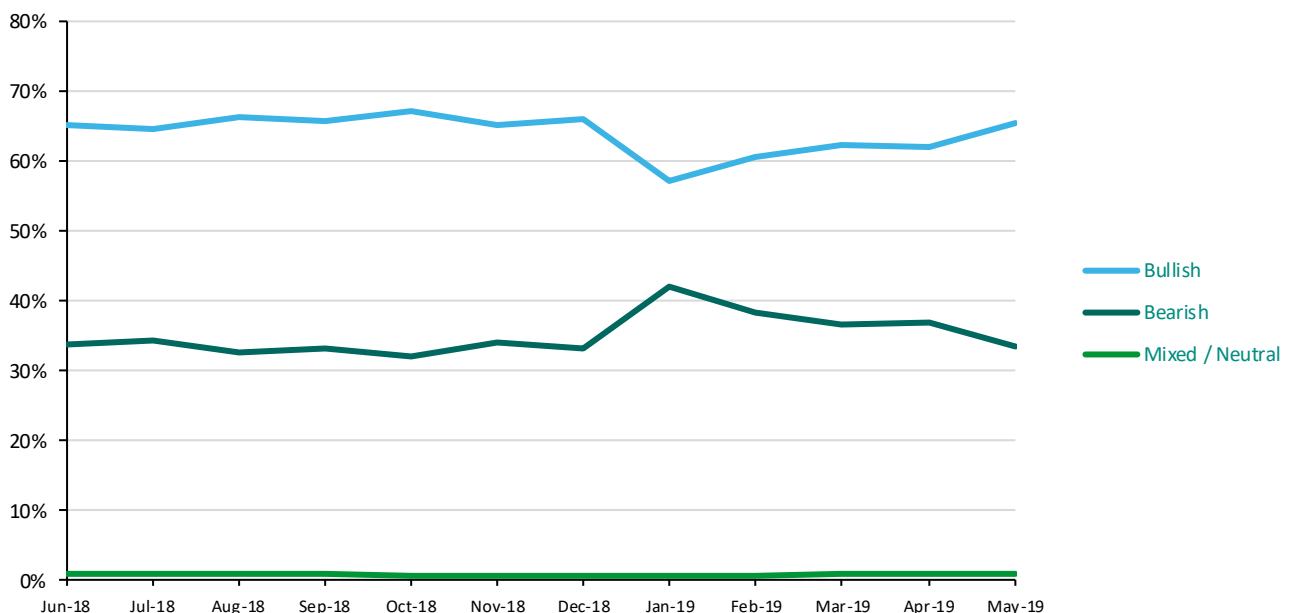
Market Trend: Value traded

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

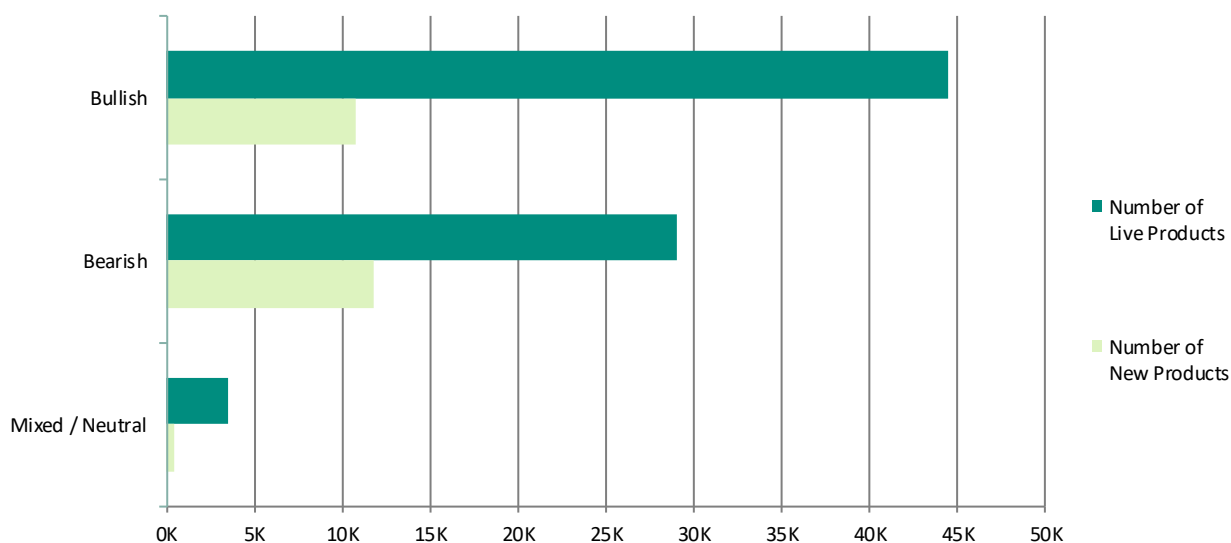
Product Overview

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 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	44,476	-1.3%	12.5%	57.8%	10,818	-5.1%	4.4%	46.9%
Bearish	29,072	12.4%	5.5%	37.8%	11,794	35%	35%	51.1%
Mixed / Neutral	3,447	8.7%	40%	4.5%	451	-34%	6.3%	2.0%
Total	76,995	3.9%	10.7%	100%	23,063	10.8%	18.3%	100%

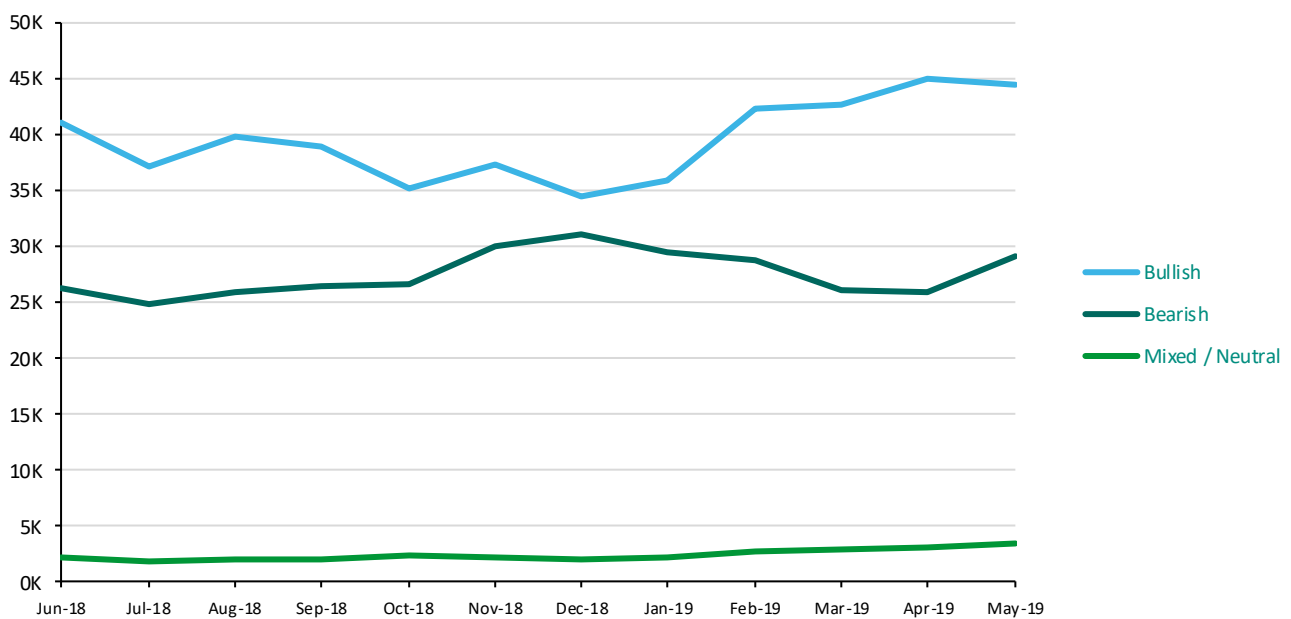
(Source Euronext)



PRODUCT STRATEGIES

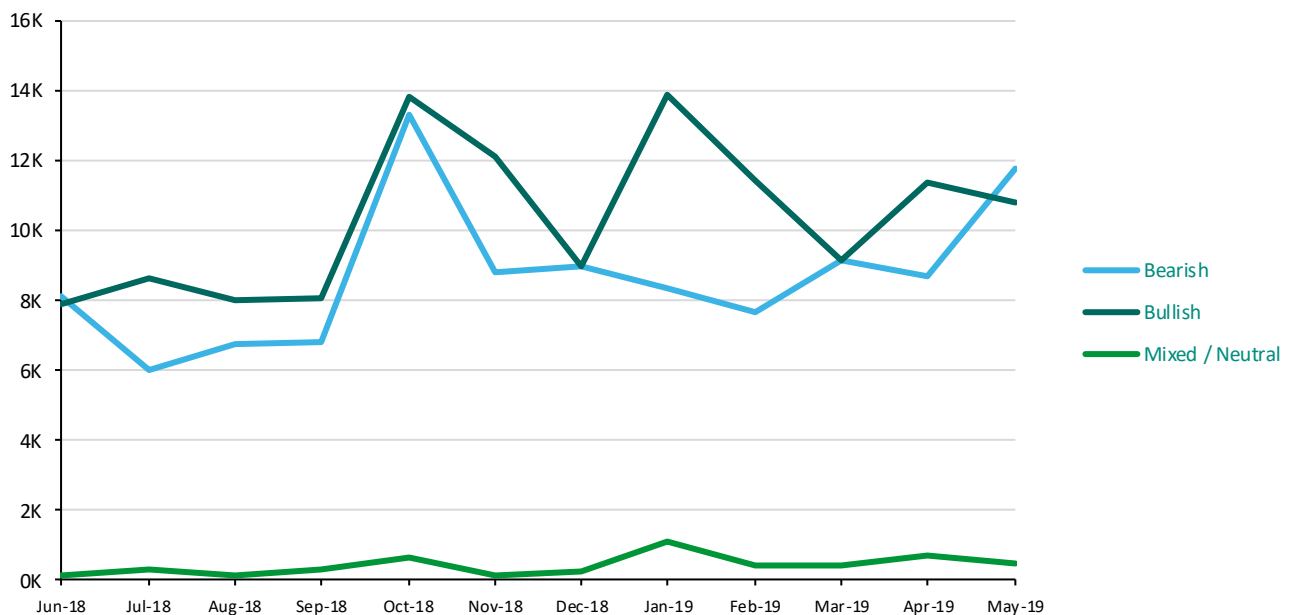
Product Trend: Number of Live Products

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

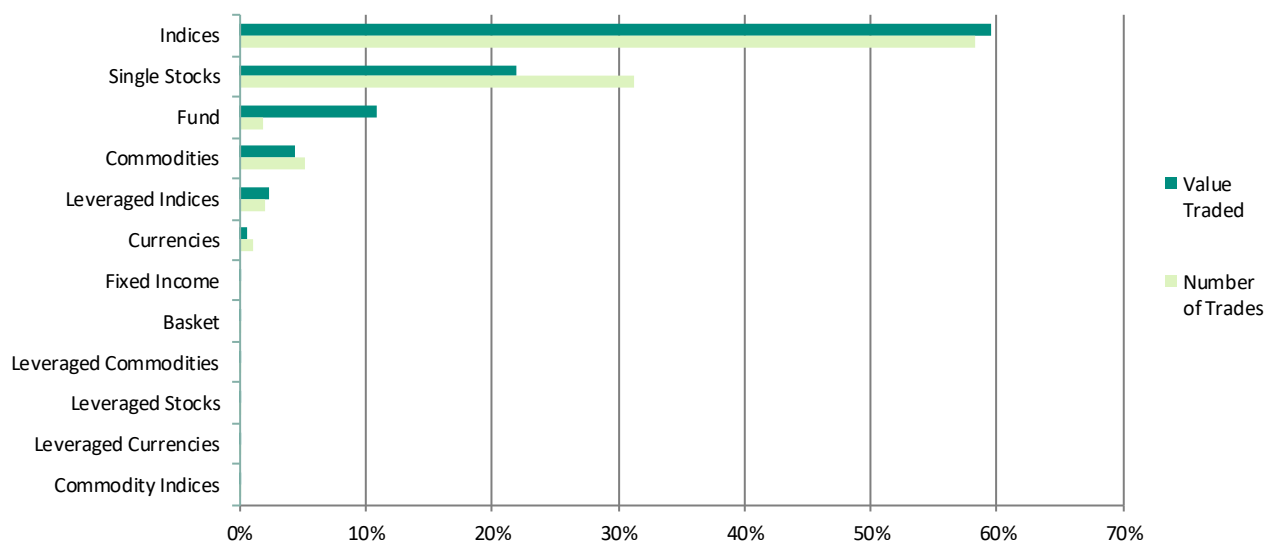
Market Overview

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	21,492	15.1%	3.9%	59.6%	7,937	40.4%	18.4%	58.3%
Single Stocks	7,893	-23%	-18.6%	21.9%	4,249	-5.8%	-3.1%	31.2%
Fund	3,944	-42%	70%	10.9%	250	-48.6%	66.0%	1.8%
Commodities	1,599	-9.2%	-18.3%	4.4%	715	-0.8%	-6.9%	5.3%
Leveraged Indices	847	9.6%	-31%	2.3%	266	64.7%	-7.1%	2.0%
Currencies	213	-52%	-81%	0.6%	150	-25.4%	-45.5%	1.1%
Fixed Income	45	59%	-77%	0.1%	23	115.4%	-79.3%	0.2%
Basket	16	-41%	-73%	0.0%	1.7	-88.9%	-94.0%	0.0%
Leveraged Commodities	12	-8.8%	-48%	0.0%	10	344.7%	-8.3%	0.1%
Leveraged Stocks	10	-23%	-56%	0.0%	9.0	17.8%	-46.8%	0.1%
Leveraged Currencies	1	NA	-95%	0.0%	0.0	-9.1%	-97.5%	0.0%
Commodity Indices	0		-72%	0.0%	0.1		-34.4%	0.0%
Total	36,072	-7.1%	-3.4%	100%	13,611	15.6%	6.9%	100%

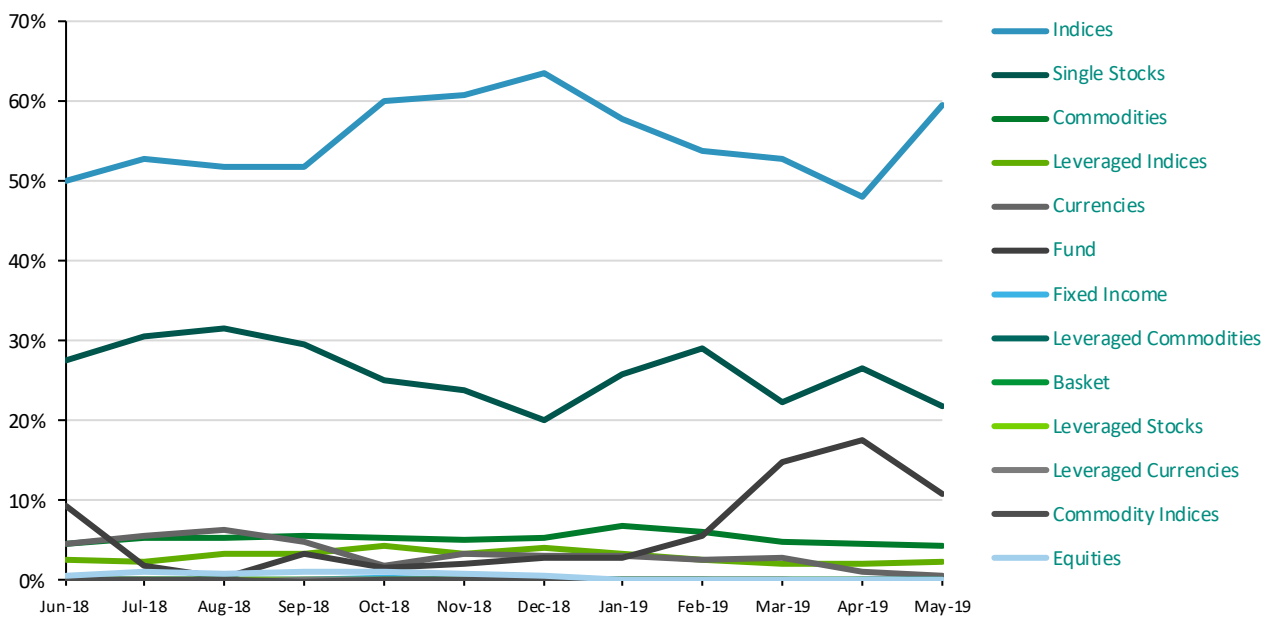
(Source Euronext)



UNDERLYING TYPES

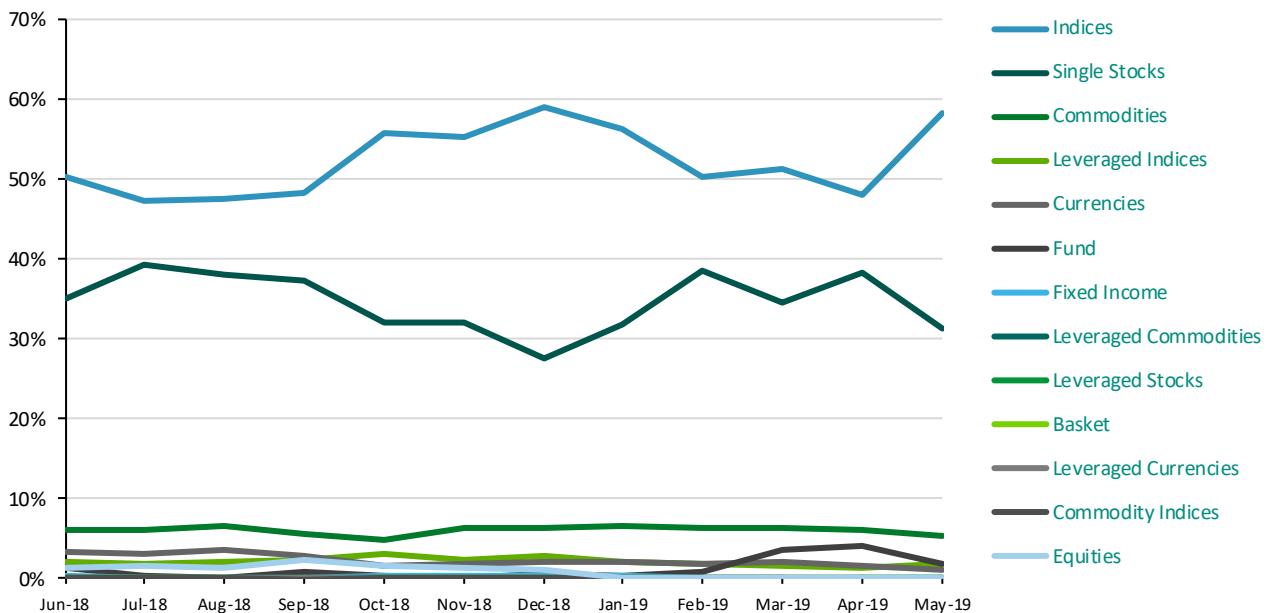
Market Trend: Value traded

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

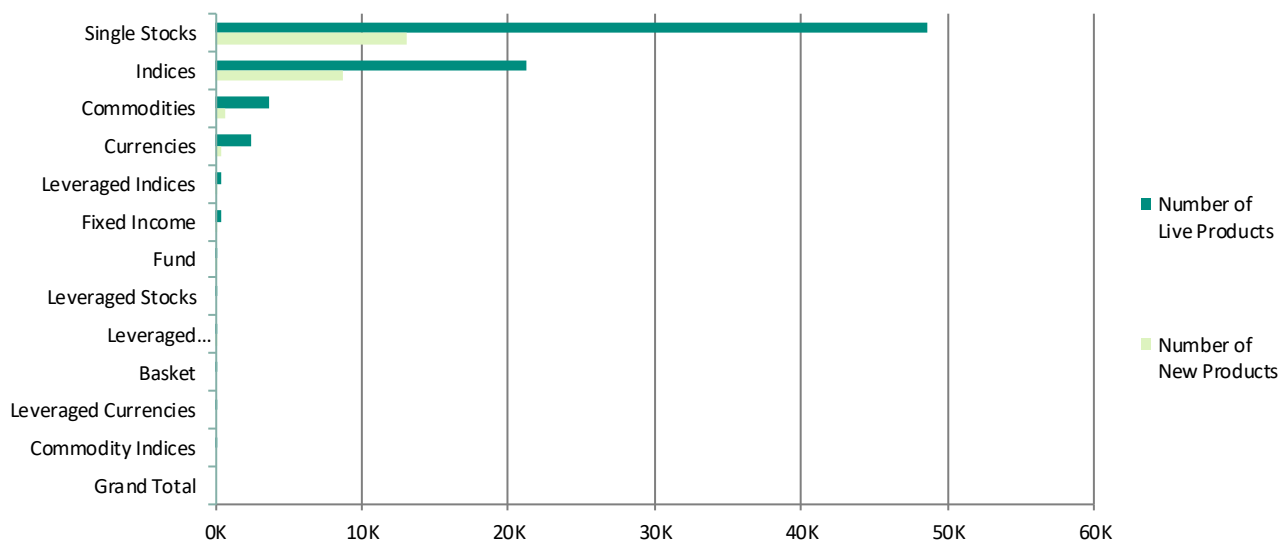
Product Overview

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	48,619	5.5%	13.2%	63.1%	13,073	2.4%	19.1%	56.7%
Indices	21,190	2.3%	9.7%	27.5%	8,731	26%	19.9%	37.9%
Commodities	3,637	-3.4%	3.9%	4.7%	697	-9.2%	-6.2%	3.0%
Currencies	2,459	0.1%	2.8%	3.2%	404	18.5%	-8.2%	1.8%
Leveraged Indices	341	-3.3%	-10.1%	0.4%	2		-74%	0.0%
Fixed Income	311	4.4%	-2.4%	0.4%	42	367%	141%	0.2%
Fund	162	4.0%	18.3%	0.2%	10	25%	85%	0.0%
Leveraged Stocks	158	-1.2%	15.2%	0.2%	0		-100%	0.0%
Leveraged Commodities	91	10.2%	-29%	0.1%	104		906%	0.5%
Basket	18	-1.4%	-3.2%	0.0%	0			0.0%
Leveraged Currencies	8	0.0%	-13.4%	0.0%	0			0.0%
Commodity Indices	1	0.0%	-41%	0.0%	0			0.0%
Grand Total	#REF!			#REF!	#REF!			#REF!
Total	76,995	3.9%	10.7%	100%	23,063	10.8%	18.3%	100%

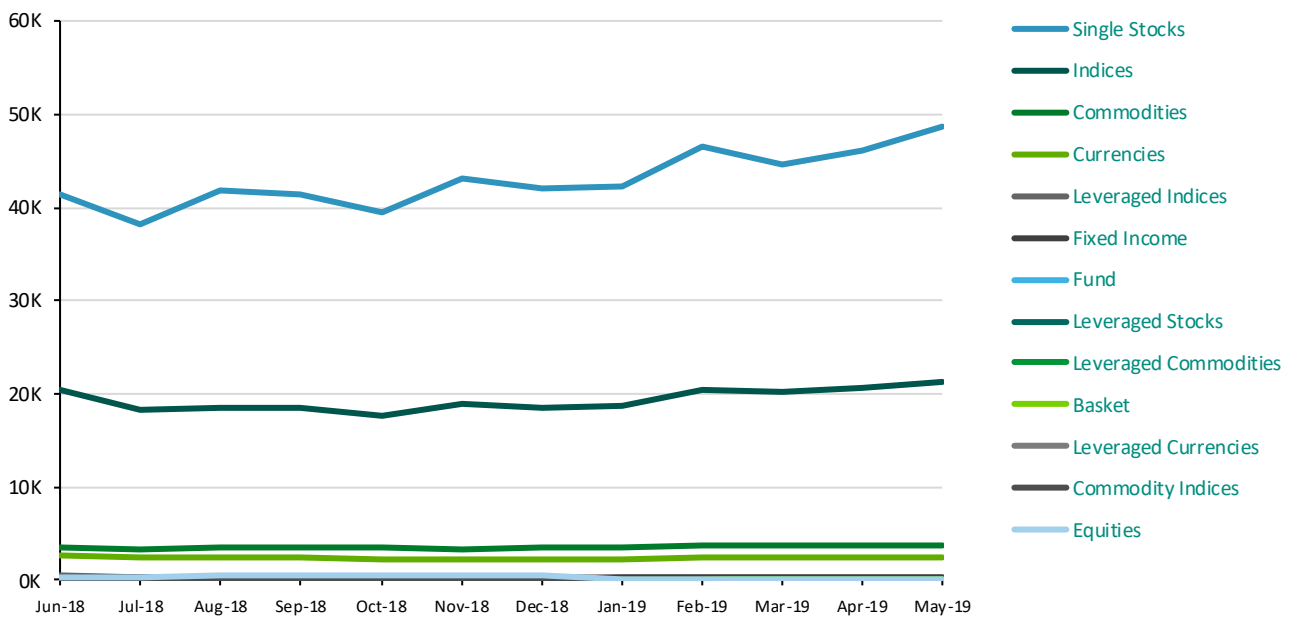
(Source Euronext)



UNDERLYING TYPES

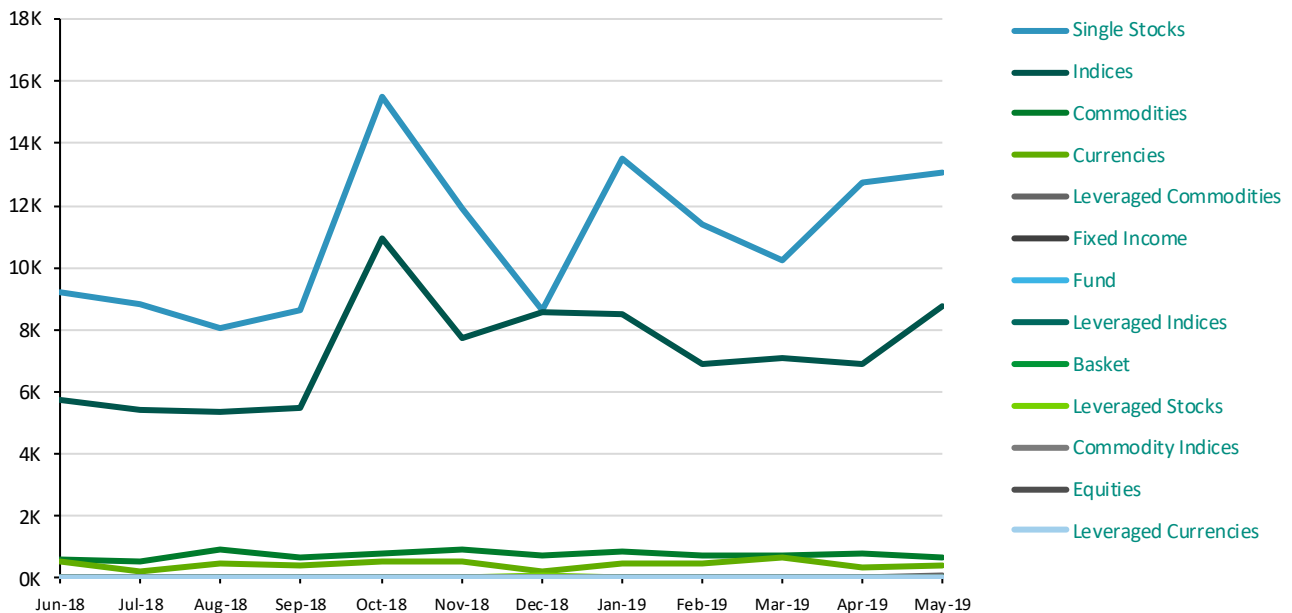
Product Trend: Number of Live Products

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

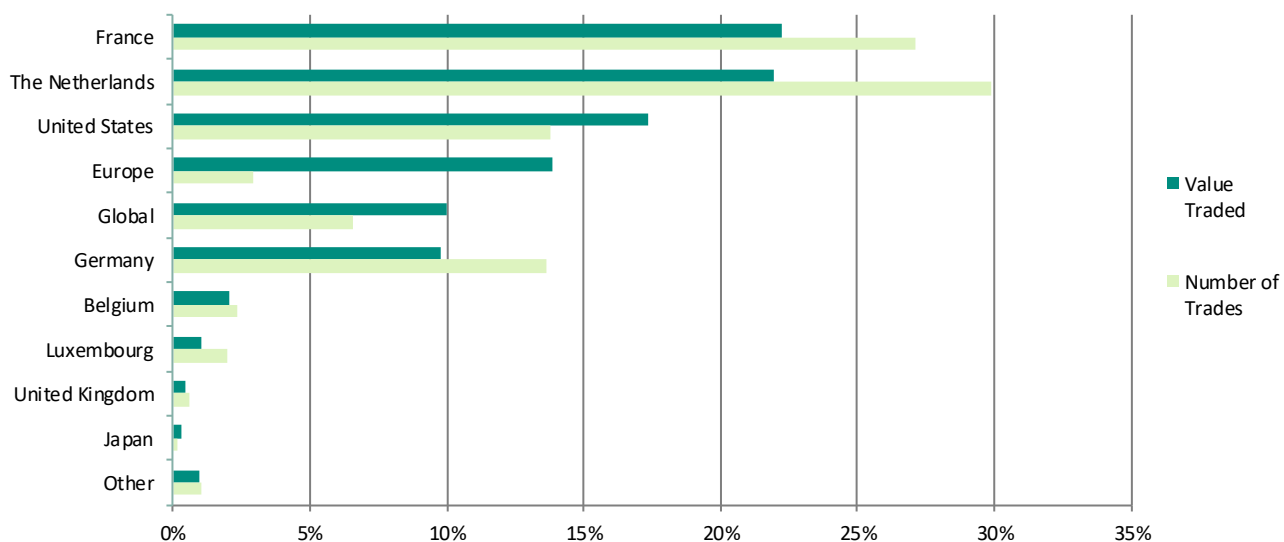
Market Overview

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
France	8,020	-4.8%	-24%	22.2%	3,696	487.6%	-8.6%	27.2%
The Netherlands	7,919	8.6%	-7.4%	22.0%	4,066	21%	12.5%	29.9%
United States	6,268	-3.1%	5.1%	17.4%	1,879	-35%	18.6%	13.8%
Europe	5,010	-18.4%	29%	13.9%	398	-73%	-73%	2.9%
Global	3,611	-21%	10.7%	10.0%	897	-3.2%	259%	6.6%
Germany	3,526	9.1%	18.3%	9.8%	1,858	29%	109%	13.7%
Belgium	737	-51%	-23%	2.0%	314	-36%	-20%	2.3%
Luxembourg	376	-3.7%	-13.3%	1.0%	270	4.6%	21%	2.0%
United Kingdom	149	-31%	-52%	0.4%	76	-10.0%	-19.2%	0.6%
Japan	106	-39%	9.7%	0.3%	21	-21%	3.6%	0.2%
Other	351	-19.0%	-5.8%	1.0%	135	-8.0%	0.5%	1.0%
Total	36,072	-7.1%	-3.4%	100%	13,611	15.6%	6.9%	100%

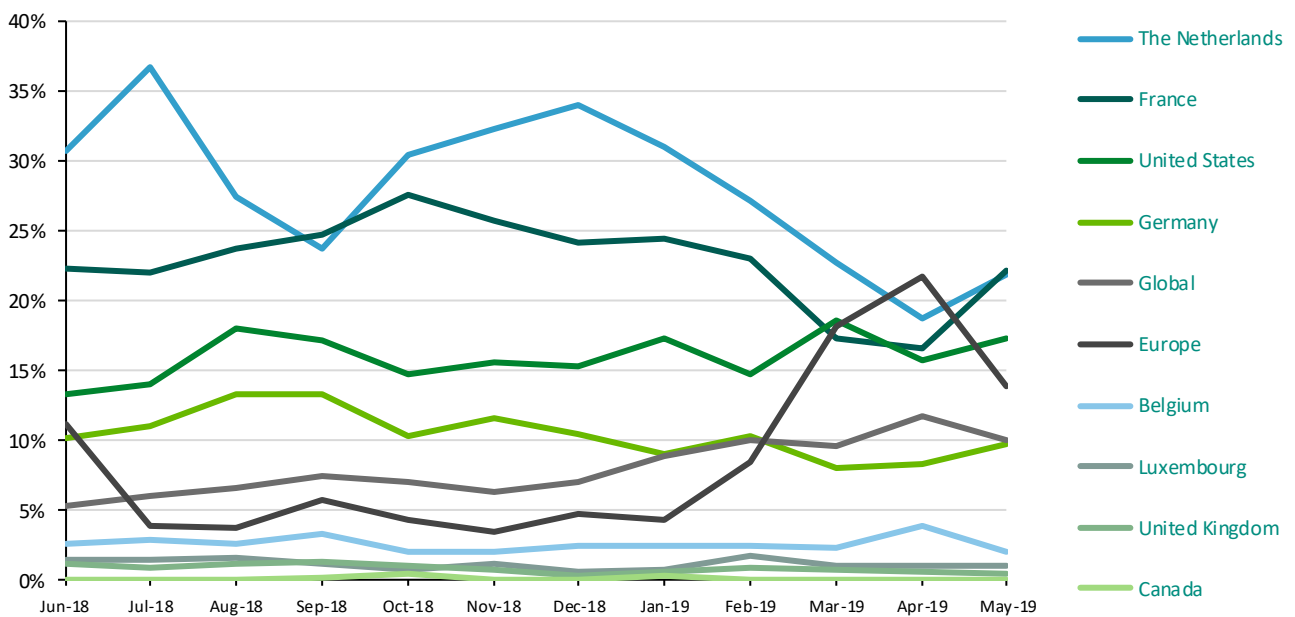
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

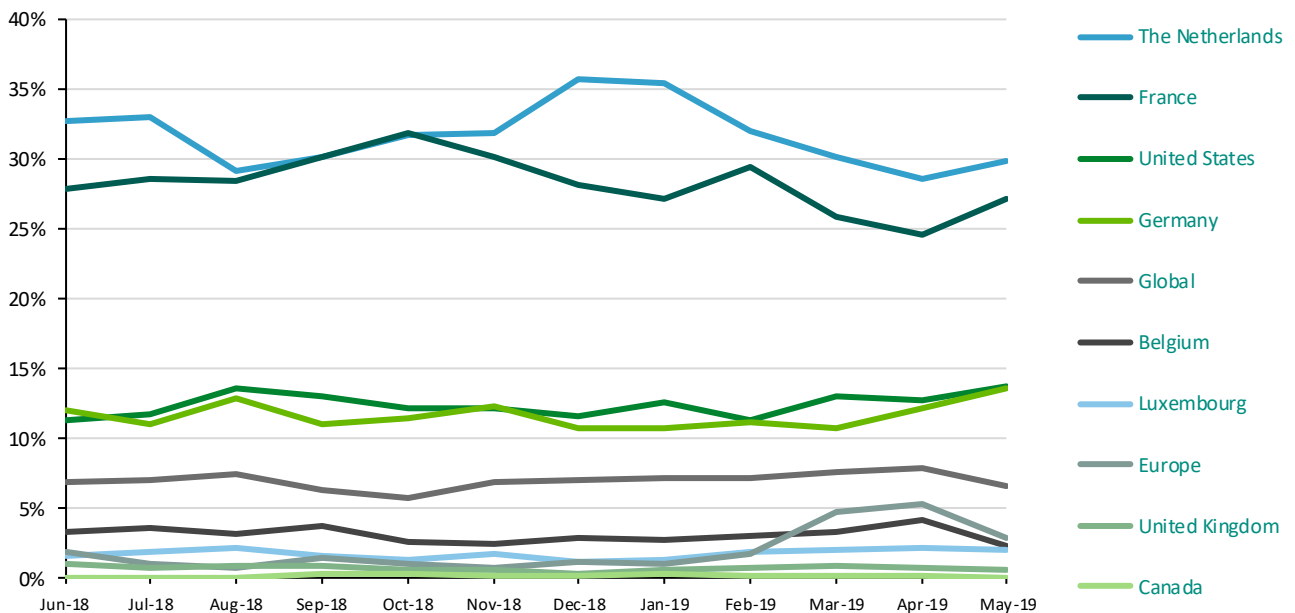
Market Trend: Value traded

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

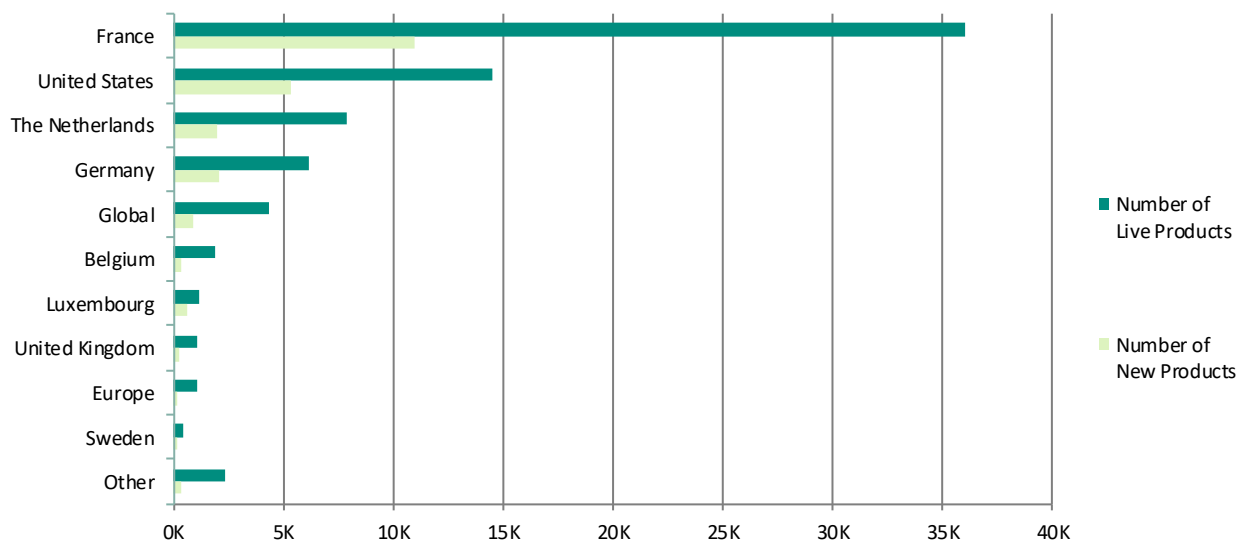
Product Overview

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	36,034	4.8%	11.8%	46.8%	10,980	0.4%	13.7%	47.6%
United States	14,554	8.9%	25%	18.9%	5,373	54%	44%	23.3%
The Netherlands	7,922	-0.8%	1.3%	10.3%	1,940	0.0%	5.2%	8.4%
Germany	6,134	4.5%	6.5%	8.0%	2,042	5.3%	15.5%	8.9%
Global	4,354	-2.4%	3.2%	5.7%	896	4.3%	6.4%	3.9%
Belgium	1,855	-1.8%	8.6%	2.4%	307	-39%	-12.3%	1.3%
Luxembourg	1,183	4.0%	-11.6%	1.5%	651	57%	54%	2.8%
United Kingdom	1,098	-1.0%	12.4%	1.4%	228	68%	8.7%	1.0%
Europe	1,042	1.4%	2.4%	1.4%	184	86%	16.7%	0.8%
Sweden	441	3.3%	0.2%	0.6%	130	7.4%	27%	0.6%
Other	2,378	-1.9%	-0.9%	3.1%	332	-13.8%	-18.1%	1.4%
Total	76,995	3.9%	10.7%	100%	23,063	10.8%	18.3%	100%

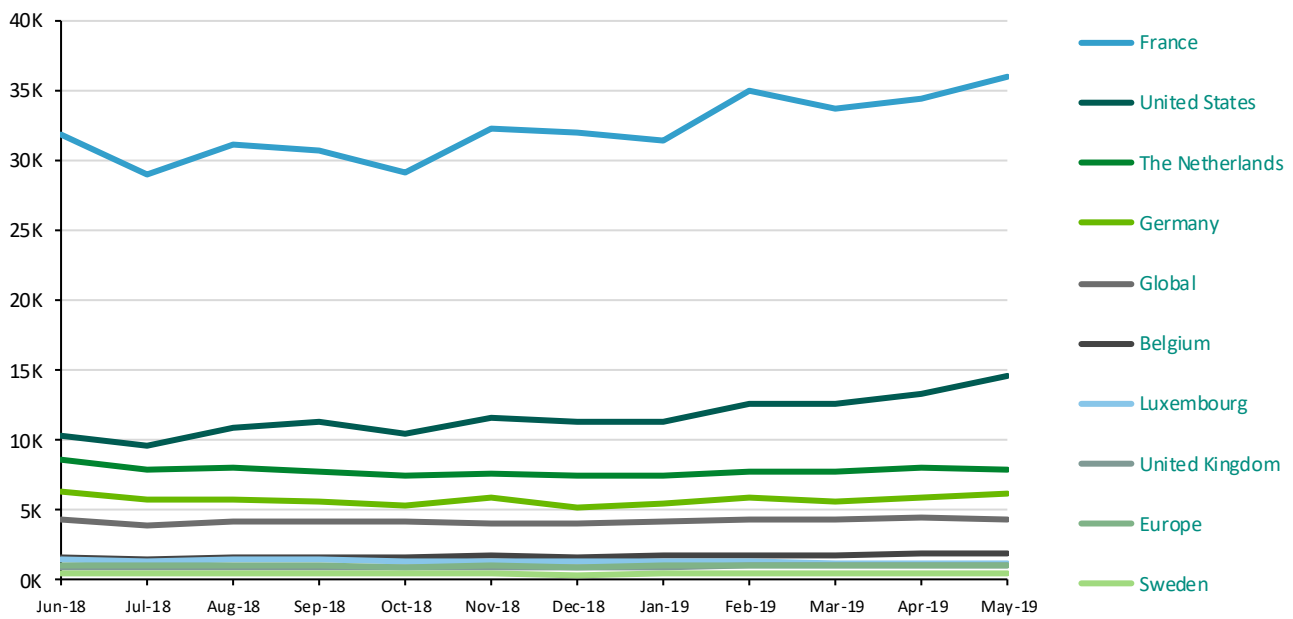
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

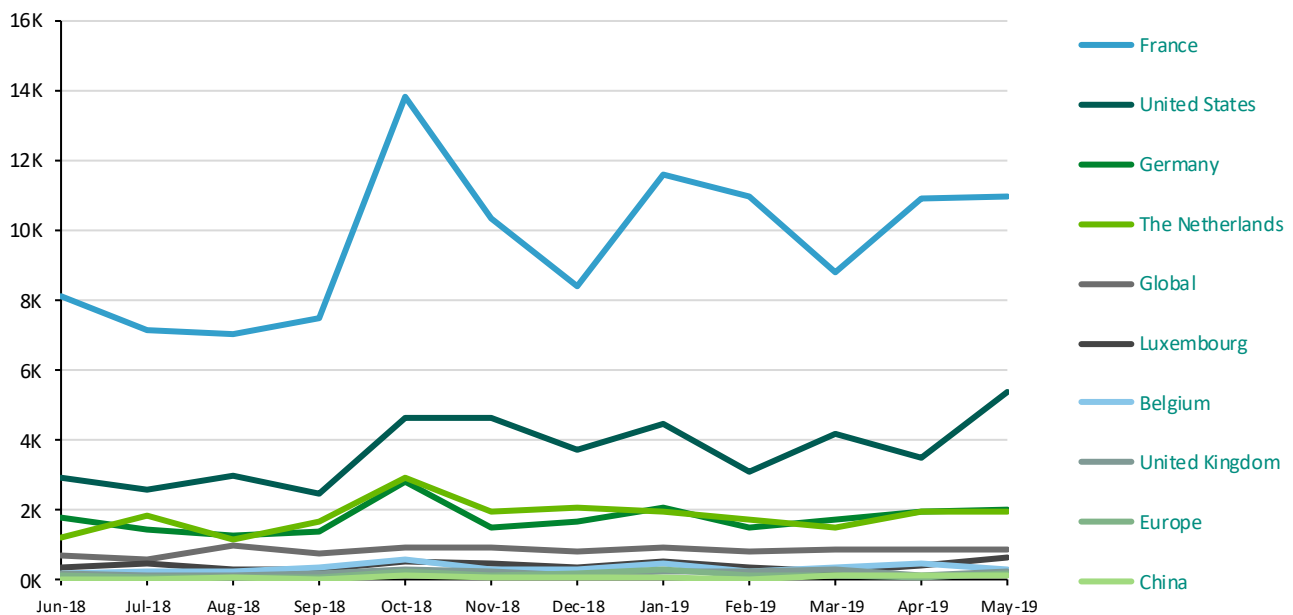
Product Trend: Number of Live Products

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

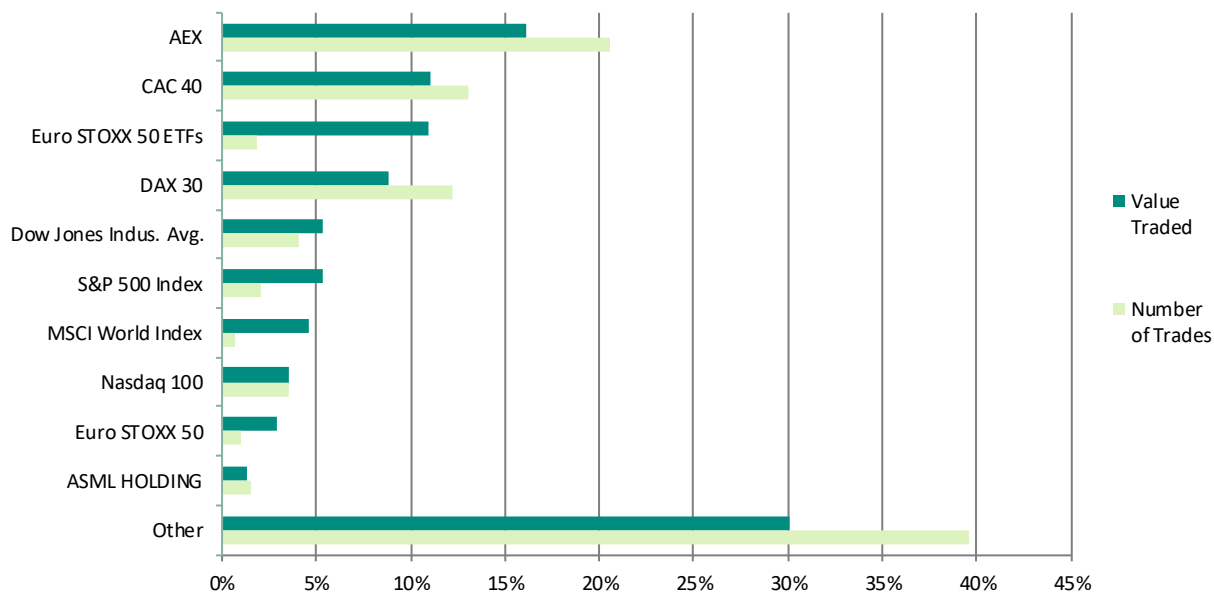
Market Overview

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	5,801	-14.6%	-21%	16.1%	2,793	475.8%	8.1%	20.5%
CAC 40	3,997	0.0%	4.8%	11.1%	1,771	-7.0%	11.2%	13.0%
Euro STOXX 50 ETFs	3,943	36%	10.6%	10.9%	250	-81%	-81%	1.8%
DAX 30	3,173	24%	37%	8.8%	1,667	496%	NA	12.2%
Dow Jones Indus. Avg.	1,938	-19.7%	42%	5.4%	557	399%	157%	4.1%
S&P 500 Index	1,911	-18.1%	49%	5.3%	283	-75%	-22%	2.1%
MSCI World Index	1,667	4.9%	46%	4.6%	89	-30%	-64%	0.7%
Nasdaq 100	1,272	2.1%	17.0%	3.5%	484	47%	37%	3.6%
Euro STOXX 50	1,036	-5.9%	14.3%	2.9%	132	-57%	48%	1.0%
ASML HOLDING	487	-44%	-36%	1.3%	202	-40%	393%	1.5%
Other	10,847	-16.9%	-21%	30.1%	5,383	-1.9%		39.6%
Total	36,072	-7.1%	-3.4%	100%	13,611	15.6%	6.9%	100%

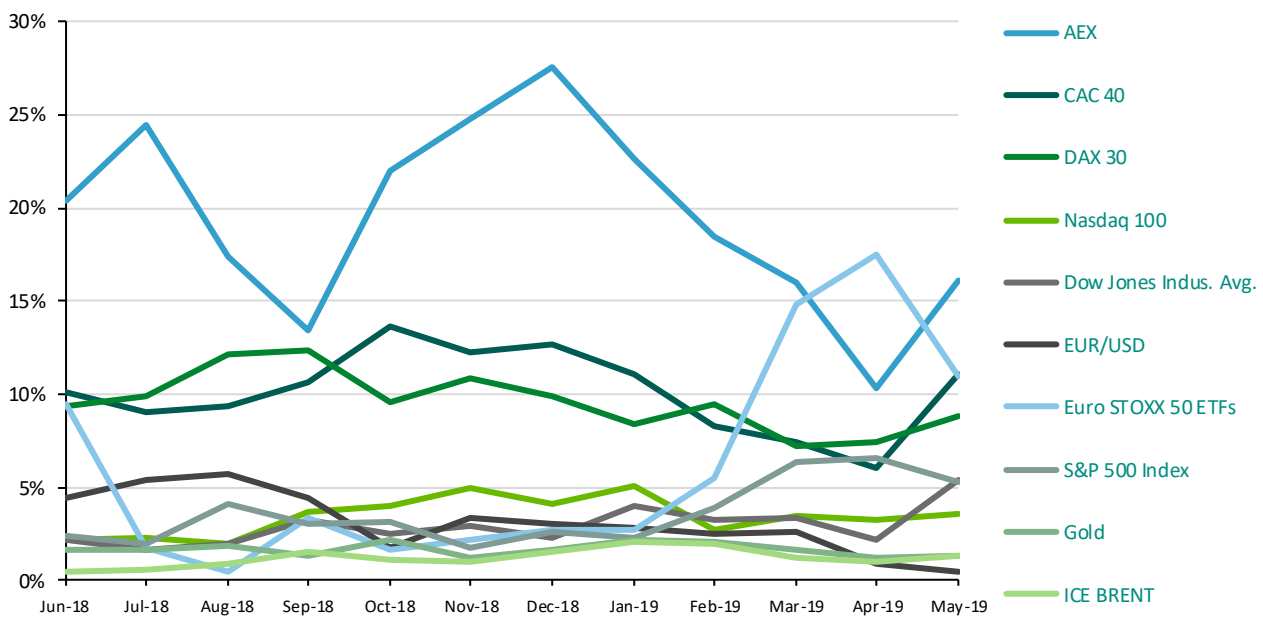
(Source Euronext)



TOP 10 UNDERLYINGS

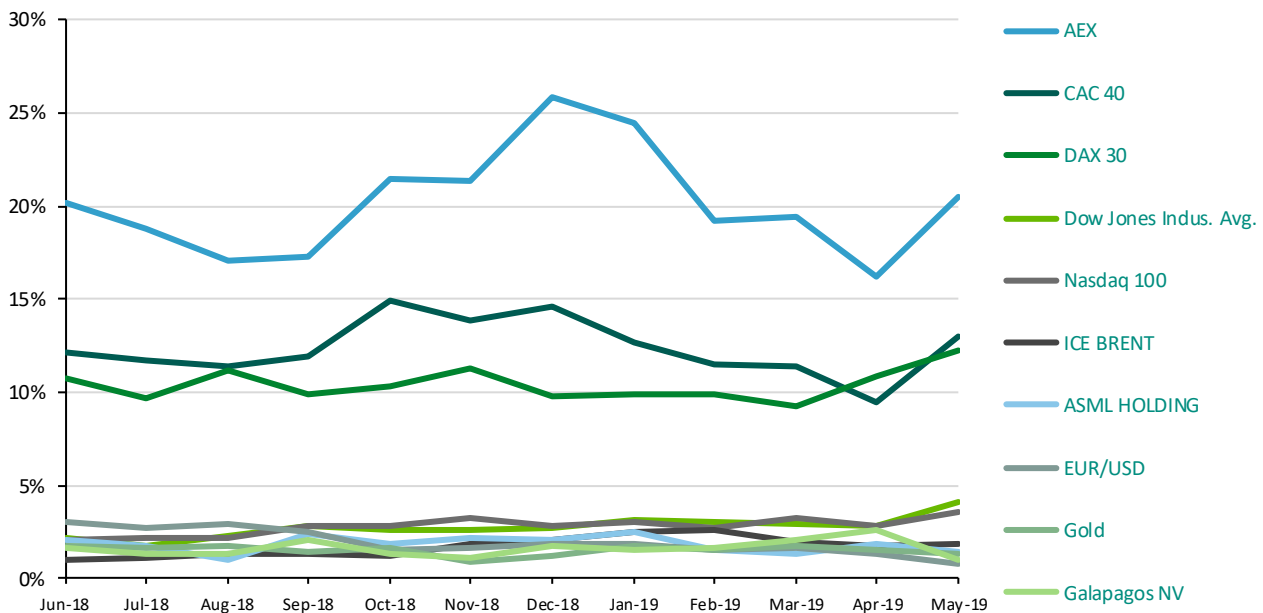
Market Trend: Value traded

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

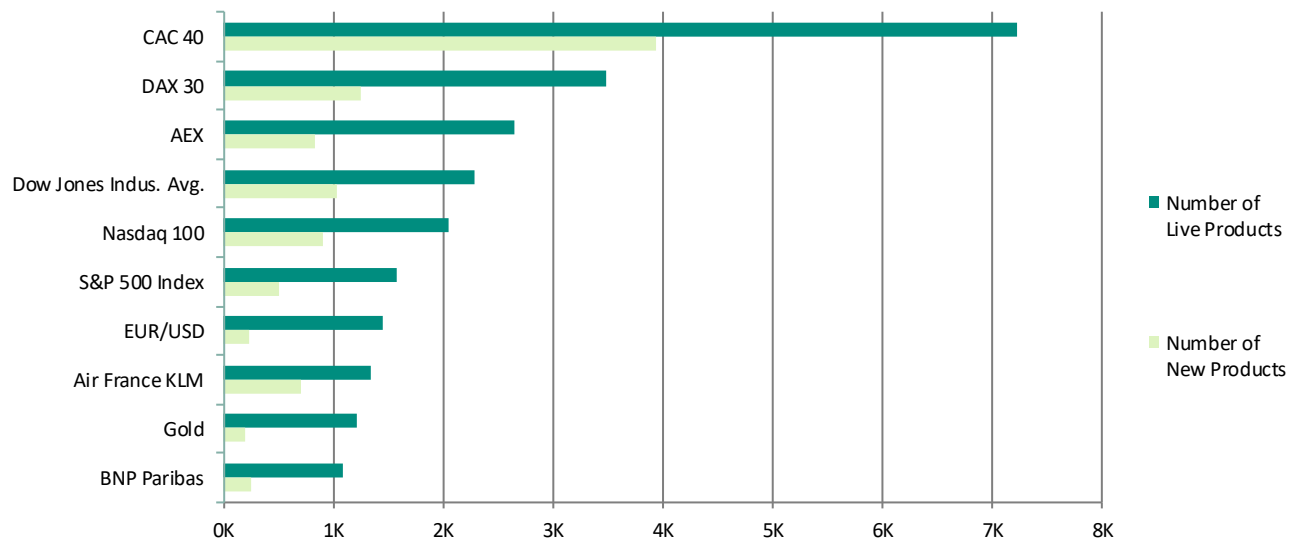
Product Overview

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	7,229	-1.0%	8.1%	9.4%	3,931	24%	18.2%	17.0%
DAX 30	3,481	6.3%	6.7%	4.5%	1,252	-5.9%	1.3%	5.4%
AEX	2,650	0.3%	1.5%	3.4%	828	11.1%	18.0%	3.6%
Dow Jones Indus. Avg.	2,290	5.3%	23%	3.0%	1,027	94%	40%	4.5%
Nasdaq 100	2,041	6.7%	28%	2.7%	902	48%	35%	3.9%
S&P 500 Index	1,572	4.1%	14.8%	2.0%	497	65%	42%	2.2%
EUR/USD	1,442	3.9%	2.9%	1.9%	236	1.7%	-8.0%	1.0%
Air France KLM	1,344	12.7%	22%	1.7%	703	38%	60%	3.0%
Gold	1,219	-2.2%	2.2%	1.6%	201	16.2%	-4.5%	0.9%
BNP Paribas	1,080	10.6%	10.5%	1.4%	241	-44%	-7.9%	1.0%
Other	52,646	4.3%	10.8%	68.4%	13,245	3.7%	17.1%	57.4%
Total	76,995	3.9%	10.7%	100%	23,063	10.8%	18.3%	100%

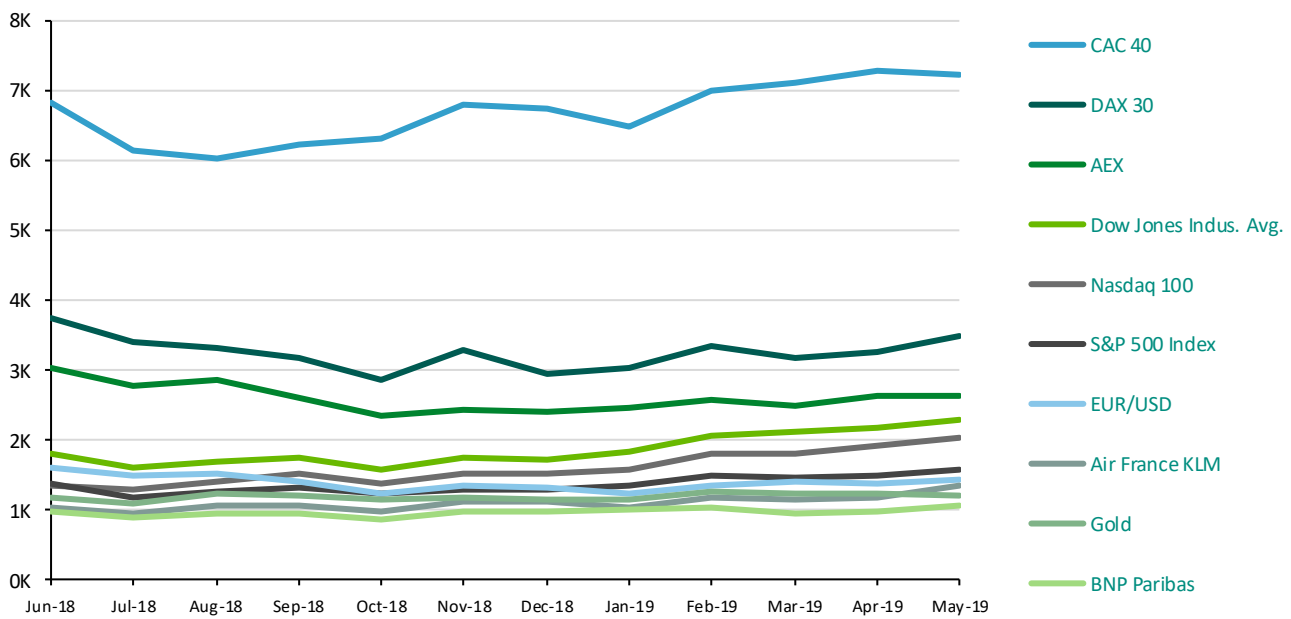
(Source Euronext)



TOP 10 UNDERLYINGS

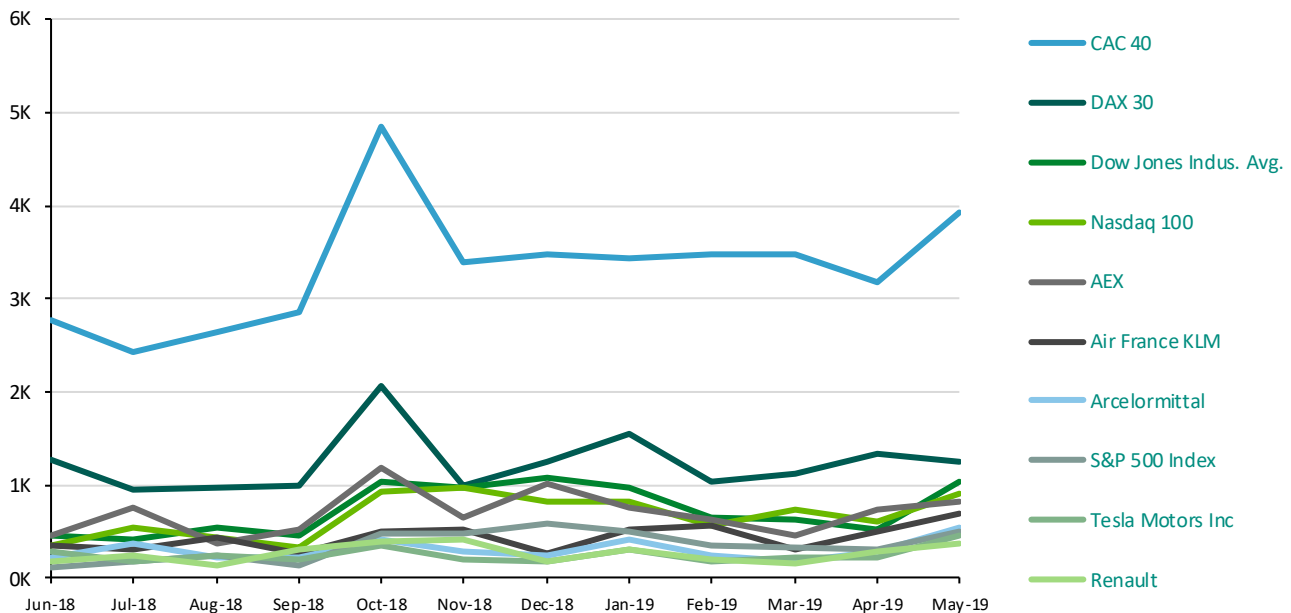
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	
PTBITTYE0094	BCP	1300	Tracker Certificates	MSCI World Index	73,358	3,930
NL0012969109	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	47,065	182
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	42,142	2,402
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	39,062	3,278
NL0013497589	ING	2100	Warrants	Euro STOXX 50 ETFs	33,344	2,344
NL0013497597	ING	2100	Warrants	Euro STOXX 50 ETFs	23,913	2,298
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	22,450	2,244
NL0013062300	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	16,368	54
NL0013418072	ING	2100	Warrants	Euro STOXX 50 ETFs	11,835	1,080
NL0013418098	ING	2100	Warrants	Euro STOXX 50 ETFs	10,264	1,608
NL0013497605	ING	2100	Warrants	Euro STOXX 50 ETFs	9,686	1,114
DE000VF3Z190	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	9,530	2,894
DE000CP68CG9	Citi	2200	Knock-Out Warrants	AEX	7,685	20,458
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	7,378	2,086
NL0013418080	ING	2100	Warrants	Euro STOXX 50 ETFs	7,331	982
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	7,299	2,010
NL0012903959	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	6,988	2,054
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,403	660
NL0013564701	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	6,195	556
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	6,060	1,200
NL0012969091	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	5,877	174
NL0013376437	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,721	1,148
DE000VF5RKE1	Vontobel	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	5,713	1,254
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	5,603	598
NL0012203913	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	5,523	11,496
DE000CU1BV67	Commerzbank	2210	Mini-Futures	DAX 30	5,243	134
DE000CA0ZD72	Commerzbank	2300	Constant Leverage Certificate	CAC 40	4,849	1,214
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	4,805	370
NL0012677405	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	4,590	776
NL0013441017	Goldman Sachs	2210	Mini-Futures	AEX	4,239	40
NL0013358070	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,136	598
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	3,976	546
NL0013374705	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	3,961	13,358
NL0012682512	BNP Paribas	2210	Mini-Futures	VIX Futures	3,715	638
DE000VF5VHL4	Vontobel	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	3,697	536
NL0013325319	ING	2100	Warrants	Euro STOXX 50 ETFs	3,658	454
NL0012691901	BNP Paribas	2210	Mini-Futures	Silver	3,620	66
DE000CU1C5X6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,615	764
NL0013362783	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	3,545	1,834
NL0013285034	BNP Paribas	2210	Mini-Futures	S&P 500 Index	3,503	40
NL0013371818	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,412	338
NL0013286701	BNP Paribas	2210	Mini-Futures	AEX	3,372	58
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	3,240	456
NL0013371800	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,207	366
NL0013252521	BNP Paribas	2100	Warrants	Air France KLM	3,163	214
NL0013372352	BNP Paribas	2210	Mini-Futures	AEX	2,966	474
NL0013376429	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,931	1,656
DE000VF5RKCS	Vontobel	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	2,869	346
NL0013210701	ING	2205	Open-End Knock-Out Warrants	ICE BRENT	2,783	1,138
NL0013357486	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,775	600

(Source Euronext)



Euronext Amsterdam

ISSUERS

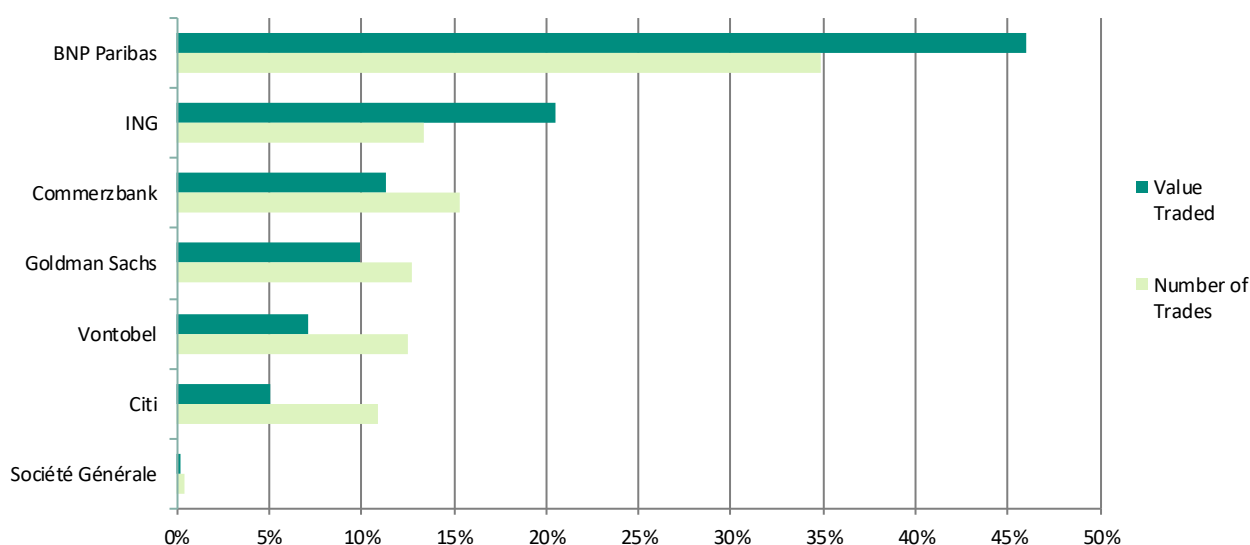
Market Overview

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	7,977	2.5%	-18.5%	46.0%	2,725	14.9%	4.2%	34.9%
ING	3,547	-31%	-1.1%	20.4%	1,040	-12.9%	-6.1%	13.3%
Commerzbank	1,970	-23%	-26%	11.4%	1,193	-11.5%	-15.7%	15.3%
Goldman Sachs	1,712	18.2%	-29%	9.9%	993	28.6%	16.0%	12.7%
Vontobel	1,240	54%	28%	7.1%	975	46.7%	59.2%	12.5%
Citi	875	52%	-7.5%	5.0%	853	97.5%	40.4%	10.9%
Société Générale	25	-71%	-85%	0.1%	29	-36.5%	-77.5%	0.4%
Total	17,348	-5.8%	-15.6%	100%	7,808	14.3%	6.3%	100%

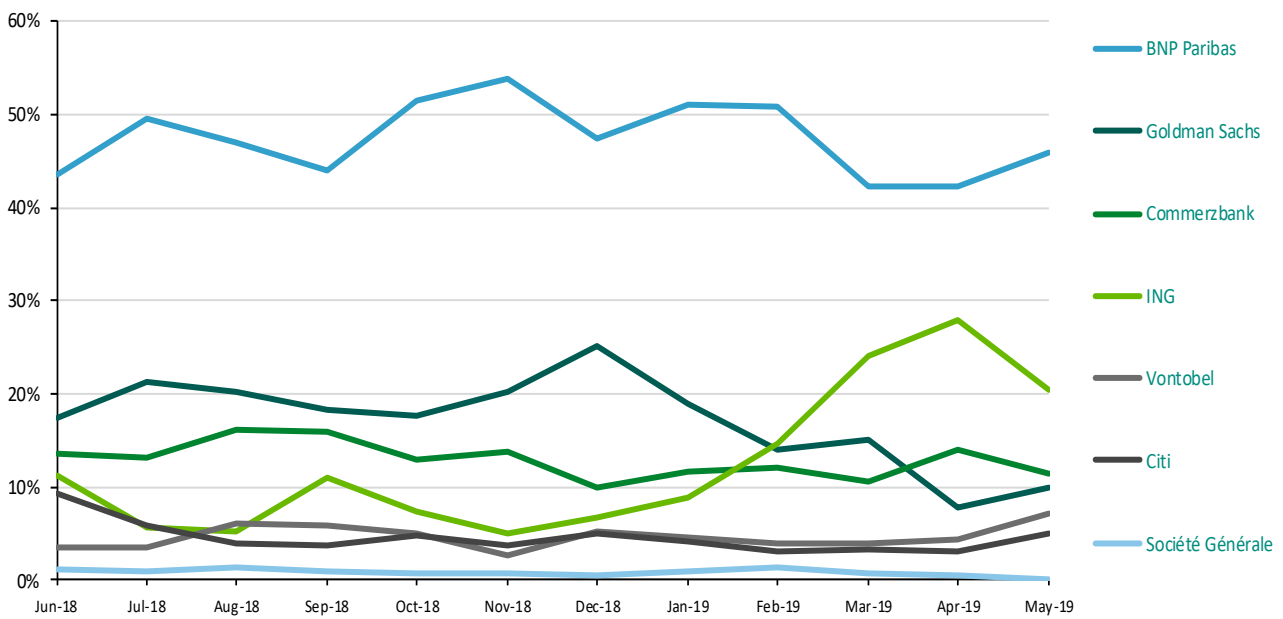
(Source Euronext)



ISSUERS

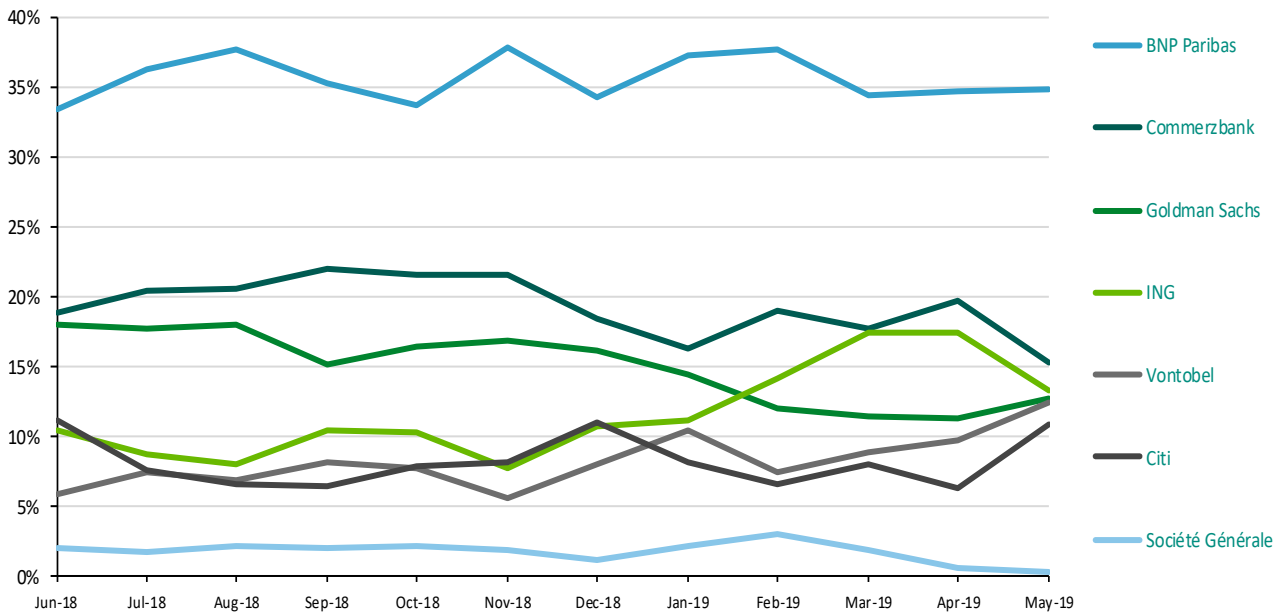
Market Trend: Value traded

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

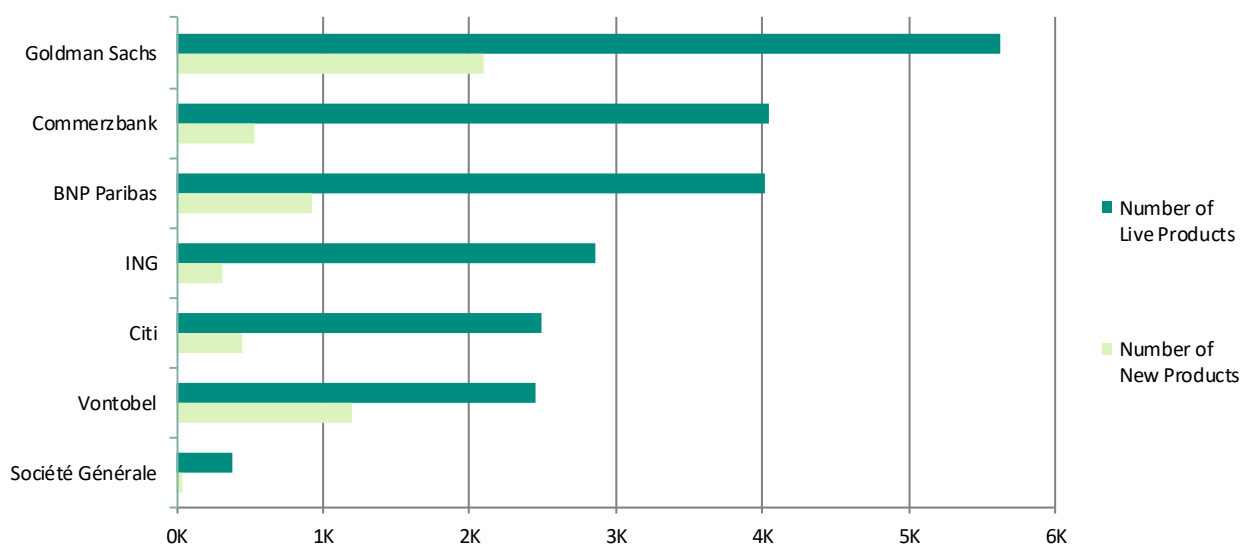
Product Overview

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	5,624	5.4%	9.5%	25.7%	2,089	47%	62%	37.8%
Commerzbank	4,050	1.4%	-4.9%	18.5%	529	-31%	-35%	9.6%
BNP Paribas	4,018	-12.4%	-1.0%	18.4%	922	-1.2%	-12.0%	16.7%
ING	2,861	1.3%	3.4%	13.1%	305	-22%	3.3%	5.5%
Citi	2,486	2.2%	15.8%	11.4%	449	-40%	7.2%	8.1%
Vontobel	2,445	-4.6%	3.9%	11.2%	1,190	18.5%	16.2%	21.6%
Société Générale	384	-8.8%	-19.5%	1.8%	38		-71%	0.7%
Total	21,868	-1.3%	3.2%	100%	5,522	4.7%	9.8%	100%

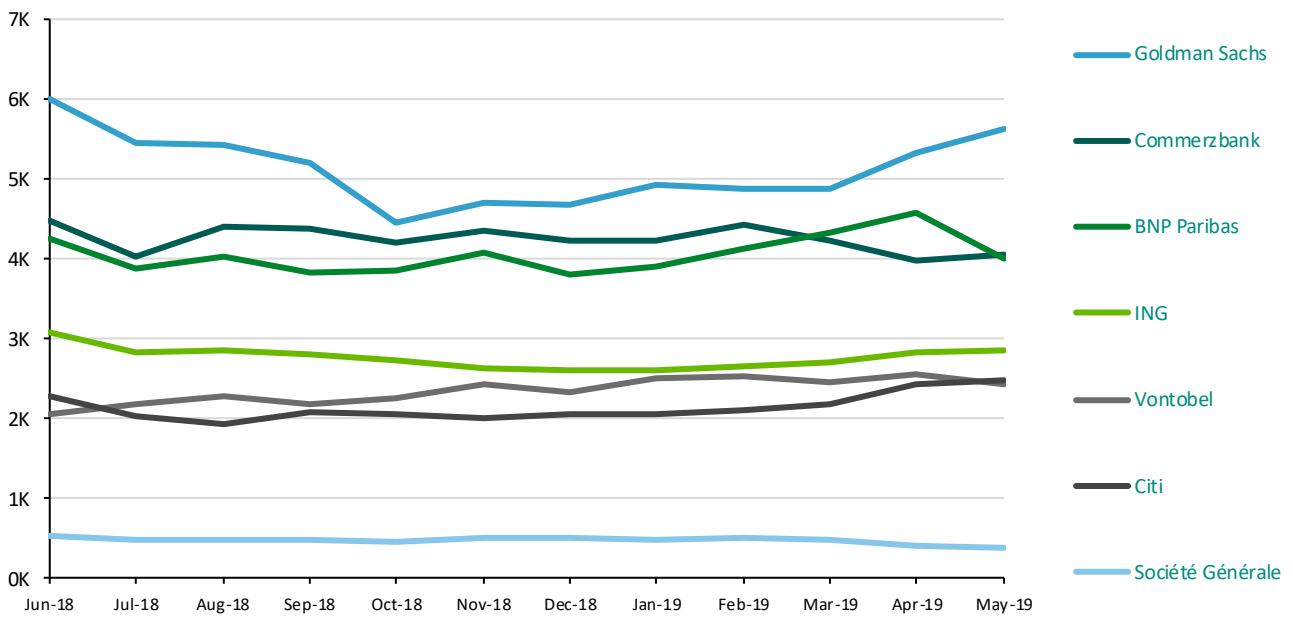
(Source Euronext)



ISSUERS

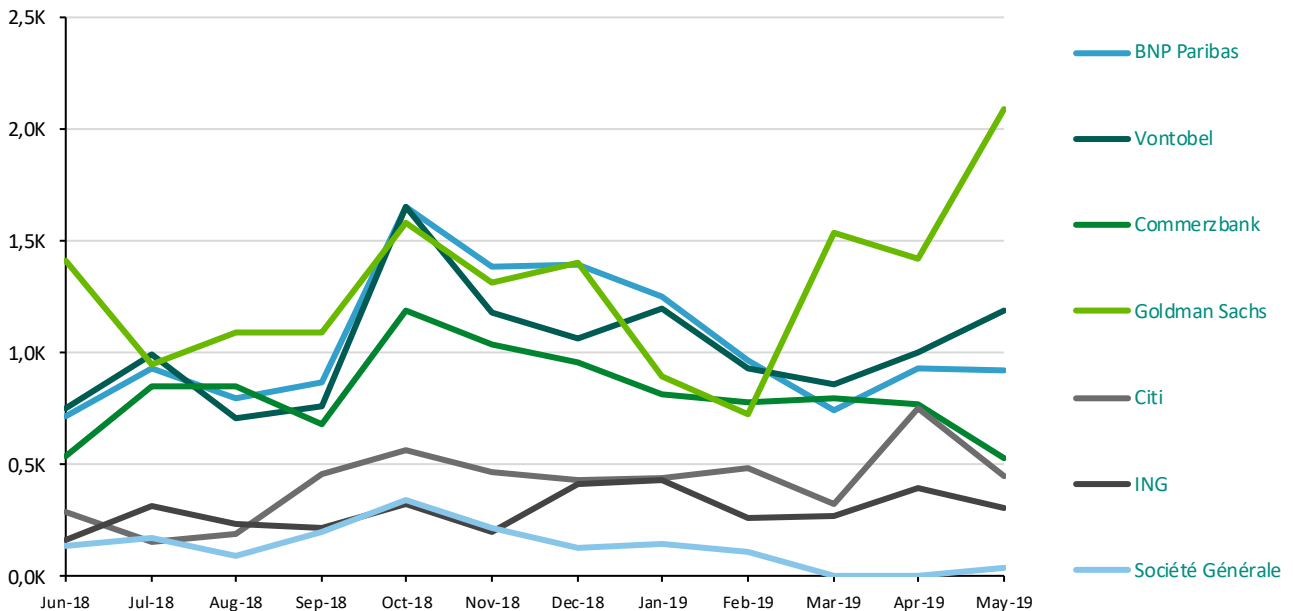
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer 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)

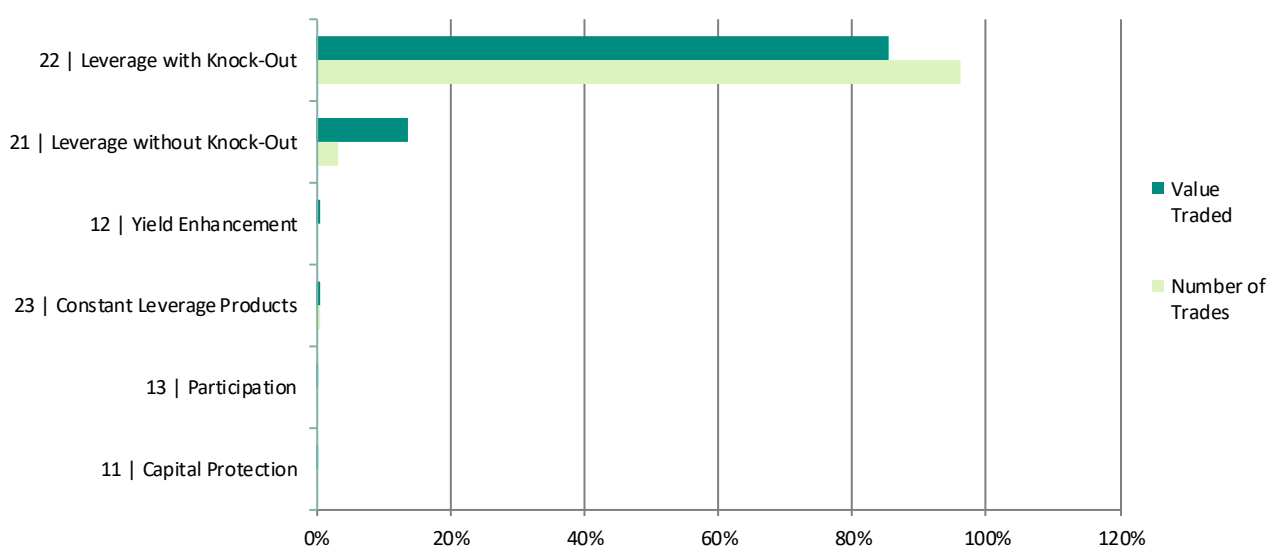
Market Overview

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	14,795	2.5%	-22%	85.3%	7,498	18.1%	5.2%	96.0%
21 Leverage without Knock-Out	2,355	-36%	93%	13.6%	240	-44.1%	70.5%	3.1%
12 Yield Enhancement	92	-57%	-68%	0.5%	22	-8.7%	-16.9%	0.3%
23 Constant Leverage Products	76	95%	-38%	0.4%	44	74.8%	-3.4%	0.6%
13 Participation	28	1.6%	-15.3%	0.2%	4.4	13.3%	-17.0%	0.1%
11 Capital Protection	3	87%	187%	0.0%	0.3	172.7%	3.8%	0.0%
Total	17,348	-5.8%	-15.6%	100%	7,808	14.3%	6.3%	100%

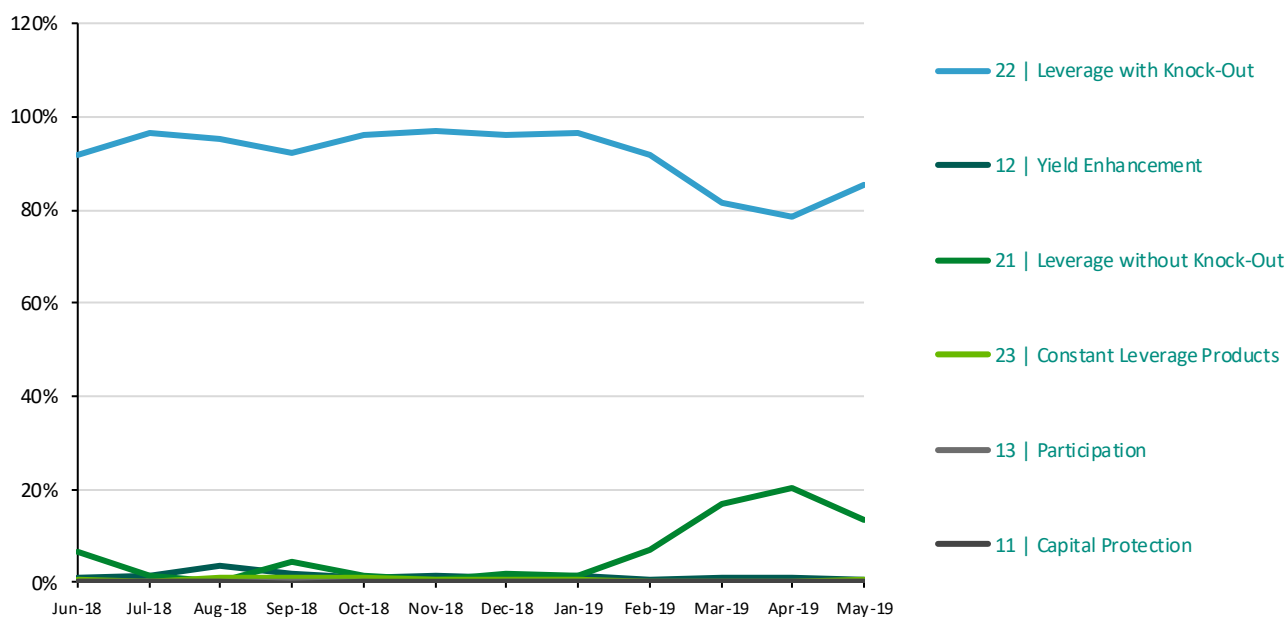
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

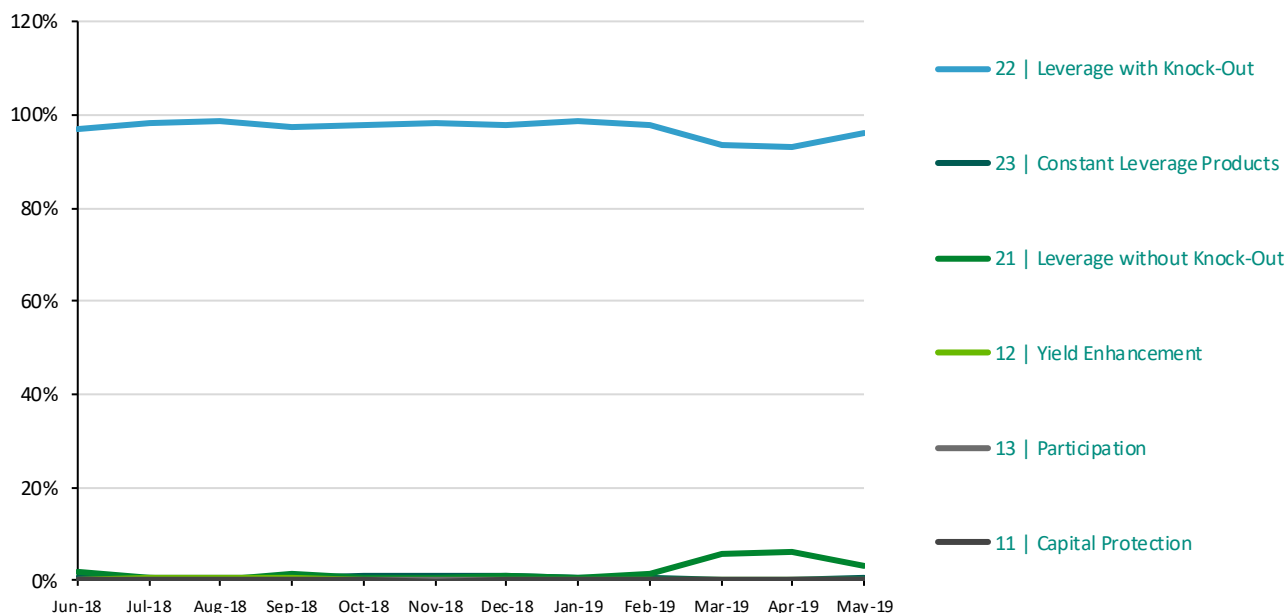
Market Trend: Value traded

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)

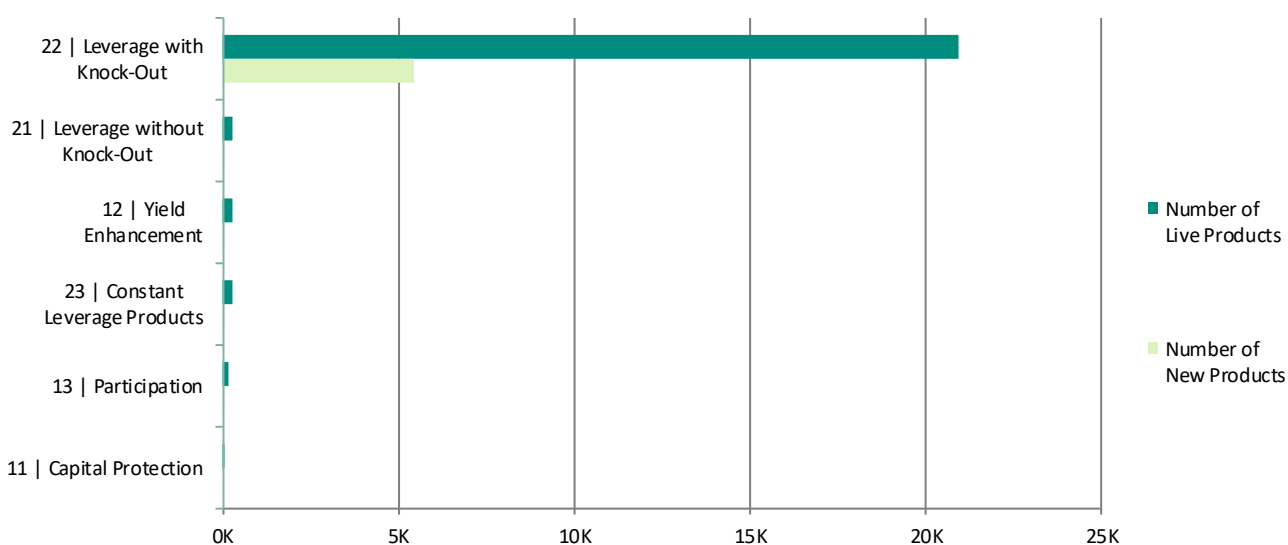
Product Overview

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	20,926	-1.6%	3.2%	95.7%	5,446	5.1%	10.1%	98.6%
21 Leverage without Knock-Out	290	10.4%	-3.1%	1.3%	26	-62%	-35%	0.5%
12 Yield Enhancement	265	7.1%	14.2%	1.2%	18	29%	-31%	0.3%
23 Constant Leverage Products	245	-1.5%	-3.8%	1.1%	24	167%	200%	0.4%
13 Participation	138	3.1%	2.8%	0.6%	8		22%	0.1%
11 Capital Protection	4	-45%	-44%	0.0%	0			0.0%
Total	21,868	-1.3%	3.2%	100%	5,522	4.7%	9.8%	100%

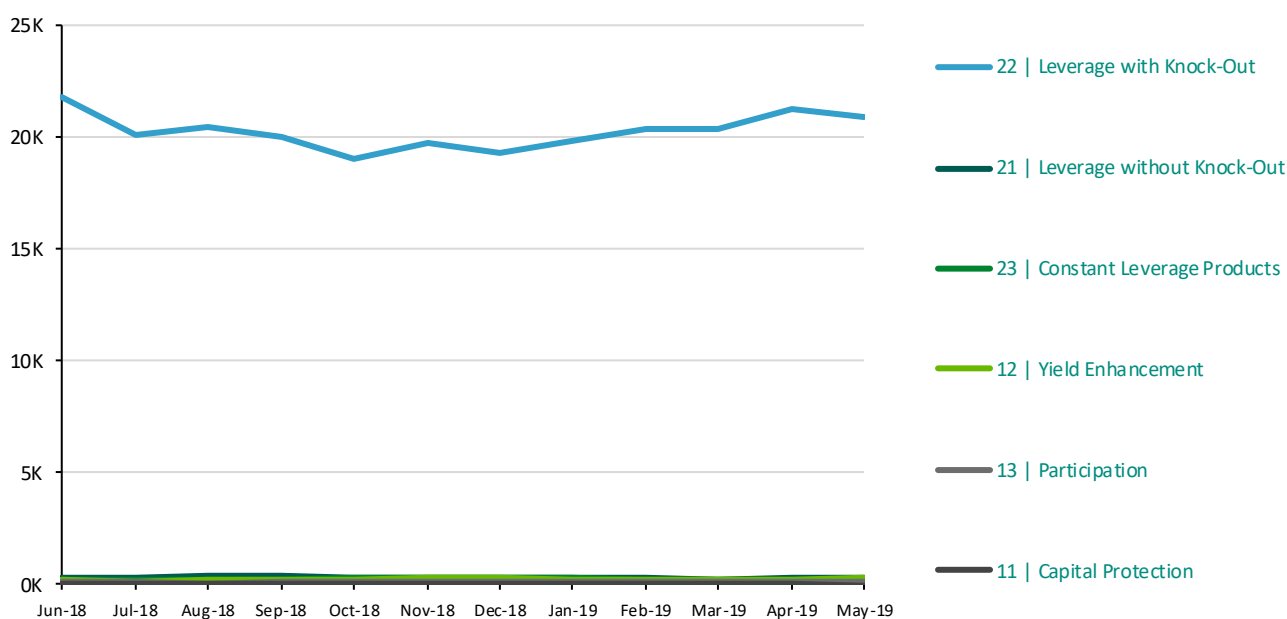
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

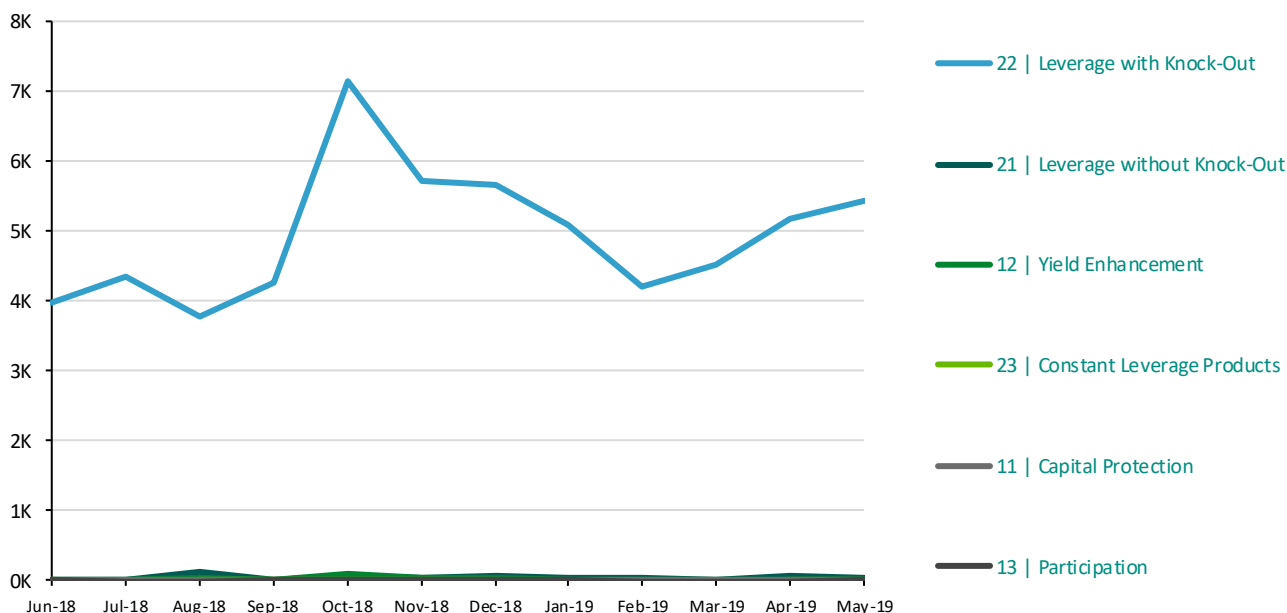
Product Trend: Number of Live Products

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

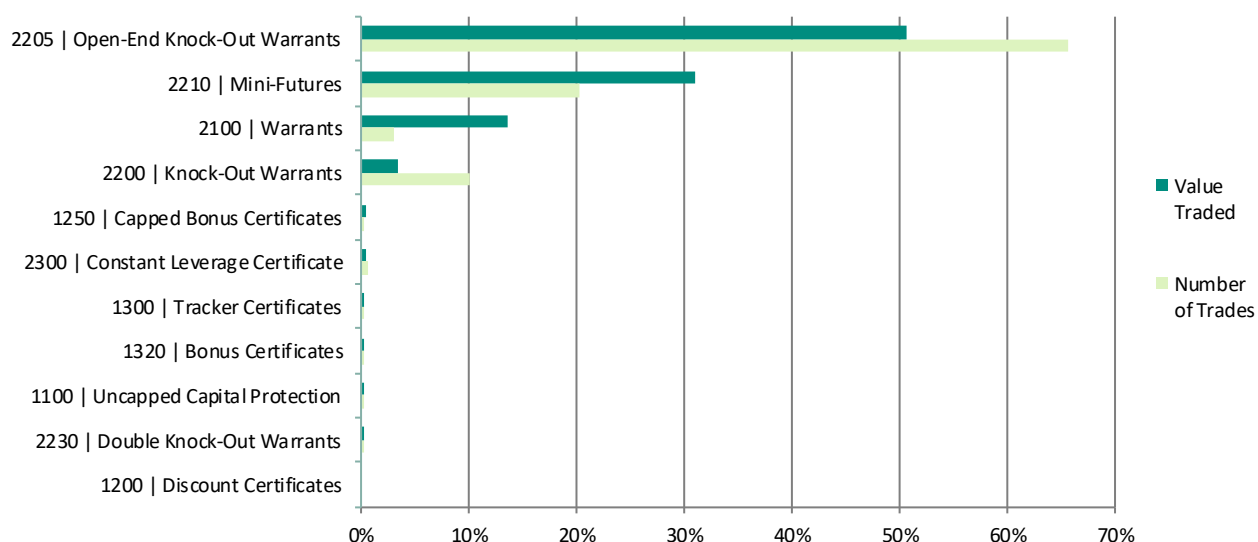
Market Overview

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	8,811	15.3%	-16.3%	50.8%	5,127	22.2%	4.5%	65.7%
2210 Mini-Futures	5,387	-16.7%	-30%	31.1%	1,587	-15.1%	-16.4%	20.3%
2100 Warrants	2,355	-36%	93%	13.6%	240	-44%	70%	3.1%
2200 Knock-Out Warrants	597	86%	-2.3%	3.4%	782	180%	140%	10.0%
1250 Capped Bonus Certificates	92	-57%	-68%	0.5%	22	-8.7%	-16.9%	0.3%
2300 Constant Leverage Certificate	76	95%	-38%	0.4%	44	75%	-3.4%	0.6%
1300 Tracker Certificates	21	-11.2%	-6.4%	0.1%	2.2	-3.0%	-13.3%	0.0%
1320 Bonus Certificates	7	75%	-31%	0.0%	2.2	36%	-16.2%	0.0%
1100 Uncapped Capital Protection	3	87%	187%	0.0%	0.3	173%	3.8%	0.0%
2230 Double Knock-Out Warrants	0	-40%	-44%	0.0%	1.4	34%	927%	0.0%
1200 Discount Certificates	0		-100%	0.0%	0.0		-100%	0.0%
Total	17,348	-5.8%	-15.6%	100%	7,808	14.3%	6.3%	100%

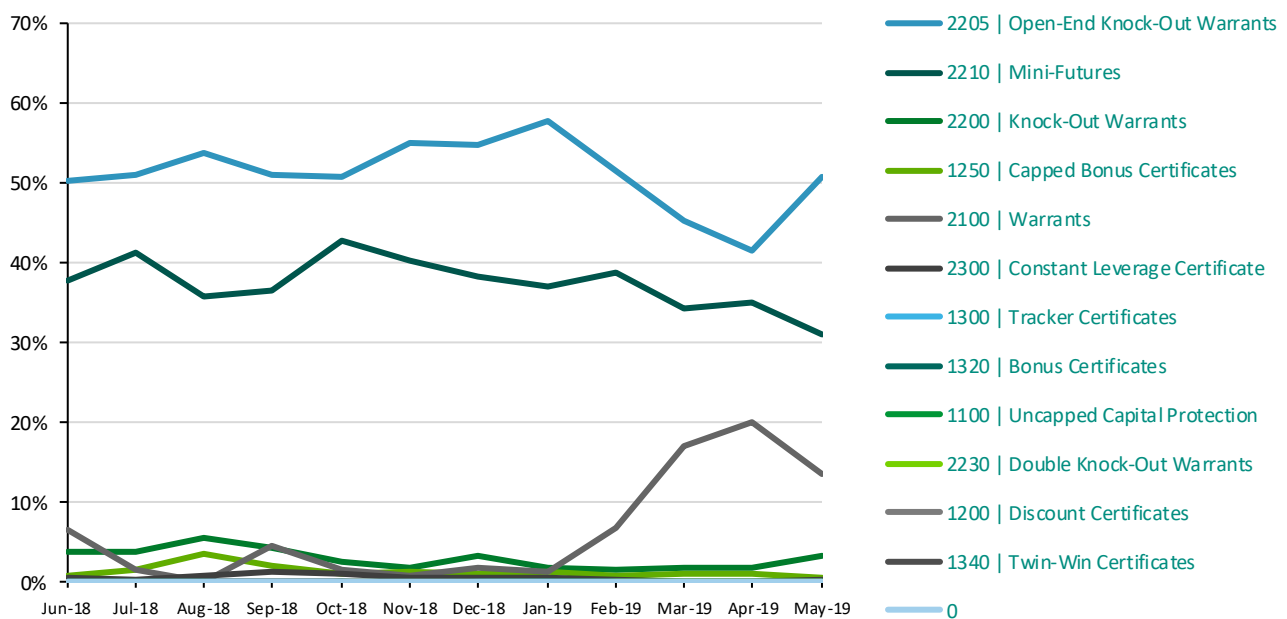
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

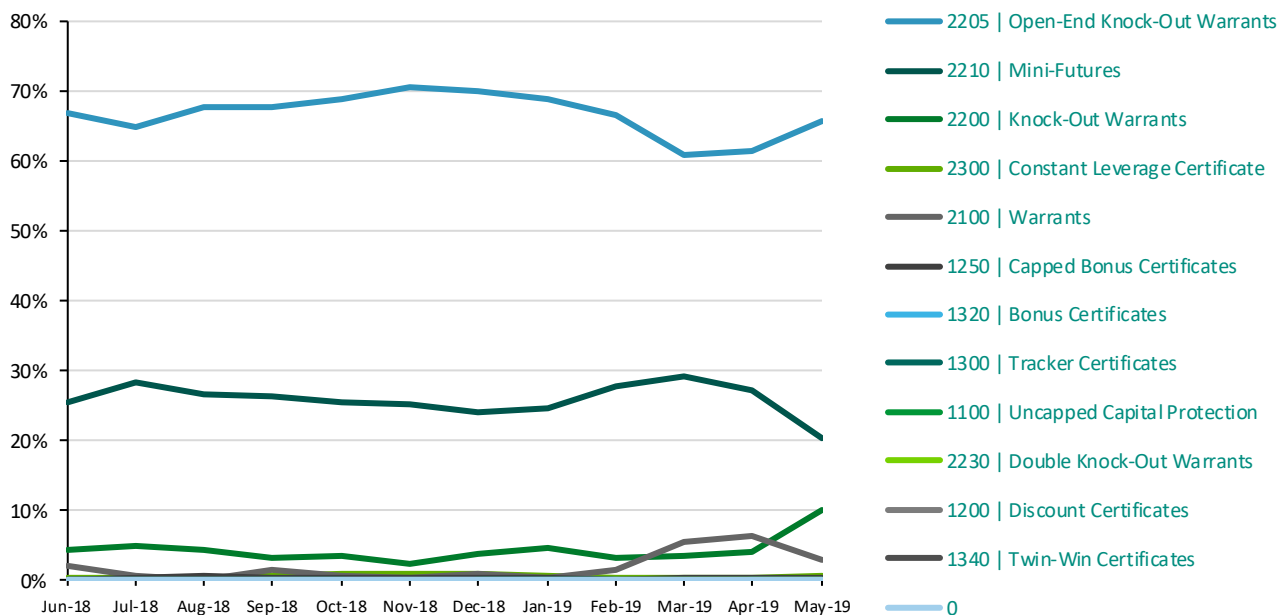
Market Trend: Value traded

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)

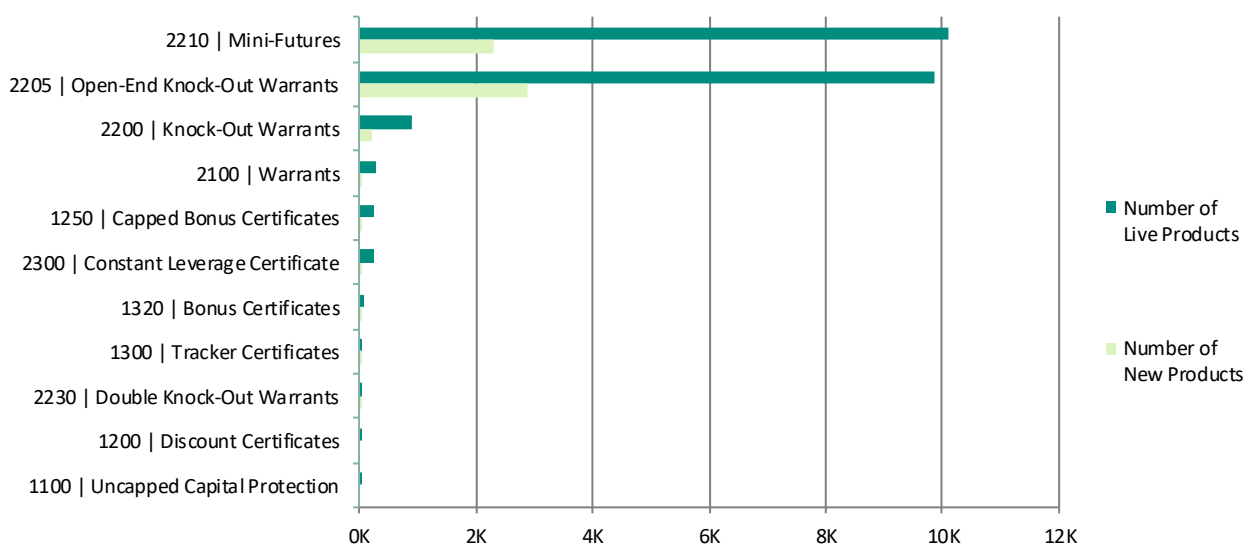
Product Overview

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	10,121	-3.2%	1.0%	46.3%	2,305	-0.7%	14.6%	41.7%
2205 Open-End Knock-Out Warrants	9,856	-0.7%	6.3%	45.1%	2,901	31%	17.3%	52.5%
2200 Knock-Out Warrants	905	9.1%	-6.7%	4.1%	234	-63%	-48%	4.2%
2100 Warrants	290	10.4%	-3.1%	1.3%	26	-62%	-35%	0.5%
1250 Capped Bonus Certificates	261	7.2%	16.7%	1.2%	18	29%	-29%	0.3%
2300 Constant Leverage Certificate	245	-1.5%	-3.8%	1.1%	24	167%	200%	0.4%
1320 Bonus Certificates	80	5.2%	7.1%	0.4%	5		-21%	0.1%
1300 Tracker Certificates	58	0.5%	-1.4%	0.3%	3		NA	0.1%
2230 Double Knock-Out Warrants	44	6.5%	249%	0.2%	6	-73%	-7.7%	0.1%
1200 Discount Certificates	4	0.0%	-52%	0.0%	0		-100%	0.0%
1100 Uncapped Capital Protection	4	-45%	-44%	0.0%	0			0.0%
Total	21,868	-1.3%	3.2%	100%	5,522	4.7%	9.8%	100%

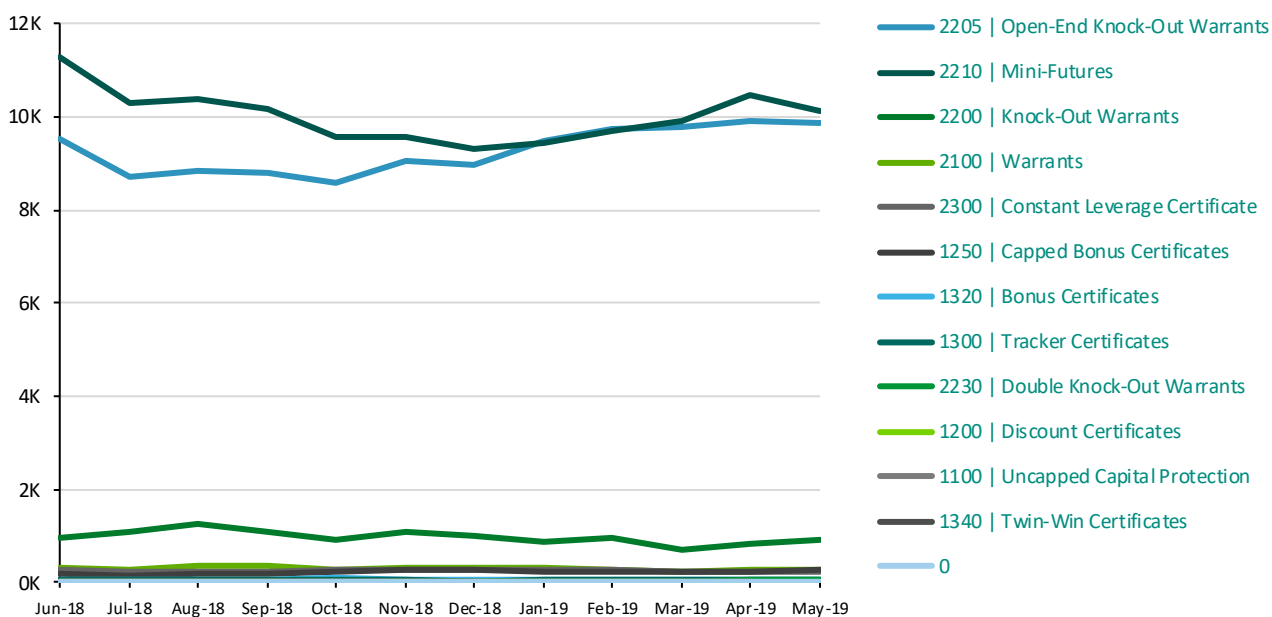
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

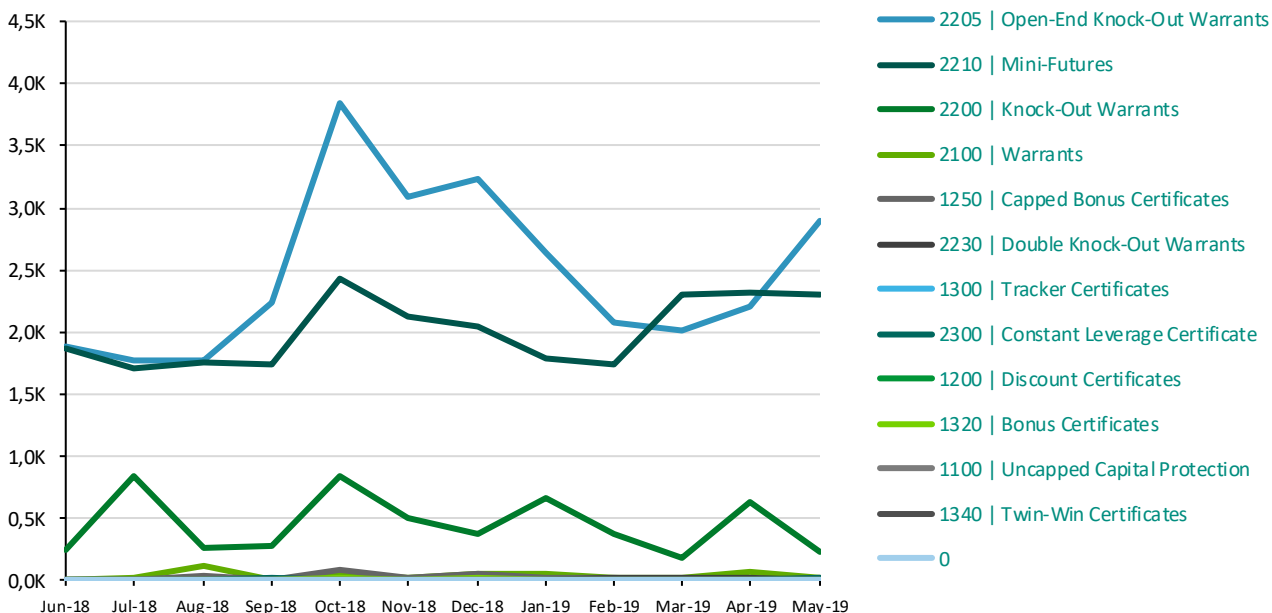
Product Trend: Number of Live Products

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

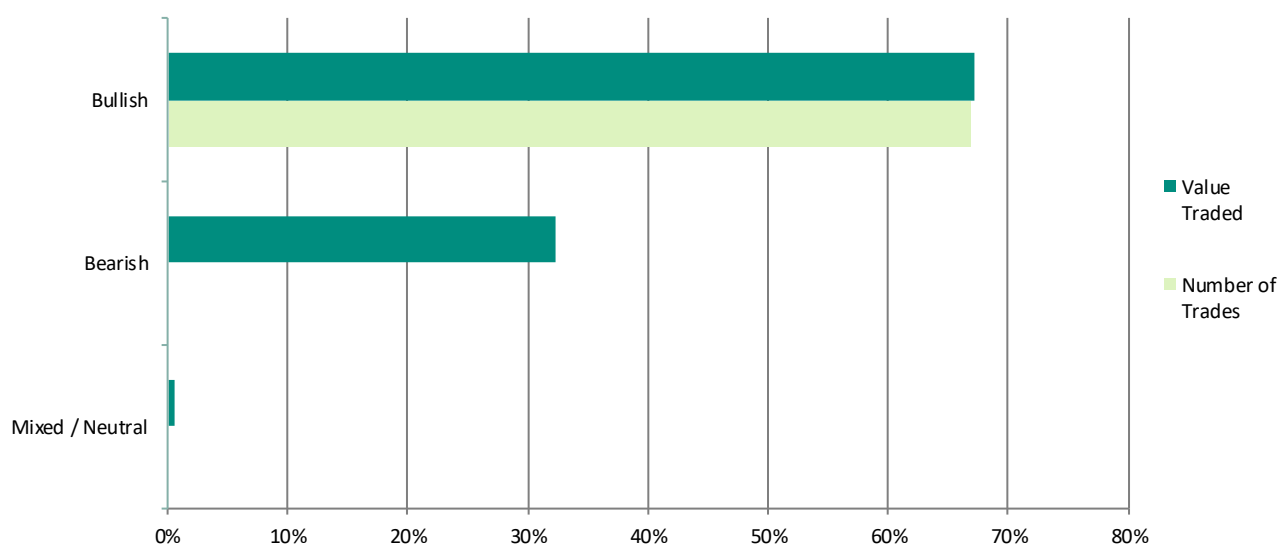
Market Overview

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	11,660	-16.9%	-13.1%	67.2%	5,226	21.0%	10.4%	66.9%
Bearish	5,596	34%	-18.3%	32.3%	0.0	-100%	-100%	0.0%
Mixed / Neutral	92	-57%	-68%	0.5%	0.0	-100%	-100%	0.0%
Total	17,348	-5.8%	-15.6%	100%	7,808	14.3%	6.3%	100%

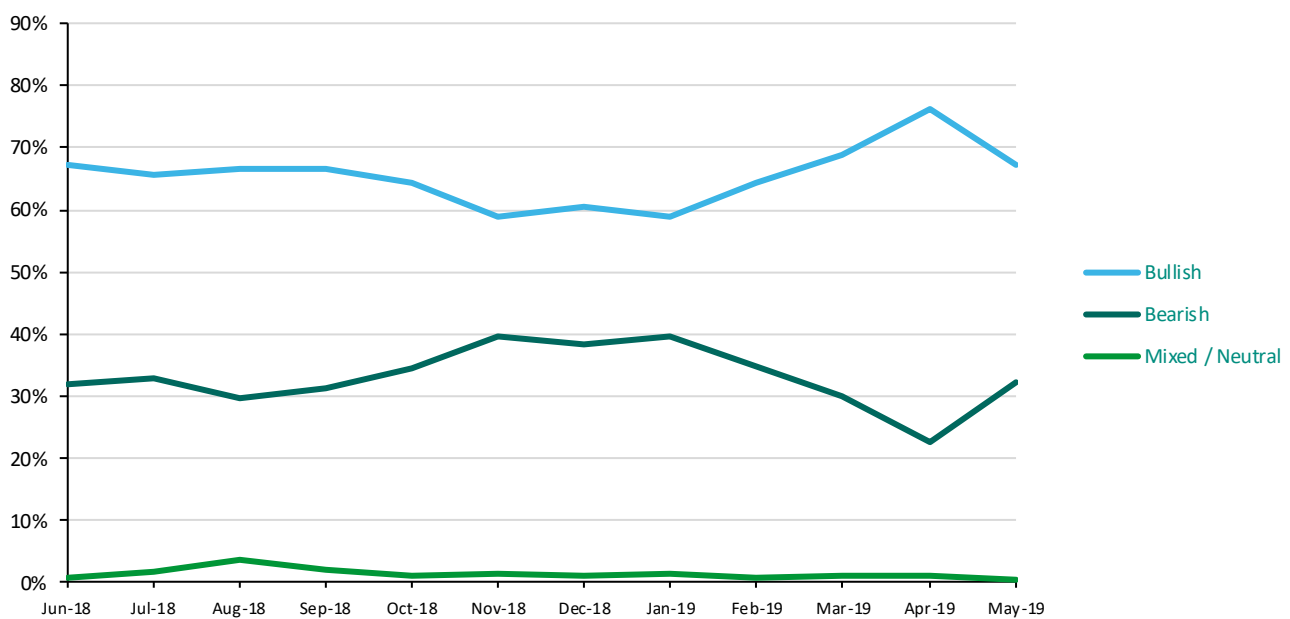
(Source Euronext)



PRODUCT STRATEGIES

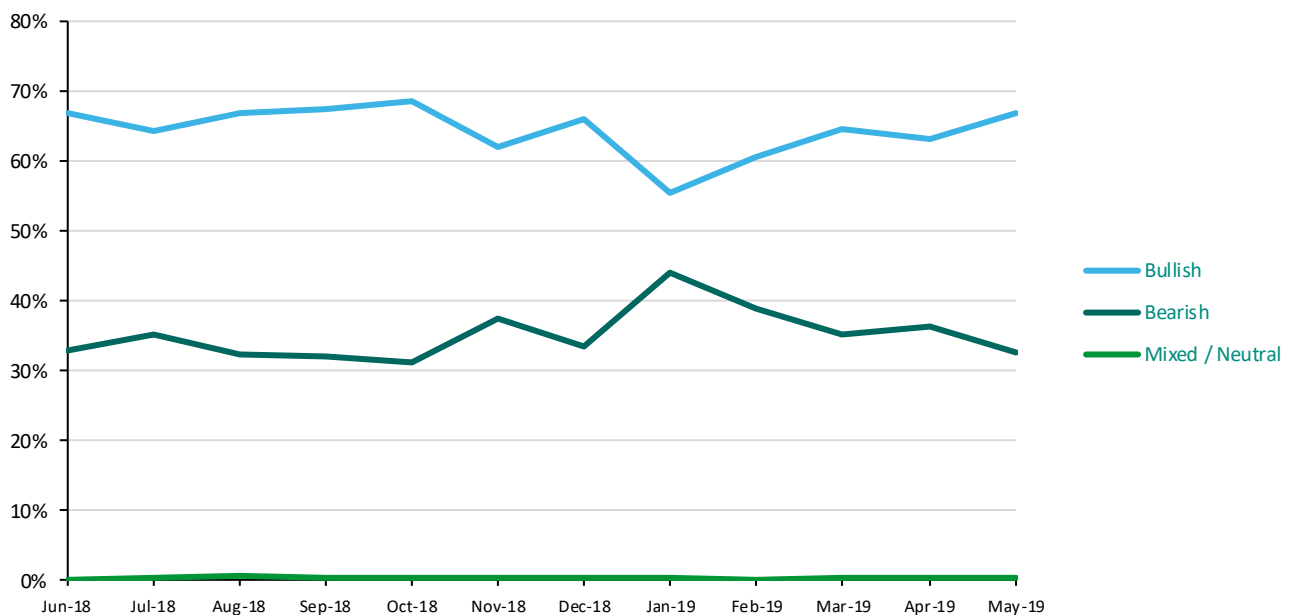
Market Trend: Value traded

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

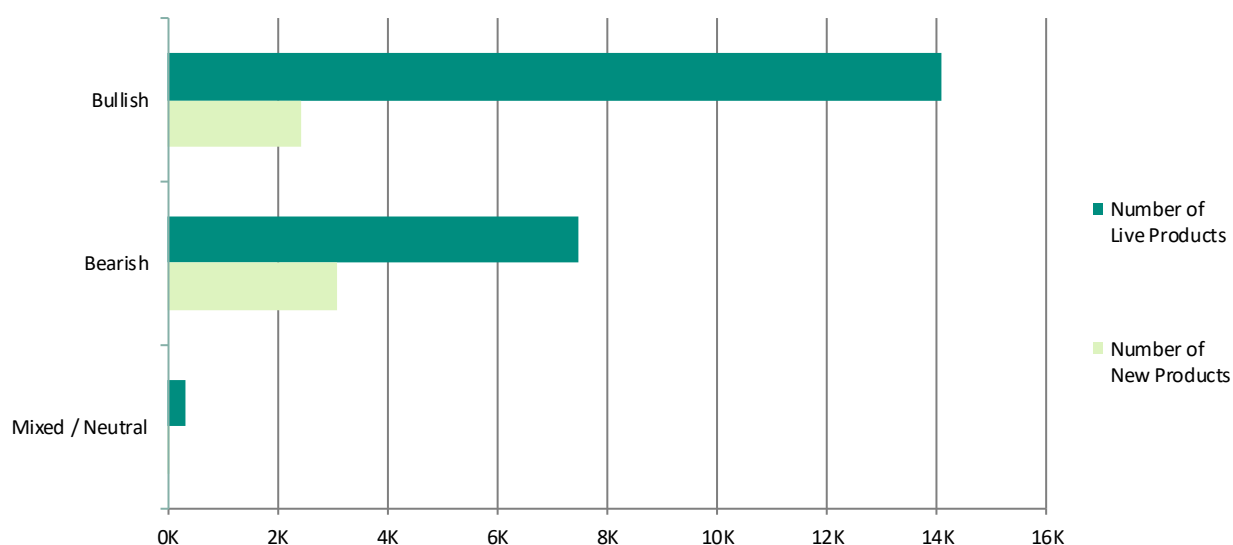
Product Overview

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	14,085	-6.5%	6.2%	64.4%	2,430	-23%	-12.7%	44.0%
Bearish	7,472	9.8%	-2.8%	34.2%	3,068	47%	39%	55.6%
Mixed / Neutral	310	7.0%	26%	1.4%	24	-33%	-26%	0.4%
Total	21,868	-1.3%	3.2%	100%	5,522	4.7%	9.8%	100%

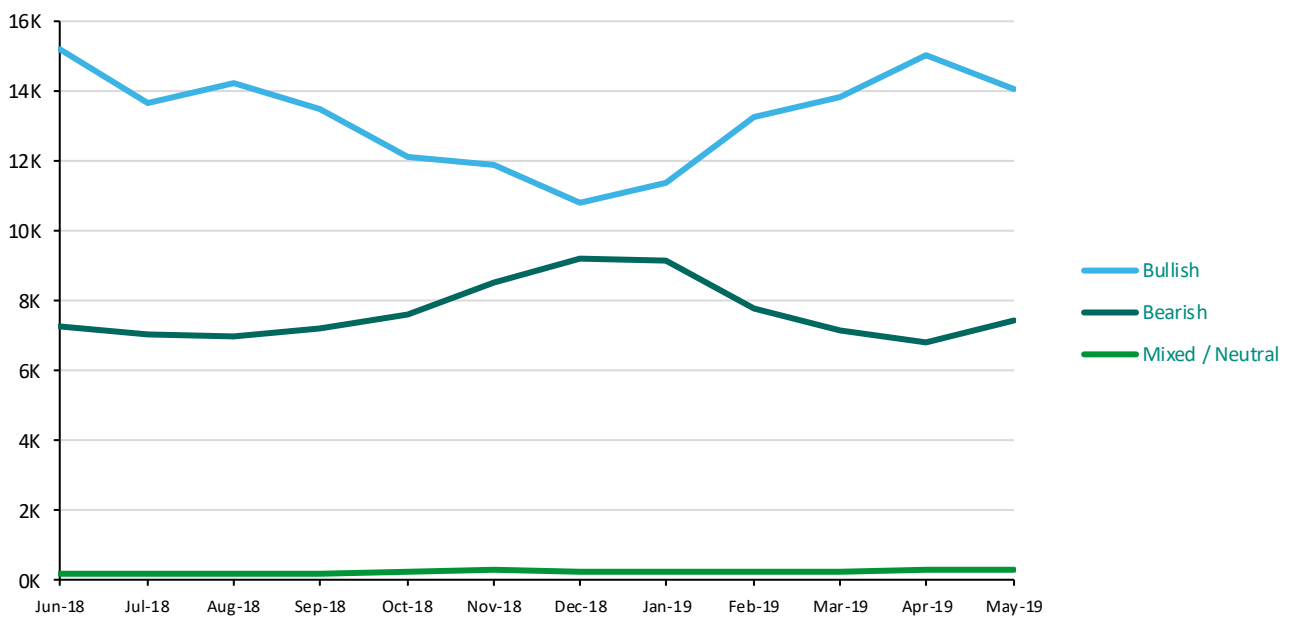
(Source Euronext)



PRODUCT STRATEGIES

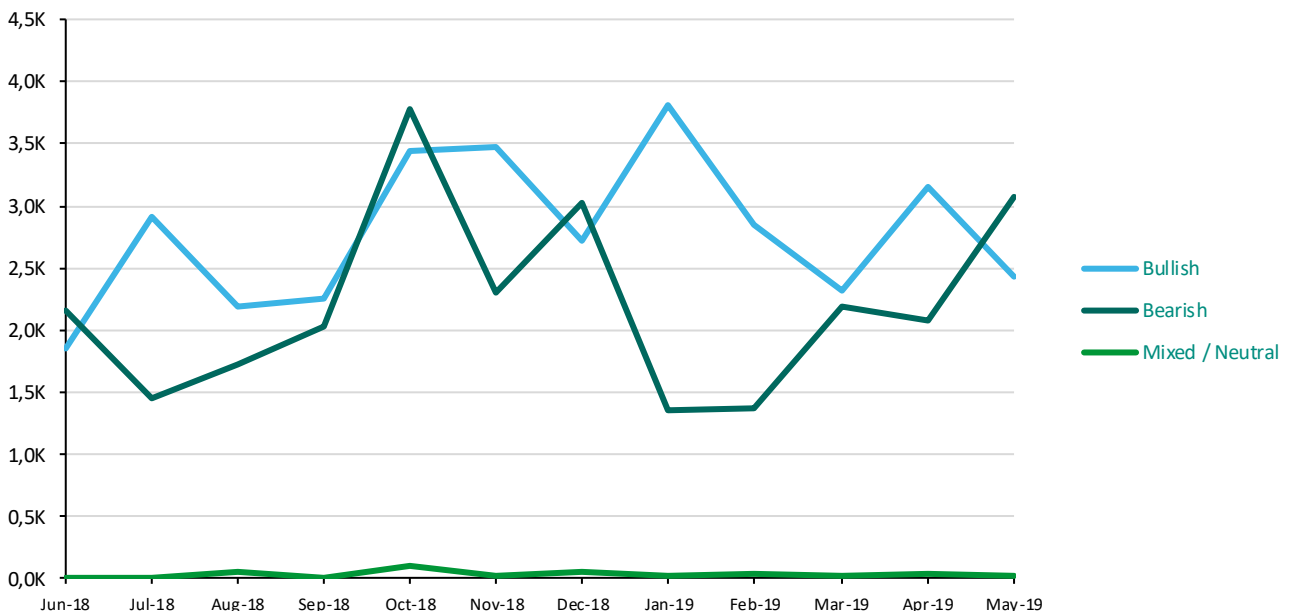
Product Trend: Number of Live Products

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

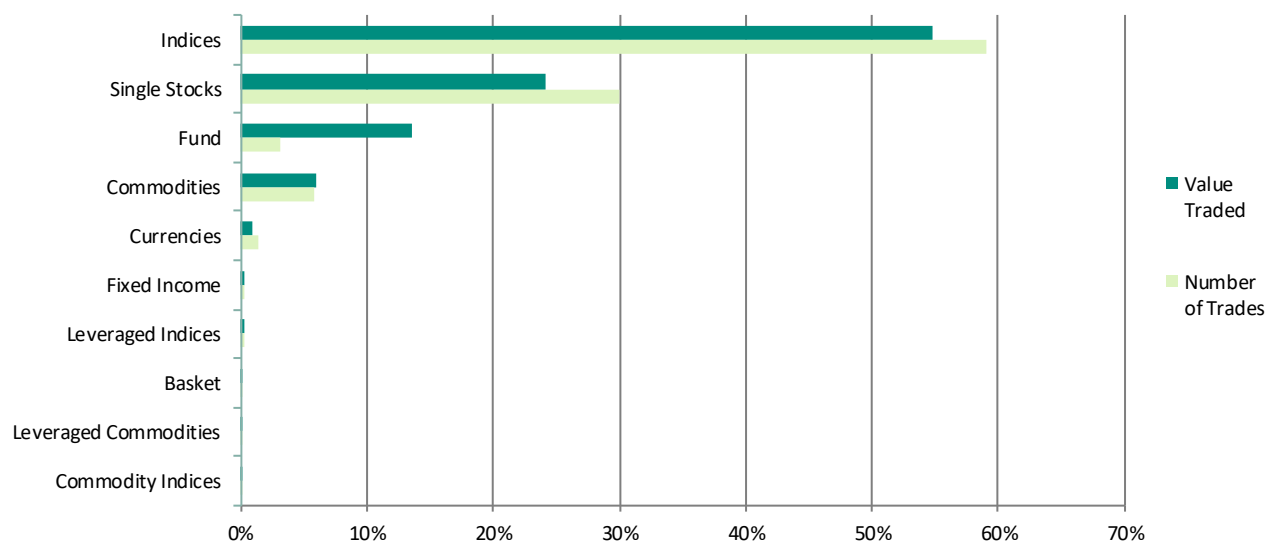
Market Overview

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	9,509	35%	-14.3%	54.8%	4,614	51.3%	17.9%	59.1%
Single Stocks	4,186	-33%	-25%	24.1%	2,348	-13.9%	-5.2%	30.1%
Fund	2,350	-36%	94%	13.5%	238	-44.2%	74.2%	3.0%
Commodities	1,034	4.7%	-14.1%	6.0%	451	-1.4%	0.3%	5.8%
Currencies	162	-56%	-86%	0.9%	110	-21.9%	-49.1%	1.4%
Fixed Income	43	66%	-77%	0.3%	21	52.6%	-79.3%	0.3%
Leveraged Indices	41	340%	-35%	0.2%	21	125.3%	-10.6%	0.3%
Basket	14	78%	-70%	0.1%	1.0	-74.5%	-95.1%	0.0%
Leveraged Commodities	8	4.8%	-40%	0.0%	5.4	297.3%	328.8%	0.1%
Commodity Indices	0		-98%	0.0%	0.1		-98.1%	0.0%
Total	17,348	-5.8%	-15.6%	100%	7,808	14.3%	6.3%	100%

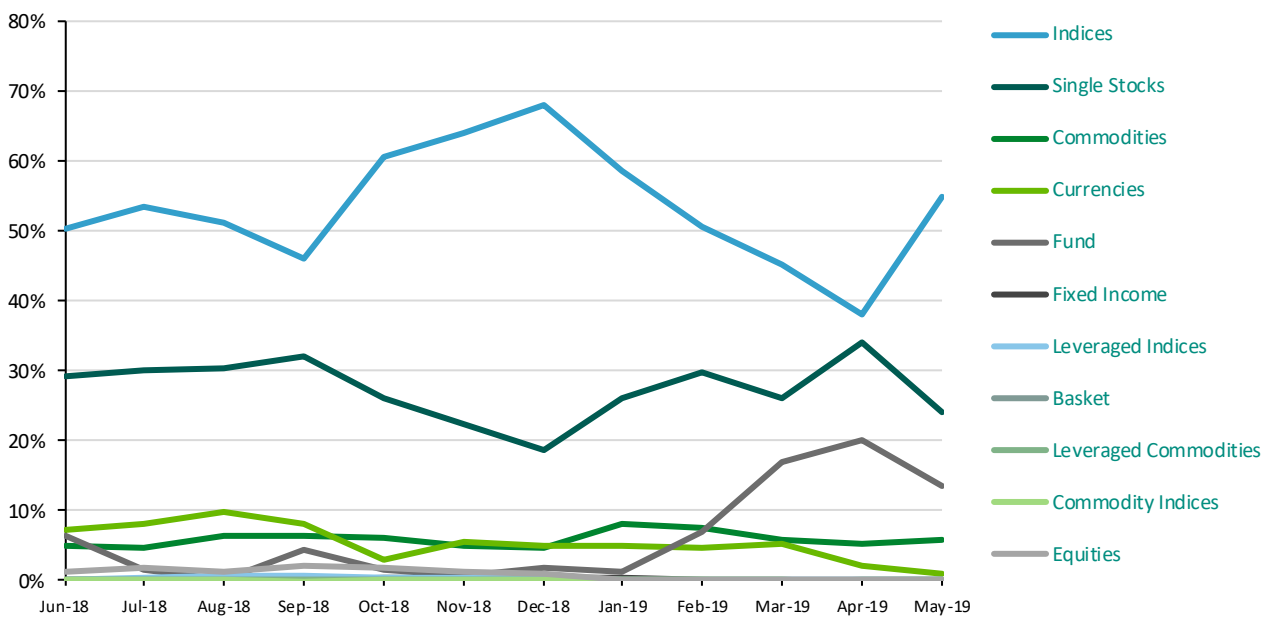
(Source Euronext)



UNDERLYING TYPES

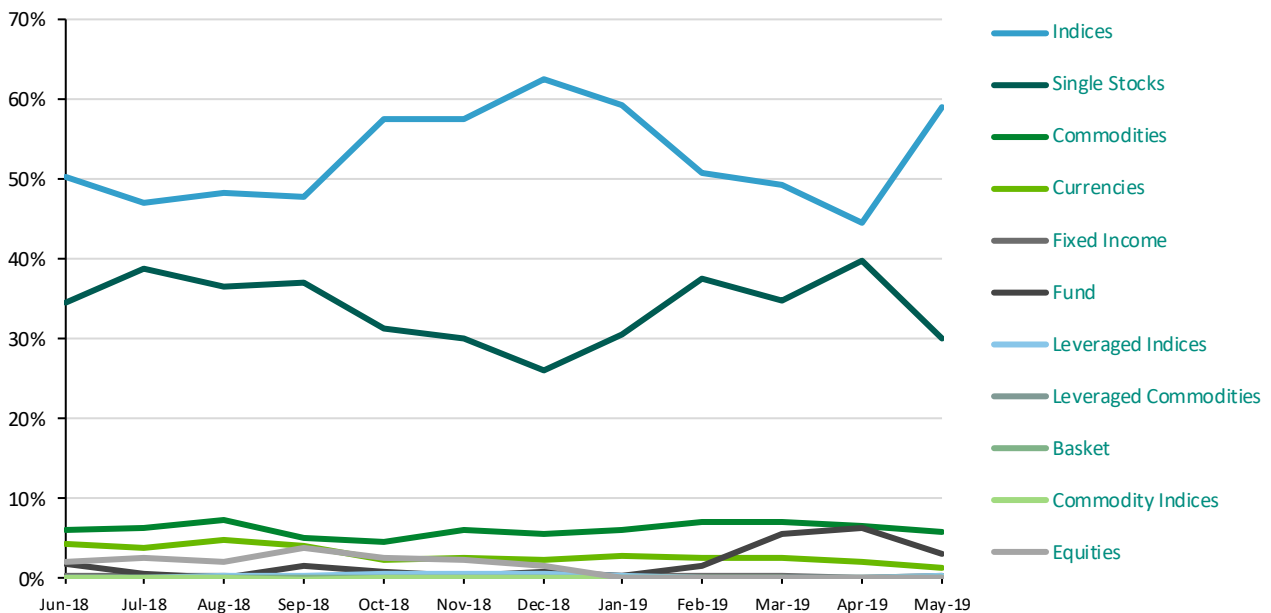
Market Trend: Value traded

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

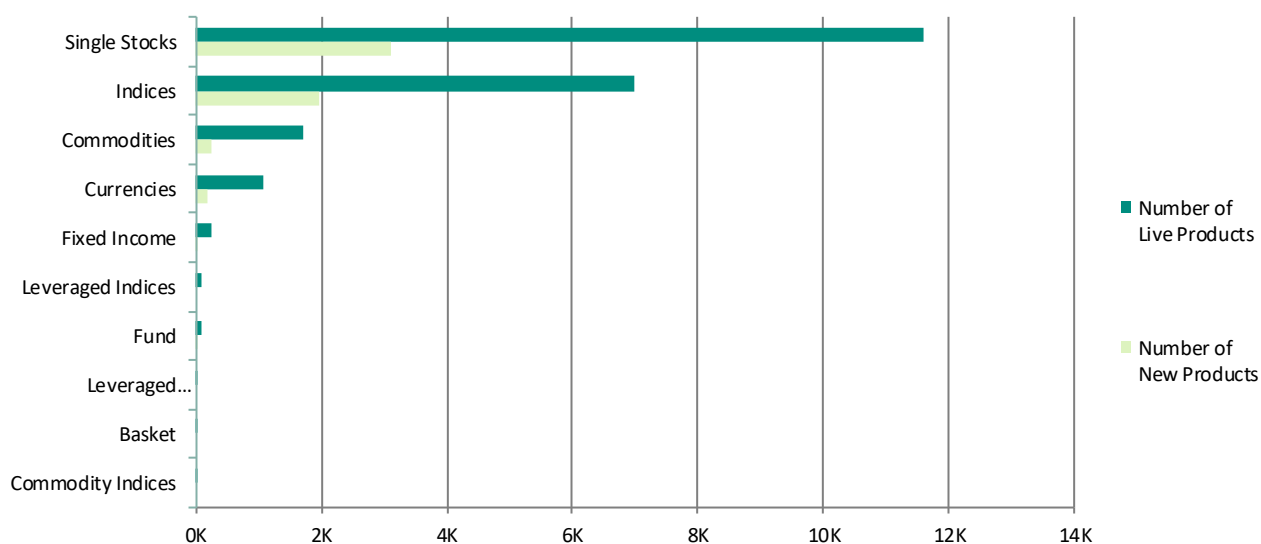
Product Overview

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	11,609	-1.7%	5.3%	53.1%	3,107	2.0%	12.1%	56.3%
Indices	7,000	-0.4%	4.0%	32.0%	1,949	17.1%	15.0%	35.3%
Commodities	1,706	-2.6%	3.6%	7.8%	246	-34%	-19.6%	4.5%
Currencies	1,089	-2.6%	-4.4%	5.0%	184	2.2%	-22%	3.3%
Fixed Income	242	4.4%	1.0%	1.1%	32	357%	130%	0.6%
Leveraged Indices	98	-1.9%	-6.2%	0.4%	0		-100%	0.0%
Fund	74	6.8%	25%	0.3%	4	-20.0%	60%	0.1%
Leveraged Commodities	34	-4.0%	-32%	0.2%	0		-100%	0.0%
Basket	14	-1.9%	-1.4%	0.1%	0			0.0%
Commodity Indices	1	0.0%	-0.8%	0.0%	0			0.0%
Total	21,868	-1.3%	3.2%	100%	5,522	4.7%	9.8%	100%

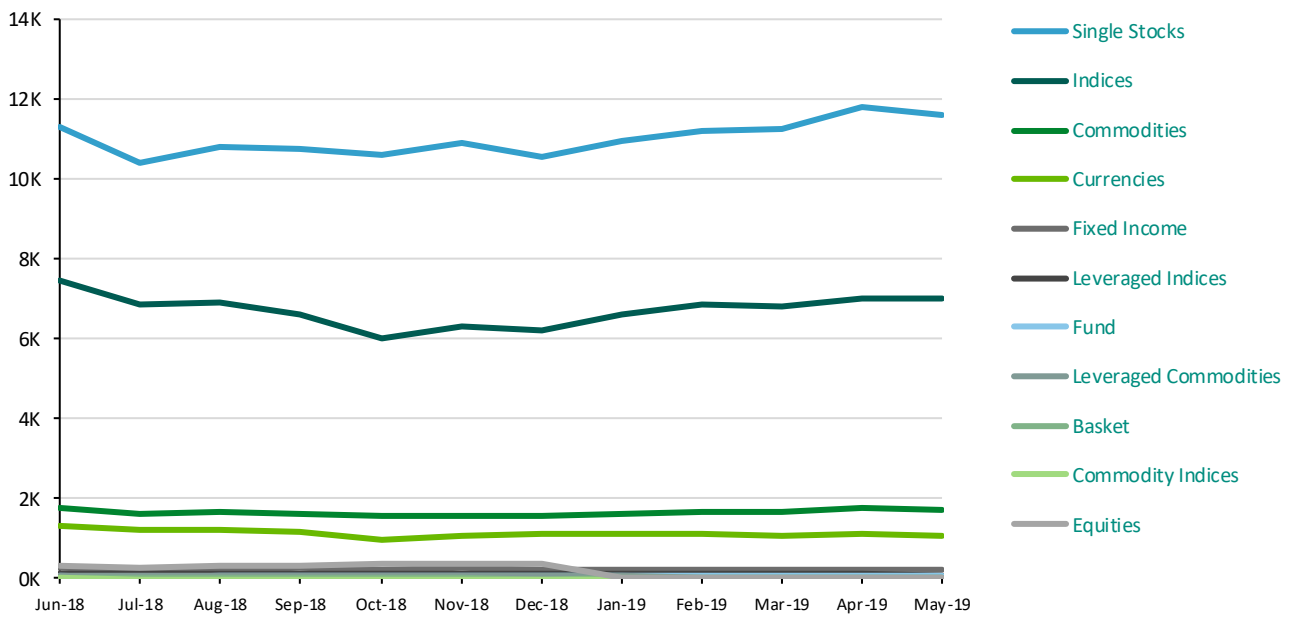
(Source Euronext)



UNDERLYING TYPES

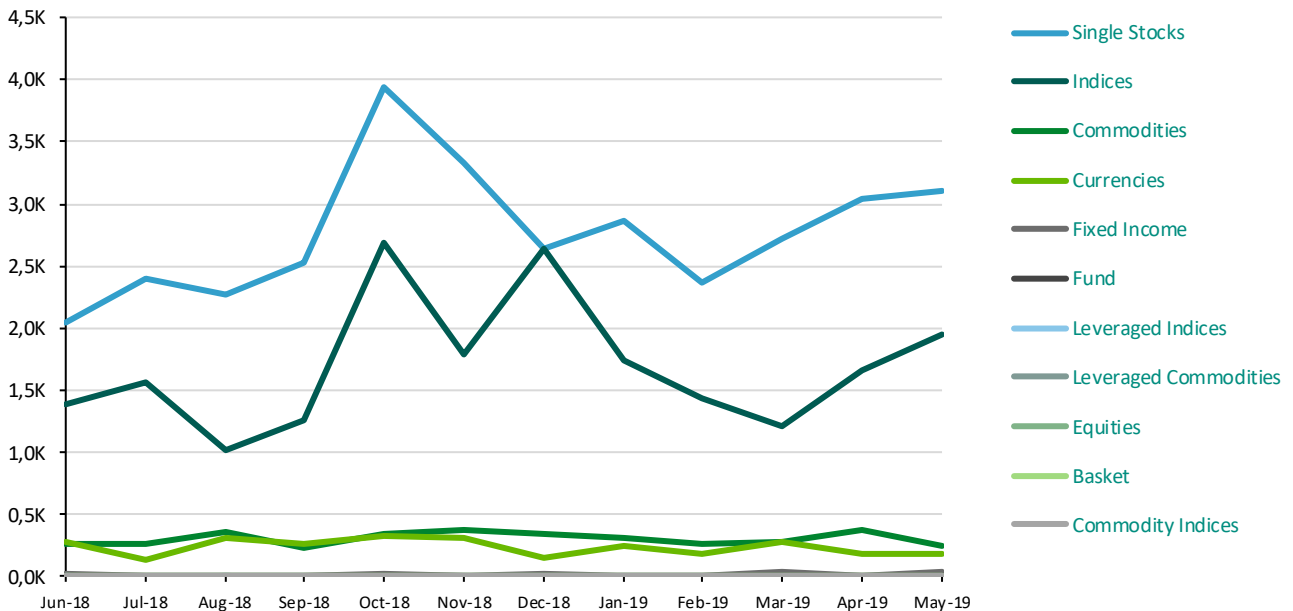
Product Trend: Number of Live Products

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

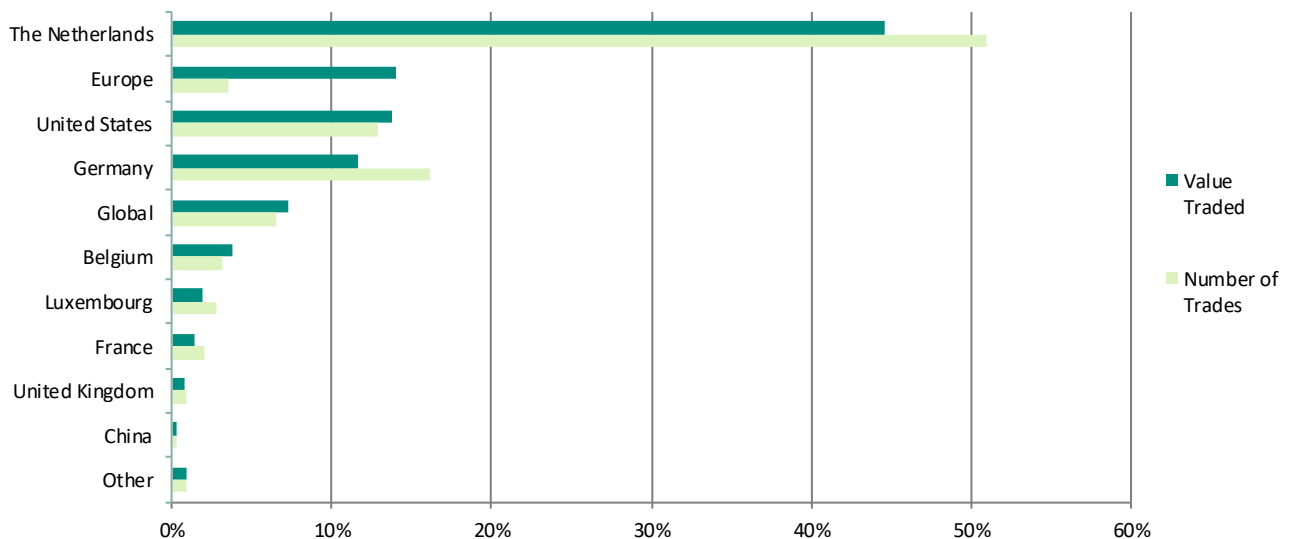
Market Overview

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	7,739	8.5%	-25%	44.6%	3,982	21.5%	0.8%	51.0%
Europe	2,429	-36%	-16.2%	14.0%	273	-39%	-70%	3.5%
United States	2,388	18.9%	-0.5%	13.8%	1,005	22%	7.9%	12.9%
Germany	2,018	9.3%	42%	11.6%	1,263	63%	677%	16.2%
Global	1,253	-9.0%	-6.1%	7.2%	508	21%	4.6%	6.5%
Belgium	642	-48%	-24%	3.7%	240	-52%	-26%	3.1%
Luxembourg	320	-5.3%	-28%	1.8%	220	-3.1%	-3.0%	2.8%
France	245	-16.9%	-35%	1.4%	156	-16.0%	-15.3%	2.0%
United Kingdom	126	-34%	-55%	0.7%	66	-11.6%	-19.2%	0.8%
China	40	-16.6%	-2.7%	0.2%	22	101%	8.4%	0.3%
Other	149	-12.3%	-21%	0.9%	73	-19.0%	-7.0%	0.9%
Total	17,348	-5.8%	-15.6%	100%	7,808	14.3%	6.3%	100%

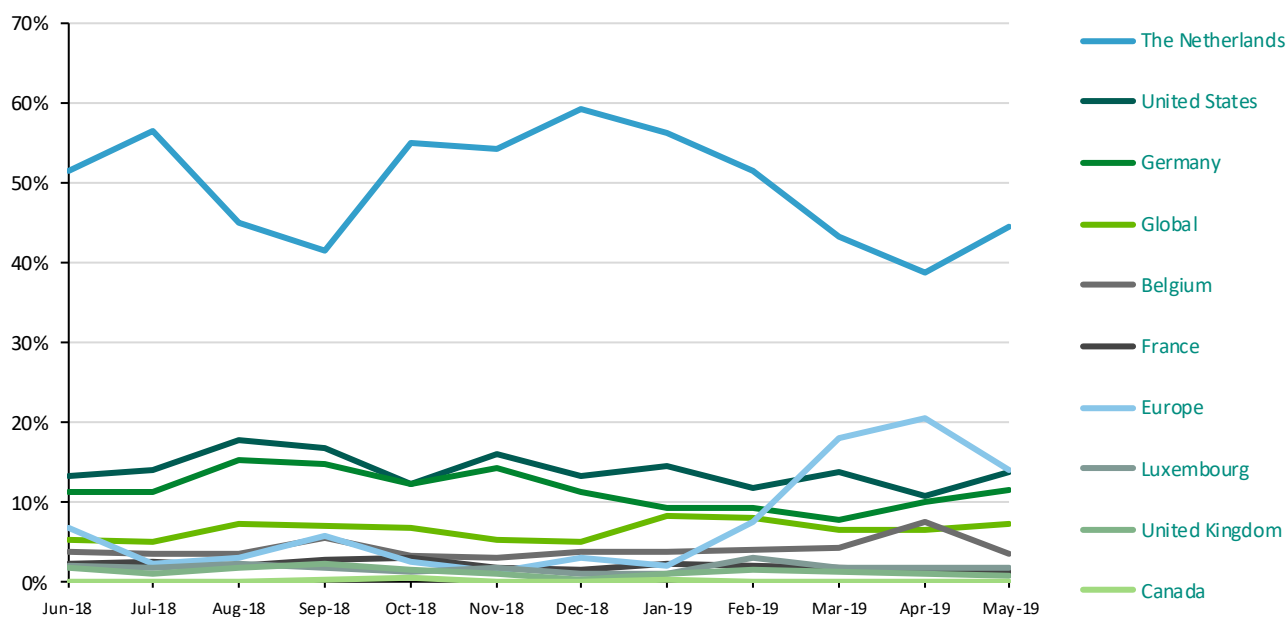
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

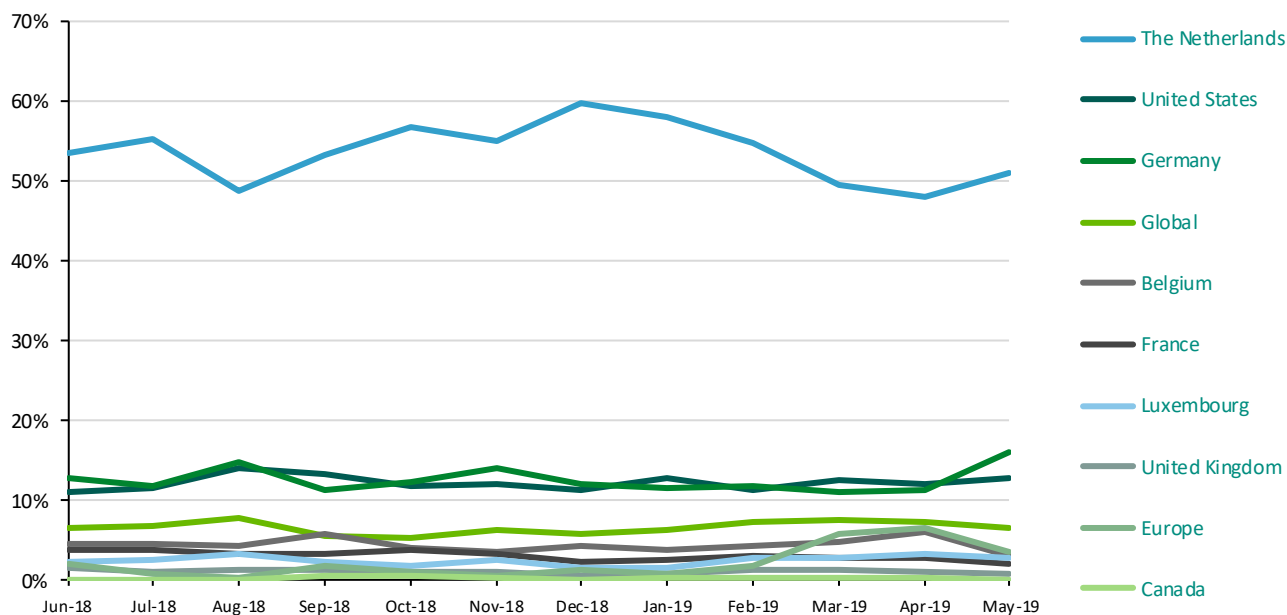
Market Trend: Value traded

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

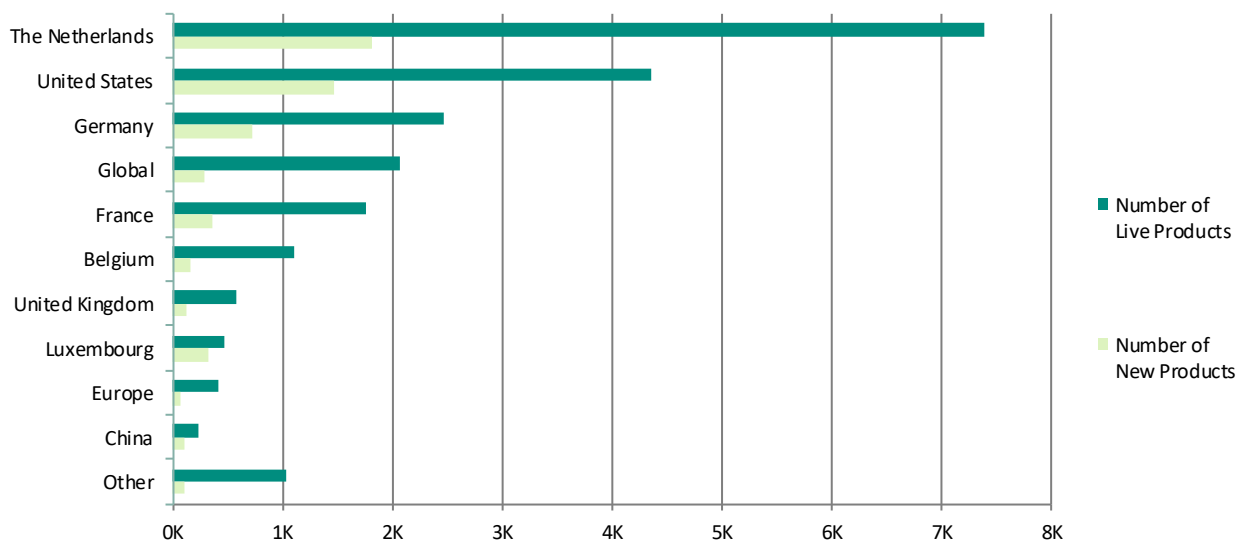
Product Overview

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	7,395	-1.0%	0.5%	33.8%	1,812	1.3%	6.6%	32.8%
United States	4,357	-0.8%	9.1%	19.9%	1,476	55%	24%	26.7%
Germany	2,469	1.2%	7.5%	11.3%	714	-6.9%	25%	12.9%
Global	2,066	-2.7%	-0.1%	9.4%	291	-29%	-19.7%	5.3%
France	1,762	-3.2%	1.4%	8.1%	360	-13.9%	-8.1%	6.5%
Belgium	1,111	-4.8%	5.2%	5.1%	158	-50%	-26%	2.9%
United Kingdom	570	-1.4%	3.8%	2.6%	125	60%	5.4%	2.3%
Luxembourg	462	1.9%	-8.2%	2.1%	316	34%	62%	5.7%
Europe	415	1.5%	1.2%	1.9%	62	51%	39%	1.1%
China	238	3.6%	35%	1.1%	97	4.3%	63%	1.8%
Other	1,023	-4.4%	-3.1%	4.7%	111	-37%	-36%	2.0%
Total	21,868	-1.3%	3.2%	100%	5,522	4.7%	9.8%	100%

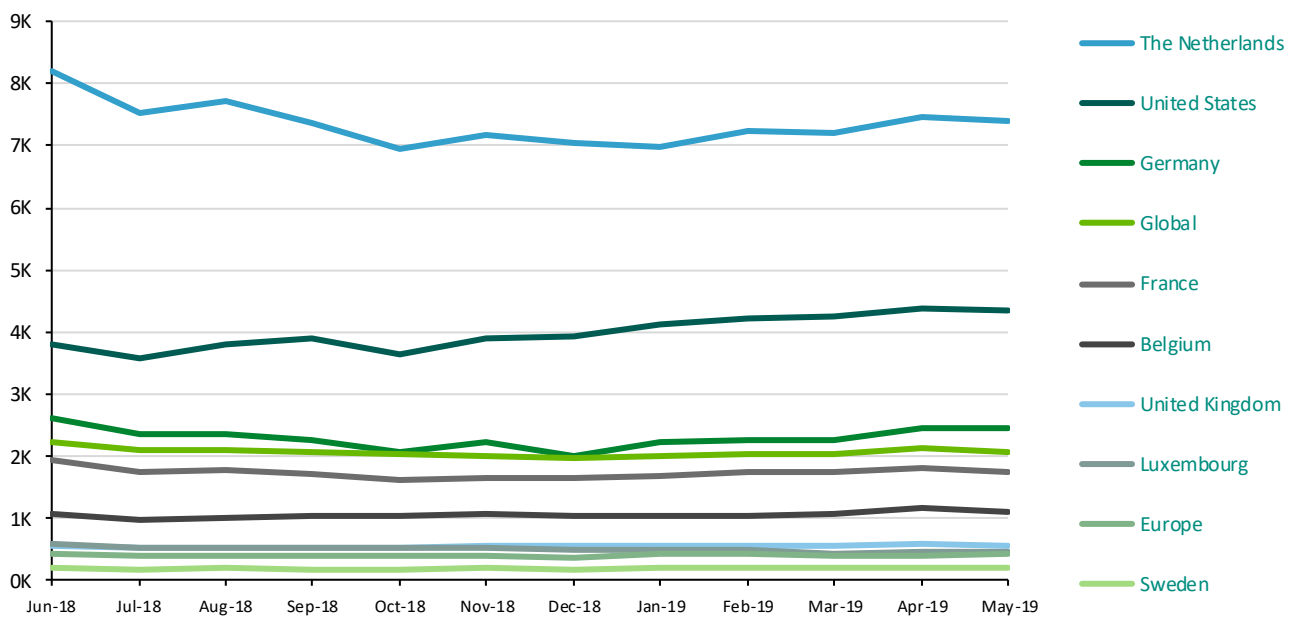
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

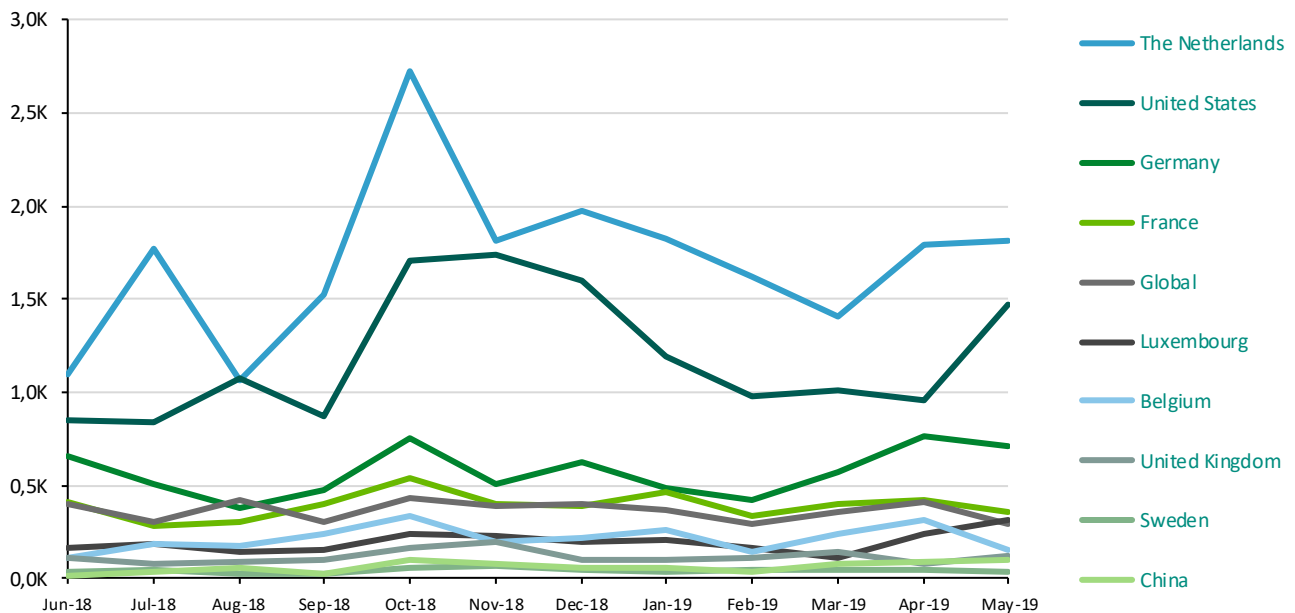
Product Trend: Number of Live Products

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

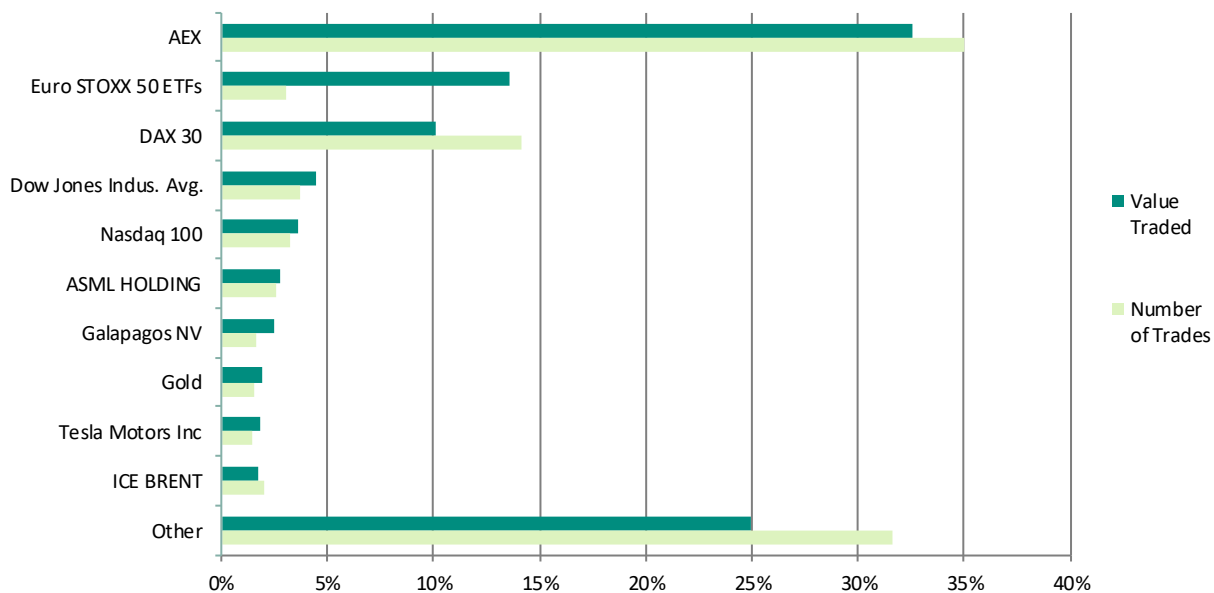
Market Overview

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	5,650	46%	-21%	32.6%	2,732	48.4%	8.3%	35.0%
Euro STOXX 50 ETFs	2,350	-36%	9.1%	13.5%	238	-44%	-71%	3.0%
DAX 30	1,751	12.0%	44%	10.1%	1,105	71%	709%	14.1%
Dow Jones Indus. Avg.	766	-30%	-27%	4.4%	288	-4.6%	54%	3.7%
Nasdaq 100	625	-18.4%	-8.8%	3.6%	251	17.3%	8.3%	3.2%
ASML HOLDING	487	-31%	-22%	2.8%	202	13.8%	9.4%	2.6%
Galapagos NV	428	-24%	-22%	2.5%	131	-34%	-35%	1.7%
Gold	332	-3.5%	-27%	1.9%	120	-40%	-32%	1.5%
Tesla Motors Inc	316	-5.4%	-27%	1.8%	116	19.6%	-37%	1.5%
ICE BRENT	307	7.0%	-18.6%	1.8%	158	47%	38%	2.0%
Other	4,335	-16.4%	-26%	25.0%	2,467	-5.8%	-4.9%	31.6%
Total	17,348	-5.8%	-15.6%	100%	7,808	14.3%	6.3%	100%

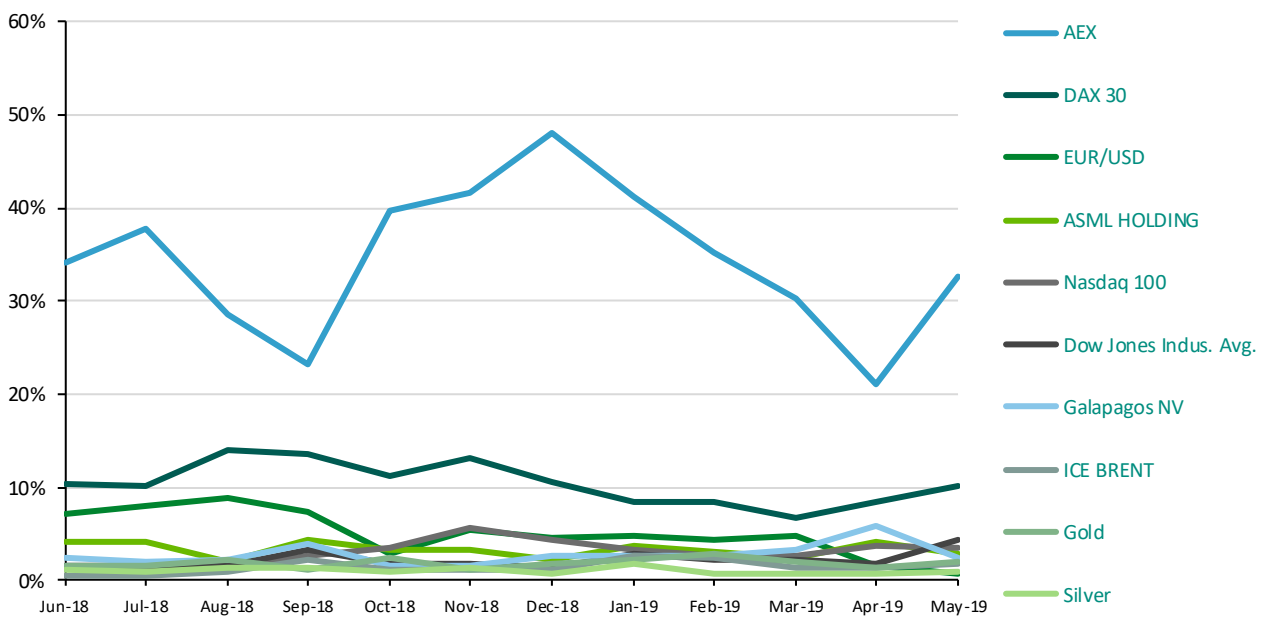
(Source Euronext)



TOP 10 UNDERLYINGS

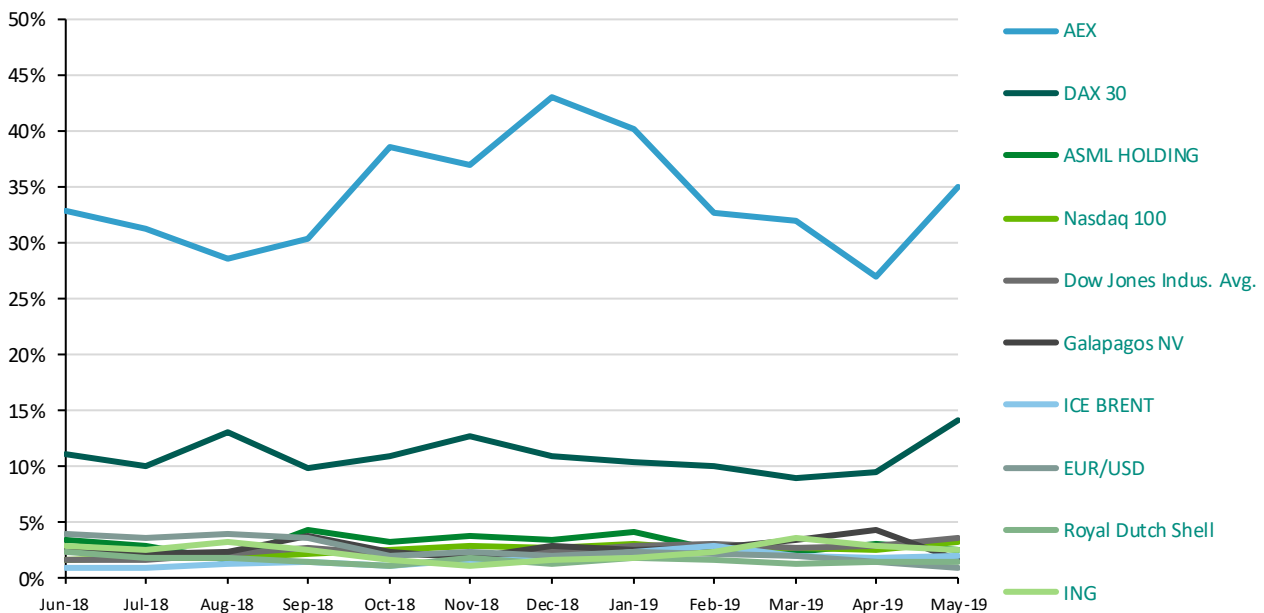
Market Trend: Value traded

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

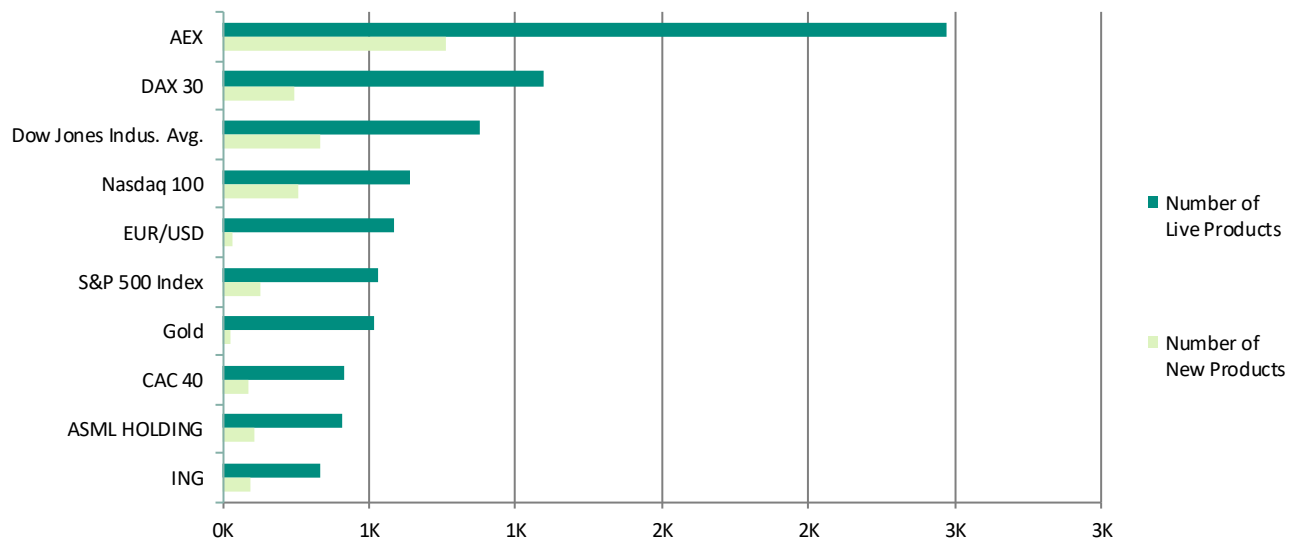
Product Overview

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	2,476	-0.2%	0.1%	11.3%	760	12.6%	20%	13.8%
DAX 30	1,095	0.4%	4.1%	5.0%	247	-38%	-23%	4.5%
Dow Jones Indus. Avg.	879	-2.0%	17.2%	4.0%	334	98%	34%	6.0%
Nasdaq 100	639	-0.3%	18.7%	2.9%	258	73%	31%	4.7%
EUR/USD	585	0.5%	-6.2%	2.7%	35	-62%	-67%	0.6%
S&P 500 Index	533	-2.7%	2.2%	2.4%	125	79%	34%	2.3%
Gold	513	-1.5%	-3.9%	2.3%	23	-49%	-61%	0.4%
CAC 40	415	-0.2%	-0.9%	1.9%	87	-13.9%	-13.4%	1.6%
ASML HOLDING	409	3.5%	8.4%	1.9%	104	-36%	-2.1%	1.9%
ING	330	0.5%	18.2%	1.5%	94	-19.7%	36%	1.7%
Other	13,994	-1.9%	2.7%	64.0%	3,455	4.8%	11.6%	62.6%
Total	21,868	-1.3%	3.2%	100%	5,522	4.7%	9.8%	100%

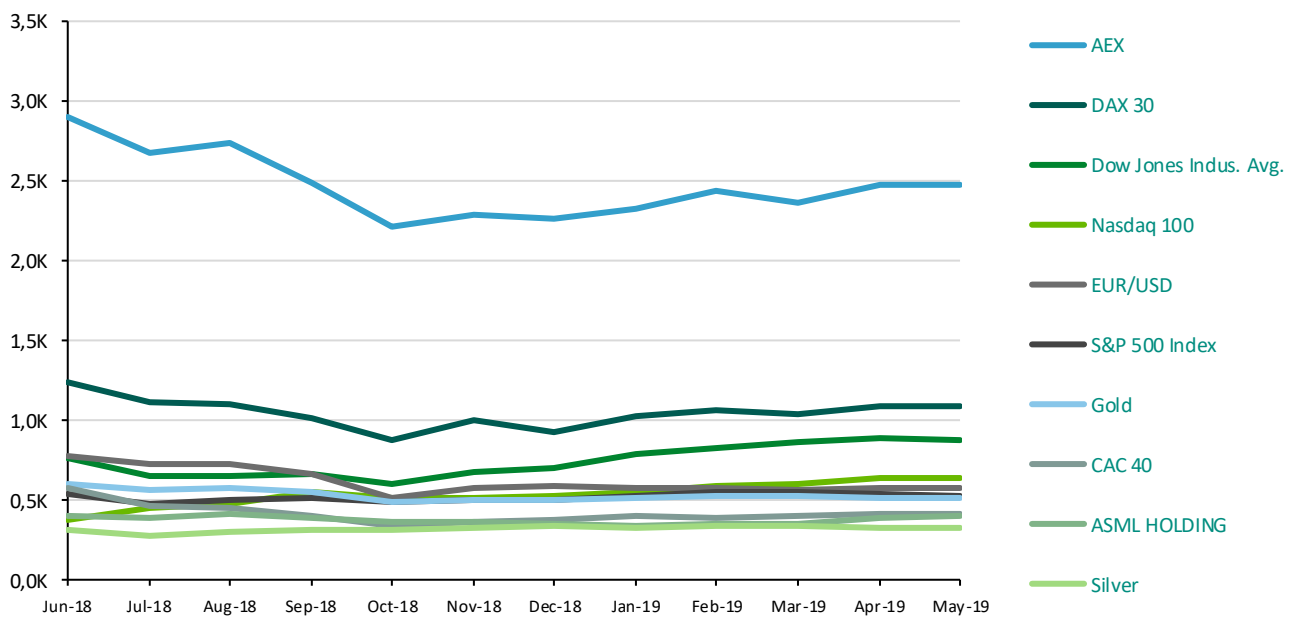
(Source Euronext)



TOP 10 UNDERLYINGS

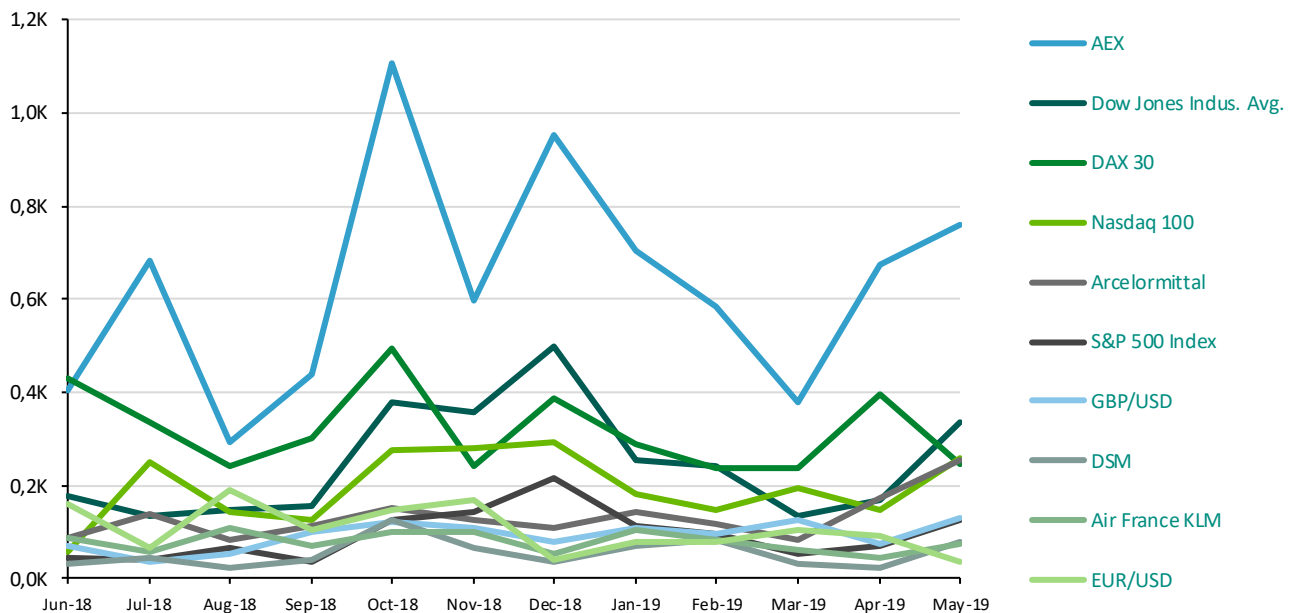
Product Trend: Number of Live Products

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
NL0013497589	ING	2100 Warrants	Euro STOXX 50 ETFs	33,344	2,344
NL0013497597	ING	2100 Warrants	Euro STOXX 50 ETFs	23,913	2,298
NL0013418072	ING	2100 Warrants	Euro STOXX 50 ETFs	11,835	1,080
NL0013418098	ING	2100 Warrants	Euro STOXX 50 ETFs	10,264	1,608
NL0013497605	ING	2100 Warrants	Euro STOXX 50 ETFs	9,686	1,114
DE000CP68CG9	Citi	2200 Knock-Out Warrants	AEX	7,685	20,458
NL0013418080	ING	2100 Warrants	Euro STOXX 50 ETFs	7,331	982
NL0012903959	Goldman Sachs	2205 Open-End Knock-Out Warrants	AEX	6,988	2,054
NL0013564701	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	6,195	556
NL0013376437	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	5,721	1,148
NL0012203913	Goldman Sachs	2205 Open-End Knock-Out Warrants	AEX	5,523	11,496
DE000CU1BV67	Commerzbank	2210 Mini-Futures	DAX 30	5,243	134
NL0012677405	BNP Paribas	2205 Open-End Knock-Out Warrants	Nasdaq 100	4,590	776
NL0013441017	Goldman Sachs	2210 Mini-Futures	AEX	4,239	40
NL0013358070	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	4,136	598
NL0013374705	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	3,961	13,358
NL0012682512	BNP Paribas	2210 Mini-Futures	VIX Futures	3,715	638
NL0013325319	ING	2100 Warrants	Euro STOXX 50 ETFs	3,658	454
NL0012691901	BNP Paribas	2210 Mini-Futures	Silver	3,620	66
DE000CU1C5X6	Commerzbank	2205 Open-End Knock-Out Warrants	DAX 30	3,615	764
NL0013362783	BNP Paribas	2205 Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	3,545	1,834
NL0013285034	BNP Paribas	2210 Mini-Futures	S&P 500 Index	3,503	40
NL0013371818	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	3,412	338
NL0013286701	BNP Paribas	2210 Mini-Futures	AEX	3,372	58
NL0013371800	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	3,207	366
NL0013372352	BNP Paribas	2210 Mini-Futures	AEX	2,966	474
NL0013376429	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	2,931	1,656
NL0013210701	ING	2205 Open-End Knock-Out Warrants	ICE BRENT	2,783	1,138
NL0013357486	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	2,775	600
NL0013374689	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	2,759	1,376
NL0013354558	BNP Paribas	2205 Open-End Knock-Out Warrants	Nasdaq 100	2,732	520
NL0013275977	BNP Paribas	2210 Mini-Futures	Gold	2,730	334
DE000CE6E929	Commerzbank	2210 Mini-Futures	Galapagos NV	2,721	692
NL0013374036	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	2,719	1,410
NL0011627864	ING	2210 Mini-Futures	BE Semiconductor Industries	2,718	72
NL0013295165	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	2,700	146
NL0012277610	BNP Paribas	2210 Mini-Futures	ASML HOLDING	2,668	72
NL0013357080	BNP Paribas	2210 Mini-Futures	AEX	2,564	436
DE000CP68M87	Citi	2205 Open-End Knock-Out Warrants	AEX	2,520	500
NL0013360159	BNP Paribas	2205 Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	2,460	318
NL0013371784	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	2,459	300
NL0013375116	BNP Paribas	2205 Open-End Knock-Out Warrants	ASML HOLDING	2,410	394
NL0013359425	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	2,388	222
DE000CY515G3	Citi	2205 Open-End Knock-Out Warrants	AEX	2,337	658
NL0013276678	BNP Paribas	2205 Open-End Knock-Out Warrants	Gold	2,274	810
NL0012988448	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	2,268	876
NL0013368350	BNP Paribas	2205 Open-End Knock-Out Warrants	Royal Dutch Shell	2,238	1,042
DE000VF5H219	Vontobel	2205 Open-End Knock-Out Warrants	AEX	2,213	912
NL0013354160	BNP Paribas	2210 Mini-Futures	Nasdaq 100	2,180	110
NL0013441983	Goldman Sachs	2205 Open-End Knock-Out Warrants	AEX	2,158	312

(Source Euronext)



Euronext Brussels

ISSUERS

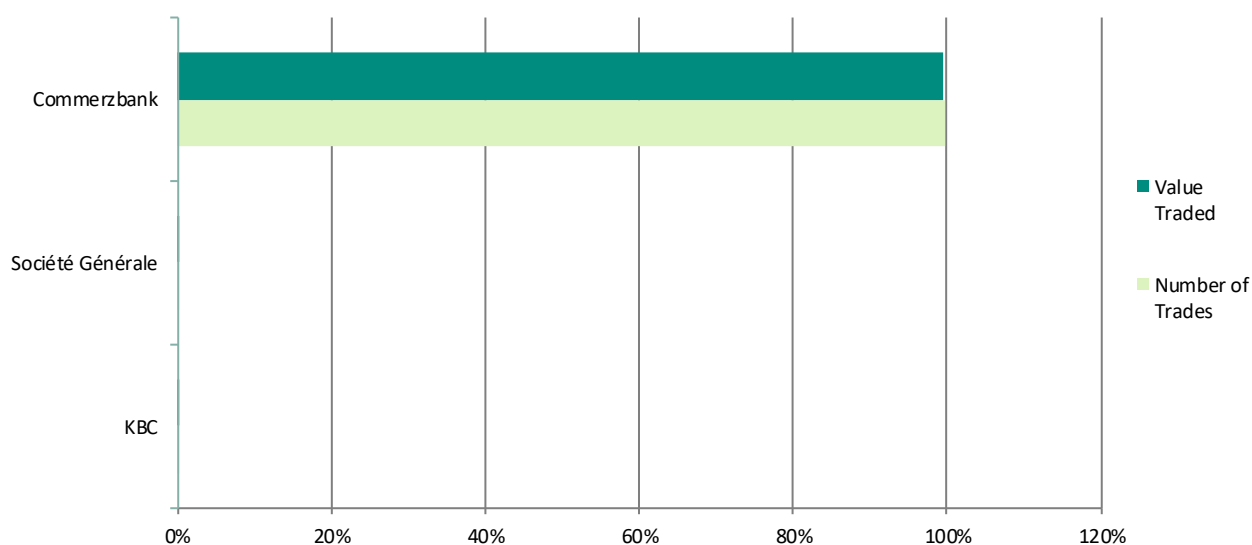
Market Overview

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	371	-15.9%	-24%	99.5%	221	-34.8%	-7.0%	99.8%
Société Générale	1	-83%	-99%	0.3%	0.3	-39.4%	-74.1%	0.1%
KBC	1		23%	0.2%	0.1		65.6%	0.1%
Total	373	-16.8%	-34.4%	100%	221	-34.8%	-7.3%	100%

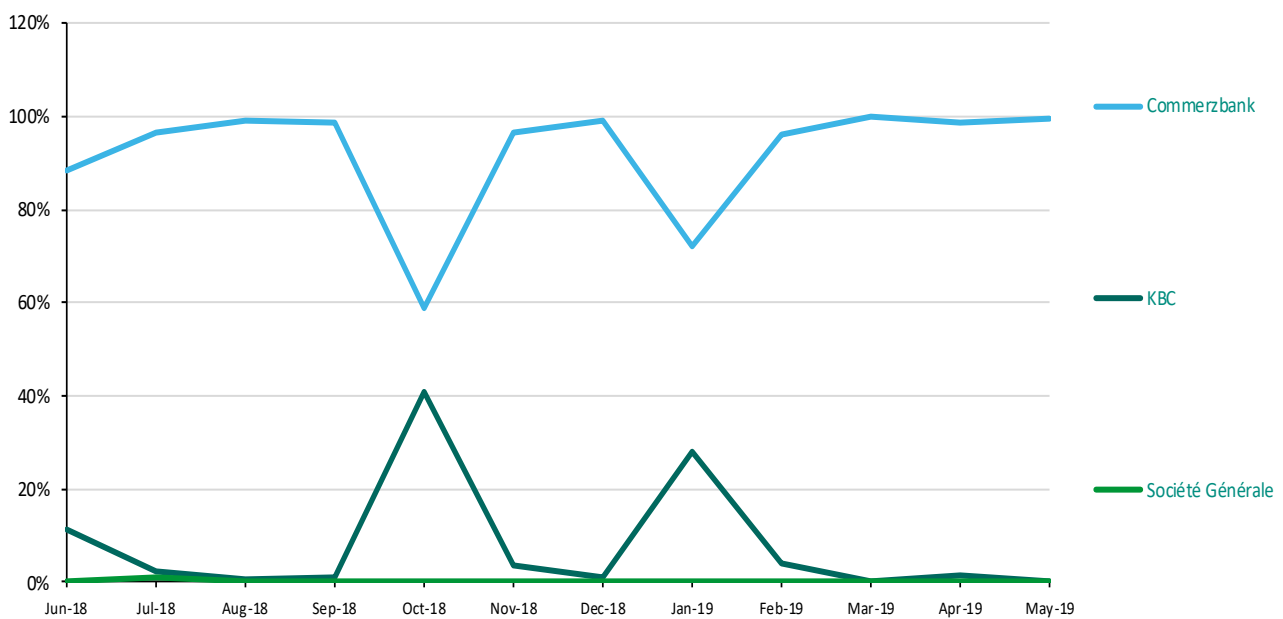
(Source Euronext)



ISSUERS

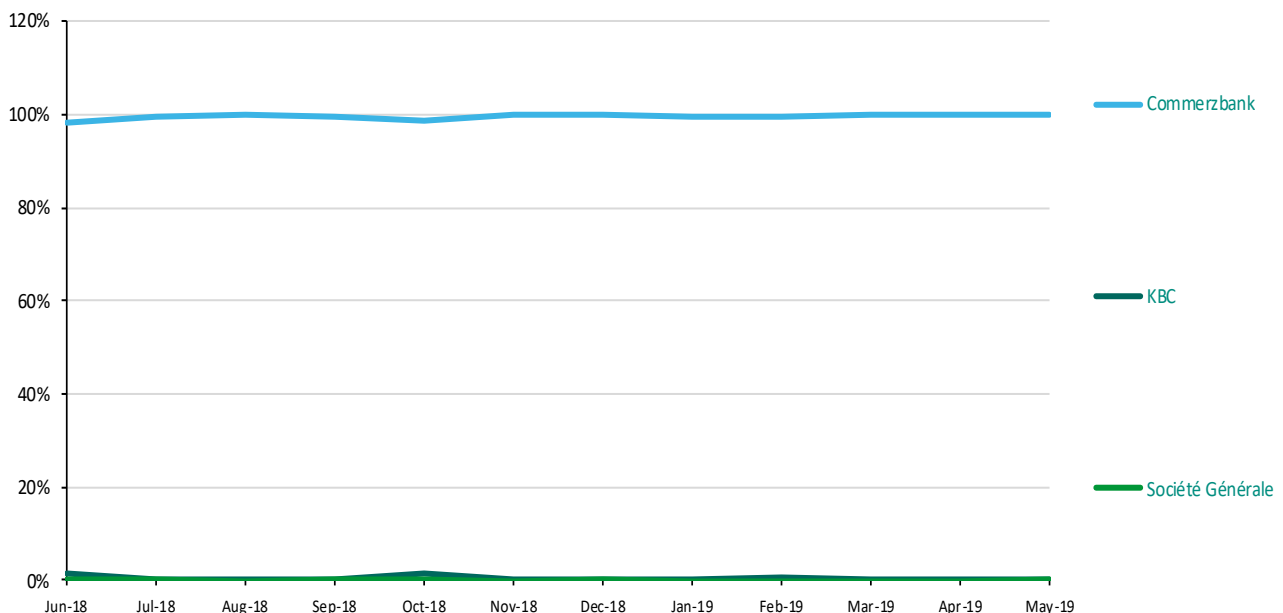
Market Trend: Value traded

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

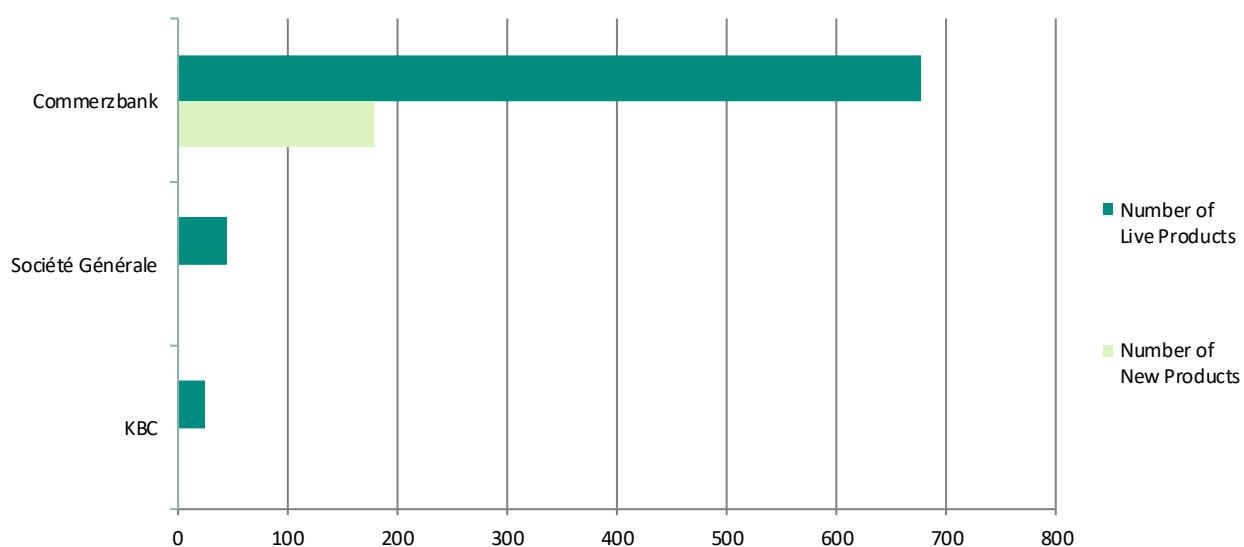
Product Overview

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	677	-2.3%	-13.6%	90.7%	180	-1.6%	-18.0%	99.4%
Société Générale	45	0.0%	-6.1%	6.0%	0			0.0%
KBC	24	-4.1%	3.0%	3.3%	1	0.0%	-48%	0.6%
Total	747	-2.2%	-12.7%	100%	181	-1.6%	-18.3%	100%

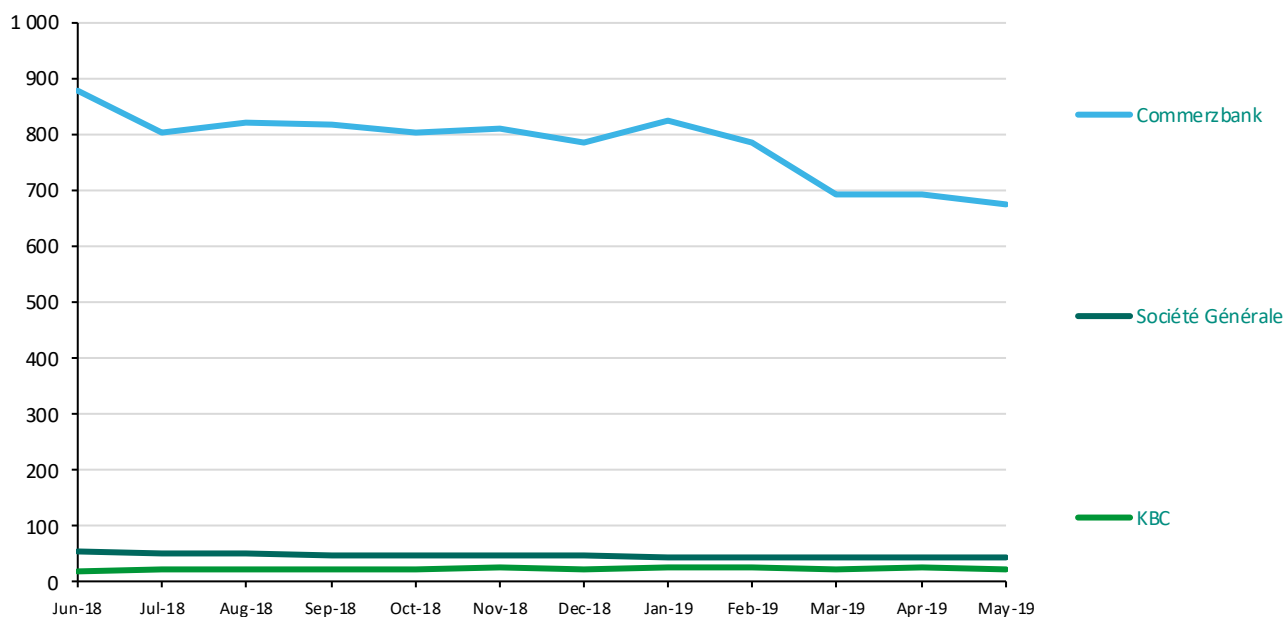
(Source Euronext)



ISSUERS

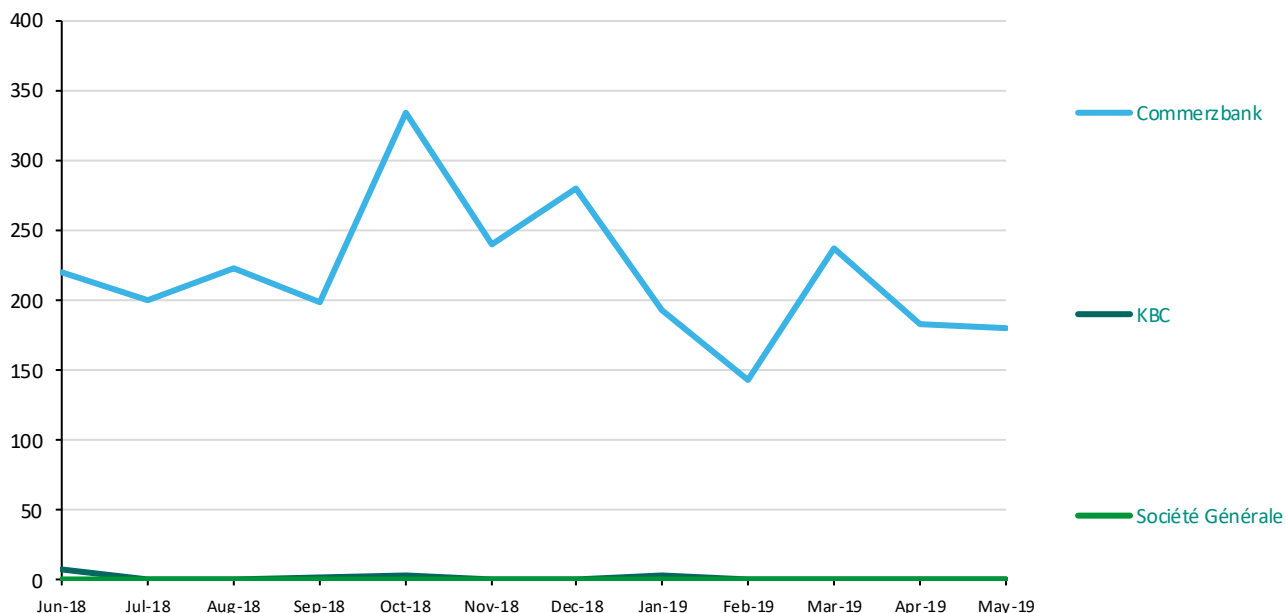
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer 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)

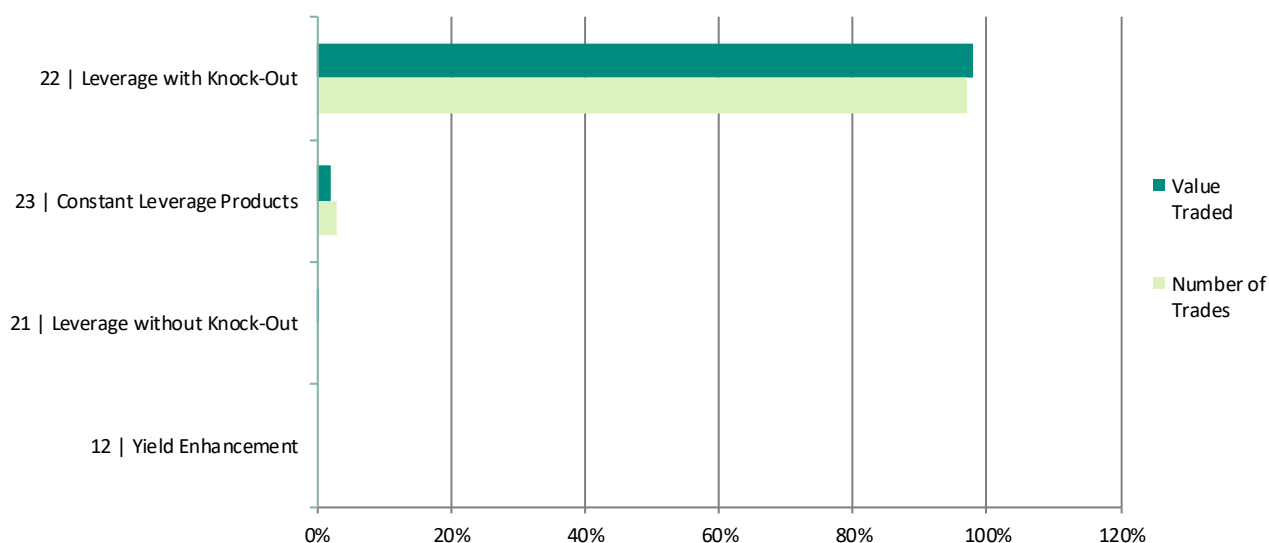
Market Overview

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	365	-17.0%	-24%	97.8%	215	-36.1%	-7.7%	97.1%
23 Constant Leverage Products	7	7.4%	-89%	1.9%	6.3	NA	NA	2.8%
21 Leverage without Knock-Out	1	-57%	-92%	0.2%	0.1	-94.9%	-83.2%	0.1%
12 Yield Enhancement	0		-100%	0.0%	0.0		-100.0%	0.0%
Total	373	-16.8%	-34.4%	100%	221	-34.8%	-7.3%	100%

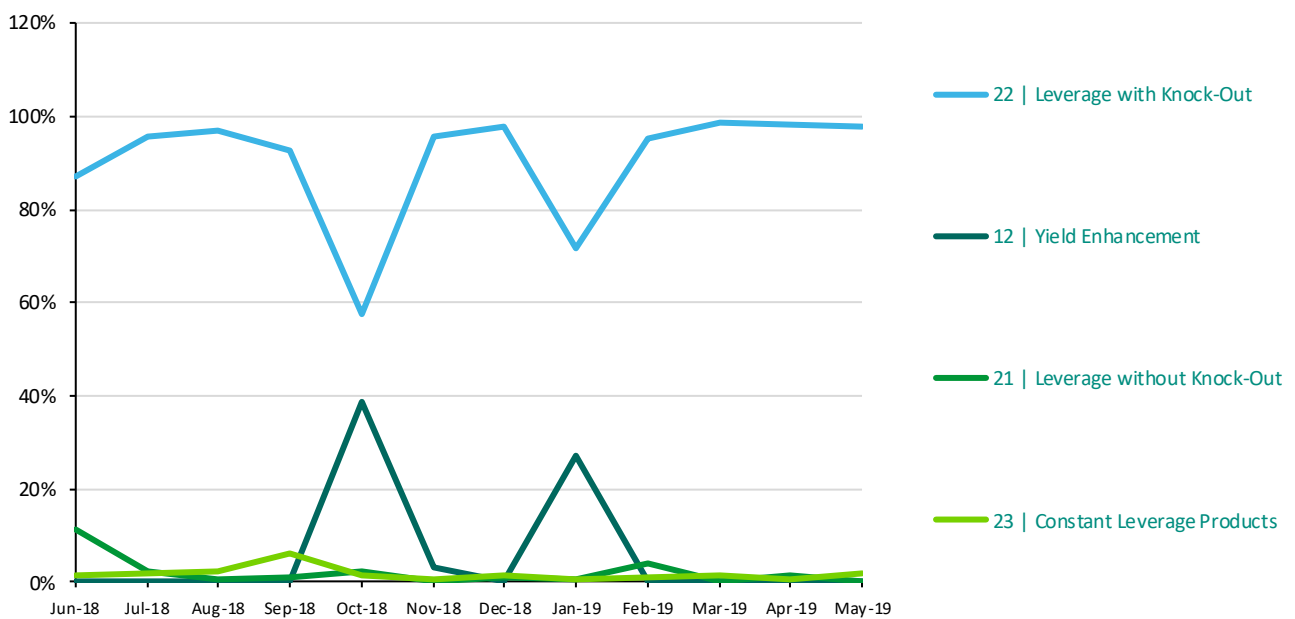
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

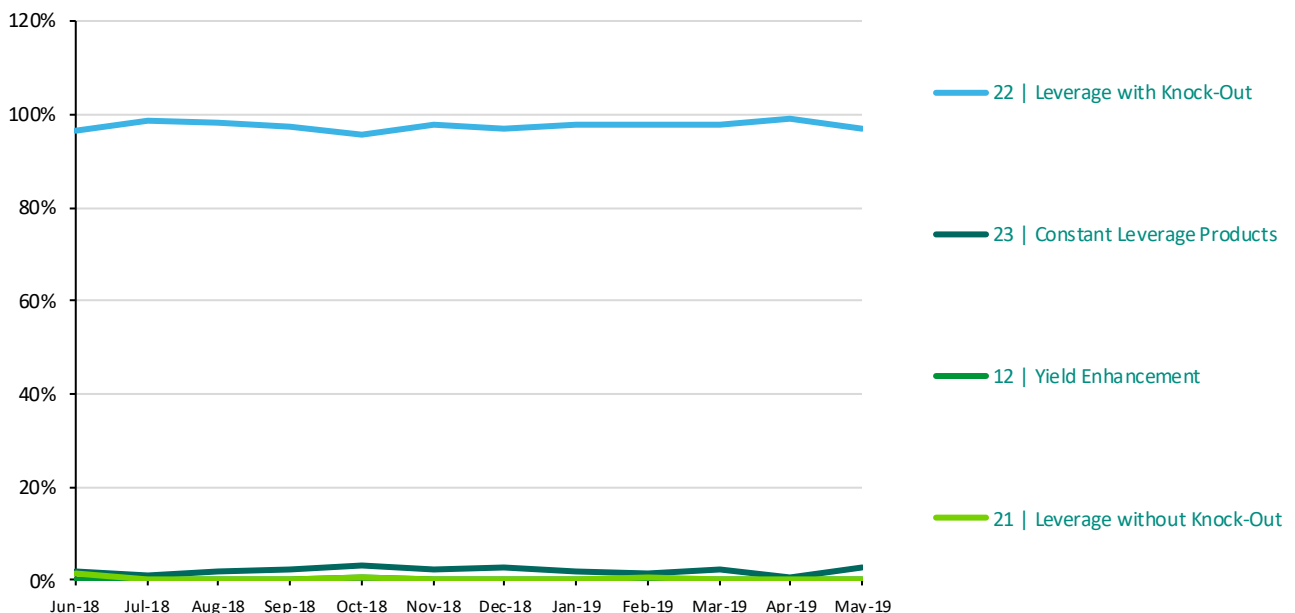
Market Trend: Value traded

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)

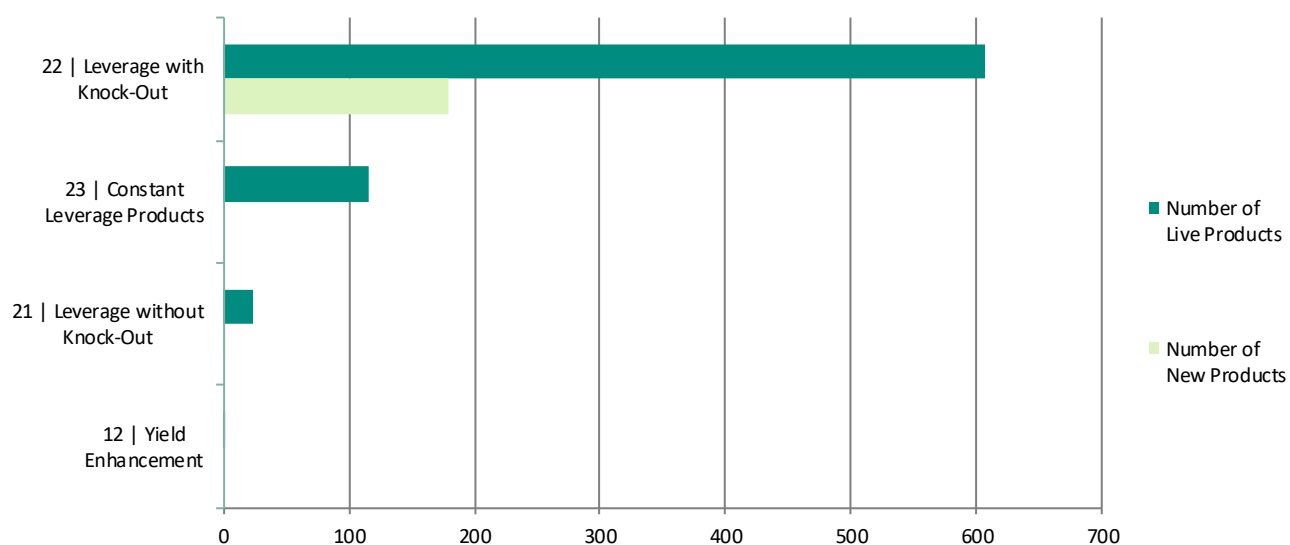
Product Overview

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	607	-0.7%	-15.1%	81.3%	180	13.9%	-16.1%	99.4%
23 Constant Leverage Products	115	-8.9%	-1.4%	15.4%	0	-100%	-100%	0.0%
21 Leverage without Knock-Out	23	-2.5%	-0.2%	3.1%	1	0.0%	-40%	0.6%
12 Yield Enhancement	2	-22%	27%	0.2%	0		-100%	0.0%
Total	747	-2.2%	-12.7%	100%	181	-1.6%	-18.3%	100%

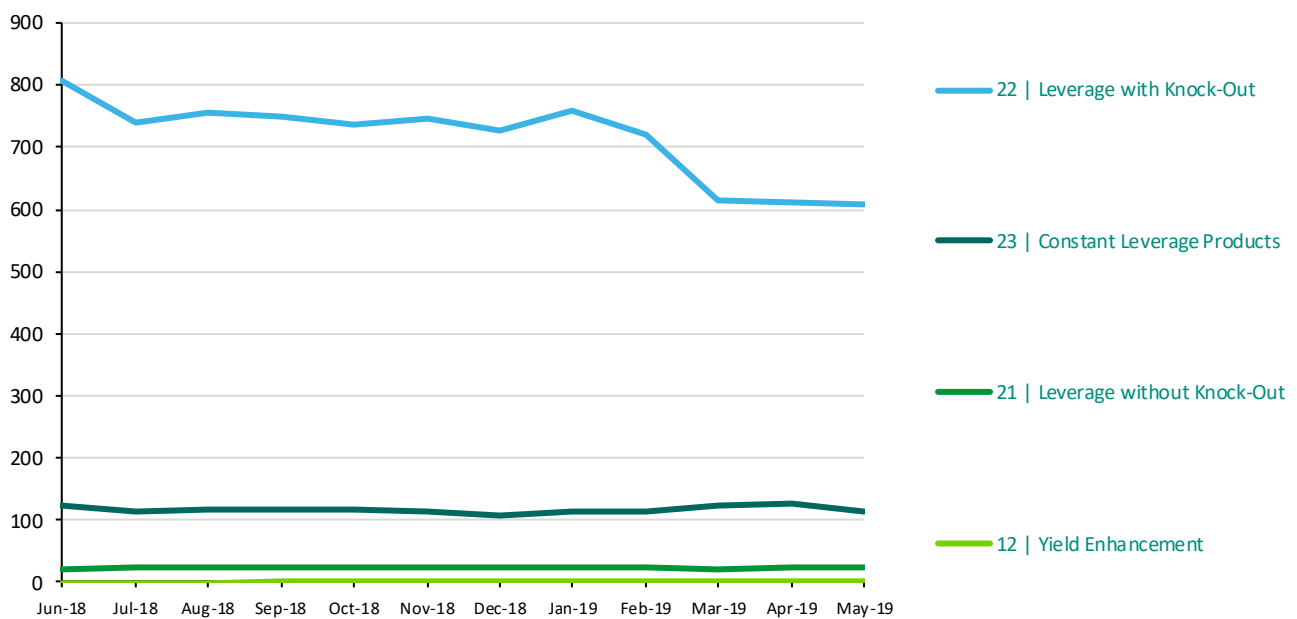
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

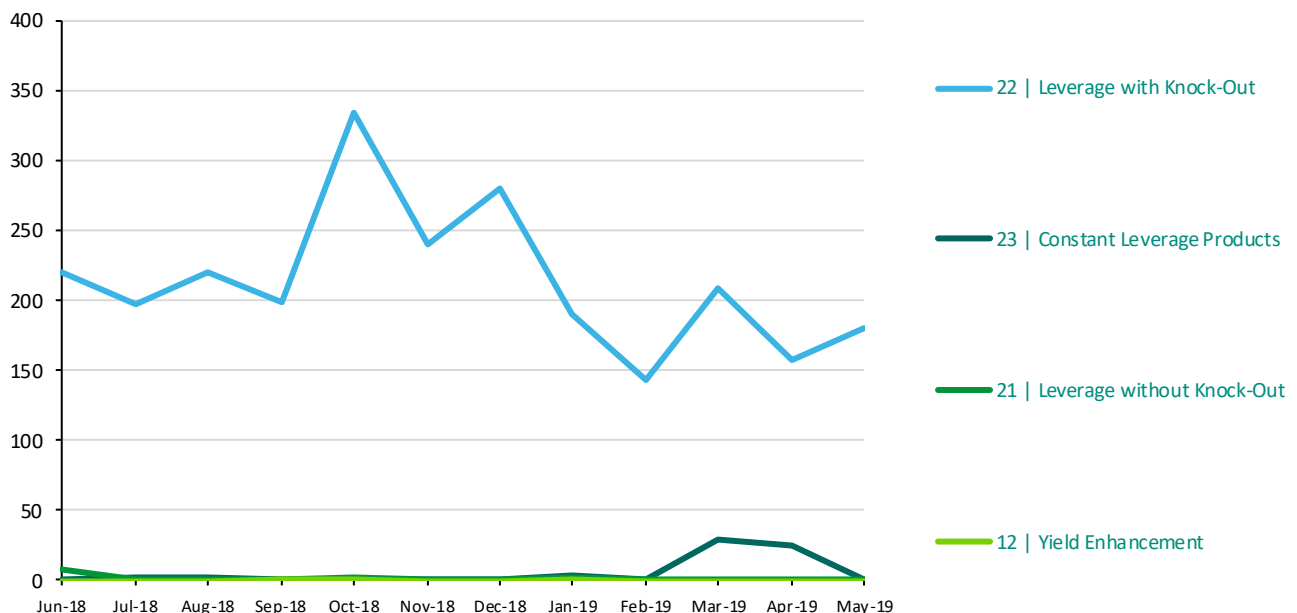
Product Trend: Number of Live Products

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)

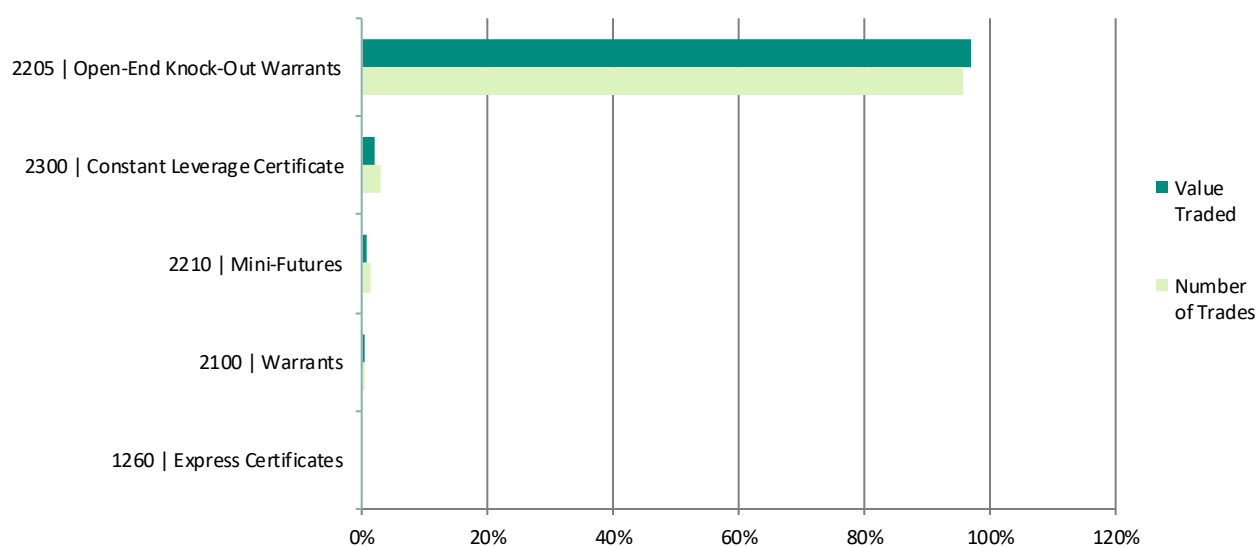
Market Overview

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	362	-16.9%	-24%	97.0%	212	-35.5%	-7.1%	95.7%
2300 Constant Leverage Certificate	7	7.4%	-89%	1.9%	6.3	NA	NA	2.8%
2210 Mini-Futures	3	-27%	-71%	0.8%	3.1	-59%	281%	1.4%
2100 Warrants	1	-57%	-91%	0.2%	0.1	-95%	-97%	0.1%
1260 Express Certificates	0		-100%	0.0%	0.0		-100%	0.0%
Total	373	-16.8%	-34.4%	100%	221	-34.8%	-7.3%	100%

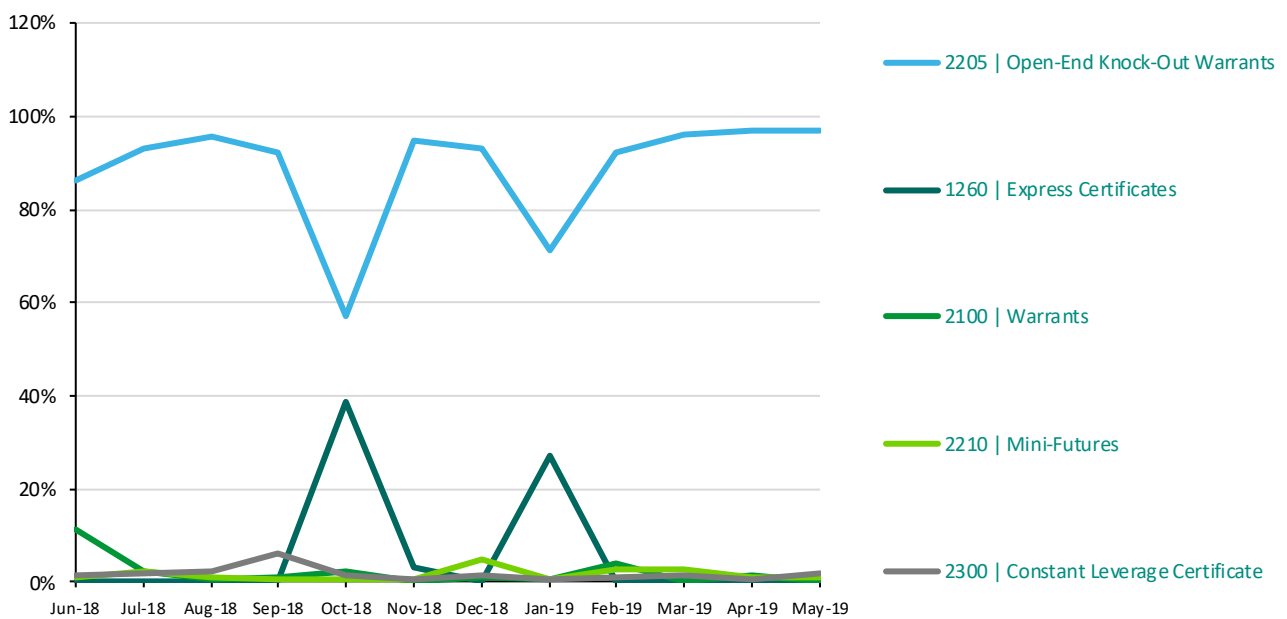
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

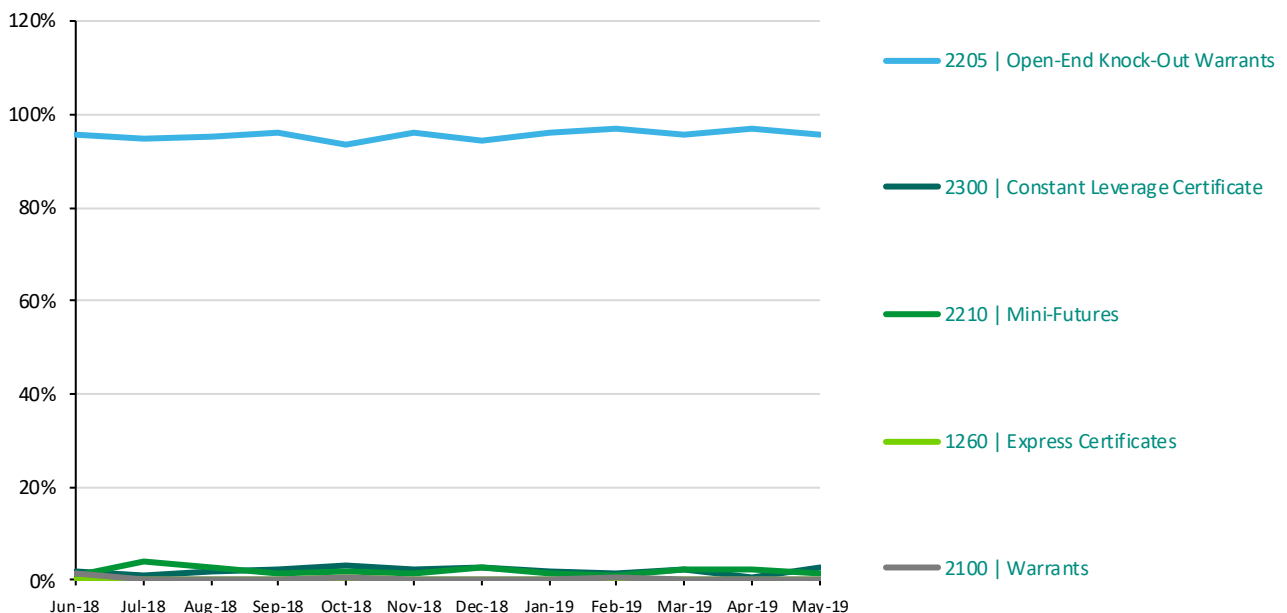
Market Trend: Value traded

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)

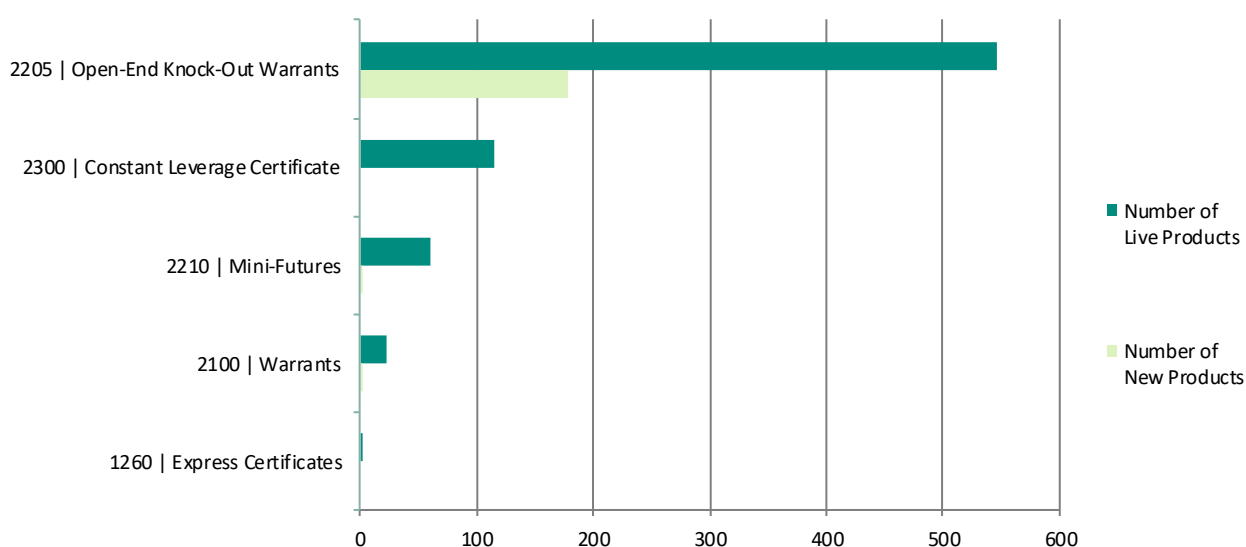
Product Overview

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	547	-0.5%	-12.8%	73.3%	179	14.7%	-15.0%	98.9%
2300 Constant Leverage Certificate	115	-8.9%	-1.4%	15.4%	0	-100%	-100%	0.0%
2210 Mini-Futures	60	-2.9%	-31%	8.1%	1	-50%	-75%	0.6%
2100 Warrants	23	-2.5%	-0.2%	3.1%	1	0.0%	-40%	0.6%
1260 Express Certificates	2	-22%	27%	0.2%	0		-100%	0.0%
Total	747	-2.2%	-12.7%	100%	181	-1.6%	-18.3%	100%

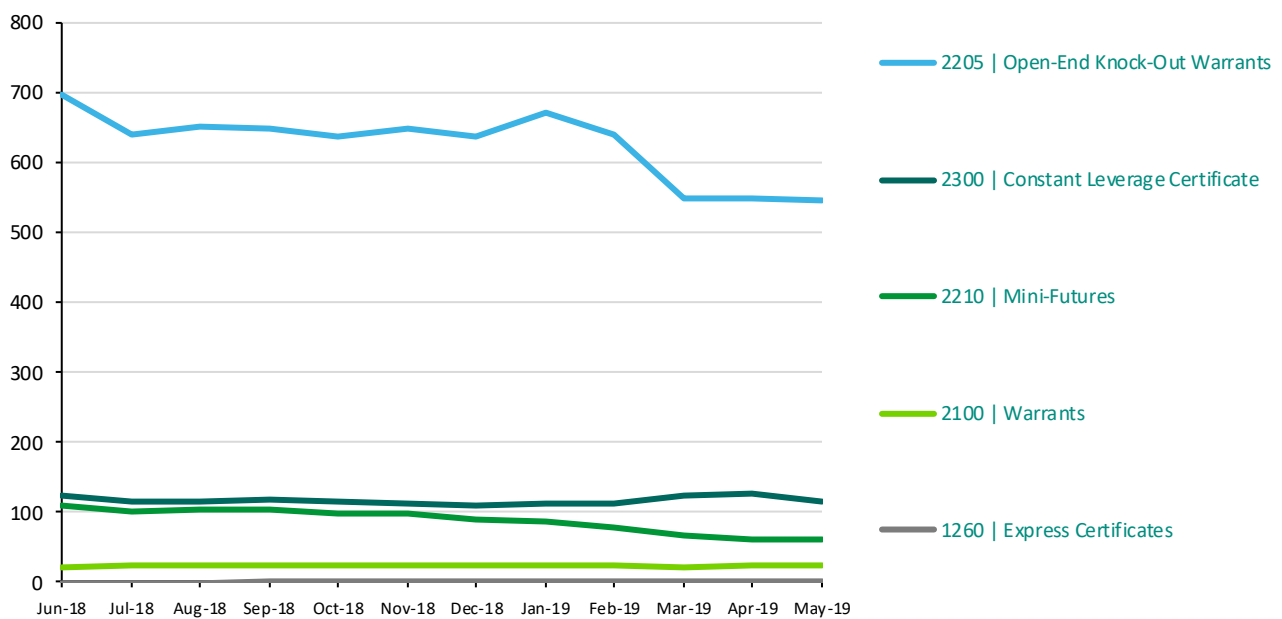
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

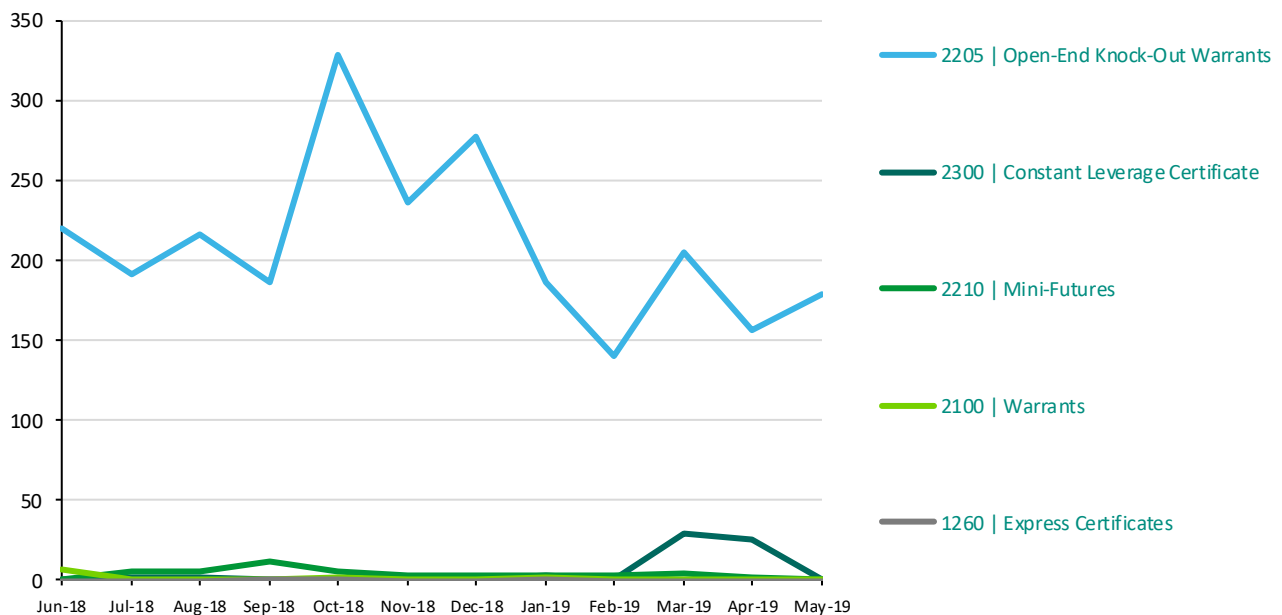
Product Trend: Number of Live Products

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

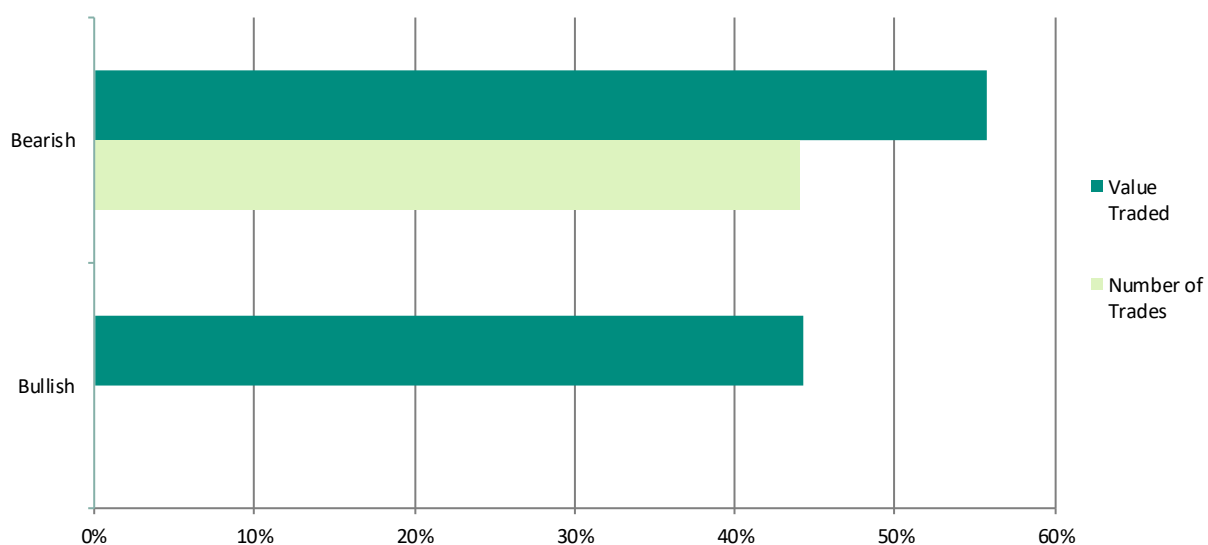
Market Overview

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
Bearish	208	-21%	-47%	55.7%	97	-34.4%	-34.8%	44.0%
Bullish	165	-11.0%	-7.9%	44.3%	0.0	-100%	-100%	0.0%
Total	373	-16.8%	-34.4%	100%	221	-34.8%	-7.3%	100%

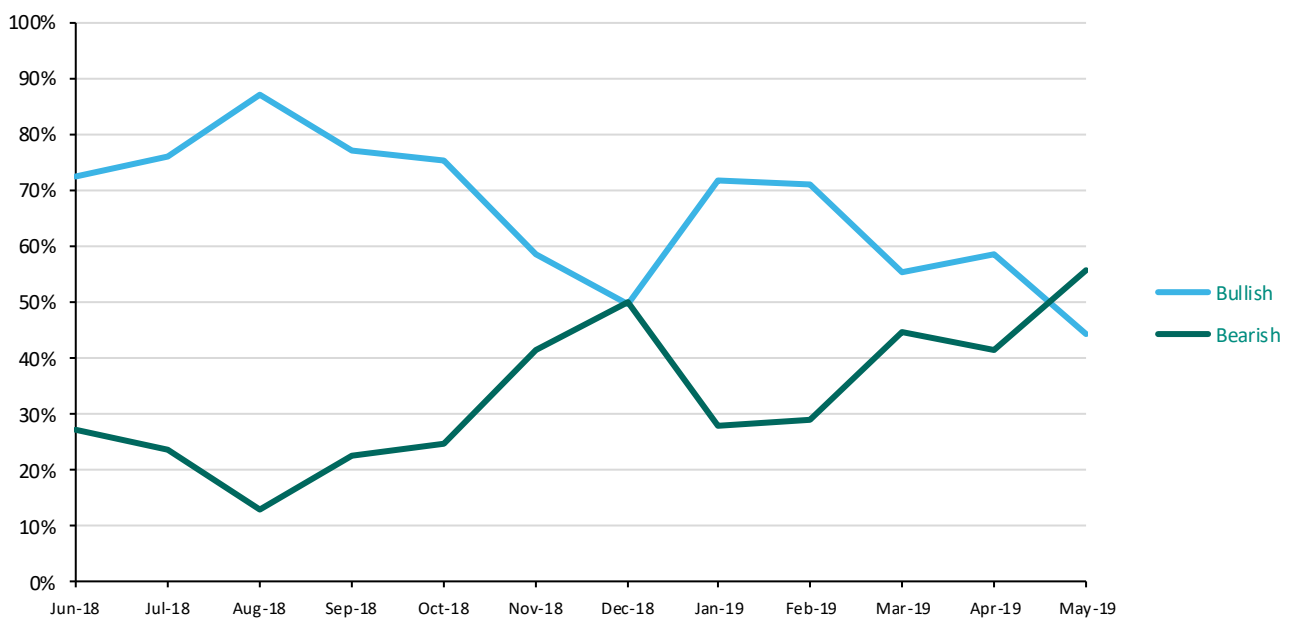
(Source Euronext)



PRODUCT STRATEGIES

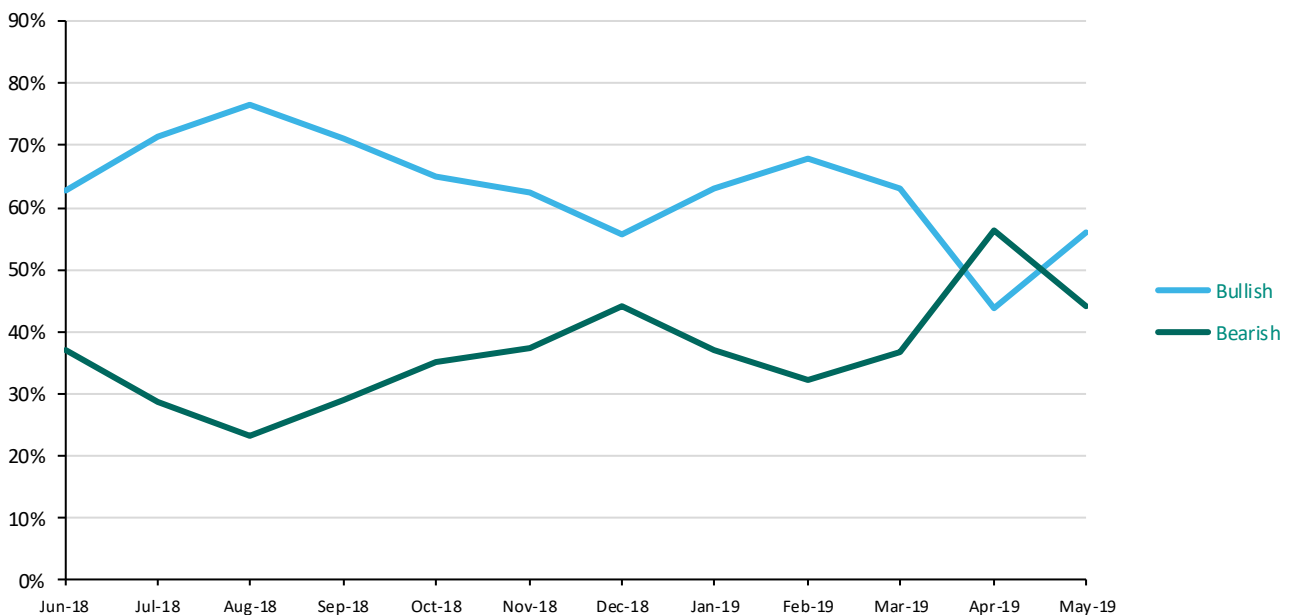
Market Trend: Value traded

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

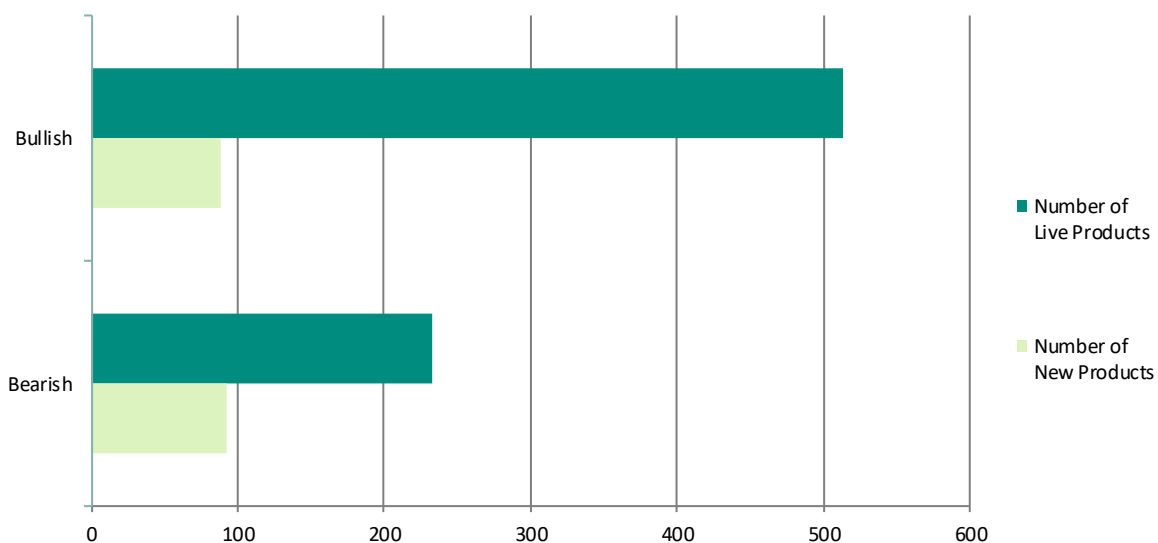
Product Overview

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	514	-5.7%	-7.9%	68.8%	88	-17.8%	-30%	48.6%
Bearish	233	6.6%	-22%	31.2%	93	21%	-2.4%	51.4%
Total	747	-2.2%	-12.7%	100%	181	-1.6%	-18.3%	100%

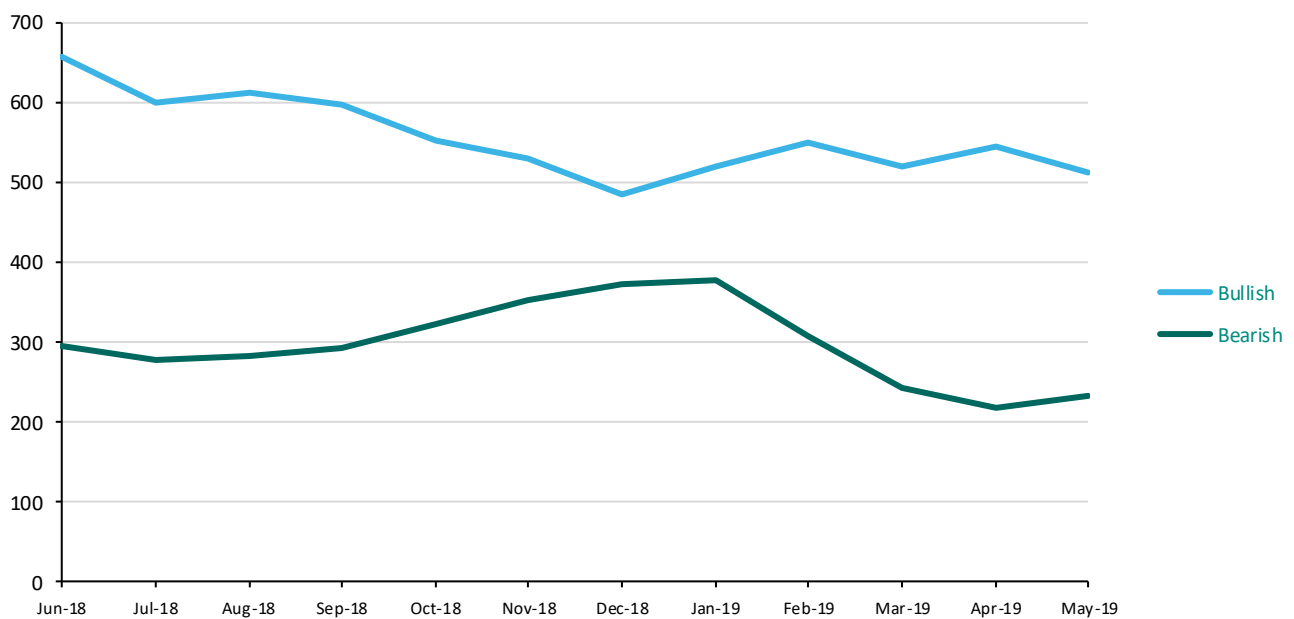
(Source Euronext)



PRODUCT STRATEGIES

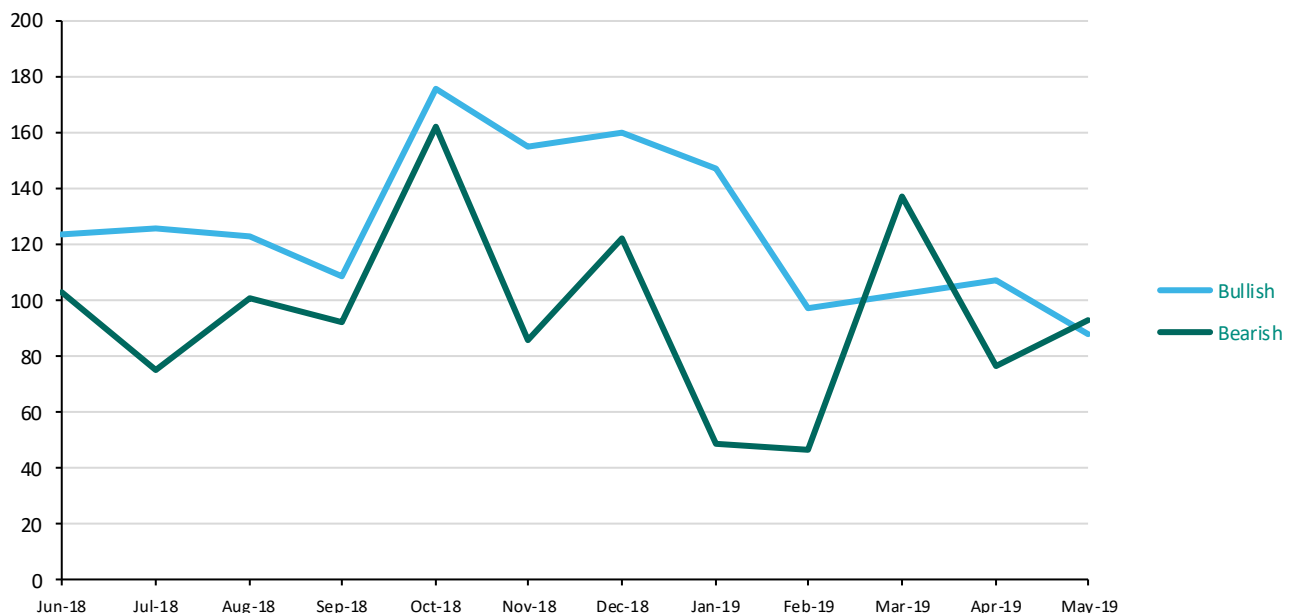
Product Trend: Number of Live Products

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

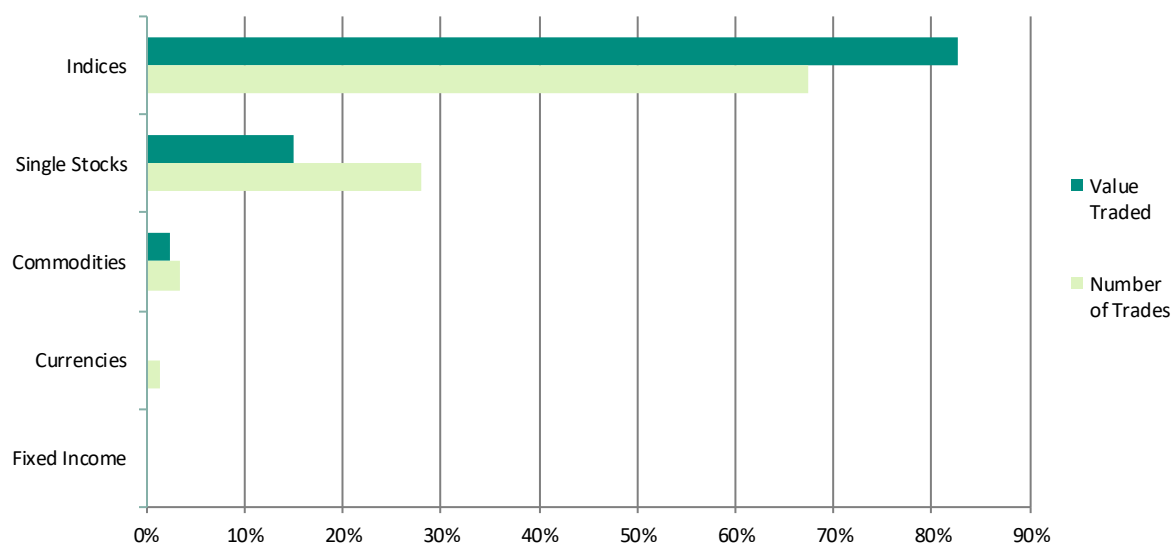
Market Overview

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	308	-12.6%	-24%	82.6%	149	-42.7%	2.1%	67.3%
Single Stocks	56	-38%	-49%	15.0%	62	-11.3%	-19.2%	27.9%
Commodities	9	97%	-83%	2.3%	7.7	39.7%	-41.1%	3.5%
Currencies	0	-62%	-91%	0.1%	2.8	-31.3%	-12.9%	1.3%
Fixed Income	0		-100%	0.0%	0.0		-100.0%	0.0%
Total	373	-16.8%	-34.4%	100%	221	-34.8%	-7.3%	100%

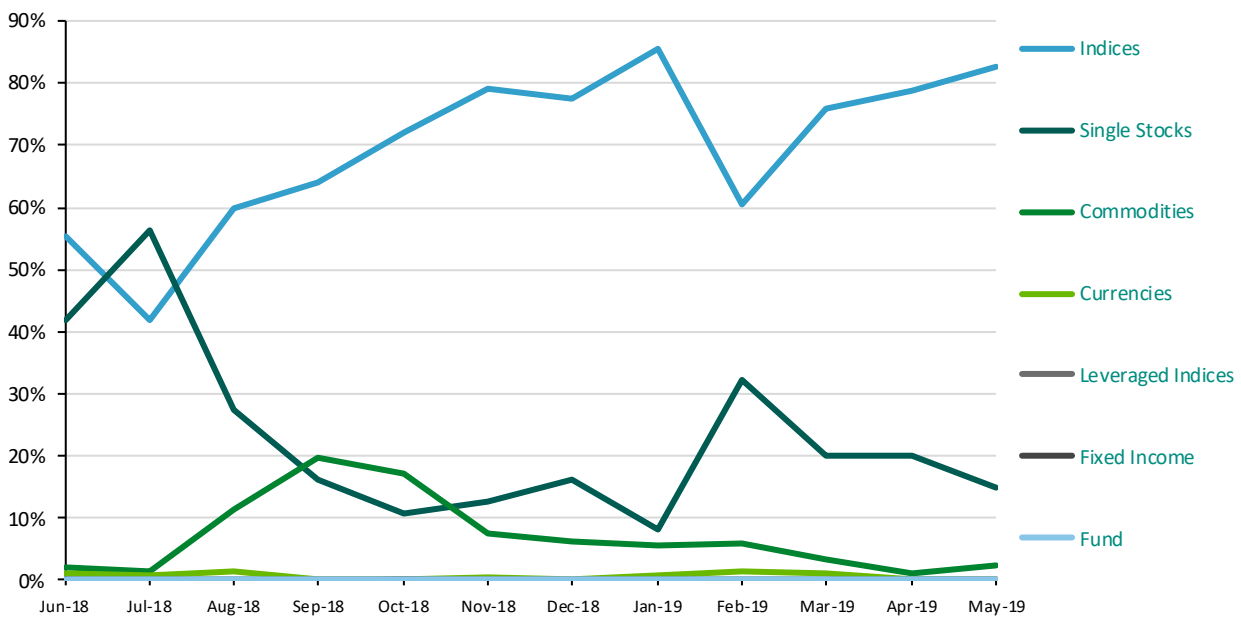
(Source Euronext)



UNDERLYING TYPES

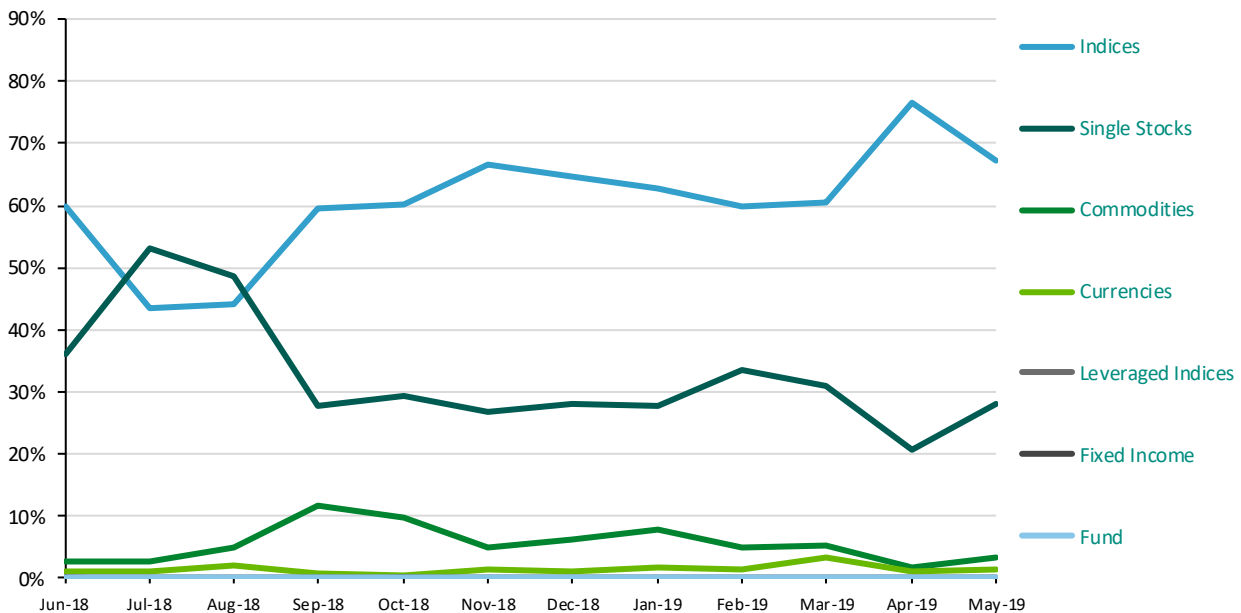
Market Trend: Value traded

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

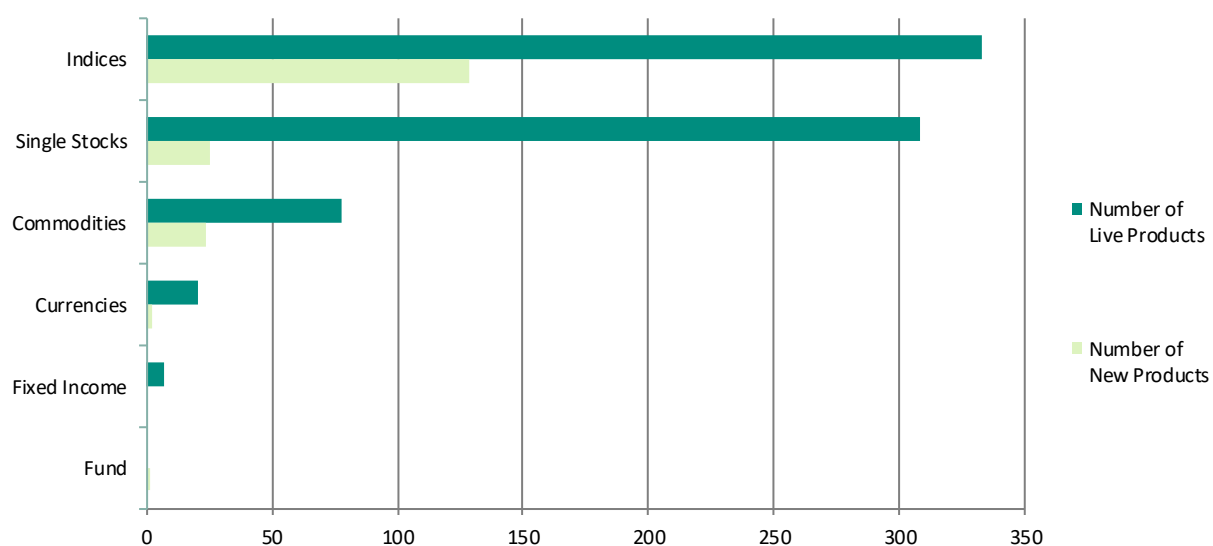
Product Overview

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	333	-0.2%	-11.3%	44.6%	129	22%	-7.6%	71.3%
Single Stocks	308	-5.3%	-12.6%	41.3%	25	-42%	-43%	13.8%
Commodities	78	-0.3%	-15.0%	10.4%	24	-20.0%	-23%	13.3%
Currencies	21	6.7%	-28%	2.8%	2	-50%	-64%	1.1%
Fixed Income	7	0.0%	0.0%	0.9%	0			0.0%
Fund	0		-100%	0.0%	1	0.0%	0.0%	0.6%
Total	747	-2.2%	-12.7%	100%	181	-1.6%	-18.3%	100%

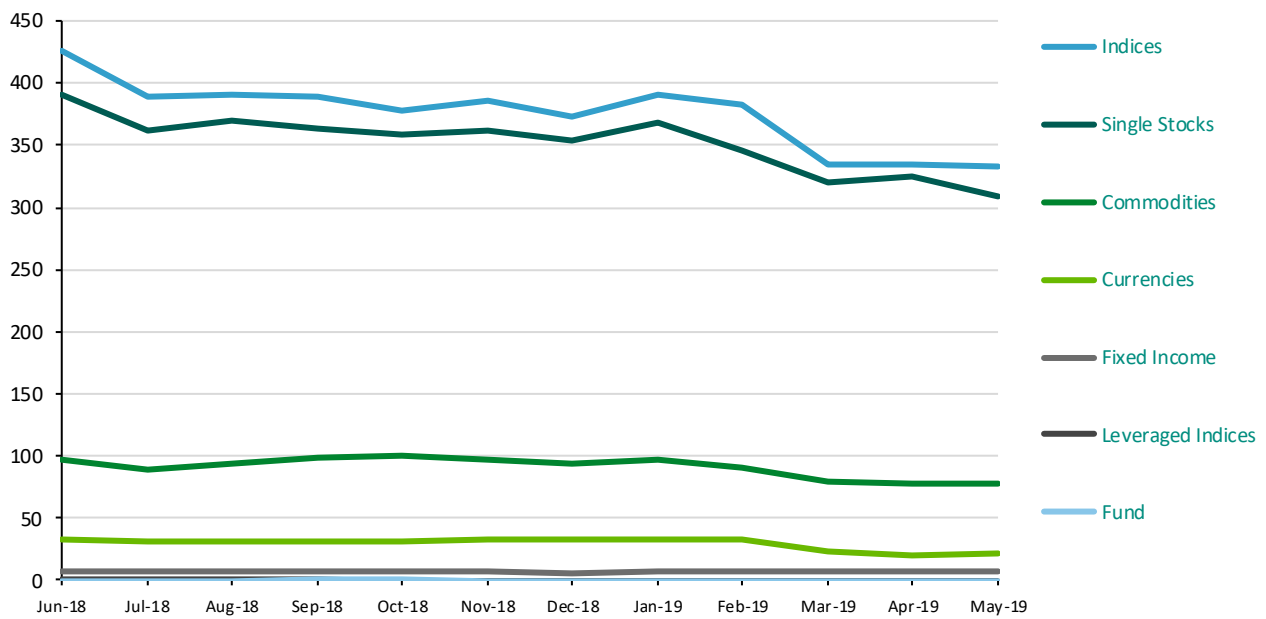
(Source Euronext)



UNDERLYING TYPES

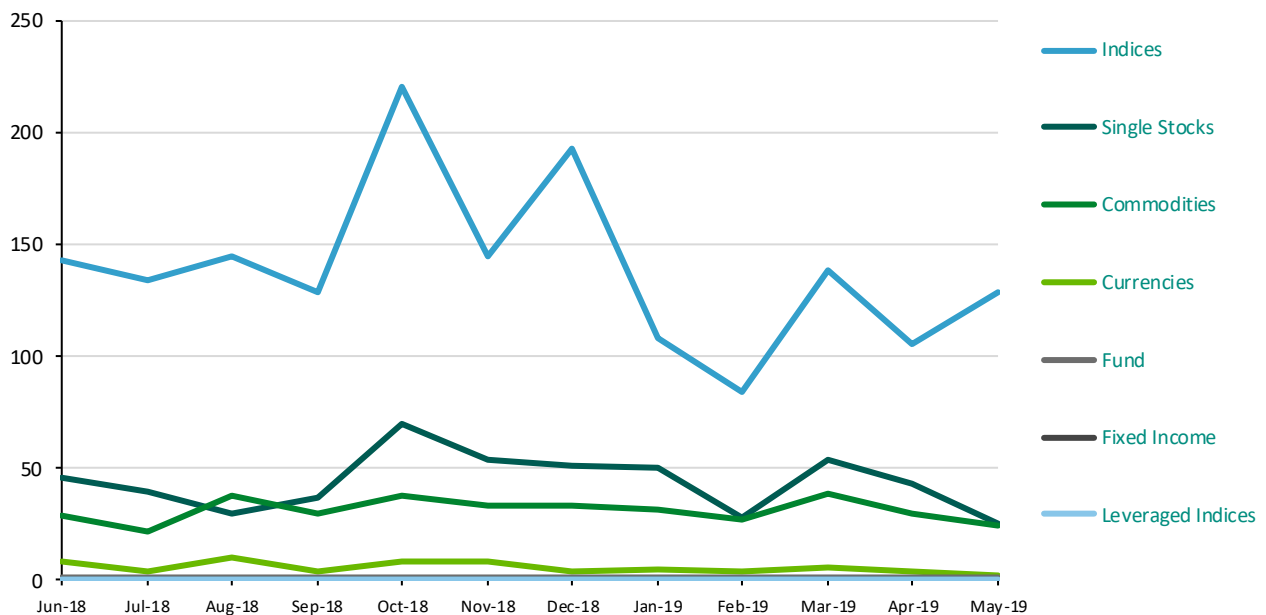
Product Trend: Number of Live Products

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

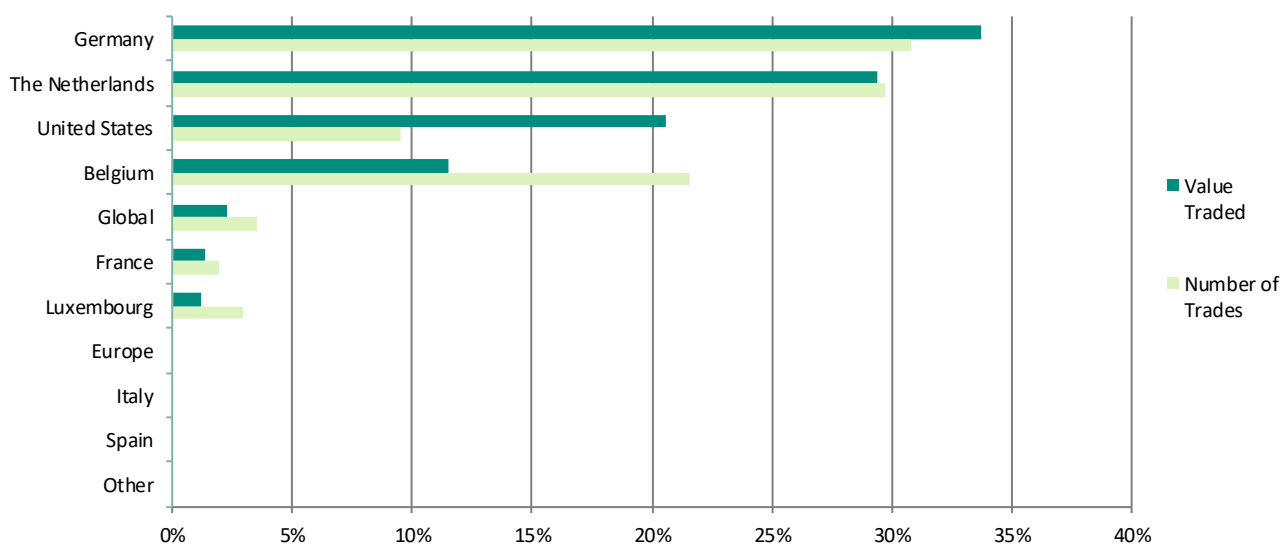
Market Overview

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
Germany	126	-34%	-11.8%	33.7%	68	-61.9%	4.8%	30.8%
The Netherlands	110	-6.2%	-16.0%	29.4%	66	-21%	-18.5%	29.7%
United States	77	23%	-4.8%	20.6%	21	-53%	12.9%	9.5%
Belgium	43	-28%	-43%	11.5%	48	166%	-6.9%	21.6%
Global	9	-16.7%	-88%	2.3%	7.7	85%	-41%	3.5%
France	5	-7.8%	-89%	1.3%	4.2	-7.1%	NA	1.9%
Luxembourg	5	4.2%	-76%	1.2%	6.5	18.2%	6.9%	2.9%
Europe	0		-100%	0.0%	0.0		-100%	0.0%
Italy	0		-100%	0.0%	0.0		-100%	0.0%
Spain	0			0.0%	0.0			0.0%
Other	0			0.0%	0.0			0.0%
Total	373	-16.8%	-34.4%	100%	221	-34.8%	-7.3%	100%

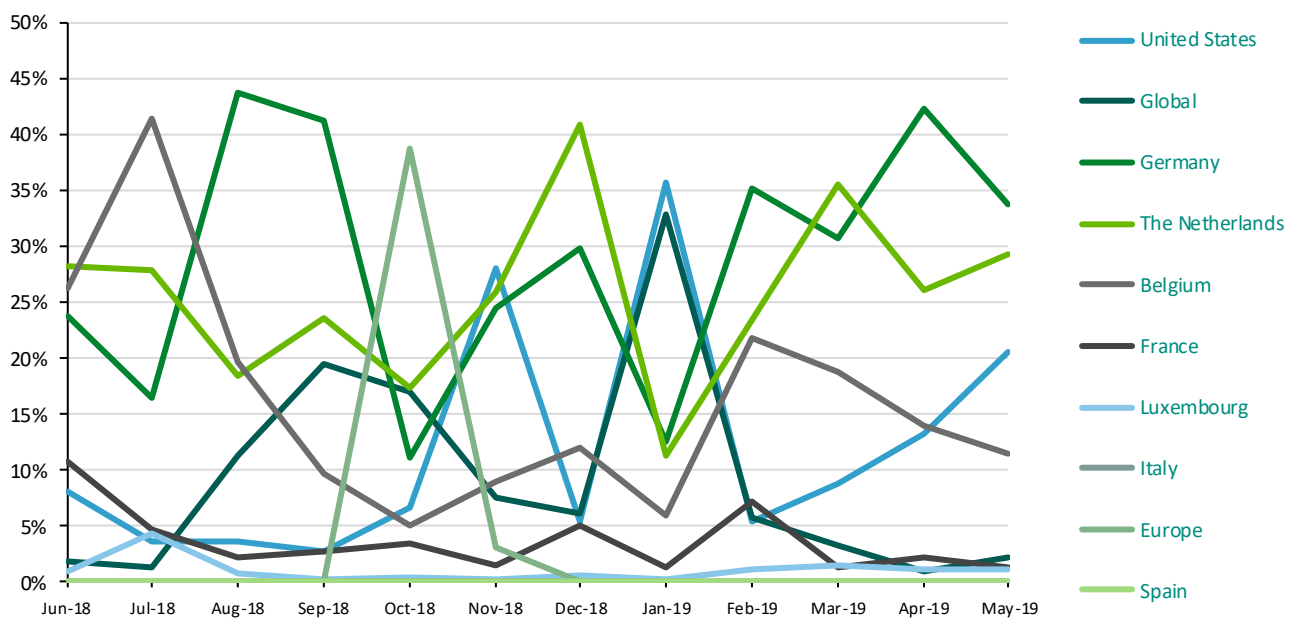
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

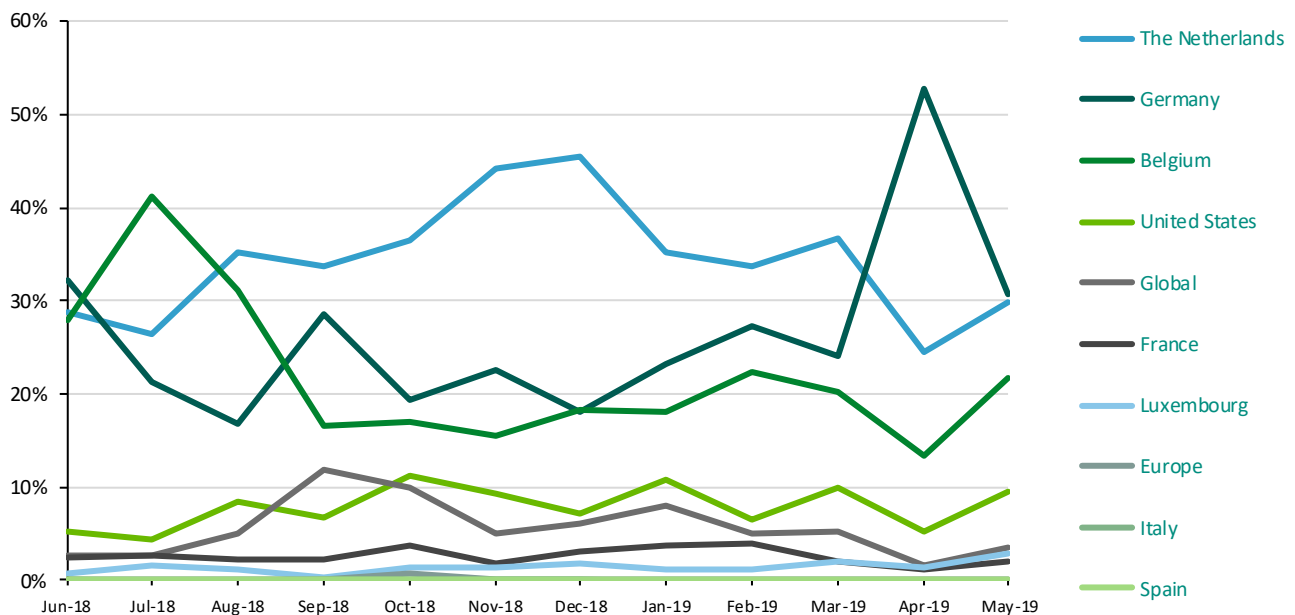
Market Trend: Value traded

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

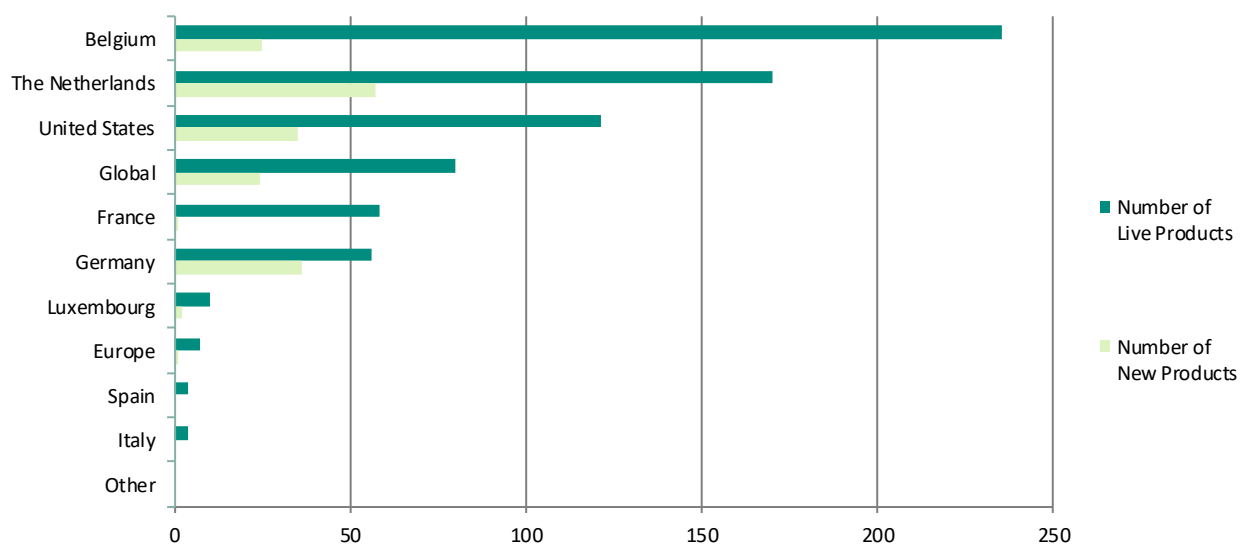
Product Overview

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	236	-5.2%	-14.8%	31.6%	25	-13.8%	-33%	13.8%
The Netherlands	170	0.8%	-3.4%	22.8%	57	-5.0%	-12.3%	31.5%
United States	121	0.0%	-7.8%	16.3%	35	40%	-21%	19.3%
Global	80	-0.6%	-14.3%	10.7%	24	-25%	-24%	13.3%
France	59	-3.7%	-25%	7.8%	1	-67%	-59%	0.6%
Germany	56	5.0%	-18.9%	7.5%	36	29%	-0.9%	19.9%
Luxembourg	10	-30%	-30%	1.3%	2	0.0%	-31%	1.1%
Europe	7	-9.7%	-13.5%	0.9%	1	-80%	-33%	0.6%
Spain	4	0.0%	-0.8%	0.5%	0			0.0%
Italy	4	0.0%	0.4%	0.5%	0			0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
Total	747	-2.2%	-12.7%	100%	181	-1.6%	-18.3%	100%

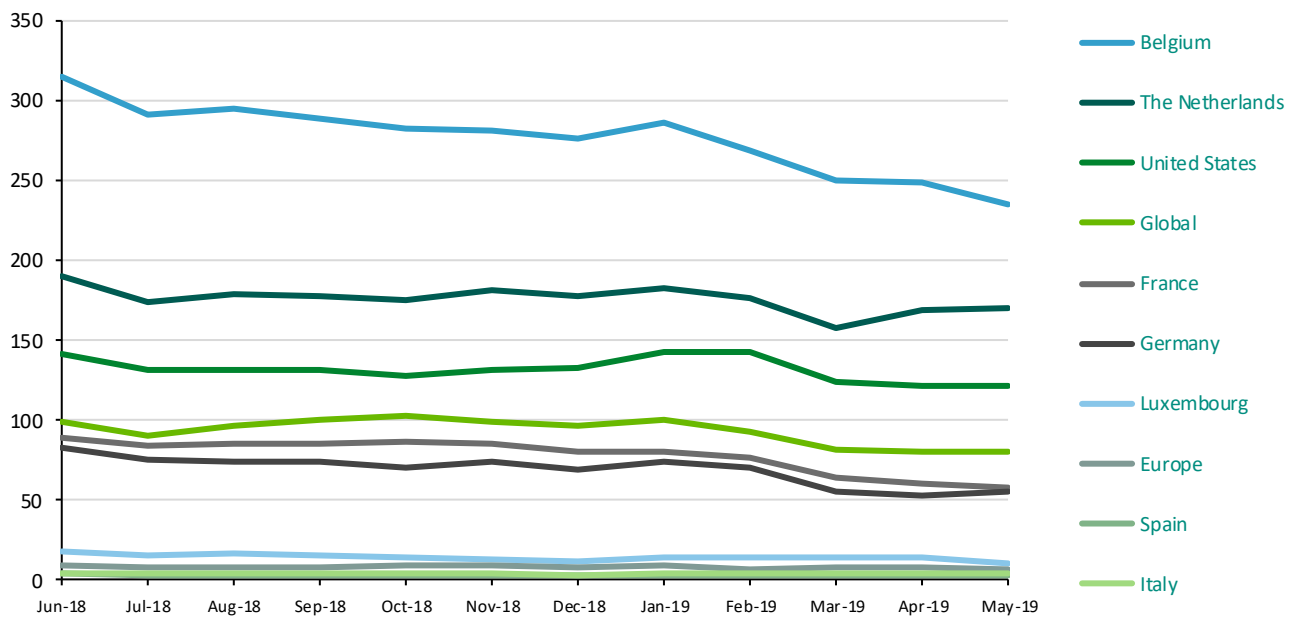
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

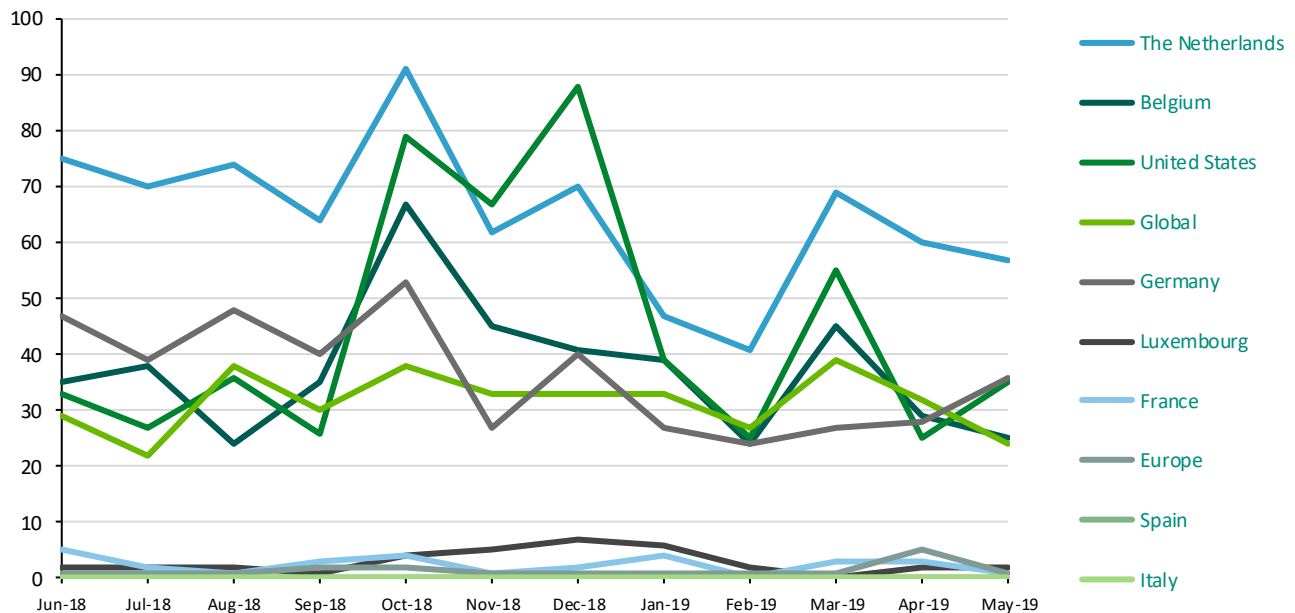
Product Trend: Number of Live Products

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

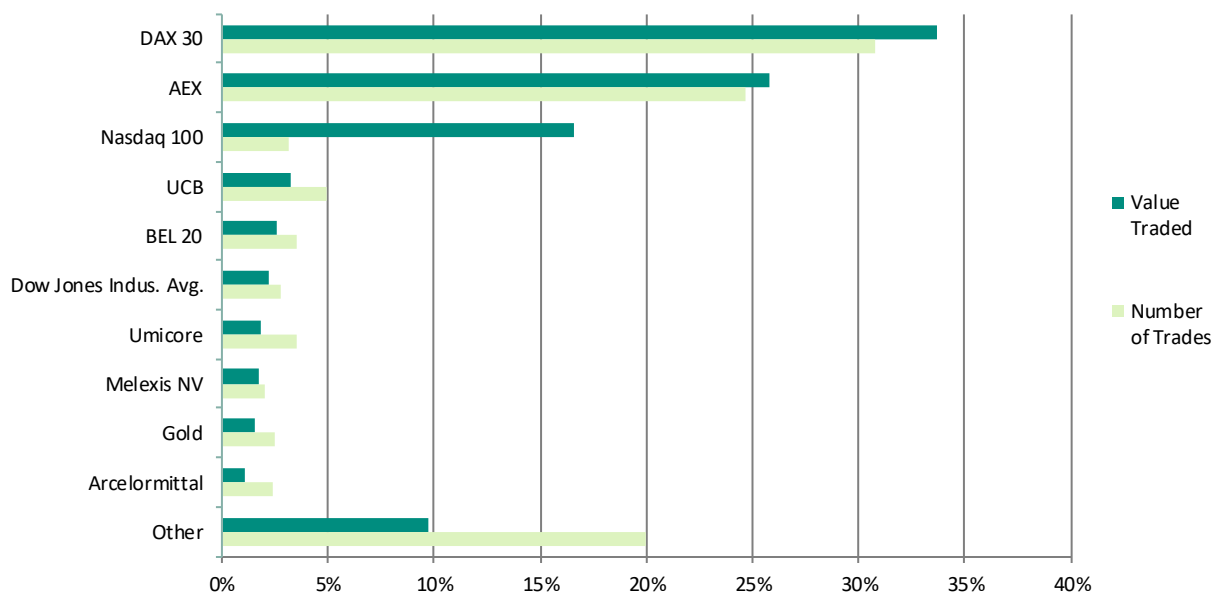
Market Overview

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
DAX 30	126	-34%	-11.8%	33.7%	68	-61.9%	4.8%	30.8%
AEX	96	8.2%	-8.9%	25.8%	55	-7.4%	-5.1%	24.6%
Nasdaq 100	62	109%	3.0%	16.6%	6.9	78%	1.5%	3.1%
UCB	12	-45%	-72%	3.2%	11	-38%	NA	4.9%
BEL 20	9	-42%	-72%	2.5%	7.7	-6.9%	-11.8%	3.5%
Dow Jones Indus. Avg.	8	-49%	-67%	2.2%	6.1	-11.7%	NA	2.8%
Umicore	7	-54%	-41%	1.9%	7.9	2.8%	15.7%	3.6%
Melexis NV	7	-50%	-42%	1.7%	4.4	62%	-36%	2.0%
Gold	6	-36%	-48%	1.5%	5.5	-34%	-42%	2.5%
Arcelormittal	4	-26%	-58%	1.0%	5.2	936%	116%	2.3%
Other	36	-16.9%	-69%	9.7%	44	-2.9%		20.0%
Total	373	-16.8%	-34.4%	100%	221	-34.8%	-7.3%	100%

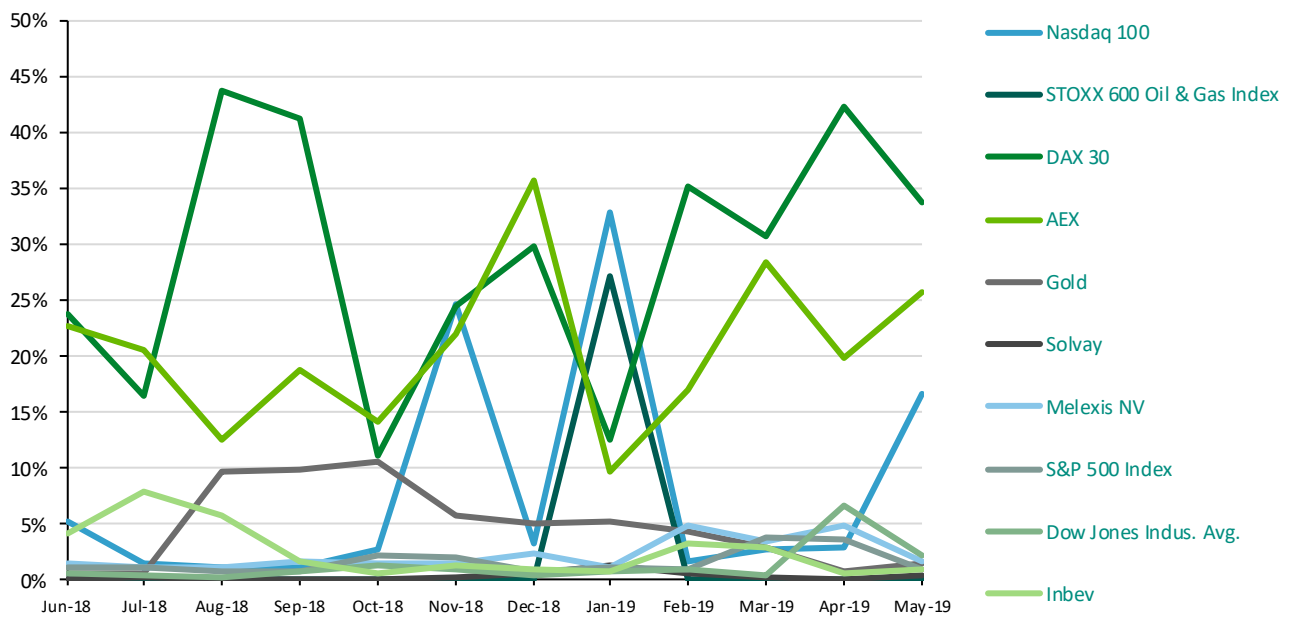
(Source Euronext)



TOP 10 UNDERLYINGS

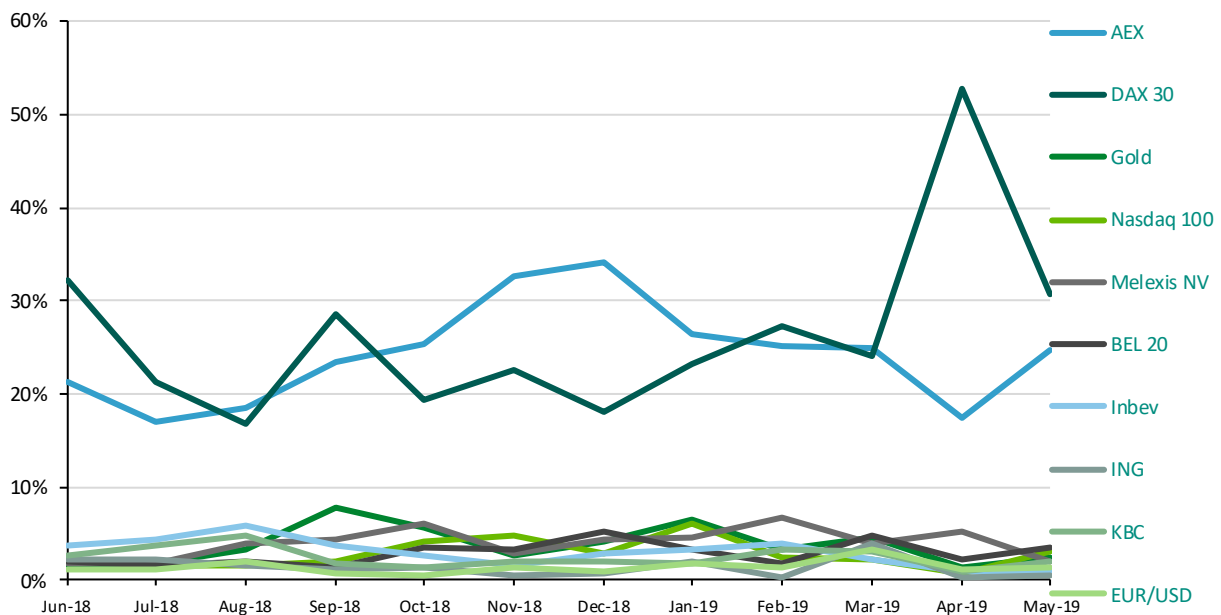
Market Trend: Value traded

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

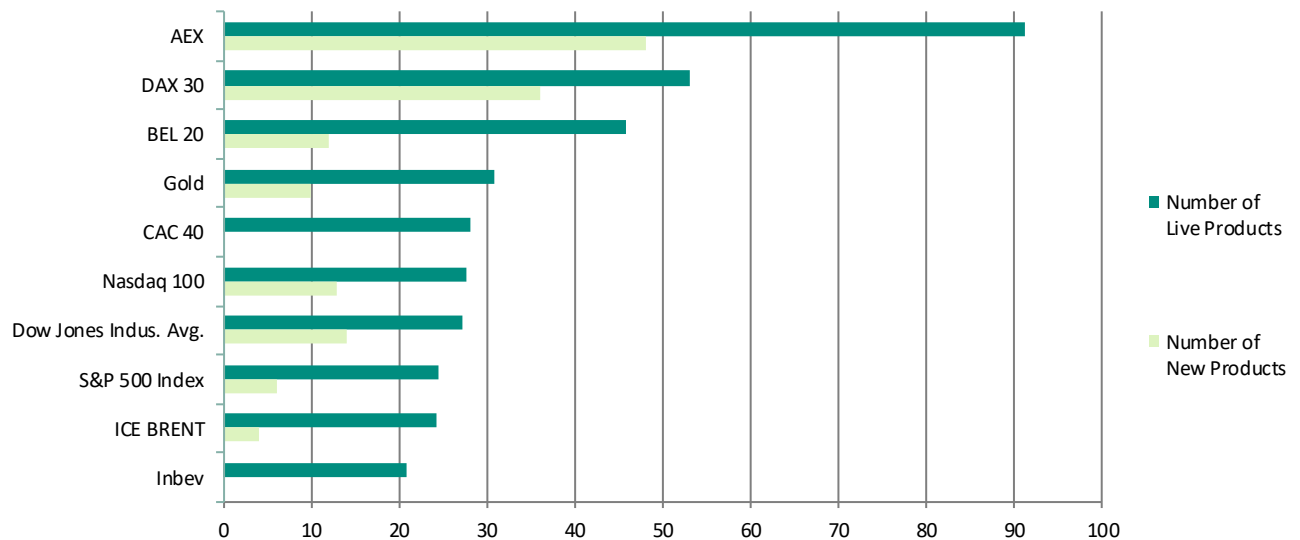
Product Overview

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	91	3.8%	-7.0%	12.2%	48	26%	-5.3%	26.5%
DAX 30	53	5.2%	-19.8%	7.1%	36	29%	-0.9%	19.9%
BEL 20	46	-7.0%	-19.5%	6.1%	12	20.0%	-2.0%	6.6%
Gold	31	5.7%	-10.8%	4.1%	10	-16.7%	-27%	5.5%
CAC 40	28	-3.3%	-23%	3.7%	0	-100%	-100%	0.0%
Nasdaq 100	28	4.5%	0.3%	3.7%	13	18.2%	-17.5%	7.2%
Dow Jones Indus. Avg.	27	2.7%	4.2%	3.7%	14	133%	9.1%	7.7%
S&P 500 Index	25	-1.0%	-9.5%	3.3%	6	50%	-37%	3.3%
ICE BRENT	24	-2.7%	5.3%	3.3%	4	-33%	-23%	2.2%
Inbev	21	-5.2%	2.9%	2.8%	0	-100%	-100%	0.0%
Other	373	-5.1%	-15.1%	50.0%	38			21.0%
Total	747	-2.2%	-12.7%	100%	181	-1.6%	-18.3%	100%

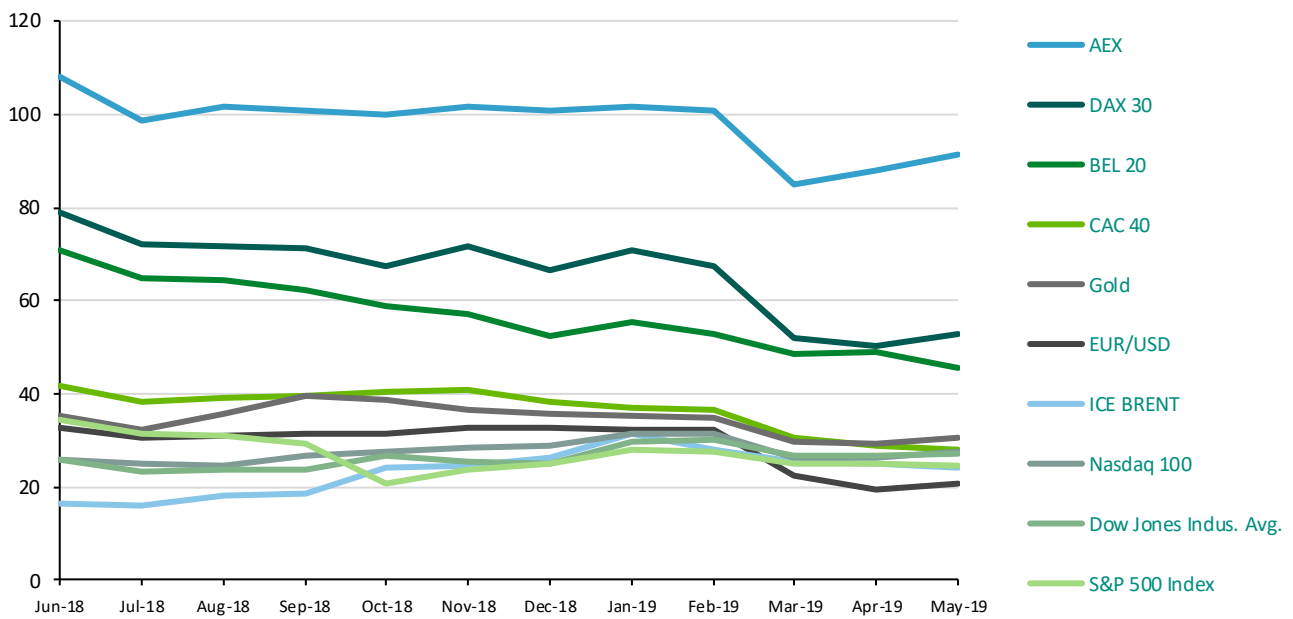
(Source Euronext)



TOP 10 UNDERLYINGS

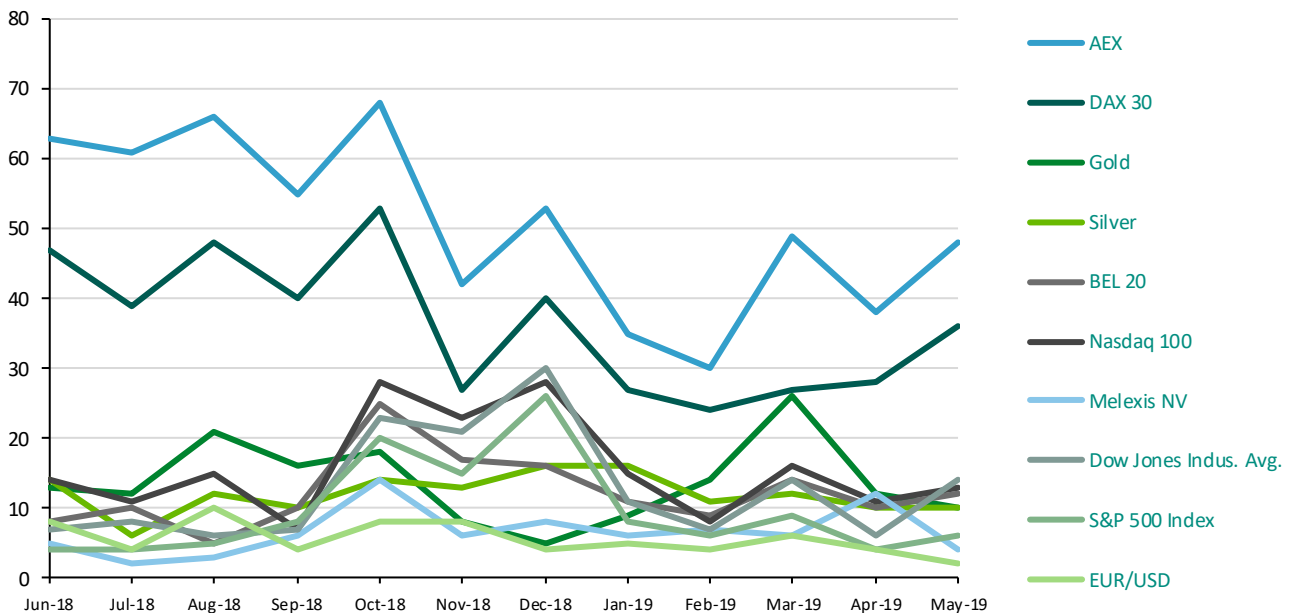
Product Trend: Number of Live Products

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
DE000CJ3LDE3	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	1,392	90
DE000CJ3LLC0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,060	248
DE000CJ3LLY4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	906	178
DE000CJ3LPT5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	764	350
DE000CJ3LHK1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	687	318
DE000CJ3LMA2	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	640	20
DE000CJ3LGC0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	576	152
DE000CJ3LJB6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	453	226
DE000CJ3LLV0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	392	248
DE000CJ3LGE6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	383	32
DE000CJ3LLZ1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	357	144
DE000CJ3LN25	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	323	106
DE000CJ3LEV5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	314	122
DE000CJ3LPV1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	304	114
DE000CJ3LE67	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	297	140
DE000CA1SJS8	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	276	320
DE000CJ3LQM8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	270	62
DE000CJ3LKR0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	231	108
DE000CJ3LL92	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	226	144
DE000CJ3LNU8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	182	82
DE000CJ3LEK8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	172	86
DE000CJ3LPC1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	154	138
DE000CJ3LNV6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	136	64
DE000CJ3LNR4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	135	70
DE000CE71VX2	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	133	72
DE000CJ3LEG6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	123	110
DE000CJ3KPP5	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	116	106
DE000CN90UU1	Commerzbank	2300	Constant Leverage Certificate	DOW JONES E MINI	112	48
DE000CJ3LNT0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	107	12
DE000CJ3LL35	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	99	50
DE000CJ3LME4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	97	44
DE000CN914N7	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	96	24
DE000CJ3LGA4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	93	38
DE000CJ3LM83	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	91	30
DE000CJ3LJ96	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	91	2
DE000CE71N50	Commerzbank	2205	Open-End Knock-Out Warrants	Arcelormittal	82	134
DE000CJ3LJJ9	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	81	56
DE000CA1SMF9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	76	96
DE000CJ3LJN1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	75	40
DE000CJ3LPU3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	74	44
DE000CJ3KLC2	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	74	6
DE000CJ3LHP0	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	71	30
DE000CJ3LMQ8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	69	106
DE000CN8ZTW4	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	61	26
DE000CJ3LNS2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	61	26
DE000CJ3LPA5	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	60	36
DE000CJ3LNQ6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	60	42
DE000CN90NS0	Commerzbank	2205	Open-End Knock-Out Warrants	Total	58	58
DE000CJ3LHX4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	58	32
DE000CJ3LEQ5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	58	42

(Source Euronext)



Euronext Lisbon

ISSUERS

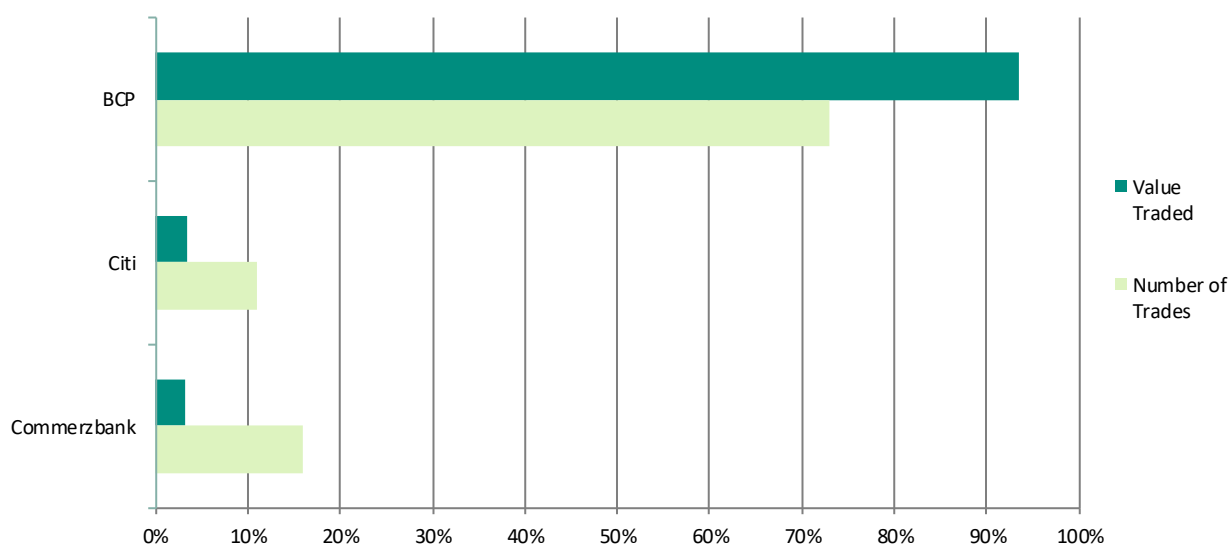
Market Overview

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	4,740	-37%	56%	93.4%	356	-29.4%	48.1%	73.1%
Citi	178	31%	-27%	3.5%	53	49.7%	-28.8%	10.9%
Commerzbank	157	46%	-11.8%	3.1%	78	29.1%	71.8%	16.0%
Total	5,074	-34.4%	46.6%	100%	487	-18.9%	35.2%	100%

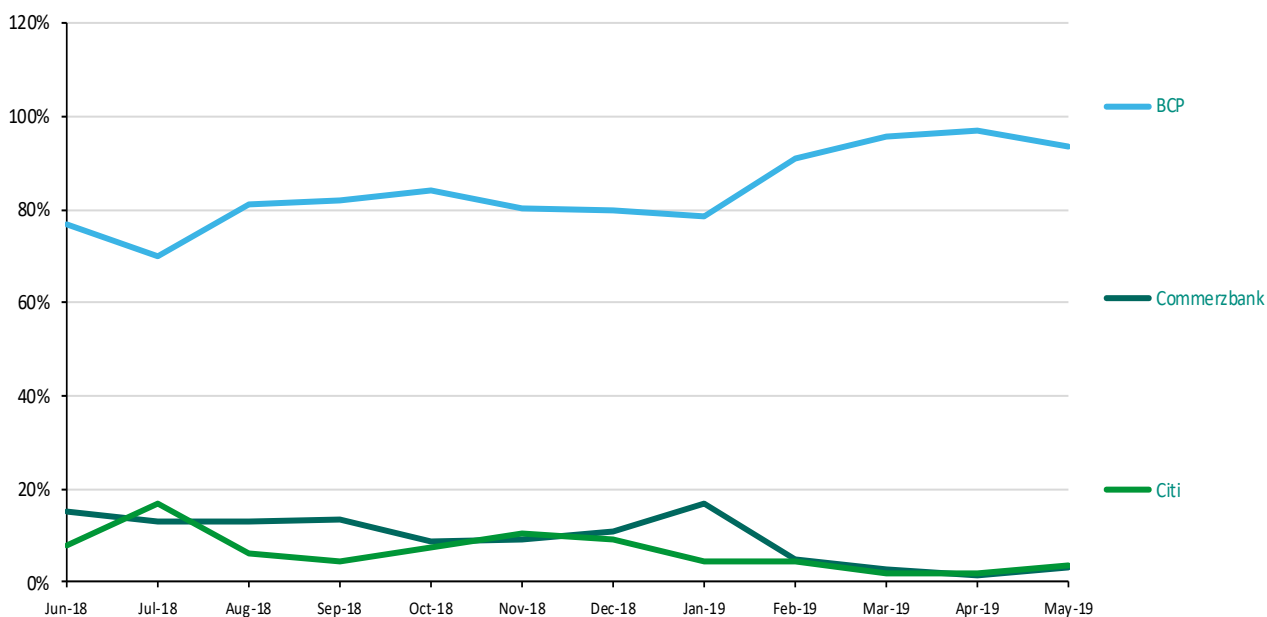
(Source Euronext)



ISSUERS

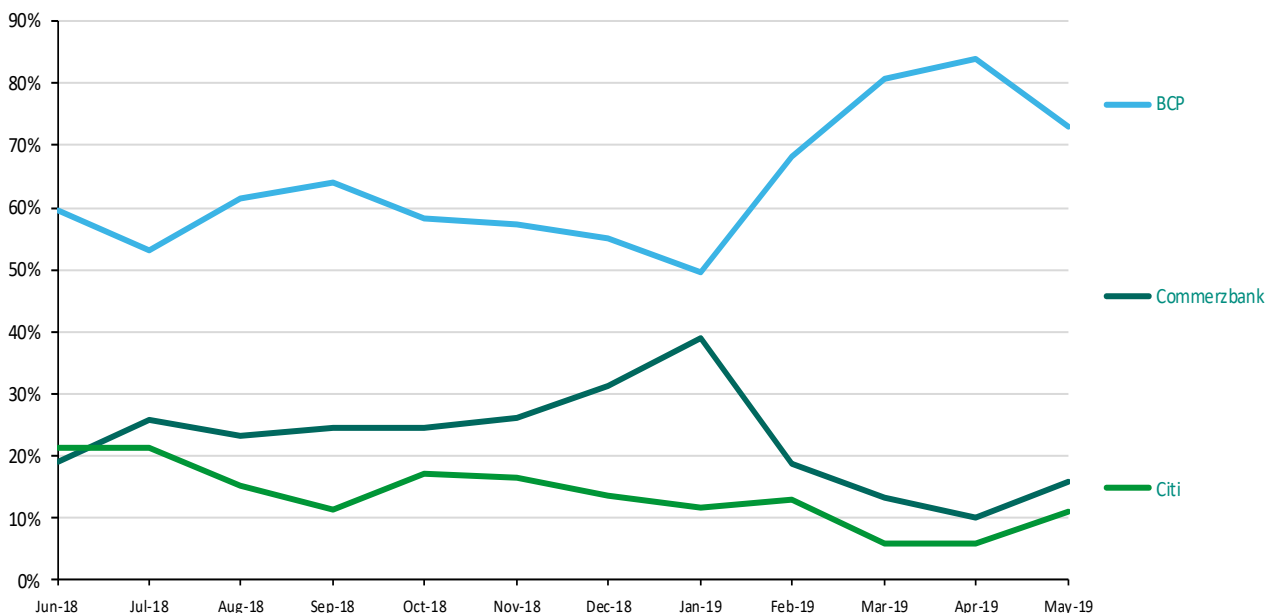
Market Trend: Value traded

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

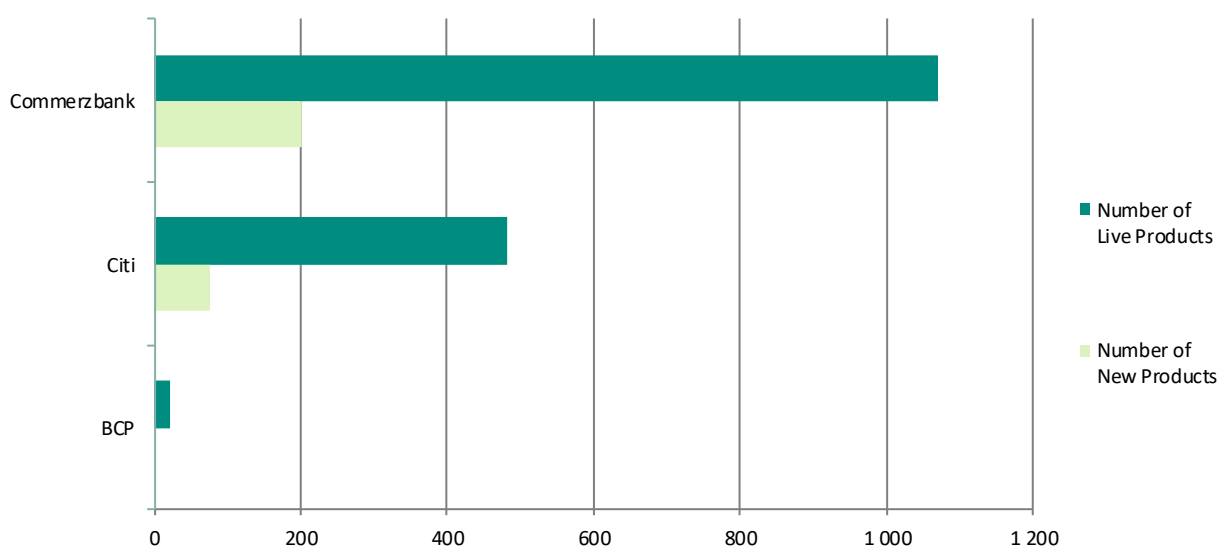
Product Overview

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	1,071	2.3%	-2.6%	68.0%	202	106%	-11.1%	72.4%
Citi	481	5.7%	28%	30.6%	77	38%	-30%	27.6%
BCP	22	-0.2%	-0.7%	1.4%	0			0.0%
Total	1,575	3.3%	5.1%	100%	279	81.2%	-17.3%	100%

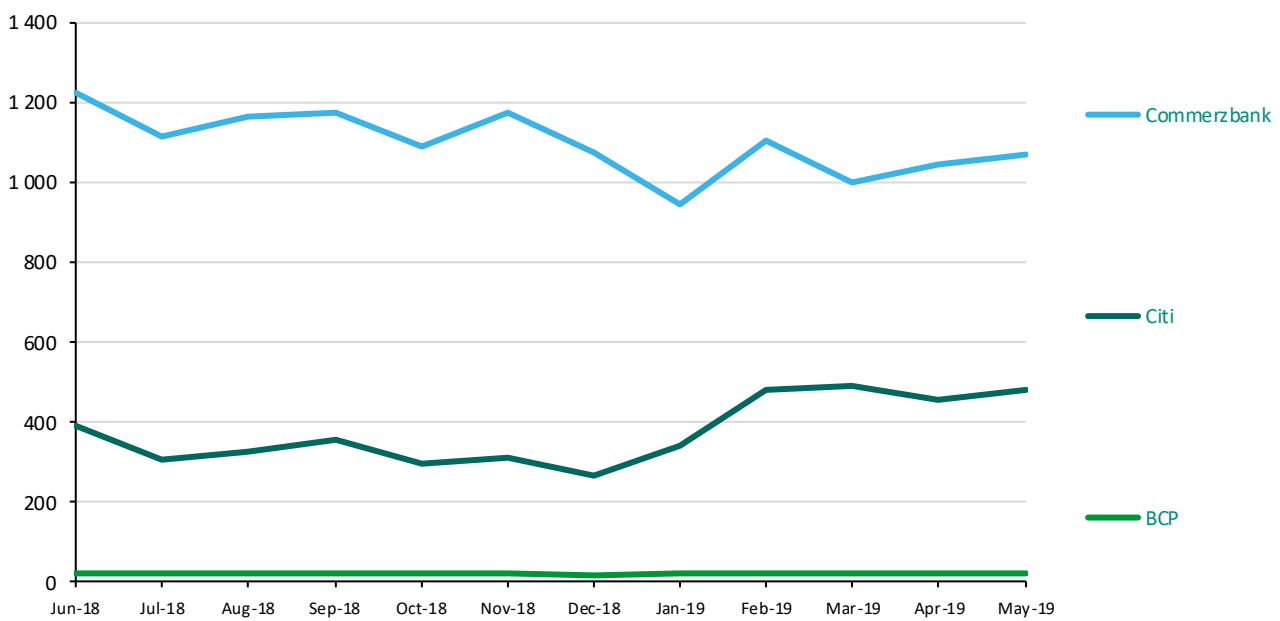
(Source Euronext)



ISSUERS

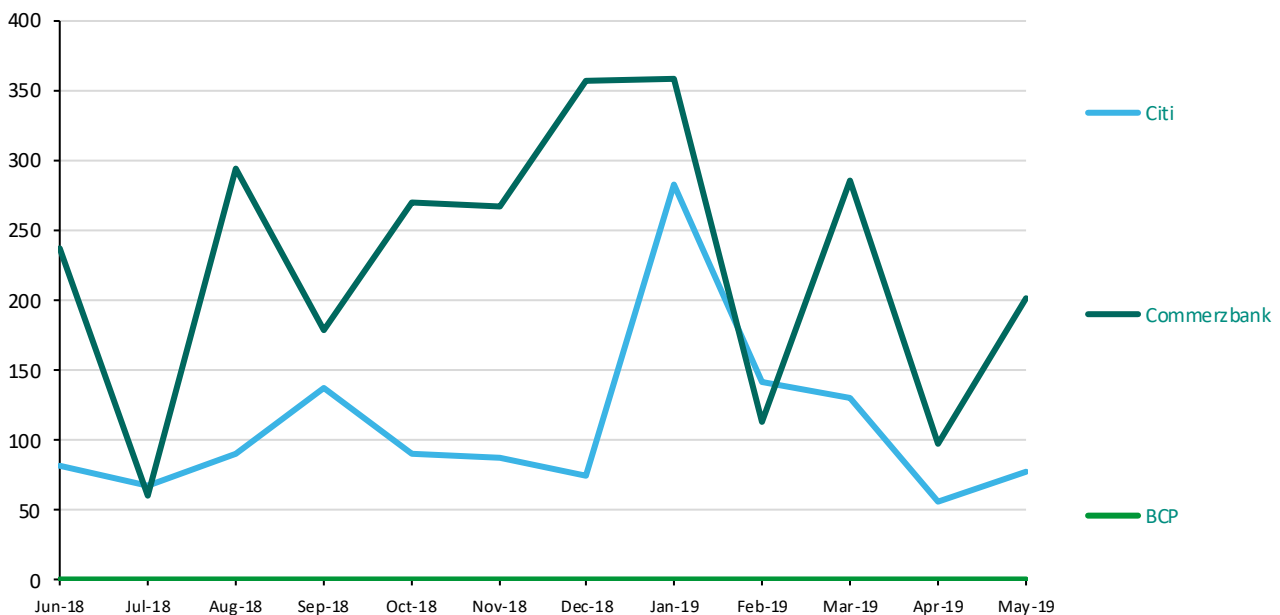
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer 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)

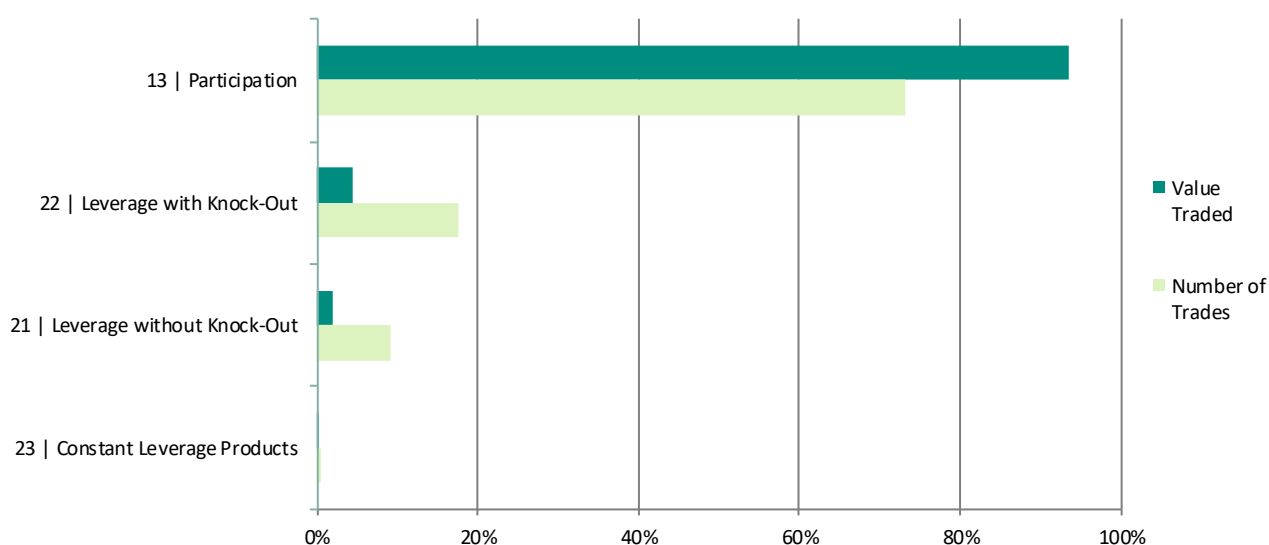
Market Overview

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	4,740	-37%	56%	93.4%	356	-29.4%	48.1%	73.1%
22 Leverage with Knock-Out	226	22%	-32%	4.5%	85	23.9%	-1.8%	17.5%
21 Leverage without Knock-Out	101	80%	22%	2.0%	44	64.6%	38.1%	9.0%
23 Constant Leverage Products	8	200%	11.9%	0.2%	2.2	263.6%	38.1%	0.4%
Total	5,074	-34.4%	46.6%	100%	487	-18.9%	35.2%	100%

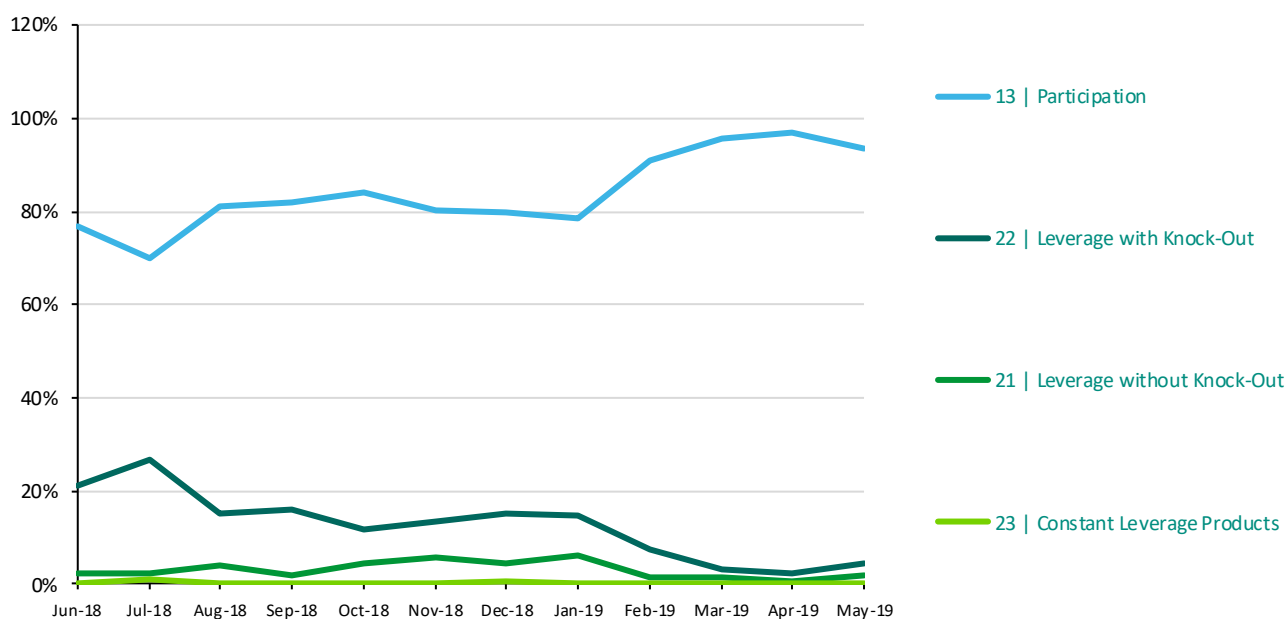
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

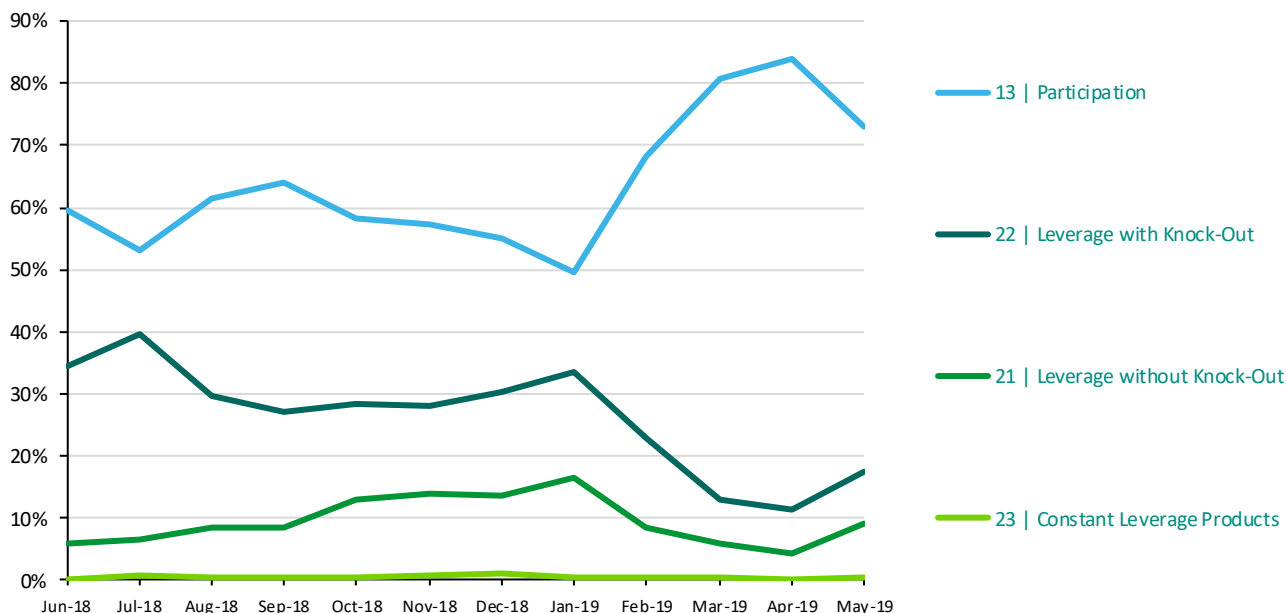
Market Trend: Value traded

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)

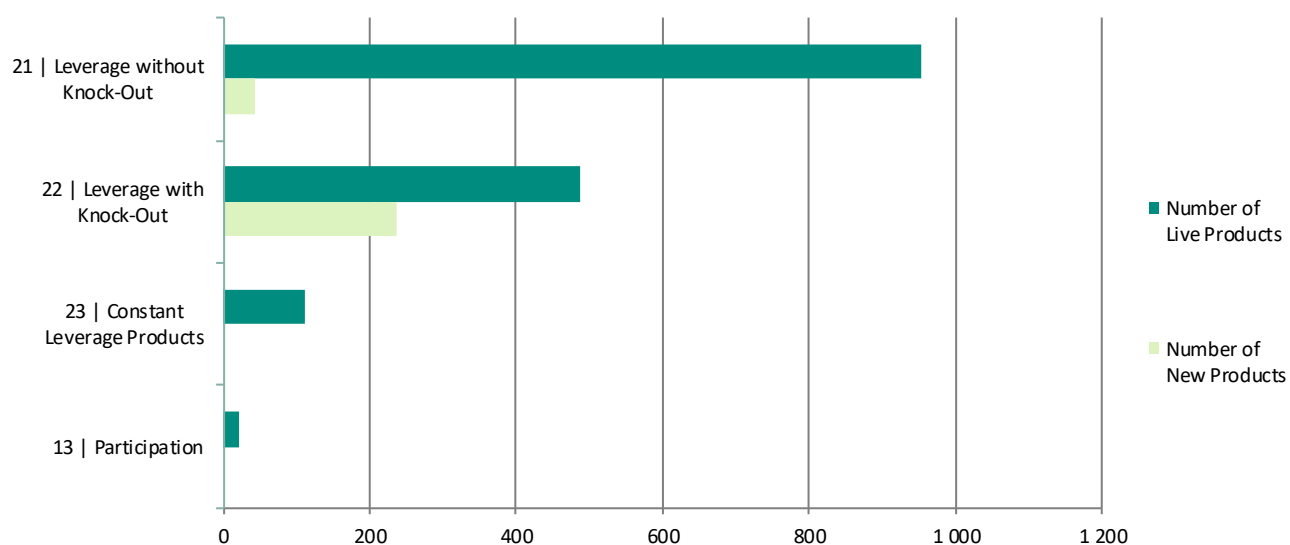
Product Overview

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	955	-0.7%	9.4%	60.6%	43		-46%	15.4%
22 Leverage with Knock-Out	486	15.8%	8.6%	30.9%	236	62%	-5.9%	84.6%
23 Constant Leverage Products	112	-7.7%	-28%	7.1%	0	-100%	-100%	0.0%
13 Participation	22	-0.2%	-0.7%	1.4%	0			0.0%
Total	1,575	3.3%	5.1%	100%	279	81.2%	-17.3%	100%

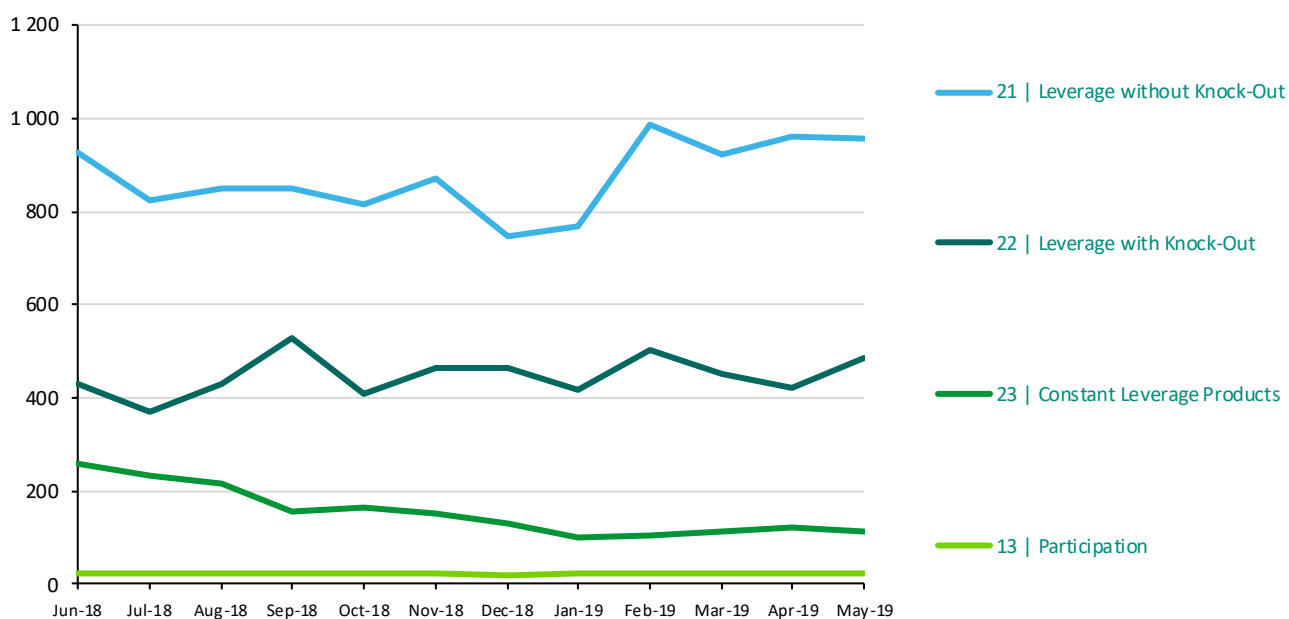
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

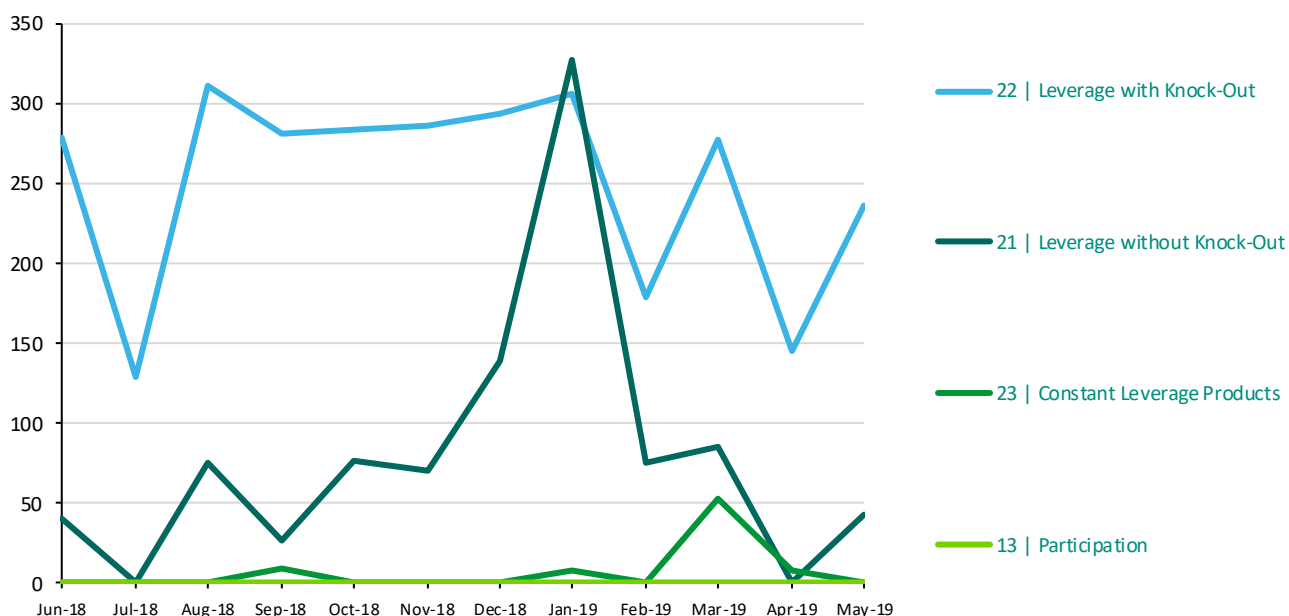
Product Trend: Number of Live Products

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

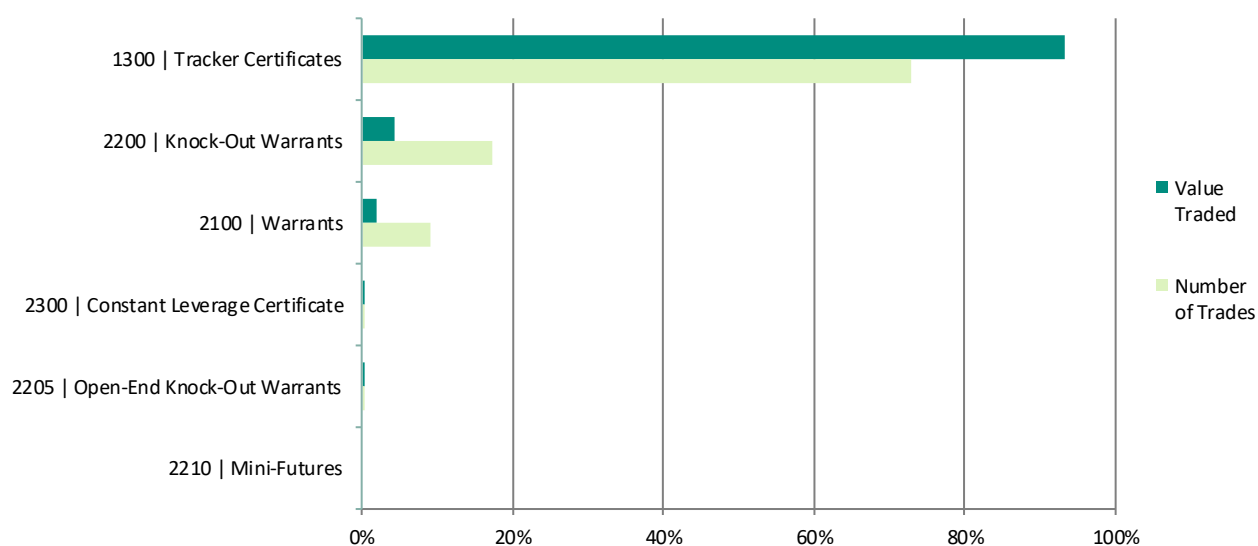
Market Overview

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	4,740	-37%	56%	93.4%	356	-29.4%	48.1%	73.1%
2200 Knock-Out Warrants	225	24%	-31%	4.4%	84	27%	-1.6%	17.3%
2100 Warrants	101	80%	22%	2.0%	44	65%	38%	9.0%
2300 Constant Leverage Certificate	8	200%	11.9%	0.2%	2.2	264%	38%	0.4%
2205 Open-End Knock-Out Warrants	1	-80%	-86%	0.0%	0.8	-60%	-6.6%	0.2%
2210 Mini-Futures	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	5,074	-34.4%	46.6%	100%	487	-18.9%	35.2%	100%

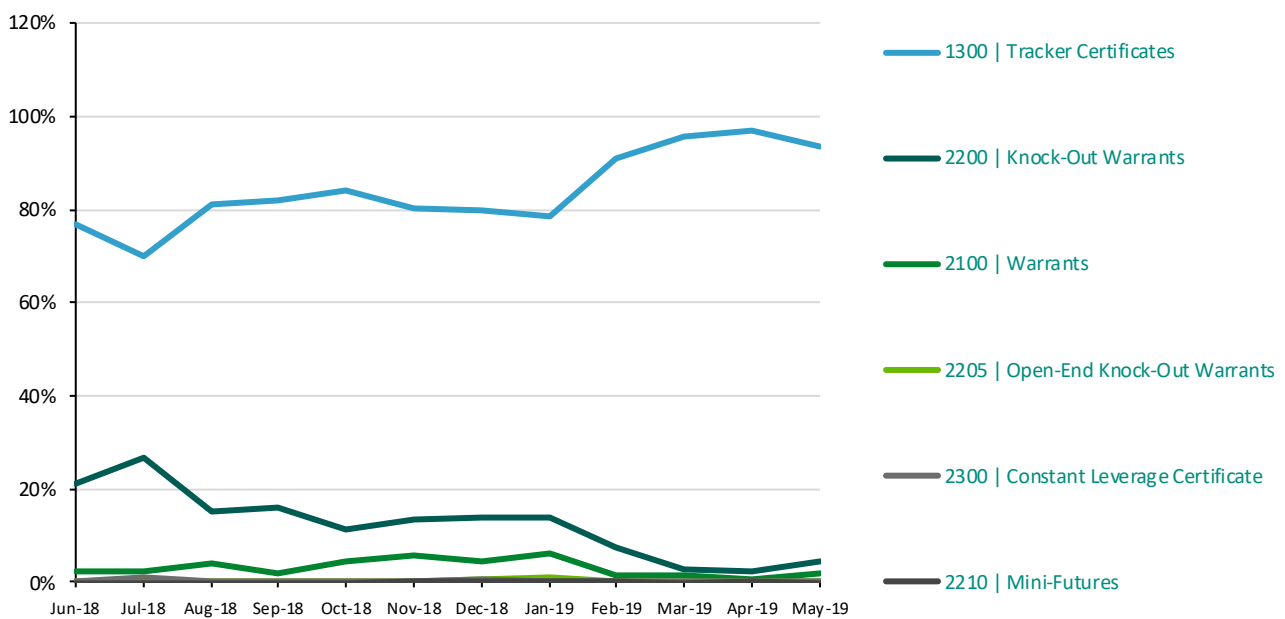
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

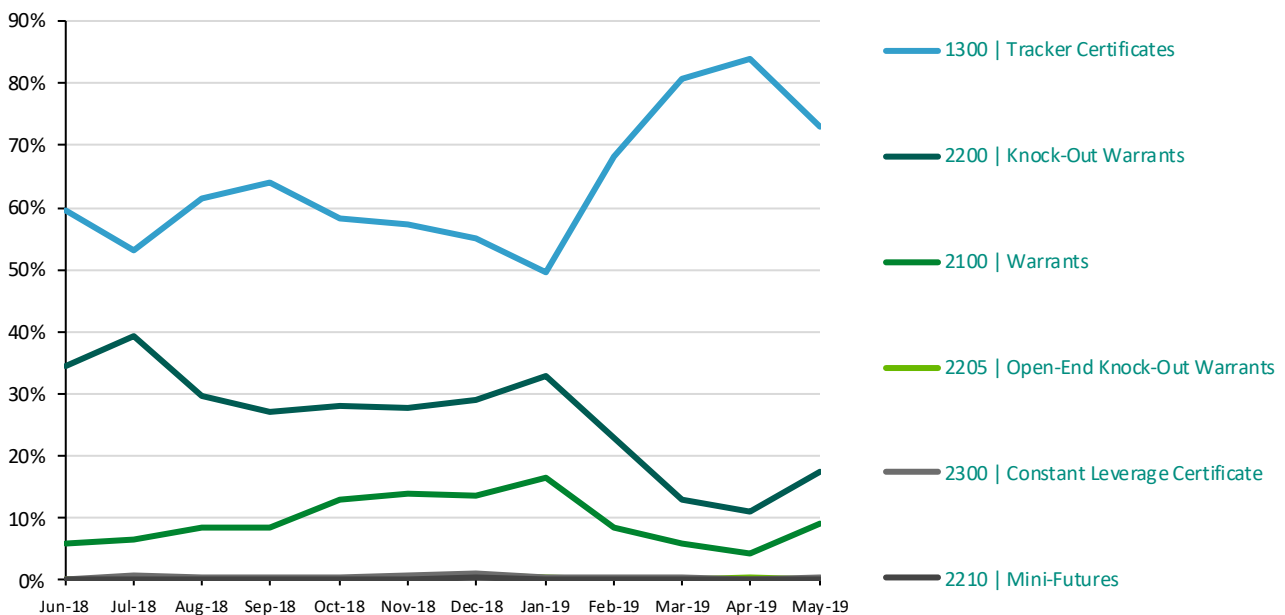
Market Trend: Value traded

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)

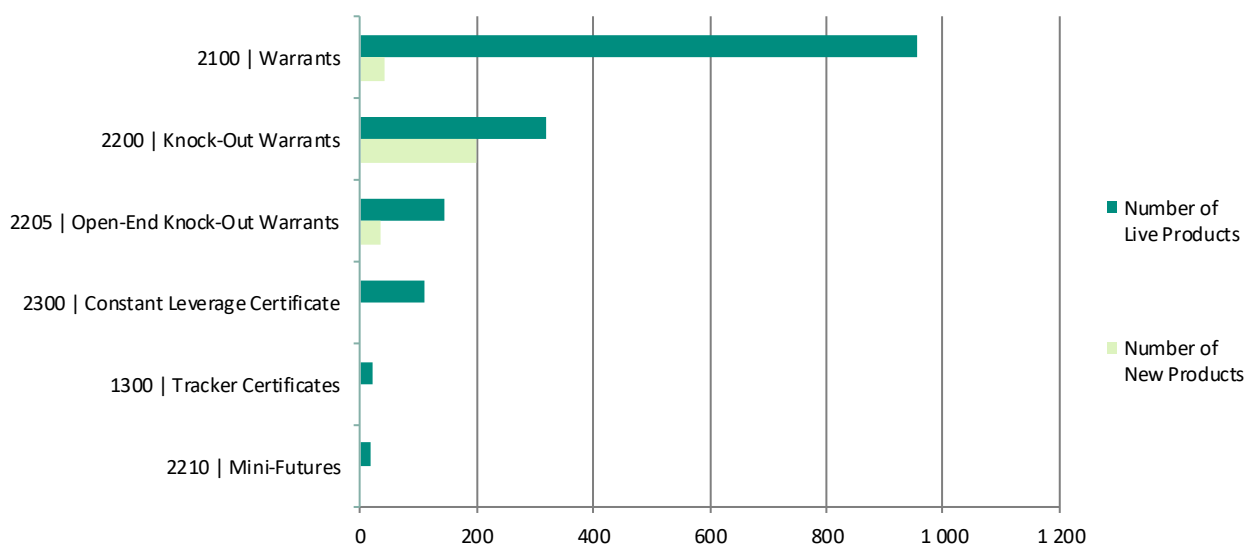
Product Overview

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	955	-0.7%	9.4%	60.6%	43		-46%	15.4%
2200 Knock-Out Warrants	321	26%	-0.5%	20.4%	201	38%	-6.3%	72.0%
2205 Open-End Knock-Out Warrants	145	0.5%	32%	9.2%	35		2.9%	12.5%
2300 Constant Leverage Certificate	112	-7.7%	-28%	7.1%	0	-100%	-100%	0.0%
1300 Tracker Certificates	22	-0.2%	-0.7%	1.4%	0			0.0%
2210 Mini-Futures	20	0.0%	33%	1.3%	0		-100%	0.0%
Total	1,575	3.3%	5.1%	100%	279	81.2%	-17.3%	100%

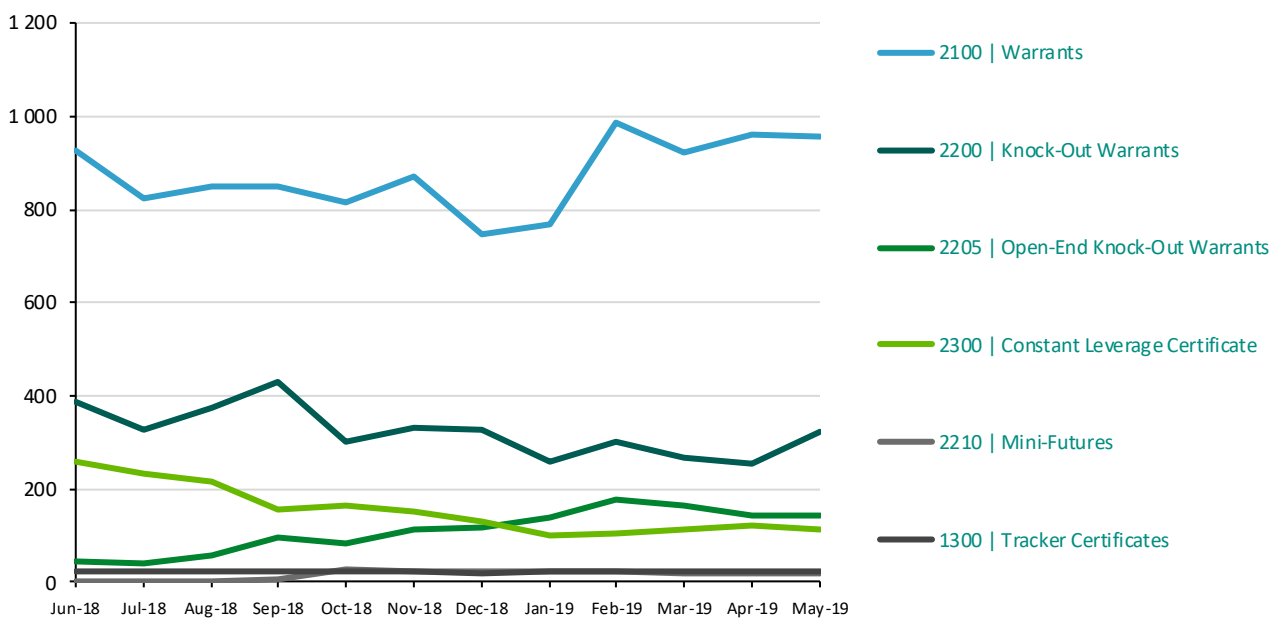
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

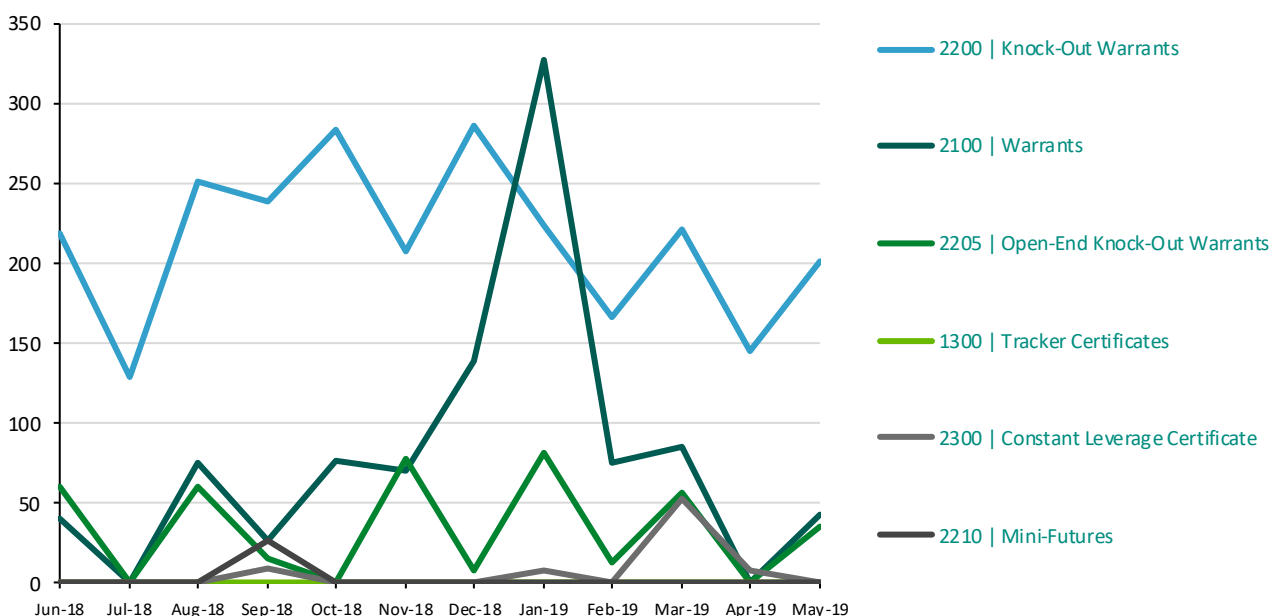
Product Trend: Number of Live Products

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

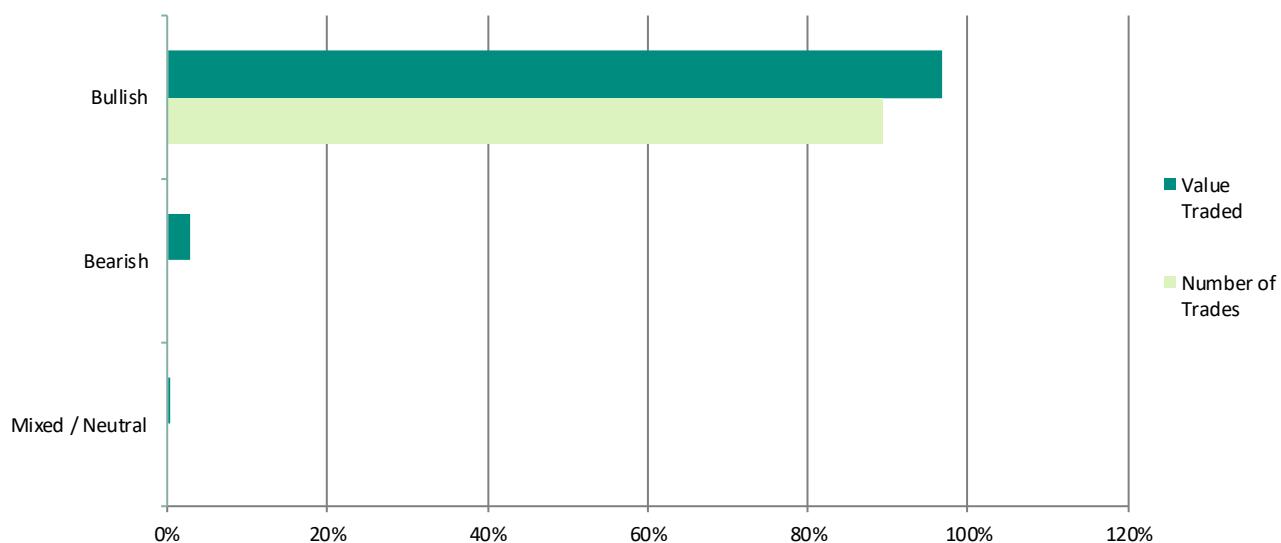
Market Overview

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	4,918	-35%	51%	96.9%	436	-20.1%	43.6%	89.4%
Bearish	149	23%	-22%	2.9%	0.0	-100%	-100%	0.0%
Mixed / Neutral	8	200%	38%	0.2%	0.0	-100%	-100%	0.0%
Total	5,074	-34.4%	46.6%	100%	487	-18.9%	35.2%	100%

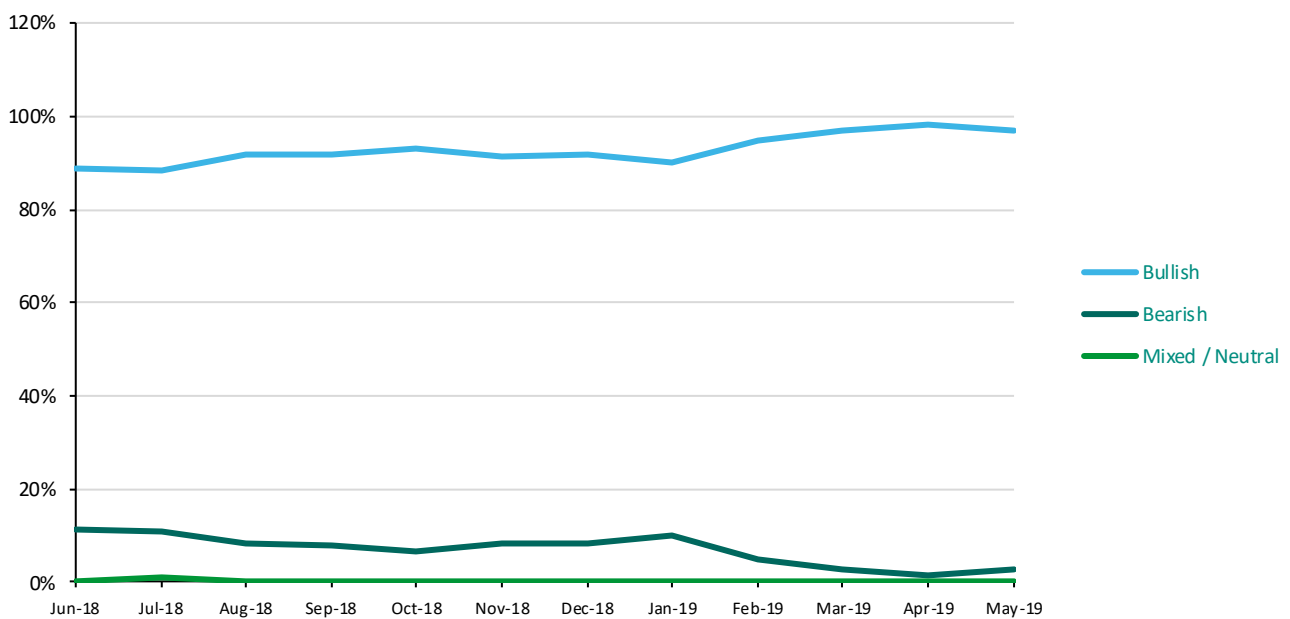
(Source Euronext)



PRODUCT STRATEGIES

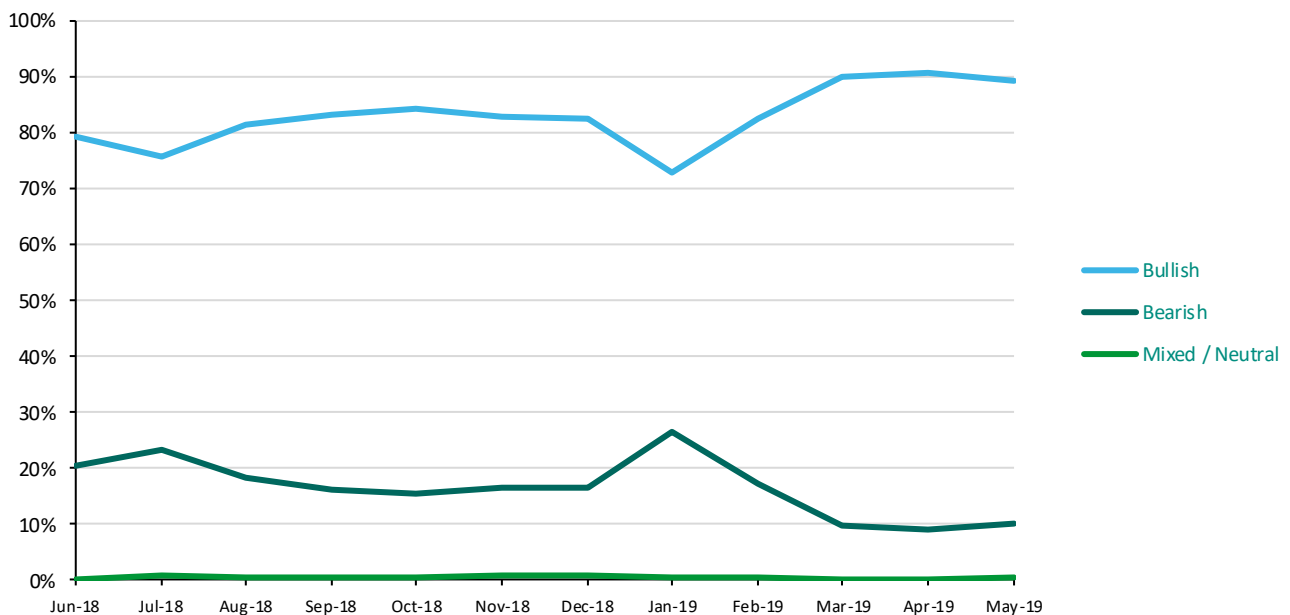
Market Trend: Value traded

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

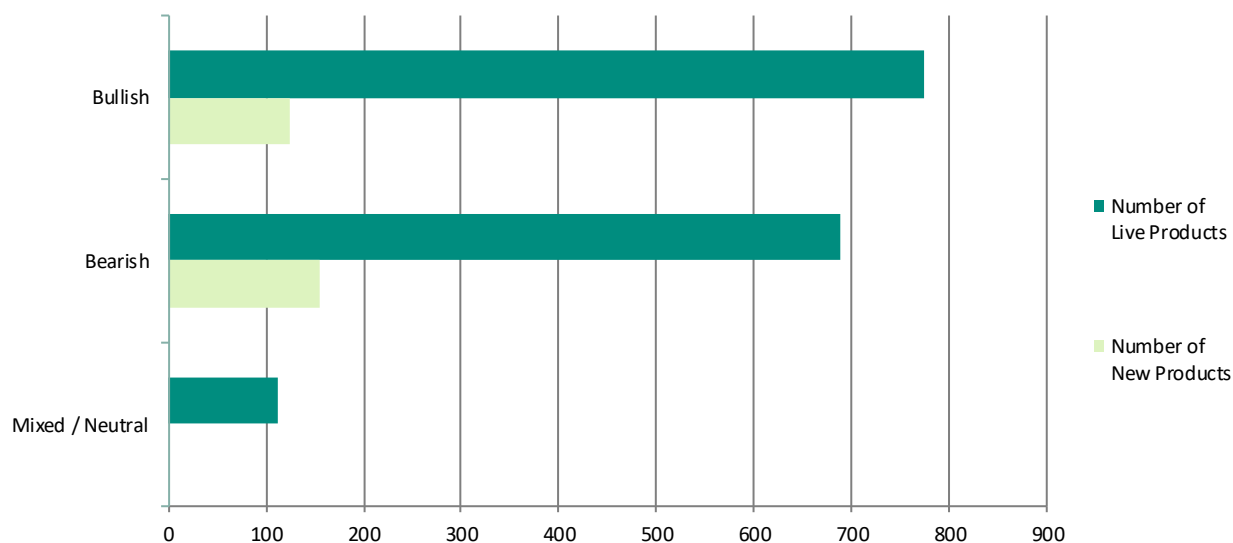
Product Overview

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
Bullish	775	2.8%	13.1%	49.2%	124	55%	-28%	44.4%
Bearish	688	5.8%	-0.3%	43.7%	155	135%	-2.8%	55.6%
Mixed / Neutral	112	-7.7%	-8.9%	7.1%	0	-100%	-100%	0.0%
Total	1,575	3.3%	5.1%	100%	279	81.2%	-17.3%	100%

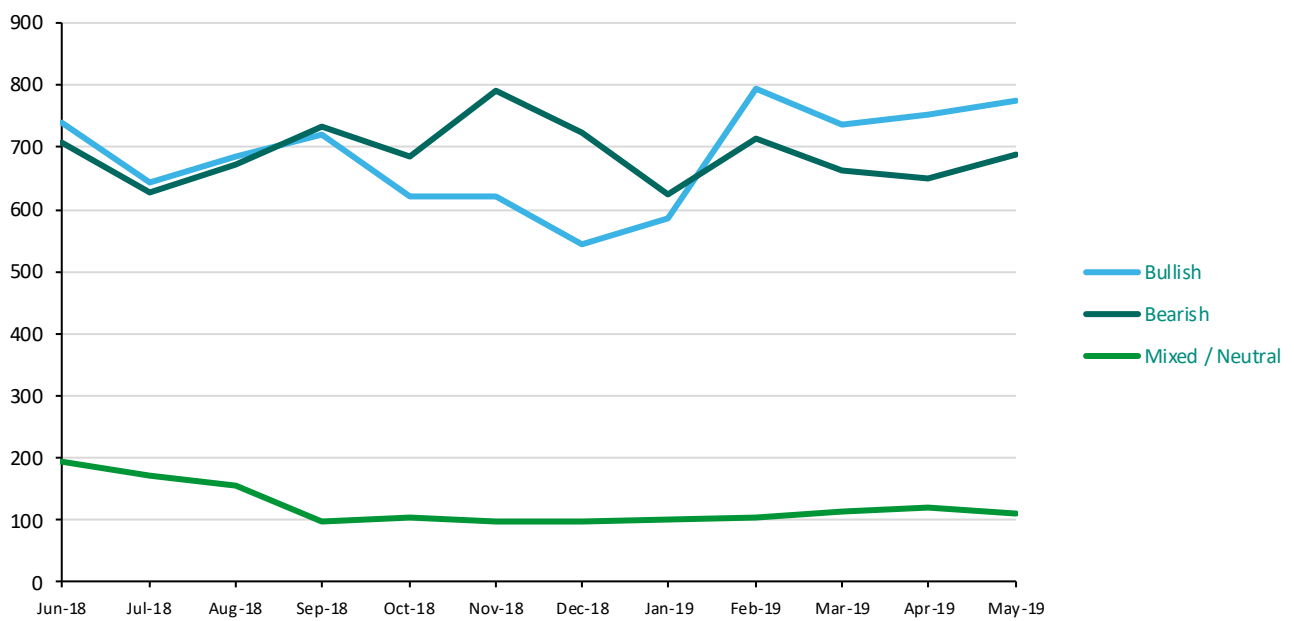
(Source Euronext)



PRODUCT STRATEGIES

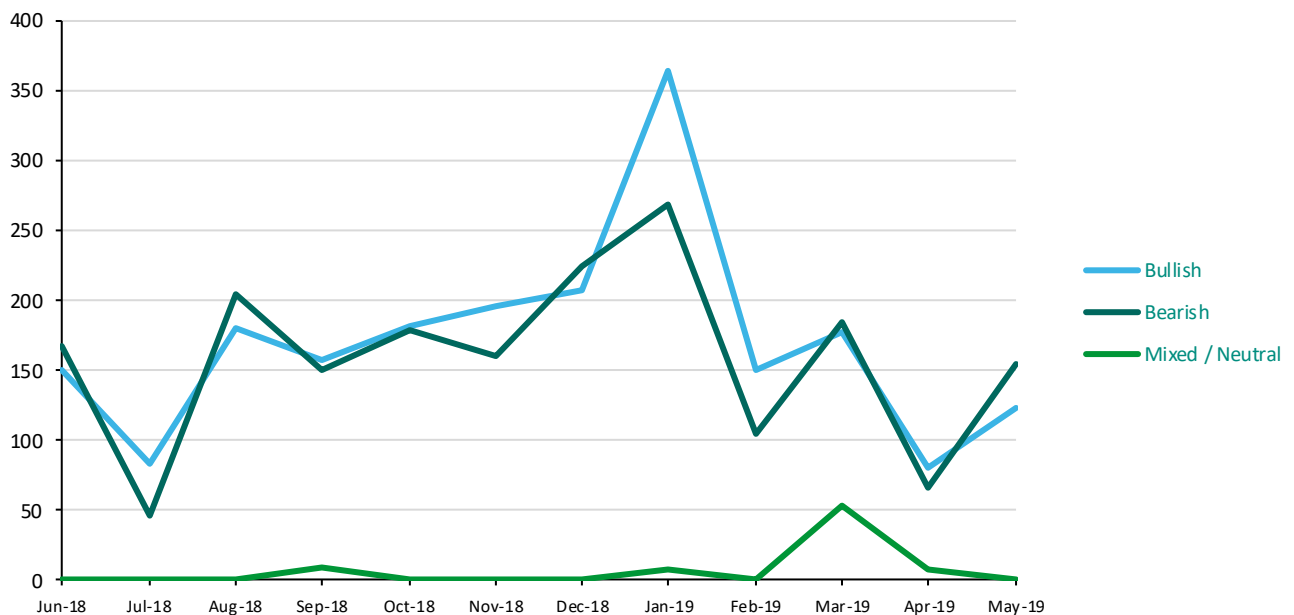
Product Trend: Number of Live Products

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

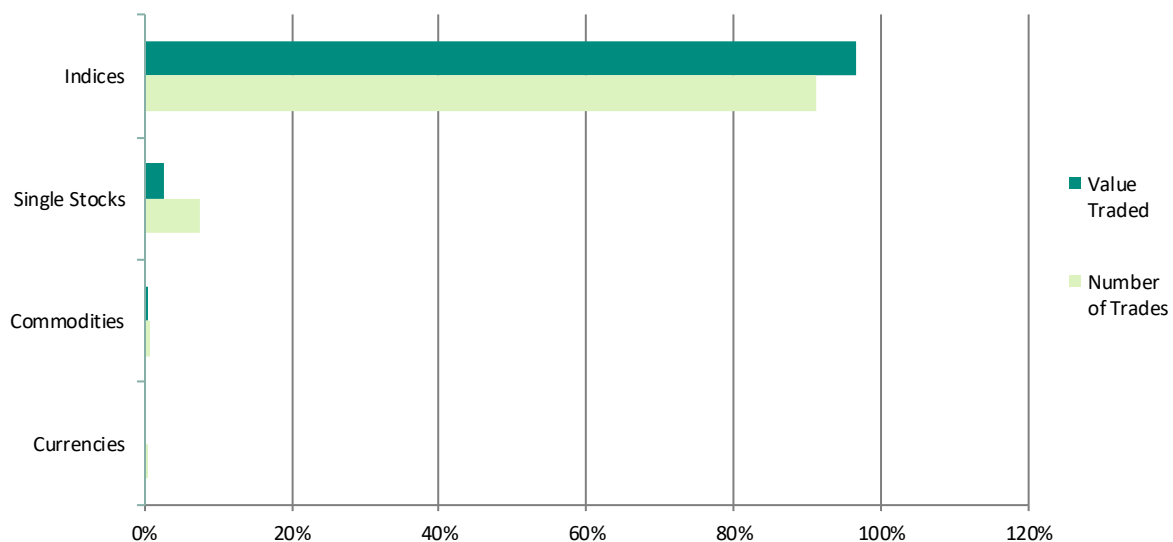
Market Overview

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	4,902	-35%	48%	96.6%	445	-21.0%	35.4%	91.3%
Single Stocks	134	-27%	13.3%	2.6%	37	9.7%	34.6%	7.5%
Commodities	30	-26%	-9.8%	0.6%	4.1	13.6%	-2.0%	0.8%
Currencies	9	NA	232%	0.2%	1.9	324.2%	226.7%	0.4%
Total	5,074	-34.4%	46.6%	100%	487	-18.9%	35.2%	100%

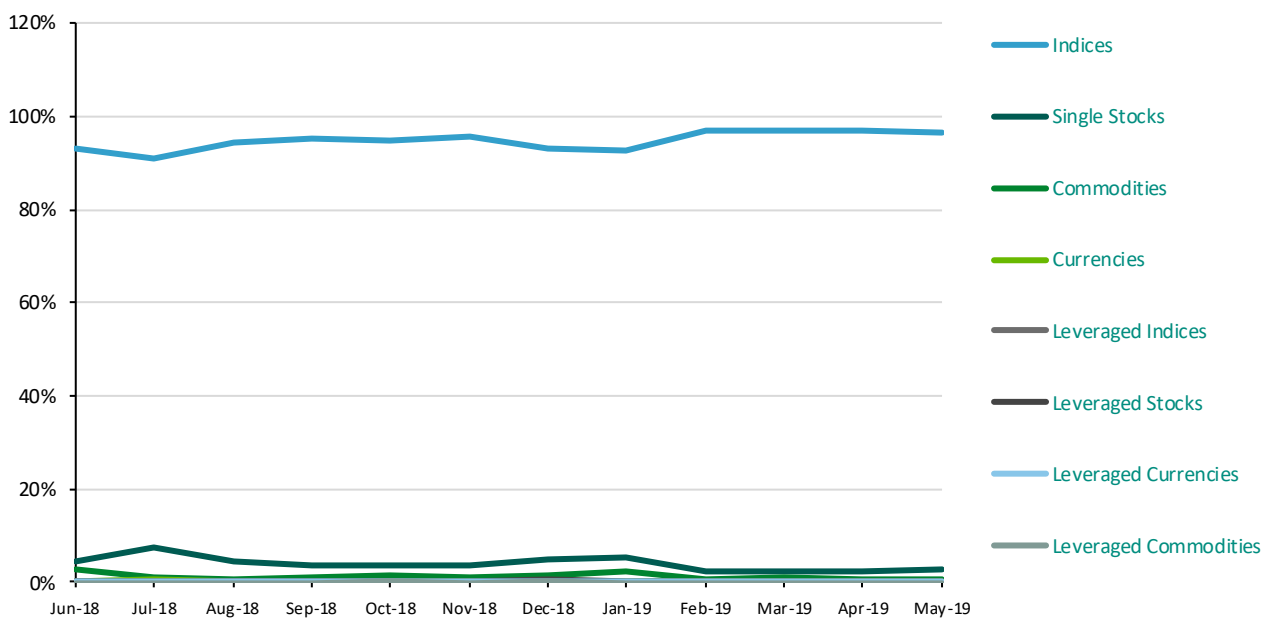
(Source Euronext)



UNDERLYING TYPES

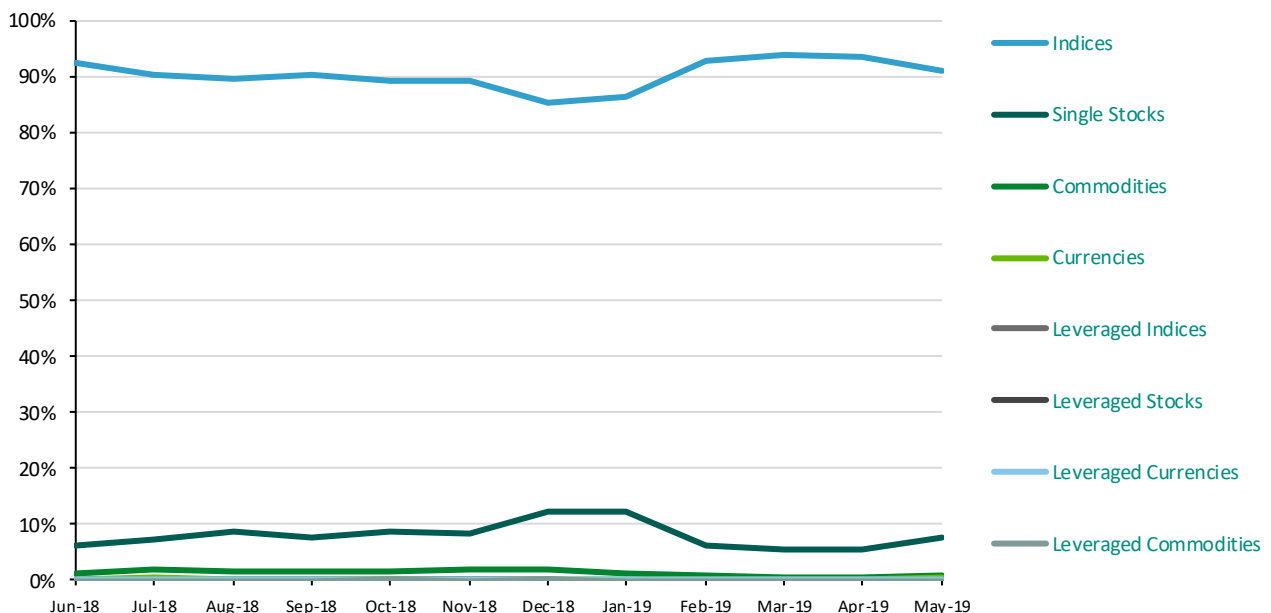
Market Trend: Value traded

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

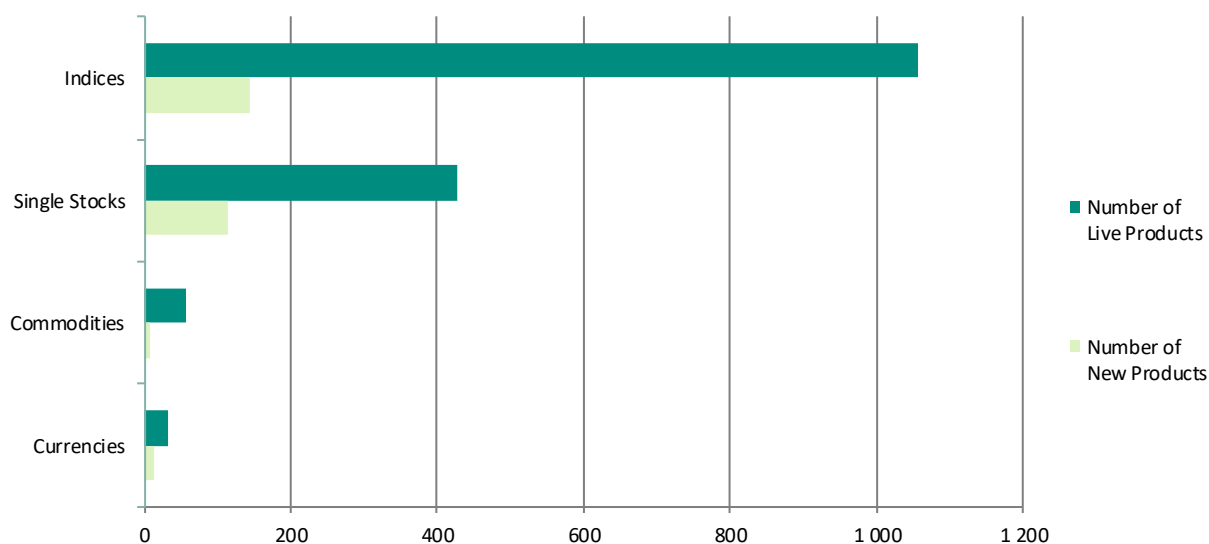
Product Overview

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	1,058	1.7%	13.9%	67.2%	145	19.8%	-41%	52.0%
Single Stocks	428	5.9%	-6.2%	27.2%	114	NA	55%	40.9%
Commodities	58	5.1%	4.5%	3.7%	8	-53%	-24%	2.9%
Currencies	31	23%	24%	2.0%	12	0.0%	71%	4.3%
Total	1,575	3.3%	5.1%	100%	279	81.2%	-17.3%	100%

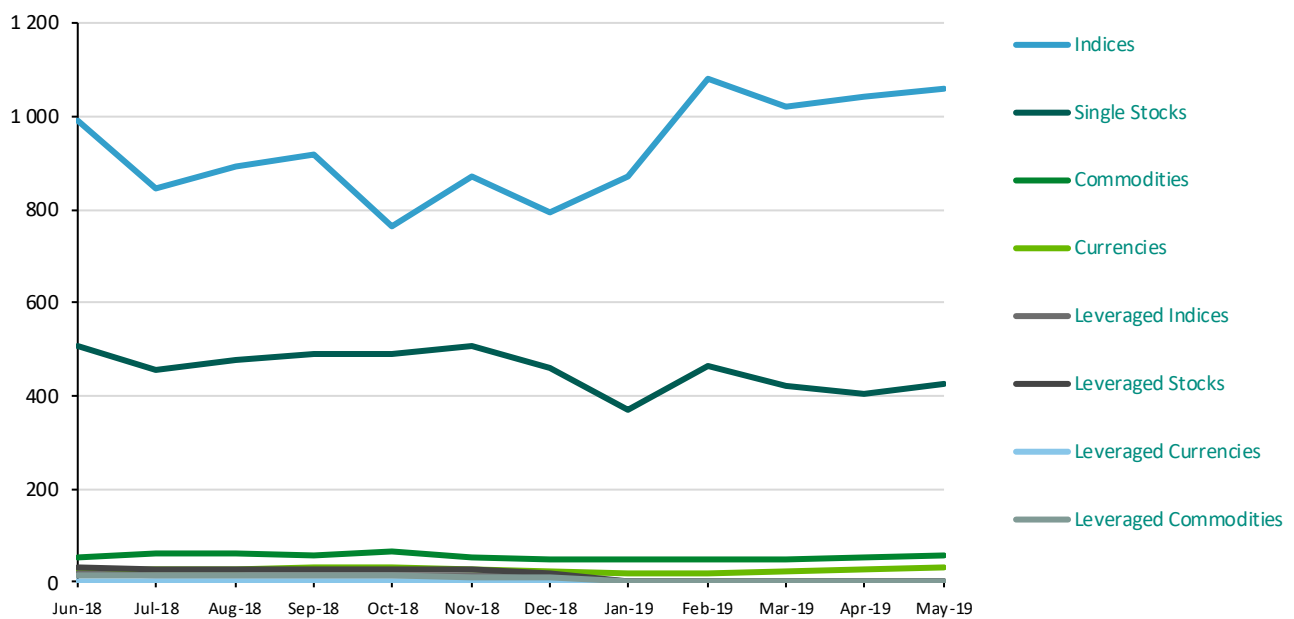
(Source Euronext)



UNDERLYING TYPES

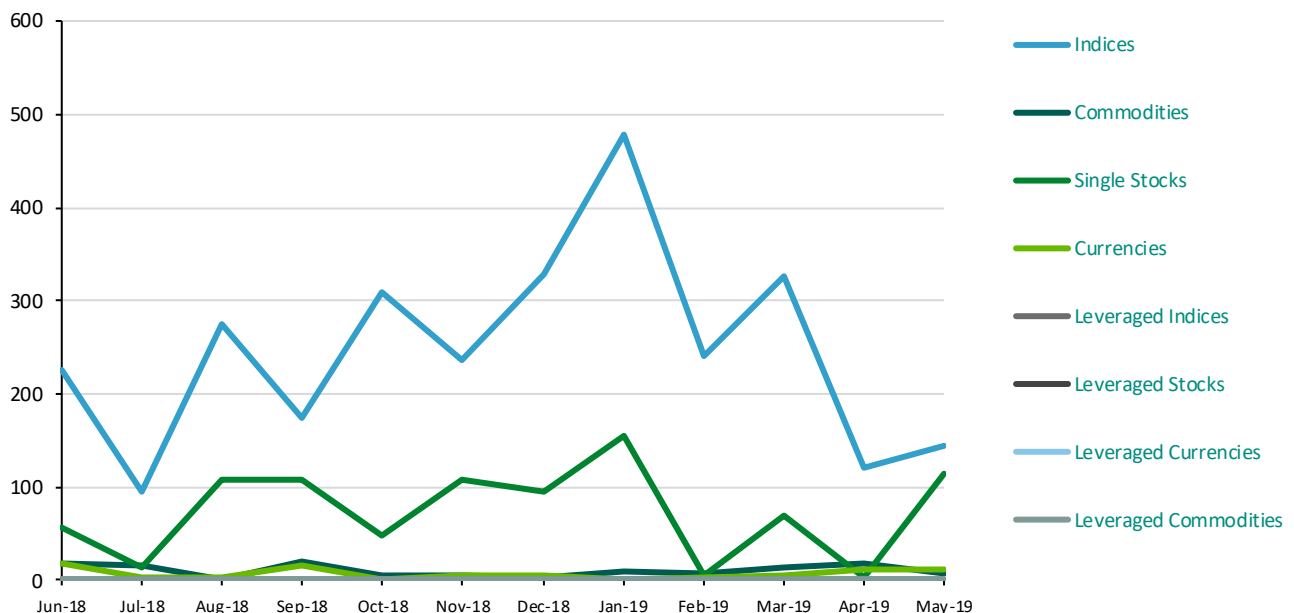
Product Trend: Number of Live Products

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

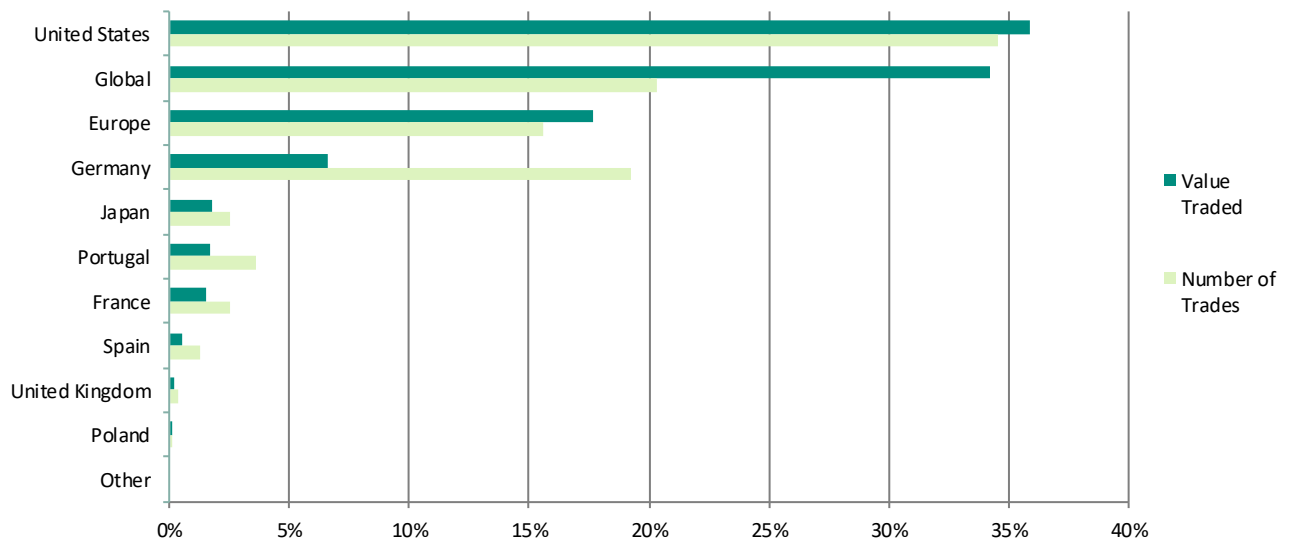
Market Overview

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	1,821	-37%	36%	35.9%	169	-23.7%	31.6%	34.6%
Global	1,739	-32%	107%	34.3%	99	-22%	90%	20.4%
Europe	895	-37%	42%	17.6%	76	-26%	44%	15.6%
Germany	334	-12.4%	-11.3%	6.6%	94	11.8%	7.3%	19.3%
Japan	90	-51%	14.8%	1.8%	12	-36%	27%	2.5%
Portugal	85	-38%	9.5%	1.7%	18	-2.6%	73%	3.6%
France	75	-44%	3.2%	1.5%	12	-32%	-8.0%	2.5%
Spain	27	-49%	-11.7%	0.5%	6.0	-19.5%	8.3%	1.2%
United Kingdom	9	-43%	-4.4%	0.2%	1.6	-33%	40%	0.3%
Poland	0	-88%	-86%	0.0%	0.0	-70%	-55%	0.0%
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	5,074	-34.4%	46.6%	100%	487	-18.9%	35.2%	100%

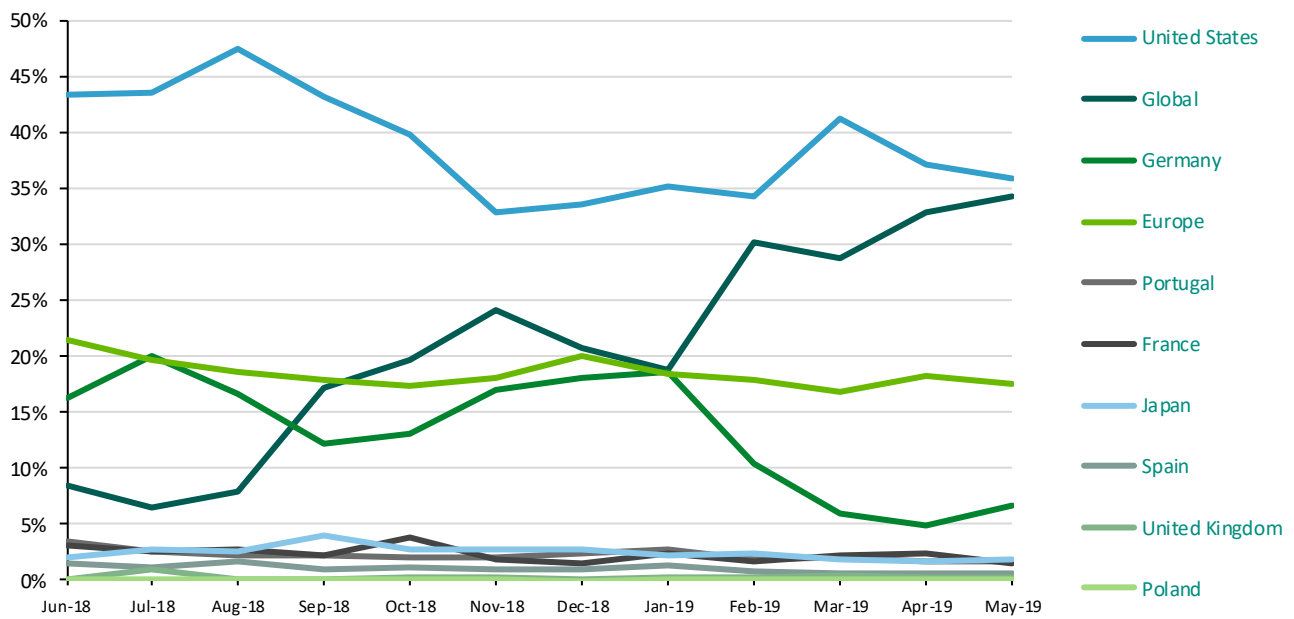
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

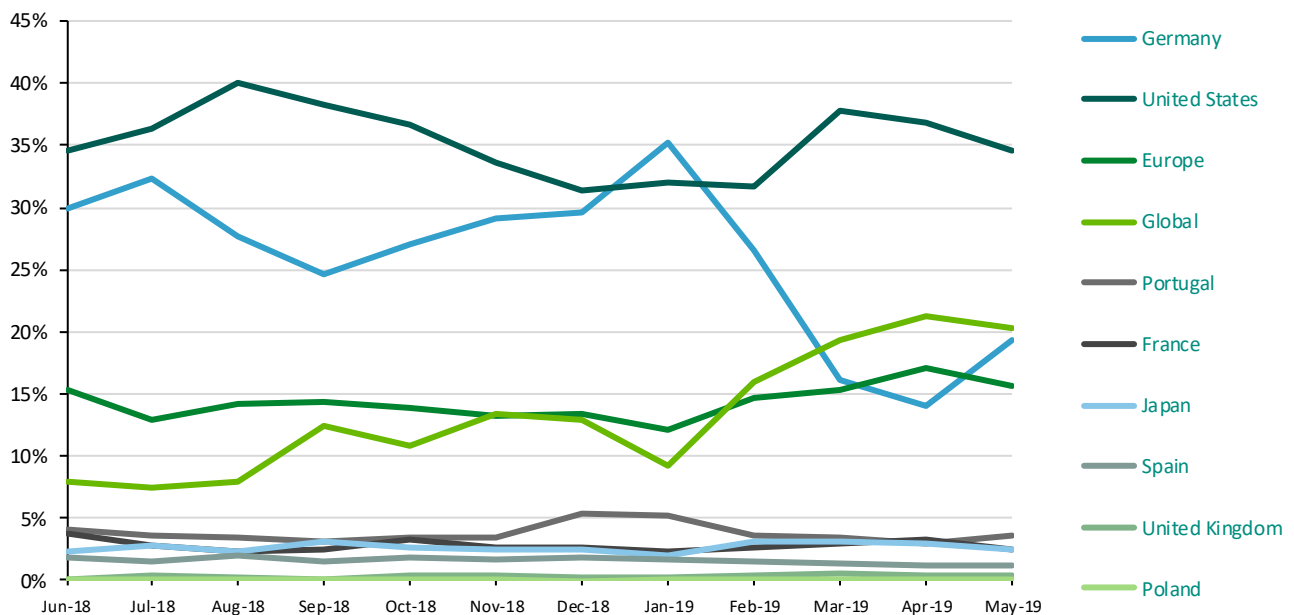
Market Trend: Value traded

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

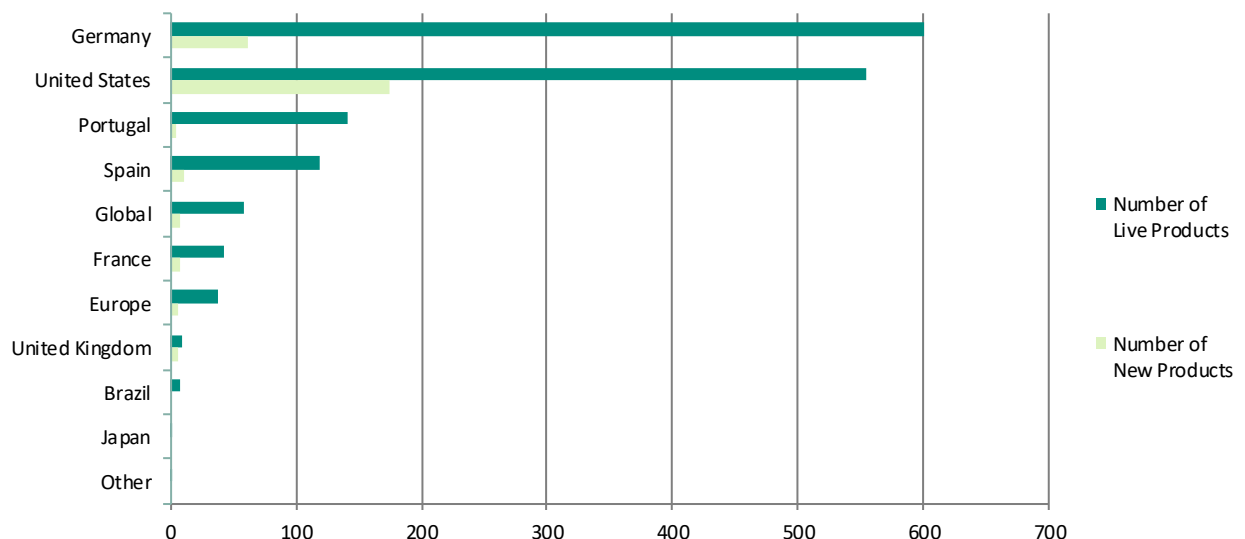
Product Overview

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
Germany	600	1.9%	17.8%	38.1%	62	-11.4%	-49%	22.2%
United States	555	9.3%	7.6%	35.3%	175	182%	16.2%	62.7%
Portugal	142	-3.7%	-26%	9.0%	4		-73%	1.4%
Spain	119	-5.1%	5.8%	7.6%	11	175%	-59%	3.9%
Global	59	7.9%	-5.5%	3.7%	8	-53%	-23%	2.9%
France	43	-4.6%	-33%	2.7%	7	600%	-10.6%	2.5%
Europe	38	2.5%	73%	2.4%	6		60%	2.2%
United Kingdom	9	15.9%	41%	0.6%	6		350%	2.2%
Brazil	7	-9.7%	25%	0.5%	0		-100%	0.0%
Japan	1	0.0%	-0.8%	0.1%	0			0.0%
Other	1	-4.5%	-81%	0.1%	0			0.0%
Total	1,575	3.3%	5.1%	100%	279	81.2%	-17.3%	100%

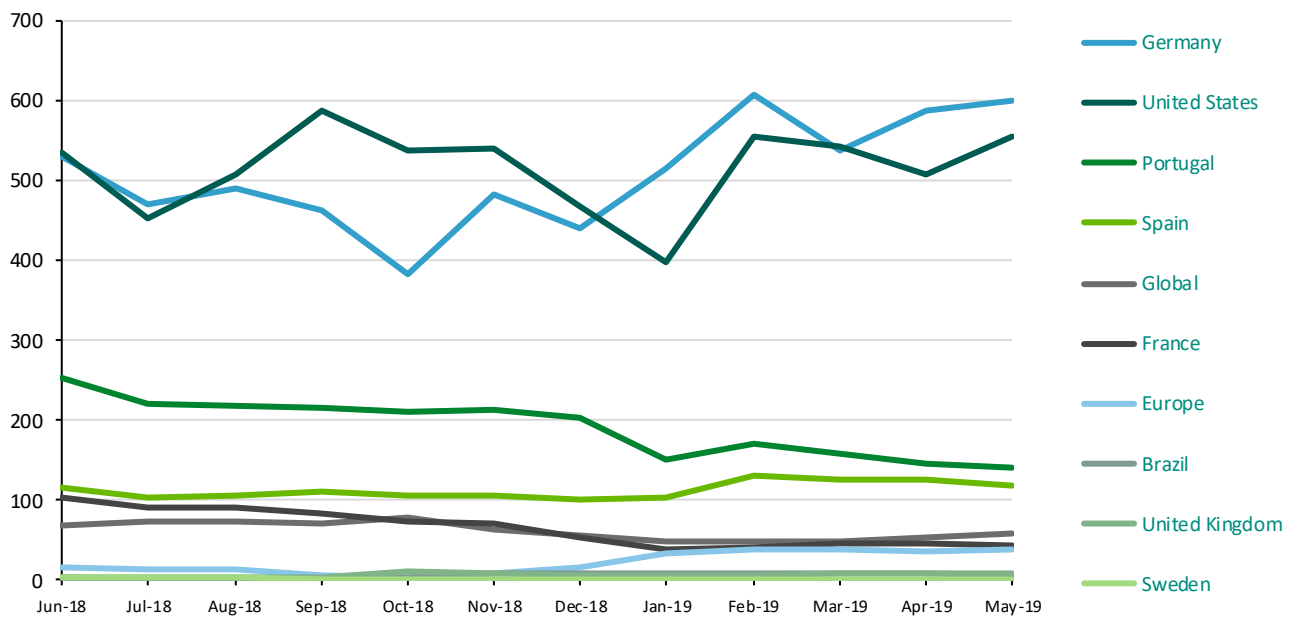
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

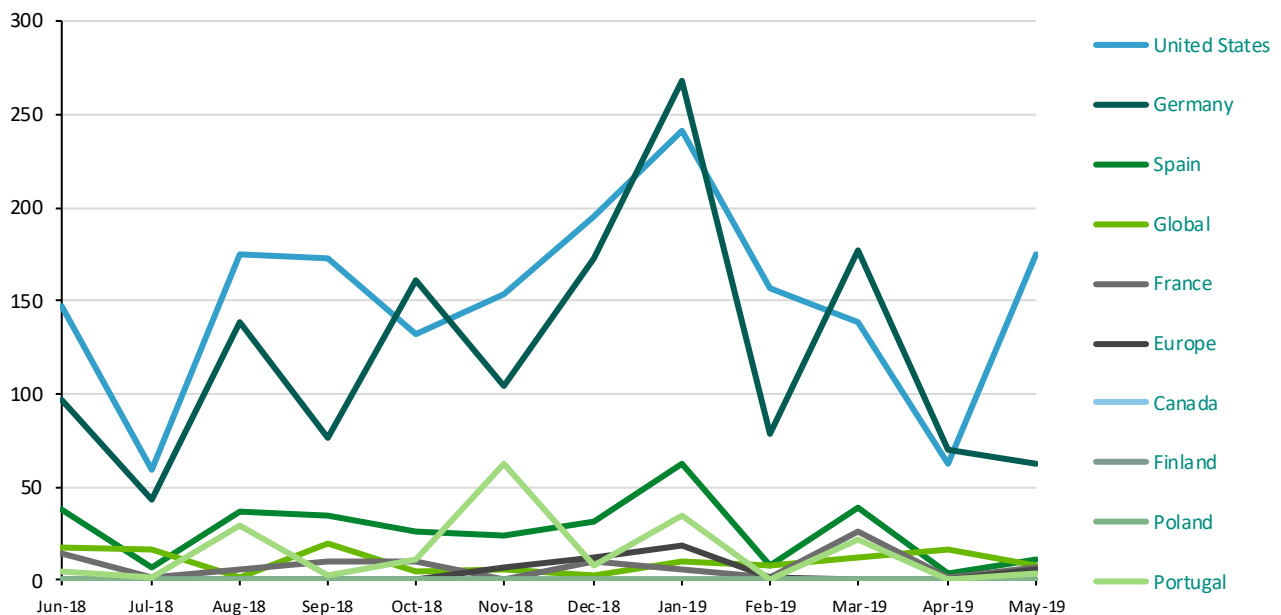
Product Trend: Number of Live Products

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

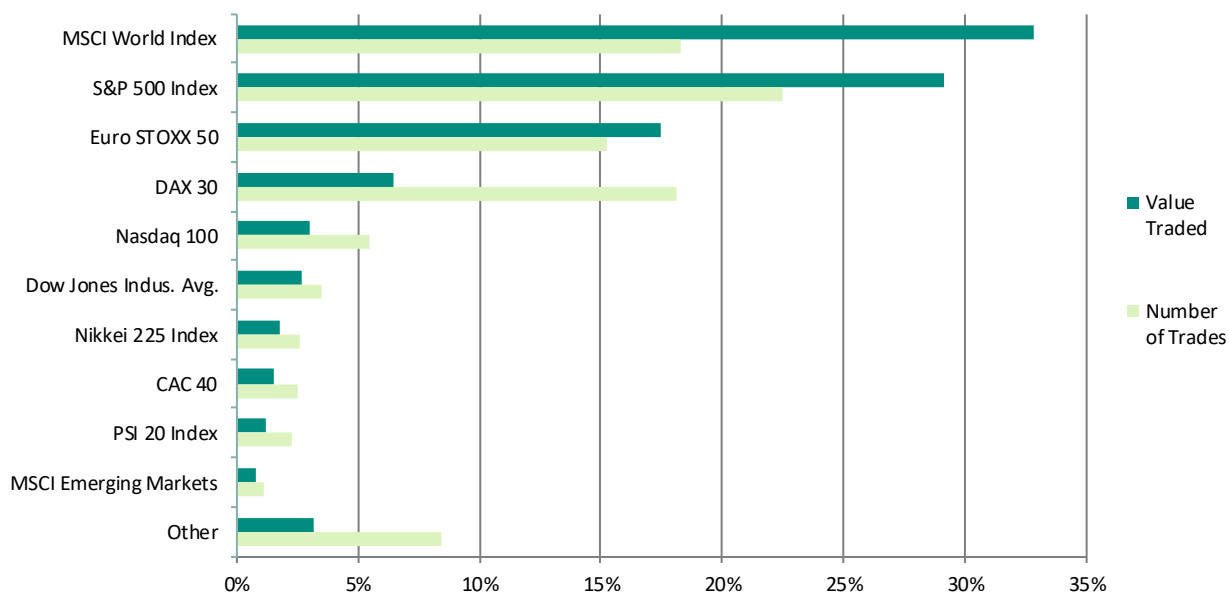
Market Overview

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
MSCI World Index	1,667	-31%	70%	32.9%	89	-20.1%	18.9%	18.3%
S&P 500 Index	1,480	-37%	94%	29.2%	109	-30%	167%	22.5%
Euro STOXX 50	888	-36%	43%	17.5%	75	-26%	45%	15.3%
DAX 30	327	-13.0%	-10.7%	6.5%	89	9.9%	5.6%	18.2%
Nasdaq 100	152	-43%	-24%	3.0%	27	-1.3%	-6.2%	5.5%
Dow Jones Indus. Avg.	135	-42%	5.4%	2.7%	17	-32%	21%	3.5%
Nikkei 225 Index	90	-51%	14.8%	1.8%	12	-36%	27%	2.5%
CAC 40	75	-45%	-2.8%	1.5%	12	-33%	21%	2.5%
PSI 20 Index	59	-49%	-3.4%	1.2%	11	-25%	15.6%	2.2%
MSCI Emerging Markets	40	-51%	-6.4%	0.8%	5.5	-52%	-18.7%	1.1%
Other	161	-19.7%	10.5%	3.2%	41	14.6%	33%	8.4%
Total	5,074	-34.4%	46.6%	100%	487	-18.9%	35.2%	100%

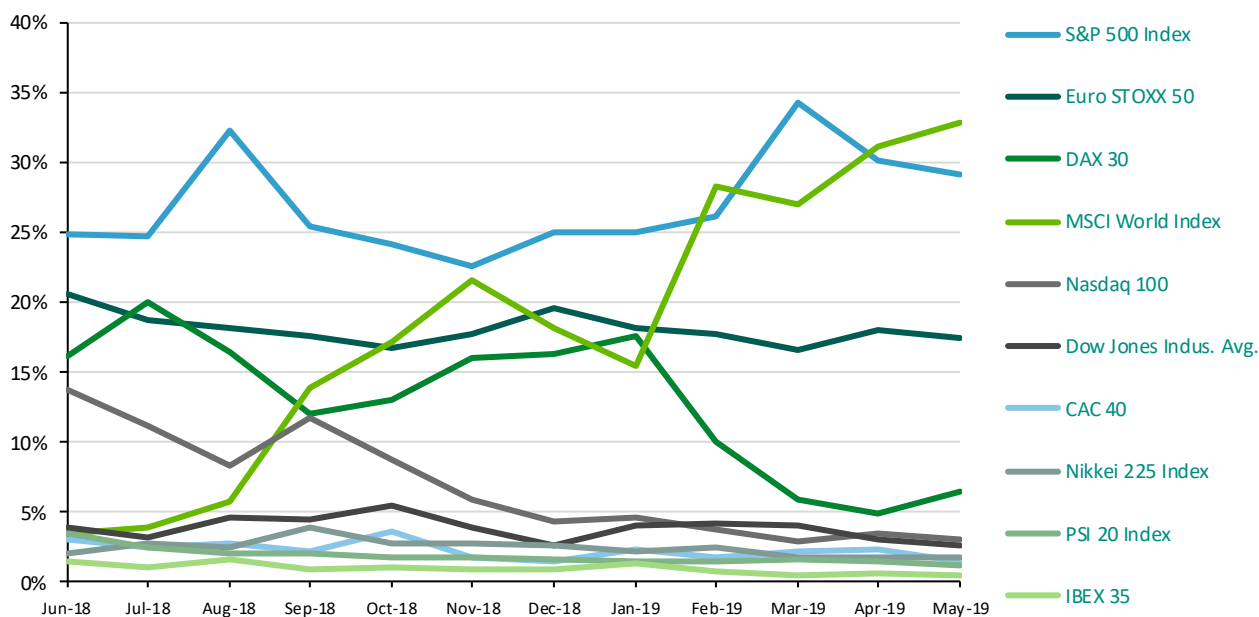
(Source Euronext)



TOP 10 UNDERLYINGS

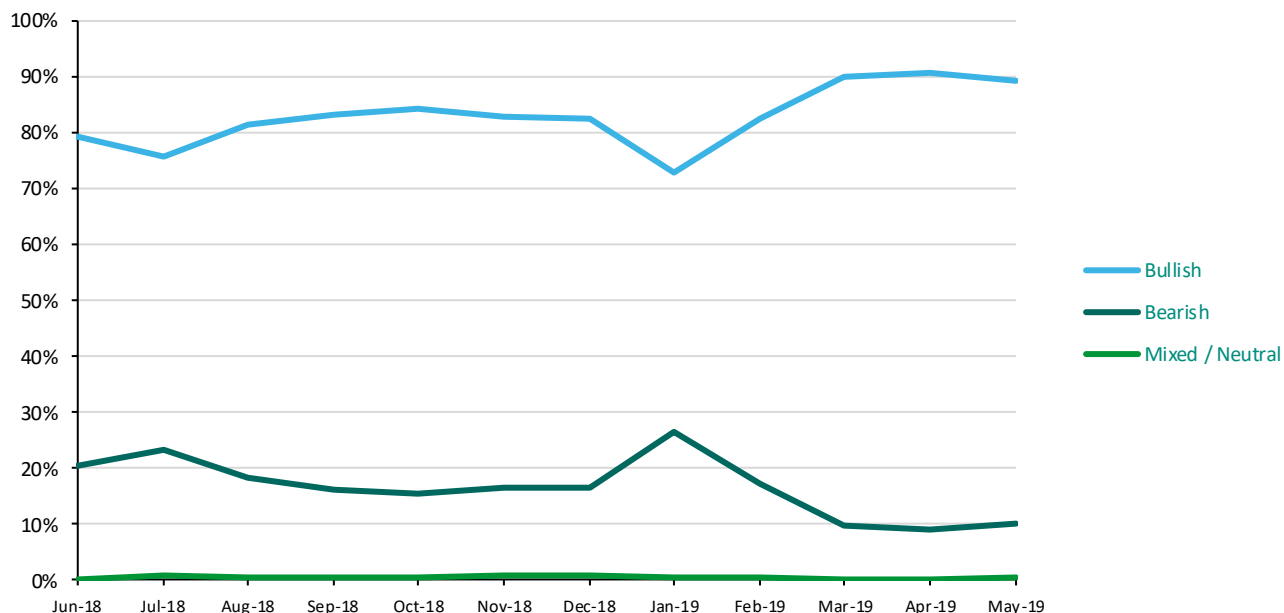
Market Trend: Value traded

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

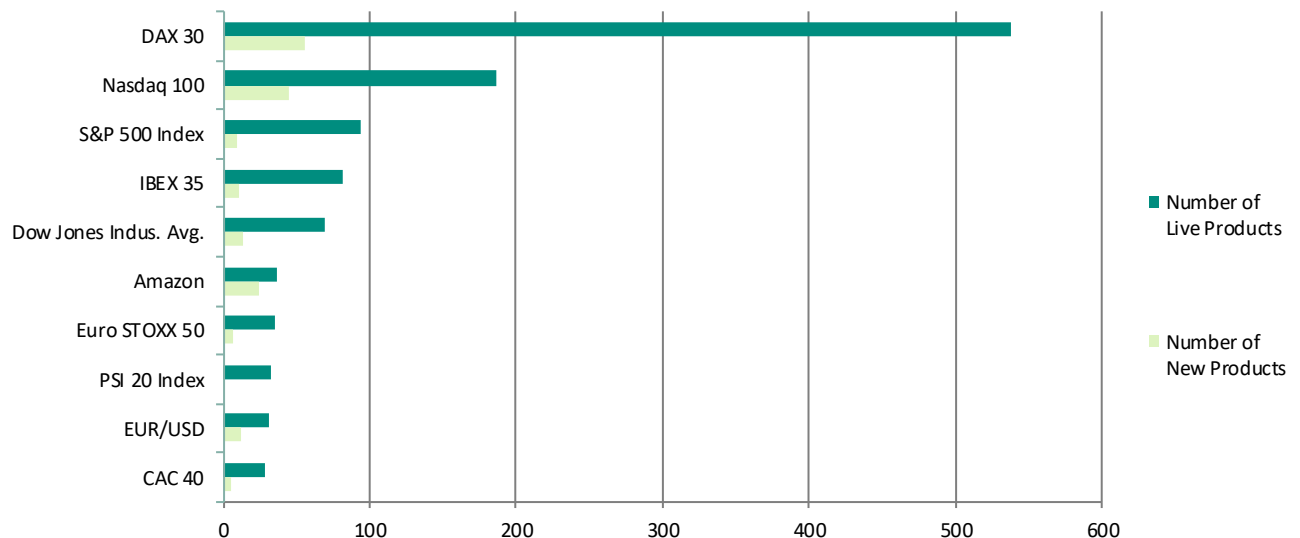
Product Overview

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	537	2.2%	22%	34.1%	56	-20.0%	-51%	20.1%
Nasdaq 100	186	5.7%	15.4%	11.8%	45	32%	-25%	16.1%
S&P 500 Index	93	1.8%	18.1%	5.9%	9	80%	-42%	3.2%
IBEX 35	82	-2.4%	-3.5%	5.2%	11	175%	-52%	3.9%
Dow Jones Indus. Avg.	69	-0.2%	-4.4%	4.4%	13	86%	-41%	4.7%
Amazon	37	32%	-4.6%	2.3%	24		81%	8.6%
Euro STOXX 50	35	2.7%	84%	2.2%	6		60%	2.2%
PSI 20 Index	32	-6.6%	-34%	2.1%	0		-100%	0.0%
EUR/USD	31	23%	24%	2.0%	12	0.0%	71%	4.3%
CAC 40	28	-5.3%	-42%	1.8%	5	400%	-16.7%	1.8%
Other	443	4.0%	-7.5%	28.1%	98			35.1%
Total	1,575	3.3%	5.1%	100%	279	81.2%	-17.3%	100%

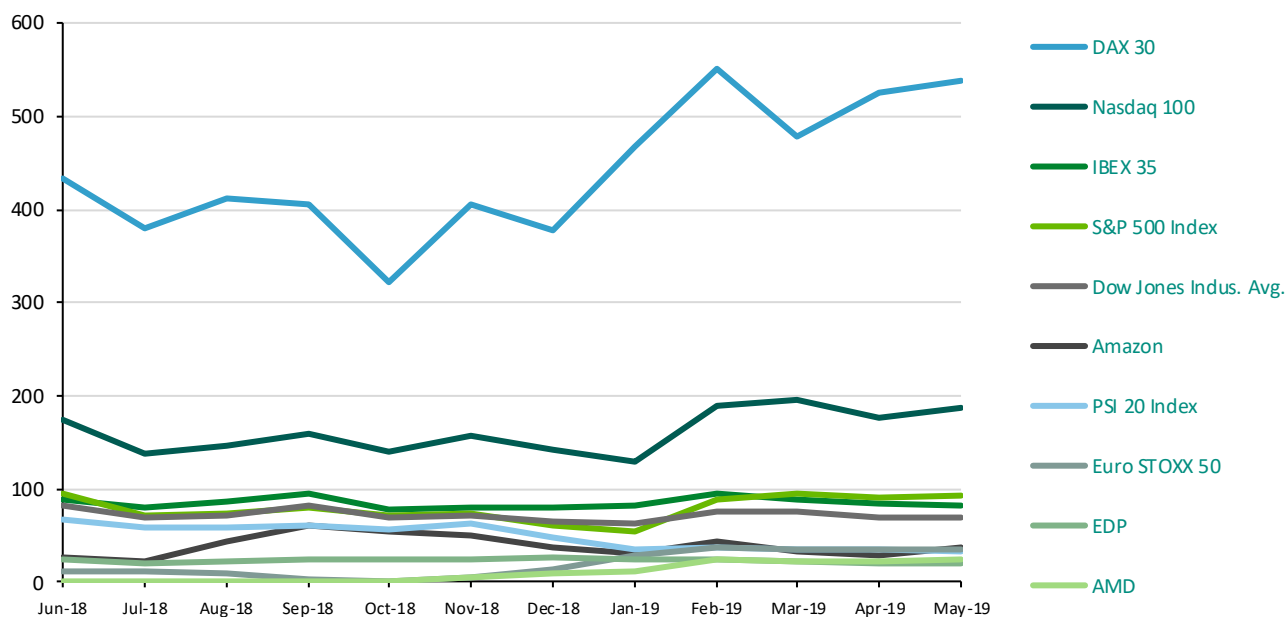
(Source Euronext)



TOP 10 UNDERLYINGS

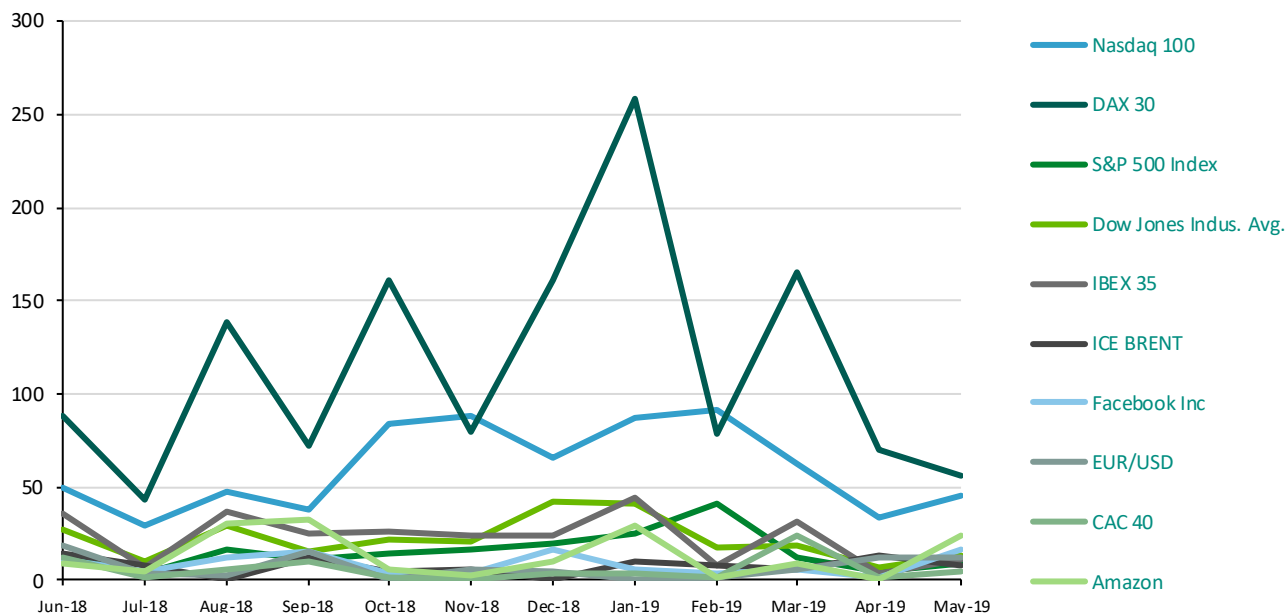
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	73,358	3,930
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	42,142	2,402
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	39,062	3,278
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	22,450	2,244
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,403	660
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	5,603	598
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	4,805	370
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	3,976	546
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	3,240	456
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	2,604	474
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	1,770	242
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	1,156	224
DE000CV3LMH1	Commerzbank	2100	Warrants	Galp Energia	902	104
DE000CP6NKF6	Citi	2200	Knock-Out Warrants	DAX 30	763	116
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	717	64
DE000CP6NHA3	Citi	2200	Knock-Out Warrants	DAX 30	590	132
DE000CP6NHG0	Citi	2200	Knock-Out Warrants	Amazon	587	126
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	472	30
DE000CJ36V83	Commerzbank	2200	Knock-Out Warrants	DAX 30	436	204
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	371	70
DE000CJ36AK5	Commerzbank	2100	Warrants	Nasdaq 100	359	120
DE000CQ4D6D0	Citi	2100	Warrants	S&P 500 Index	325	12
DE000CP6NFX9	Citi	2200	Knock-Out Warrants	DAX 30	310	64
DE000CP6NC79	Citi	2200	Knock-Out Warrants	Alphabet	282	80
DE000CP1CRN9	Citi	2100	Warrants	DAX 30	238	110
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	227	40
DE000CP6NGH0	Citi	2200	Knock-Out Warrants	DAX 30	214	80
DE000CP6NGC1	Citi	2200	Knock-Out Warrants	Facebook Inc	212	34
DE000CJ36UT4	Commerzbank	2200	Knock-Out Warrants	DAX 30	209	188
DE000CJ36X16	Commerzbank	2200	Knock-Out Warrants	DAX 30	201	132
DE000CJ36UY4	Commerzbank	2200	Knock-Out Warrants	DAX 30	200	100
DE000CP6NB13	Citi	2200	Knock-Out Warrants	DAX 30	195	60
DE000CP6NHL0	Citi	2200	Knock-Out Warrants	Facebook Inc	190	44
DE000CP6NJQ5	Citi	2200	Knock-Out Warrants	DAX 30	178	42
DE000CP6NEC6	Citi	2200	Knock-Out Warrants	Nasdaq 100	175	44
DE000CP6NFV3	Citi	2200	Knock-Out Warrants	DAX 30	162	48
DE000CP6NJS1	Citi	2200	Knock-Out Warrants	Nasdaq 100	153	24
DE000CP6NFS9	Citi	2200	Knock-Out Warrants	DAX 30	149	32
DE000CJ36X81	Commerzbank	2200	Knock-Out Warrants	DAX 30	145	30
DE000CJ36W25	Commerzbank	2200	Knock-Out Warrants	DAX 30	144	66
DE000CJ36VT2	Commerzbank	2200	Knock-Out Warrants	EUR/USD	142	6
DE000CV3LA17	Commerzbank	2100	Warrants	DAX 30	141	28
DE000CJ36W17	Commerzbank	2200	Knock-Out Warrants	DAX 30	135	66
DE000CP6NGN8	Citi	2200	Knock-Out Warrants	DAX 30	134	42
DE000CJ361G1	Commerzbank	2200	Knock-Out Warrants	EUR/USD	132	42
DE000CP6NE36	Citi	2200	Knock-Out Warrants	Nasdaq 100	131	32
DE000CP6NGJ6	Citi	2200	Knock-Out Warrants	DAX 30	126	28
DE000CP1CQM3	Citi	2100	Warrants	DAX 30	120	22
DE000CA21AM2	Commerzbank	2100	Warrants	Apple Computer Inc.	118	94
DE000CV3LA41	Commerzbank	2100	Warrants	DAX 30	115	30

(Source Euronext)



Euronext Paris

ISSUERS

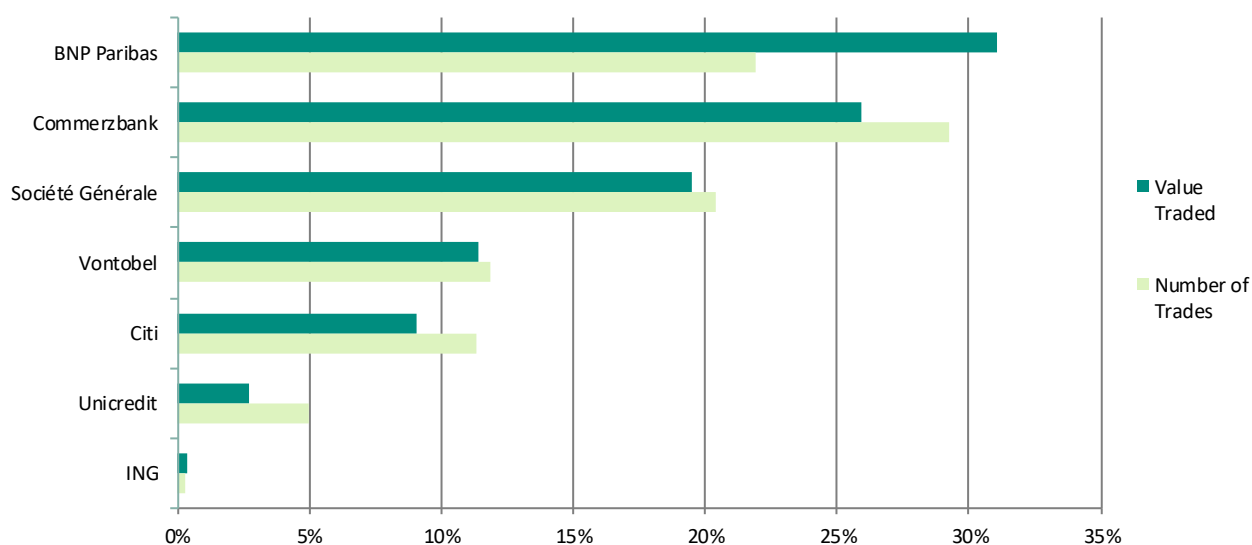
Market Overview

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
BNP Paribas	4,124	-22%	4.9%	31.1%	1,115	17.9%	-30.6%	21.9%
Commerzbank	3,439	19.0%	3.5%	25.9%	1,491	23.8%	58.7%	29.3%
Société Générale	2,588	22%	-7.0%	19.5%	1,038	33.9%	12.4%	20.4%
Vontobel	1,515	50%	-4.2%	11.4%	604	14.6%	-18.8%	11.9%
Citi	1,207	101%	72%	9.1%	576	69.0%	68.6%	11.3%
Unicredit	359	33%	0.4%	2.7%	255	33.1%	22.3%	5.0%
ING	44	-5.0%	-31%	0.3%	16	-17.1%	-44.4%	0.3%
Total	13,276	8.4%	4.2%	100%	5,095	27.3%	6.3%	100%

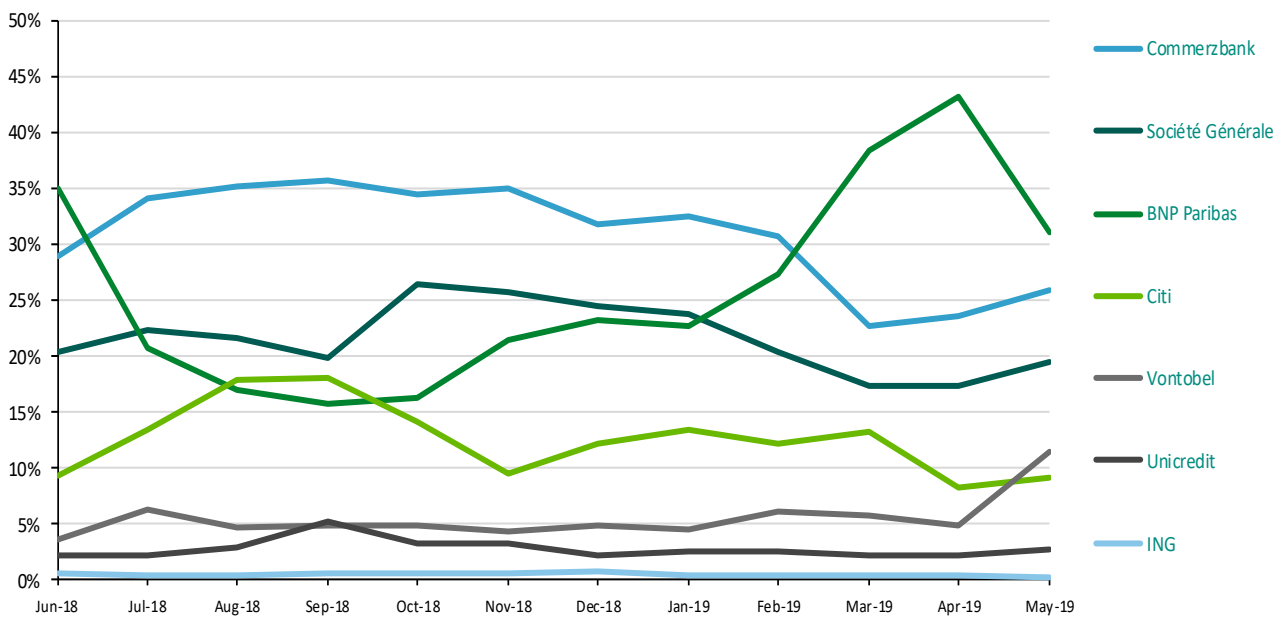
(Source Euronext)



ISSUERS

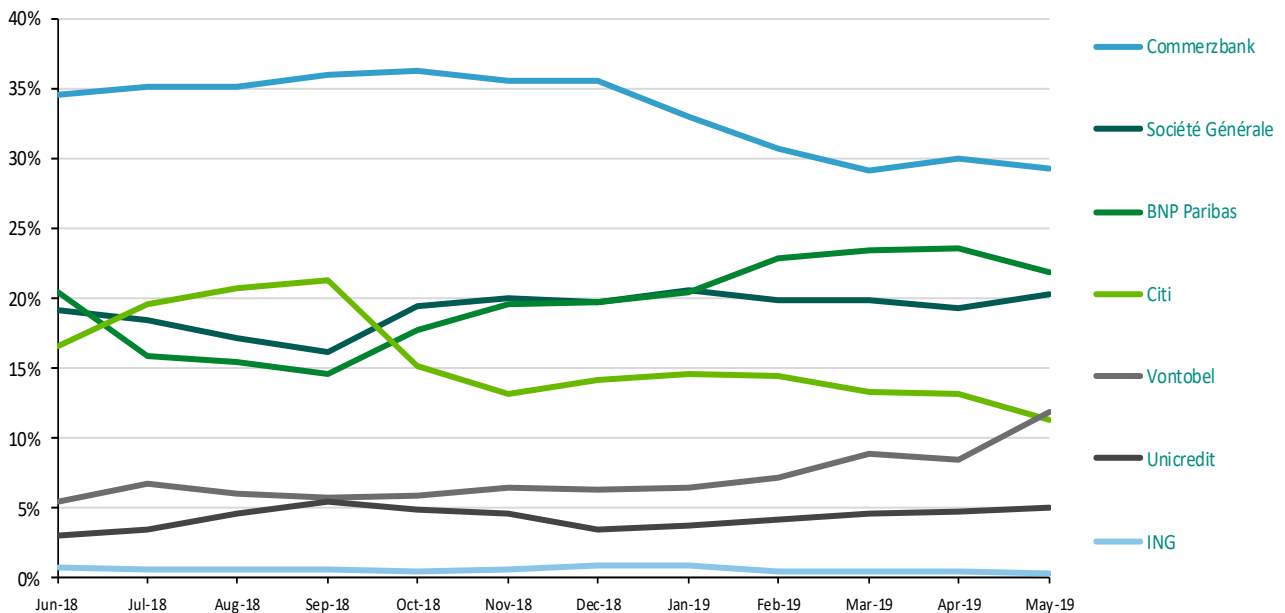
Market Trend: Value traded

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

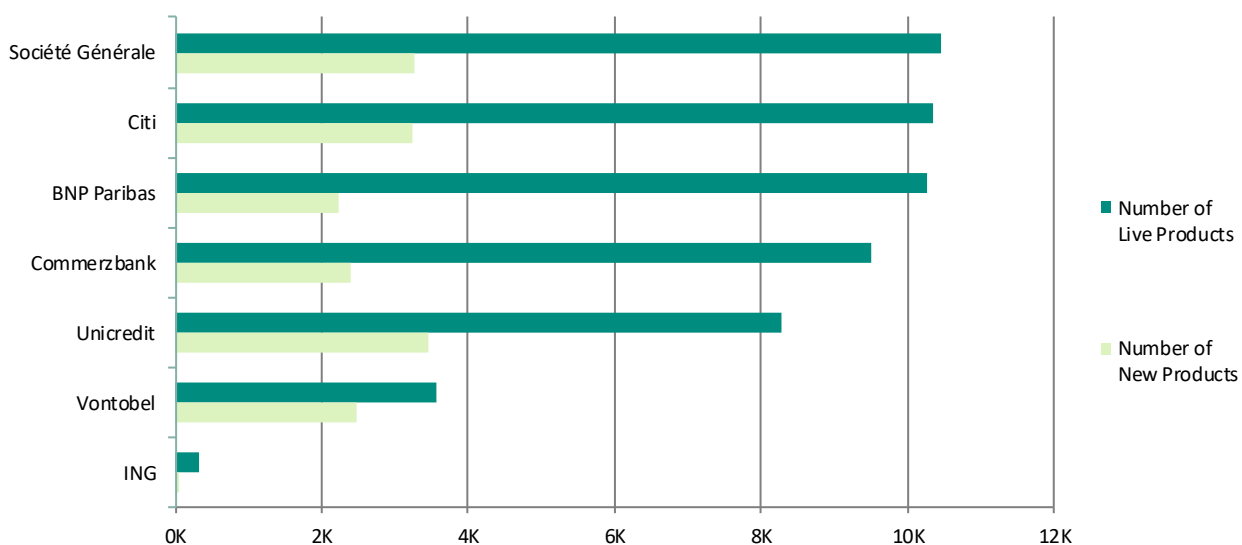
Product Overview

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
Société Générale	10,471	2.2%	14.8%	19.8%	3,262	-4.1%	10.9%	19.1%
Citi	10,354	8.4%	14.1%	19.6%	3,230	-3.5%	9.8%	18.9%
BNP Paribas	10,280	7.5%	35%	19.5%	2,238	-8.3%	-2.0%	13.1%
Commerzbank	9,521	8.6%	4.0%	18.0%	2,381	38%	15.8%	13.9%
Unicredit	8,282	6.3%	13.3%	15.7%	3,462	57%	77%	20.3%
Vontobel	3,571	5.4%	4.7%	6.8%	2,473	20%	45%	14.5%
ING	328	-1.9%	-6.9%	0.6%	35	67%	62%	0.2%
Total	52,805	6.4%	14.7%	100%	17,081	12.4%	22.8%	100%

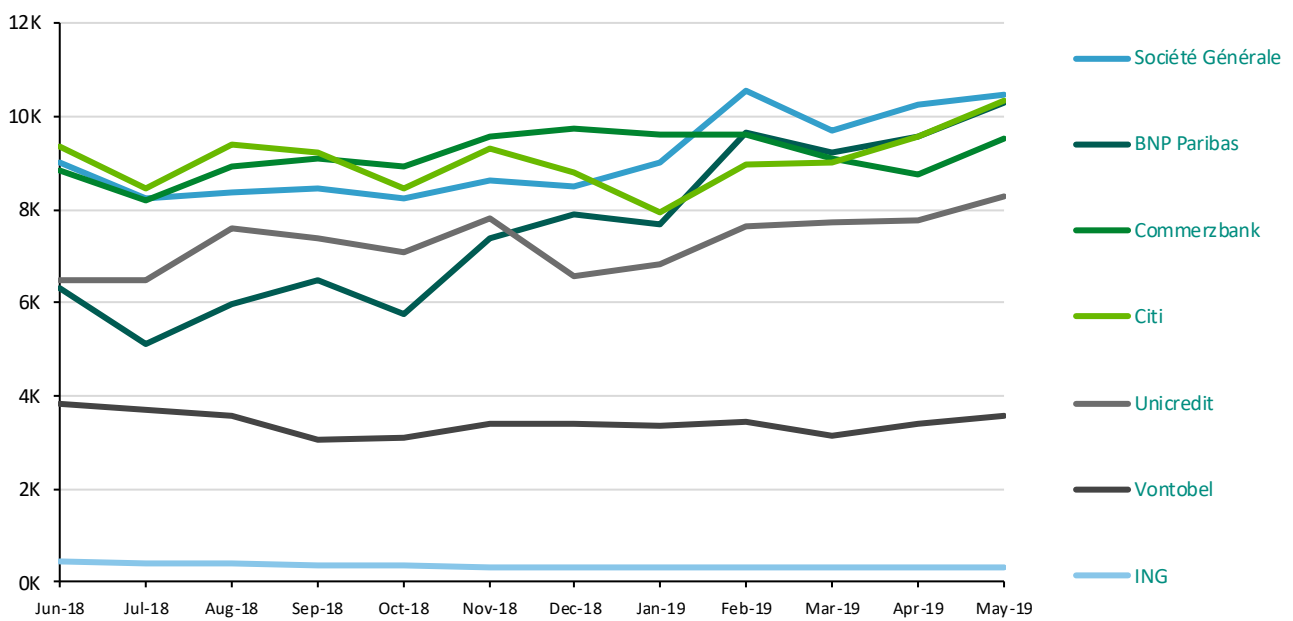
(Source Euronext)



ISSUERS

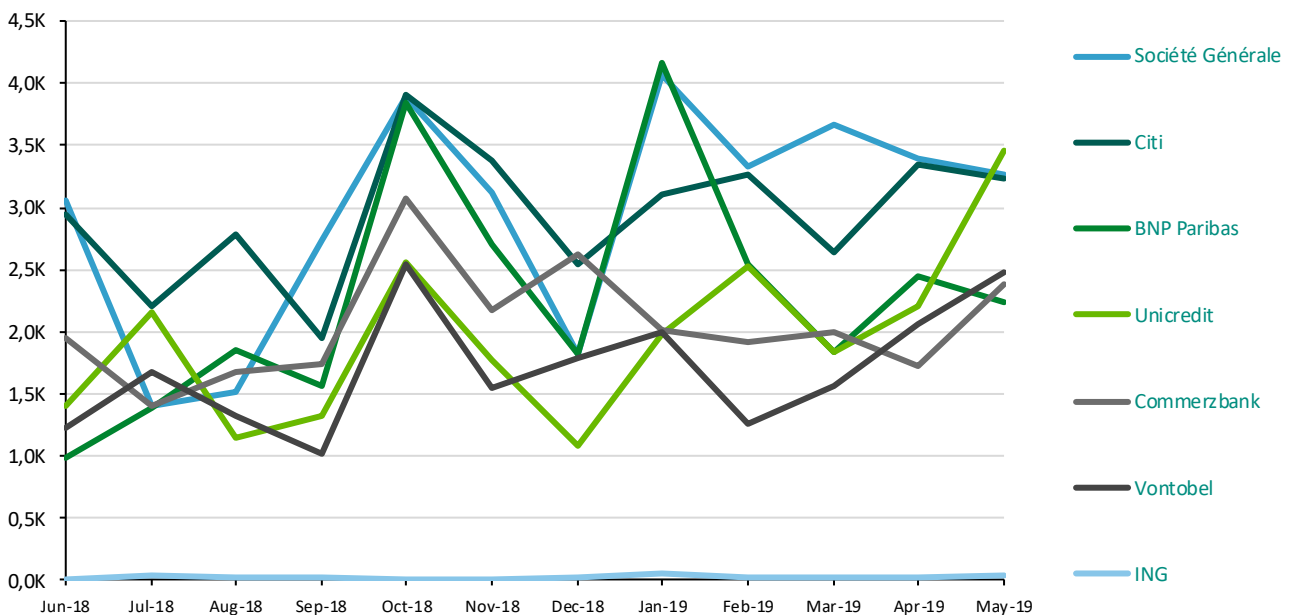
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each issuer 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)

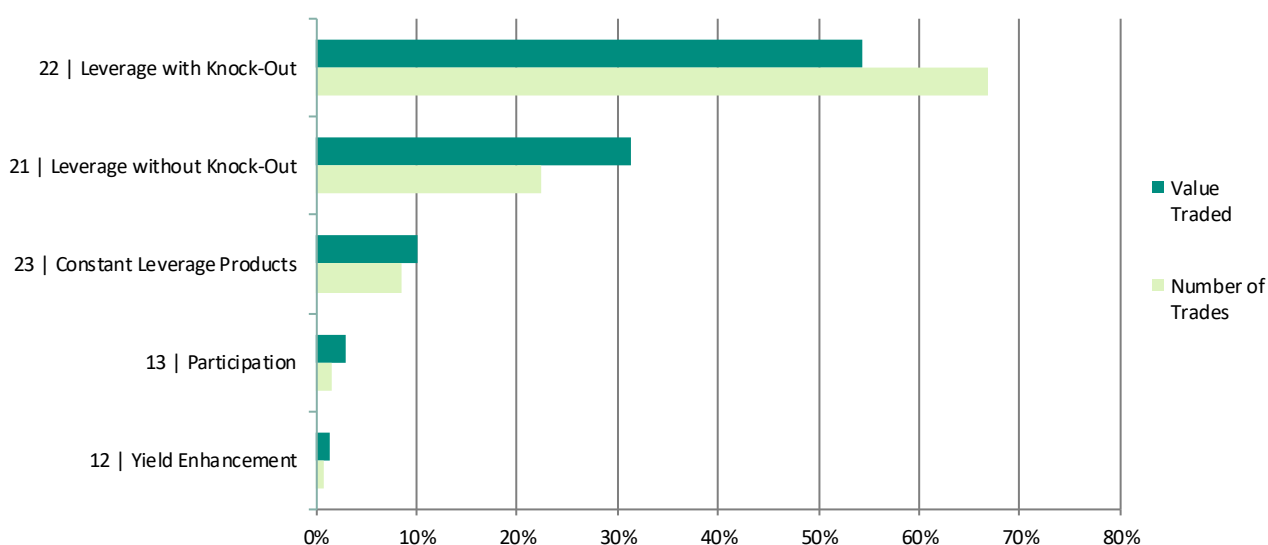
Market Overview

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	7,214	40%	9.5%	54.3%	3,411	258.1%	9.3%	66.9%
21 Leverage without Knock-Out	4,150	-19.3%	10.5%	31.3%	1,141	-57.0%	3.7%	22.4%
23 Constant Leverage Products	1,347	4.8%	-23%	10.1%	429	48.8%	-6.9%	8.4%
13 Participation	381	2.9%	-5.0%	2.9%	75	22.4%	21.1%	1.5%
12 Yield Enhancement	184	-37%	-24%	1.4%	39	-20.4%	-19.1%	0.8%
Total	13,276	8.4%	4.2%	100%	5,095	27.3%	6.3%	100%

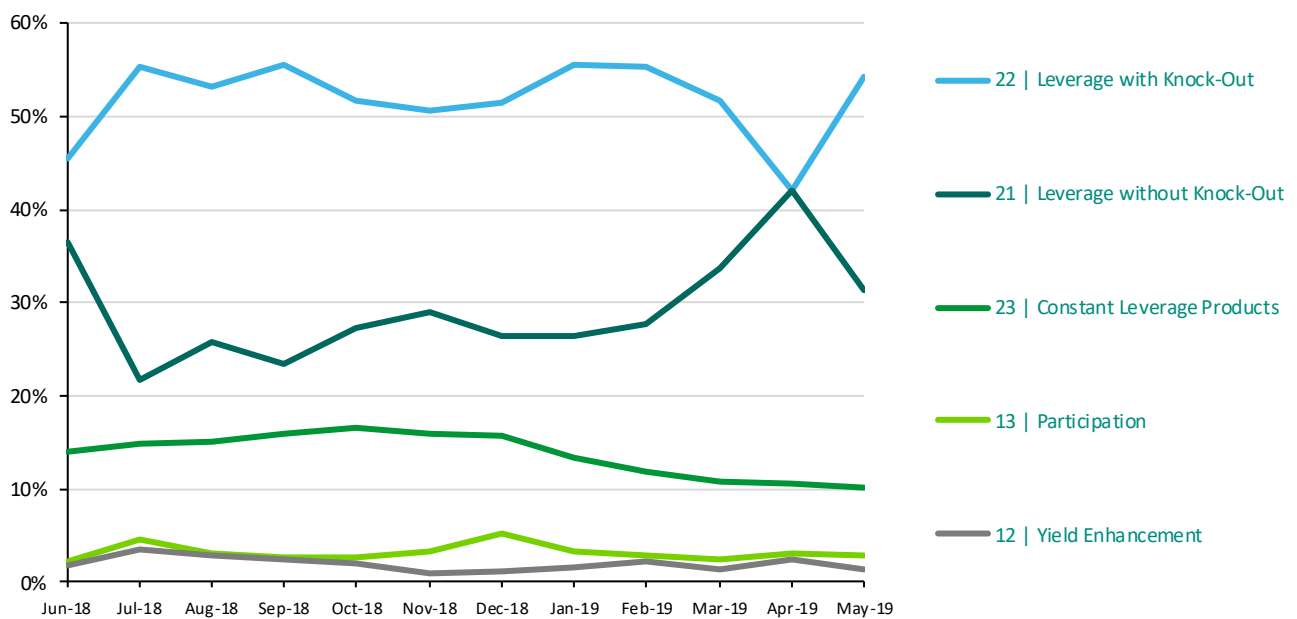
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

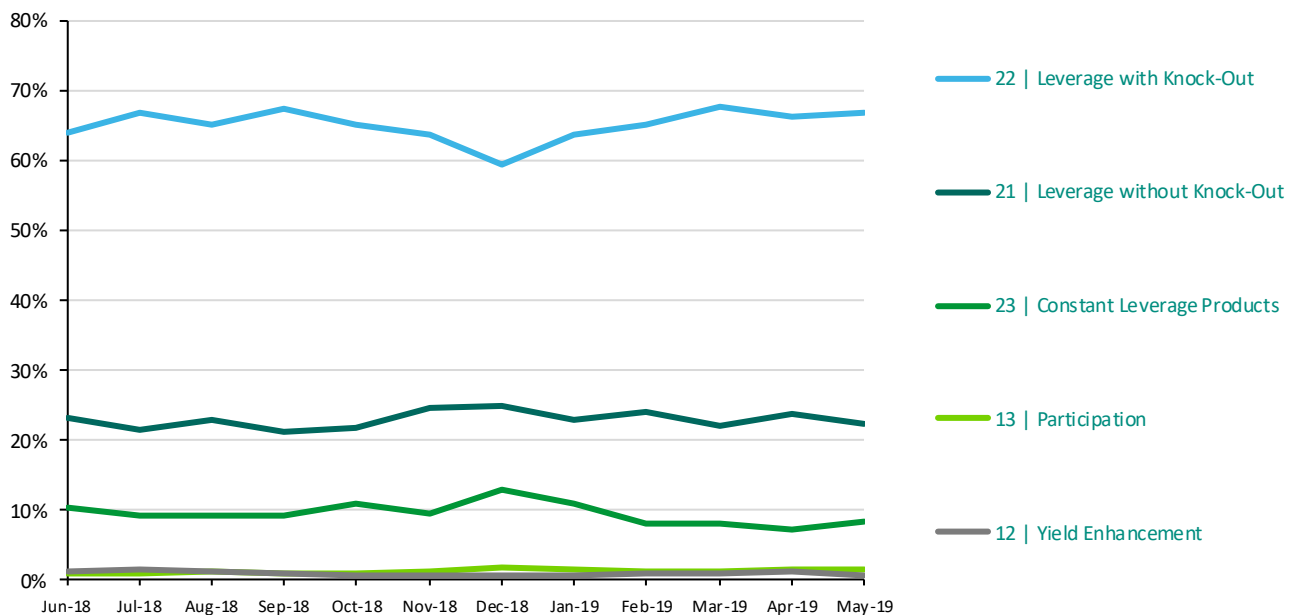
Market Trend: Value traded

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)

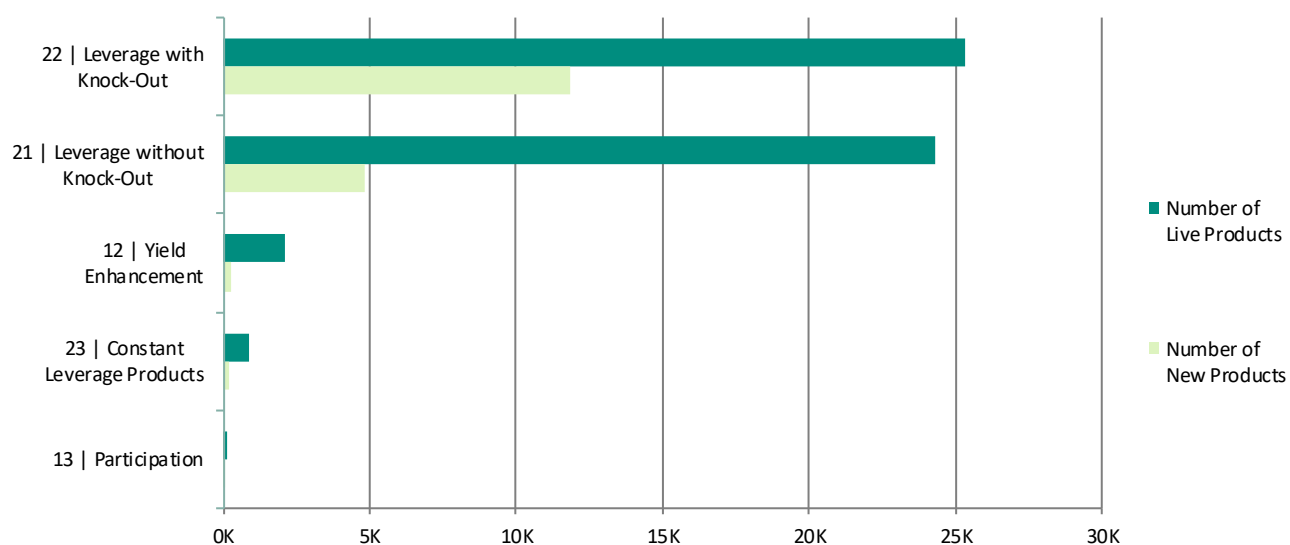
Product Overview

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	25,362	5.0%	12.3%	48.0%	11,860	11.6%	23%	69.4%
21 Leverage without Knock-Out	24,344	8.9%	16.8%	46.1%	4,811	8.0%	19.8%	28.2%
12 Yield Enhancement	2,110	-2.3%	27%	4.0%	244	917%	9.1%	1.4%
23 Constant Leverage Products	859	4.4%	8.4%	1.6%	165	83%	298%	1.0%
13 Participation	131	-2.2%	-11.9%	0.2%	1		-71%	0.0%
Total	52,805	6.4%	14.7%	100%	17,081	12.4%	22.8%	100%

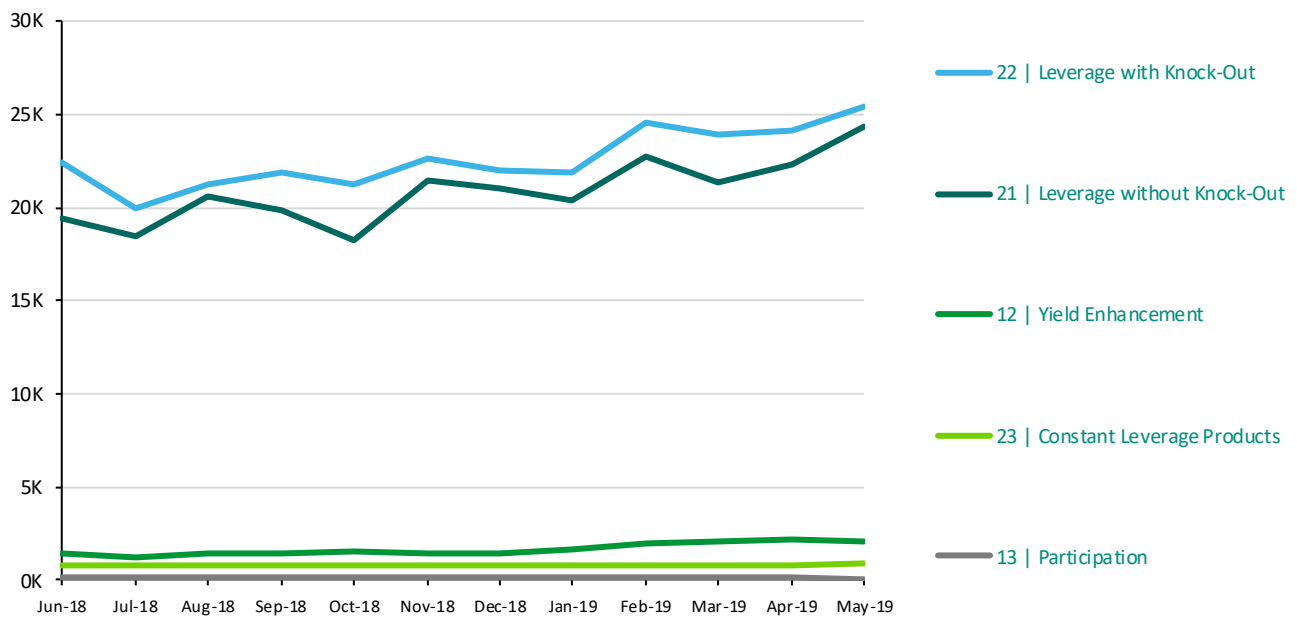
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

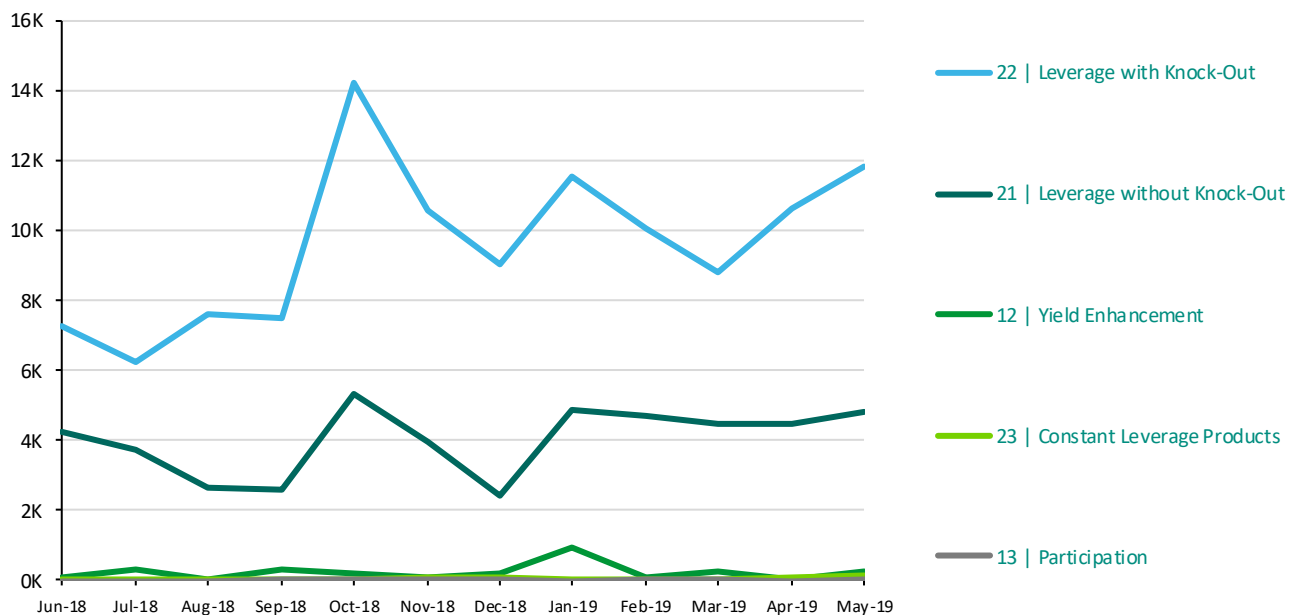
Product Trend: Number of Live Products

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)

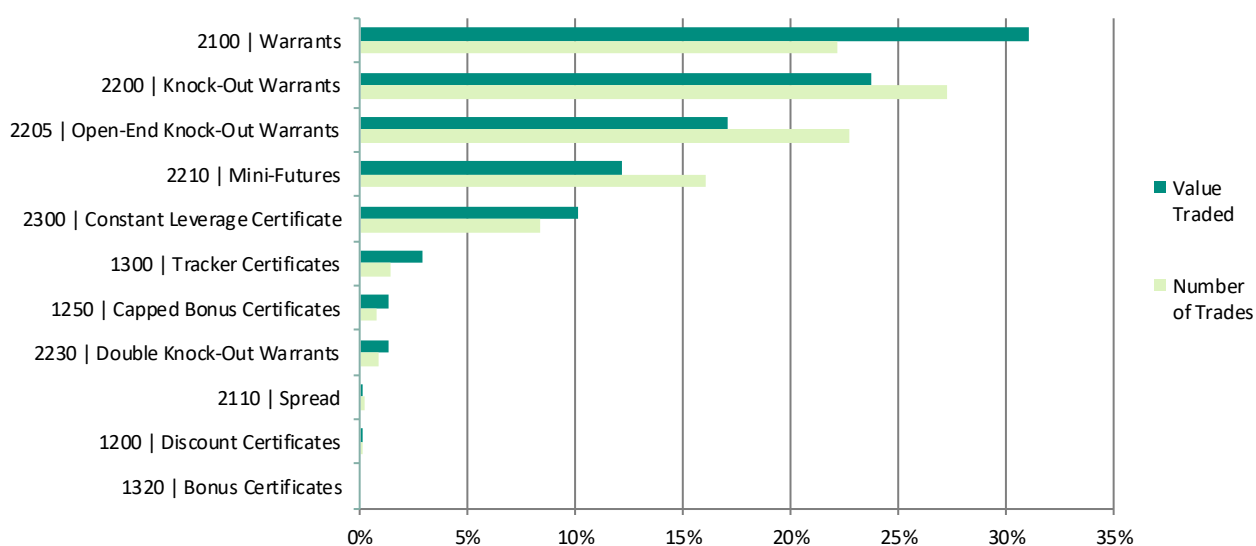
Market Overview

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	4,132	-19.9%	10.8%	31.1%	1,131	19.2%	3.6%	22.2%
2200 Knock-Out Warrants	3,157	58%	9.8%	23.8%	1,391	41%	10.7%	27.3%
2205 Open-End Knock-Out Warrants	2,264	41%	21%	17.1%	1,159	37%	18.0%	22.8%
2210 Mini-Futures	1,614	15.7%	-9.0%	12.2%	817	3.9%	-5.2%	16.0%
2300 Constant Leverage Certificate	1,347	4.8%	-23%	10.1%	429	49%	-6.9%	8.4%
1300 Tracker Certificates	381	3.3%	-4.7%	2.9%	75	23%	22%	1.5%
1250 Capped Bonus Certificates	183	-37%	-24%	1.4%	39	-20%	-19.0%	0.8%
2230 Double Knock-Out Warrants	179	29%	135%	1.3%	44	25%	105%	0.9%
2110 Spread	18	315%	-31%	0.1%	10	174%	10.7%	0.2%
1200 Discount Certificates	1	-22%	-35%	0.0%	0.2	13.6%	-18.4%	0.0%
1320 Bonus Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	13,276	8.4%	4.2%	100%	5,095	27.3%	6.3%	100%

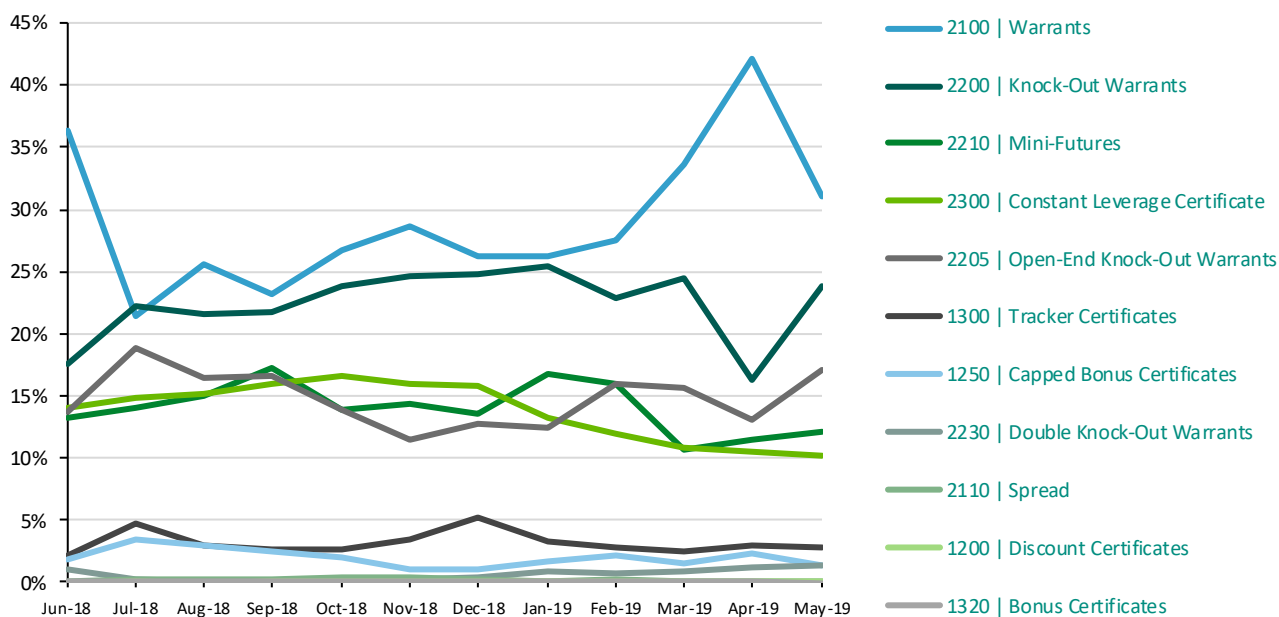
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

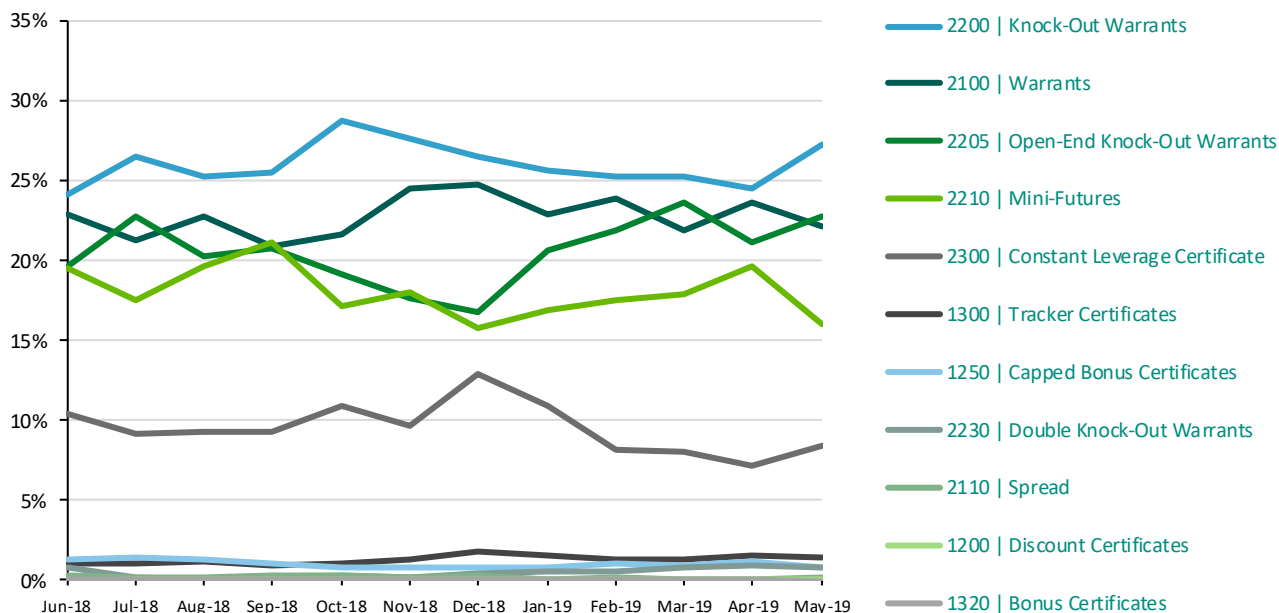
Market Trend: Value traded

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)

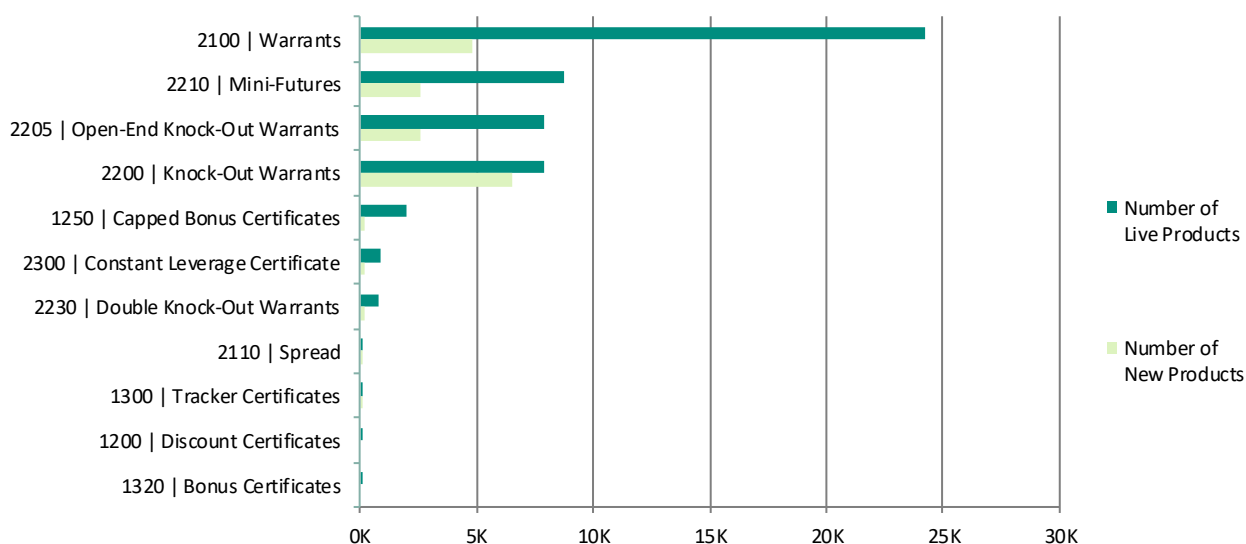
Product Overview

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	24,236	8.8%	16.8%	45.9%	4,794	7.8%	19.9%	28.1%
2210 Mini-Futures	8,740	-1.2%	8.0%	16.6%	2,568	-5.7%	23%	15.0%
2205 Open-End Knock-Out Warrants	7,916	-0.1%	4.2%	15.0%	2,578	16.5%	12.9%	15.1%
2200 Knock-Out Warrants	7,898	14.7%	20%	15.0%	6,548	29%	28%	38.3%
1250 Capped Bonus Certificates	2,033	-2.4%	28%	3.8%	244	917%	11.3%	1.4%
2300 Constant Leverage Certificate	859	4.4%	8.4%	1.6%	165	83%	298%	1.0%
2230 Double Knock-Out Warrants	808	59%	139%	1.5%	166	-73%	15.0%	1.0%
2110 Spread	108	19.7%	3.0%	0.2%	17	240%	-1.0%	0.1%
1300 Tracker Certificates	93	-2.8%	-3.6%	0.2%	1		33%	0.0%
1200 Discount Certificates	77	0.0%	20%	0.1%	0		-100%	0.0%
1320 Bonus Certificates	38	-0.9%	-27%	0.1%	0		-100%	0.0%
Total	52,805	6.4%	14.7%	100%	17,081	12.4%	22.8%	100%

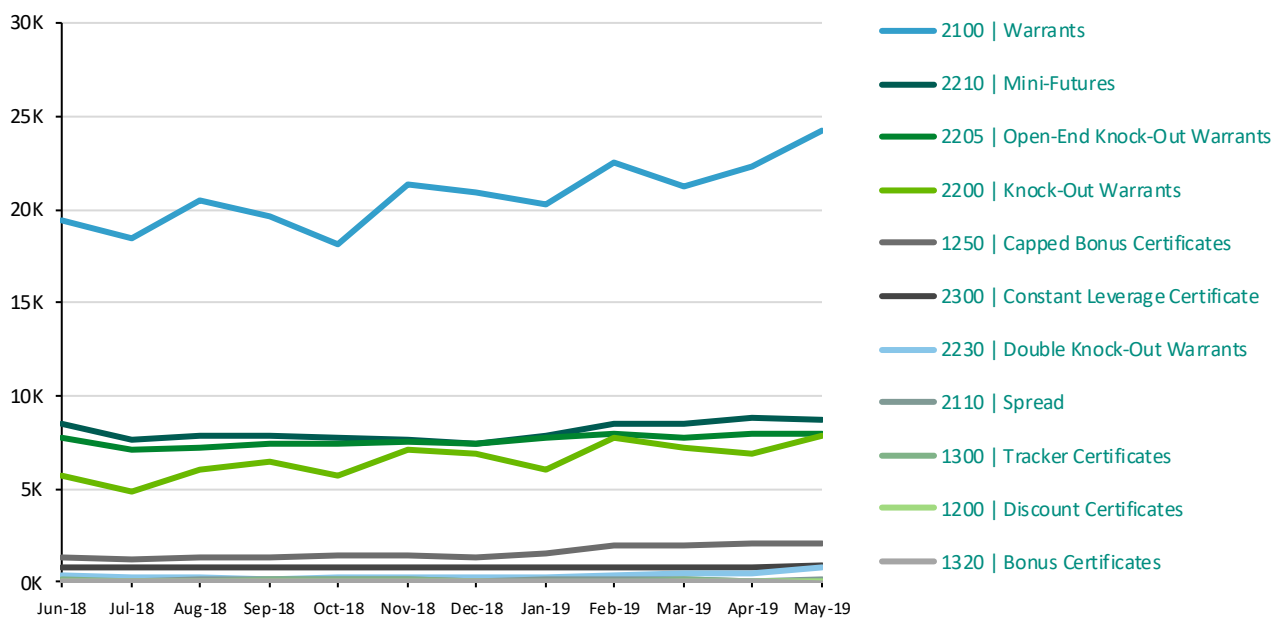
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

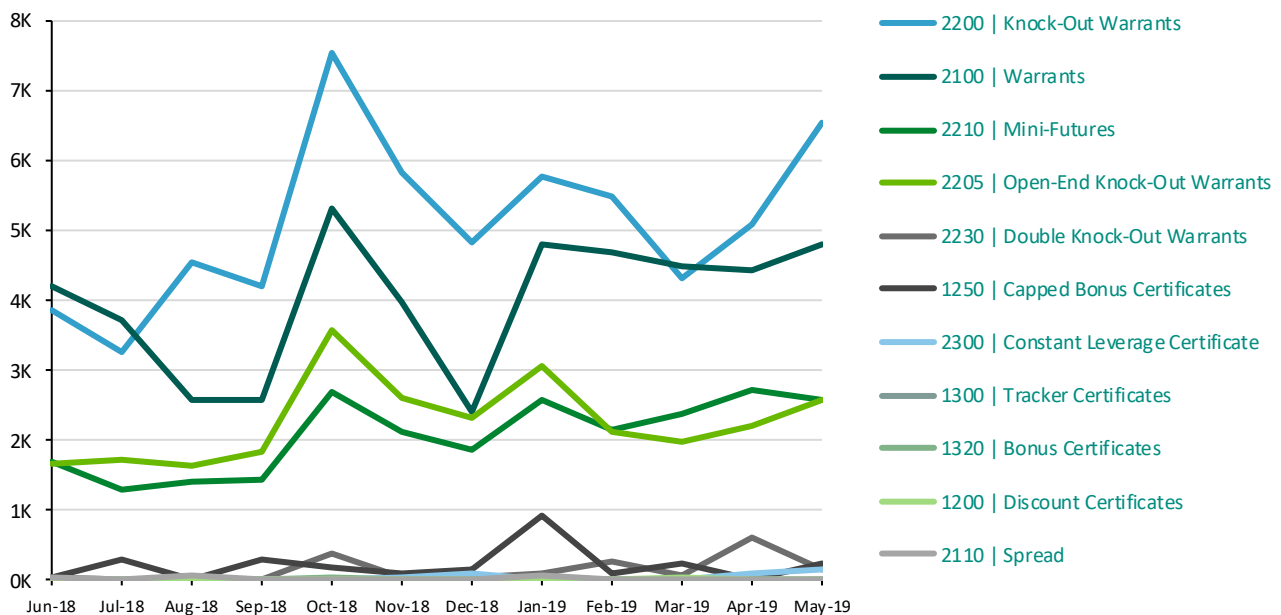
Product Trend: Number of Live Products

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

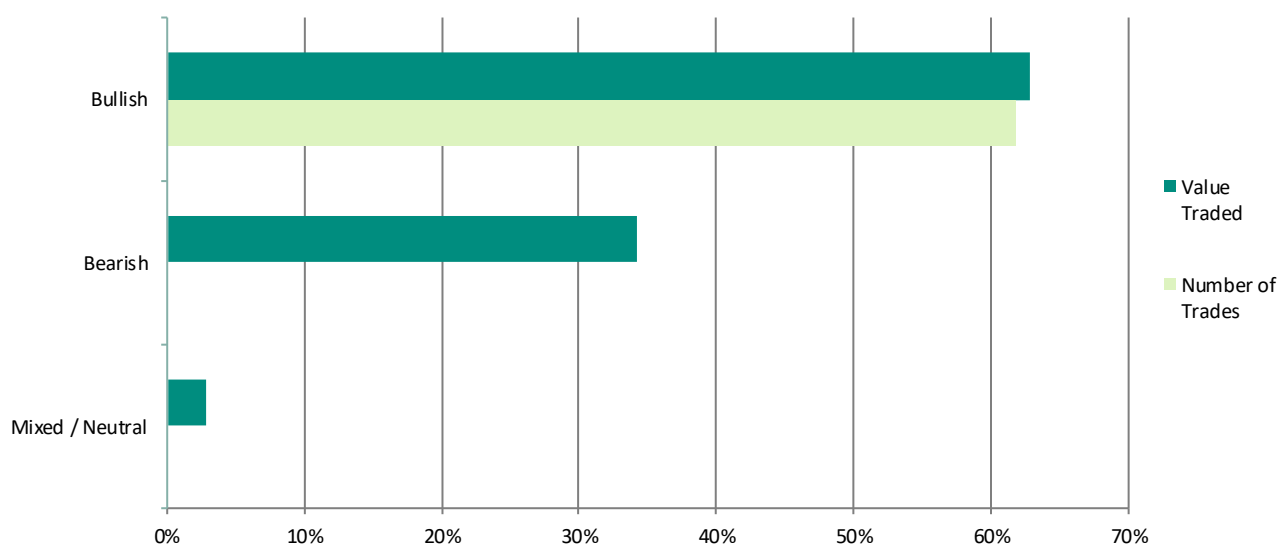
Market Overview

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	8,350	-5.6%	0.4%	62.9%	3,147	36.7%	5.5%	61.8%
Bearish	4,545	53%	11.3%	34.2%	0.0	-100%	-100%	0.0%
Mixed / Neutral	382	-12.7%	10.4%	2.9%	0.0	-100%	-100%	0.0%
Total	13,276	8.4%	4.2%	100%	5,095	27.3%	6.3%	100%

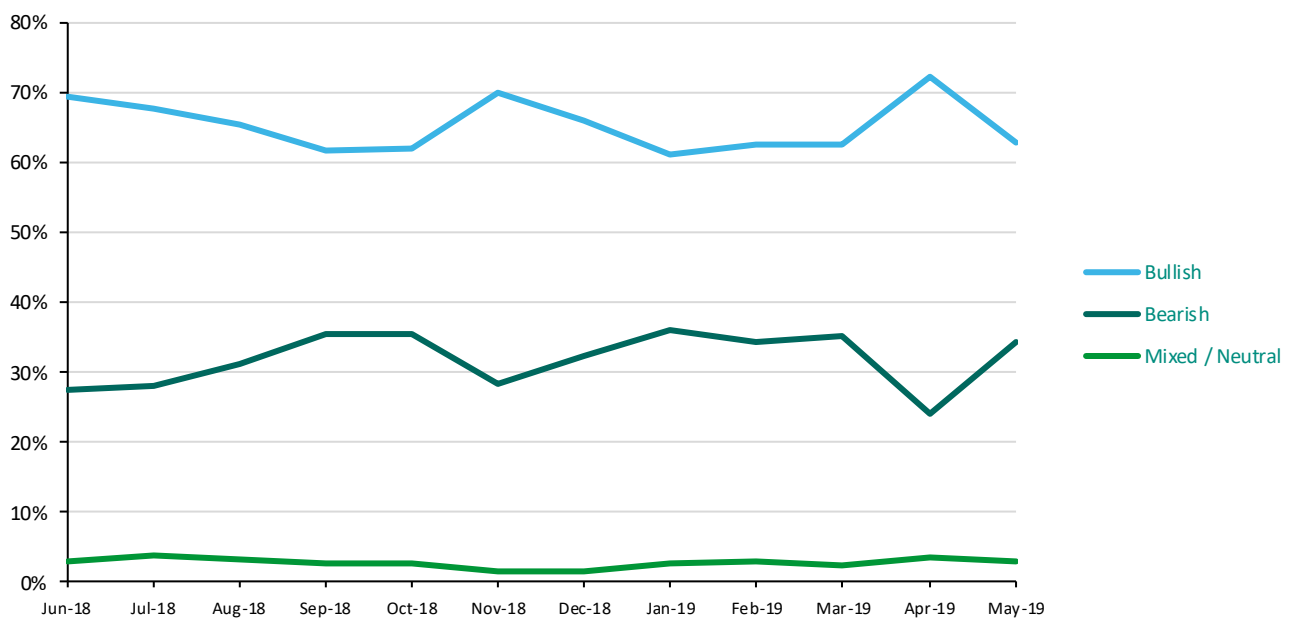
(Source Euronext)



PRODUCT STRATEGIES

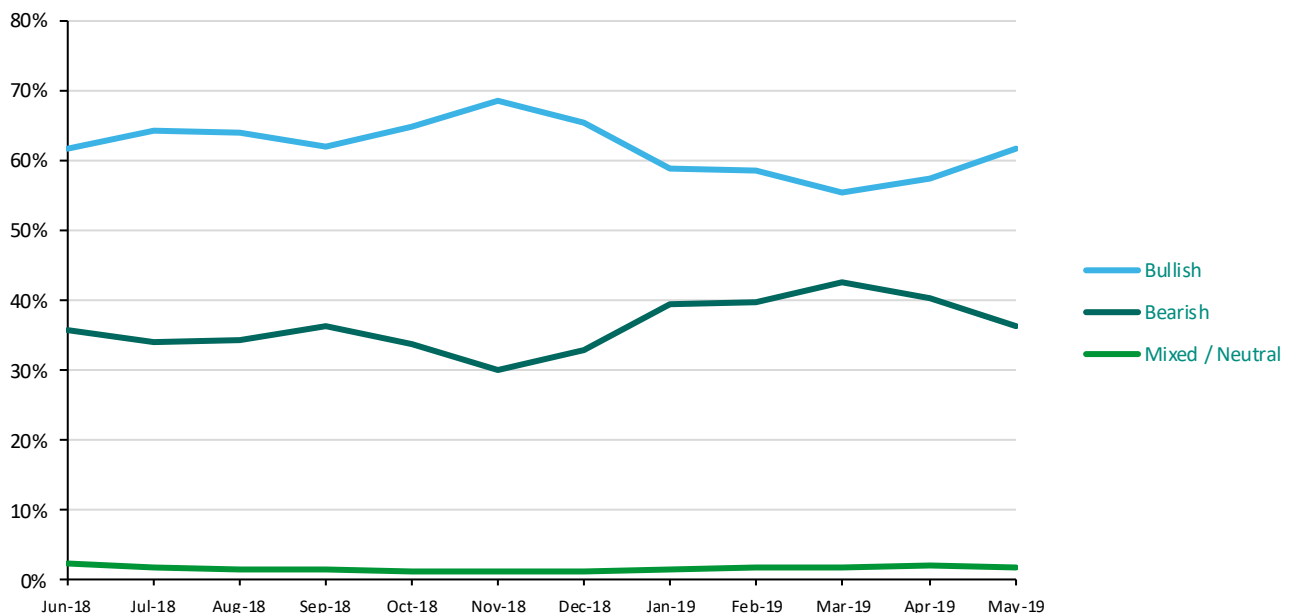
Market Trend: Value traded

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

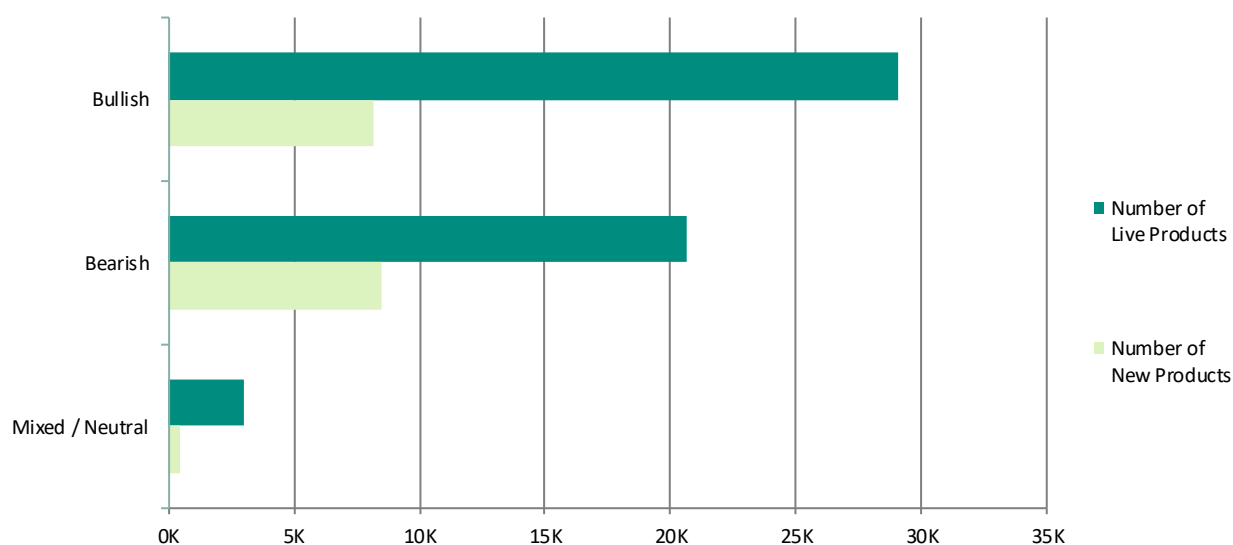
Product Overview

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	29,102	1.4%	16.2%	55.1%	8,176	1.5%	12.3%	47.9%
Bearish	20,678	13.7%	9.5%	39.2%	8,478	30%	36%	49.6%
Mixed / Neutral	3,025	9.6%	44%	5.7%	427	-33%	10.9%	2.5%
Total	52,805	6.4%	14.7%	100%	17,081	12.4%	22.8%	100%

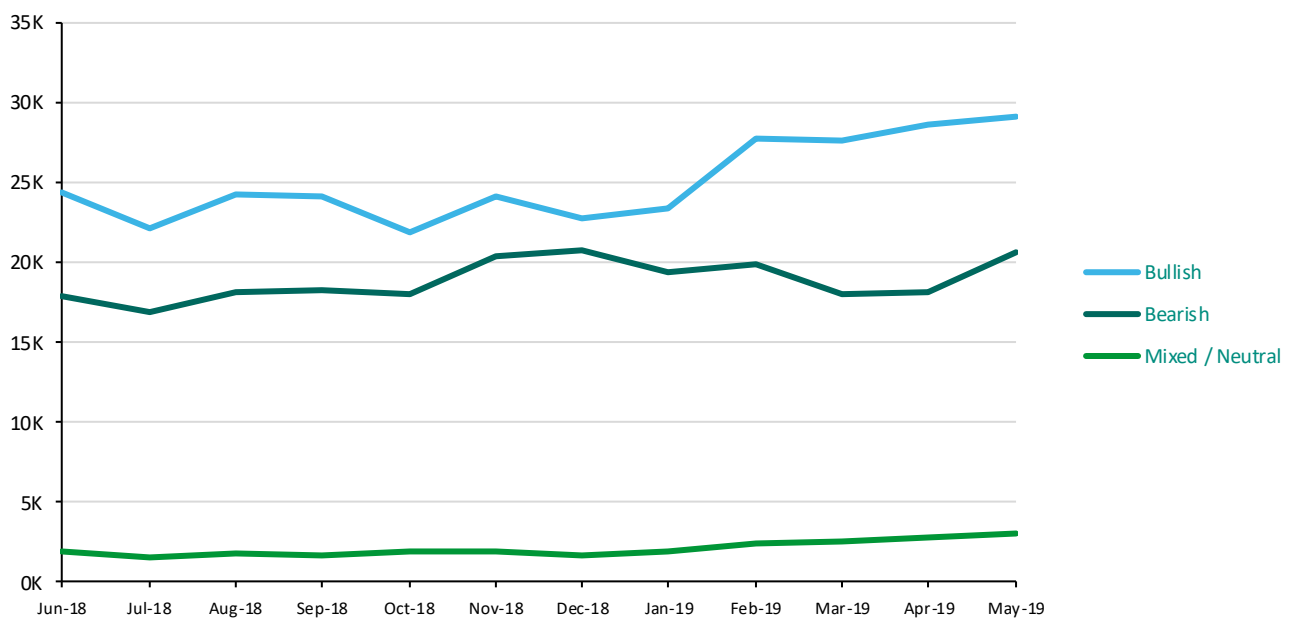
(Source Euronext)



PRODUCT STRATEGIES

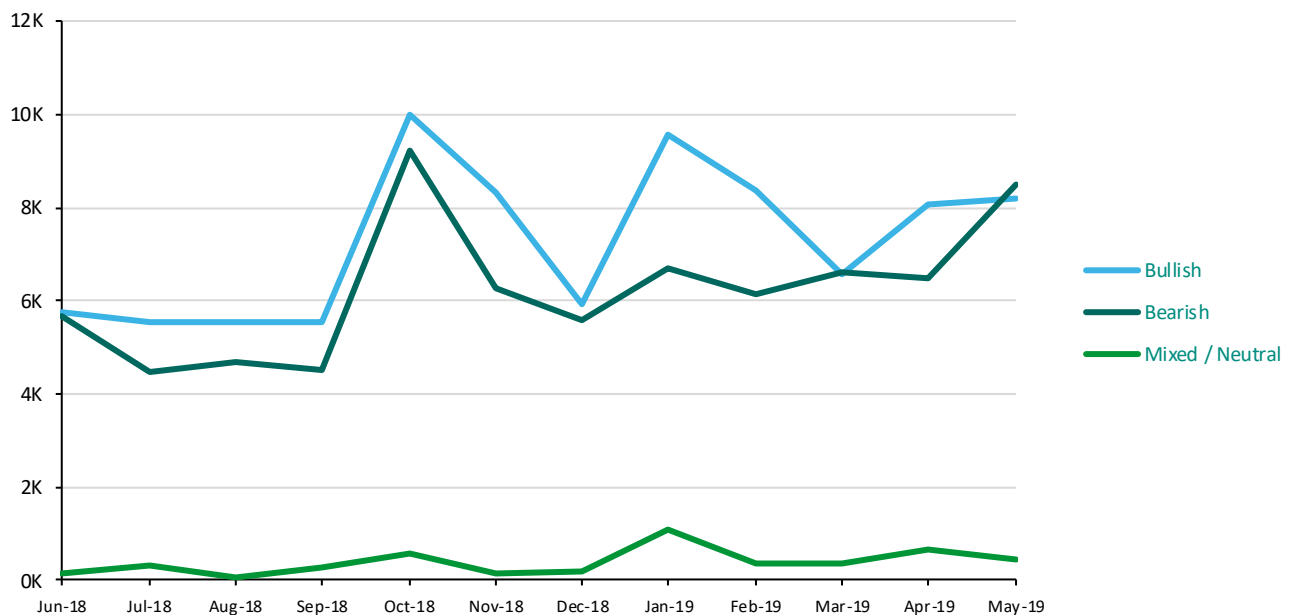
Product Trend: Number of Live Products

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

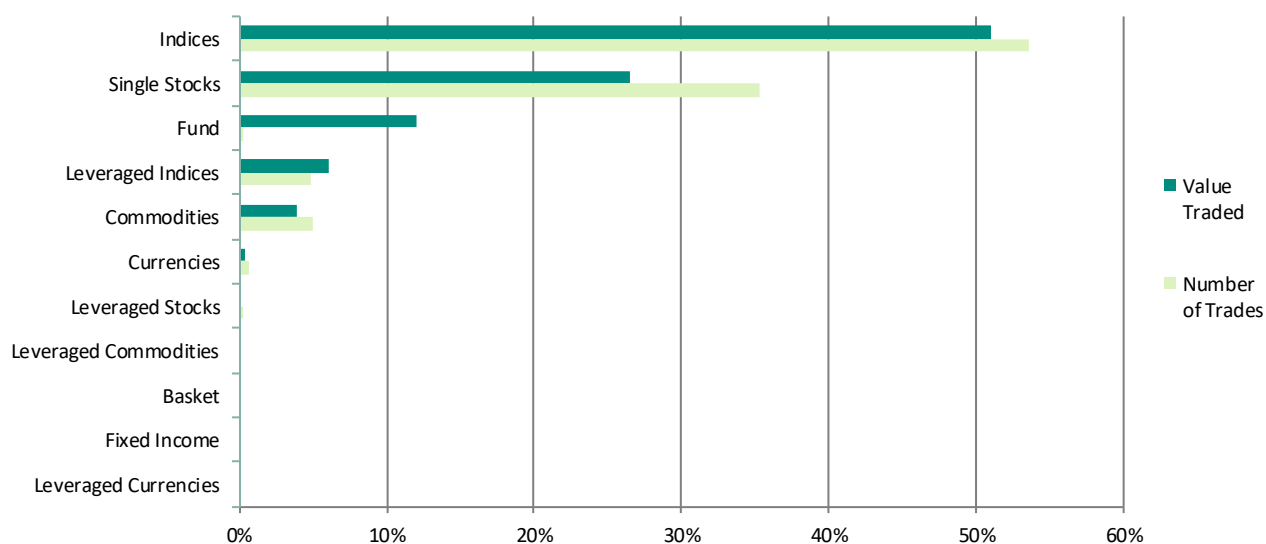
Market Overview

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	6,774	79%	15.0%	51.0%	2,730	53.3%	17.9%	53.6%
Single Stocks	3,517	-6.1%	-9.0%	26.5%	1,803	7.1%	-0.1%	35.4%
Fund	1,593	-49%	44%	12.0%	12	-80.1%	-15.1%	0.2%
Leveraged Indices	806	5.5%	-24%	6.1%	245	61.0%	-2.5%	4.8%
Commodities	525	-28%	-21%	4.0%	253	-0.7%	-16.3%	5.0%
Currencies	43	-46%	-59%	0.3%	36	-36.5%	-47.0%	0.7%
Leveraged Stocks	10	-65%	-56%	0.1%	9.0	-16.3%	-19.5%	0.2%
Leveraged Commodities	4	-28%	-68%	0.0%	4.9	412.0%	-32.2%	0.1%
Basket	2	-54%	-81%	0.0%	0.7	-80.5%	-93.1%	0.0%
Fixed Income	1	-15.3%	-82%	0.0%	1.9	15.7%	-78.3%	0.0%
Leveraged Currencies	1	NA	-76%	0.0%	0.0	-9.1%	-91.9%	0.0%
Total	13,276	8.4%	4.2%	100%	5,095	27.3%	6.3%	100%

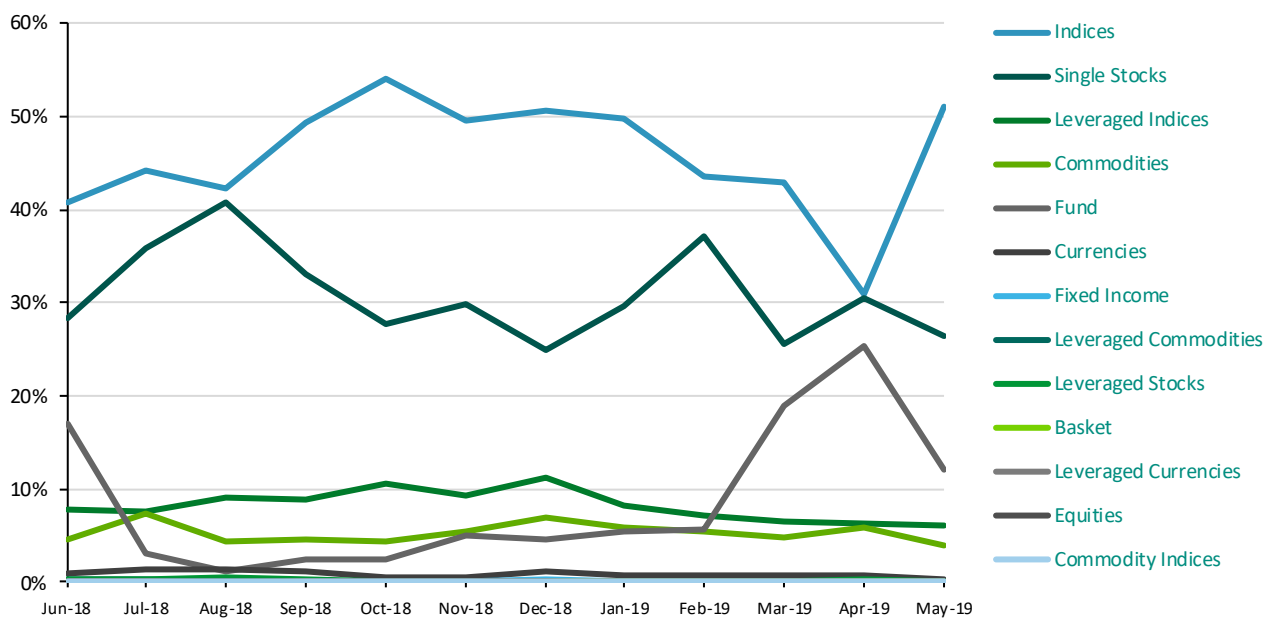
(Source Euronext)



UNDERLYING TYPES

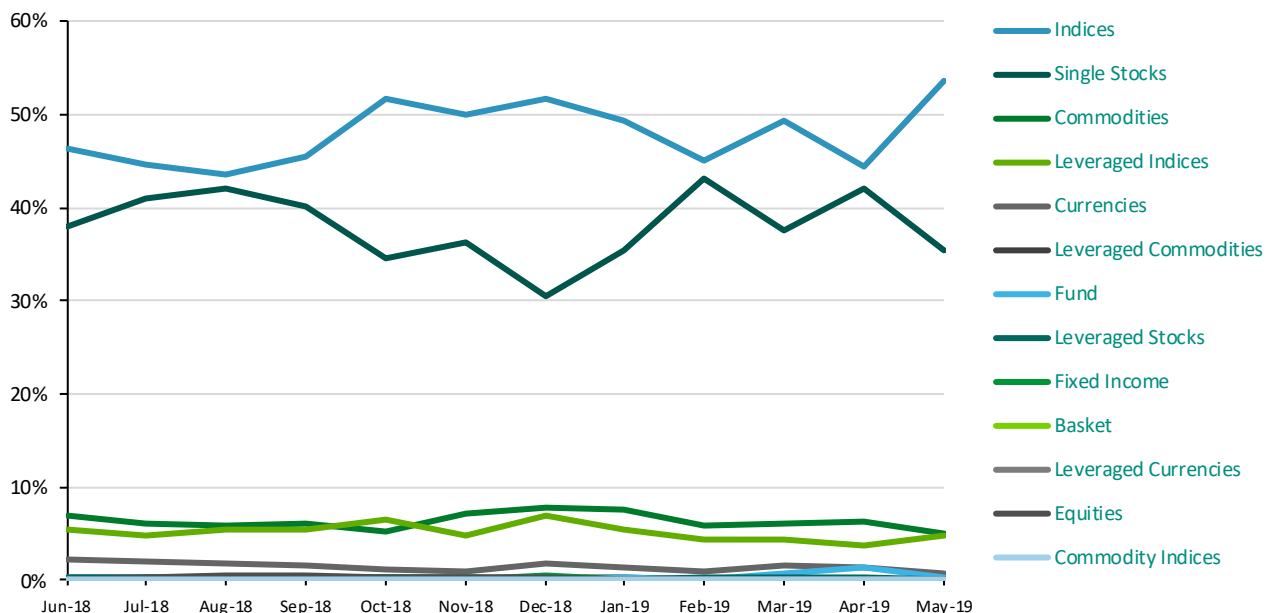
Market Trend: Value traded

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

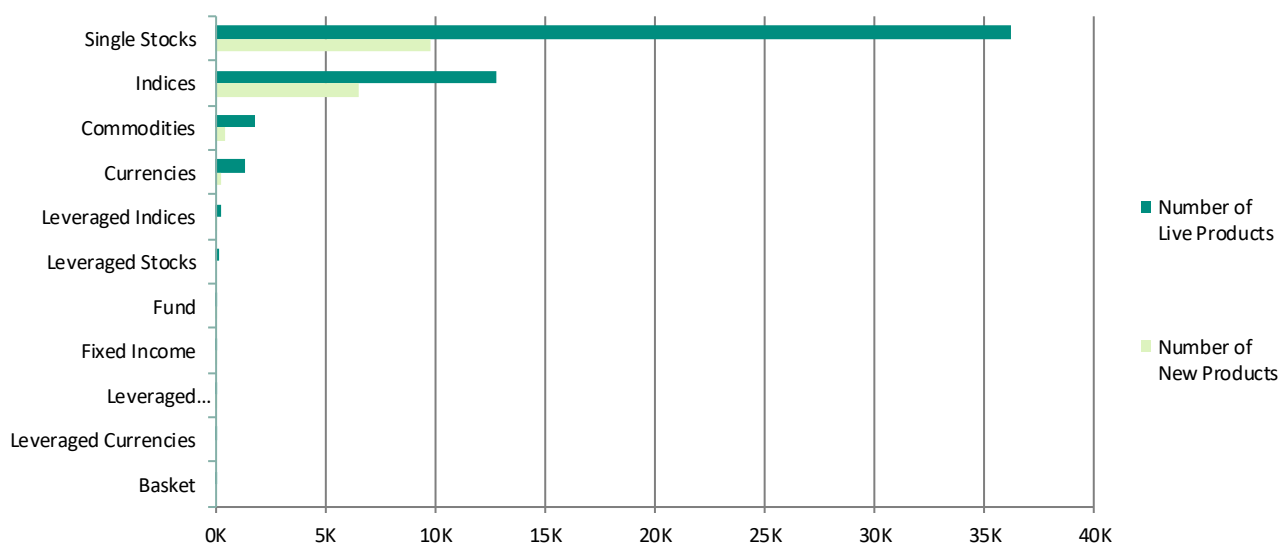
Product Overview

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	36,274	8.2%	16.5%	68.7%	9,827	1.6%	22%	57.5%
Indices	12,799	3.9%	13.4%	24.2%	6,508	30%	25%	38.1%
Commodities	1,795	-4.4%	5.1%	3.4%	419	19.7%	5.9%	2.5%
Currencies	1,318	1.9%	10.0%	2.5%	206	42%	7.9%	1.2%
Leveraged Indices	244	-3.9%	-8.8%	0.5%	2		-70%	0.0%
Leveraged Stocks	158	-1.2%	30%	0.3%	0		-100%	0.0%
Fund	88	1.8%	13.0%	0.2%	5	150%	161%	0.0%
Fixed Income	62	5.2%	-13.9%	0.1%	10	400%	186%	0.1%
Leveraged Commodities	56	21%	-18.5%	0.1%	104		995%	0.6%
Leveraged Currencies	8	0.0%	-0.8%	0.0%	0			0.0%
Basket	4	0.3%	-8.6%	0.0%	0			0.0%
Total	52,805	6.4%	14.7%	100%	17,081	12.4%	23%	100%

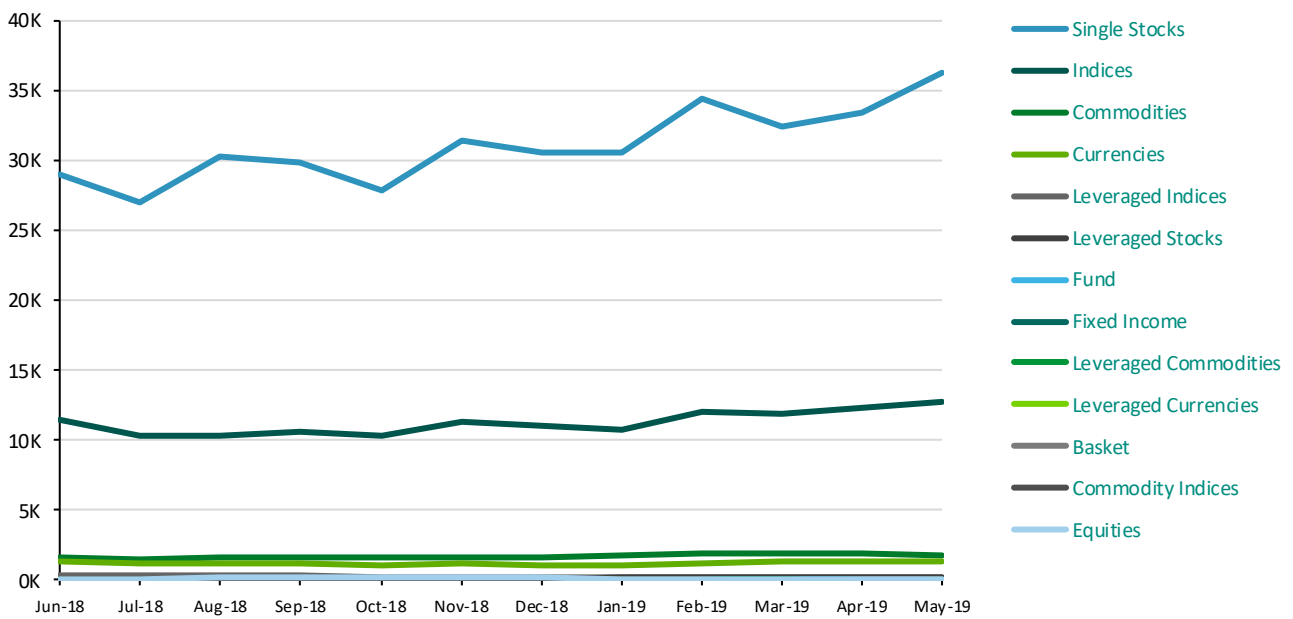
(Source Euronext)



UNDERLYING TYPES

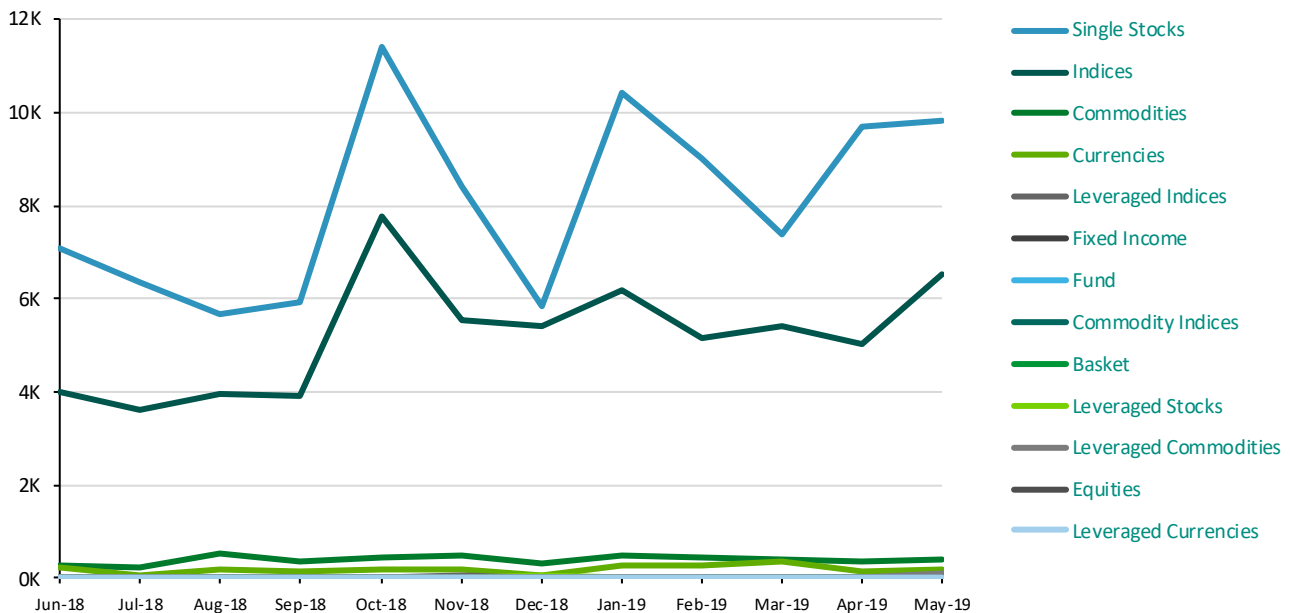
Product Trend: Number of Live Products

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

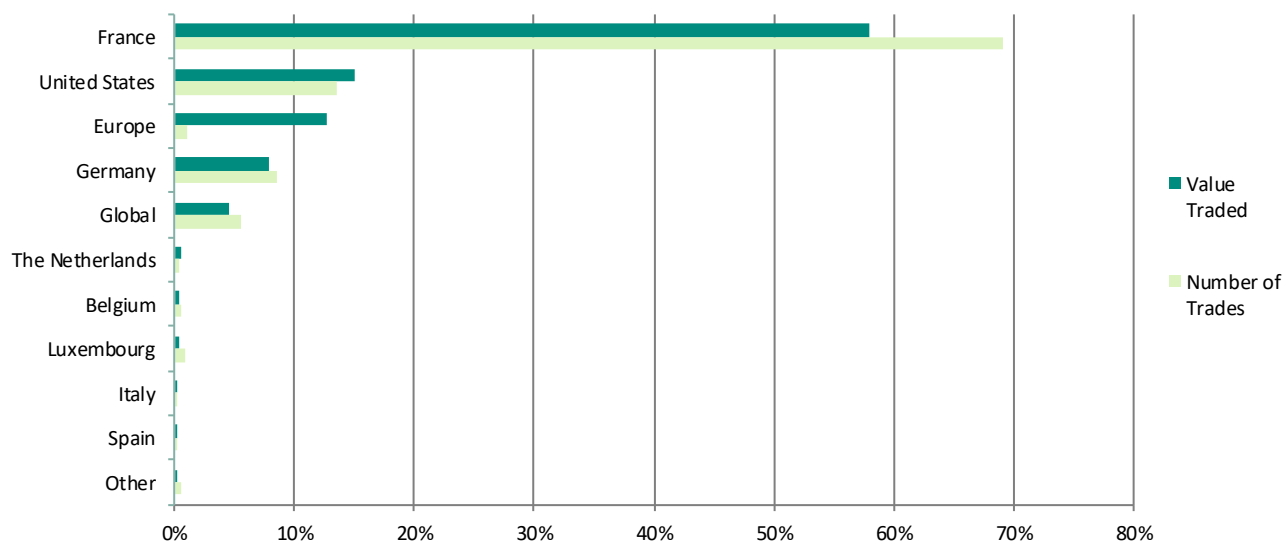
Market Overview

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	7,696	29%	-3.9%	58.0%	3,523	30.9%	4.5%	69.2%
United States	1,982	-39%	21%	14.9%	685	725%	27%	13.4%
Europe	1,686	41%	44%	12.7%	50	-89%	45%	1.0%
Germany	1,048	28%	7.5%	7.9%	433	49%	6.4%	8.5%
Global	610	-25%	-16.7%	4.6%	283	-30%	-16.1%	5.5%
The Netherlands	70	31%	27%	0.5%	18	-30%	-48%	0.4%
Belgium	52	12.0%	11.8%	0.4%	26	-1.8%	119%	0.5%
Luxembourg	51	33%	27%	0.4%	44	272%	121%	0.9%
Italy	31	20%	28%	0.2%	7.1	88%	-10.6%	0.1%
Spain	18	64%	-11.5%	0.1%	3.3	-52%	-69%	0.1%
Other	32	-15.1%	-2.1%	0.2%	23	-8.0%	16.8%	0.4%
Total	13,276	8.4%	4.2%	100%	5,095	27.3%	6.3%	100%

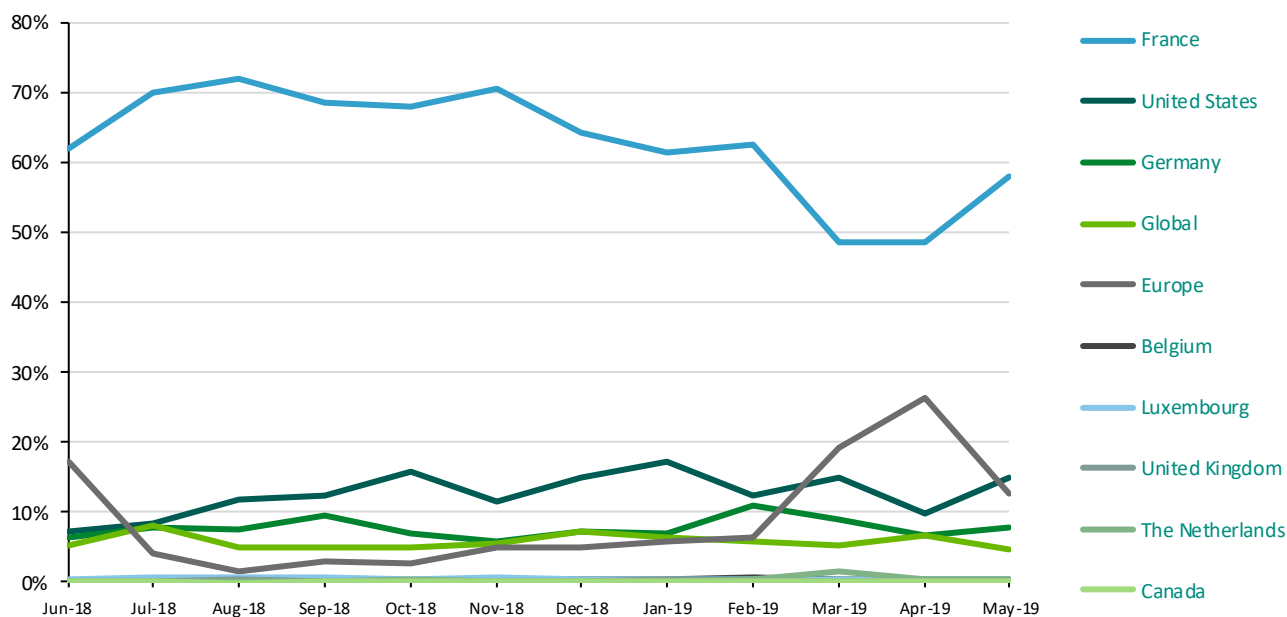
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

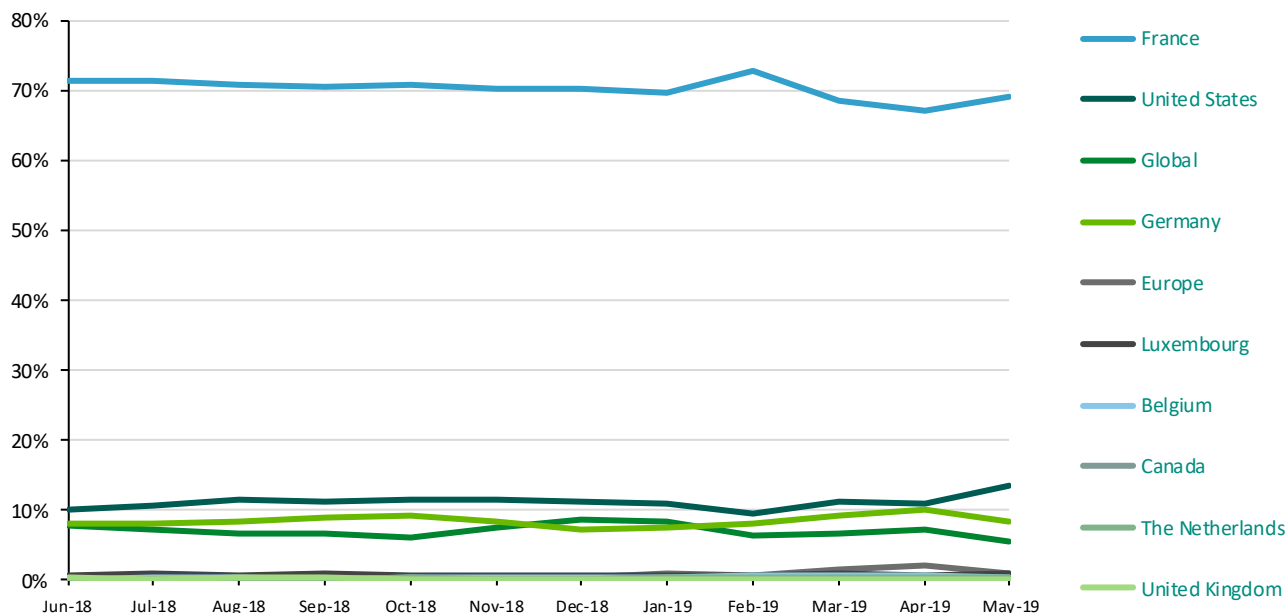
Market Trend: Value traded

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

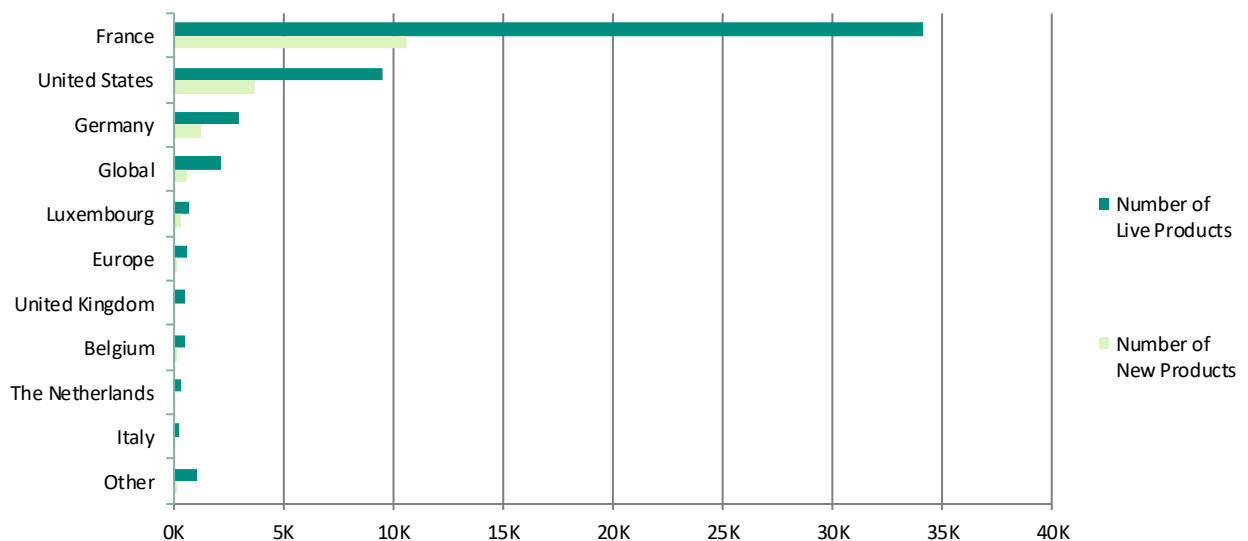
Product Overview

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	34,171	5.3%	12.6%	64.7%	10,612	1.0%	14.6%	62.1%
United States	9,520	14.1%	36%	18.0%	3,687	51%	58%	21.6%
Germany	3,010	7.9%	4.4%	5.7%	1,230	14.4%	18.5%	7.2%
Global	2,149	-2.4%	7.6%	4.1%	573	43%	31%	3.4%
Luxembourg	711	6.2%	-13.3%	1.3%	333	88%	48%	1.9%
Europe	582	1.4%	0.8%	1.1%	115	117%	6.7%	0.7%
United Kingdom	518	-0.7%	23%	1.0%	97	67%	7.9%	0.6%
Belgium	508	7.6%	36%	1.0%	124	-22%	27%	0.7%
The Netherlands	357	4.2%	22%	0.7%	71	-22%	-9.4%	0.4%
Italy	248	-7.2%	-31%	0.5%	54	238%	9.5%	0.3%
Other	1,032	4.0%	11.4%	2.0%	185	-15.1%	2.3%	1.1%
Total	52,805	6.4%	14.7%	100%	17,081	12.4%	22.8%	100%

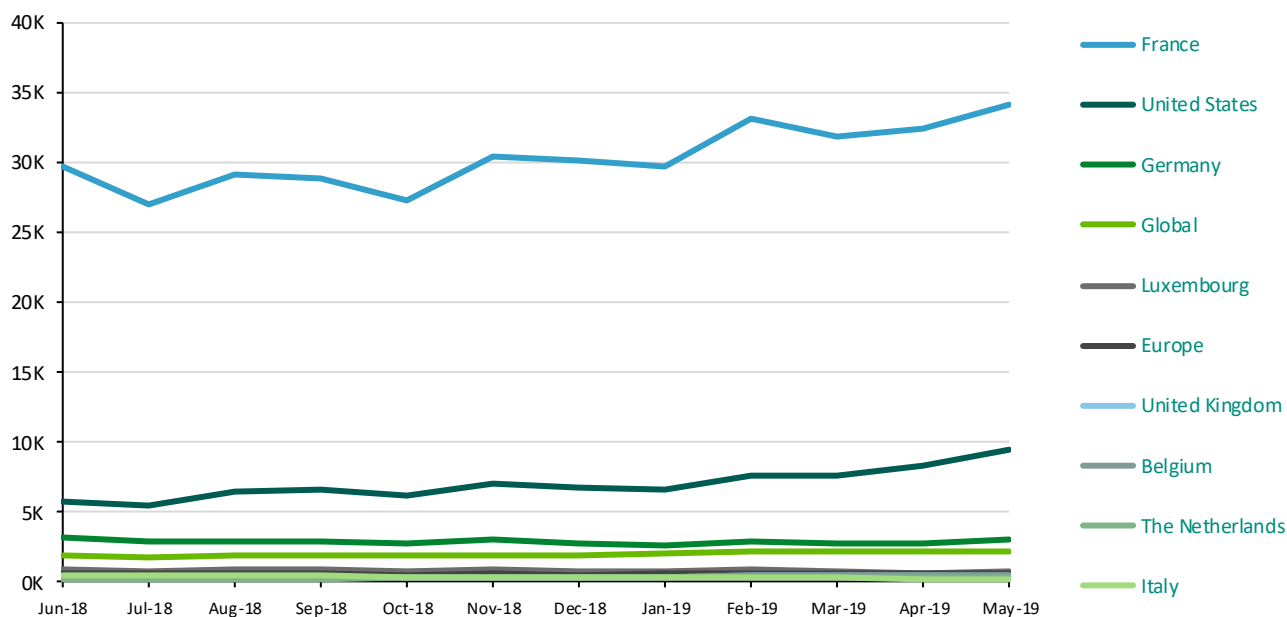
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

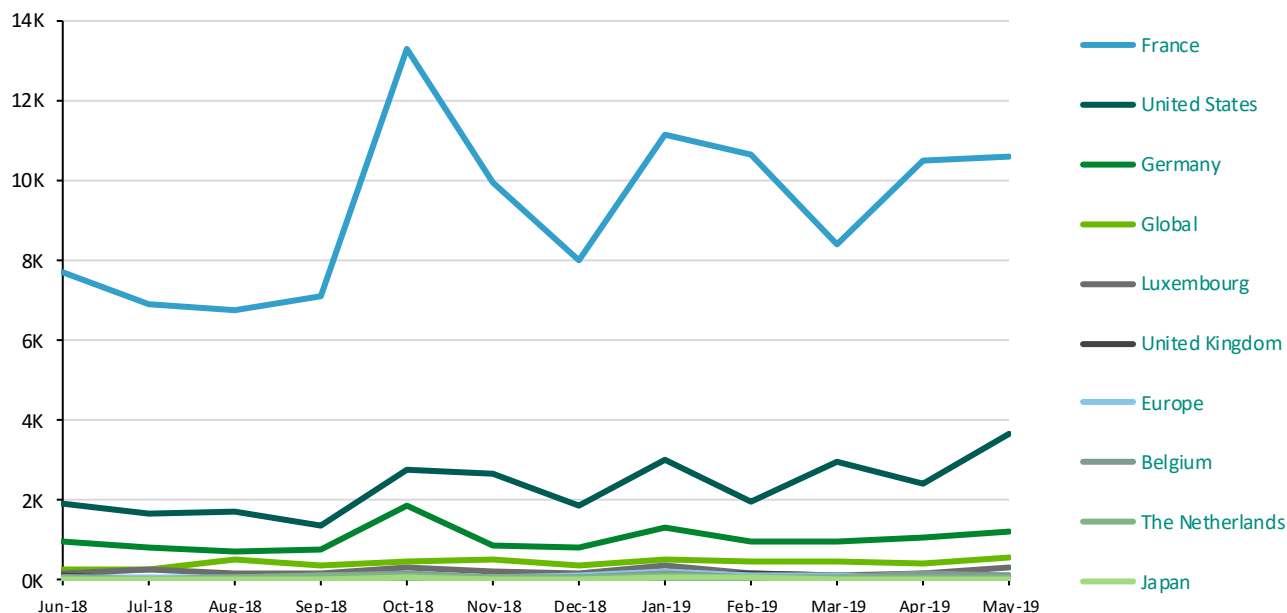
Product Trend: Number of Live Products

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

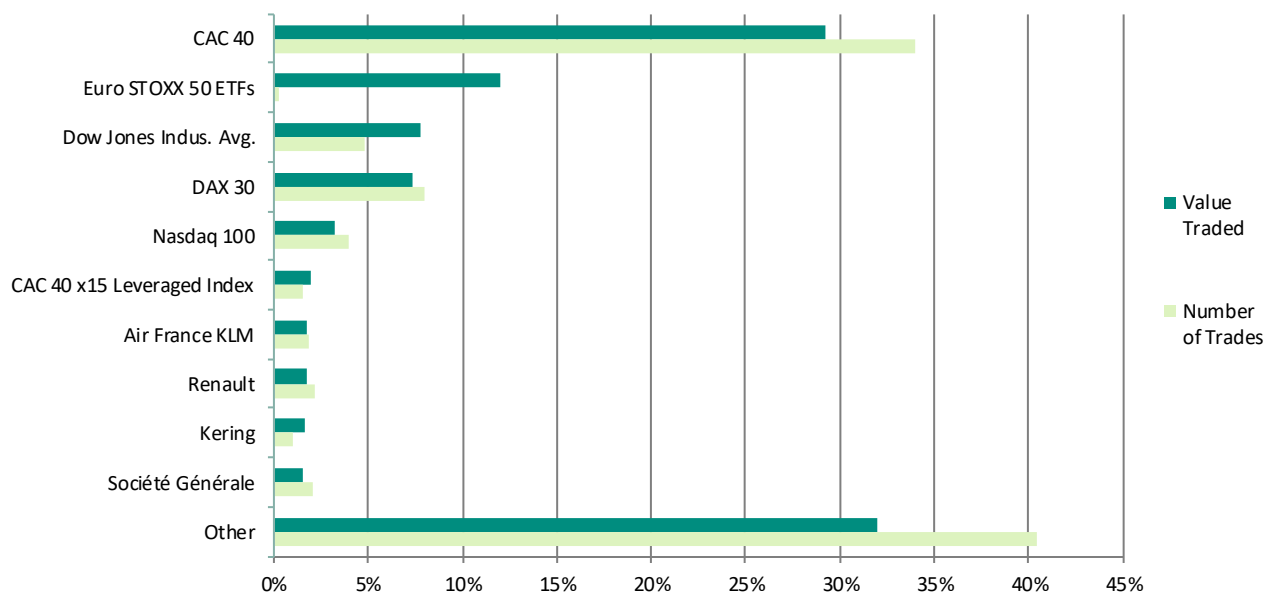
Market Overview

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	3,874	25%	6.7%	29.2%	1,731	NA	12.7%	34.0%
Euro STOXX 50 ETFs	1,592	-25%	44%	12.0%	12	-99%	-14.4%	0.2%
Dow Jones Indus. Avg.	1,028	34%	14.3%	7.7%	246	-35%	-34%	4.8%
DAX 30	969	268%	88%	7.3%	406	231%	170%	8.0%
Nasdaq 100	432	69%	7.2%	3.3%	200	83%	42%	3.9%
CAC 40 x15 Leveraged Index	257	21%	-11.3%	1.9%	76	51%	8.3%	1.5%
Air France KLM	235	18.2%	8.9%	1.8%	93	NA	68%	1.8%
Renault	233	24%	11.9%	1.8%	109	29%	19.8%	2.1%
Kering	211	19.9%	11.6%	1.6%	53	36%	-25%	1.0%
Société Générale	200	21%	6.5%	1.5%	106	95%	103%	2.1%
Other	4,245	-11.7%	-16.8%	32.0%	2,063		-8.0%	40.5%
Total	13,276	8.4%	4.2%	100%	5,095	27.3%	6.3%	100%

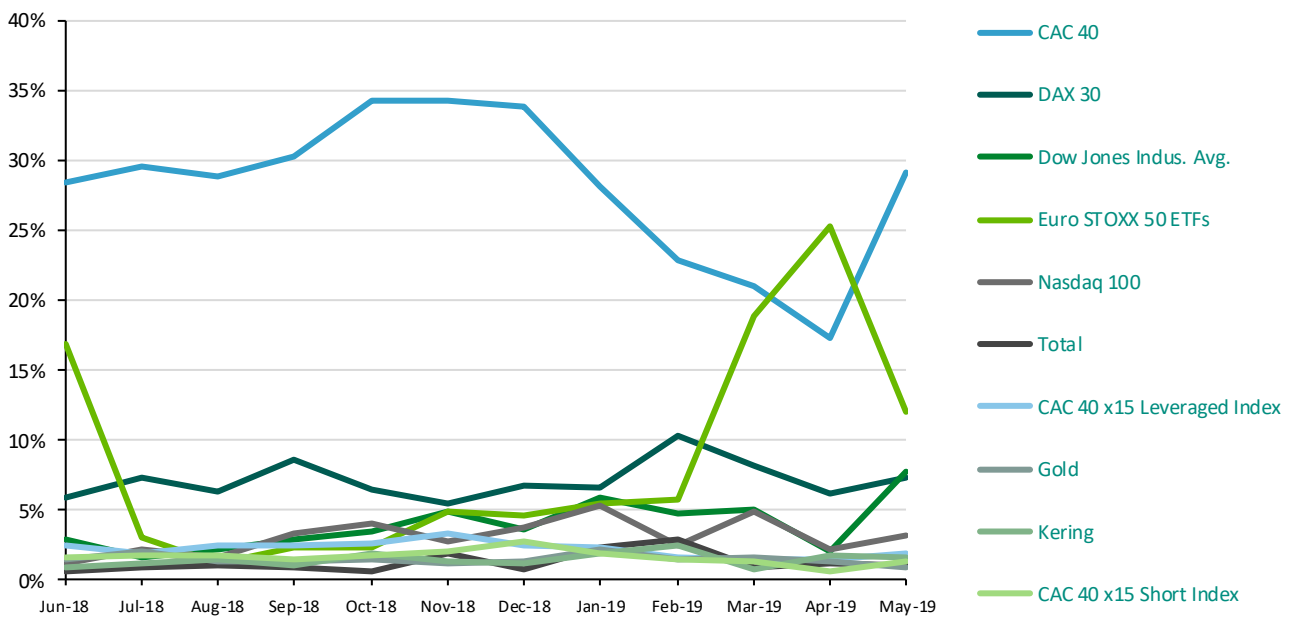
(Source Euronext)



TOP 10 UNDERLYINGS

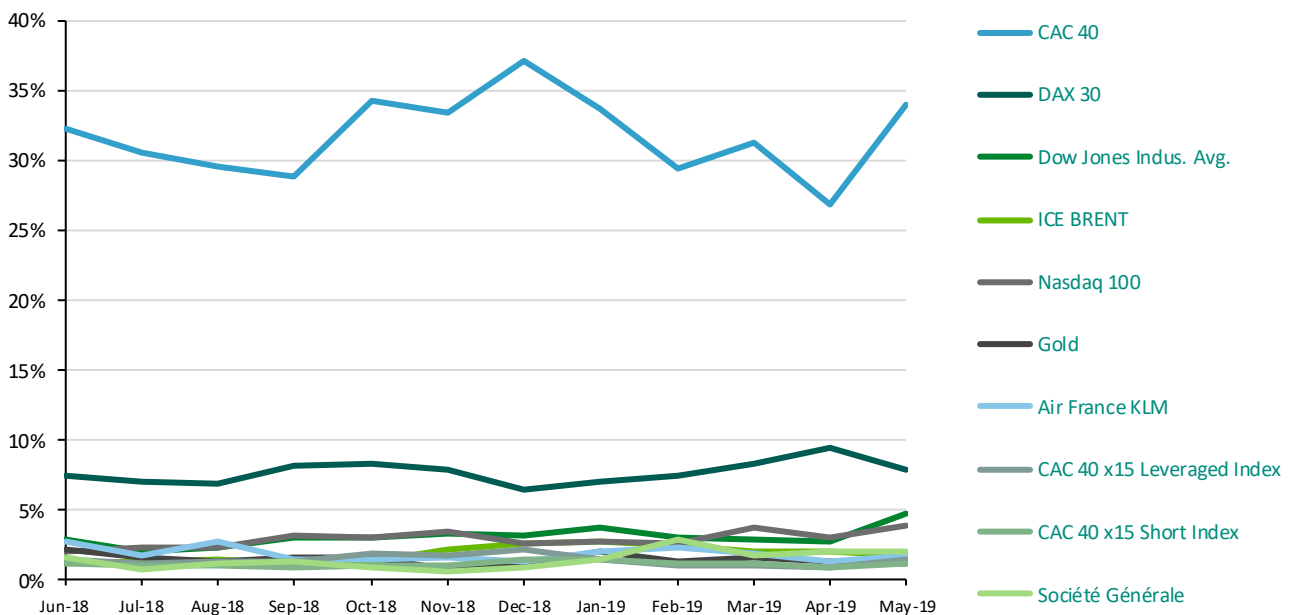
Market Trend: Value traded

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

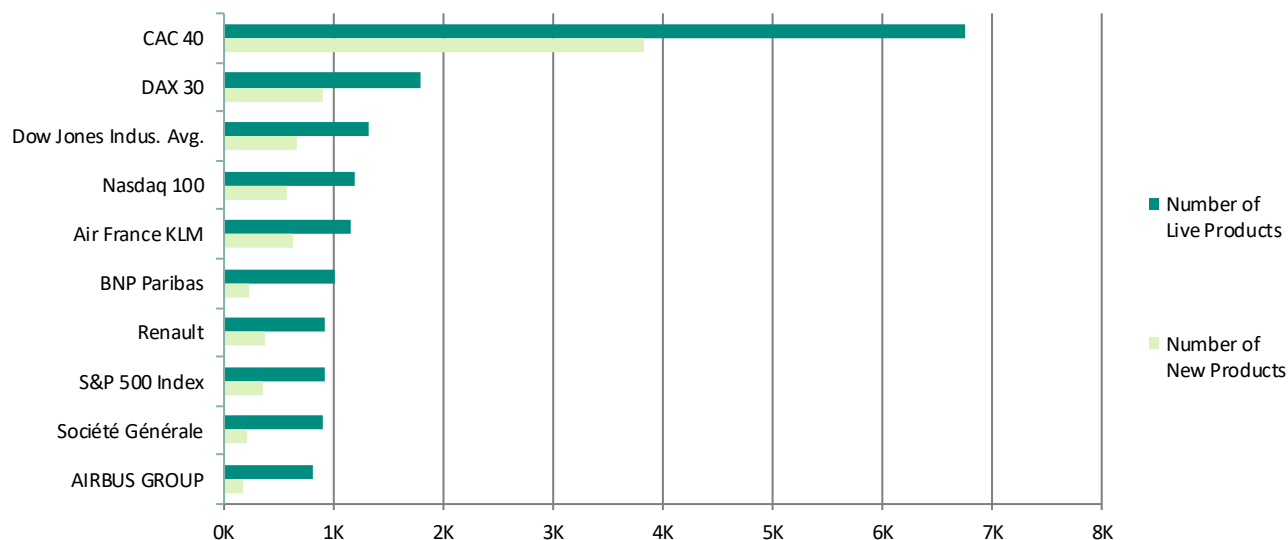
Product Overview

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	6,759	-1.0%	9.2%	12.8%	3,839	25%	19.3%	22.5%
DAX 30	1,796	11.7%	5.5%	3.4%	913	9.2%	19.3%	5.3%
Dow Jones Indus. Avg.	1,316	11.2%	29%	2.5%	666	92%	48%	3.9%
Nasdaq 100	1,188	11.1%	37%	2.2%	586	41%	48%	3.4%
Air France KLM	1,164	16.8%	27%	2.2%	627	35%	74%	3.7%
BNP Paribas	1,013	11.6%	11.5%	1.9%	230	-45%	-8.1%	1.3%
Renault	930	12.3%	8.5%	1.8%	370	27%	39%	2.2%
S&P 500 Index	921	8.9%	24%	1.7%	357	60%	54%	2.1%
Société Générale	901	9.5%	2.2%	1.7%	222	-10.5%	0.6%	1.3%
AIRBUS GROUP	822	7.2%	16.7%	1.6%	174	-30%	-16.4%	1.0%
Other	35,996	6.5%	15.2%	68.2%	9,097	5.4%	21%	53.3%
Total	52,805	6.4%	14.7%	100%	17,081	12.4%	22.8%	100%

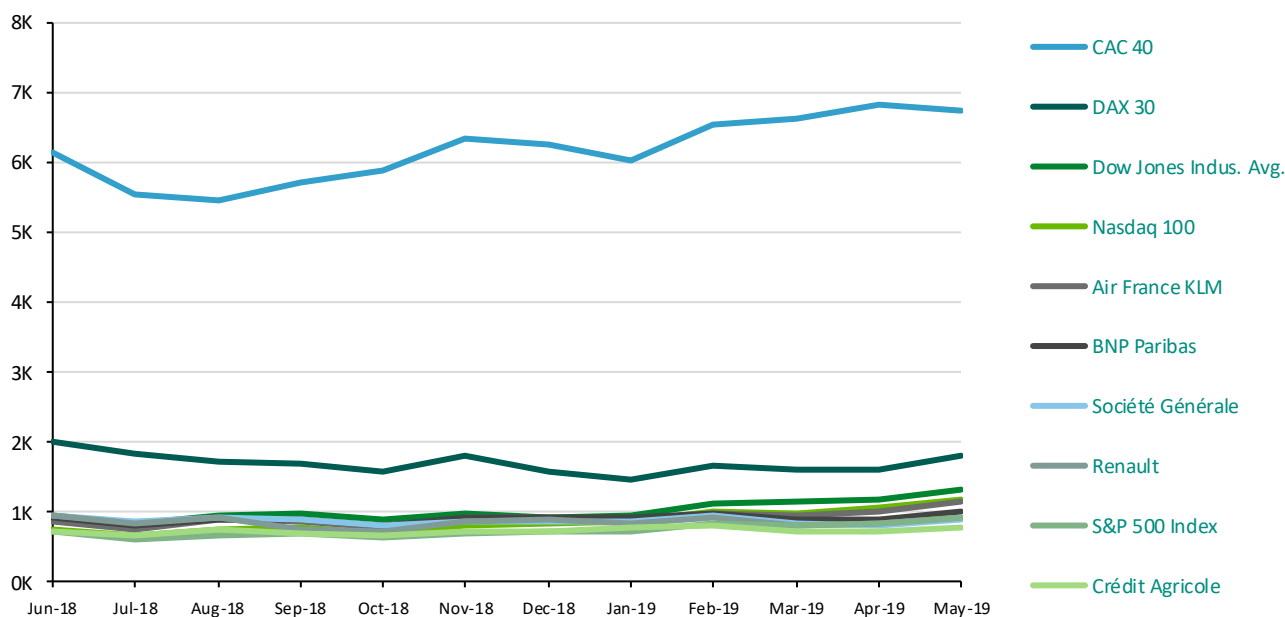
(Source Euronext)



TOP 10 UNDERLYINGS

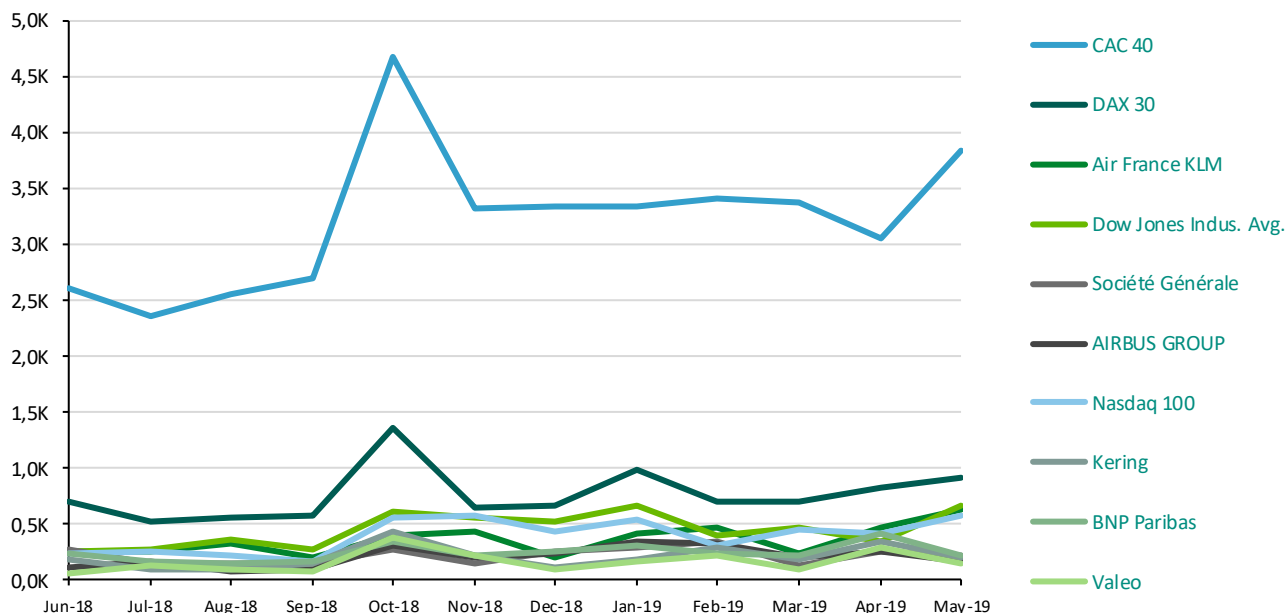
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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
NL0012969109	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	47,065	182
NL0013062300	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	16,368	54
DE000VF3Z190	Vontobel	2205 Open-End Knock-Out Warrants	CAC 40	9,530	2,894
DE000CD5NZY1	Commerzbank	2300 Constant Leverage Certificate	CAC 40	7,378	2,086
LU1815432486	Société Générale	1300 Tracker Certificates	CAC 40 x15 Short Index	7,299	2,010
FR0013188612	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	6,060	1,200
NL0012969091	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	5,877	174
DE000VF5RKE1	Vontobel	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	5,713	1,254
DE000CA0ZD72	Commerzbank	2300 Constant Leverage Certificate	CAC 40	4,849	1,214
DE000VF5VHL4	Vontobel	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	3,697	536
NL0013252521	BNP Paribas	2100 Warrants	Air France KLM	3,163	214
DE000VF5RKC5	Vontobel	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	2,869	346
FR0013217940	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	2,569	914
DE000CA0YKG1	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	2,364	542
DE000VF5L9F1	Vontobel	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	2,202	750
DE000VA5L2M3	Vontobel	2100 Warrants	CAC 40	2,141	202
DE000VF6F096	Vontobel	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	2,100	226
LU1555075354	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Short Index	1,971	684
FR0013101565	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leveraged Index	1,952	686
LU1555074977	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	1,838	906
DE000CU125L5	Commerzbank	2200 Knock-Out Warrants	DAX 30	1,832	136
DE000VF5L922	Vontobel	2205 Open-End Knock-Out Warrants	Nasdaq 100	1,778	454
DE000CZ28ZJ7	Commerzbank	2300 Constant Leverage Certificate	CAC 40	1,764	448
DE000CD9DKV2	Commerzbank	2300 Constant Leverage Certificate	VIX Futures	1,724	276
FR0011214527	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leveraged Index	1,694	674
FR0010961078	Société Générale	2300 Constant Leverage Certificate	CAC 40 x5 Leveraged Index	1,660	350
DE000VF5VRF5	Vontobel	2205 Open-End Knock-Out Warrants	Nasdaq 100	1,616	348
FR0010511535	Société Générale	1300 Tracker Certificates	Brent	1,577	176
DE000CU13BU8	Commerzbank	2200 Knock-Out Warrants	DAX 30	1,536	80
FR0010307439	BNP Paribas	1300 Tracker Certificates	Brent	1,498	16
DE000CV2DNS5	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,488	626
FRBNPP00RLA2	BNP Paribas	2210 Mini-Futures	Palladium	1,442	744
DE000VF28WA5	Vontobel	2205 Open-End Knock-Out Warrants	CAC 40	1,413	416
DE000CJ5D2M4	Commerzbank	2210 Mini-Futures	Dow Jones Indus. Avg.	1,394	56
LU1937252440	Société Générale	2100 Warrants	CAC 40	1,317	56
FRBNPP00XJ12	BNP Paribas	2200 Knock-Out Warrants	Nasdaq 100	1,298	138
LU1937306477	Société Générale	2200 Knock-Out Warrants	CAC 40	1,246	124
DE000CE8WSX2	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,246	440
NL0012813745	BNP Paribas	2100 Warrants	CAC 40	1,226	428
DE000CD212U3	Commerzbank	2210 Mini-Futures	Dow Jones Indus. Avg.	1,180	14
LU1815432056	Société Générale	1300 Tracker Certificates	CAC 40 x10 Short Index	1,163	286
DE000CP91GJ6	Citi	2205 Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,119	58
DE000CQ9LAV1	Citi	2210 Mini-Futures	S&P 500 Index	1,099	540
FR0011119395	Société Générale	2300 Constant Leverage Certificate	CAC 40 x7 Leveraged Index	1,094	162
DE000CJ3VKX7	Commerzbank	2210 Mini-Futures	Dow Jones Indus. Avg.	1,052	380
DE000CP5G0F6	Citi	2205 Open-End Knock-Out Warrants	CAC 40	1,051	154
DE000CJ81VK7	Commerzbank	2230 Double Knock-Out Warrants	CAC 40	1,050	18
DE000CP91AE0	Citi	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	1,049	248
DE000CU123S5	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,042	224
LU1910624698	Société Générale	2200 Knock-Out Warrants	CAC 40	1,041	44

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

Euronext's futures contract on real estate proposes an innovative, alternative solution for investors seeking exposure to the Paris real estate market without the constraints of physical investment.

The contract is based on the PARISSQM index, a new reference price for Paris Residential Real Estate, created by Compass Financial Technologies and Kalstone, which has been live since May 2018.

Based solely on real transaction data, the index is published every two weeks with a six-week lag and quoted in euro per square metre.

The Compass Kalstone Paris Residential Property Index has been designed to provide a responsive and consistent benchmark for typical transacted prices in the residential real estate market.



ABOUT THE INDEX

- The first investable benchmark to replicate the evolution of Paris real estate housing prices
- Based on a proprietary methodology using central tendency, stratification and noise filtering techniques
- Published every two weeks with a lag of six weeks. Index value represents the observed transacted price per square metre over the specific two-week period.
- The first pure proxy index (per square metre in euro) for the residential real estate market in Paris; based on real transaction data reported by the Paris Notaires Services*
- More than 10 years data history collected and price evolution available on Bloomberg and Reuters.
- Compass Kalstone is a complementary partnership between financial indices expert Compass and real estate and finance solution provider Kalstone.

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

- Develop a flexible and efficient strategy to diversify property or trading portfolios.
- Hedge portfolio price risks with real estate futures
- The index reflects exact actual transactions, allowing investors to have accurate exposure to the real estate market, in a price per square metre
- Counterparty risk mitigation through LCH SA
- Cost efficiency: eliminates the constraints of a physical investment (no public notary required) and much lower capital requirements
- Transparency and liquidity: real-time quotation throughout market opening hours
- Financial leverage and flexibility
- Benefit from movements in housing prices

Find out more

To find out more about the Paris real estate futures contract, contact the Euronext Commodities team at:

commodities@euronext.com

Business Development: +33 1 70 48 28 48

Product Development: +33 1 70 48 28 49

* All property transactions in France must be made through a 'notaire', a legal specialist who is a public official acting on behalf of the French state.

This publication is for information purposes only and is not a recommendation to engage in investment activities. This publication is provided "as is" without representation or warranty of any kind. Whilst all reasonable care has been taken to ensure the accuracy of the content, Euronext does not guarantee its accuracy or completeness. Euronext will not be held liable for any loss or damages of any nature ensuing from using, trusting or acting on information provided. No information set out or referred to in this publication shall form the basis of any contract. The creation of rights and obligations in respect of financial products that are traded on the exchanges operated by Euronext's subsidiaries shall depend solely on the applicable rules of the market operator. All proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced in any form without the prior written permission of Euronext.

All data as of the date of publication unless stated otherwise. Euronext disclaims any duty to update this information.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/terms-use>.

© 2019, Euronext N.V. - All rights reserved.

(1) The EUSIPA codes are numeric categorization labels for the payoff of note-based structured products. They are based on the EUSIPA Map© which is intellectual property of EUSIPA, the European Structured Investment Products Association a.i.s.b.l., a non-profit association incorporated under Belgian law. EUSIPA reserves the right to regularly update the Map without prior public or individual notification. The updated version of the EUSIPA Map will be made available to the public via the EUSIPA website (<http://www.eusipa.org/governance/categorisation>).

The codes of the EUSIPA Map can be used free of charge by professional market participants. EUSIPA does not assume any liability for the usage of the Map or its single codes by third parties.