



warrants and certificates

Activity report

Issue 95
June 2019

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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 30/06/2019)	22,032	732	1,702	55,004	79,470
New Products	4,946	201	720	17,765	23,632
New Products YTD	29,704	1,145	2,466	95,847	129,162
Value Traded (in €m)	328.2	6.2	90.7	245.9	671.0
Value Traded YTD (in €m)	2,288.8	59.0	617.5	1,590.8	4,556.1
Value Traded ADV (in €m)	16.4	0.3	4.5	12.3	33.6
Value Traded YTD ADV (in €m)	18.3	0.5	4.9	12.7	36.4
Number of Trades	141,907	3,695	7,136	87,987	240,725
Number of Trades YTD	928,602	28,229	55,795	575,721	1,588,347
Number of Trades ADV	7,095	185	357	4,399	12,036
Number of Trades YTD ADV	7,429	226	446	4,606	12,707

(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

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* 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

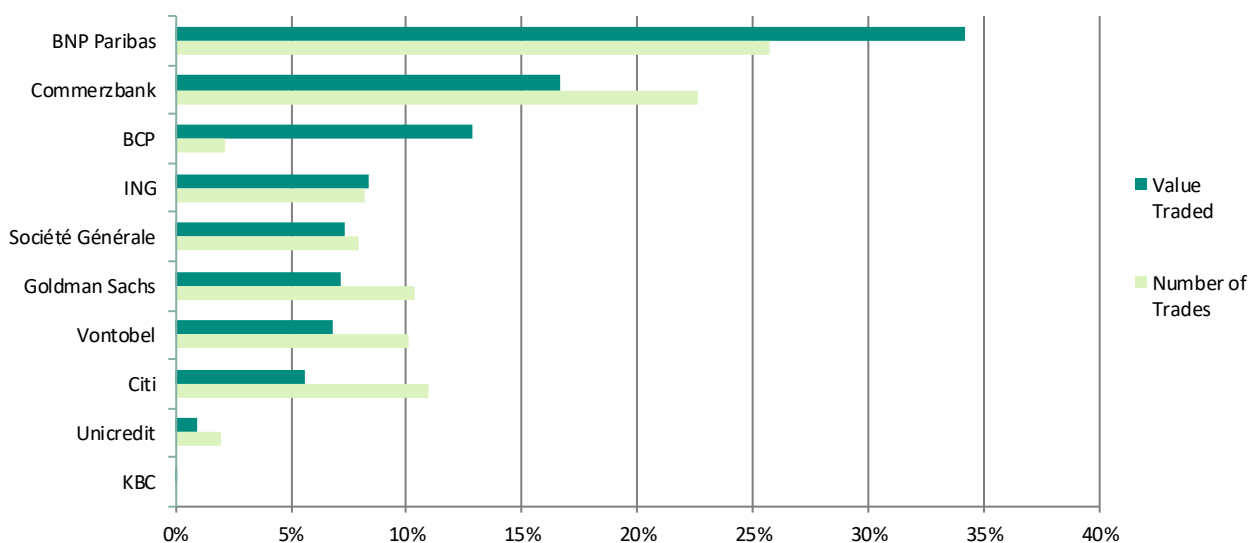
Market Overview

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	11,485	-5.1%	-10.1%	34.2%	3,101	-19.3%	-12.1%	25.8%
Commerzbank	5,601	-5.7%	-21%	16.7%	2,724	-8.7%	-17.1%	22.6%
BCP	4,324	-8.8%	26%	12.9%	254	-28.8%	-76.8%	2.1%
ING	2,796	-22%	-13.0%	8.3%	985	-6.8%	301.6%	8.2%
Société Générale	2,447	-11.2%	-15.6%	7.3%	957	-39.4%	-8.7%	8.0%
Goldman Sachs	2,407	-7.9%	-6.4%	7.2%	1,248	16.8%	-9.1%	10.4%
Vontobel	2,295	1.6%	-7.8%	6.8%	1,213	-18.1%	35.3%	10.1%
Citi	1,881	9.9%	9.2%	5.6%	1,321	33.0%	33.3%	11.0%
Unicredit	313	-12.9%	-12.7%	0.9%	235	-7.9%	8.4%	1.9%
KBC	2	154%	-97%	0.0%	0.2	46.7%	-73.0%	0.0%
Total	33,552	-7.0%	-8.5%	100%	12,036	-11.6%	-5.1%	100%

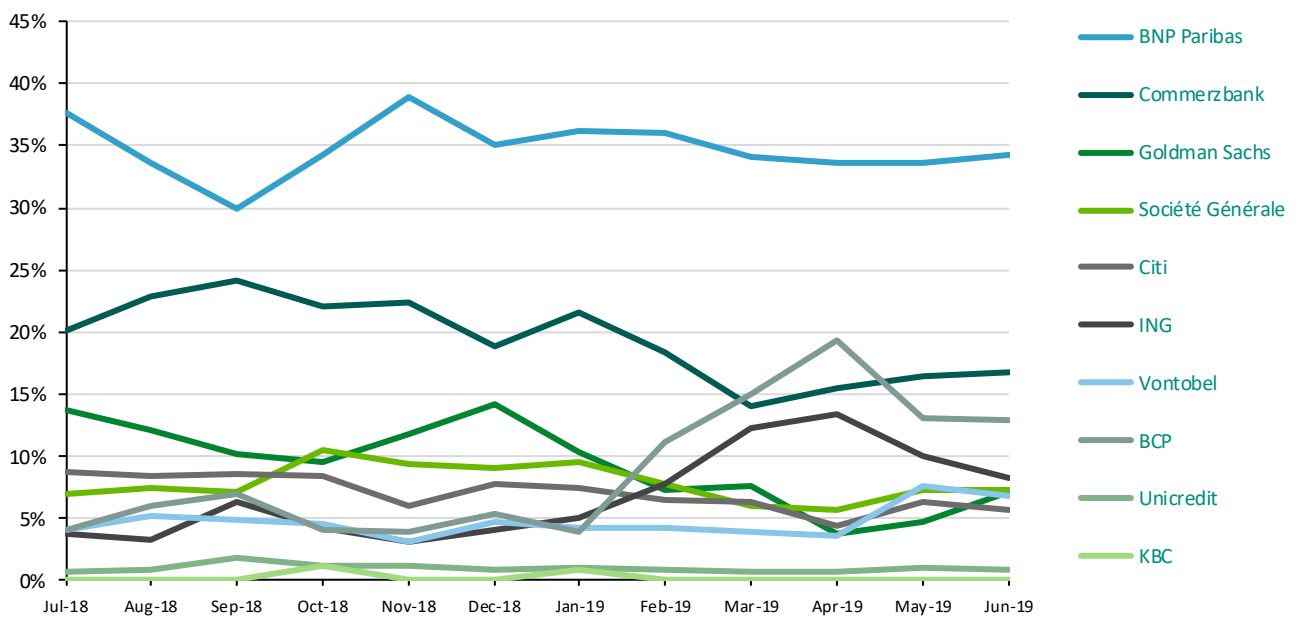
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ISSUERS

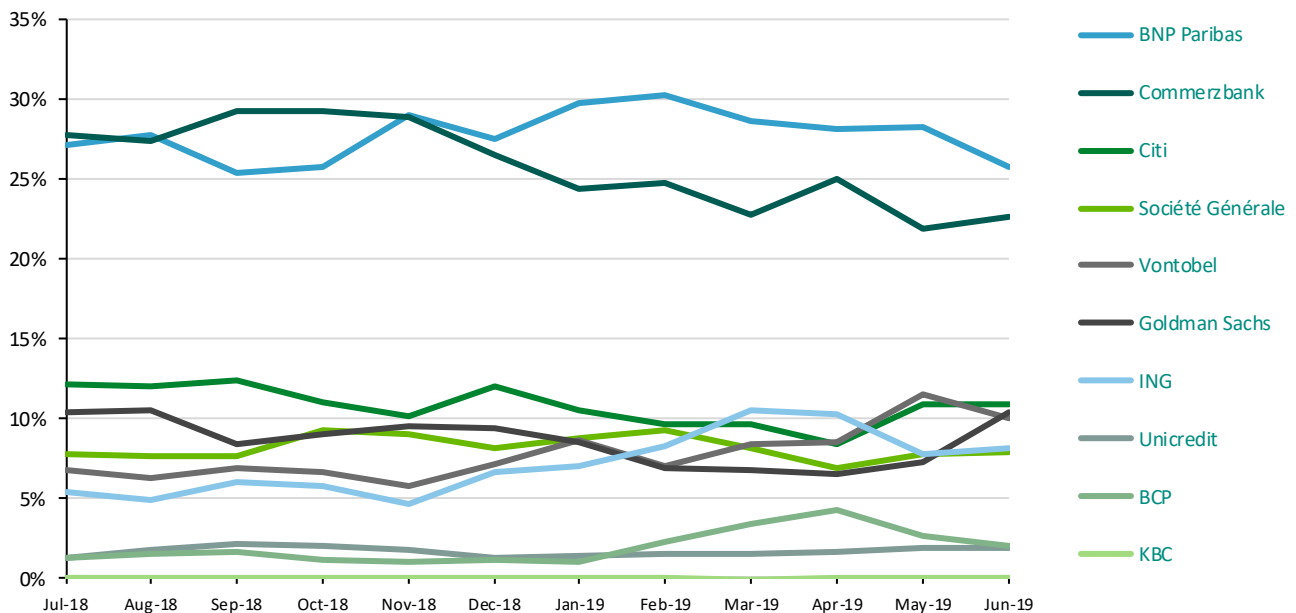
Market Trend: Value traded

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

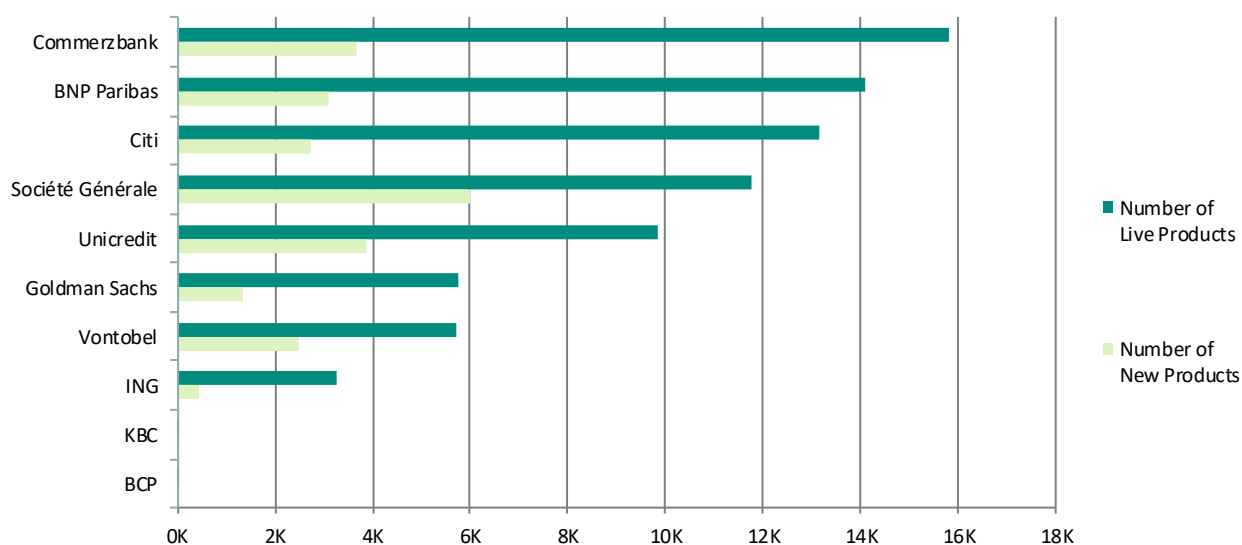
Product Overview

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	15,810	3.2%	3.1%	19.9%	3,688	12.0%	9.1%	15.6%
BNP Paribas	14,110	-1.3%	18.0%	17.8%	3,112	-1.5%	-9.7%	13.2%
Citi	13,155	-1.2%	12.6%	16.6%	2,717	-28%	-21%	11.5%
Société Générale	11,764	7.9%	19.7%	14.8%	5,989	81%	81%	25.3%
Unicredit	9,836	18.8%	30%	12.4%	3,859	11.5%	79%	16.3%
Goldman Sachs	5,774	2.7%	12.9%	7.3%	1,345	-36%	4.5%	5.7%
Vontobel	5,731	-4.7%	-0.4%	7.2%	2,475	-32%	-10.7%	10.5%
ING	3,244	1.7%	4.7%	4.1%	446	31%	31%	1.9%
KBC	24	-1.4%	0.3%	0.0%	1	0.0%	-29%	0.0%
BCP	22	0.0%	0.1%	0.0%	0			0.0%
Total	79,470	3.2%	12.9%	100%	23,632	2.5%	17.5%	100%

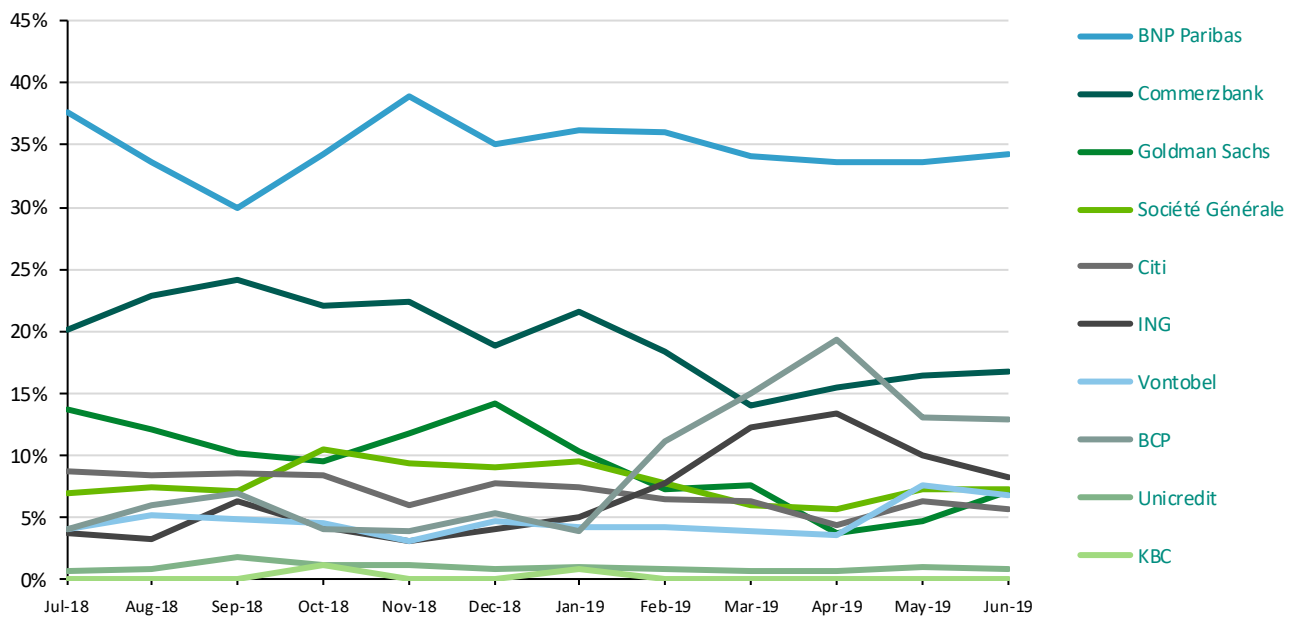
(Source Euronext)



ISSUERS

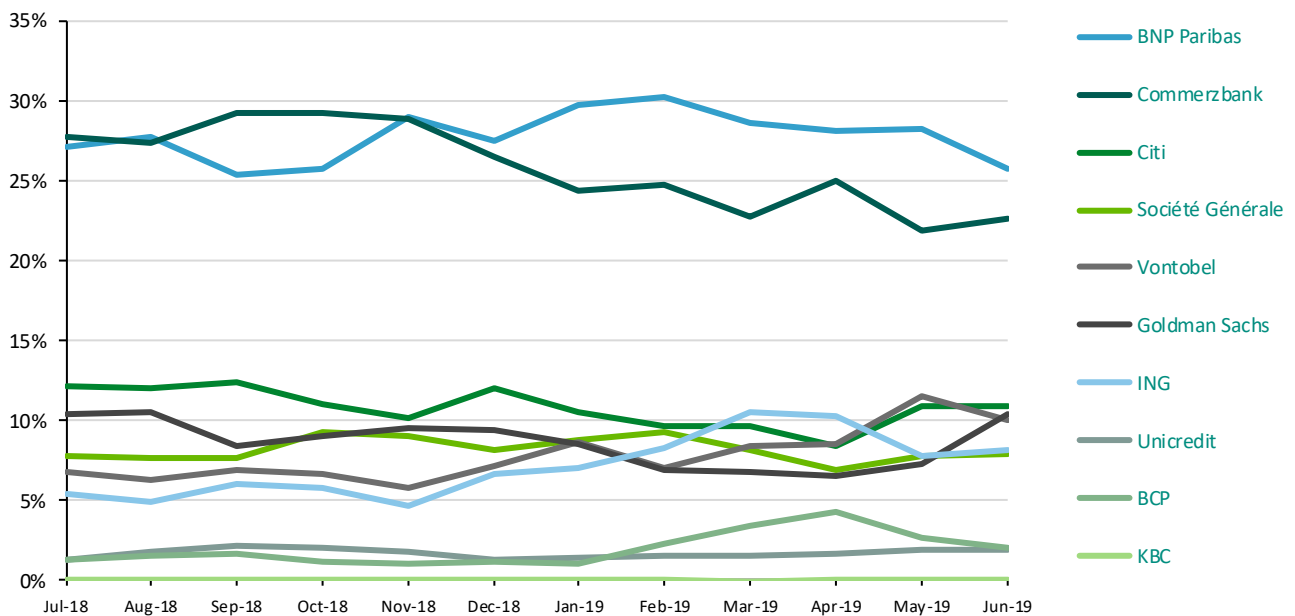
Product Trend: Number of Live Products

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)

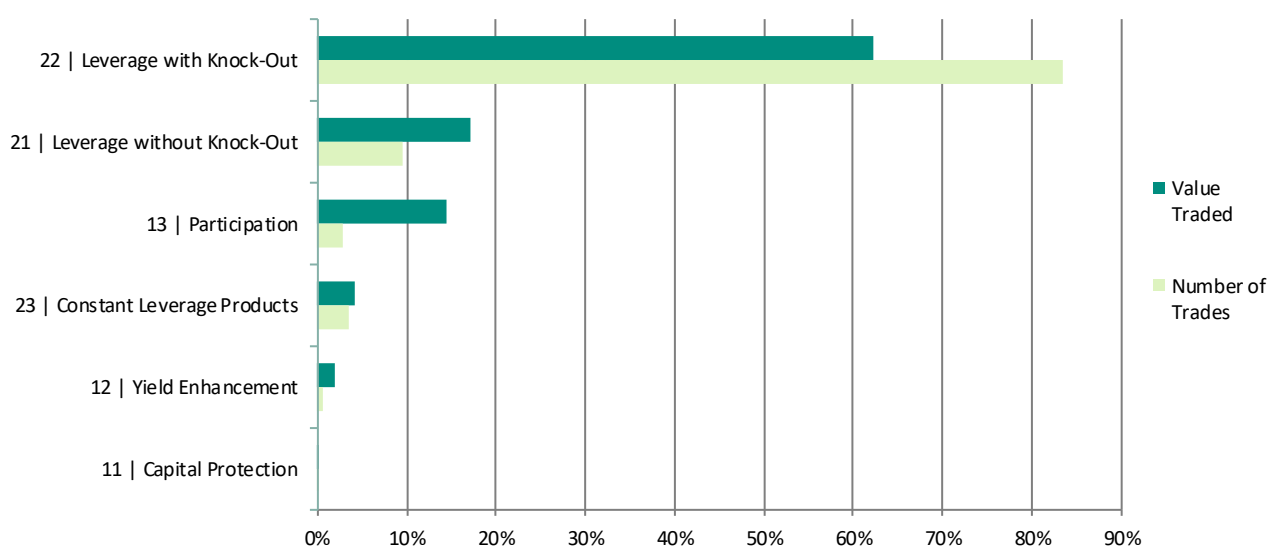
Market Overview

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	20,929	-7.4%	-18.1%	62.4%	10,055	-10.3%	-4.4%	83.5%
21 Leverage without Knock-Out	5,735	-13.2%	15.2%	17.1%	1,161	-18.5%	-8.5%	9.6%
13 Participation	4,828	-6.2%	32%	14.4%	334	-23.2%	6.3%	2.8%
23 Constant Leverage Products	1,423	-1.0%	-23%	4.2%	418	-13.2%	-17.3%	3.5%
12 Yield Enhancement	637	131%	3.9%	1.9%	68	11.5%	-8.5%	0.6%
11 Capital Protection	0	-87%	-61%	0.0%	0.2	-45.0%	-39.5%	0.0%
Total	33,552	-7.0%	-8.5%	100%	12,036	-11.6%	-5.1%	100%

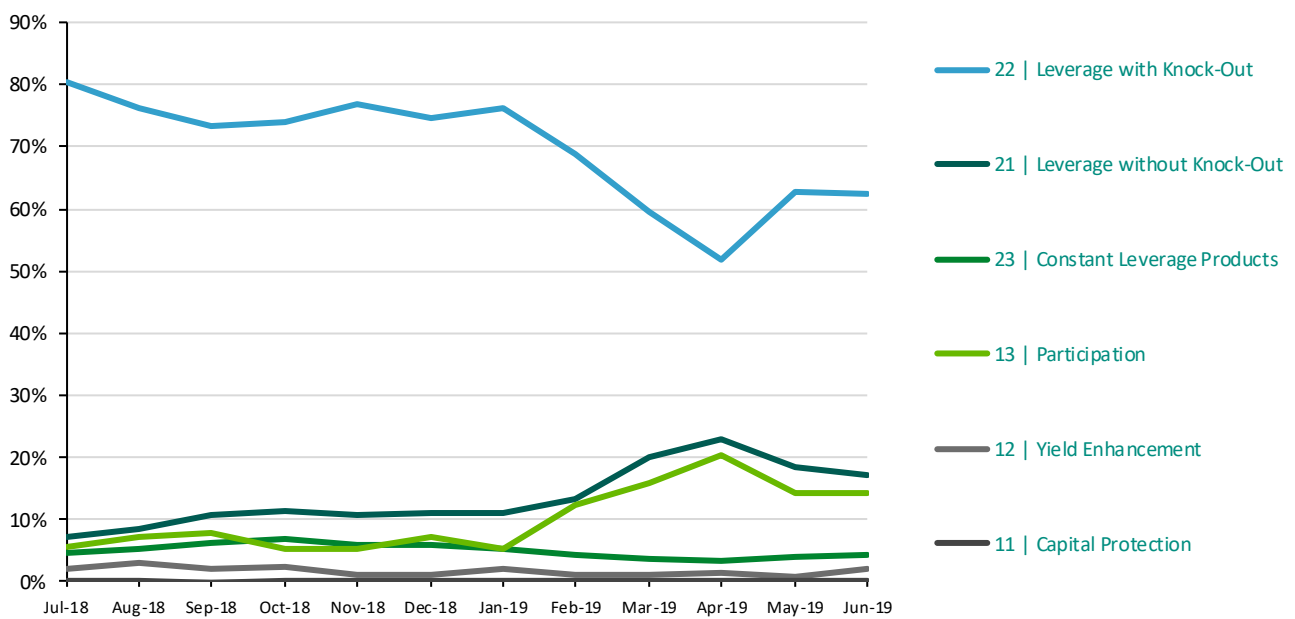
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

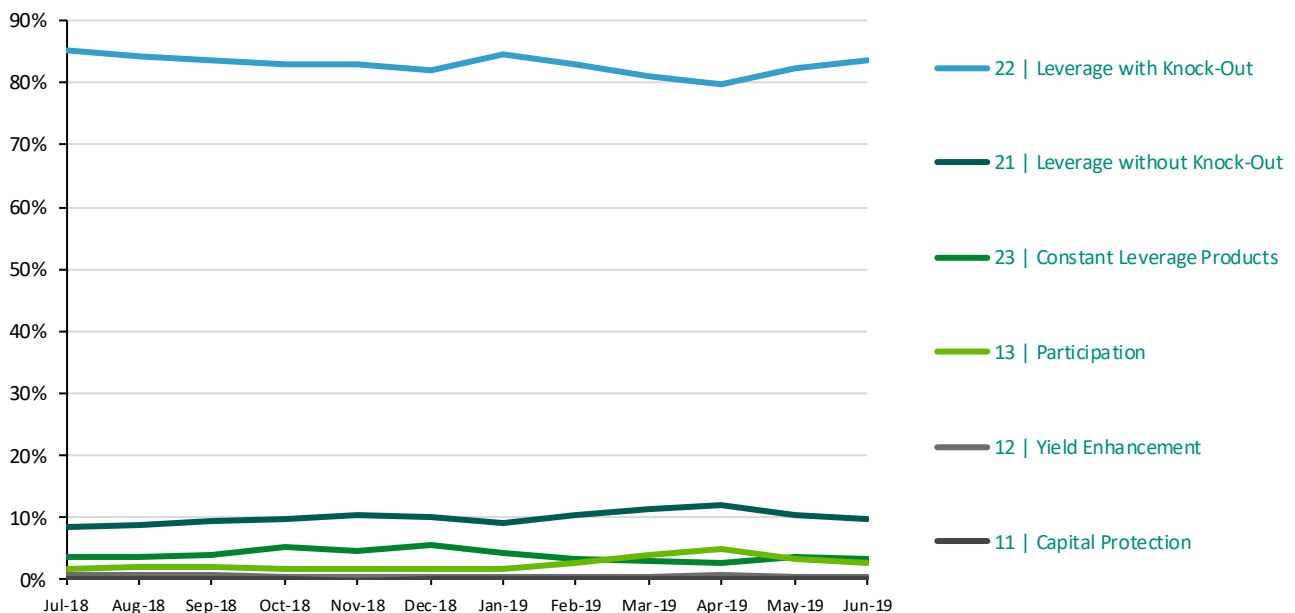
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

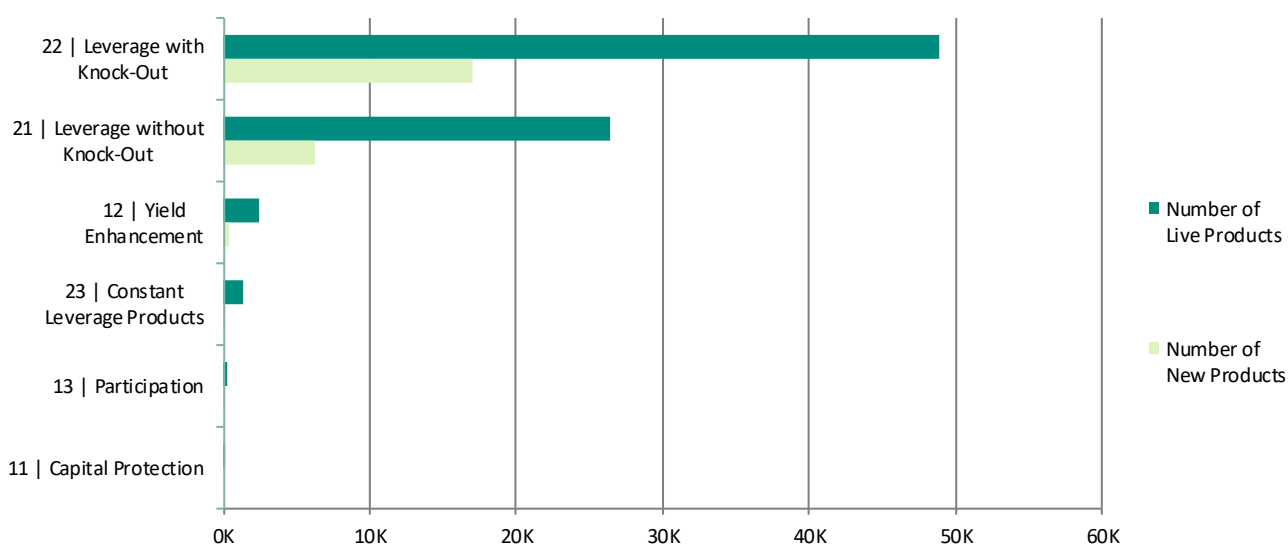
Product Overview

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	48,967	3.3%	10.5%	61.6%	16,988	-4.1%	9.8%	71.9%
21 Leverage without Knock-Out	26,396	3.1%	17.2%	33.2%	6,267	28%	46%	26.5%
12 Yield Enhancement	2,439	2.7%	25%	3.1%	308	17.6%	14.0%	1.3%
23 Constant Leverage Products	1,381	3.8%	5.2%	1.7%	51	-73%	-18.2%	0.2%
13 Participation	286	-1.9%	-5.2%	0.4%	18	100%	61%	0.1%
11 Capital Protection	2	-45%	-67%	0.0%	0			0.0%
Total	79,470	3.2%	12.9%	100%	23,632	2.5%	17.5%	100%

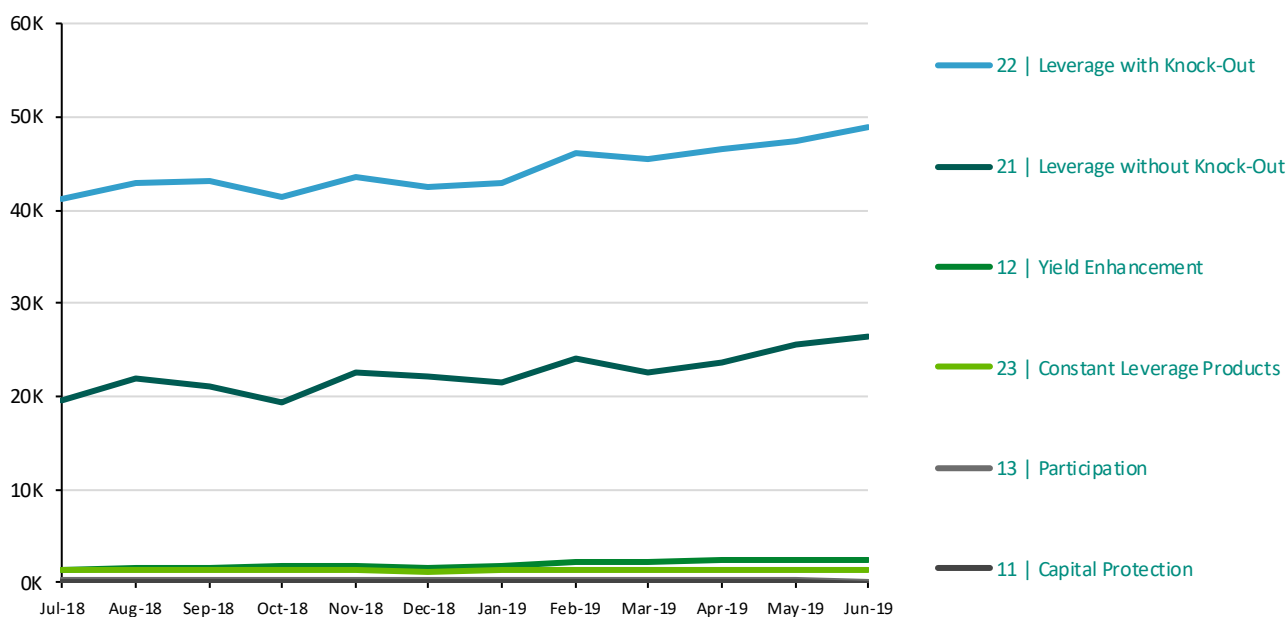
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

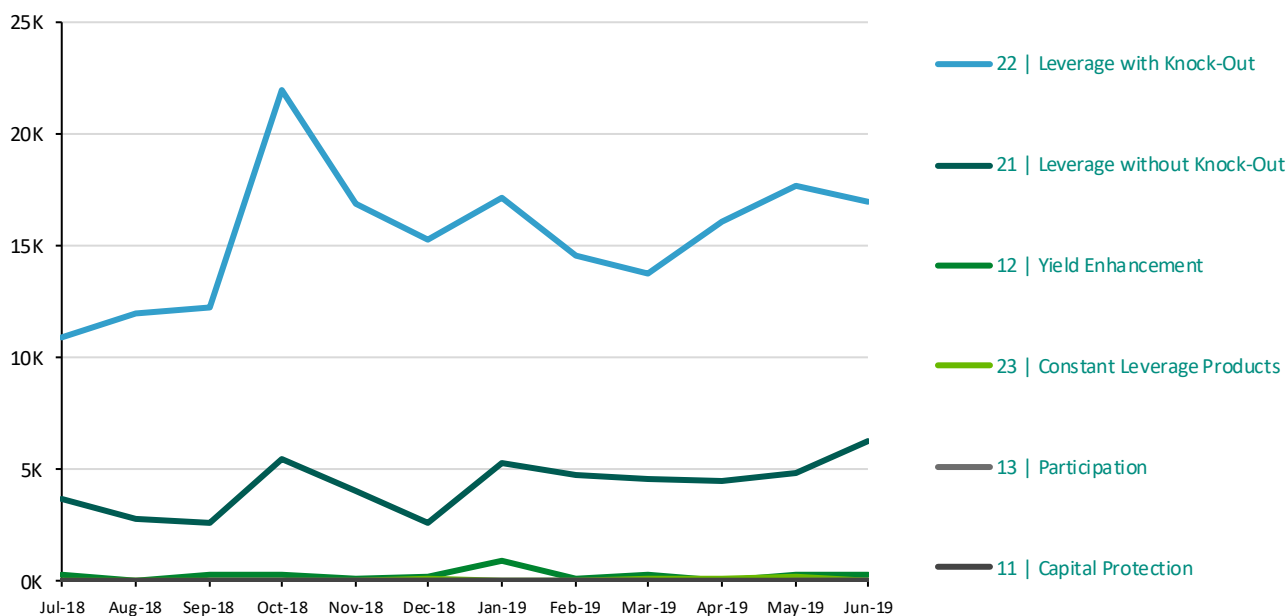
Product Trend: Number of Live Products

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)

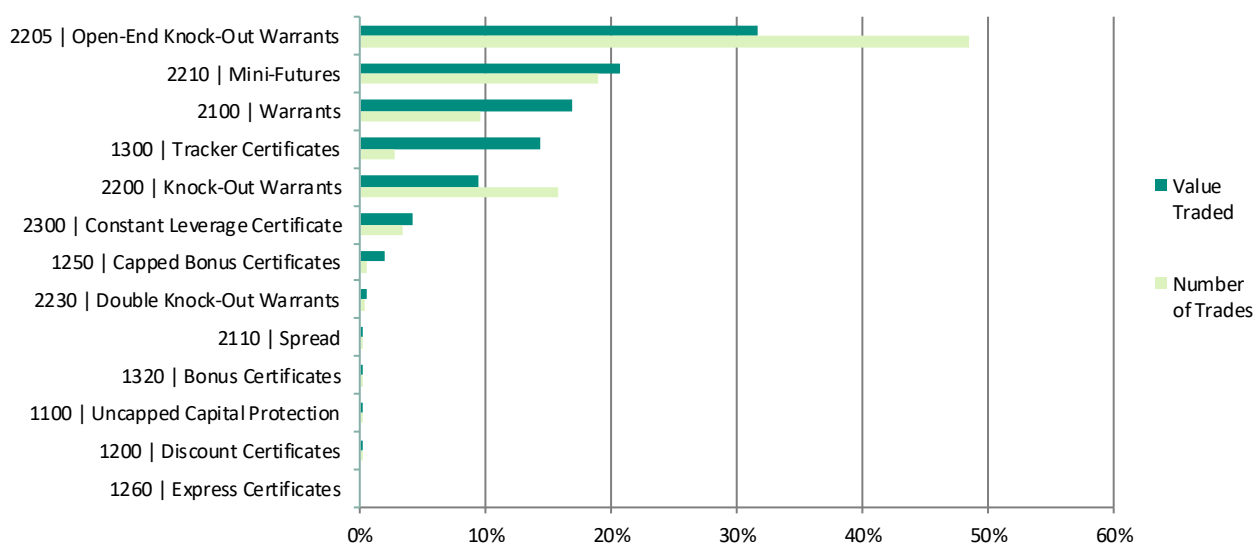
Market Overview

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	10,661	-6.8%	-15.0%	31.8%	5,838	-10.2%	-4.0%	48.5%
2210 Mini-Futures	6,929	-1.1%	-25%	20.7%	2,282	-5.2%	-16.1%	19.0%
2100 Warrants	5,695	-13.6%	15.1%	17.0%	1,150	-18.7%	-8.7%	9.6%
1300 Tracker Certificates	4,822	-6.2%	29%	14.4%	332	-23%	-80%	2.8%
2200 Knock-Out Warrants	3,181	-20%	-12.8%	9.5%	1,896	-16.0%	509%	15.8%
2300 Constant Leverage Certificate	1,423	-1.0%	-23%	4.2%	418	-13.2%	-17.3%	3.5%
1250 Capped Bonus Certificates	637	131%	17.1%	1.9%	67	11.8%	-7.8%	0.6%
2230 Double Knock-Out Warrants	158	-11.7%	107%	0.5%	39	-13.3%	81%	0.3%
2110 Spread	40	117%	-42%	0.1%	11	11.5%	NA	0.1%
1320 Bonus Certificates	6	-17.1%	-79%	0.0%	2.5	14.6%	-73%	0.0%
1100 Uncapped Capital Protection	0	-87%	-96%	0.0%	0.2	-45%	-95%	0.0%
1200 Discount Certificates	0	-90%	-92%	0.0%	0.1	-78%	-86%	0.0%
1260 Express Certificates	0		-100%	0.0%	0.0		-100%	0.0%
Total	33,552	-7.0%	-8.5%	100%	12,036	-11.6%	-5.1%	100%

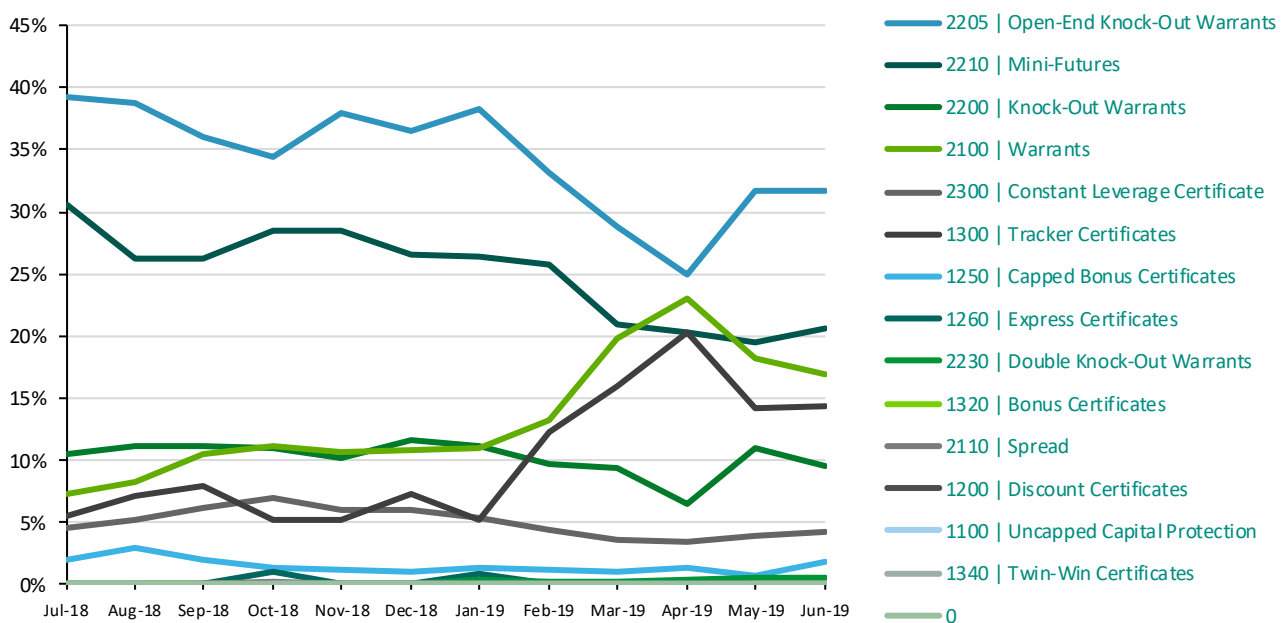
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

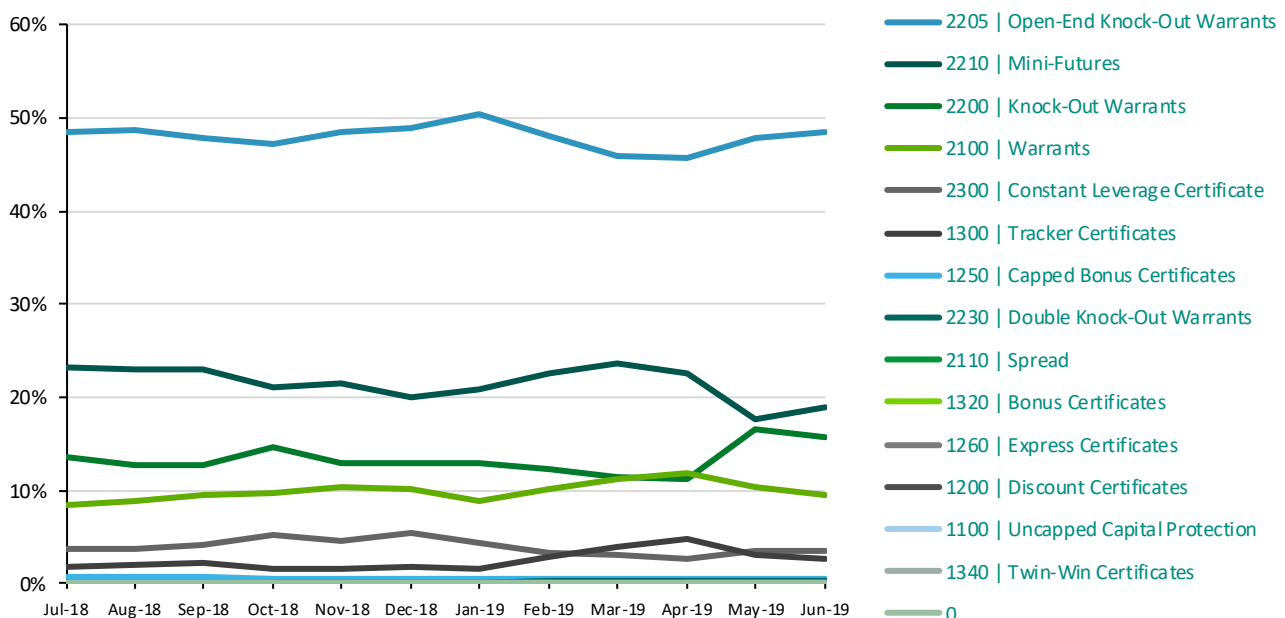
Market Trend: Value traded

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)

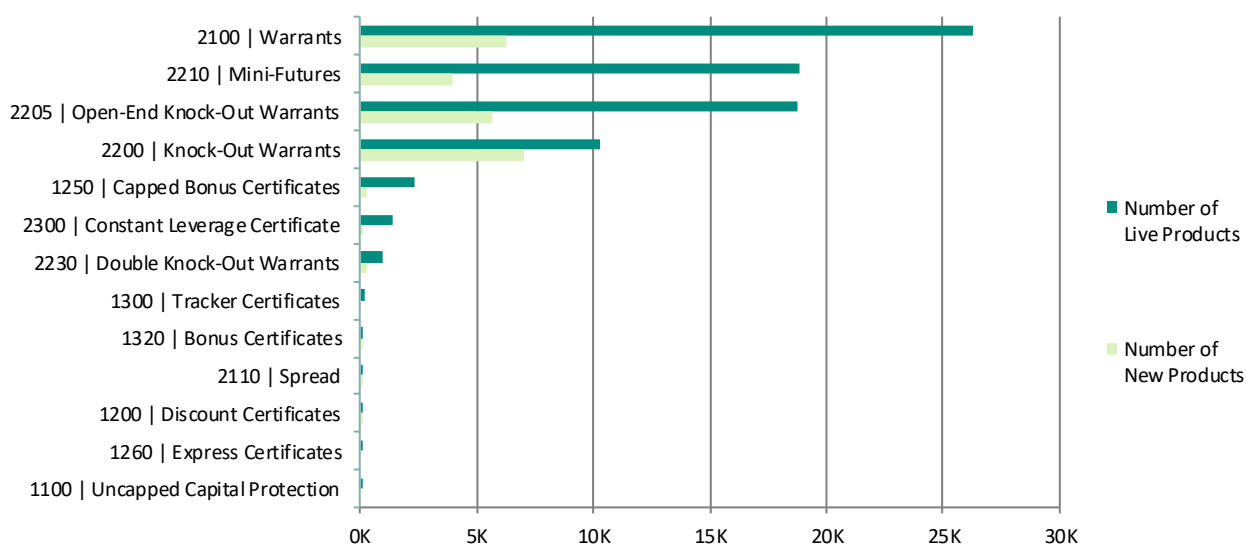
Product Overview

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	26,291	3.1%	17.3%	33.1%	6,252	29%	46%	26.5%
2210 Mini-Futures	18,875	-0.4%	4.1%	23.8%	3,966	-18.6%	-4.0%	16.8%
2205 Open-End Knock-Out Warrants	18,800	1.8%	6.4%	23.7%	5,677	-0.3%	10.1%	24.0%
2200 Knock-Out Warrants	10,326	13.2%	27%	13.0%	7,024	0.6%	17.0%	29.7%
1250 Capped Bonus Certificates	2,365	3.1%	26%	3.0%	286	9.2%	8.7%	1.2%
2300 Constant Leverage Certificate	1,381	3.8%	5.2%	1.7%	51	-73%	-18.2%	0.2%
2230 Double Knock-Out Warrants	966	13.4%	140%	1.2%	321	87%	84%	1.4%
1300 Tracker Certificates	170	-1.6%	-3.0%	0.2%	0	-100%	-100%	0.0%
1320 Bonus Certificates	115	-2.4%	-8.0%	0.1%	18	260%	77%	0.1%
2110 Spread	105	-2.4%	-2.6%	0.1%	15	-11.8%	0.6%	0.1%
1200 Discount Certificates	71	-11.9%	0.5%	0.1%	22		222%	0.1%
1260 Express Certificates	2	51%	66%	0.0%	0		-100%	0.0%
1100 Uncapped Capital Protection	2	-45%	-67%	0.0%	0			0.0%
Total	79,470	3.2%	12.9%	100%	23,632	2.5%	17.5%	100%

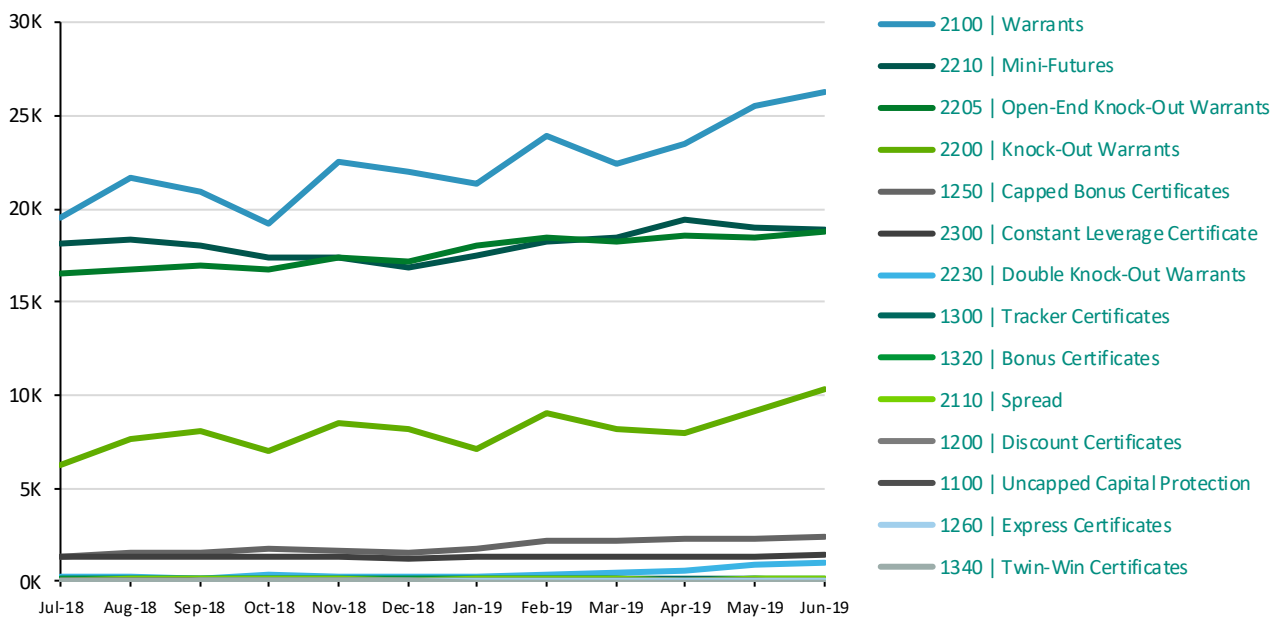
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

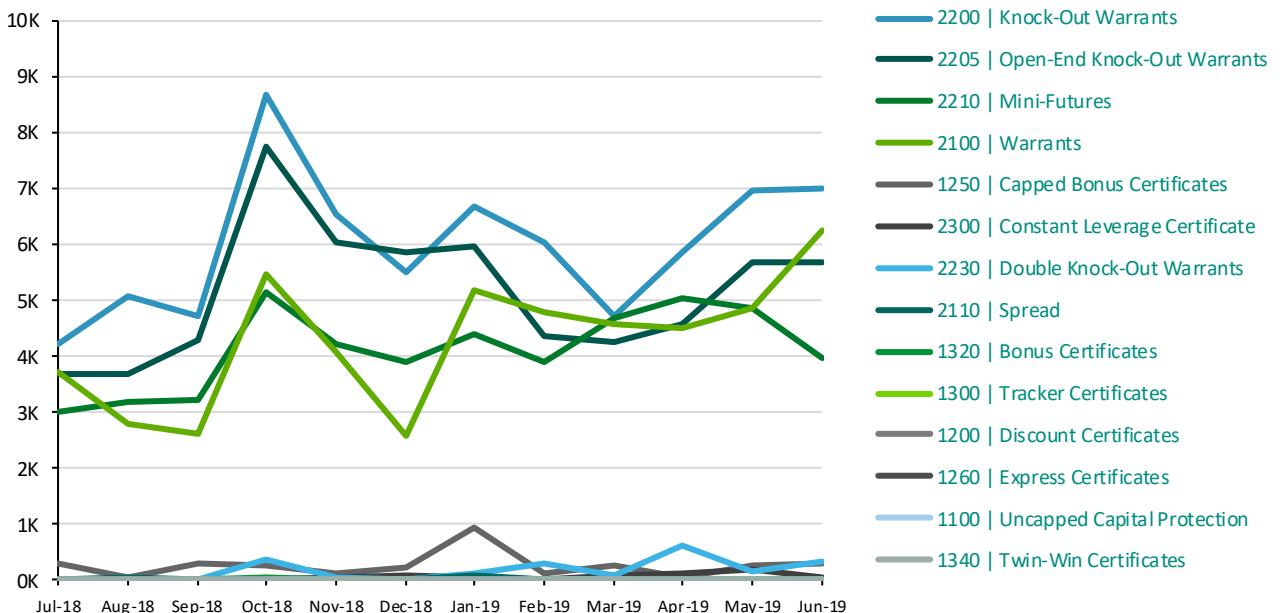
Product Trend: Number of Live Products

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

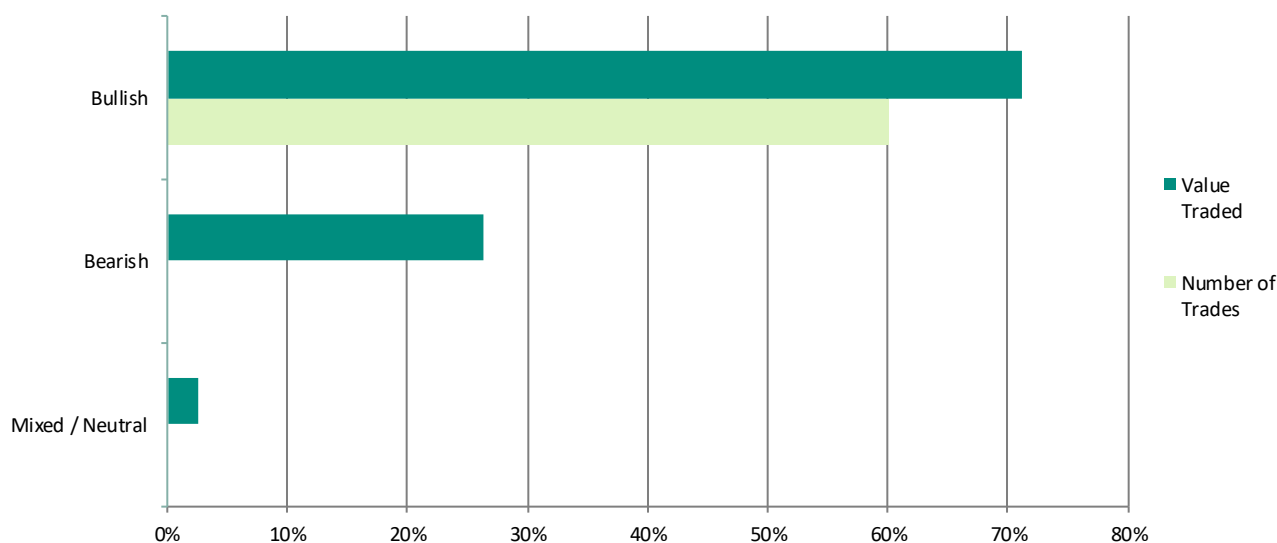
Market Overview

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	23,887	-4.8%	-4.3%	71.2%	7,222	-19.1%	-10.6%	60.0%
Bearish	8,829	-15.9%	-20.0%	26.3%	0.0	-100%	-100%	0.0%
Mixed / Neutral	836	74%	28%	2.5%	0.0	-100%	-100%	0.0%
Total	33,552	-7.0%	-8.5%	100%	12,036	-11.6%	-5.1%	100%

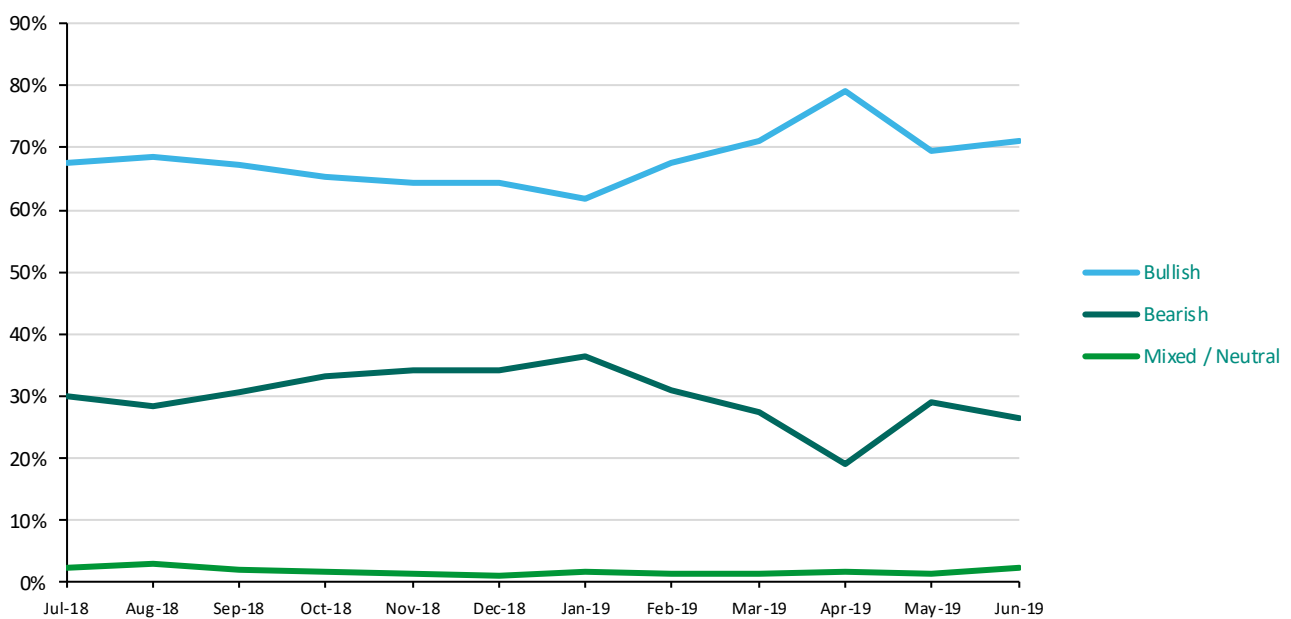
(Source Euronext)



PRODUCT STRATEGIES

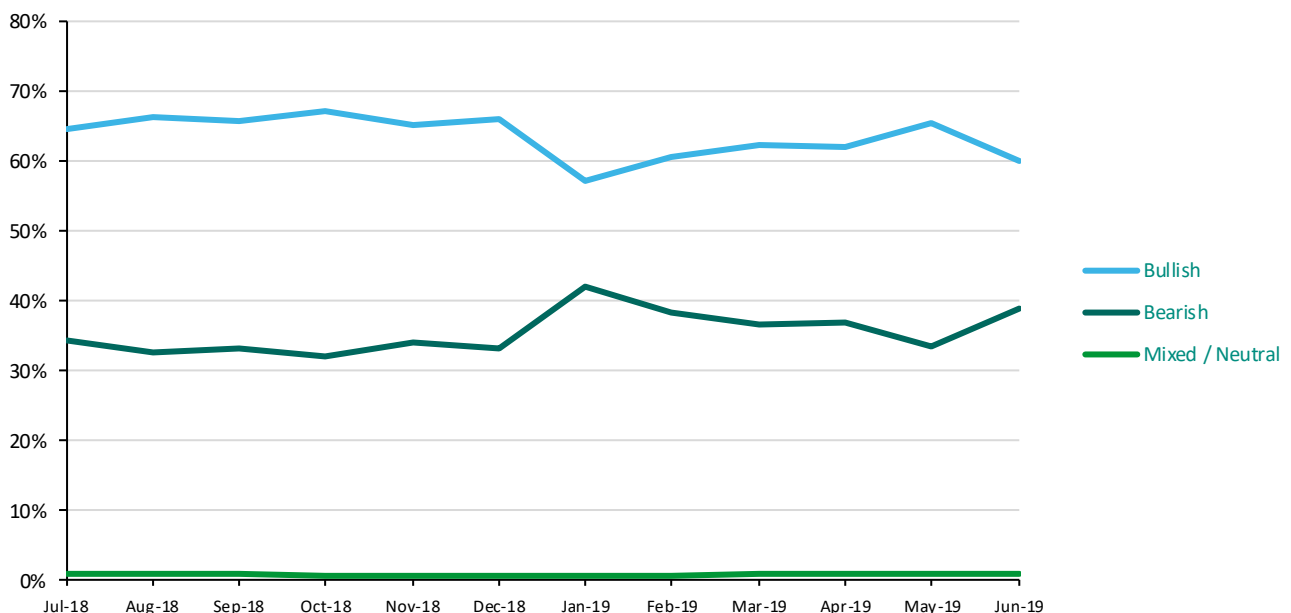
Market Trend: Value traded

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

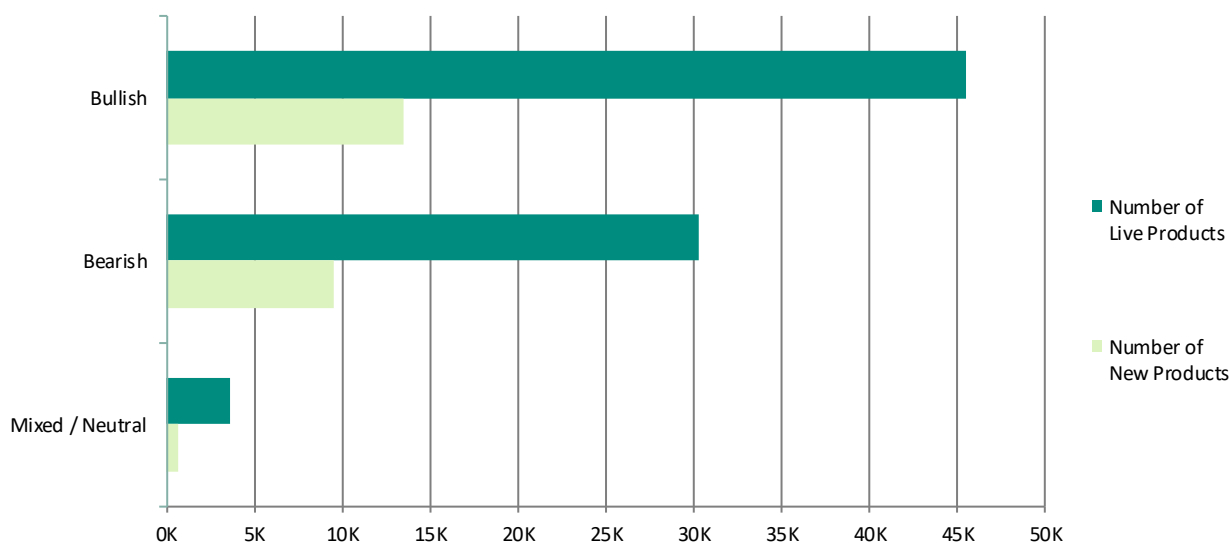
Product Overview

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	45,536	2.4%	14.1%	57.3%	13,463	24%	24%	57.0%
Bearish	30,316	4.3%	8.7%	38.1%	9,525	-19.2%	7.9%	40.3%
Mixed / Neutral	3,618	5.0%	40%	4.6%	644	43%	38%	2.7%
Total	79,470	3.2%	12.9%	100%	23,632	2.5%	17.5%	100%

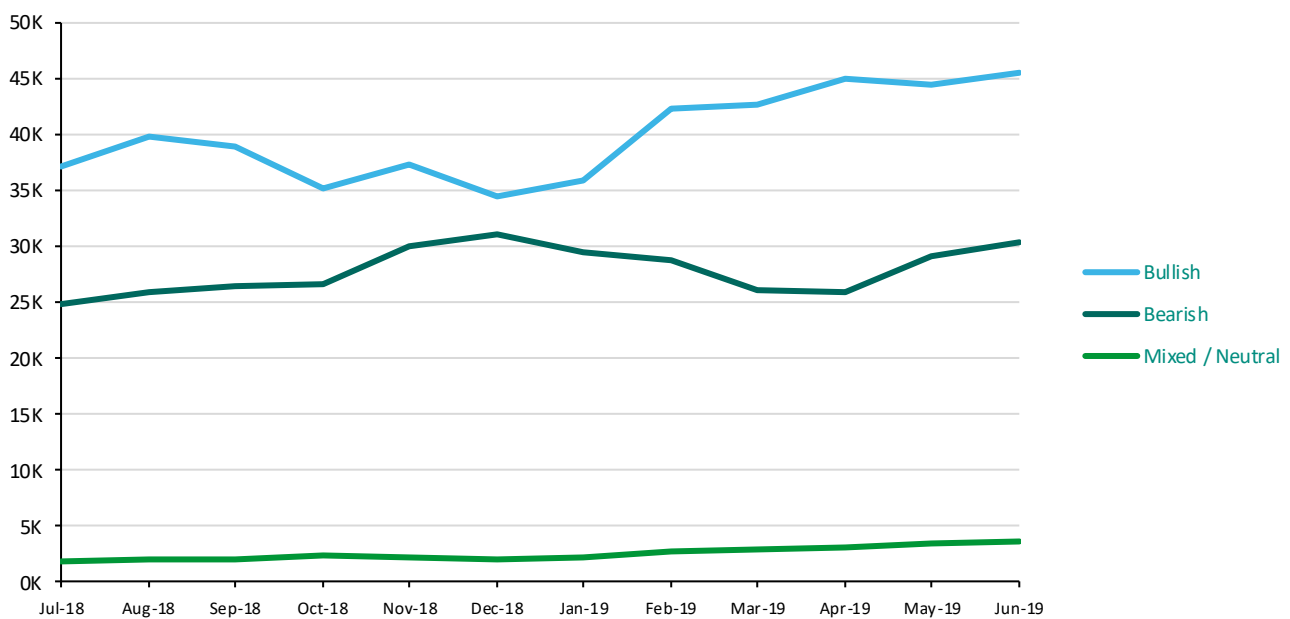
(Source Euronext)



PRODUCT STRATEGIES

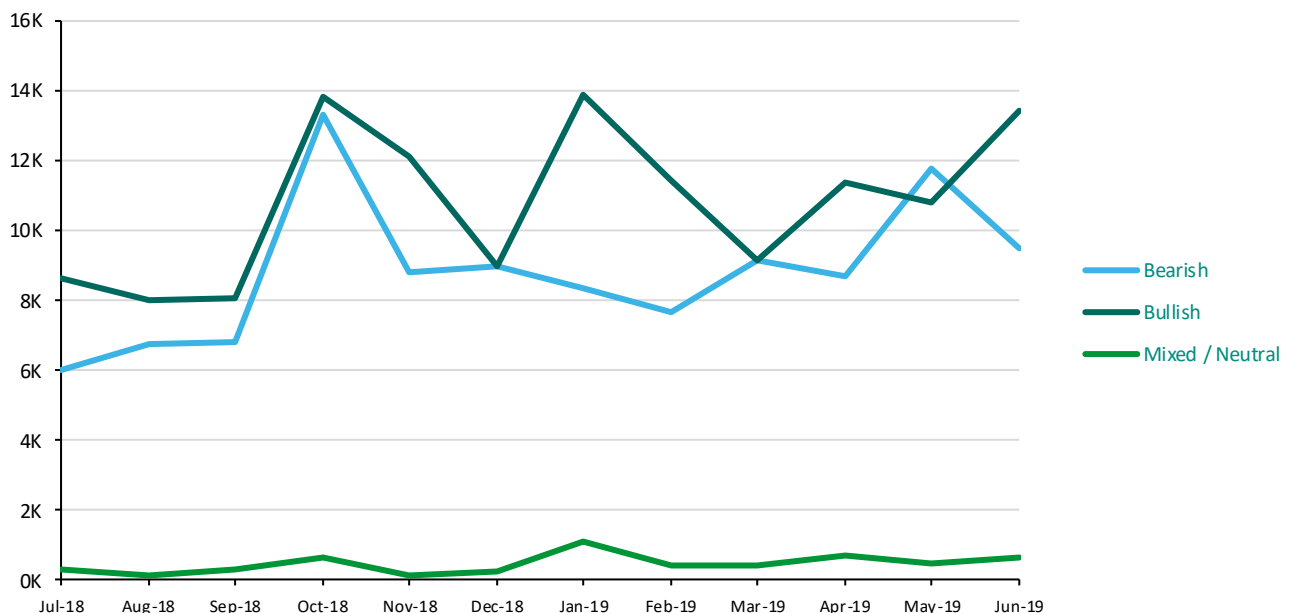
Product Trend: Number of Live Products

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

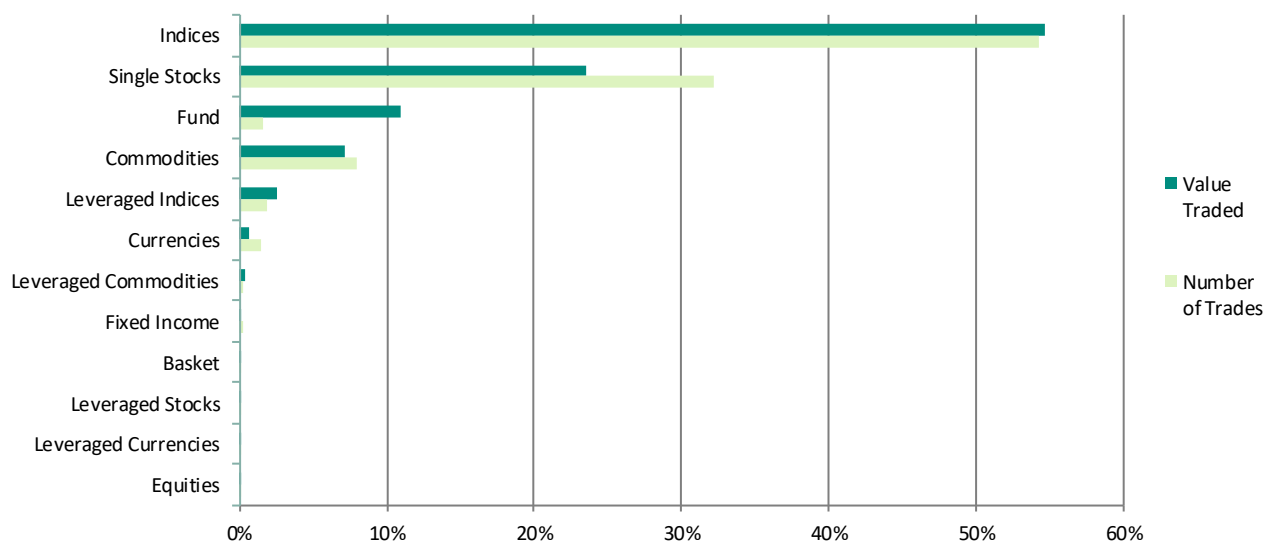
Market Overview

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	18,363	-14.6%	-10.3%	54.7%	6,530	-17.7%	-2.7%	54.3%
Single Stocks	7,904	0.1%	-15.9%	23.6%	3,876	-8.8%	-10.6%	32.2%
Fund	3,655	-7.3%	60%	10.9%	197	-21.0%	28.6%	1.6%
Commodities	2,383	49%	19.6%	7.1%	965	35.0%	23.4%	8.0%
Leveraged Indices	838	-1.1%	-24%	2.5%	222	-16.6%	-18.3%	1.8%
Currencies	210	-1.4%	-81%	0.6%	181	20.6%	-32.1%	1.5%
Leveraged Commodities	126	182%	-27%	0.4%	28	21.5%	-71.4%	0.2%
Fixed Income	38	136%	-34%	0.1%	28	NA	-2.8%	0.2%
Basket	29	139%	1.0%	0.1%	2.2	-79.0%	-87.5%	0.0%
Leveraged Stocks	5	-44%	-75%	0.0%	7.4	-17.4%	-32.4%	0.1%
Leveraged Currencies	1	-31%	-97%	0.0%	0.3	560.0%	-84.1%	0.0%
Equities	0	-75%	-93%	0.0%	0.2	10.0%	-23.8%	0.0%
Total	33,552	-7.0%	-8.5%	100%	12,036	-11.6%	-5.1%	100%

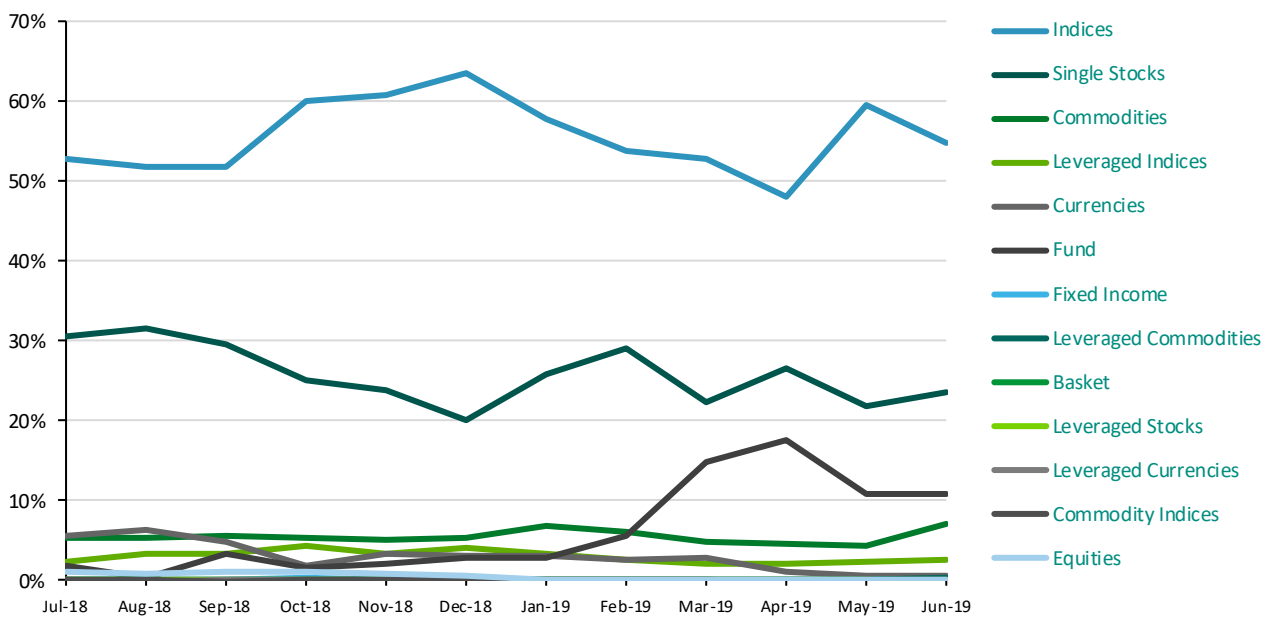
(Source Euronext)



UNDERLYING TYPES

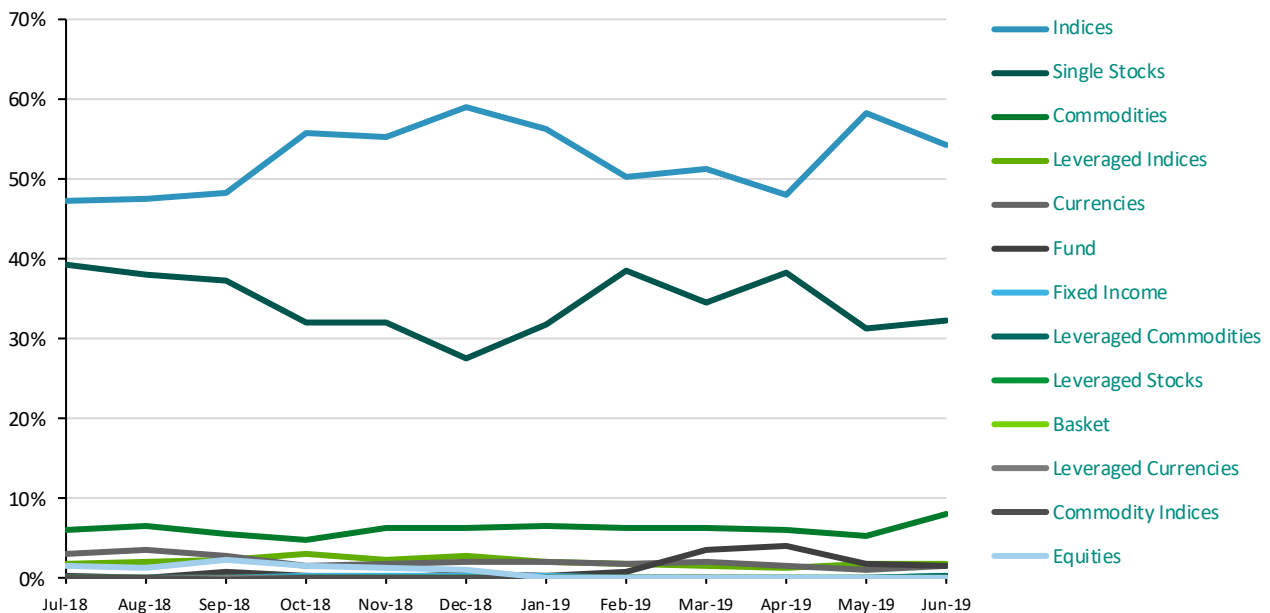
Market Trend: Value traded

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

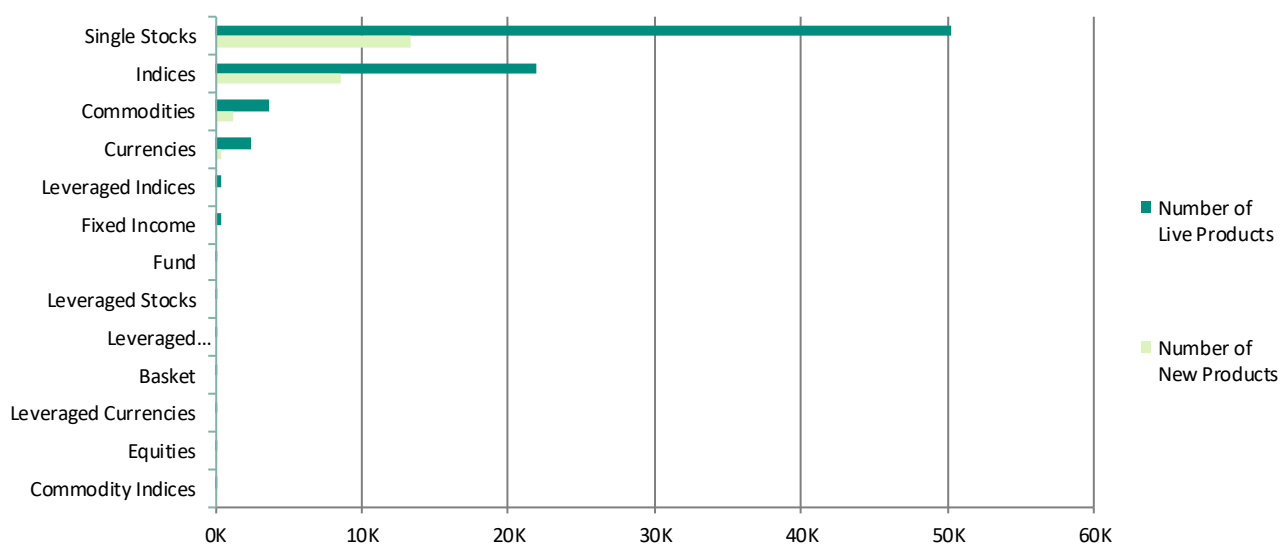
Product Overview

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	50,283	3.4%	15.1%	63.3%	13,364	2.2%	18.1%	56.6%
Indices	21,974	3.7%	12.9%	27.6%	8,617	-1.3%	14.5%	36.5%
Commodities	3,629	-0.2%	3.5%	4.6%	1,200	72%	51%	5.1%
Currencies	2,447	-0.5%	3.1%	3.1%	408	1.0%	-5.0%	1.7%
Leveraged Indices	338	-0.9%	-9.1%	0.4%	0	-100%	-100%	0.0%
Fixed Income	325	4.4%	2.4%	0.4%	36	-14.3%	90%	0.2%
Fund	163	0.5%	16.5%	0.2%	4	-60%	-24%	0.0%
Leveraged Stocks	156	-1.1%	11.7%	0.2%	0		-100%	0.0%
Leveraged Commodities	127	39%	2.1%	0.2%	0	-100%	-100%	0.0%
Basket	19	4.4%	2.0%	0.0%	0			0.0%
Leveraged Currencies	8	0.0%	-10.6%	0.0%	0			0.0%
Equities	2		-99%	0.0%	3		NA	0.0%
Commodity Indices	1	0.0%	-37%	0.0%	0			0.0%
Total	79,470	3.2%	12.9%	100%	23,632	2.5%	17.5%	100%

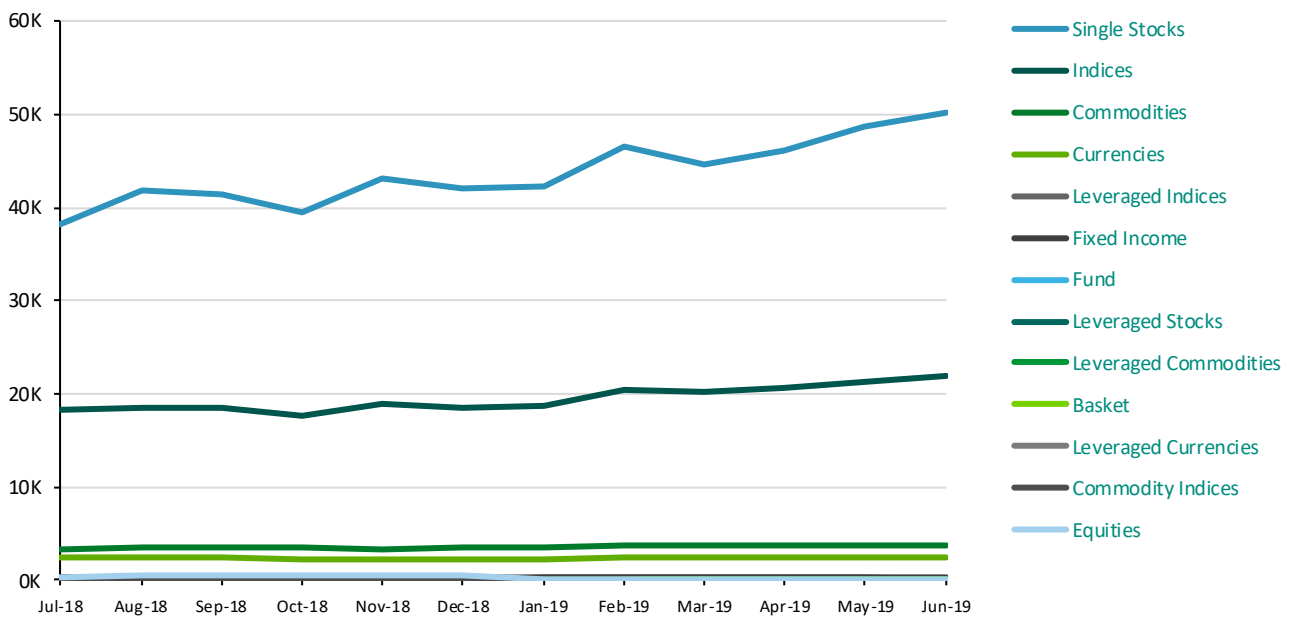
(Source Euronext)



UNDERLYING TYPES

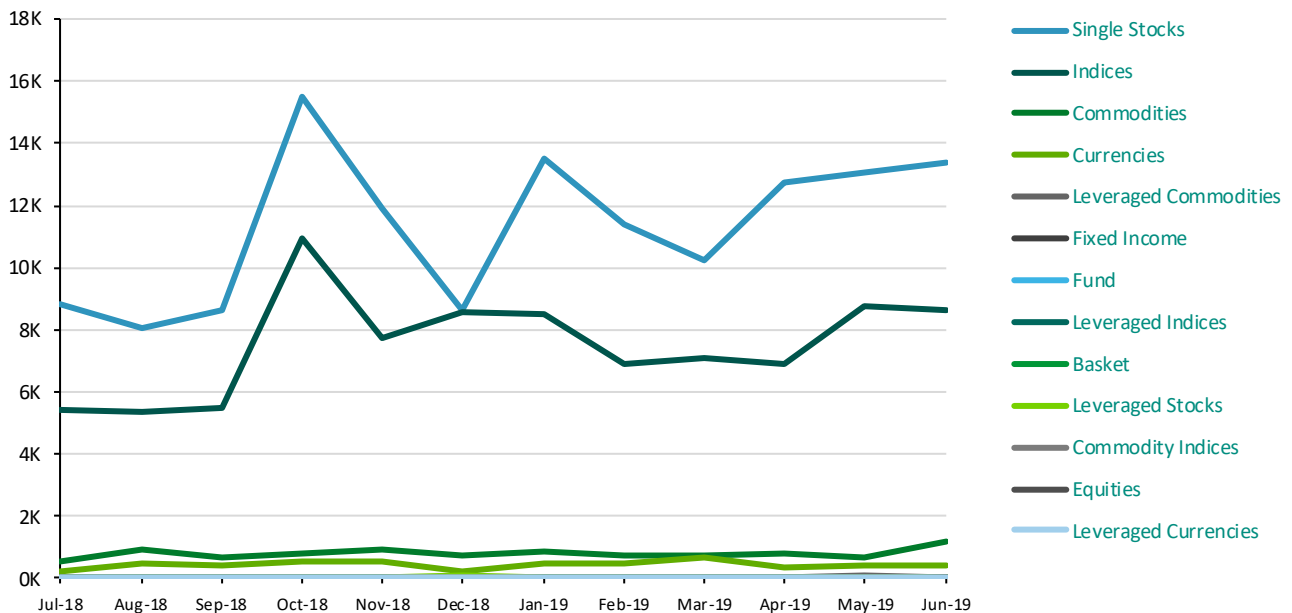
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

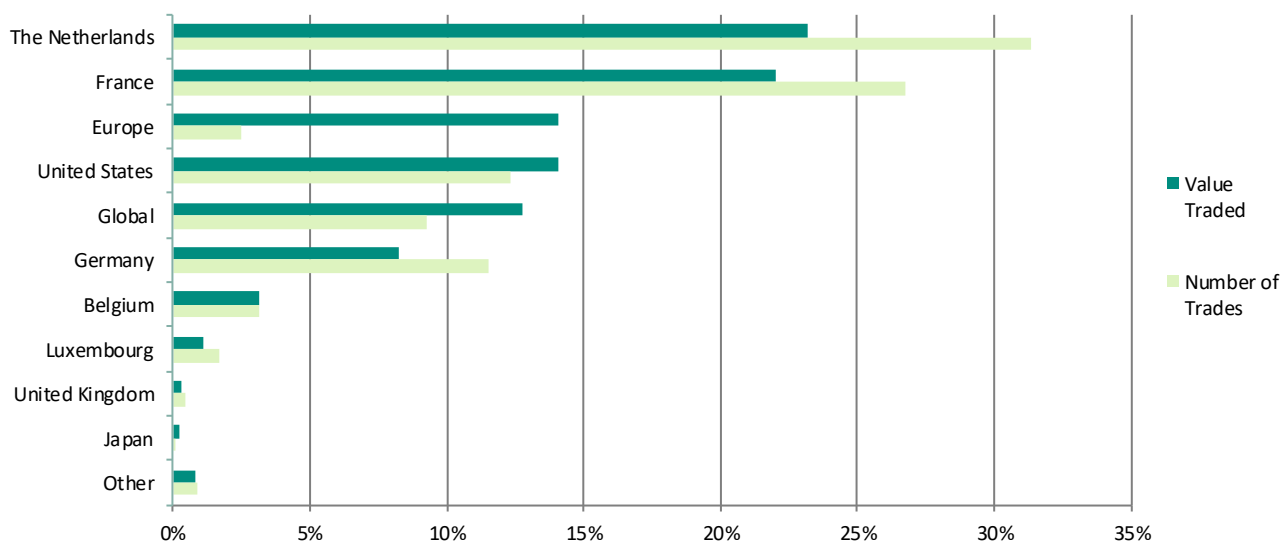
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	7,782	-3.0%	-23%	23.2%	3,775	2.1%	-5.9%	31.4%
France	7,399	-6.6%	-11.8%	22.1%	3,217	-21%	-10.4%	26.7%
Europe	4,730	-25%	-19.8%	14.1%	297	-84%	-81%	2.5%
United States	4,713	-5.9%	25%	14.0%	1,486	273%	0.5%	12.3%
Global	4,293	18.9%	32%	12.8%	1,114	24%	338%	9.3%
Germany	2,756	-22%	-12.3%	8.2%	1,387	-25%	53%	11.5%
Belgium	1,050	42%	10.1%	3.1%	381	21%	-2.3%	3.2%
Luxembourg	371	-1.3%	-10.5%	1.1%	205	-24%	-8.3%	1.7%
United Kingdom	111	-26%	-60%	0.3%	56	-26%	-36%	0.5%
Japan	76	-28%	-20%	0.2%	12	-43%	-39%	0.1%
Other	271	-23%	-22%	0.8%	107	-21%	-18.5%	0.9%
Total	33,552	-7.0%	-8.5%	100%	12,036	-11.6%	-5.1%	100%

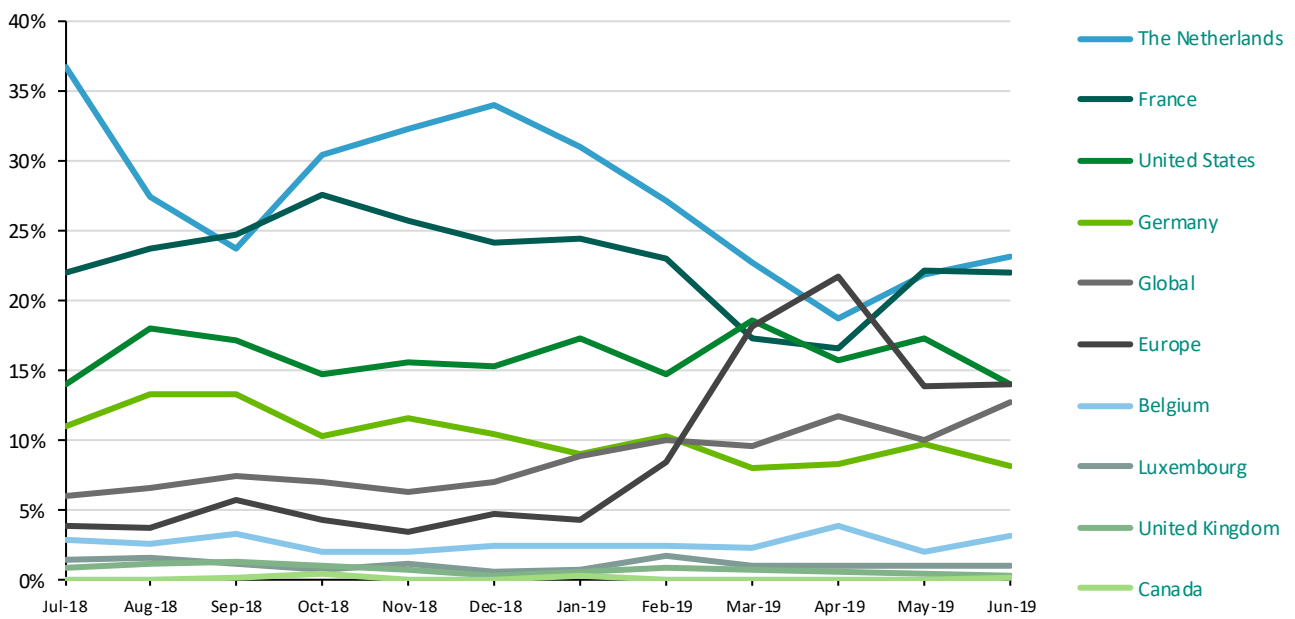
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

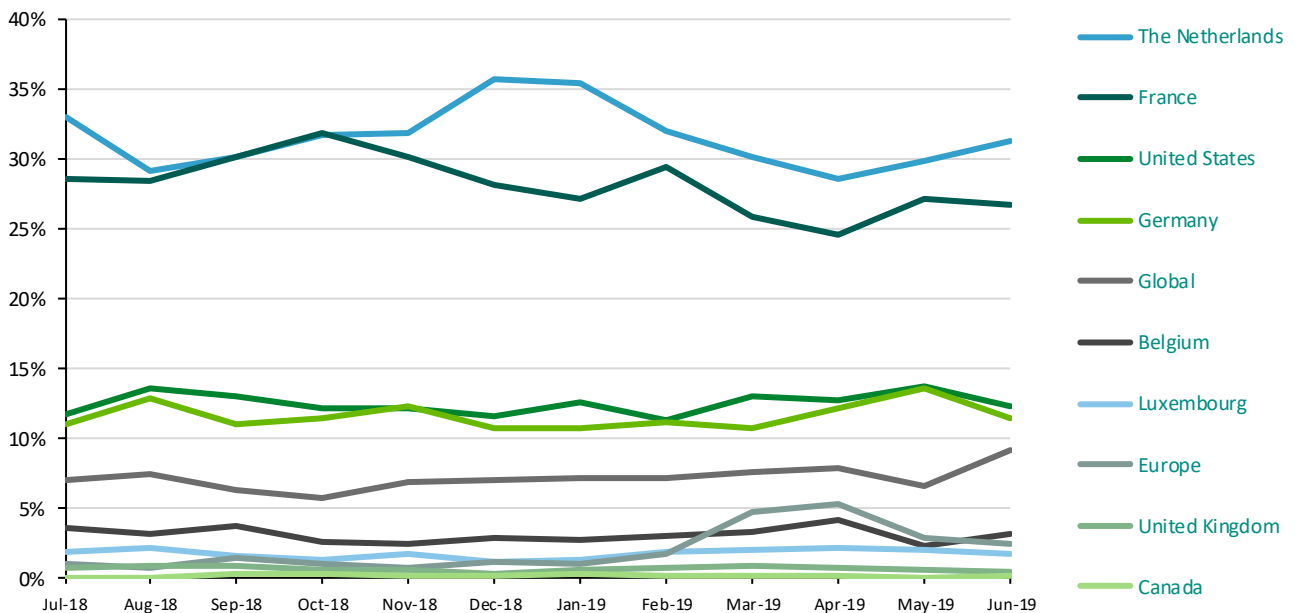
Market Trend: Value traded

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

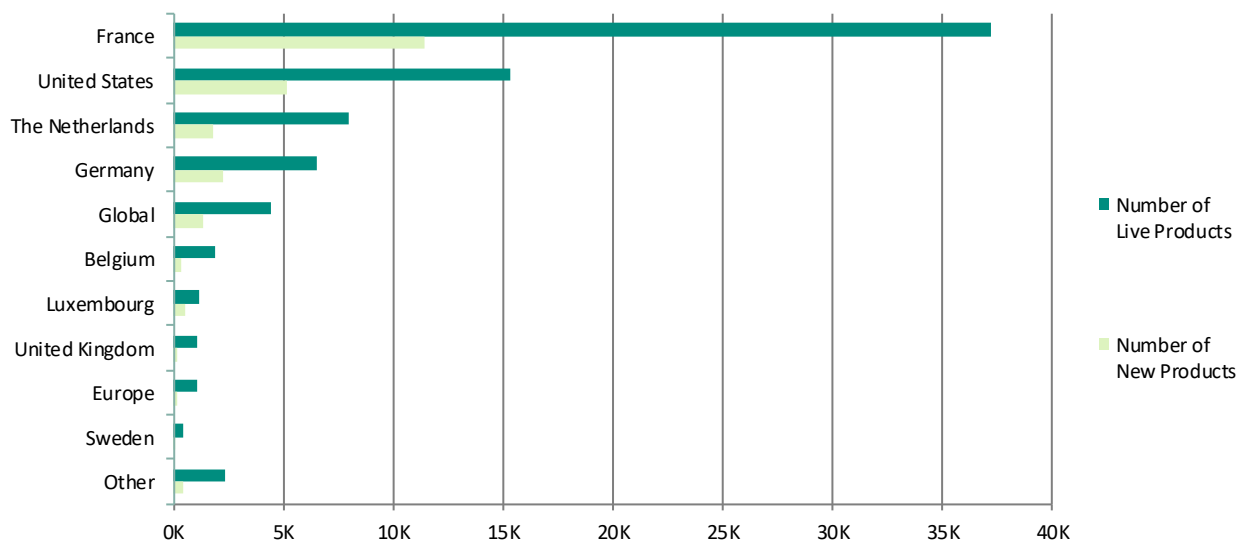
Product Overview

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	37,205	3.2%	13.8%	46.8%	11,466	4.4%	15.4%	48.5%
United States	15,362	5.6%	27%	19.3%	5,192	-3.4%	33%	22.0%
The Netherlands	7,996	0.9%	2.9%	10.1%	1,819	-6.2%	-3.9%	7.7%
Germany	6,504	6.0%	12.7%	8.2%	2,215	8.5%	23%	9.4%
Global	4,422	1.6%	4.6%	5.6%	1,316	47%	48%	5.6%
Belgium	1,904	2.7%	10.3%	2.4%	373	21%	2.4%	1.6%
Luxembourg	1,168	-1.2%	-10.9%	1.5%	485	-25%	11.8%	2.1%
United Kingdom	1,104	0.6%	11.4%	1.4%	178	-22%	-14.0%	0.8%
Europe	1,031	-1.0%	1.7%	1.3%	141	-23%	-10.4%	0.6%
Sweden	433	-1.8%	-1.4%	0.5%	59	-55%	-41%	0.2%
Other	2,340	-1.6%	-2.1%	2.9%	388	16.9%	-5.2%	1.6%
Total	79,470	3.2%	12.9%	100%	23,632	2.5%	17.5%	100%

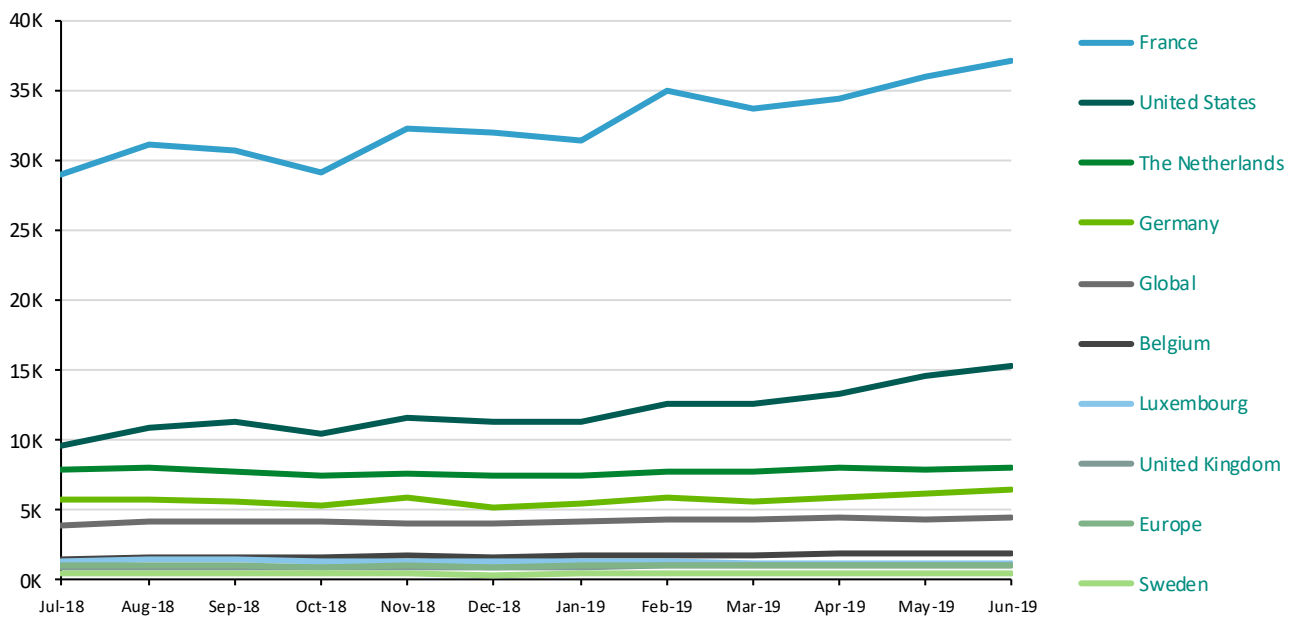
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

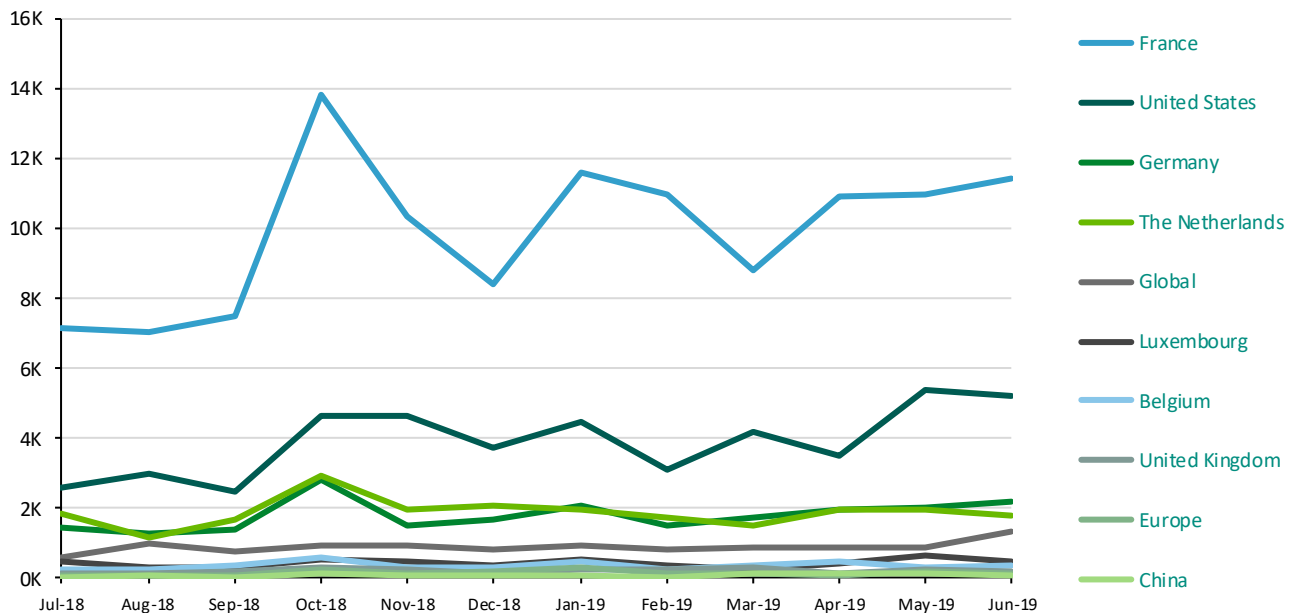
Product Trend: Number of Live Products

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

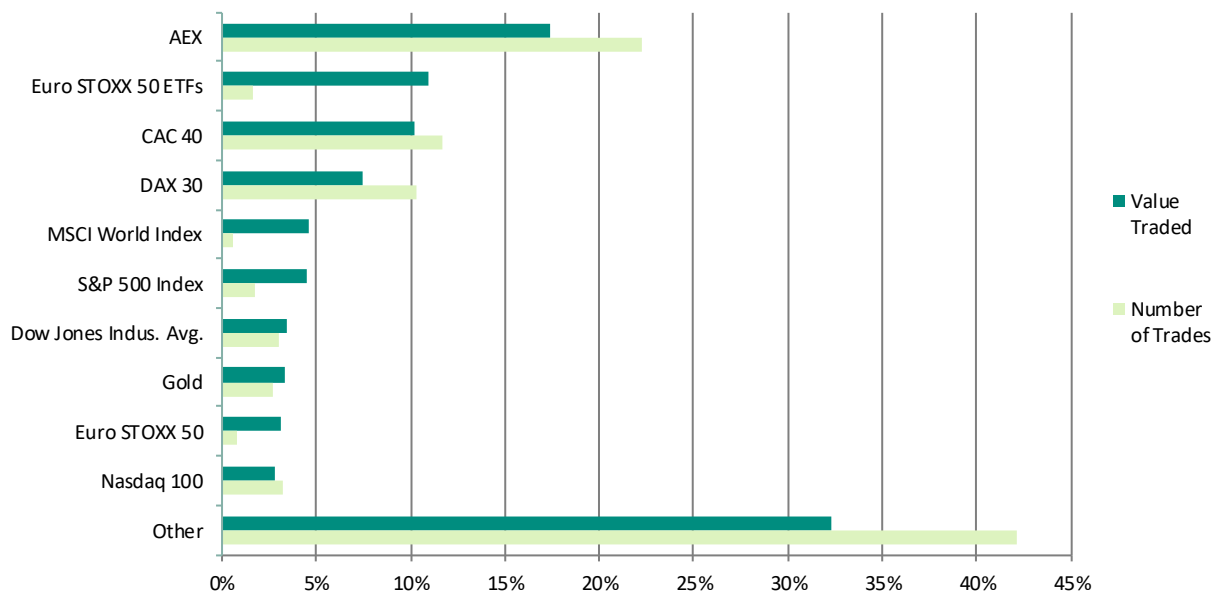
Market Overview

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	5,831	0.5%	-17.8%	17.4%	2,675	-4.2%	3.2%	22.2%
Euro STOXX 50 ETFs	3,653	-8.6%	-2.5%	10.9%	197	-89%	-88%	1.6%
CAC 40	3,411	-13.5%	-1.1%	10.2%	1,407	464%	6.5%	11.7%
DAX 30	2,496	-21%	9.2%	7.4%	1,240	-26%	710%	10.3%
MSCI World Index	1,557	-19.6%	11.1%	4.6%	65	-88%	-71%	0.5%
S&P 500 Index	1,502	-21%	16.6%	4.5%	207	-27%	-44%	1.7%
Dow Jones Indus. Avg.	1,145	-31%	3.6%	3.4%	367	311%	1.9%	3.0%
Gold	1,123	-11.7%	11.1%	3.3%	325	-33%	43%	2.7%
Euro STOXX 50	1,041	0.4%	11.4%	3.1%	91	-31%	0.4%	0.8%
Nasdaq 100	945	94%	7.6%	2.8%	387	92%	755%	3.2%
Other	10,849	0.0%	-19.4%	32.3%	5,076	-5.7%	-11.2%	42.2%
Total	33,552	-7.0%	-8.5%	100%	12,036	-11.6%	-5.1%	100%

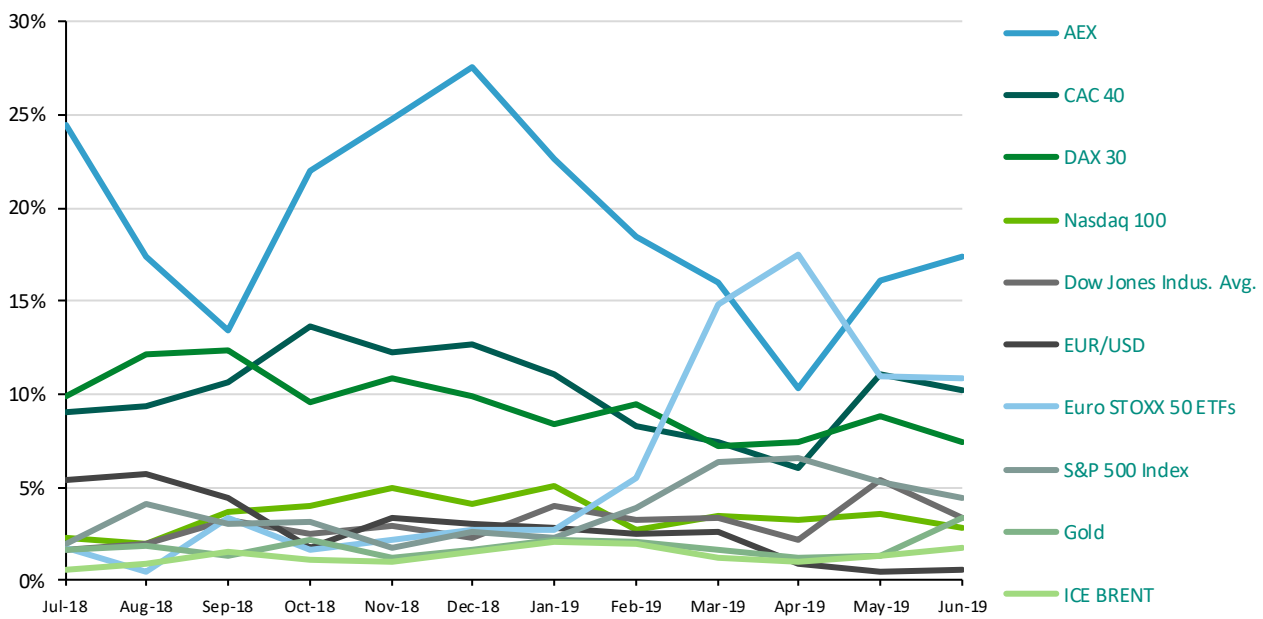
(Source Euronext)



TOP 10 UNDERLYINGS

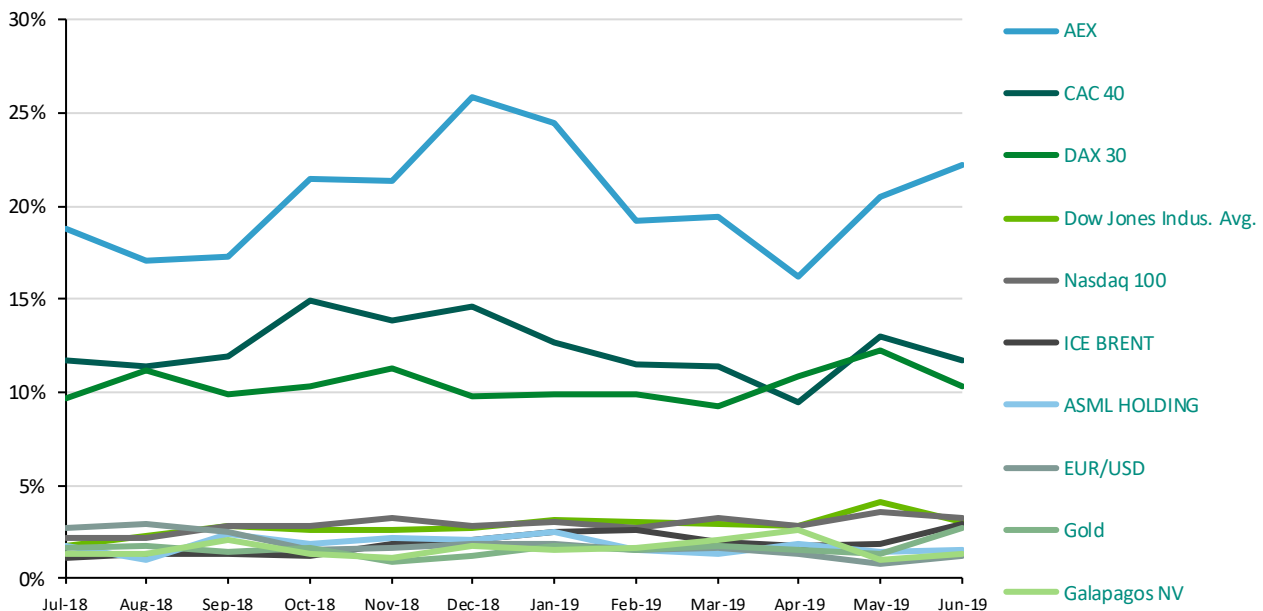
Market Trend: Value traded

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

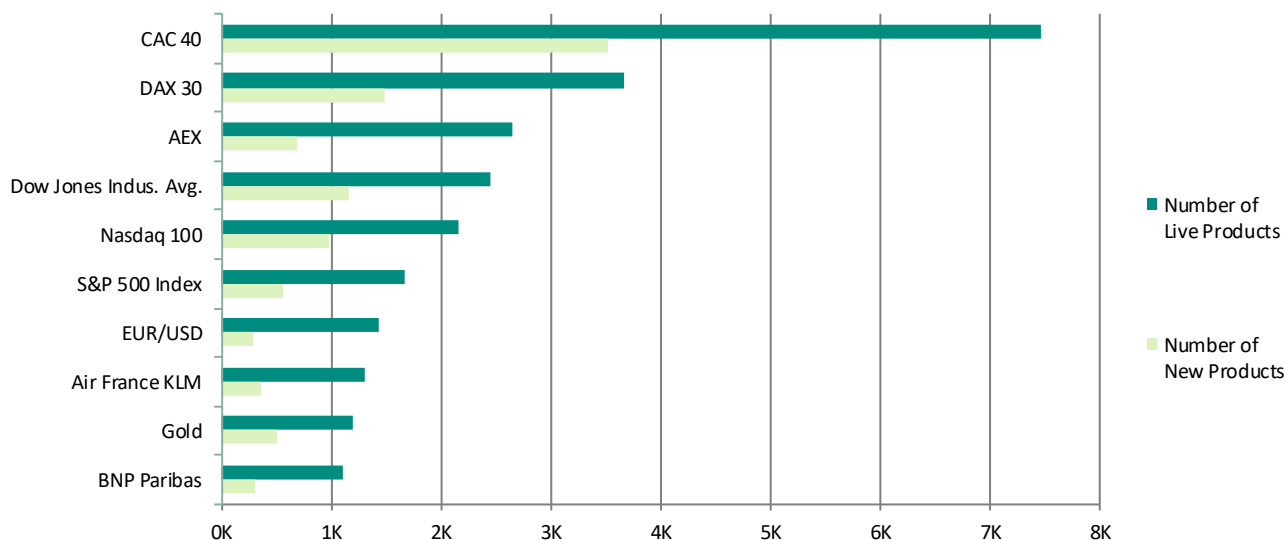
Product Overview

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	7,459	3.2%	10.7%	9.4%	3,523	-10.4%	4.0%	14.9%
DAX 30	3,661	5.2%	12.6%	4.6%	1,490	19.0%	18.7%	6.3%
AEX	2,655	0.2%	3.0%	3.3%	683	-17.5%	-5.1%	2.9%
Dow Jones Indus. Avg.	2,444	6.7%	27%	3.1%	1,157	12.7%	46%	4.9%
Nasdaq 100	2,159	5.8%	30%	2.7%	983	9.0%	36%	4.2%
S&P 500 Index	1,666	6.0%	19.6%	2.1%	552	11.1%	43%	2.3%
EUR/USD	1,437	-0.3%	3.7%	1.8%	293	24%	17.3%	1.2%
Air France KLM	1,309	-2.6%	16.1%	1.6%	367	-48%	-16.7%	1.6%
Gold	1,198	-1.8%	0.3%	1.5%	498	148%	110%	2.1%
BNP Paribas	1,107	2.5%	12.2%	1.4%	298	24%	12.4%	1.3%
Other	54,375	3.3%	12.9%	68.4%	13,788	4.1%	18.3%	58.3%
Total	79,470	3.2%	12.9%	100%	23,632	2.5%	17.5%	100%

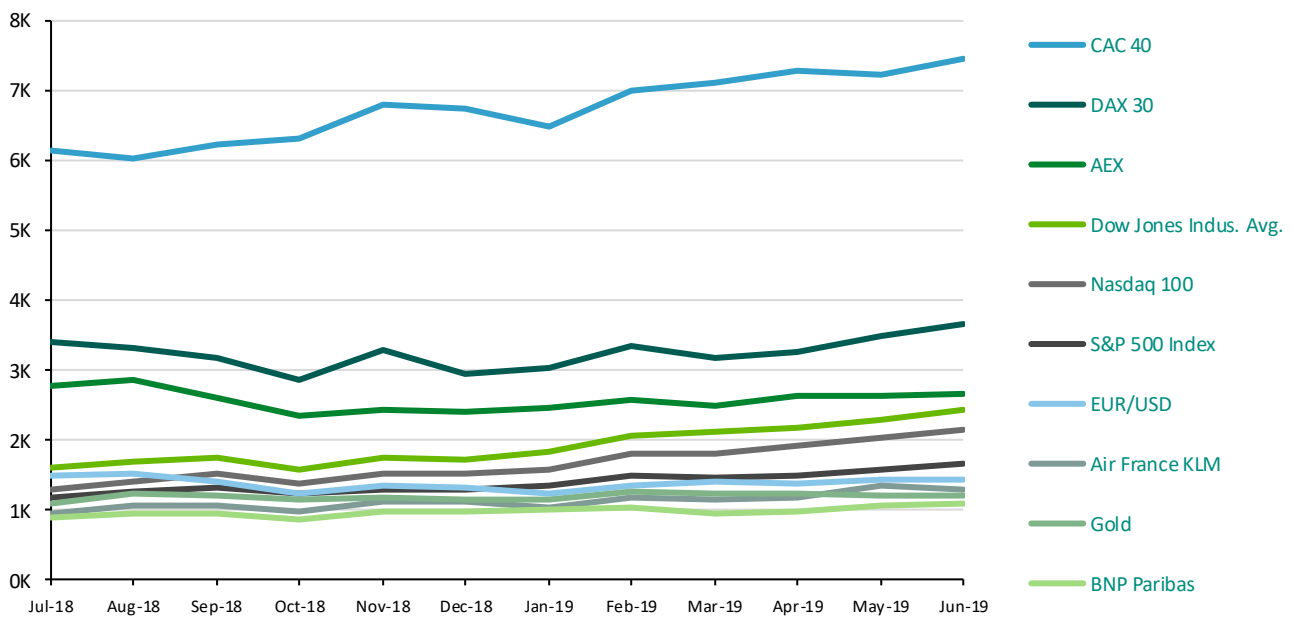
(Source Euronext)



TOP 10 UNDERLYINGS

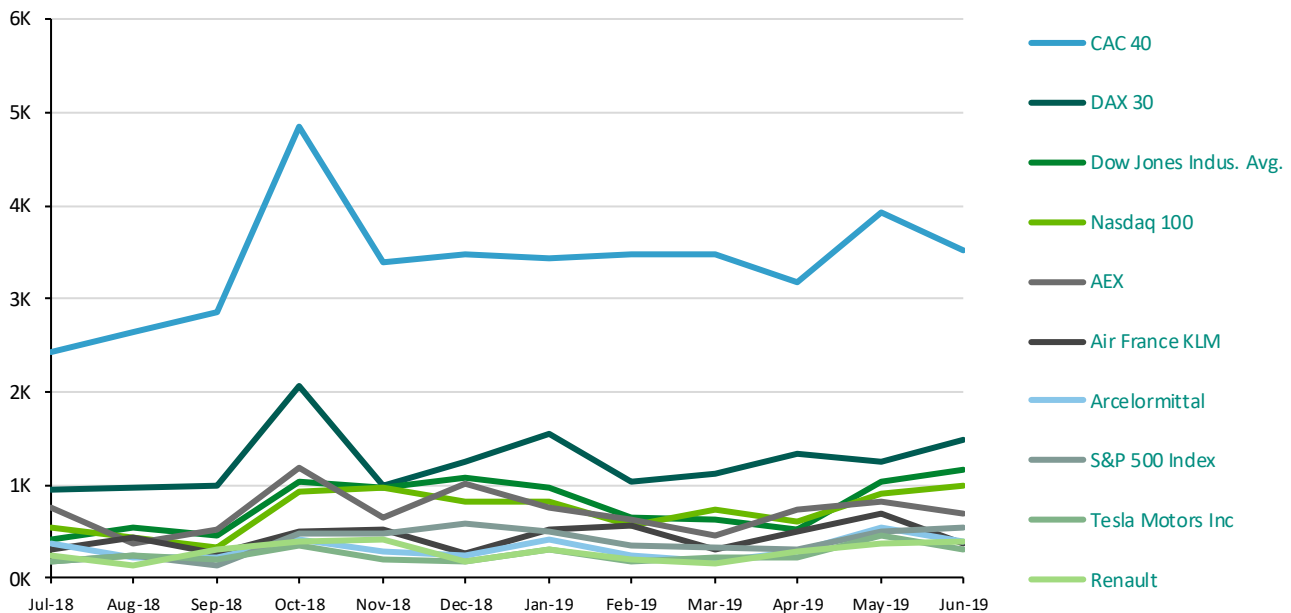
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	62,279	2,594
NL0013352552	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	36,780	78
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	32,404	2,120
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	31,207	1,622
NL0012969117	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	24,603	110
NL0013497613	ING	2100	Warrants	Euro STOXX 50 ETFs	24,287	2,466
NL0013265259	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	18,868	62
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	17,116	1,314
NL0013497621	ING	2100	Warrants	Euro STOXX 50 ETFs	14,278	1,858
NL0013562101	ING	2100	Warrants	Euro STOXX 50 ETFs	14,207	1,362
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	7,382	1,142
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,540	470
NL0013456718	Goldman Sachs	2210	Mini-Futures	AEX	5,968	456
NL0012203913	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	5,768	15,454
DE000CP68CG9	Citi	2200	Knock-Out Warrants	AEX	5,692	15,338
NL0013371800	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,595	1,504
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	5,531	288
DE000VF6KX29	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	5,109	730
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	5,018	396
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,836	776
NL0013570229	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,833	982
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	4,653	296
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	4,442	1,566
NL0013371503	BNP Paribas	2210	Mini-Futures	AEX	4,307	474
NL0013204654	ING	2205	Open-End Knock-Out Warrants	ICE BRENT	4,273	2,772
NL0013376429	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,114	1,088
NL0011812300	BNP Paribas	2210	Mini-Futures	Gold	3,764	46
NL0013373178	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	3,673	672
NL0013371784	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,538	1,228
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,204	642
NL0012682512	BNP Paribas	2210	Mini-Futures	VIX Futures	3,146	332
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	3,117	450
NL0013394489	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	3,038	796
NL0012904098	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	2,929	790
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	2,845	136
DE000CU1DK27	Commerzbank	2200	Knock-Out Warrants	AEX	2,795	906
NL0013358112	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,785	1,344
NL0013376437	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,762	330
NL0013358096	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,754	410
NL0013457641	Goldman Sachs	2210	Mini-Futures	AEX	2,741	164
NL0012691901	BNP Paribas	2210	Mini-Futures	Silver	2,694	80
NL0013566599	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,646	388
DE000CY51JH0	Citi	2205	Open-End Knock-Out Warrants	AEX	2,645	1,172
DE000CU1BZ71	Commerzbank	2210	Mini-Futures	AEX	2,628	922
DE000CZ28ZJ7	Commerzbank	2300	Constant Leverage Certificate	CAC 40	2,593	296
DE000VF38ND7	Vontobel	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	2,578	516
DE000CE6E929	Commerzbank	2210	Mini-Futures	Galapagos NV	2,575	560
NL0013447147	Goldman Sachs	2210	Mini-Futures	AEX	2,508	204
NL0013447113	Goldman Sachs	2210	Mini-Futures	AEX	2,488	40
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	2,461	294

(Source Euronext)



Euronext Amsterdam

ISSUERS

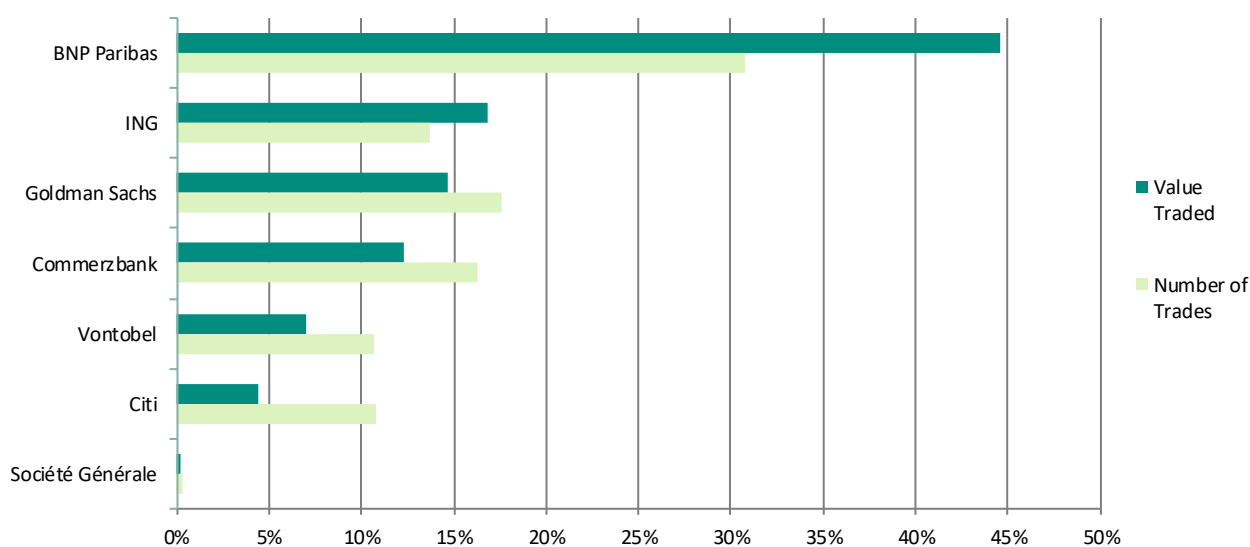
Market Overview

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	7,316	-8.3%	-23%	44.6%	2,185	-19.8%	-15.6%	30.8%
ING	2,758	-22%	-19.7%	16.8%	969	-6.8%	-11.5%	13.7%
Goldman Sachs	2,407	22%	-5.7%	14.7%	1,248	4.6%	-10.4%	17.6%
Commerzbank	2,020	17.9%	-16.8%	12.3%	1,158	16.7%	33.2%	16.3%
Vontobel	1,151	-7.2%	18.9%	7.0%	755	-22.6%	19.3%	10.6%
Citi	729	-16.7%	-13.3%	4.4%	762	-10.7%	26.0%	10.7%
Société Générale	30	19.6%	-80%	0.2%	19	-36.4%	-84.4%	0.3%
Total	16,410	-5.4%	-17.5%	100%	7,095	-9.1%	-2.8%	100%

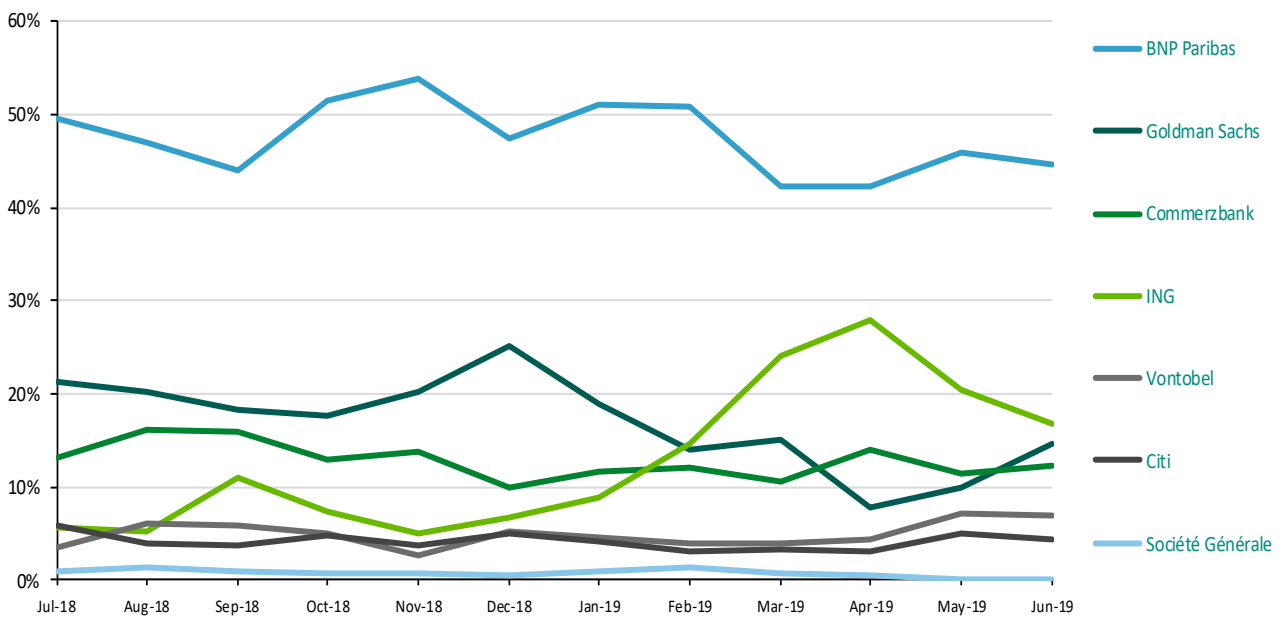
(Source Euronext)



ISSUERS

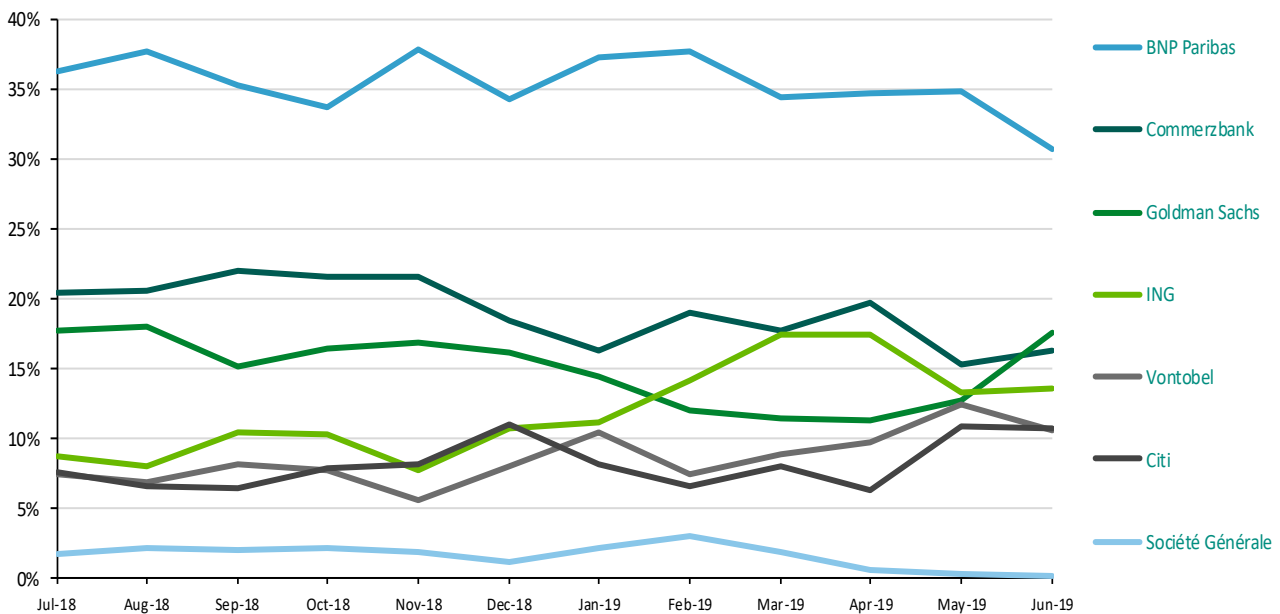
Market Trend: Value traded

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

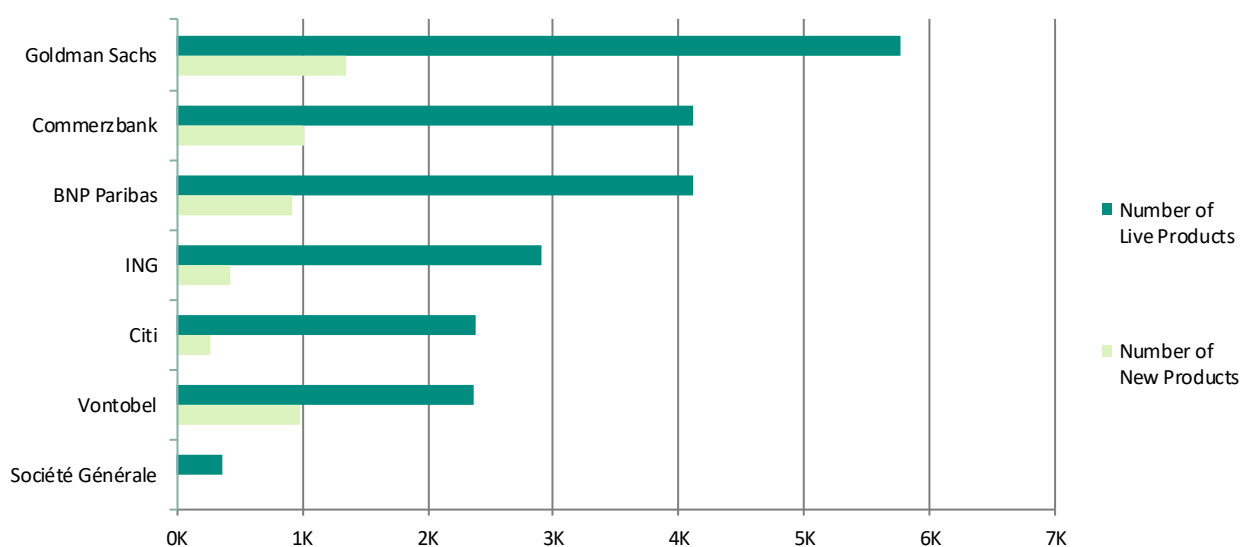
Product Overview

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	5,774	2.7%	12.9%	26.2%	1,345	-36%	4.5%	27.2%
Commerzbank	4,120	1.7%	-2.5%	18.7%	1,014	92%	18.5%	20.5%
BNP Paribas	4,109	2.3%	1.5%	18.7%	913	-1.0%	-14.1%	18.5%
ING	2,914	1.9%	5.8%	13.2%	428	40%	35%	8.7%
Citi	2,384	-4.1%	10.6%	10.8%	260	-42%	-38%	5.3%
Vontobel	2,363	-3.4%	-0.7%	10.7%	986	-17.1%	-5.5%	19.9%
Société Générale	368	-4.1%	-21%	1.7%	0	-100%	-100%	0.0%
Total	22,032	0.7%	4.2%	100%	4,946	-10.4%	-3.1%	100%

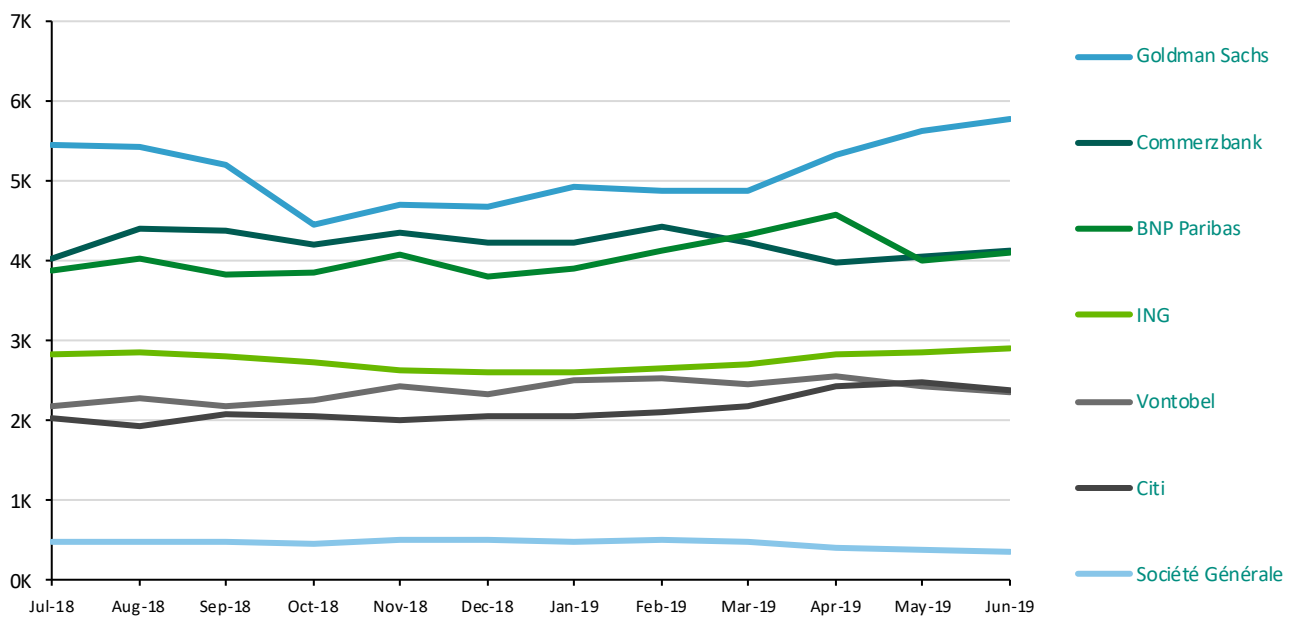
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ISSUERS

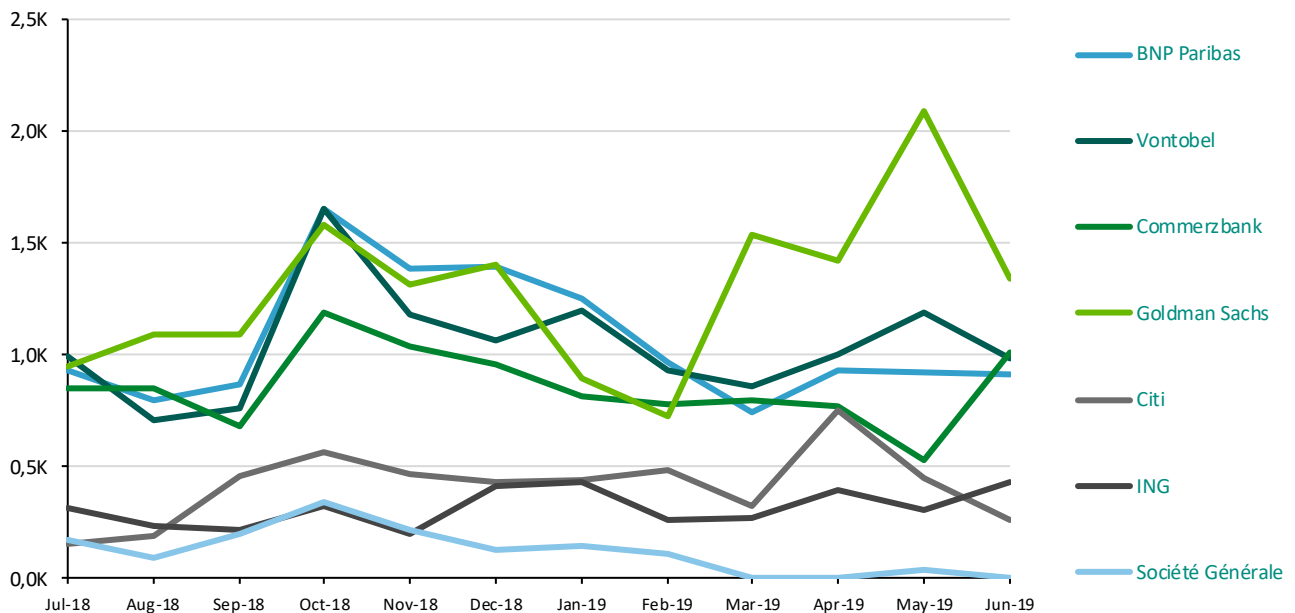
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

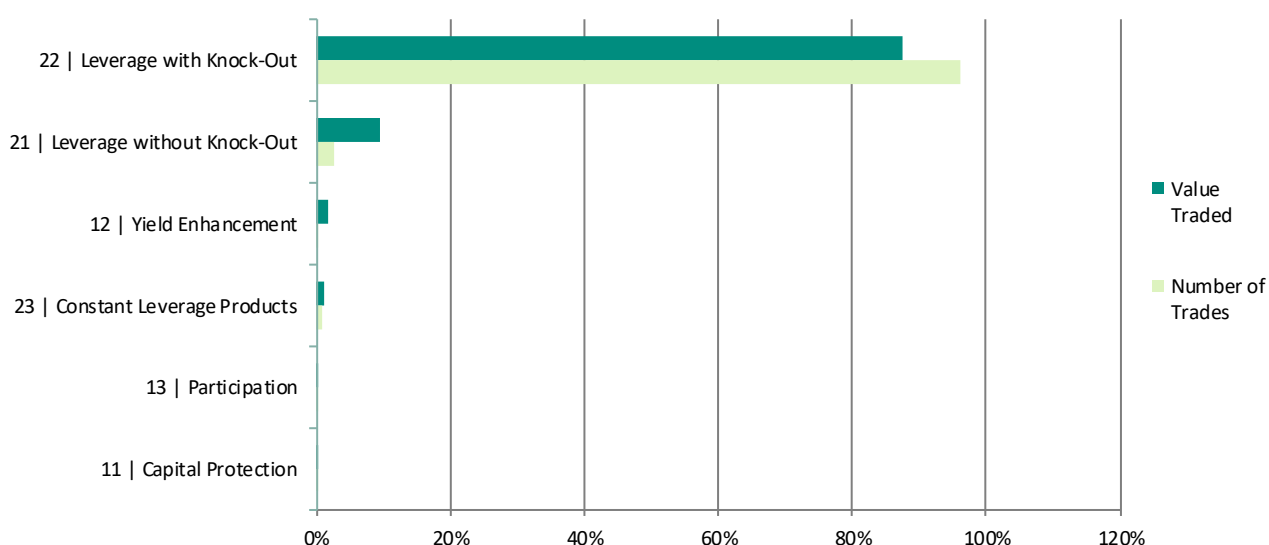
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	14,348	-3.0%	-21%	87.4%	6,829	-8.9%	-3.5%	96.2%
21 Leverage without Knock-Out	1,561	-34%	29%	9.5%	187	-22.2%	30.4%	2.6%
12 Yield Enhancement	277	203%	-5.4%	1.7%	20	-9.8%	-25.3%	0.3%
23 Constant Leverage Products	201	163%	54%	1.2%	56	26.5%	18.5%	0.8%
13 Participation	23	-17.5%	-26%	0.1%	4.3	-1.5%	-16.0%	0.1%
11 Capital Protection	0	-87%	-61%	0.0%	0.2	-45.0%	-39.5%	0.0%
Total	16,410	-5.4%	-17.5%	100%	7,095	-9.1%	-2.8%	100%

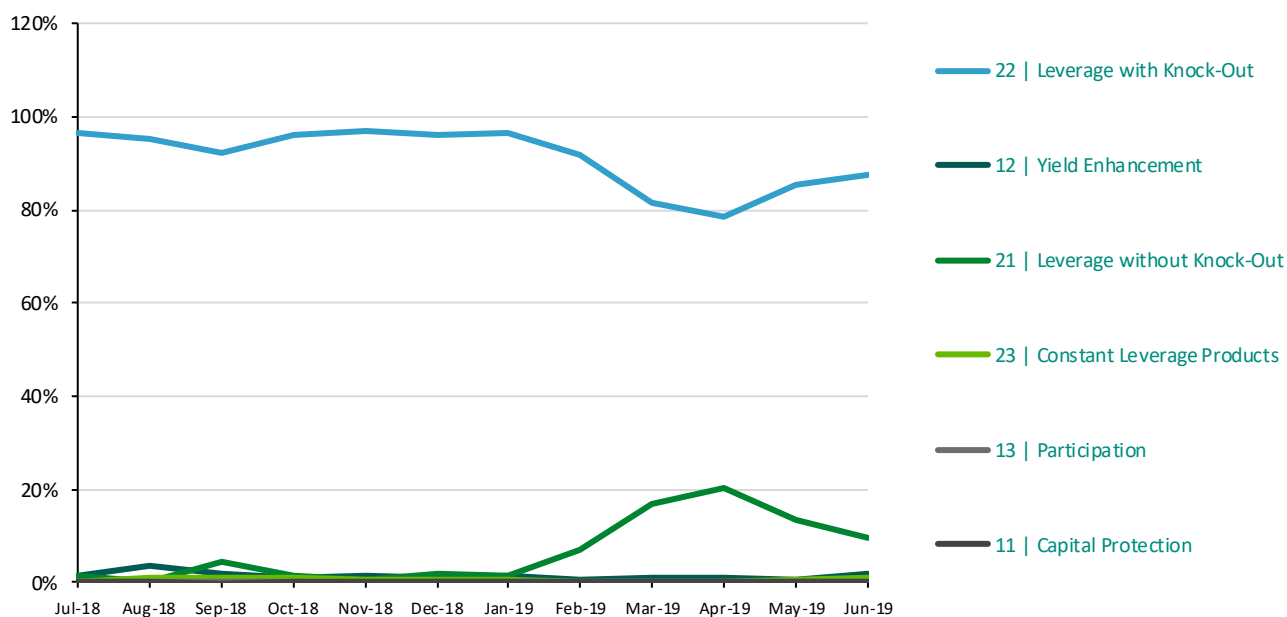
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

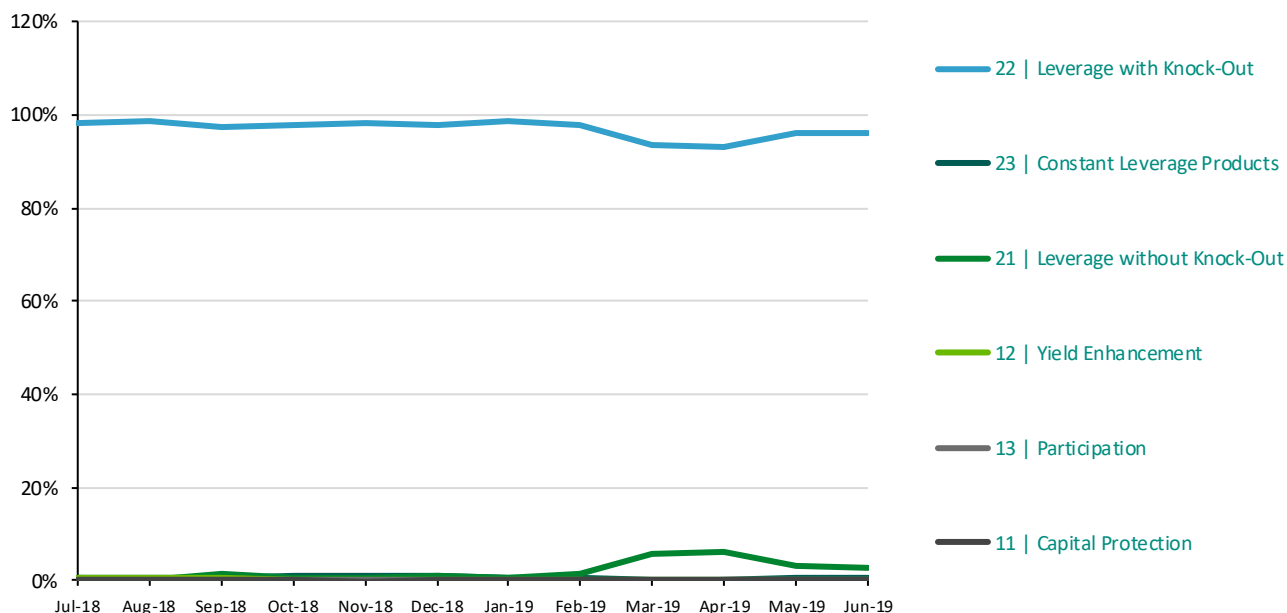
Market Trend: Value traded

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)

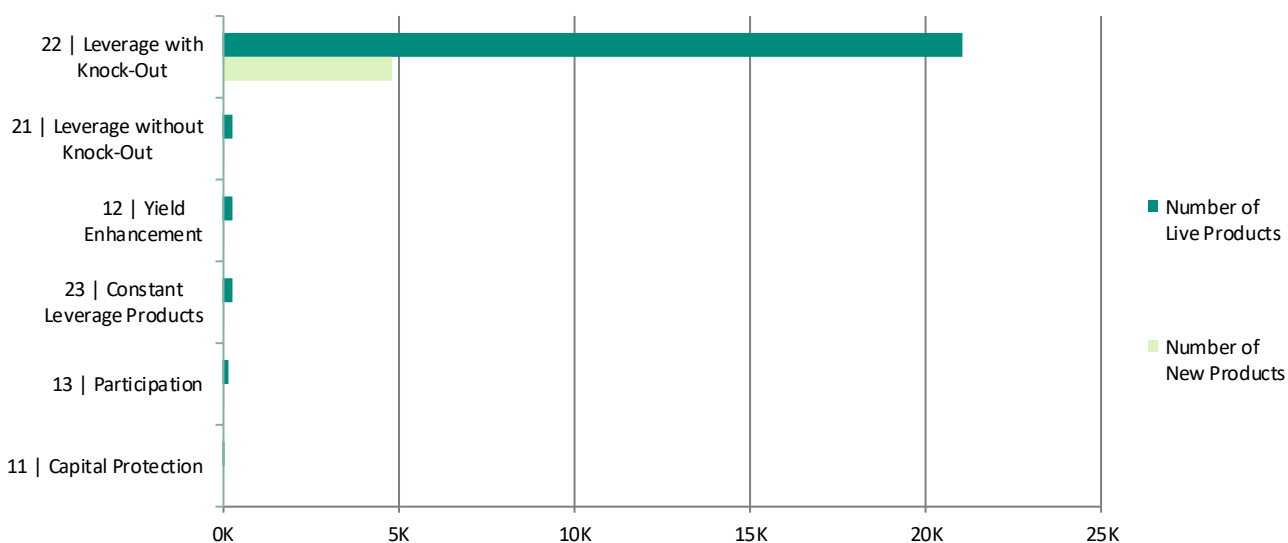
Product Overview

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	21,077	0.7%	4.3%	95.7%	4,831	-11.3%	-3.7%	97.7%
21 Leverage without Knock-Out	285	-1.8%	-3.7%	1.3%	40	54%	-6.6%	0.8%
12 Yield Enhancement	284	7.3%	18.2%	1.3%	53	194%	80%	1.1%
23 Constant Leverage Products	244	-0.4%	-3.7%	1.1%	4	-83%	-44%	0.1%
13 Participation	140	1.1%	4.0%	0.6%	18	125%	135%	0.4%
11 Capital Protection	2	-45%	-67%	0.0%	0			0.0%
Total	22,032	0.7%	4.2%	100%	4,946	-10.4%	-3.1%	100%

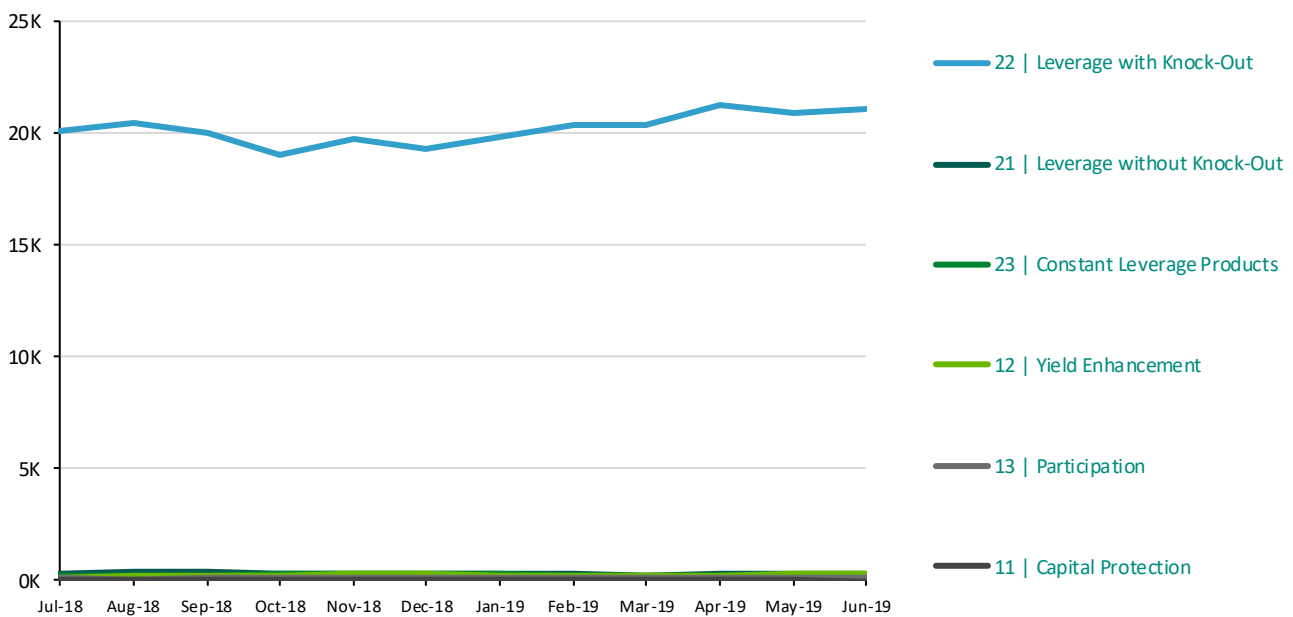
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

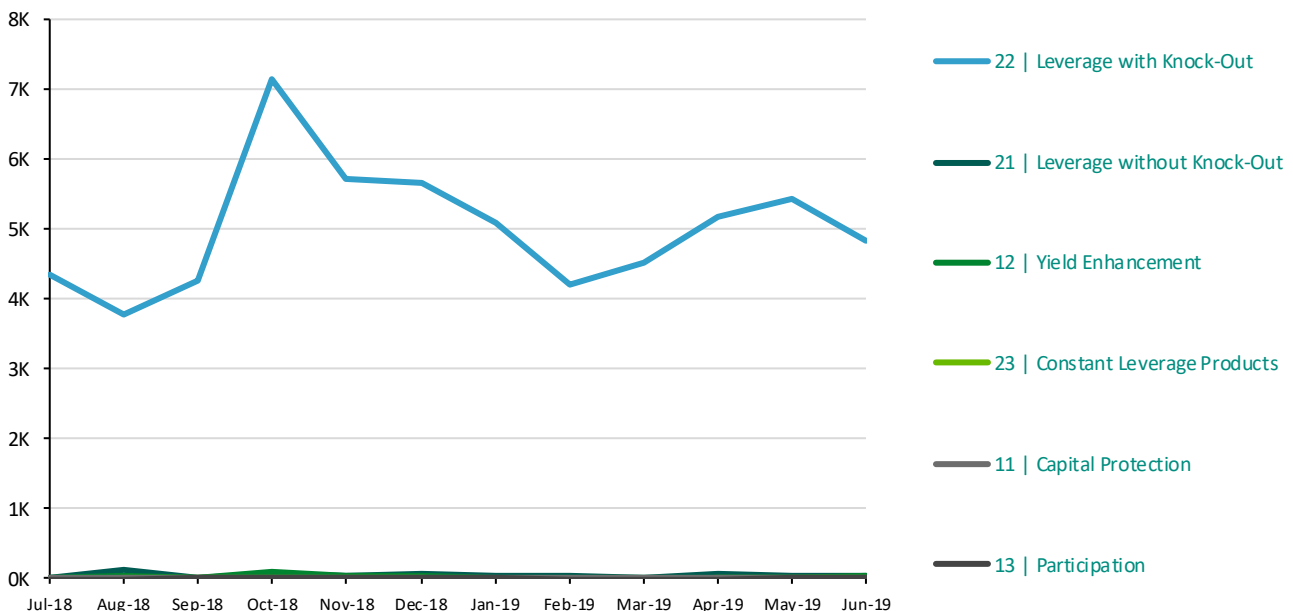
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

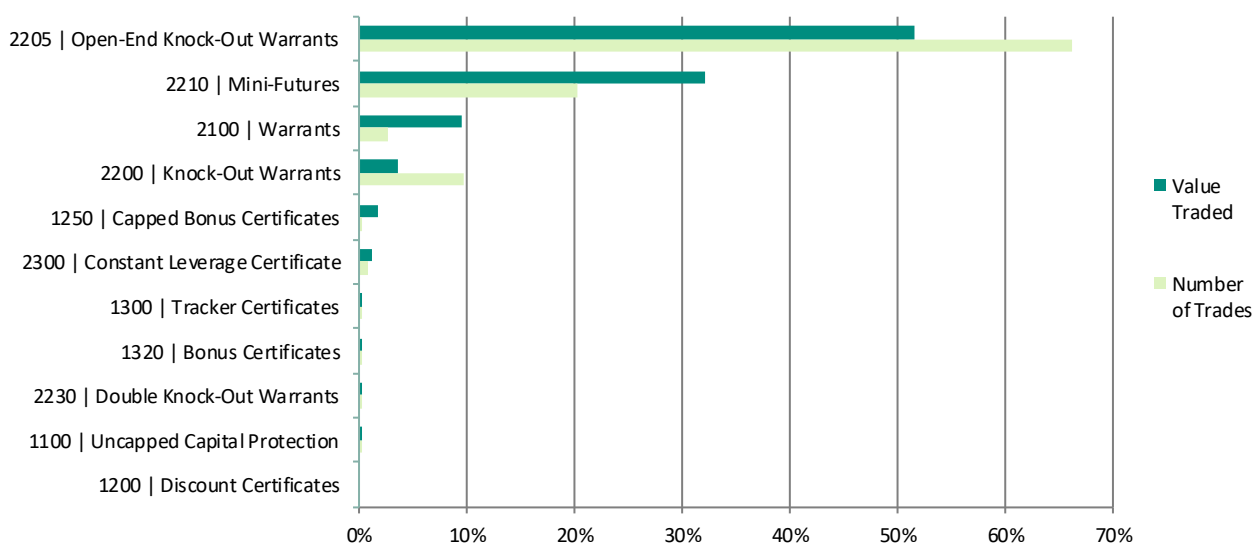
Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	8,479	-3.8%	-17.0%	51.7%	4,697	-8.4%	-3.6%	66.2%
2210 Mini-Futures	5,268	-2.2%	-29%	32.1%	1,436	-9.5%	-23%	20.2%
2100 Warrants	1,561	-34%	29%	9.5%	187	-22%	30%	2.6%
2200 Knock-Out Warrants	600	0.6%	3.1%	3.7%	694	-11.2%	97%	9.8%
1250 Capped Bonus Certificates	277	203%	-5.4%	1.7%	20	-9.8%	-25%	0.3%
2300 Constant Leverage Certificate	201	163%	54%	1.2%	56	26%	18.5%	0.8%
1300 Tracker Certificates	18	-15.0%	-18.6%	0.1%	1.9	-15.2%	-25%	0.0%
1320 Bonus Certificates	5	-25%	-42%	0.0%	2.5	12.3%	-3.1%	0.0%
2230 Double Knock-Out Warrants	1	-67%	-3.5%	0.0%	1.7	523%	585%	0.0%
1100 Uncapped Capital Protection	0	41%	-0.2%	0.0%	0.2	-89%	23%	0.0%
1200 Discount Certificates	0		-100%	0.0%	0.0		-100%	0.0%
Total	16,410	-5.4%	-17.5%	100%	7,095	-9.1%	-2.8%	100%

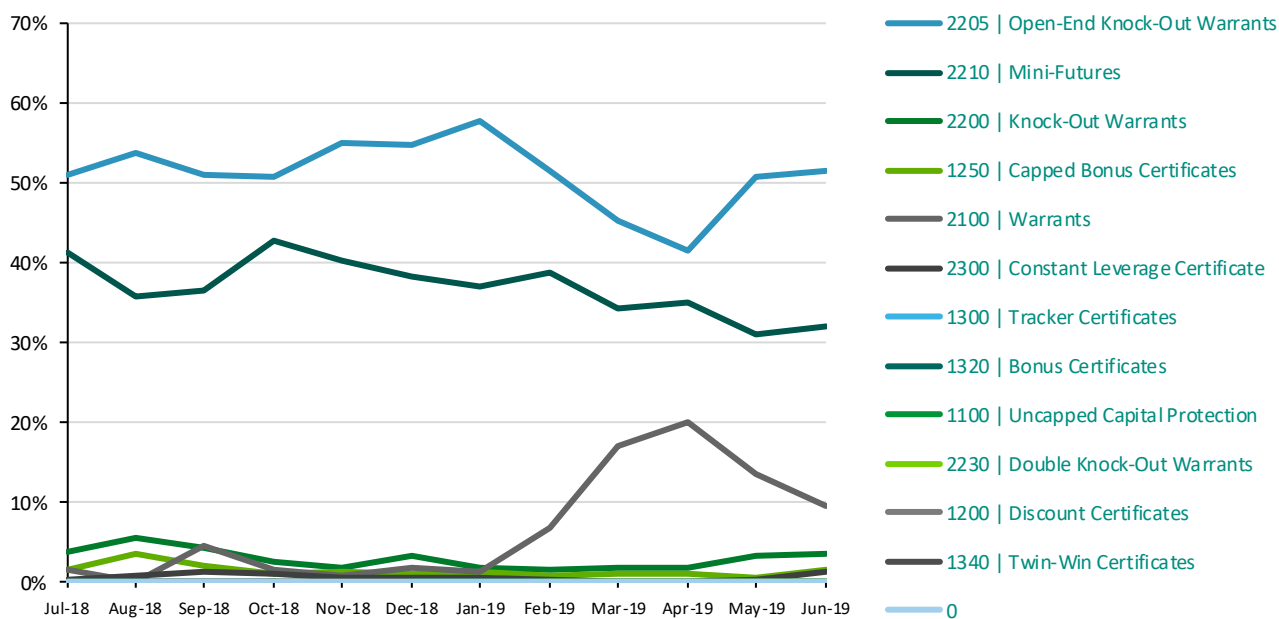
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

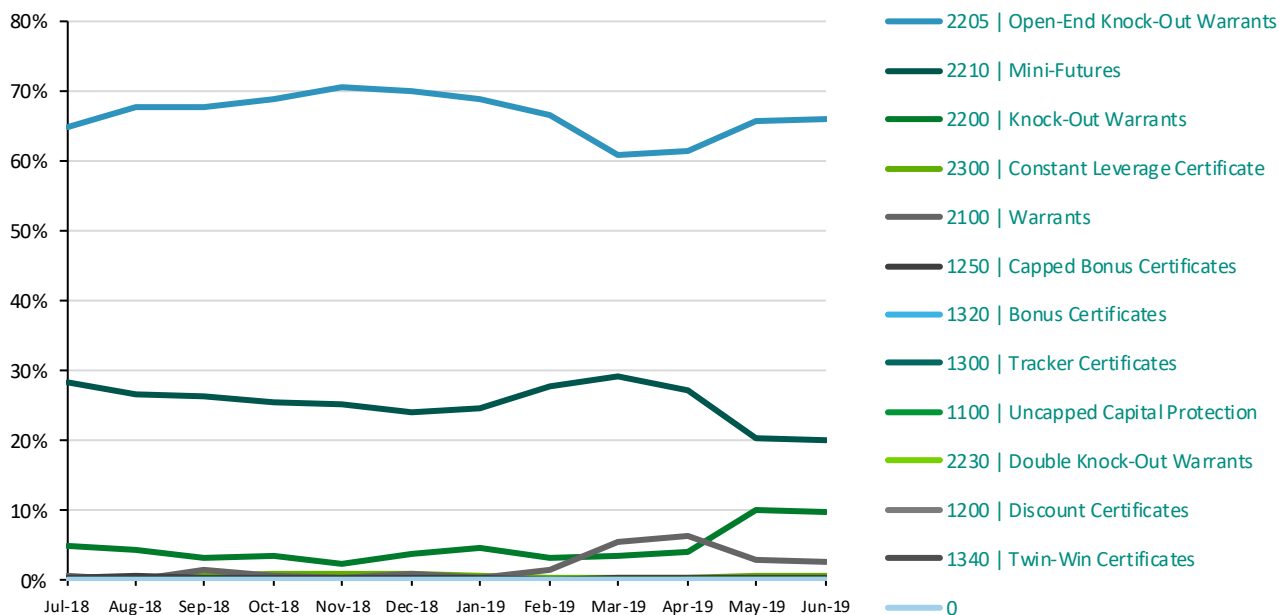
Market Trend: Value traded

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)

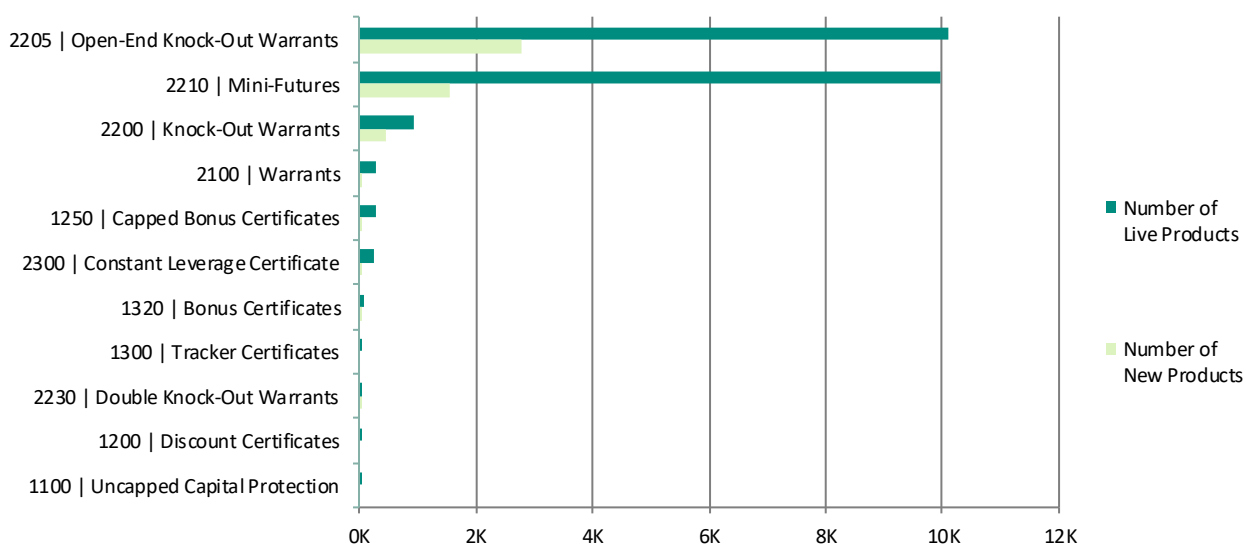
Product Overview

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
2205 Open-End Knock-Out Warrants	10,112	2.6%	8.5%	45.9%	2,791	-3.8%	9.4%	56.4%
2210 Mini-Futures	9,977	-1.4%	0.7%	45.3%	1,564	-32%	-21%	31.6%
2200 Knock-Out Warrants	940	3.9%	-3.0%	4.3%	452	93%	-4.2%	9.1%
2100 Warrants	285	-1.8%	-3.7%	1.3%	40	54%	-6.6%	0.8%
1250 Capped Bonus Certificates	281	7.8%	21%	1.3%	53	194%	84%	1.1%
2300 Constant Leverage Certificate	244	-0.4%	-3.7%	1.1%	4	-83%	-44%	0.1%
1320 Bonus Certificates	83	3.7%	9.8%	0.4%	18	260%	143%	0.4%
1300 Tracker Certificates	57	-2.4%	-2.5%	0.3%	0	-100%	-100%	0.0%
2230 Double Knock-Out Warrants	49	9.8%	191%	0.2%	24	300%	182%	0.5%
1200 Discount Certificates	3	-30%	-65%	0.0%	0		-100%	0.0%
1100 Uncapped Capital Protection	2	-45%	-67%	0.0%	0			0.0%
Total	22,032	0.7%	4.2%	100%	4,946	-10.4%	-3.1%	100%

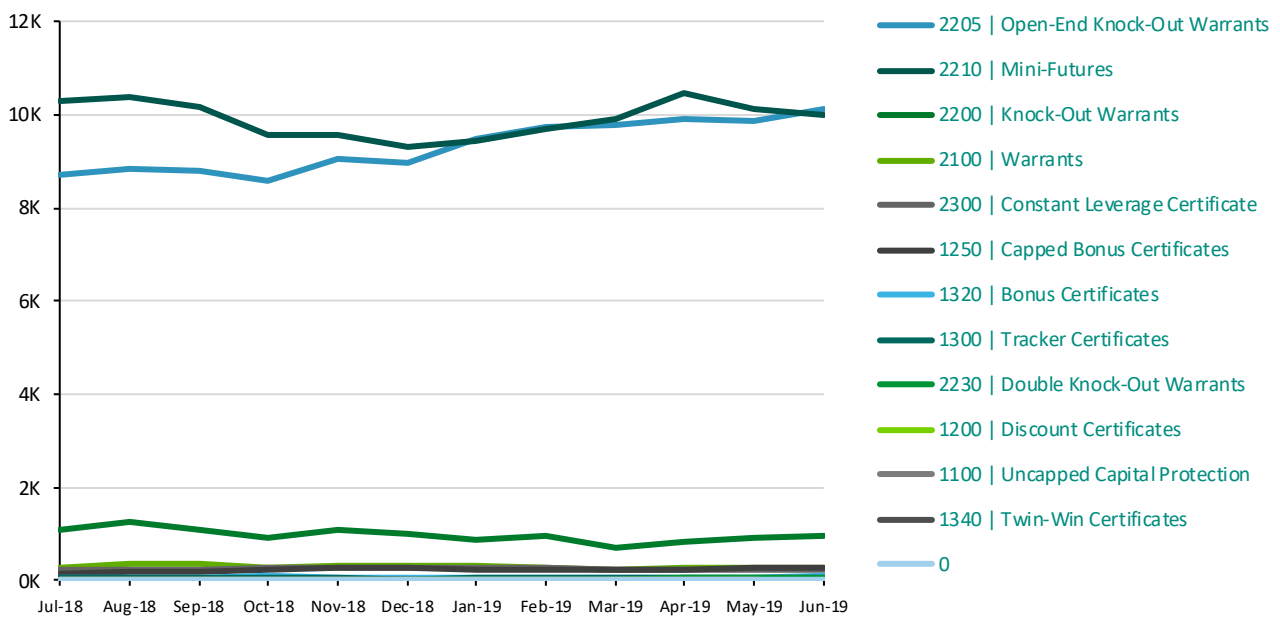
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

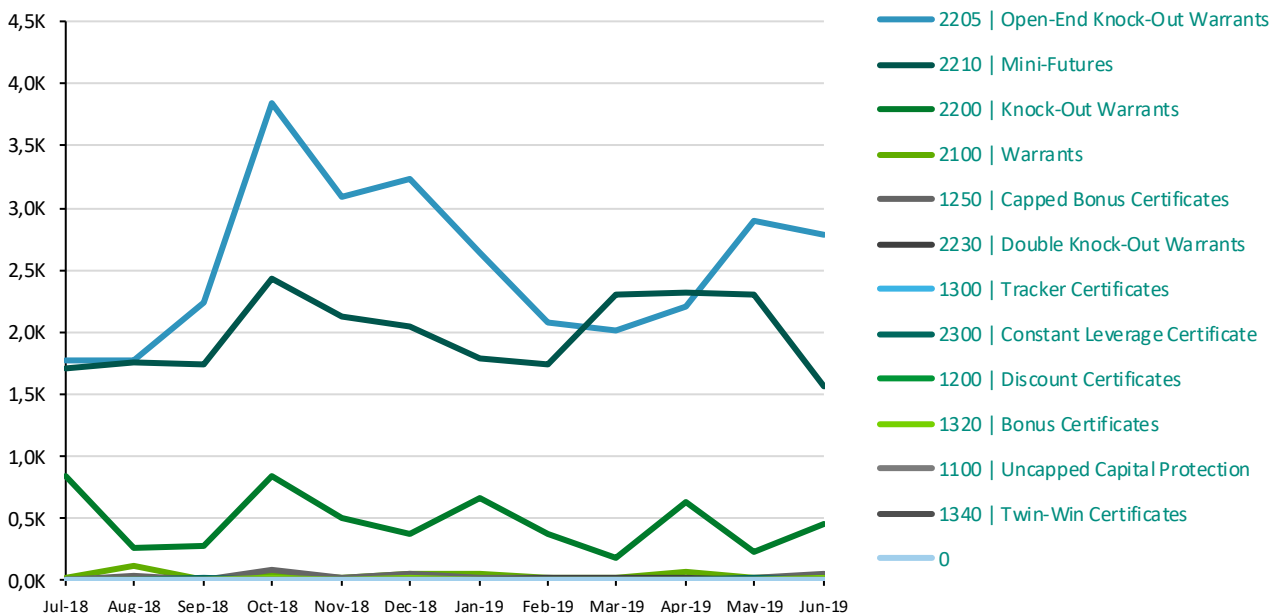
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

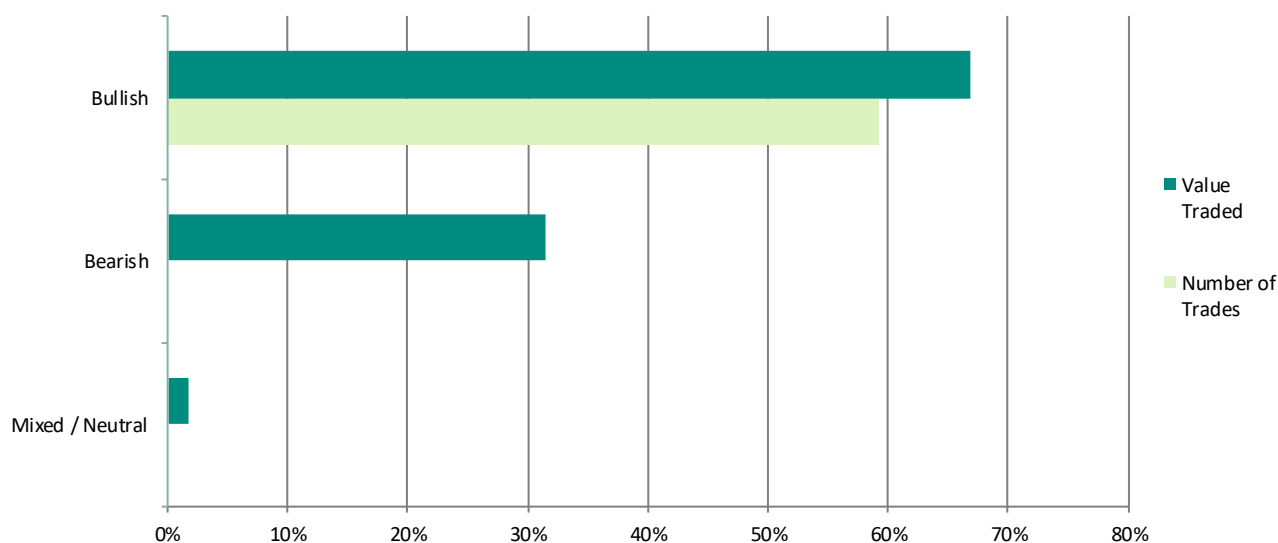
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	10,976	-5.9%	-15.3%	66.9%	4,202	-19.6%	-9.8%	59.2%
Bearish	5,156	-7.9%	-22%	31.4%	0.0	-100%	-100%	0.0%
Mixed / Neutral	278	203%	-5.1%	1.7%	0.0	-100%	-100%	0.0%
Total	16,410	-5.4%	-17.5%	100%	7,095	-9.1%	-2.8%	100%

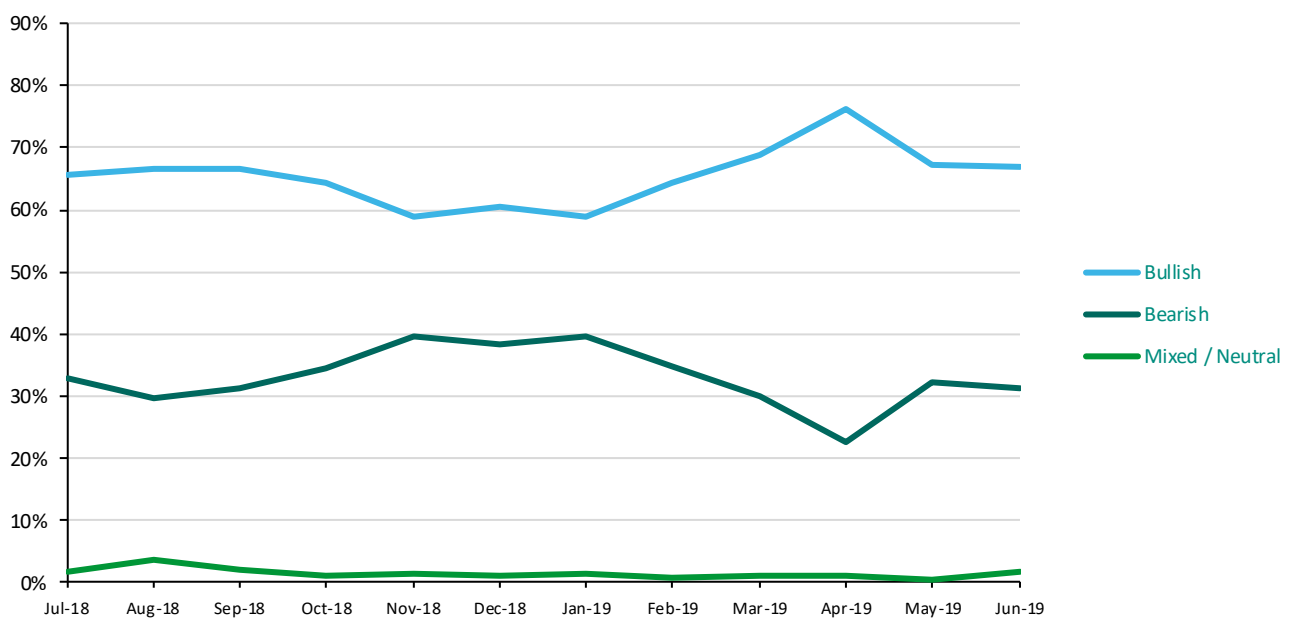
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PRODUCT STRATEGIES

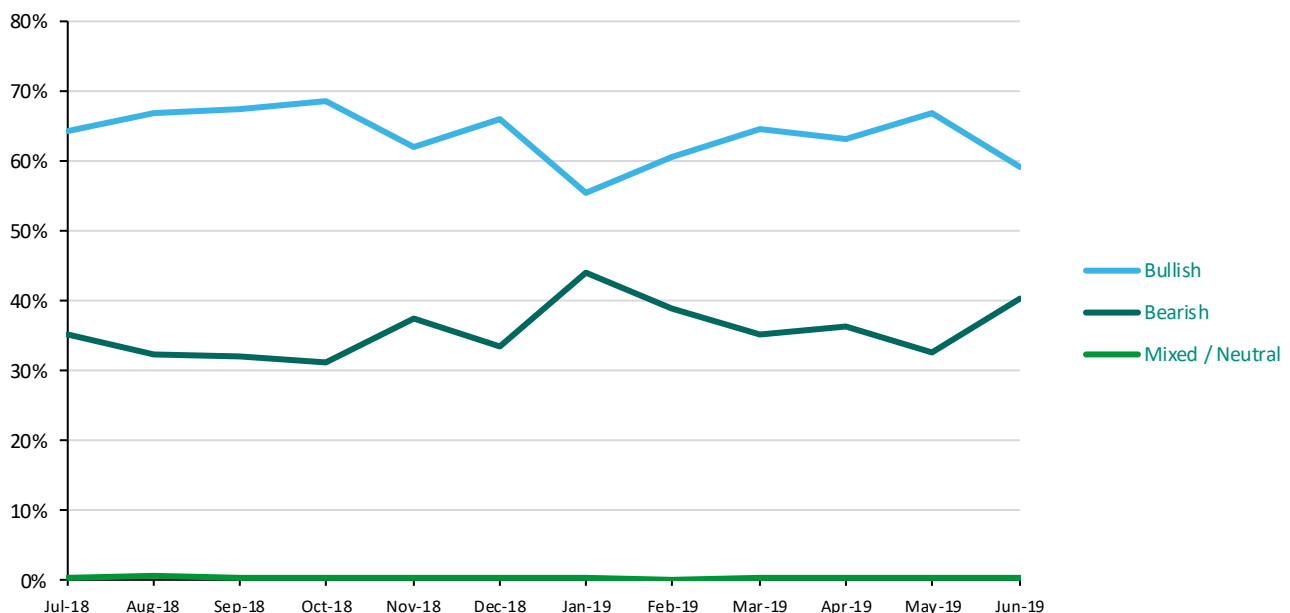
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

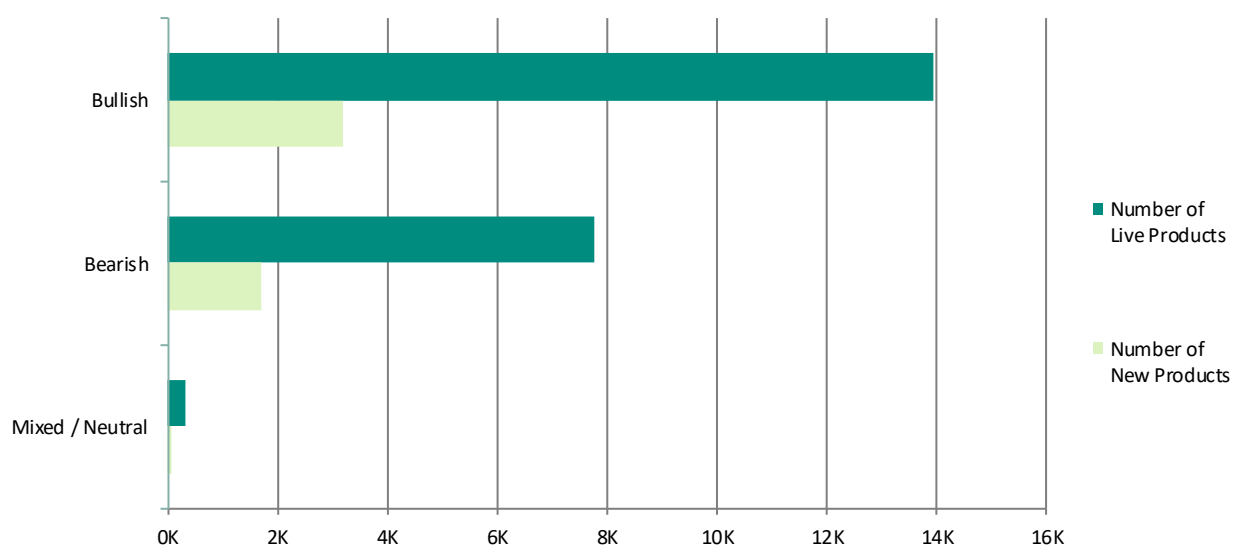
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	13,936	-1.1%	5.9%	63.3%	3,183	31%	10.0%	64.4%
Bearish	7,762	3.9%	0.5%	35.2%	1,686	-45%	-22%	34.1%
Mixed / Neutral	334	7.6%	29%	1.5%	77	221%	103%	1.6%
Total	22,032	0.7%	4.2%	100%	4,946	-10.4%	-3.1%	100%

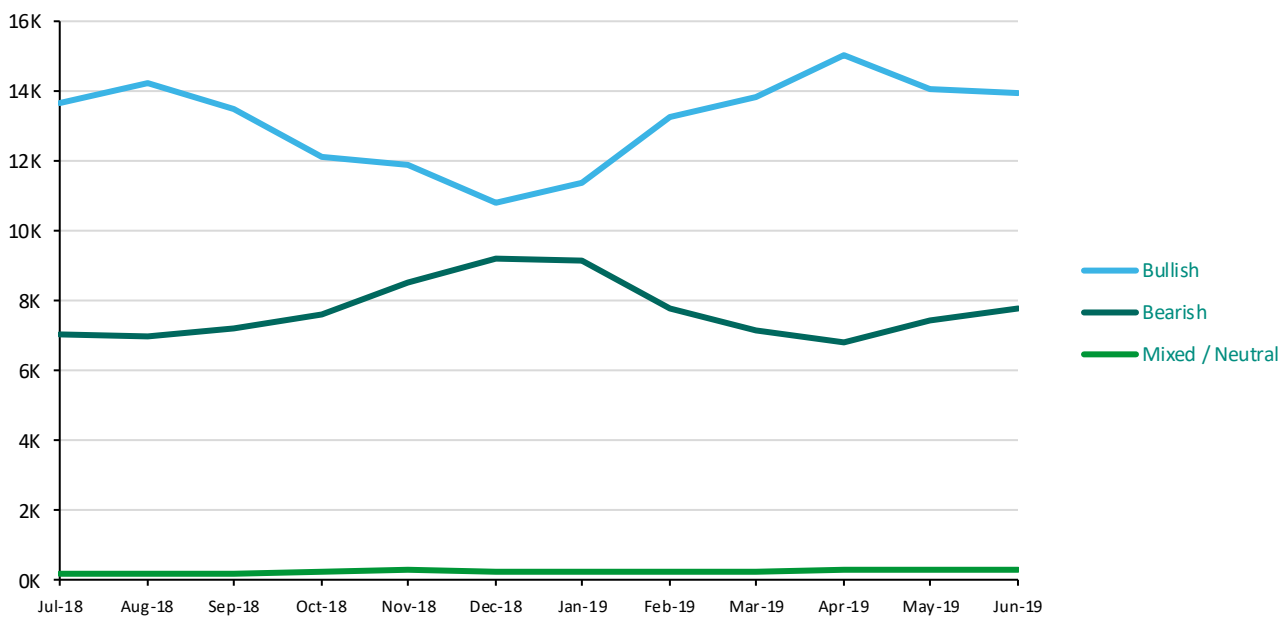
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PRODUCT STRATEGIES

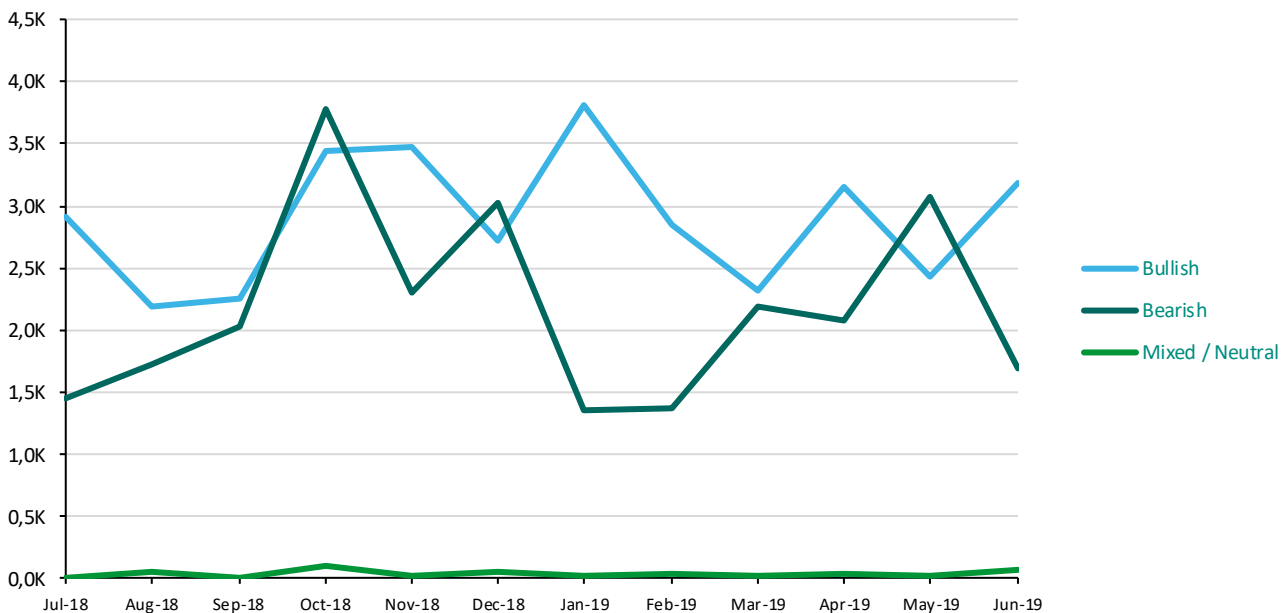
Product Trend: Number of Live Products

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

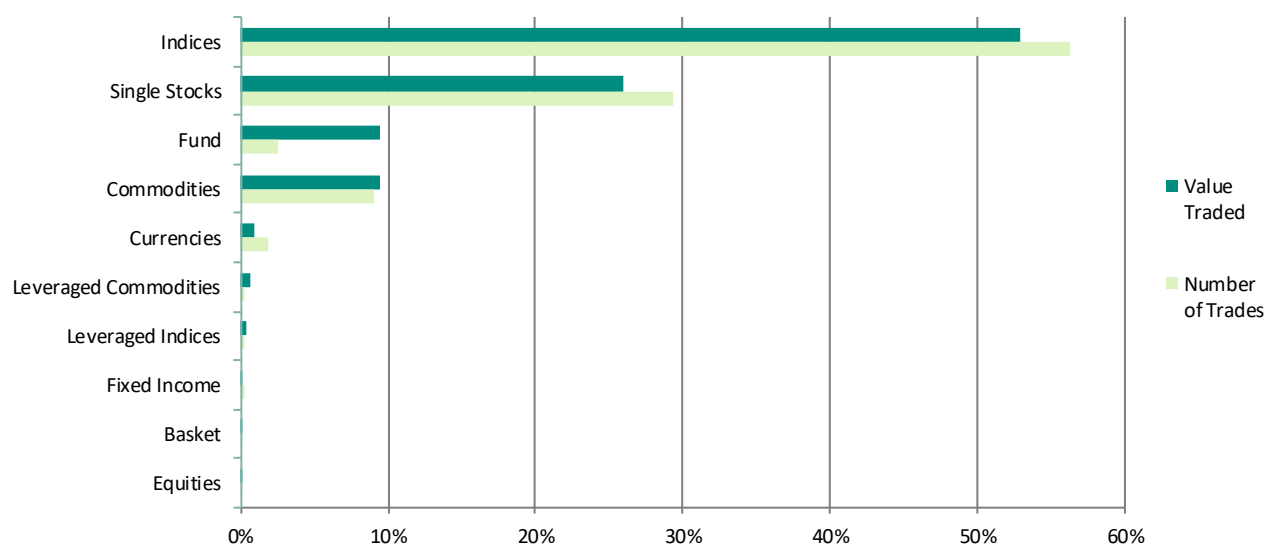
Market Overview

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	8,685	-8.7%	-19.5%	52.9%	3,997	-13.4%	1.8%	56.3%
Single Stocks	4,252	1.6%	-21%	25.9%	2,085	-11.2%	-14.3%	29.4%
Fund	1,560	-34%	27%	9.5%	184	-22.5%	-60.2%	2.6%
Commodities	1,552	50%	29%	9.5%	642	42.5%	360.3%	9.0%
Currencies	156	-3.5%	-84%	1.0%	135	23.6%	-32.1%	1.9%
Leveraged Commodities	109	152%	-34%	0.7%	19	-12.2%	-79.3%	0.3%
Leveraged Indices	64	55%	-3.2%	0.4%	17	-18.6%	-27.7%	0.2%
Fixed Income	21	52%	-53%	0.1%	15	NA	-26.4%	0.2%
Basket	10	24%	-44%	0.1%	1.0	-81.4%	-87.2%	0.0%
Equities	0	-75%	-100%	0.0%	0.2	10.0%	-87.9%	0.0%
Total	16,410	-5.4%	-17.5%	100%	7,095	-9.1%	-2.8%	100%

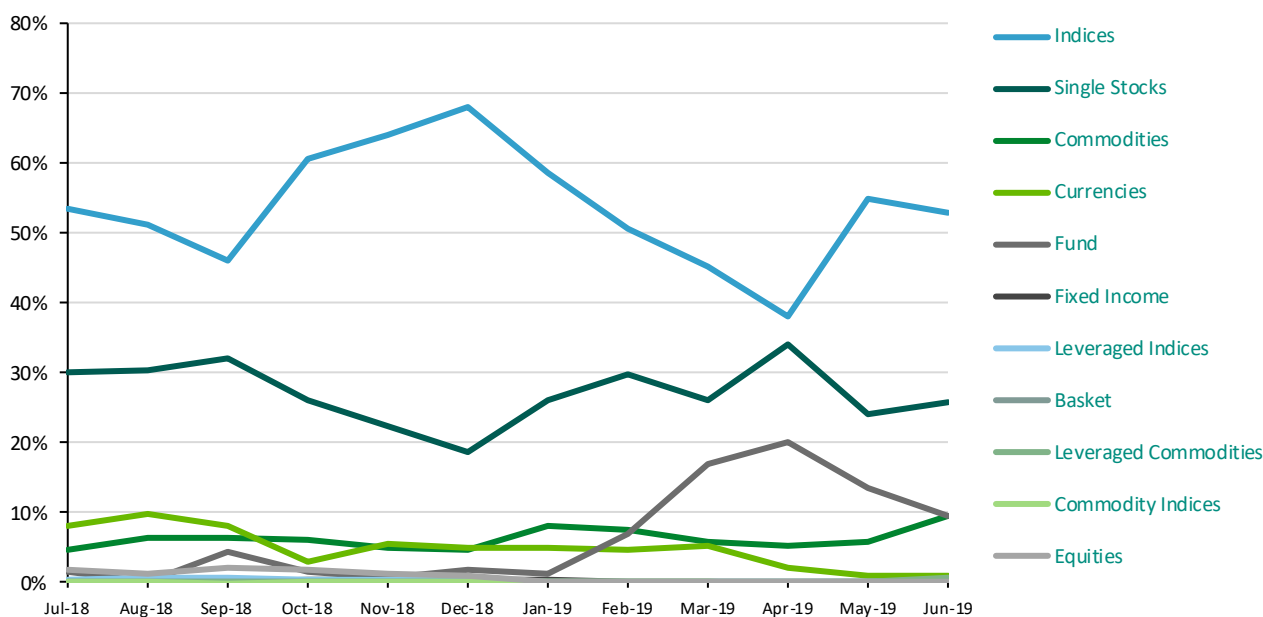
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UNDERLYING TYPES

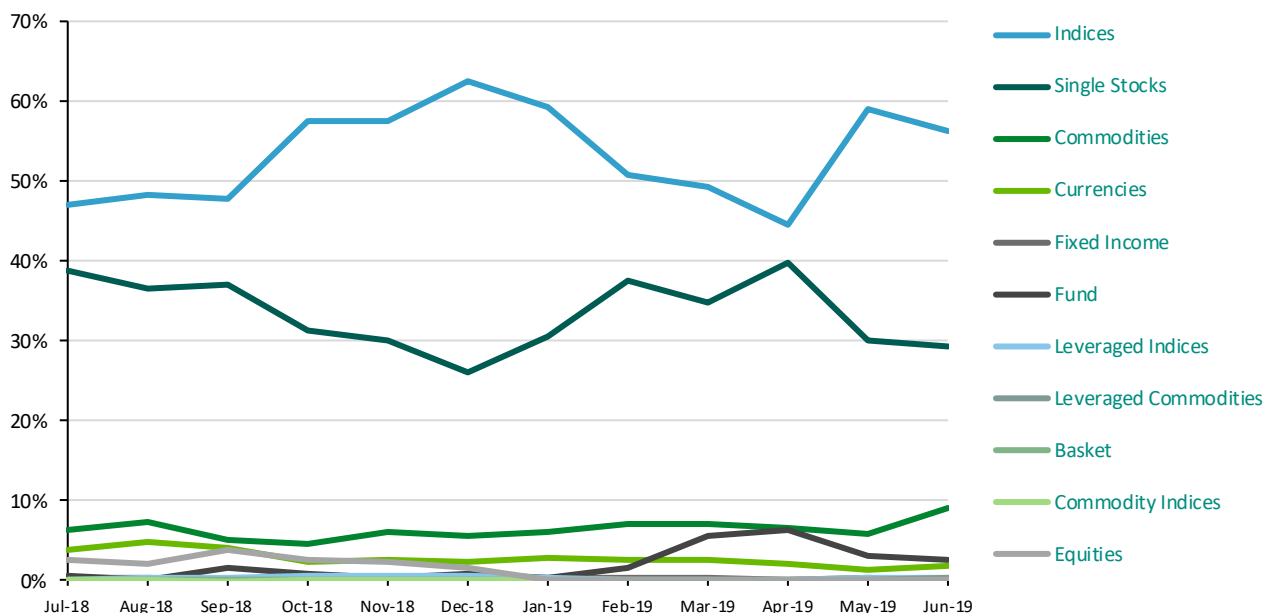
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

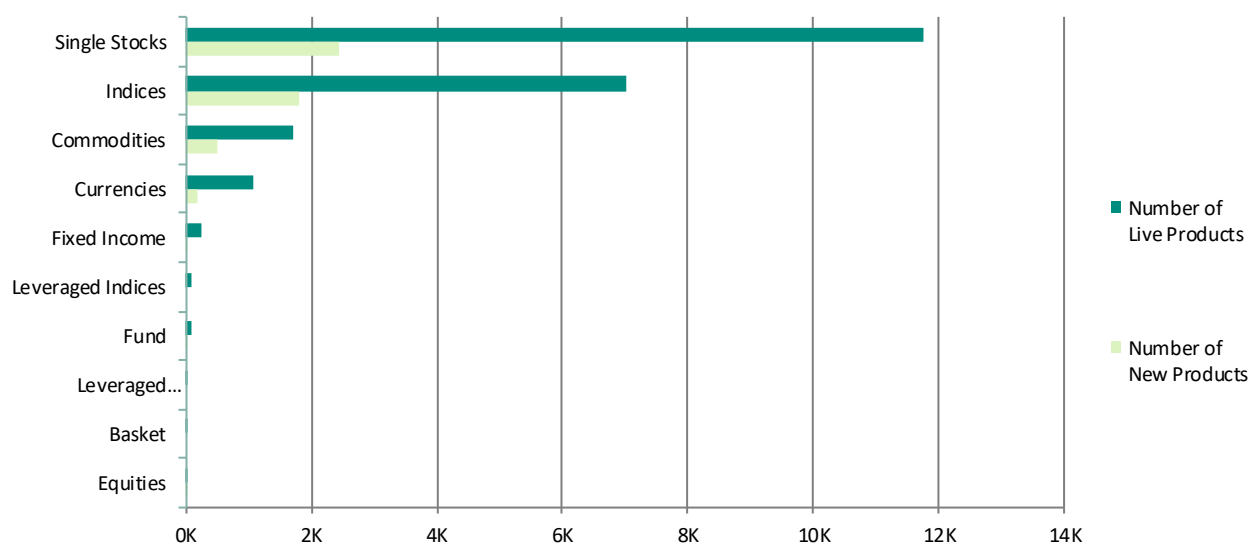
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	11,747	1.2%	6.2%	53.3%	2,443	-21%	-12.9%	49.4%
Indices	7,028	0.4%	5.0%	31.9%	1,791	-8.1%	3.6%	36.2%
Commodities	1,712	0.3%	4.2%	7.8%	507	106%	56%	10.3%
Currencies	1,070	-1.7%	-4.2%	4.9%	172	-6.5%	-24%	3.5%
Fixed Income	252	4.0%	5.2%	1.1%	27	-15.6%	84%	0.5%
Leveraged Indices	96	-1.9%	-6.7%	0.4%	0		-100%	0.0%
Fund	78	5.0%	27%	0.4%	3	-25%	20.0%	0.1%
Leveraged Commodities	33	-5.7%	-33%	0.1%	0		-100%	0.0%
Basket	14	1.6%	1.1%	0.1%	0			0.0%
Equities	2		-99%	0.0%	3		NA	0.1%
Total	22,032	0.7%	4.2%	100%	4,946	-10.4%	-3.1%	100%

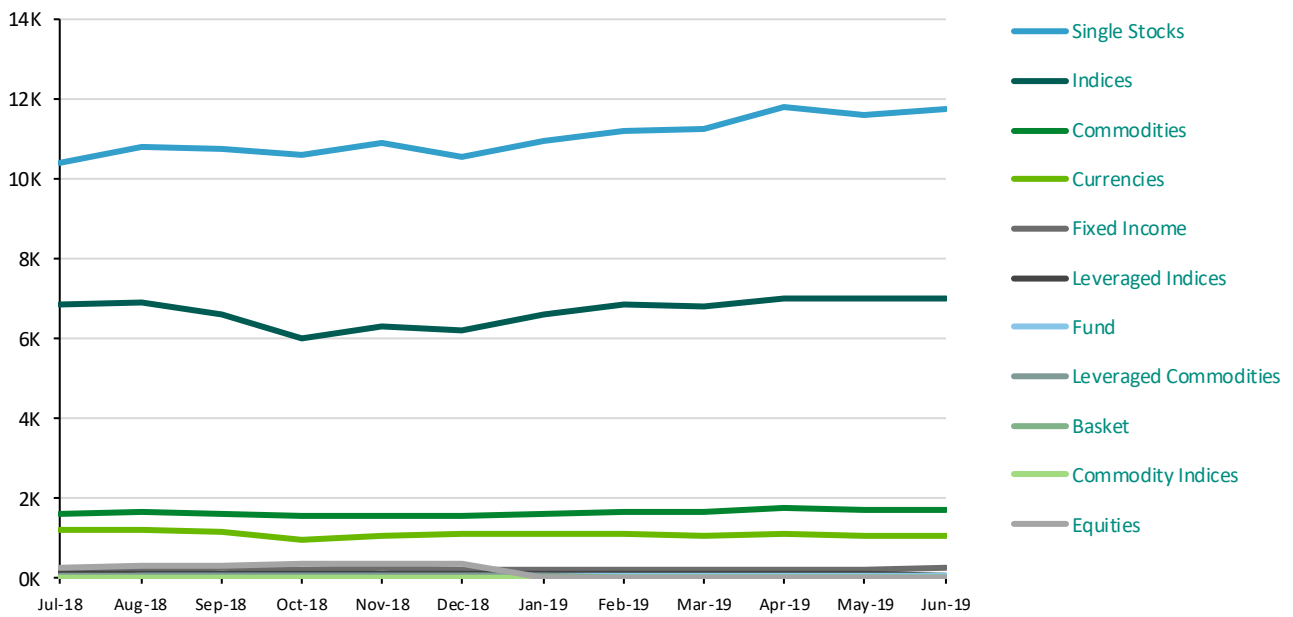
(Source Euronext)



UNDERLYING TYPES

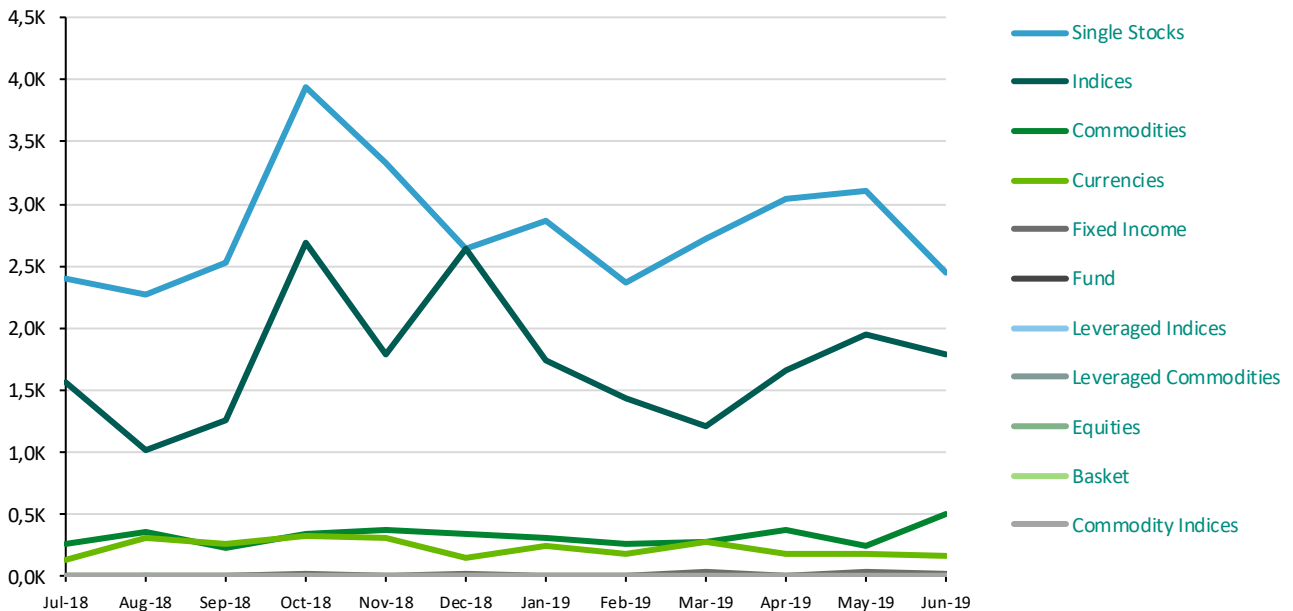
Product Trend: Number of Live Products

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

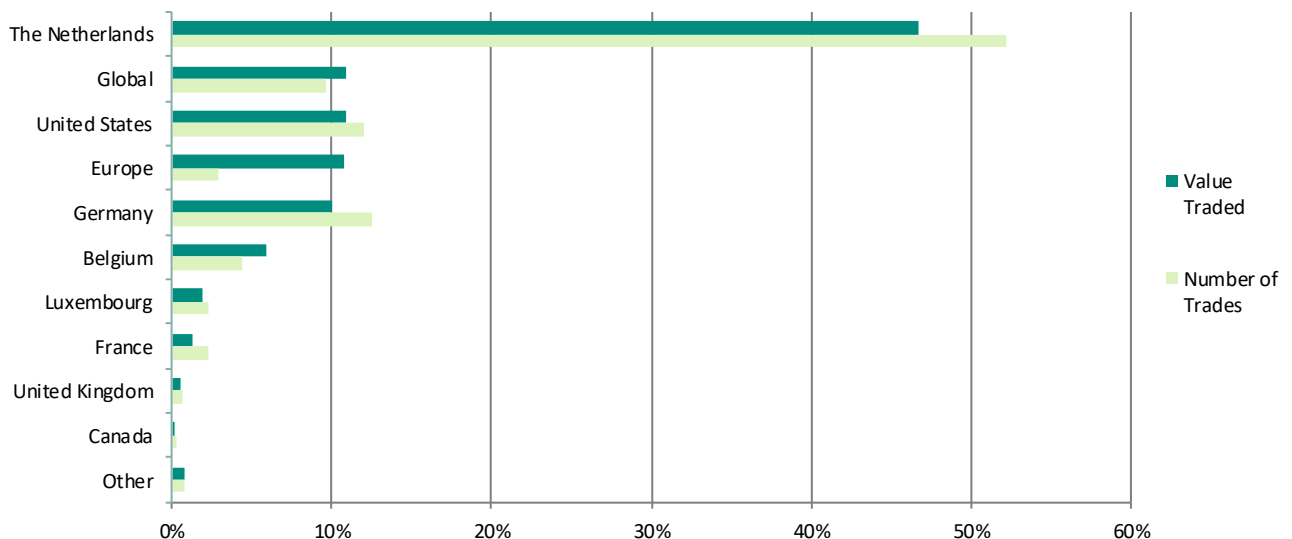
Market Overview

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	7,678	-0.8%	-23%	46.8%	3,706	-6.9%	-5.5%	52.2%
Global	1,793	-26%	-35%	10.9%	685	151%	-24%	9.7%
United States	1,789	-25%	-22%	10.9%	853	-15.1%	-7.7%	12.0%
Europe	1,768	-12.4%	24%	10.8%	209	-83%	26%	2.9%
Germany	1,633	30%	18.8%	10.0%	887	75%	77%	12.5%
Belgium	974	52%	15.3%	5.9%	314	31%	-1.7%	4.4%
Luxembourg	316	-1.5%	-23%	1.9%	161	-27%	-25%	2.3%
France	213	-13.0%	-40%	1.3%	157	0.4%	-14.5%	2.2%
United Kingdom	92	-27%	-63%	0.6%	49	-26%	-35%	0.7%
Canada	31	-21%	-25%	0.2%	20	-10.3%	-6.9%	0.3%
Other	123	-17.2%	-29%	0.7%	55	-25%	-27%	0.8%
Total	16,410	-5.4%	-17.5%	100%	7,095	-9.1%	-2.8%	100%

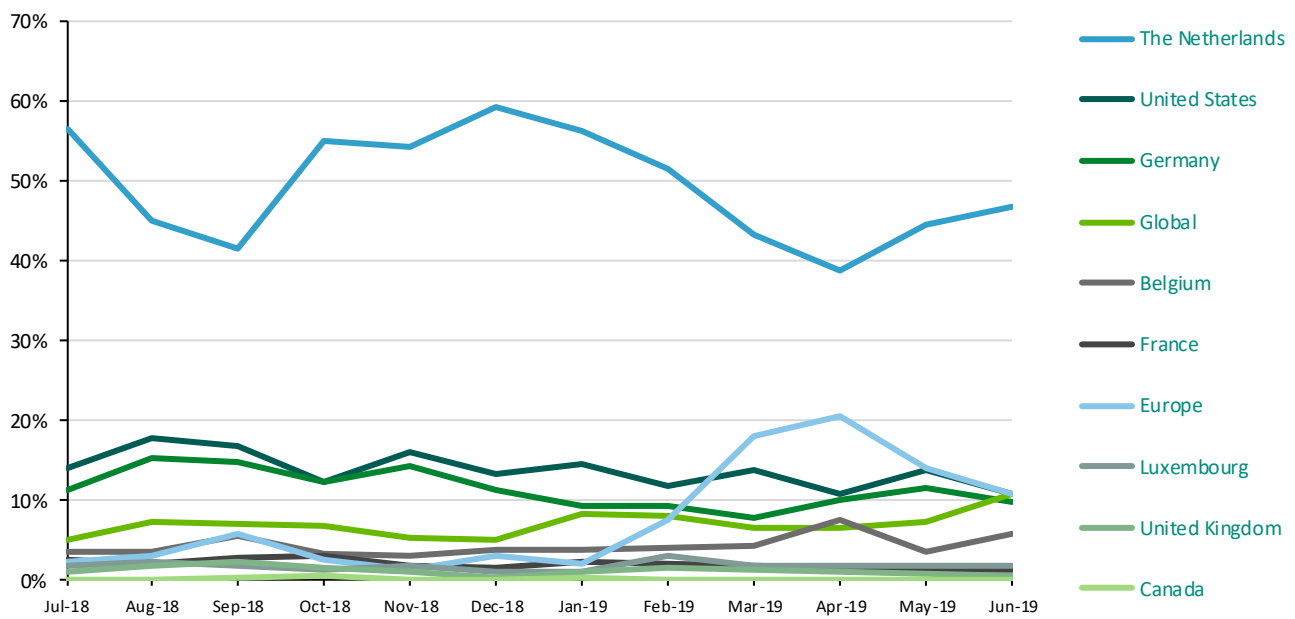
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

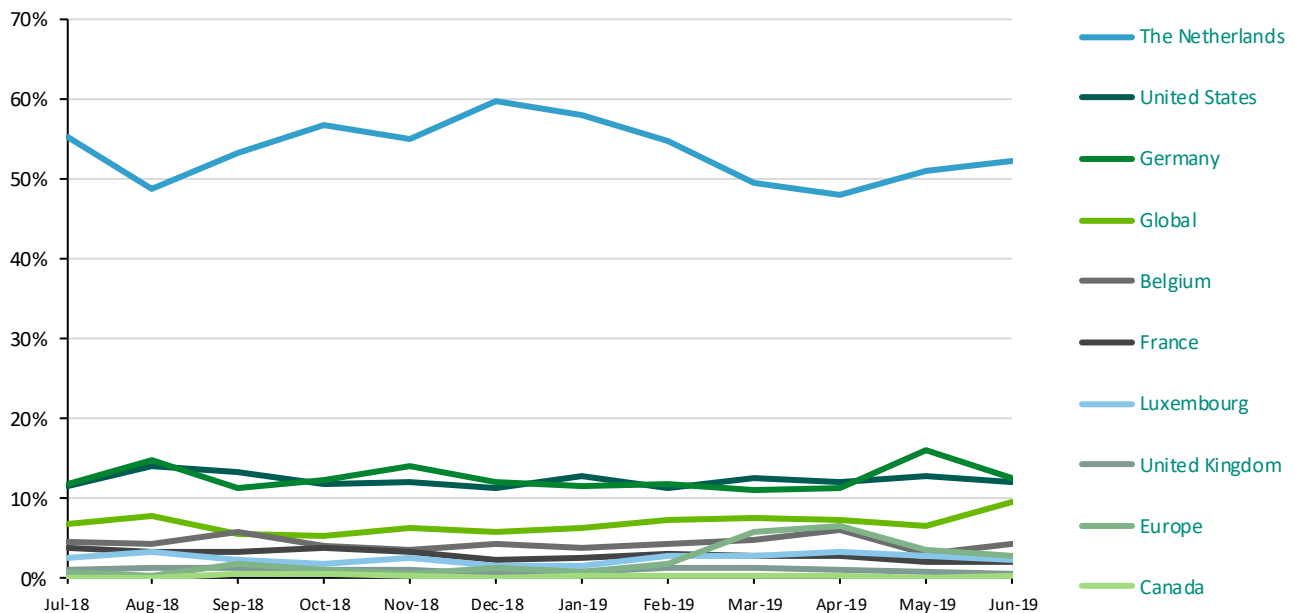
Market Trend: Value traded

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

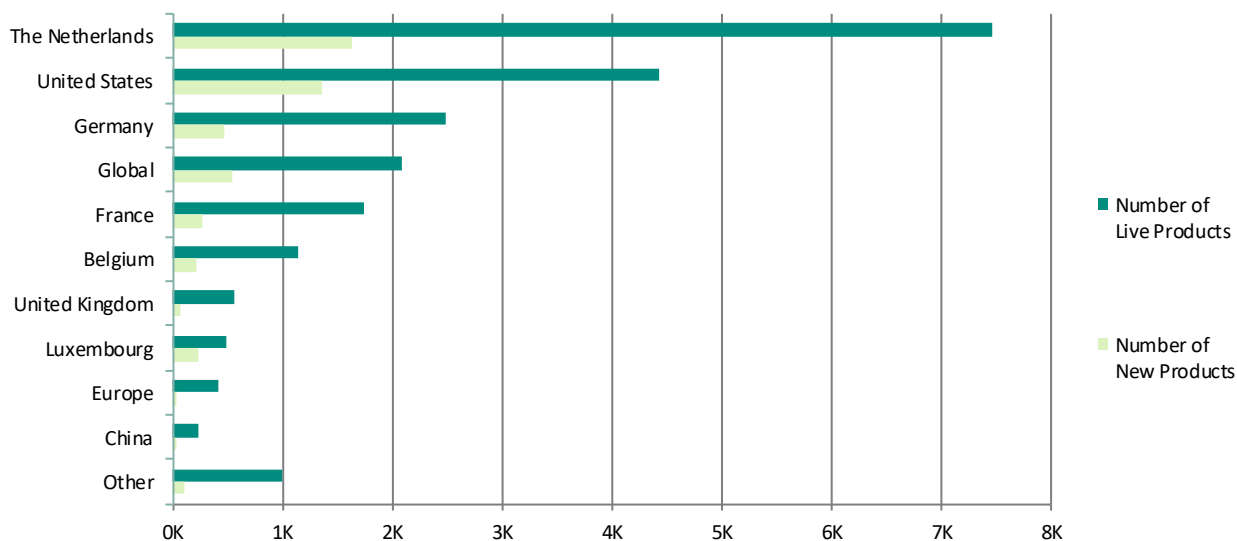
Product Overview

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	7,469	1.0%	2.4%	33.9%	1,630	-10.0%	-6.6%	33.0%
United States	4,432	1.7%	9.6%	20.1%	1,353	-8.3%	9.7%	27.4%
Germany	2,491	0.9%	9.0%	11.3%	463	-35%	-16.8%	9.4%
Global	2,081	0.7%	1.3%	9.4%	538	85%	44%	10.9%
France	1,738	-1.3%	1.0%	7.9%	266	-26%	-30%	5.4%
Belgium	1,141	2.7%	7.5%	5.2%	214	35%	-4.1%	4.3%
United Kingdom	560	-1.8%	1.9%	2.5%	64	-49%	-44%	1.3%
Luxembourg	478	3.6%	-3.1%	2.2%	232	-27%	15.6%	4.7%
Europe	410	-1.1%	0.4%	1.9%	38	-39%	-12.3%	0.8%
China	236	-0.7%	28%	1.1%	39	-60%	-36%	0.8%
Other	994	-2.9%	-5.2%	4.5%	109	-1.8%	-37%	2.2%
Total	22,032	0.7%	4.2%	100%	4,946	-10.4%	-3.1%	100%

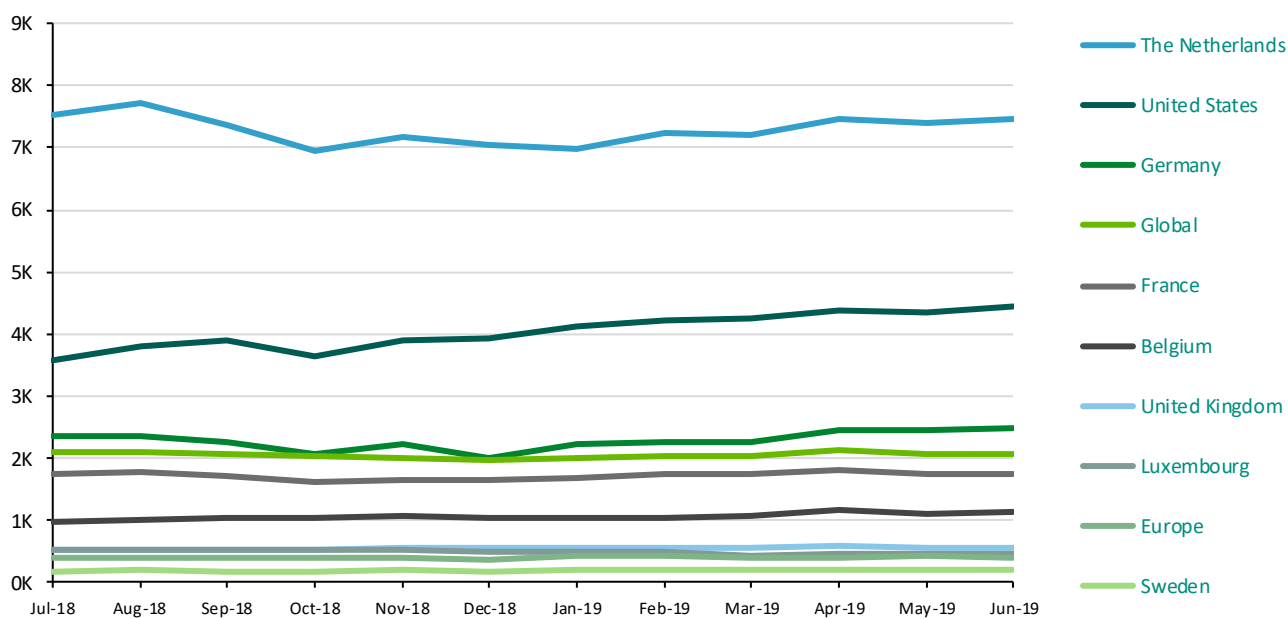
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

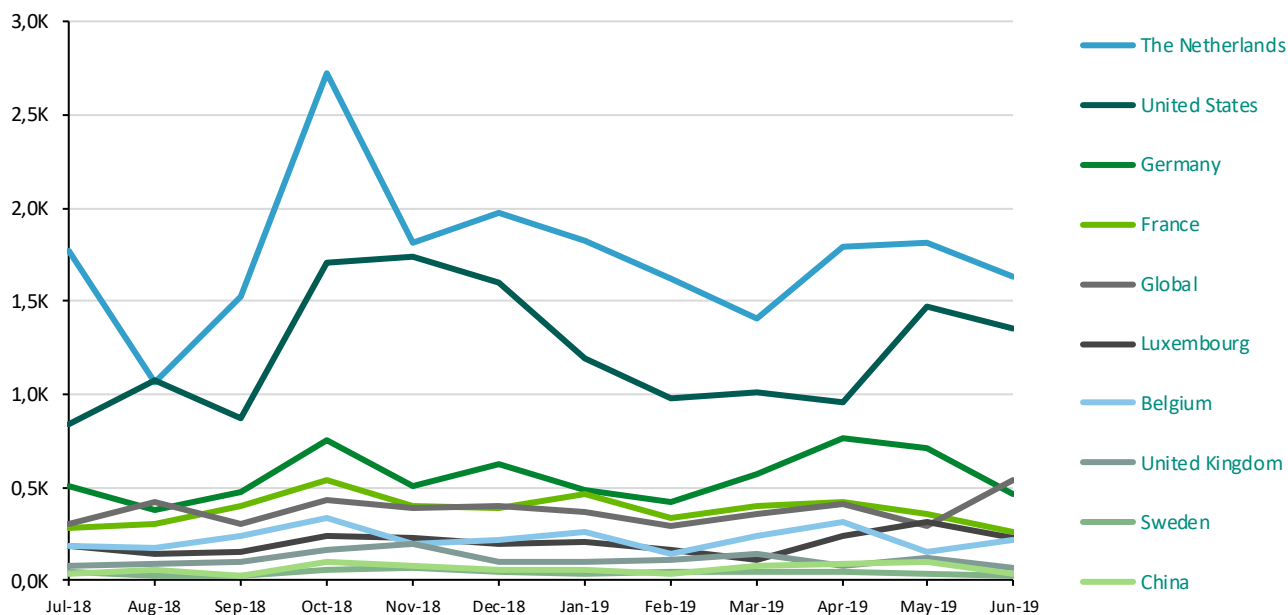
Product Trend: Number of Live Products

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

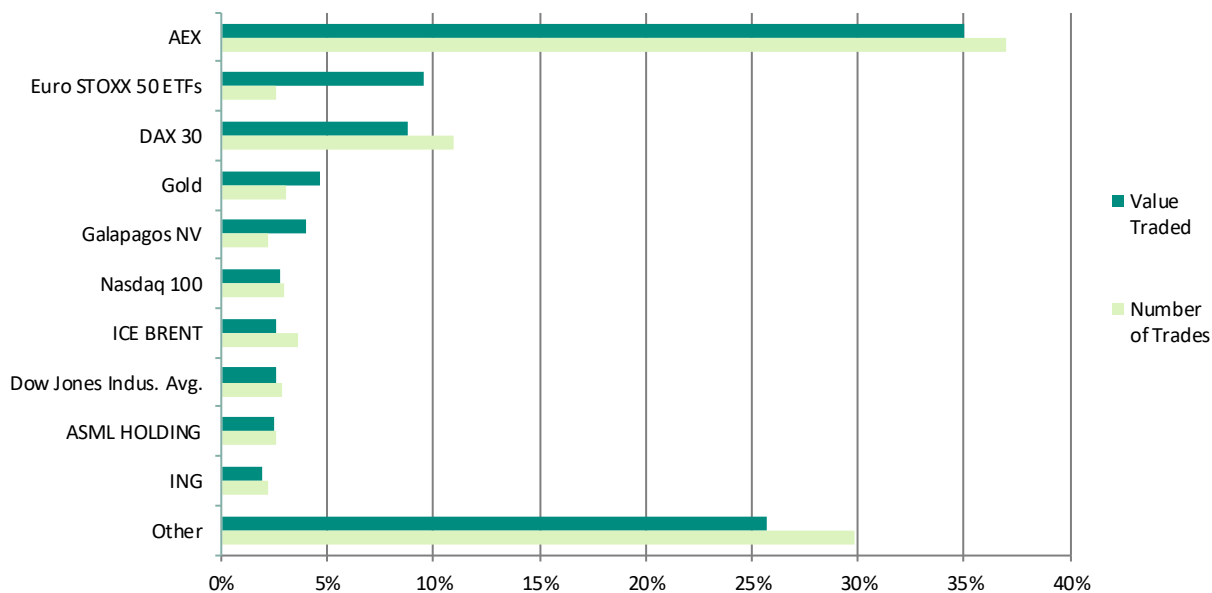
Market Overview

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	5,744	1.7%	-17.4%	35.0%	2,625	-3.9%	3.7%	37.0%
Euro STOXX 50 ETFs	1,560	-34%	-25%	9.5%	184	-22%	-77%	2.6%
DAX 30	1,445	-17.5%	19.6%	8.8%	777	-30%	457%	11.0%
Gold	766	-0.1%	-17.1%	4.7%	219	-24%	27%	3.1%
Galapagos NV	658	5.2%	3.4%	4.0%	157	-37%	-30%	2.2%
Nasdaq 100	452	-7.1%	-28%	2.8%	211	4.7%	10.7%	3.0%
ICE BRENT	428	0.1%	-23%	2.6%	260	97%	32%	3.7%
Dow Jones Indus. Avg.	416	25%	-4.9%	2.5%	205	71%	7.3%	2.9%
ASML HOLDING	406	28%	-2.2%	2.5%	180	54%	4.2%	2.5%
ING	312	1.5%	-23%	1.9%	159	0.6%	30%	2.2%
Other	4,223	-2.6%	-25%	25.7%	2,118	-14.1%	-17.1%	29.9%
Total	16,410	-5.4%	-17.5%	100%	7,095	-9.1%	-2.8%	100%

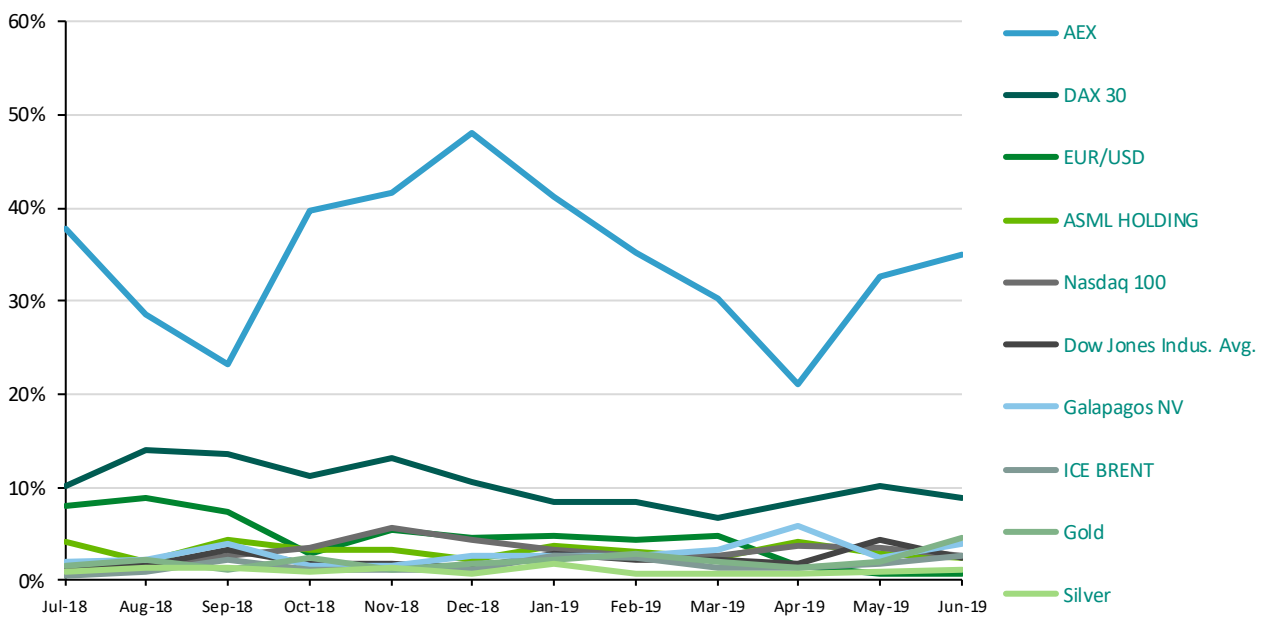
(Source Euronext)



TOP 10 UNDERLYINGS

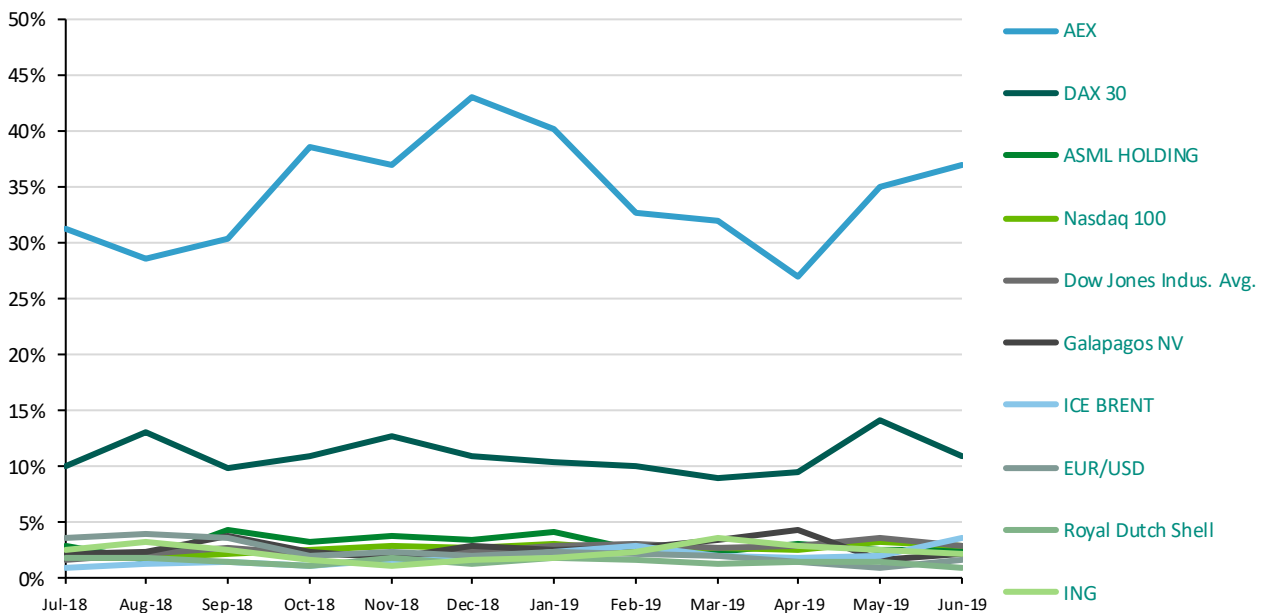
Market Trend: Value traded

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

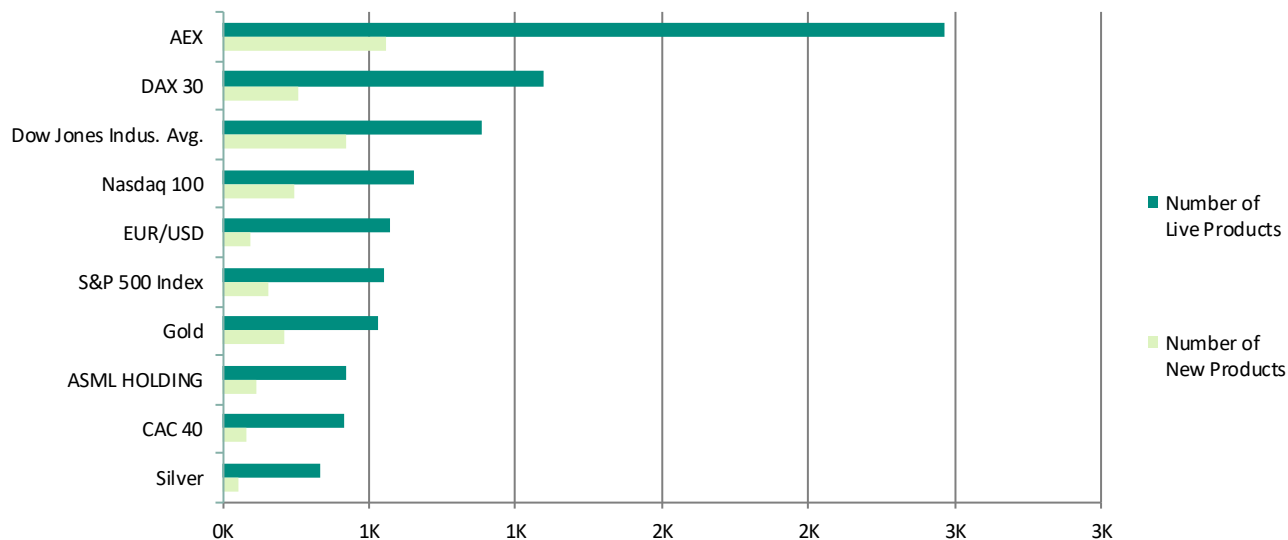
Product Overview

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	2,468	-0.3%	1.3%	11.2%	558	-27%	-13.4%	11.3%
DAX 30	1,095	0.0%	5.4%	5.0%	257	4.0%	-16.0%	5.2%
Dow Jones Indus. Avg.	884	0.6%	16.4%	4.0%	418	25%	55%	8.5%
Nasdaq 100	651	1.9%	16.1%	3.0%	244	-5.4%	15.0%	4.9%
EUR/USD	567	-3.0%	-6.4%	2.6%	91	160%	-8.7%	1.8%
S&P 500 Index	548	2.8%	4.9%	2.5%	154	23%	50%	3.1%
Gold	528	2.8%	0.0%	2.4%	207	800%	195%	4.2%
ASML HOLDING	419	2.6%	11.0%	1.9%	111	6.7%	6.8%	2.2%
CAC 40	415	0.1%	2.5%	1.9%	81	-6.9%	-15.4%	1.6%
Silver	332	2.6%	2.2%	1.5%	51	82%	3.2%	1.0%
Other	14,124	0.9%	4.0%	64.1%	2,774	-21%	-12.0%	56.1%
Total	22,032	0.7%	4.2%	100%	4,946	-10.4%	-3.1%	100%

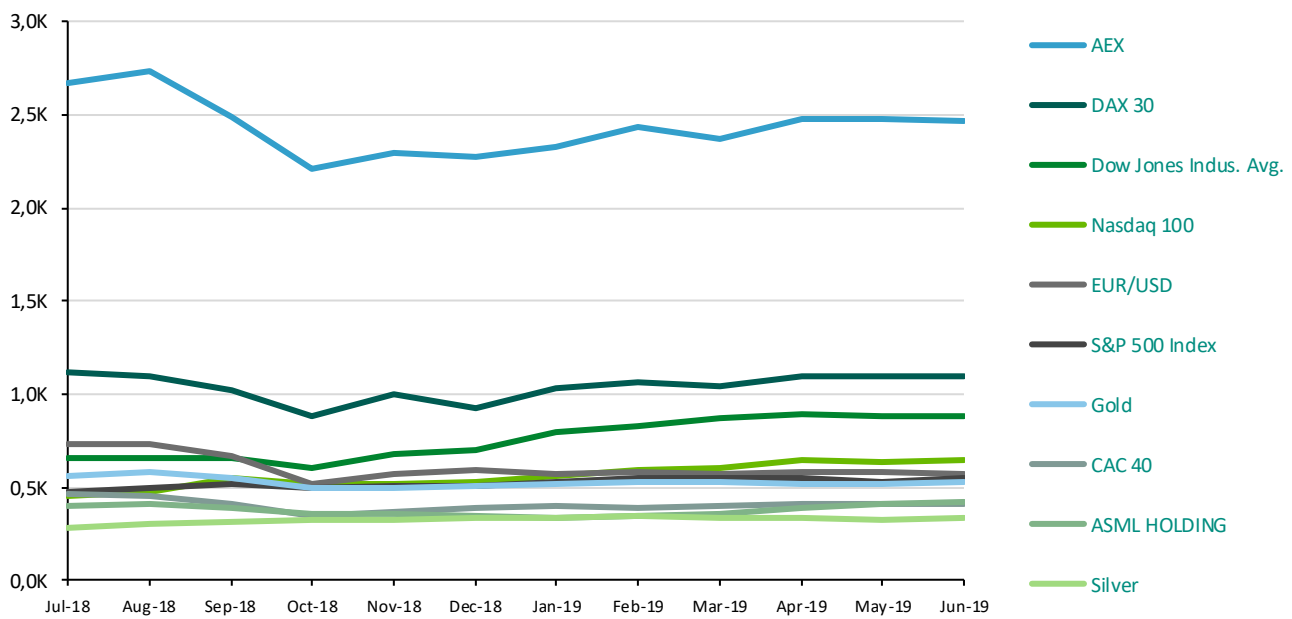
(Source Euronext)



TOP 10 UNDERLYINGS

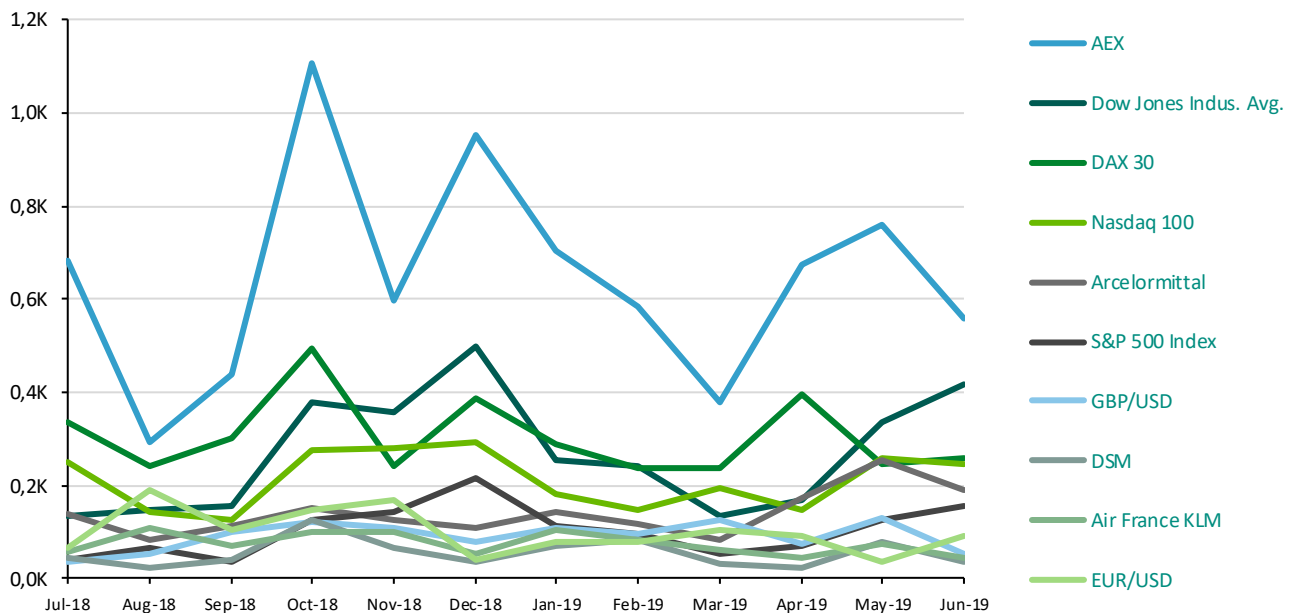
Product Trend: Number of Live Products

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
NL0013497613	ING	2100	Warrants	Euro STOXX 50 ETFs	24,287	2,466
NL0013497621	ING	2100	Warrants	Euro STOXX 50 ETFs	14,278	1,858
NL0013562101	ING	2100	Warrants	Euro STOXX 50 ETFs	14,207	1,362
NL0013456718	Goldman Sachs	2210	Mini-Futures	AEX	5,968	456
NL0012203913	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	5,768	15,454
DE000CP68CG9	Citi	2200	Knock-Out Warrants	AEX	5,692	15,338
NL0013371800	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	5,595	1,504
NL0013570229	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,833	982
NL0013371503	BNP Paribas	2210	Mini-Futures	AEX	4,307	474
NL0013204654	ING	2205	Open-End Knock-Out Warrants	ICE BRENT	4,273	2,772
NL0013376429	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,114	1,088
NL0011812300	BNP Paribas	2210	Mini-Futures	Gold	3,764	46
NL0013373178	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	3,673	672
NL0013371784	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,538	1,228
NL0012682512	BNP Paribas	2210	Mini-Futures	VIX Futures	3,146	332
NL0013394489	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	3,038	796
NL0012904098	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	2,929	790
DE000CU1DK27	Commerzbank	2200	Knock-Out Warrants	AEX	2,795	906
NL0013358112	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,785	1,344
NL0013376437	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,762	330
NL0013358096	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,754	410
NL0013457641	Goldman Sachs	2210	Mini-Futures	AEX	2,741	164
NL0012691901	BNP Paribas	2210	Mini-Futures	Silver	2,694	80
NL0013566599	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,646	388
DE000CY51JH0	Citi	2205	Open-End Knock-Out Warrants	AEX	2,645	1,172
DE000CU1BZ71	Commerzbank	2210	Mini-Futures	AEX	2,628	922
DE000CE6E929	Commerzbank	2210	Mini-Futures	Galapagos NV	2,575	560
NL0013447147	Goldman Sachs	2210	Mini-Futures	AEX	2,508	204
NL0013447113	Goldman Sachs	2210	Mini-Futures	AEX	2,488	40
NL0013362544	BNP Paribas	1250	Capped Bonus Certificates	Euro STOXX 50	2,414	50
NL0012108377	BNP Paribas	2210	Mini-Futures	Galapagos NV	2,318	42
NL0013571672	BNP Paribas	2210	Mini-Futures	AEX	2,309	332
NL0013209539	ING	2205	Open-End Knock-Out Warrants	Galapagos NV	2,261	786
NL0013568066	BNP Paribas	2210	Mini-Futures	Gold	2,254	286
DE000VF5H2W7	Vontobel	2205	Open-End Knock-Out Warrants	Tesla Motors Inc	2,231	286
NL0013497605	ING	2100	Warrants	Euro STOXX 50 ETFs	2,215	398
NL0013325319	ING	2100	Warrants	Euro STOXX 50 ETFs	2,190	396
NL0013366693	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,184	178
DE000VF5T2G0	Vontobel	2205	Open-End Knock-Out Warrants	Tesla Motors Inc	2,168	212
NL0013371693	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,879	384
NL0013276678	BNP Paribas	2205	Open-End Knock-Out Warrants	Gold	1,872	556
NL0013359425	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,861	626
NL0013500531	ING	2205	Open-End Knock-Out Warrants	ICE BRENT	1,852	516
NL0012988448	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,846	272
NL0013569254	BNP Paribas	2210	Mini-Futures	AEX	1,790	266
DE000VF6FNJ7	Vontobel	2205	Open-End Knock-Out Warrants	AEX	1,788	636
NL0012277610	BNP Paribas	2210	Mini-Futures	ASML HOLDING	1,784	42
NL0013366131	BNP Paribas	2210	Mini-Futures	AEX	1,782	64
NL0012100606	BNP Paribas	2210	Mini-Futures	Galapagos NV	1,755	38
DE000VF16KF4	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	1,750	1,156

(Source Euronext)



Euronext Brussels

ISSUERS

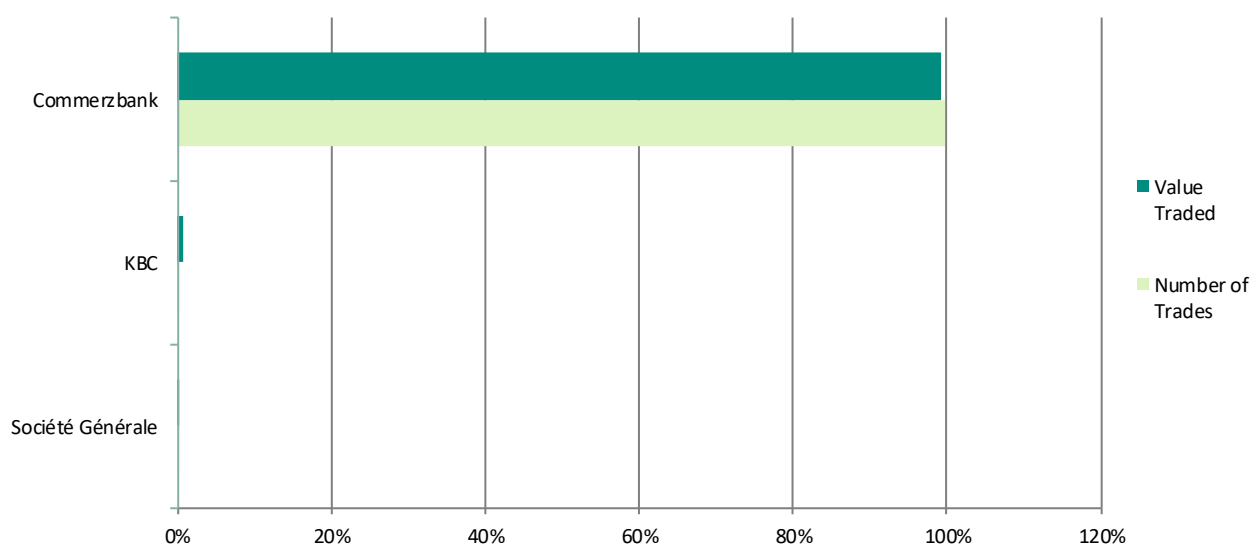
Market Overview

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	309	-16.7%	-36%	99.3%	185	-16.4%	-20.4%	99.9%
KBC	2	95%	-97%	0.7%	0.2	-26.7%	-73.0%	0.1%
Société Générale	0	-91%	-90%	0.0%	0.1	-63.3%	-39.5%	0.0%
Total	311	-16.6%	-44.2%	100%	185	-16.5%	-20.6%	100%

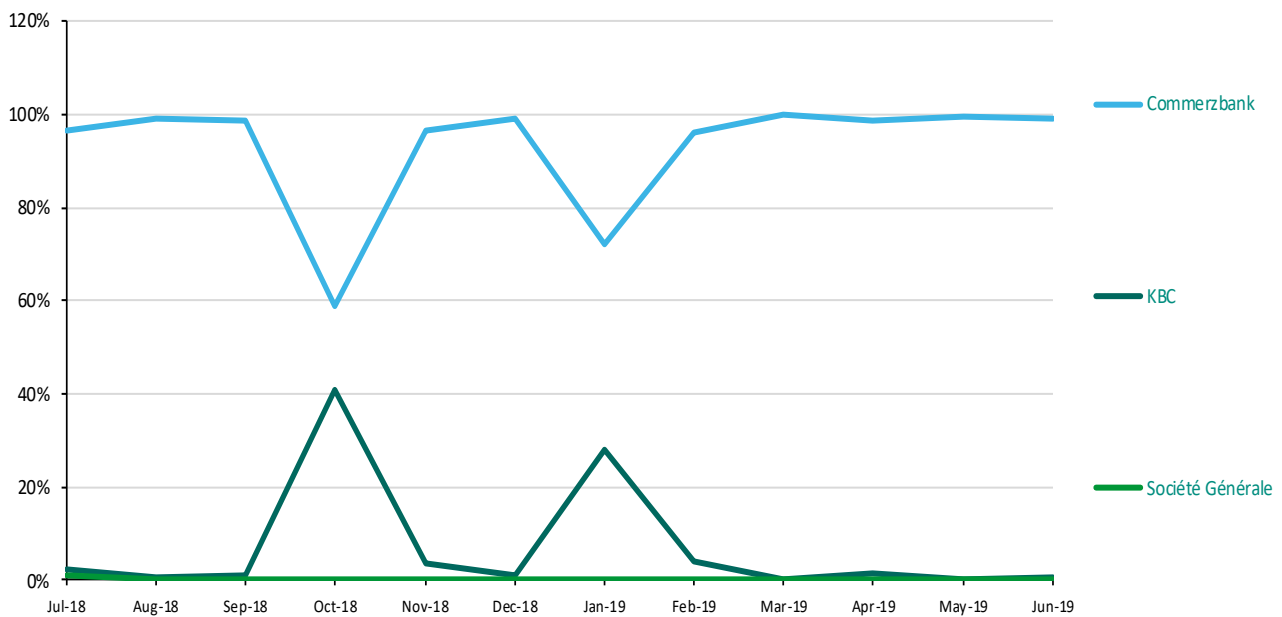
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ISSUERS

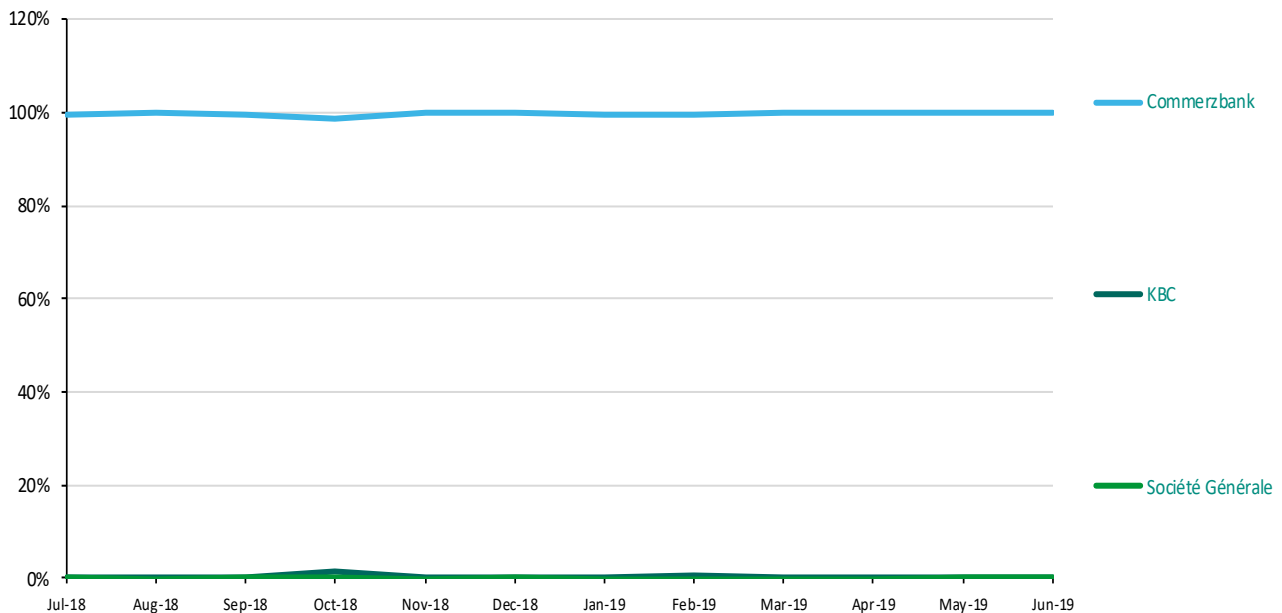
Market Trend: Value traded

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

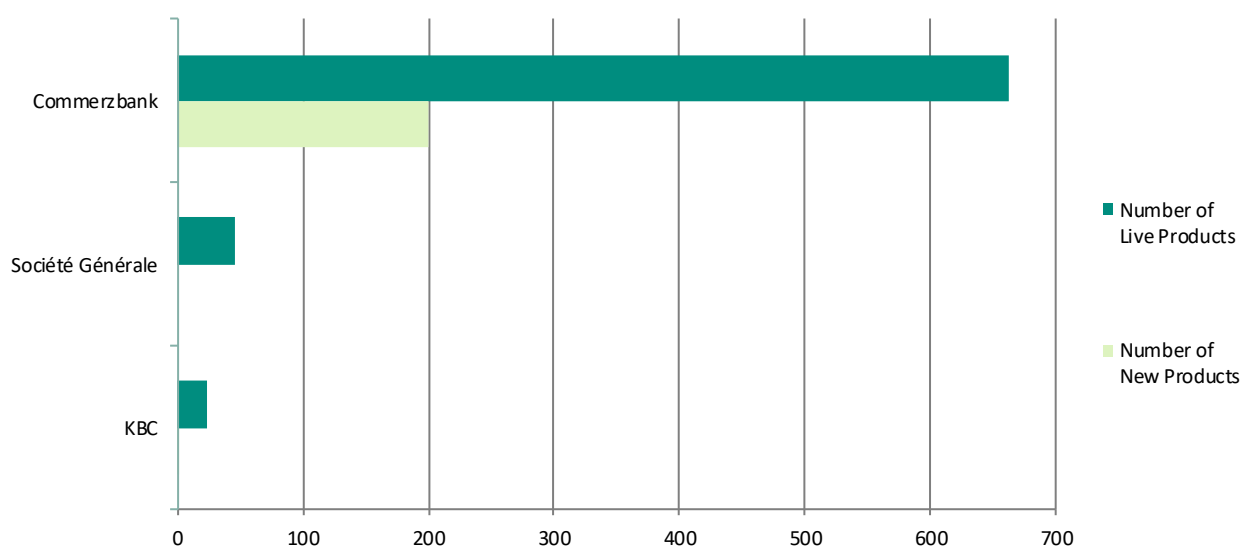
Product Overview

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	663	-2.1%	-13.5%	90.6%	200	11.1%	-8.2%	99.5%
Société Générale	45	0.0%	-4.3%	6.1%	0			0.0%
KBC	24	-1.4%	0.3%	3.3%	1	0.0%	-29%	0.5%
Total	732	-2.0%	-12.5%	100%	201	11.0%	-8.4%	100%

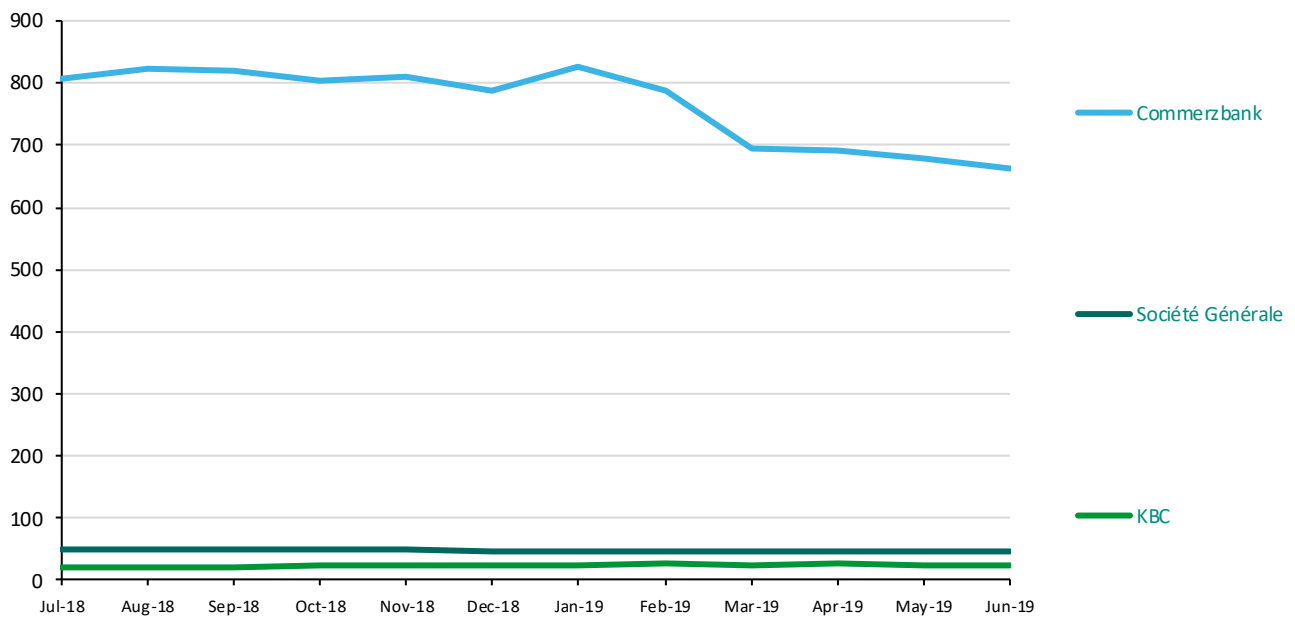
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ISSUERS

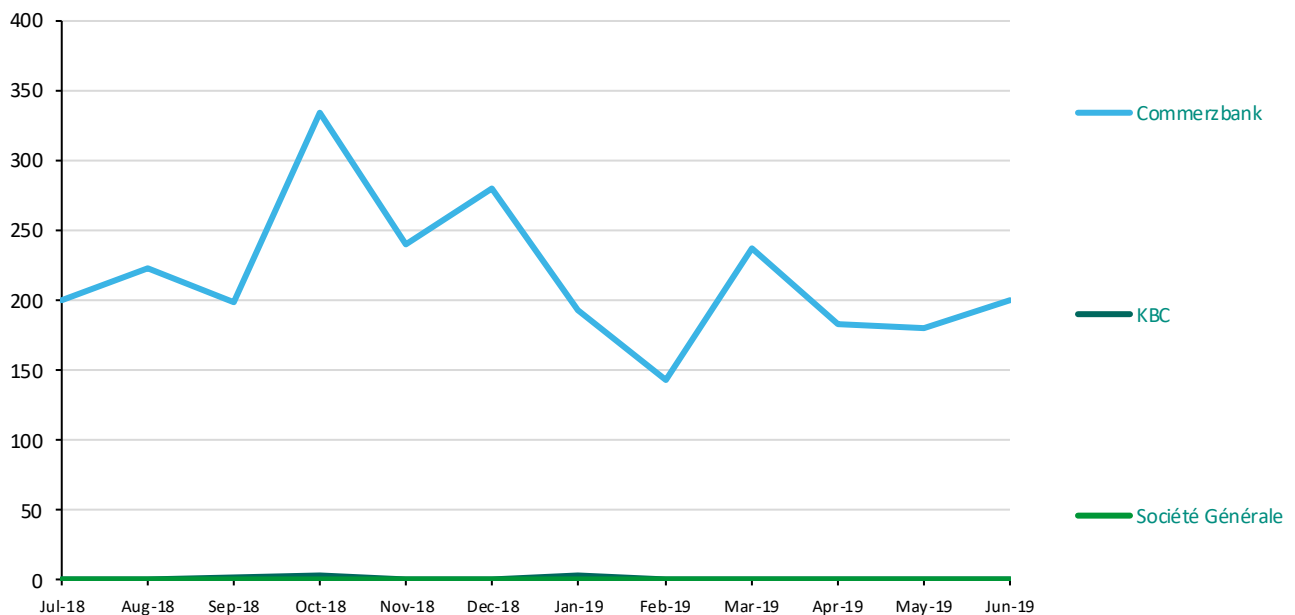
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

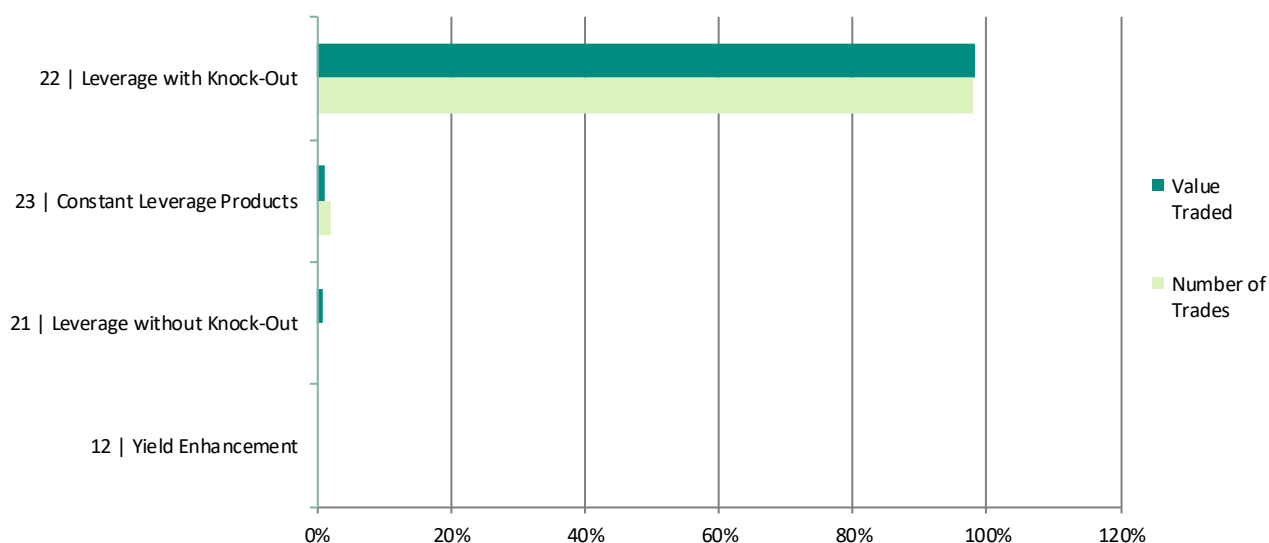
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	306	-16.3%	-35%	98.2%	181	-15.7%	-20.3%	98.0%
23 Constant Leverage Products	3	-53%	-95%	1.1%	3.6	-43.4%	NA	1.9%
21 Leverage without Knock-Out	2	154%	-76%	0.7%	0.2	46.7%	-95.7%	0.1%
12 Yield Enhancement	0		-100%	0.0%	0.0		-100.0%	0.0%
Total	311	-16.6%	-44.2%	100%	185	-16.5%	-20.6%	100%

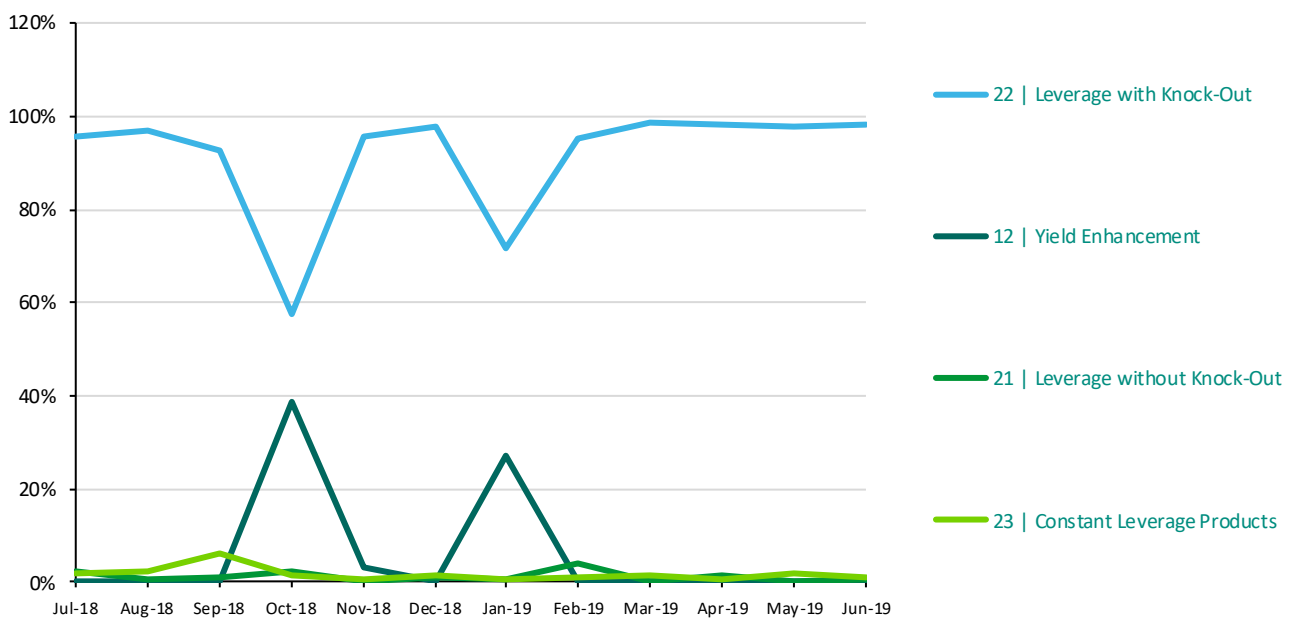
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

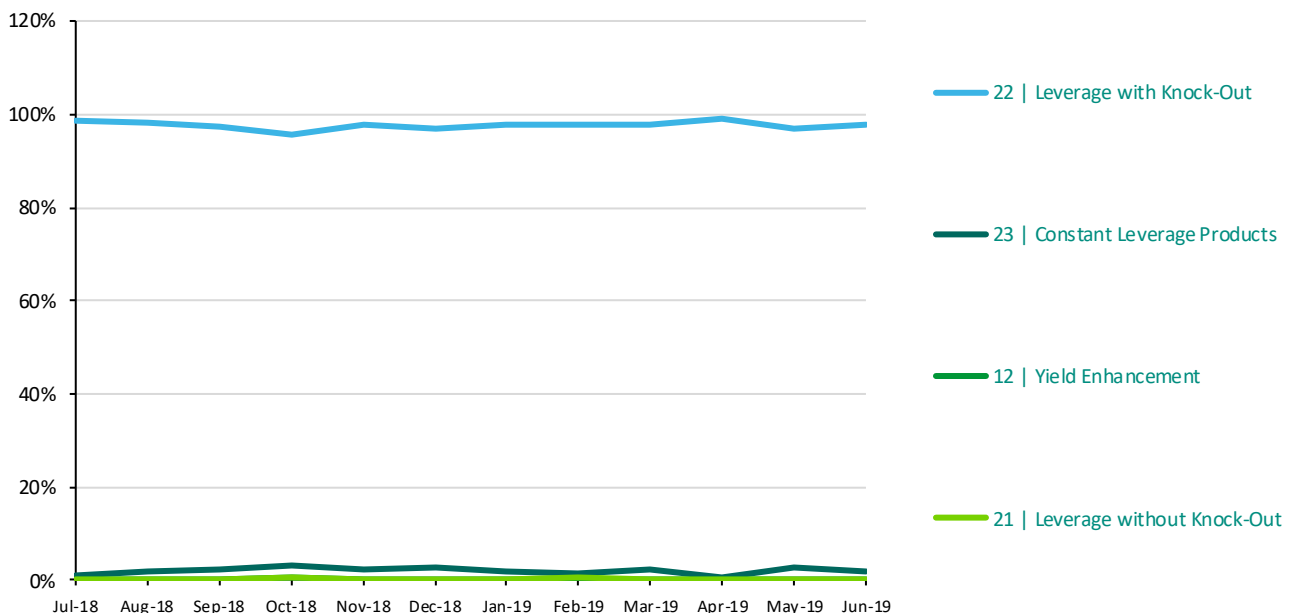
Market Trend: Value traded

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)

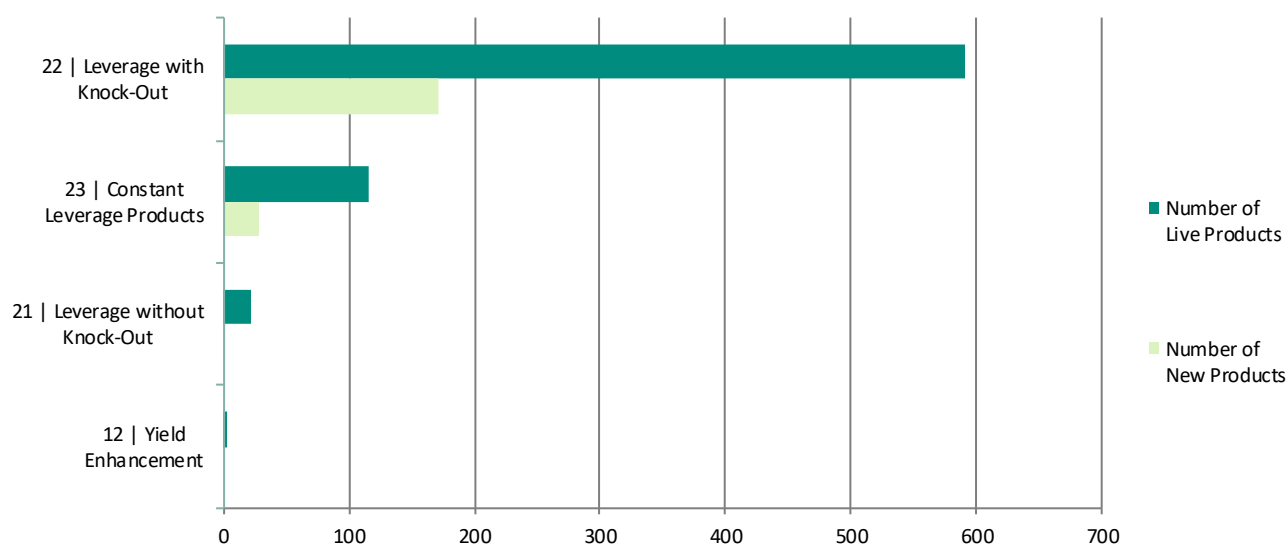
Product Overview

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	592	-2.6%	-15.1%	80.8%	171	-5.0%	-18.7%	85.1%
23 Constant Leverage Products	116	1.2%	0.4%	15.9%	29		287%	14.4%
21 Leverage without Knock-Out	22	-5.1%	-5.2%	3.0%	1	0.0%	-14.3%	0.5%
12 Yield Enhancement	2	51%	66%	0.3%	0		-100%	0.0%
Total	732	-2.0%	-12.5%	100%	201	11.0%	-8.4%	100%

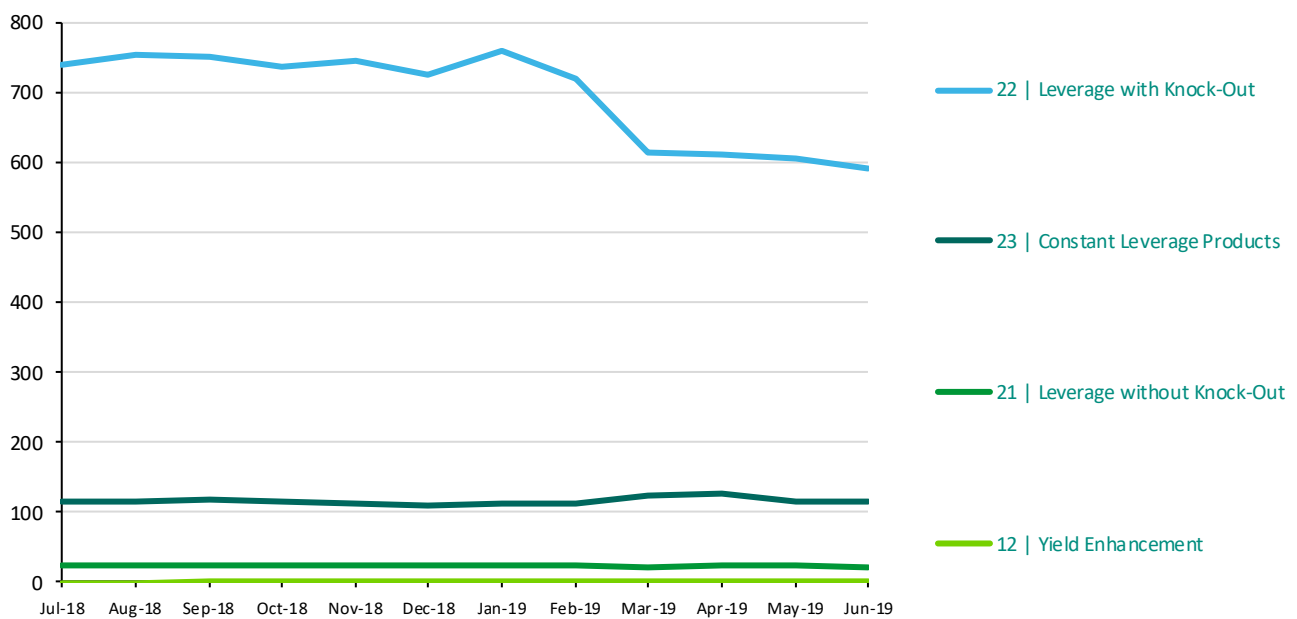
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

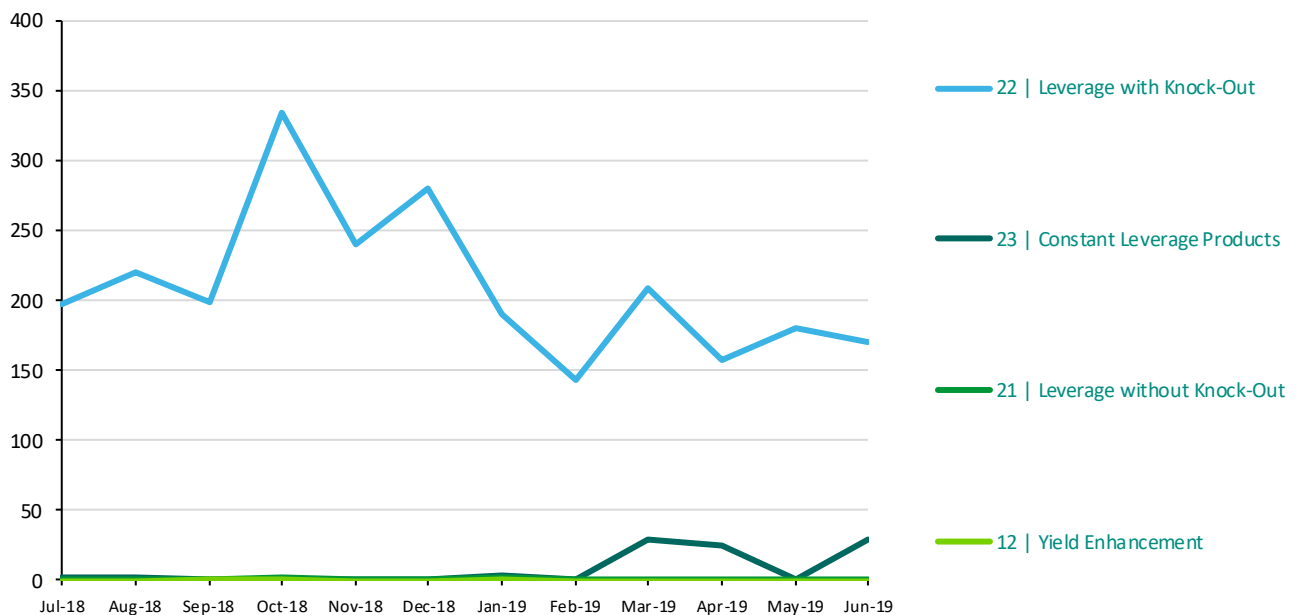
Product Trend: Number of Live Products

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)

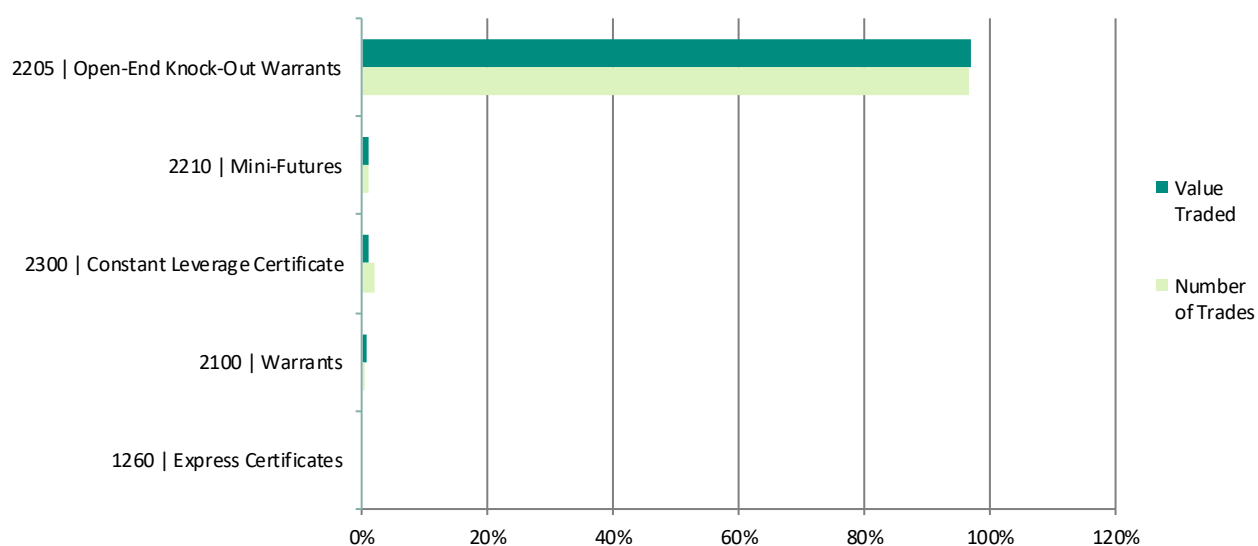
Market Overview

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	302	-16.5%	-35%	97.1%	179	-15.5%	-19.6%	96.8%
2210 Mini-Futures	3	-52%	-95%	1.1%	2.2	-65%	816%	1.2%
2300 Constant Leverage Certificate	3	9.7%	-63%	1.1%	3.6	14.9%	-24%	1.9%
2100 Warrants	2	154%	-69%	0.7%	0.2	47%	-96%	0.1%
1260 Express Certificates	0		-100%	0.0%	0.0		-100%	0.0%
Total	311	-16.6%	-44.2%	100%	185	-16.5%	-20.6%	100%

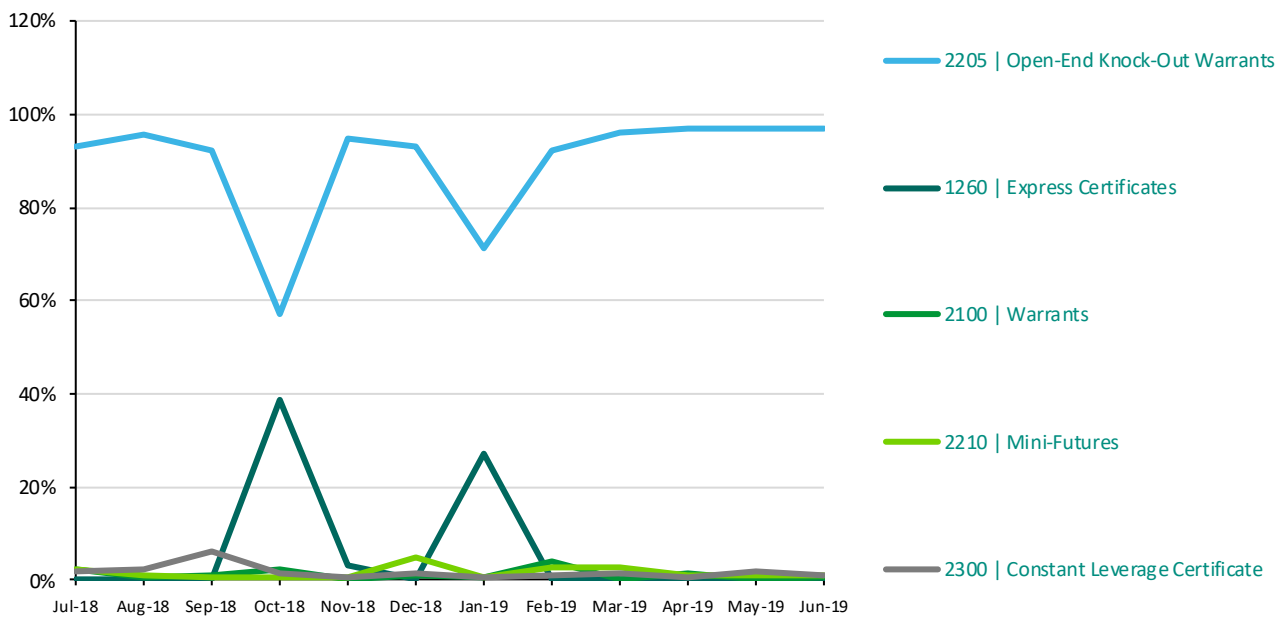
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

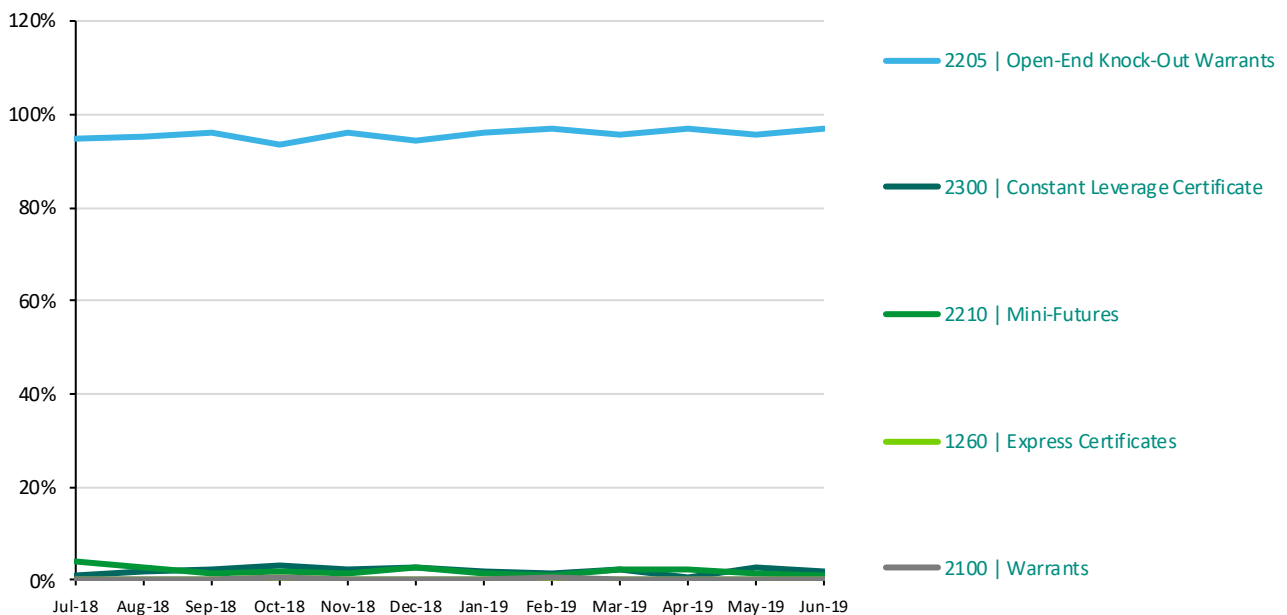
Market Trend: Value traded

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)

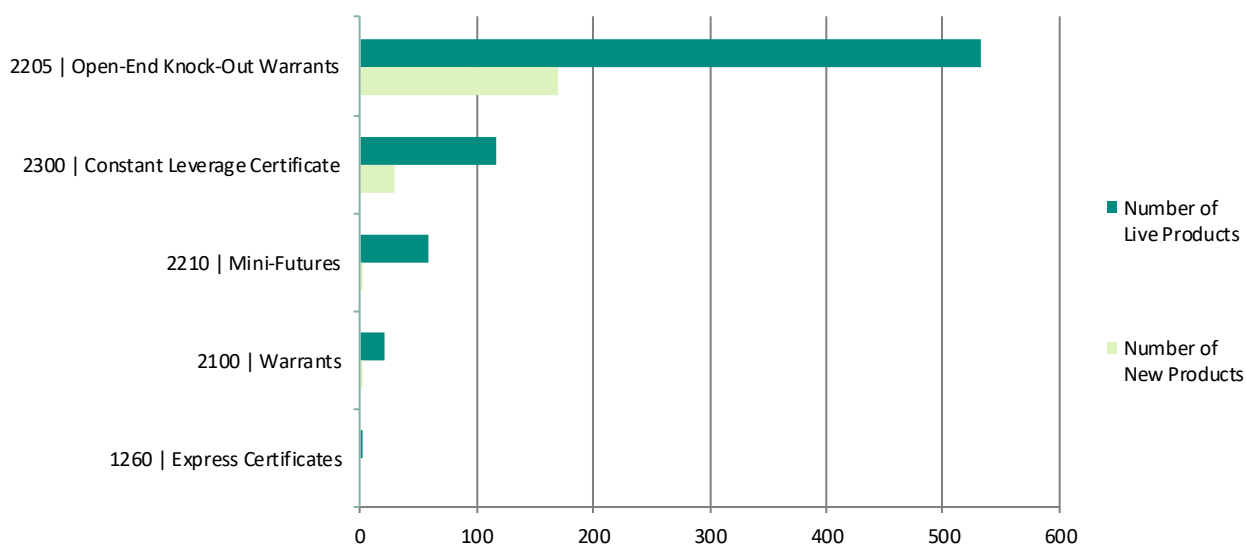
Product Overview

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	533	-2.6%	-13.1%	72.8%	170	-5.0%	-17.6%	84.6%
2300 Constant Leverage Certificate	116	1.2%	0.4%	15.9%	29		287%	14.4%
2210 Mini-Futures	59	-2.4%	-30%	8.0%	1	0.0%	-76%	0.5%
2100 Warrants	22	-5.1%	-5.2%	3.0%	1	0.0%	-14.3%	0.5%
1260 Express Certificates	2		66%	0.3%	0		-100%	0.0%
Total	732	-2.0%	-12.5%	100%	201	11.0%	-8.4%	100%

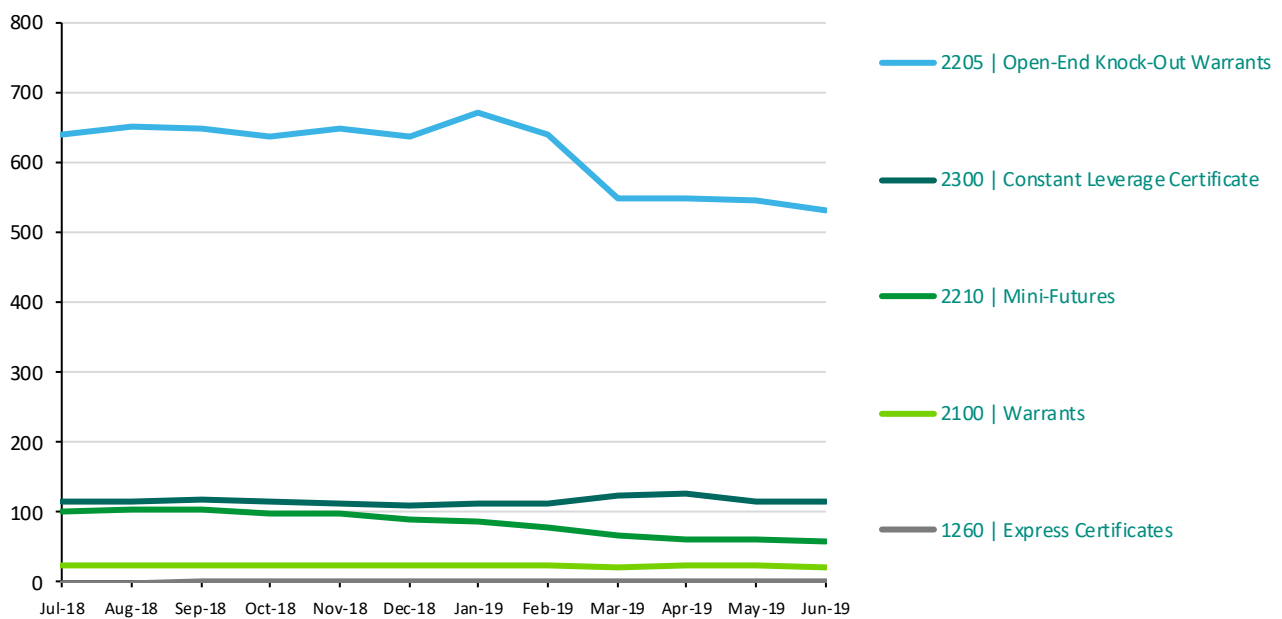
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

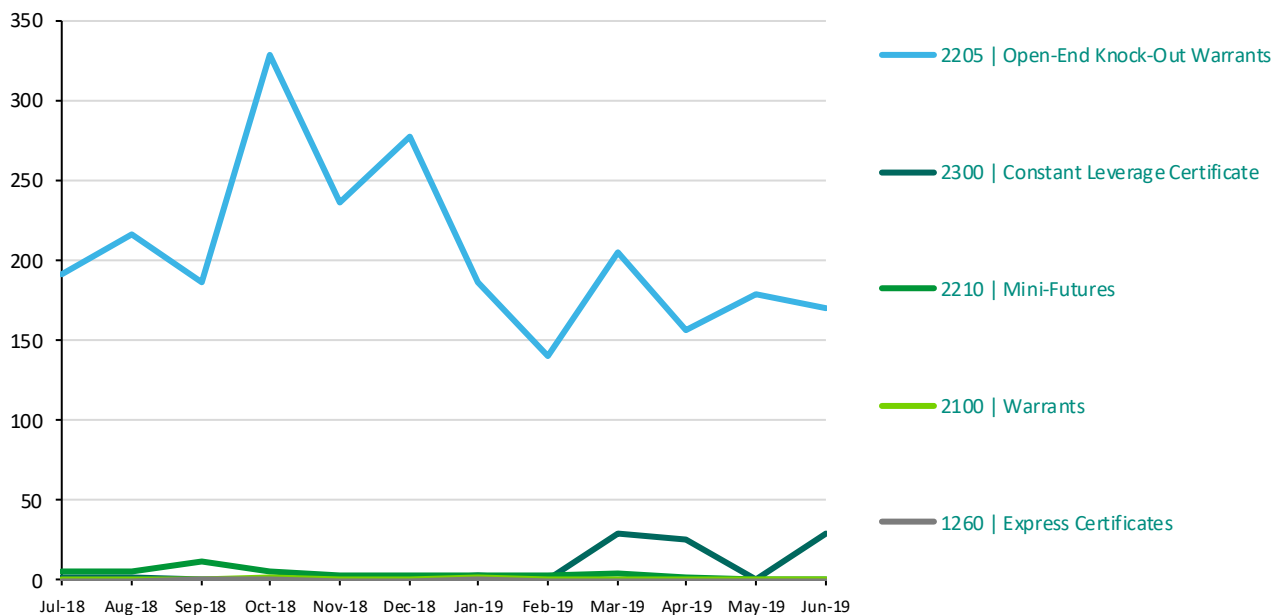
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

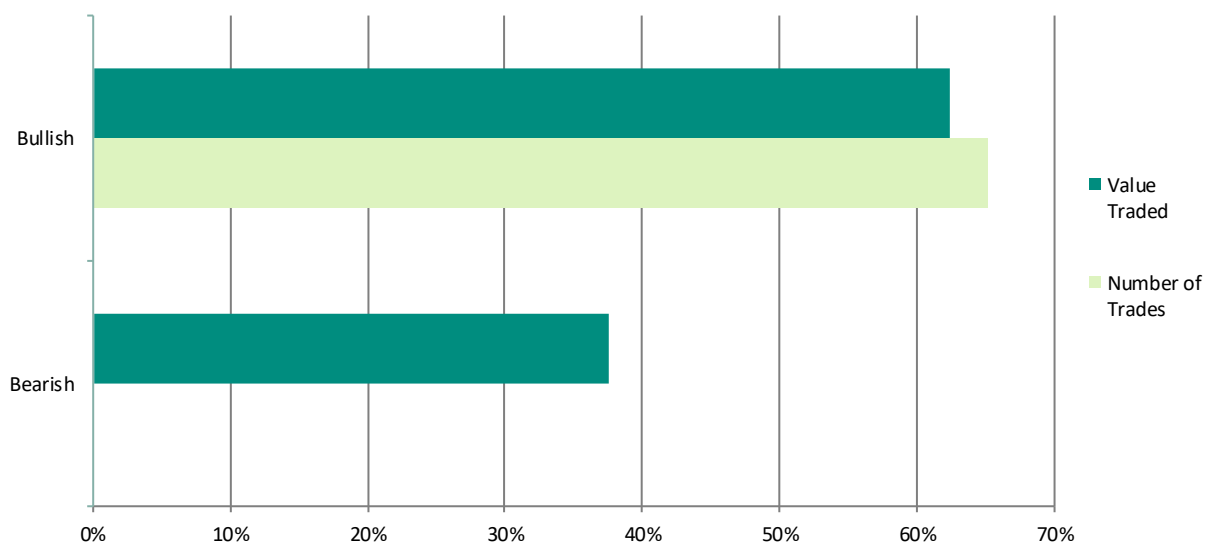
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	194	-6.5%	-49%	62.4%	120	23.8%	-17.4%	65.2%
Bearish	117	-29%	-35%	37.6%	0.0	-100%	-100%	0.0%
Total	311	-16.6%	-44.2%	100%	185	-16.5%	-20.6%	100%

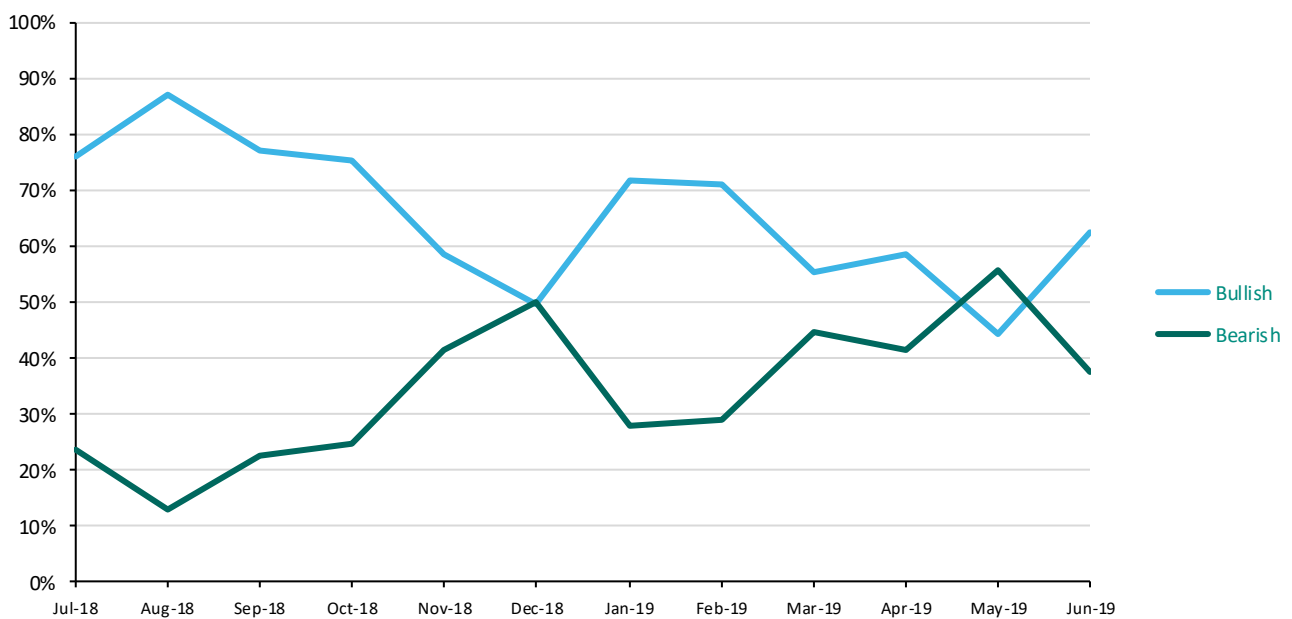
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PRODUCT STRATEGIES

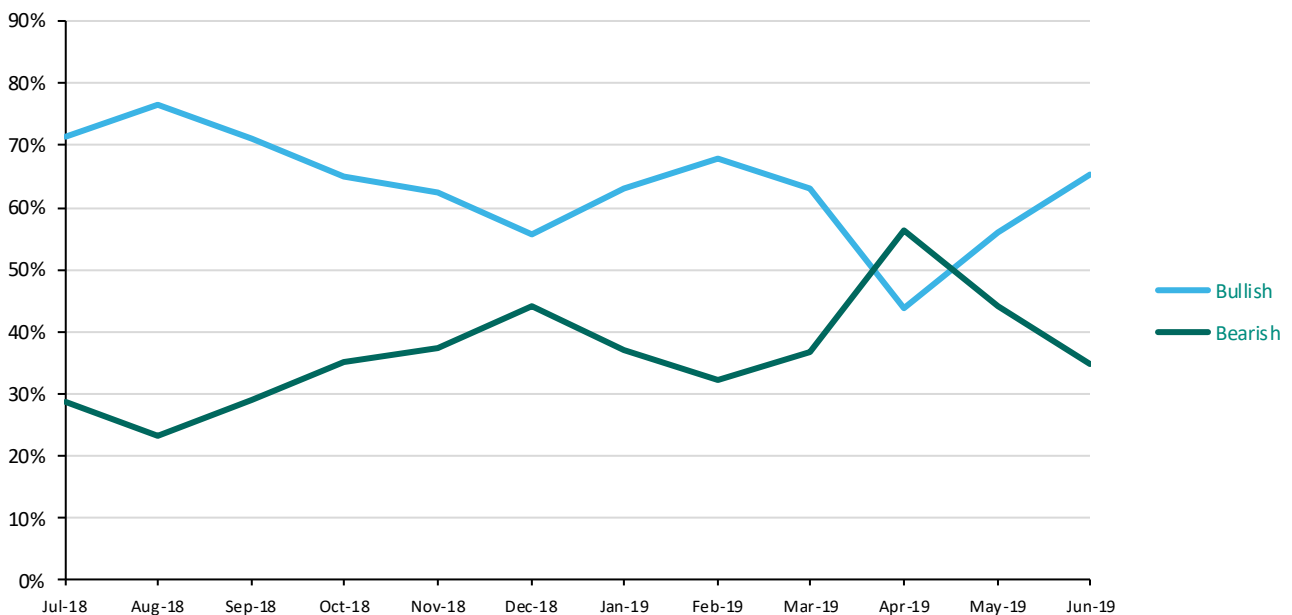
Market Trend: Value traded

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

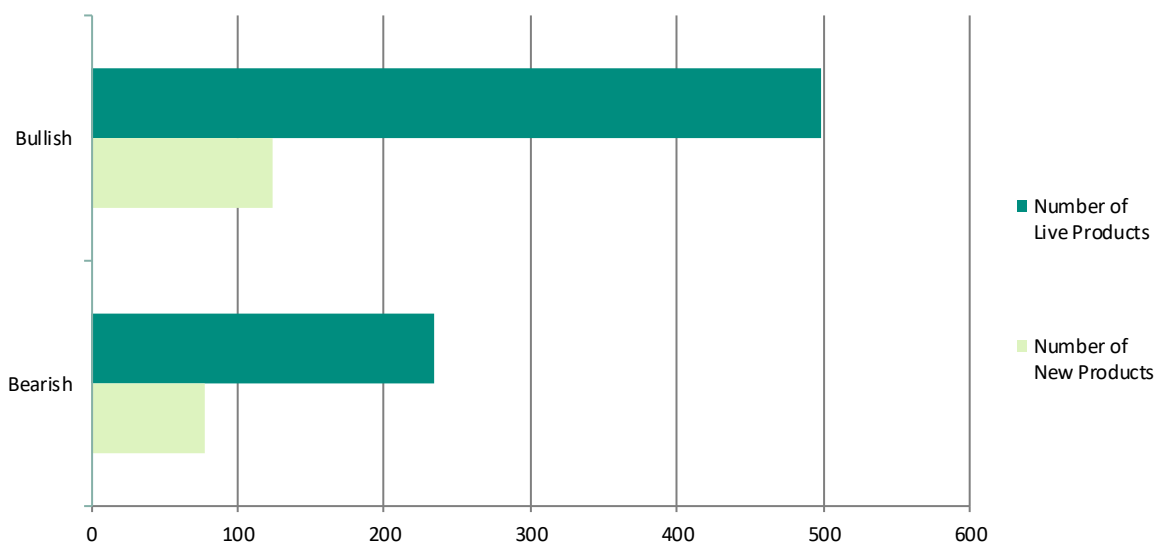
Product Overview

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	498	-3.0%	-8.4%	68.1%	124	41%	-1.7%	61.7%
Bearish	234	0.3%	-20%	31.9%	77	-17.2%	-17.4%	38.3%
Total	732	-2.0%	-12.5%	100%	201	11.0%	-8.4%	100%

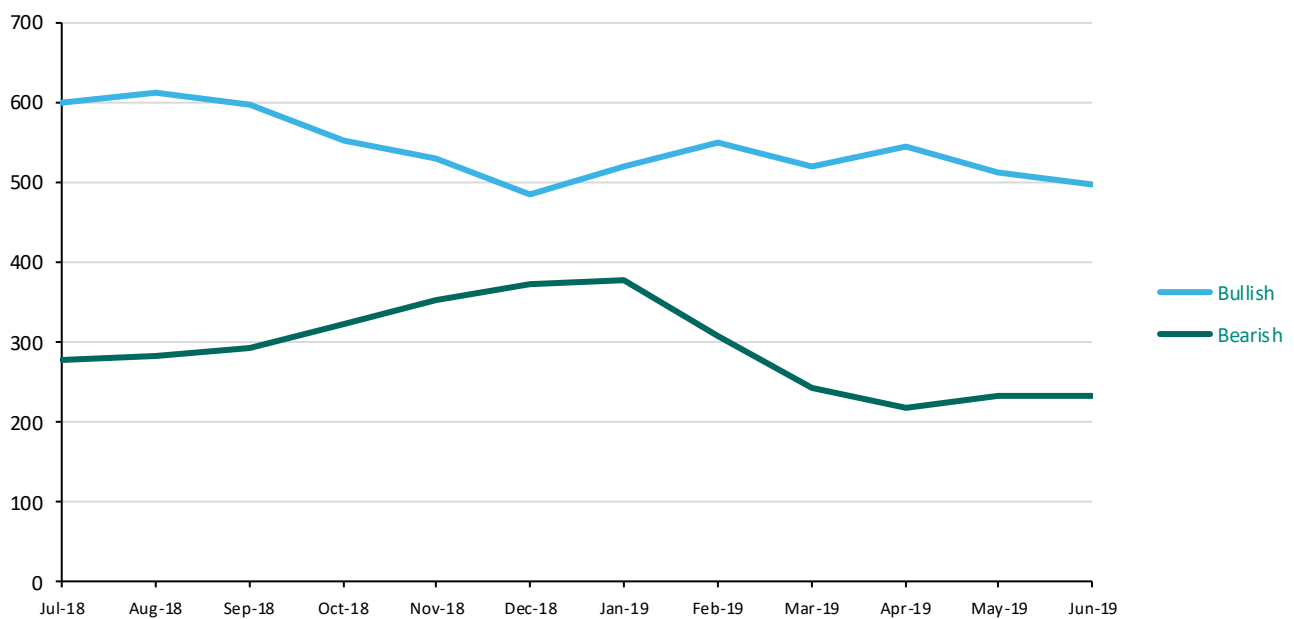
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PRODUCT STRATEGIES

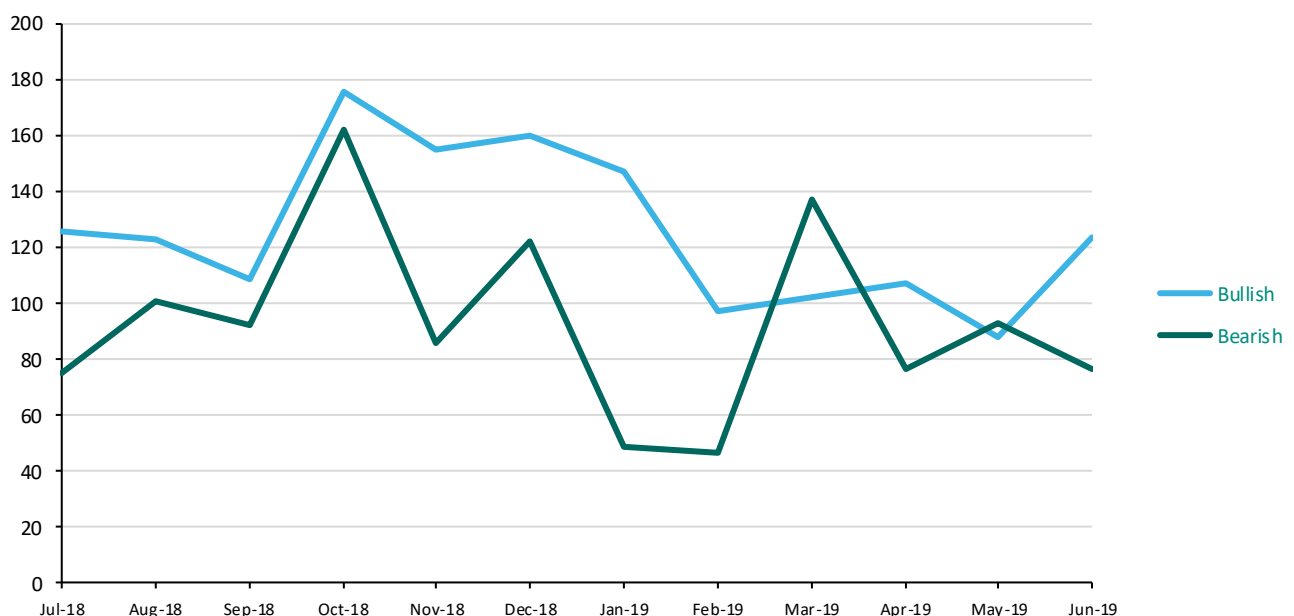
Product Trend: Number of Live Products

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

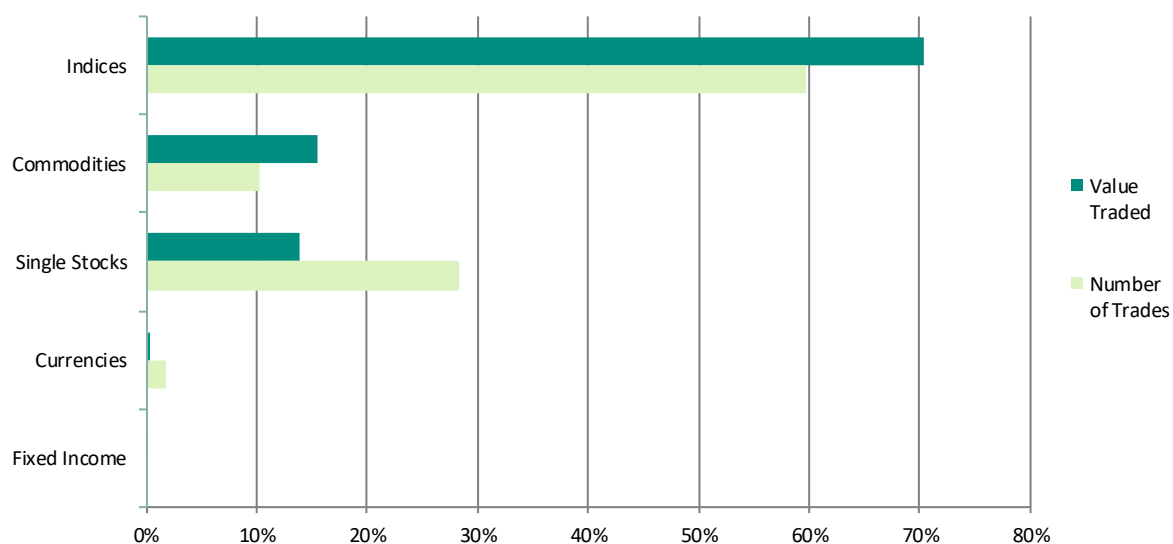
Market Overview

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	219	-29%	-46%	70.4%	110	-25.9%	-22.4%	59.7%
Commodities	48	-14.2%	-51%	15.4%	19	-69.3%	-74.1%	10.3%
Single Stocks	43	404%	-17.8%	13.8%	52	578.9%	272.2%	28.2%
Currencies	1	297%	-60%	0.4%	3.2	11.8%	-2.8%	1.7%
Fixed Income	0		456%	0.0%	0.2		852.5%	0.1%
Total	311	-16.6%	-44.2%	100%	185	-16.5%	-20.6%	100%

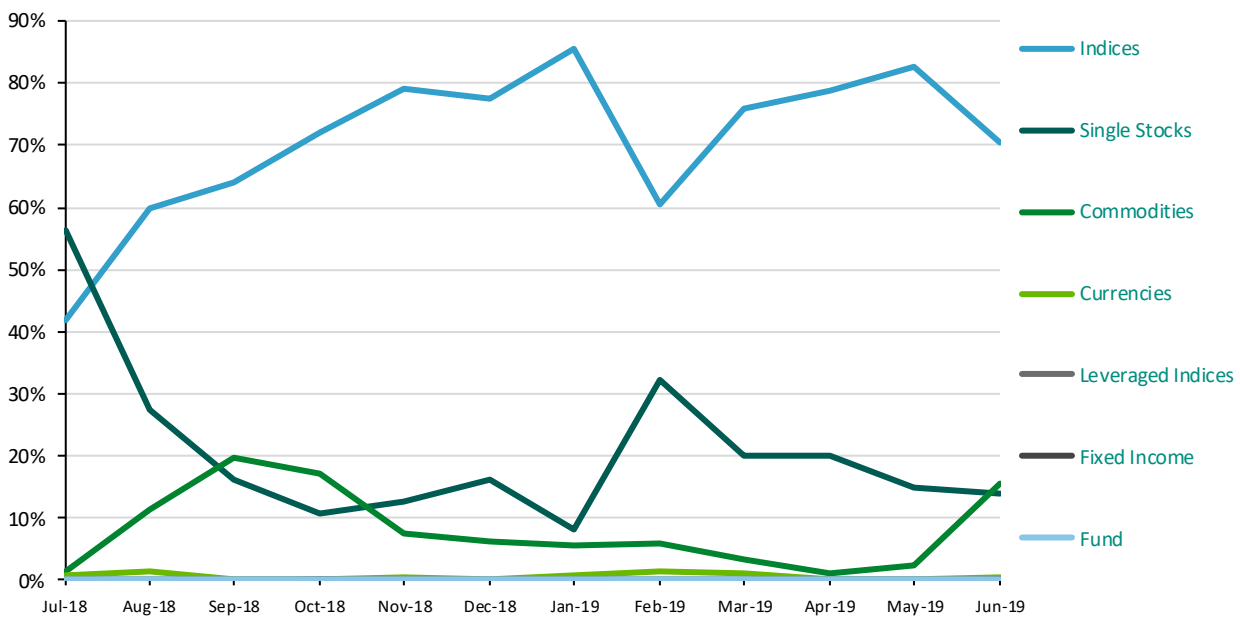
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UNDERLYING TYPES

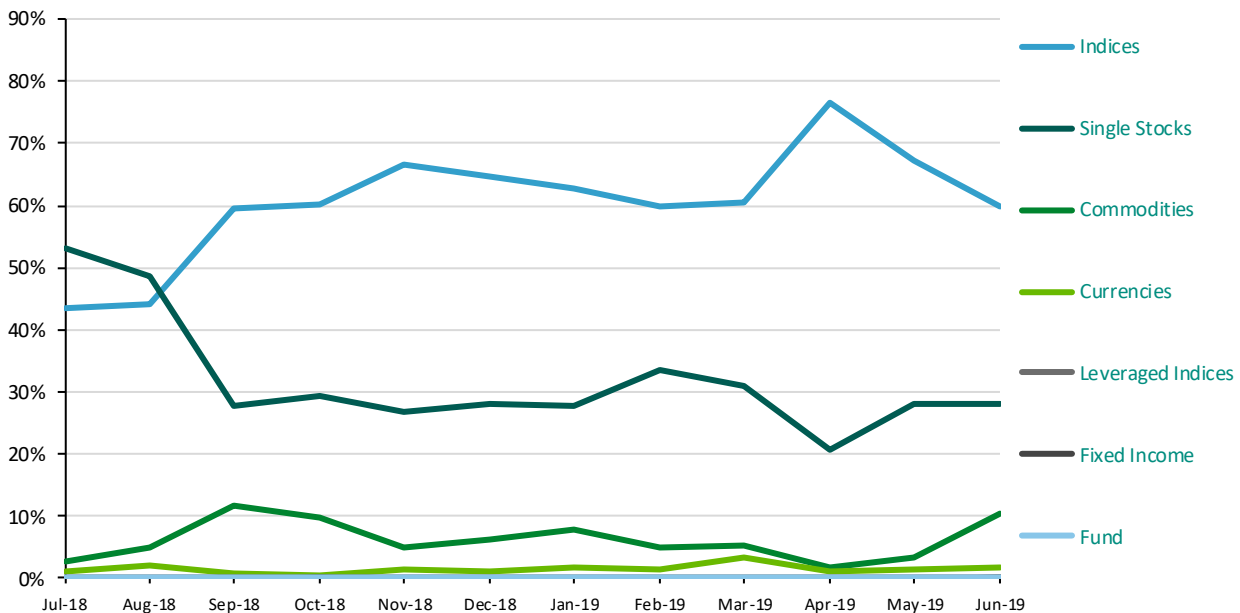
Market Trend: Value traded

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

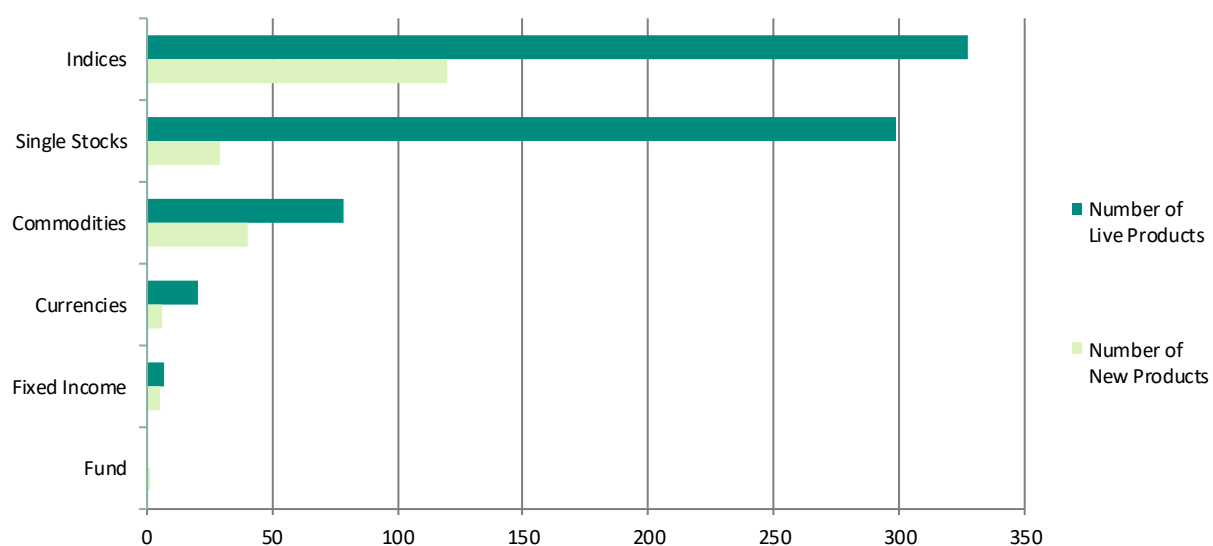
Product Overview

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	328	-1.7%	-10.9%	44.7%	120	-7.0%	-12.9%	59.7%
Single Stocks	299	-3.0%	-13.3%	40.8%	29	16.0%	-32%	14.4%
Commodities	78	1.1%	-12.5%	10.7%	40	67%	24%	19.9%
Currencies	20	-3.4%	-28%	2.8%	6	200%	10.8%	3.0%
Fixed Income	7	3.6%	4.0%	1.0%	5		NA	2.5%
Fund	0		-100%	0.0%	1	0.0%	0.0%	0.5%
Total	732	-2.0%	-12.5%	100%	201	11.0%	-8.4%	100%

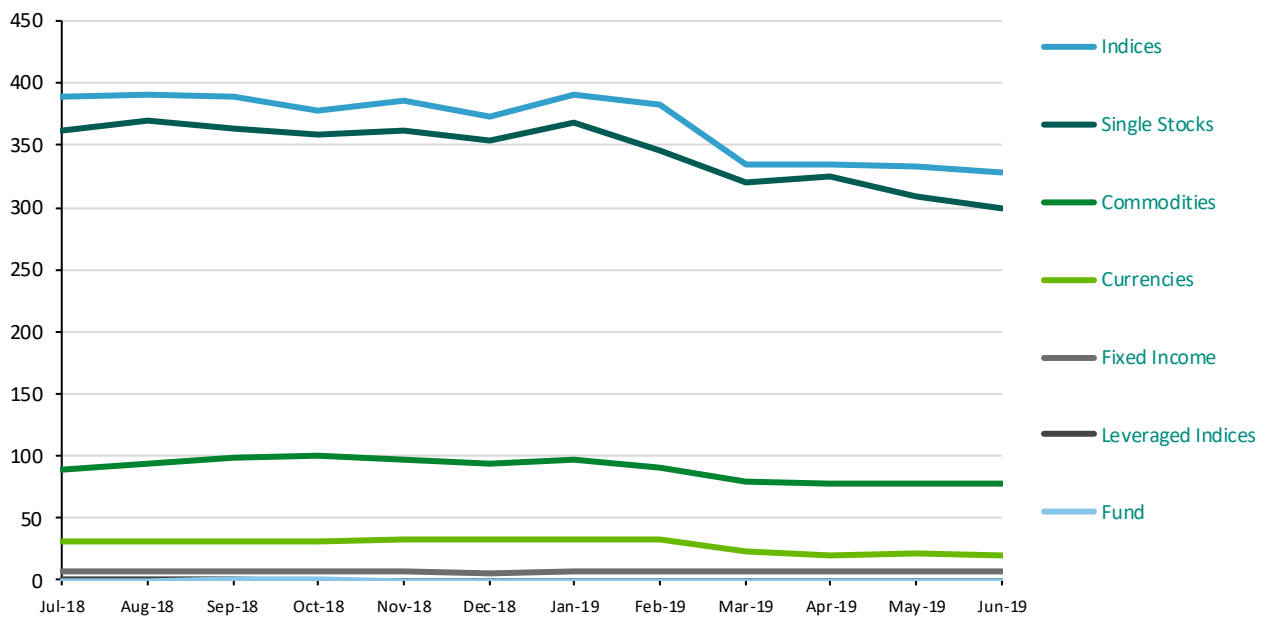
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UNDERLYING TYPES

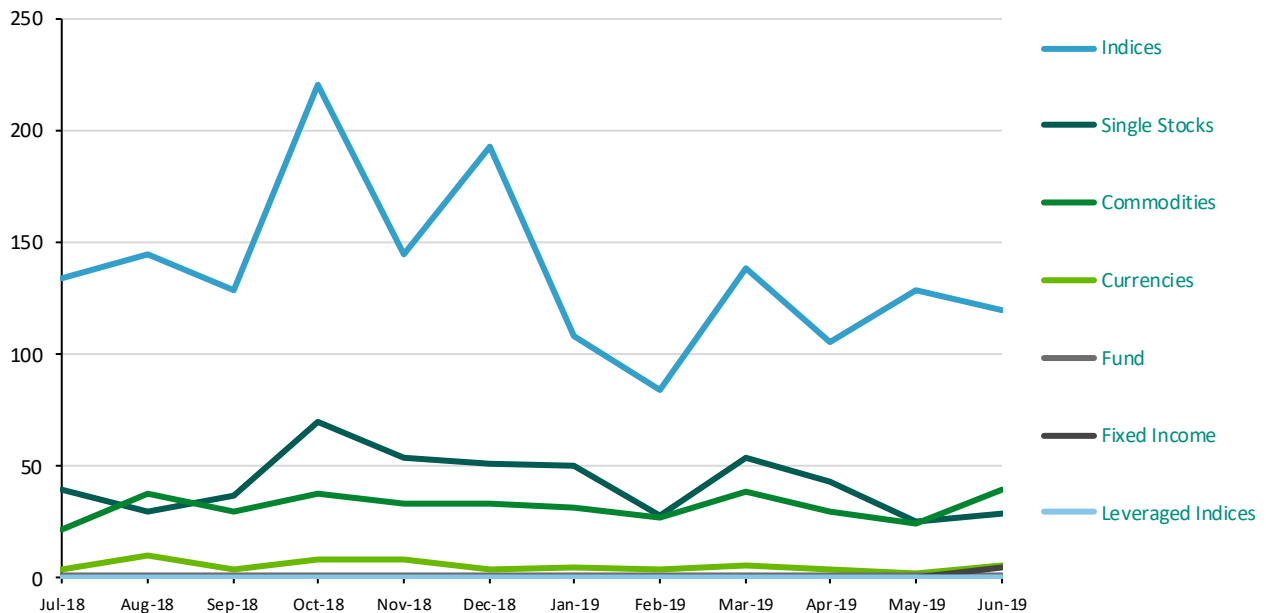
Product Trend: Number of Live Products

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

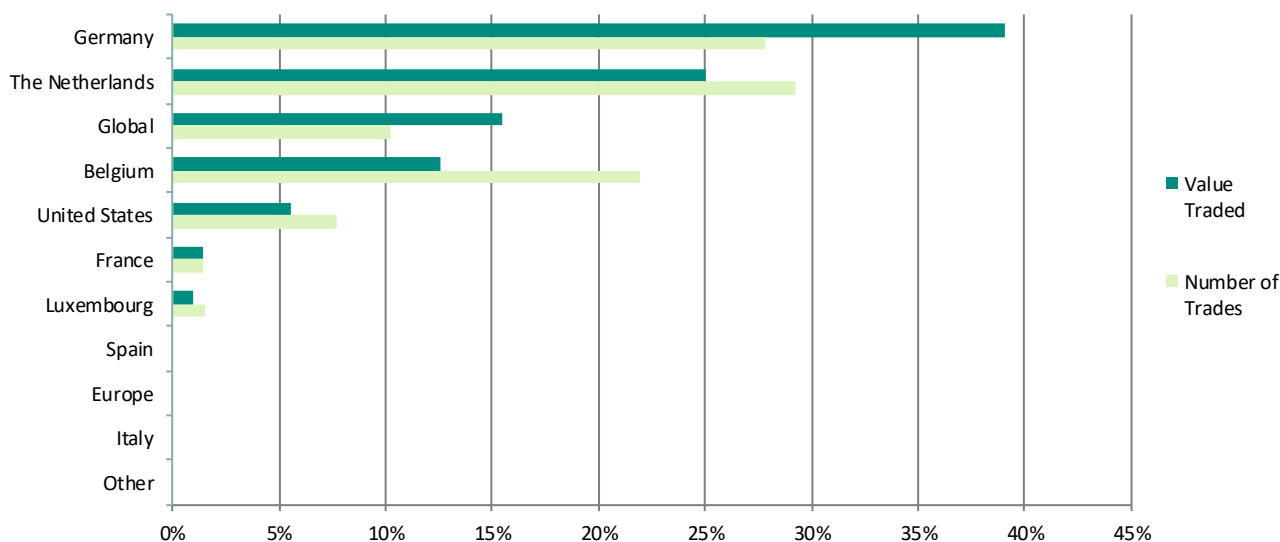
Market Overview

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	122	-3.4%	-15.4%	39.0%	51	-24.4%	-17.5%	27.8%
The Netherlands	78	-29%	-38%	25.0%	54	-17.7%	-32%	29.3%
Global	48	-37%	-39%	15.4%	19	-10.2%	1.2%	10.3%
Belgium	39	-8.8%	-49%	12.5%	41	-15.0%	189%	22.0%
United States	17	104%	-75%	5.6%	14	86%	-71%	7.7%
France	4	-12.1%	-90%	1.4%	2.6	-40%	NA	1.4%
Luxembourg	3	-35%	-80%	0.9%	2.9	-56%	-51%	1.5%
Spain	0		-100%	0.0%	0.0		-100%	0.0%
Europe	0		-100%	0.0%	0.0		-100%	0.0%
Italy	0			0.0%	0.0			0.0%
Other	0			0.0%	0.0			0.0%
Total	311	-16.6%	-44.2%	100%	185	-16.5%	-20.6%	100%

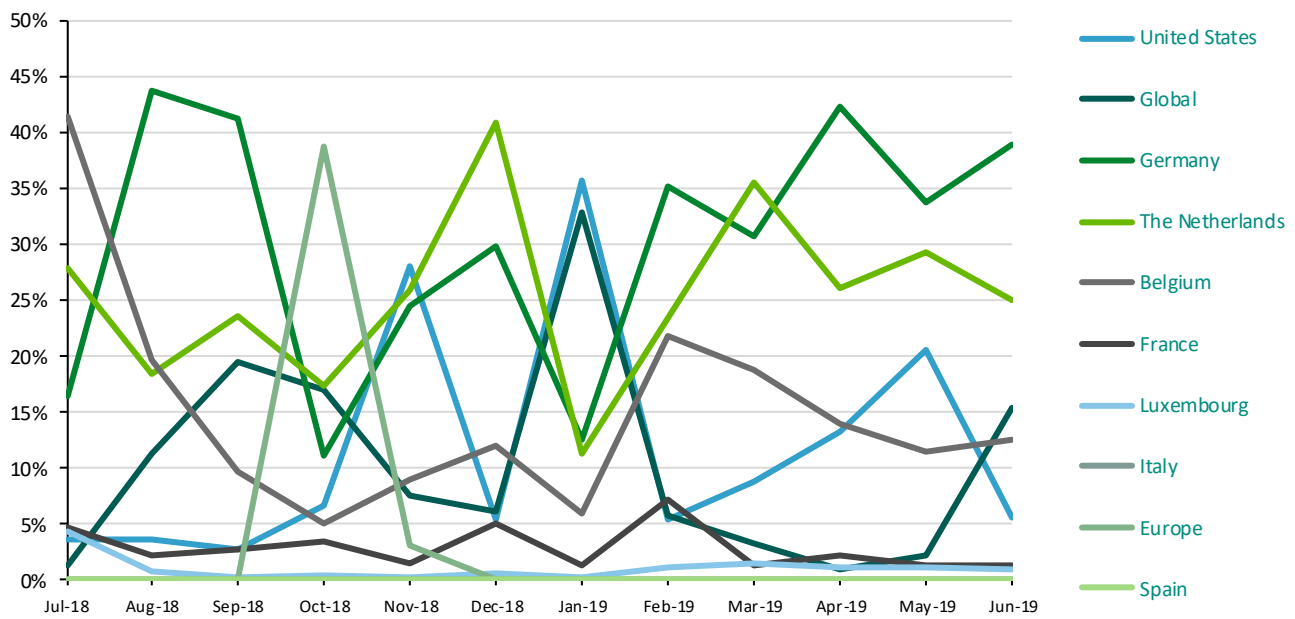
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

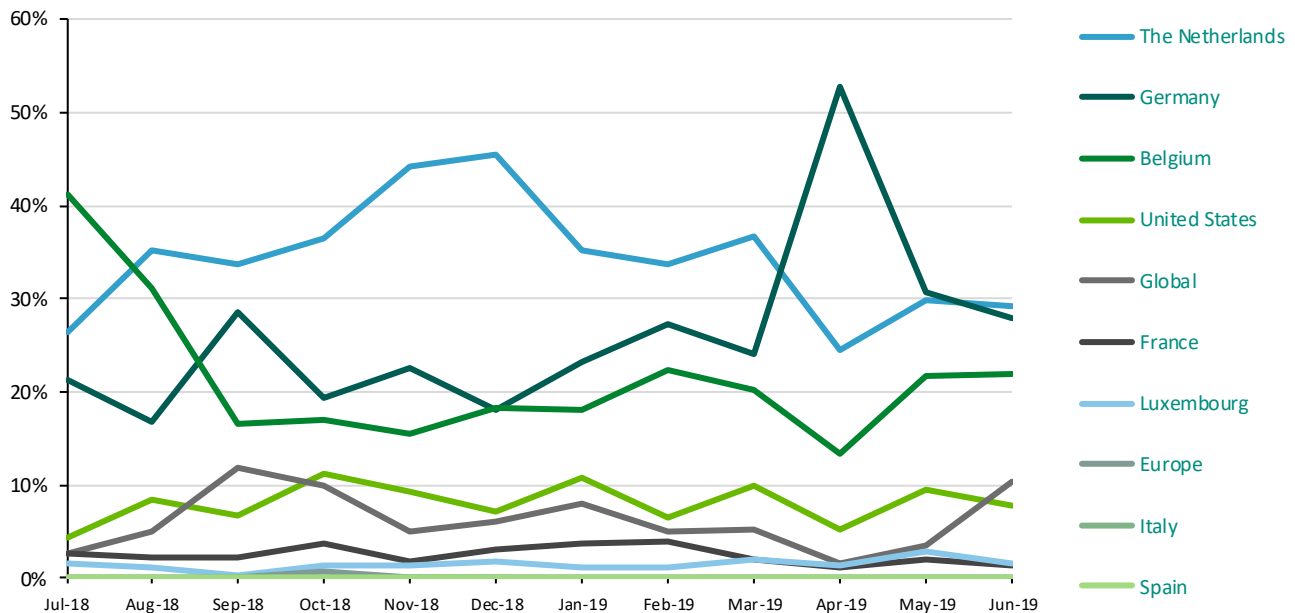
Market Trend: Value traded

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

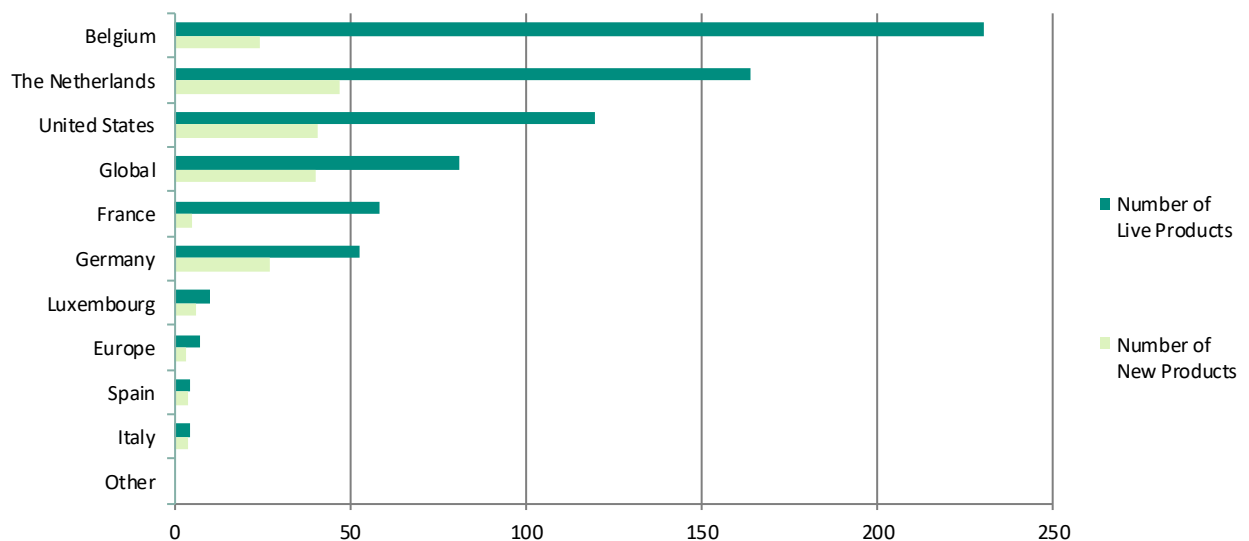
Product Overview

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	230	-2.2%	-14.6%	31.5%	24	-4.0%	-34%	11.9%
The Netherlands	164	-3.4%	-5.5%	22.4%	47	-17.5%	-25%	23.4%
United States	120	-1.3%	-7.8%	16.4%	41	17.1%	-9.4%	20.4%
Global	81	1.4%	-11.7%	11.1%	40	67%	23%	19.9%
France	58	-0.6%	-23%	7.9%	5	400%	107%	2.5%
Germany	53	-5.8%	-21%	7.2%	27	-25%	-22%	13.4%
Luxembourg	10	-1.1%	-28%	1.3%	6	200%	85%	3.0%
Europe	7	5.0%	-7.8%	1.0%	3	200%	80%	1.5%
Spain	4	5.0%	4.6%	0.6%	4		NA	2.0%
Italy	4	5.0%	5.9%	0.6%	4		NA	2.0%
Other	0	-100%	-100%	0.0%	0			0.0%
Total	732	-2.0%	-12.5%	100%	201	11.0%	-8.4%	100%

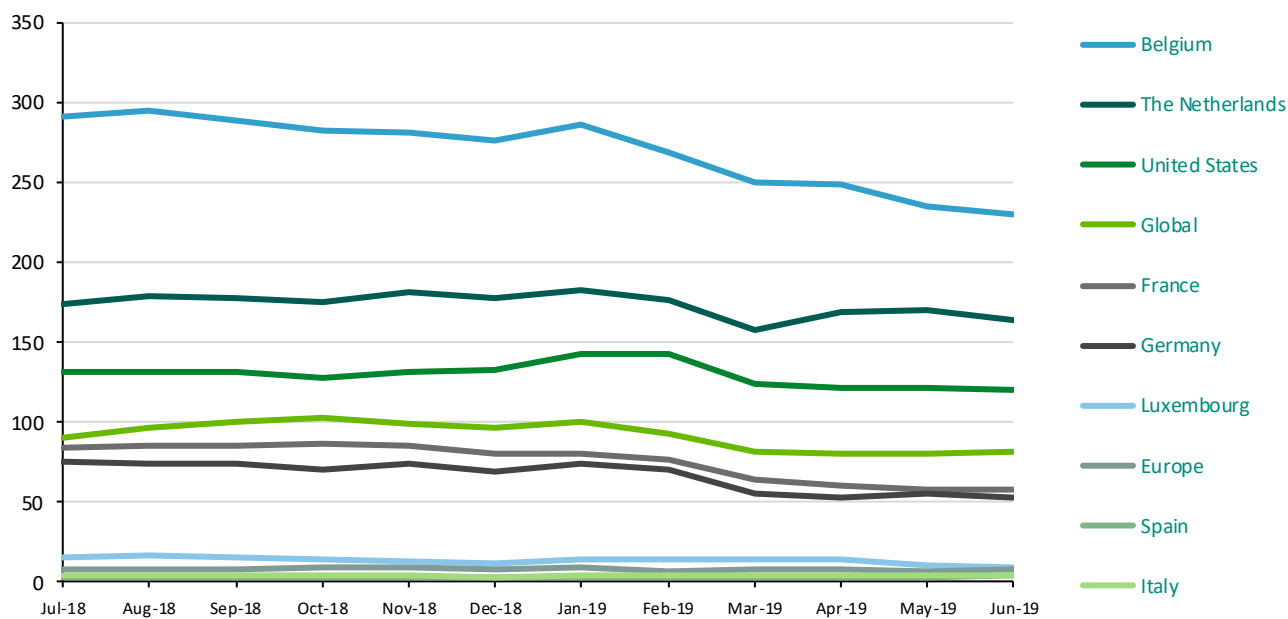
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TOP 10 UNDERLYING COUNTRIES

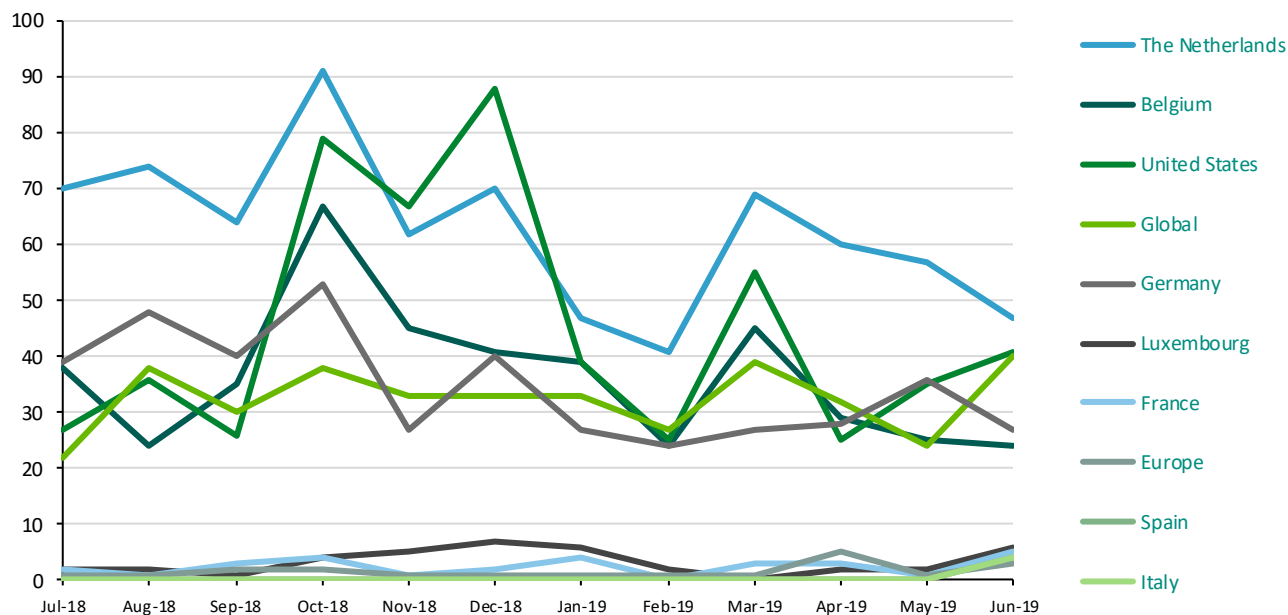
Product Trend: Number of Live Products

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

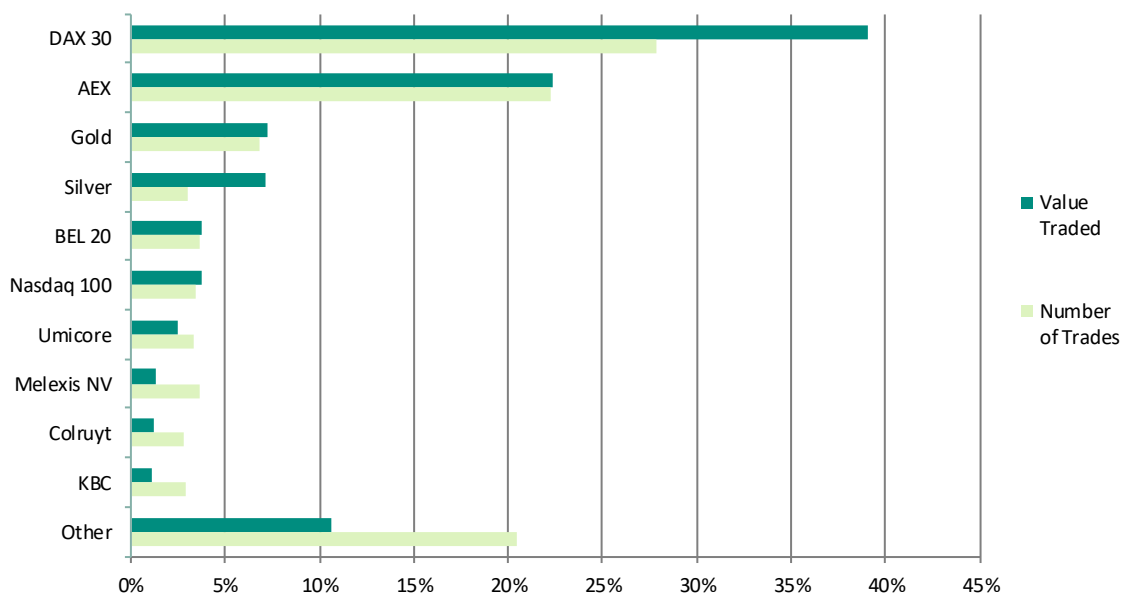
Market Overview

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	122	-3.4%	-15.4%	39.0%	51	-24.4%	-17.5%	27.8%
AEX	70	-28%	-32%	22.4%	41	-25%	-27%	22.2%
Gold	23	-64%	-62%	7.2%	13	83%	84%	6.8%
Silver	22	87%	-48%	7.2%	5.6	-49%	NA	3.0%
BEL 20	12	24%	-66%	3.8%	6.7	-13.4%	-30%	3.6%
Nasdaq 100	12	42%	-53%	3.7%	6.3	2.7%	NA	3.4%
Umicore	8	9.4%	-33%	2.5%	6.1	-23%	-12.0%	3.3%
Melexis NV	4	-35%	-61%	1.4%	6.8	55%	-30%	3.7%
Colruyt	4	-37%	-66%	1.2%	5.2	-5.6%	98%	2.8%
KBC	4	-8.9%	-67%	1.1%	5.4	4.2%	-13.5%	2.9%
Other	33	-9.1%	-69%	10.6%	38	-14.4%		20.5%
Total	311	-16.6%	-44.2%	100%	185	-16.5%	-20.6%	100%

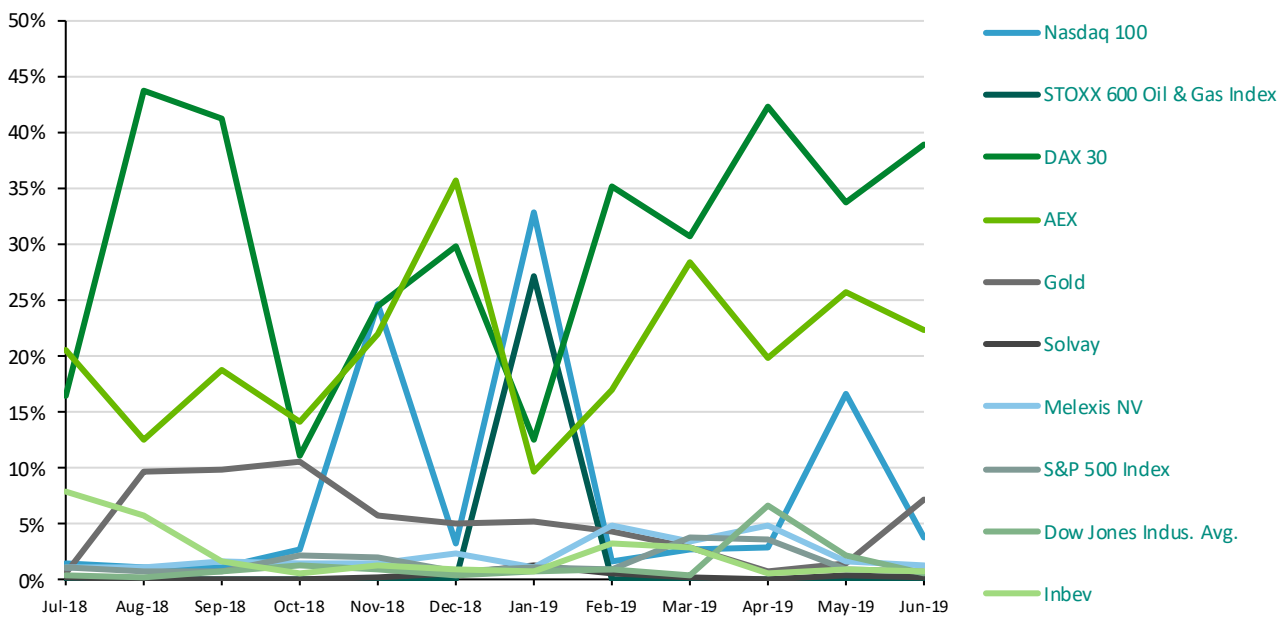
(Source Euronext)



TOP 10 UNDERLYINGS

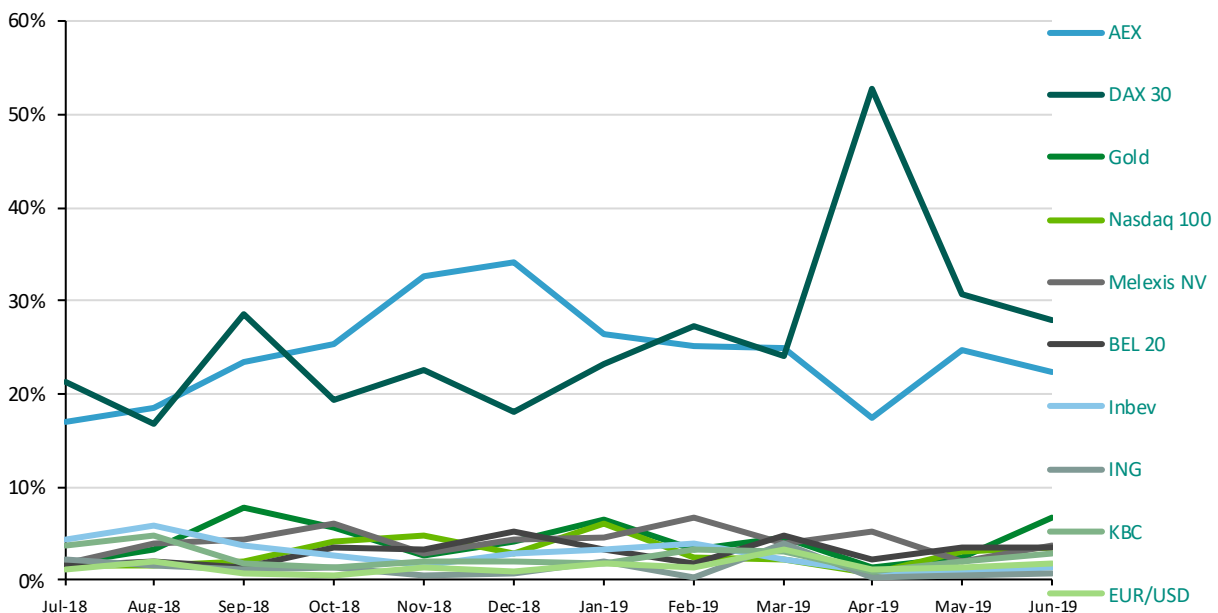
Market Trend: Value traded

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

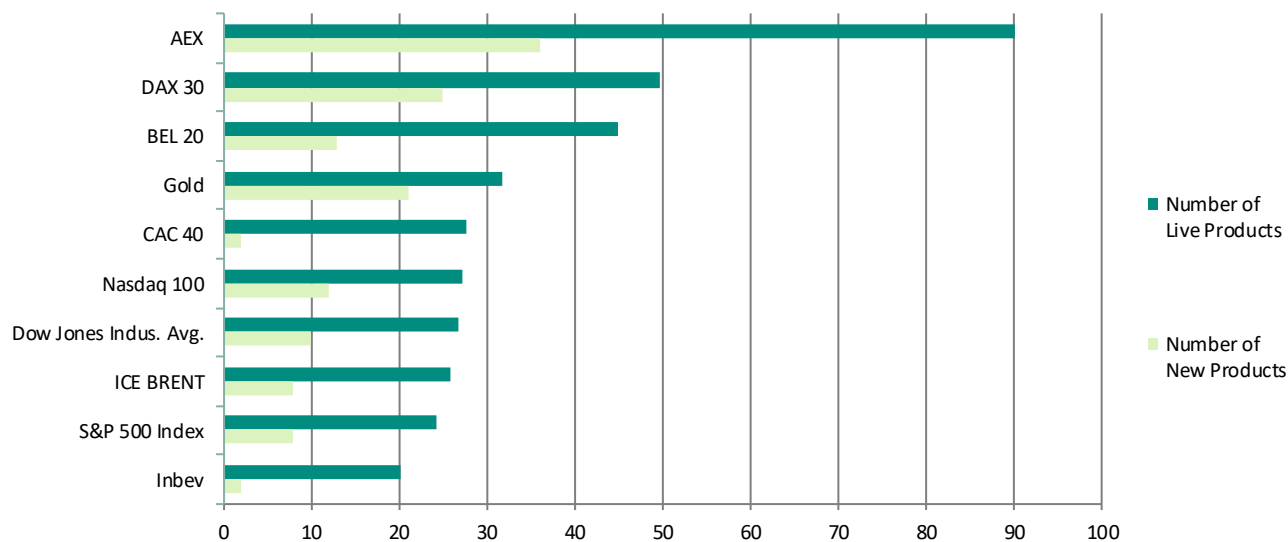
Product Overview

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	90	-1.3%	-6.8%	12.3%	36	-25%	-26%	17.9%
DAX 30	50	-6.3%	-22%	6.8%	25	-31%	-28%	12.4%
BEL 20	45	-2.0%	-18.0%	6.1%	13	8.3%	2.6%	6.5%
Gold	32	2.9%	-7.4%	4.3%	21	110%	47%	10.4%
CAC 40	28	-1.1%	-22%	3.8%	2		140%	1.0%
Nasdaq 100	27	-1.4%	-1.5%	3.7%	12	-7.7%	-23%	6.0%
Dow Jones Indus. Avg.	27	-1.6%	2.2%	3.7%	10	-29%	-24%	5.0%
ICE BRENT	26	5.7%	7.6%	3.5%	8	100%	41%	4.0%
S&P 500 Index	24	-1.4%	-7.8%	3.3%	8	33%	-19.3%	4.0%
Inbev	20	-3.4%	-0.6%	2.8%	2		-27%	1.0%
Other	364	-2.5%	-15.0%	49.7%	64		3.9%	31.8%
Total	732	-2.0%	-12.5%	100%	201	11.0%	-8.4%	100%

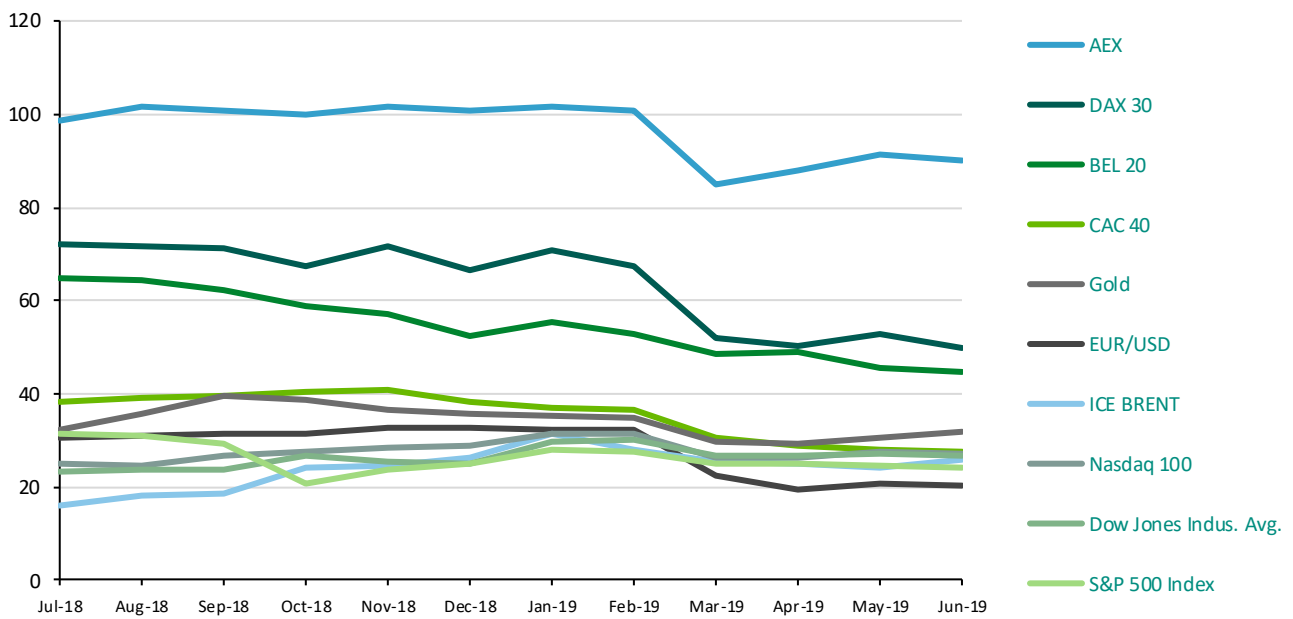
(Source Euronext)



TOP 10 UNDERLYINGS

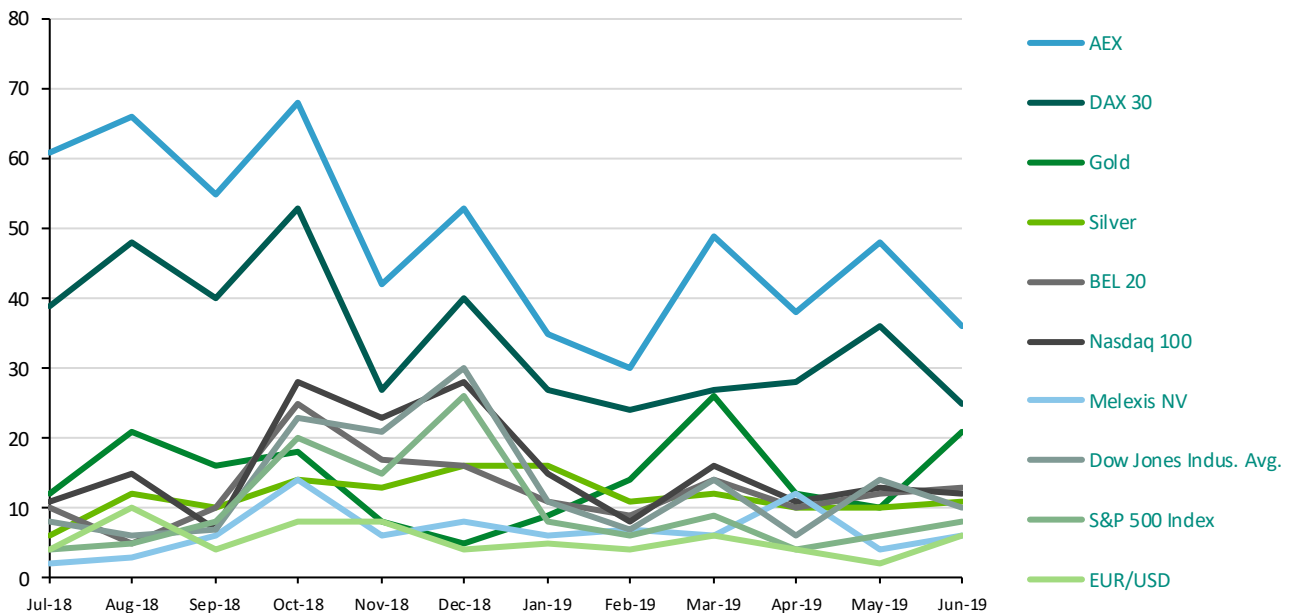
Product Trend: Number of Live Products

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
DE000CJ3LGC0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	928	184
DE000CJ3LEK8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	918	260
DE000CN1W7N4	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	828	144
DE000CJ3LSS1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	374	112
DE000CJ3K837	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	367	70
DE000CJ3LPT5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	353	240
DE000CJ3LSE1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	341	162
DE000CJ3LN25	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	304	126
DE000CJ3LUJ6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	301	120
DE000CJ3LS12	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	299	244
DE000CJ3LLC0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	286	146
DE000CJ3LUE7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	281	154
DE000CJ3LTG4	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	250	144
DE000CJ3LUD9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	249	40
DE000CJ3LDH6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	248	160
DE000CJ3LLS6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	241	116
DE000CJ3LSY9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	218	82
DE000CJ3LU18	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	201	122
DE000CJ3LQM8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	195	106
DE000CN914N7	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	166	46
DE000CJ3LPV1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	158	40
DE000CJ3LRU9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	146	76
DE000CJ3LQD7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	128	94
DE000CJ3LUN8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	116	82
DE000CJ3LQ14	Commerzbank	2205	Open-End Knock-Out Warrants	ICE BRENT	116	12
DE000CJ3LQA3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	110	78
DE000CJ3LQP1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	105	46
DE000CJ3LPG2	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	99	60
DE000CN912F7	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	95	84
DE000CJ3KLC2	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	94	8
DE000CJ3LSZ6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	92	82
DE000CJ3LD01	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	90	28
DE000CA1SMF9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	83	16
DE000CJ3LUQ1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	83	48
DE000CJ3LU83	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	82	26
DE000CJ3KY64	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	77	96
DE000CJ3K340	Commerzbank	2210	Mini-Futures	BEL 20	73	12
DE000CE732E3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	73	92
DE000CJ3K1B2	Commerzbank	2205	Open-End Knock-Out Warrants	Bruxelles Lambert	70	22
DE000CJ3LUB3	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	61	24
DE000CJ3LVG0	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	61	36
DE000CJ3LRA1	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	60	34
DE000CJ3LD50	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	59	24
DE000CN8ZWN7	Commerzbank	2205	Open-End Knock-Out Warrants	Arcelormittal	59	44
DE000CJ3LQW7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	59	40
LU1835956795	KBC	2100	Warrants	Axa	57	4
DE000CJ3LLW8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	54	20
DE000CJ3LRT1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	53	20
DE000CJ3LQ55	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	53	20
DE000CJ3LS53	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	52	20

(Source Euronext)



Euronext Lisbon

ISSUERS

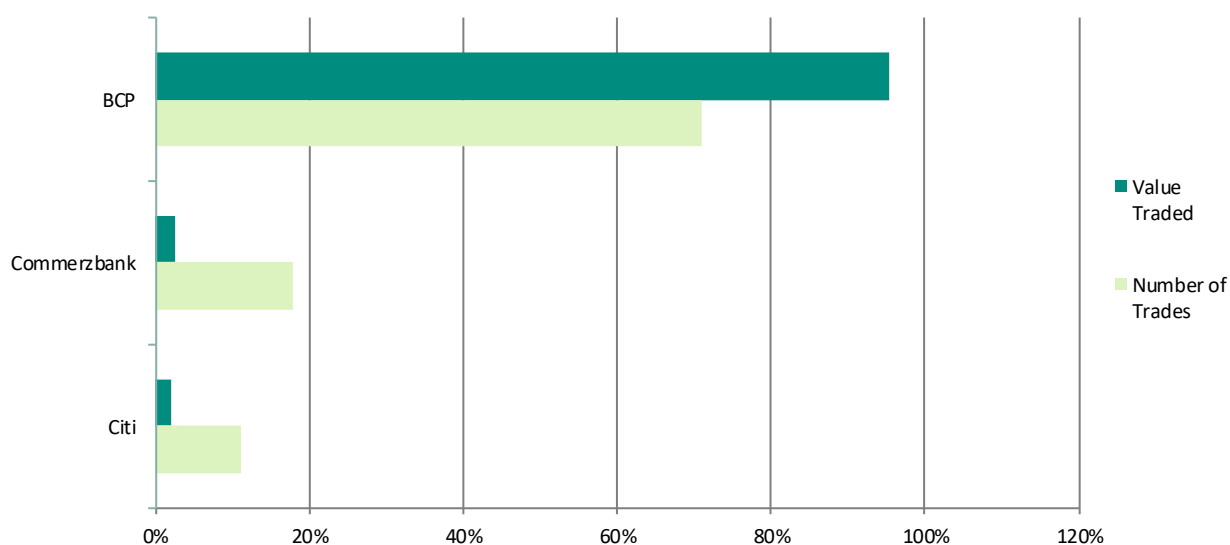
Market Overview

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	4,324	-8.8%	35%	95.3%	254	-28.8%	3.5%	71.1%
Commerzbank	118	-33%	-46%	2.6%	63	19.0%	-15.4%	17.7%
Citi	93	-41%	-44%	2.1%	40	-48.9%	-7.2%	11.2%
Total	4,536	-10.6%	25.9%	100%	357	-26.8%	-1.7%	100%

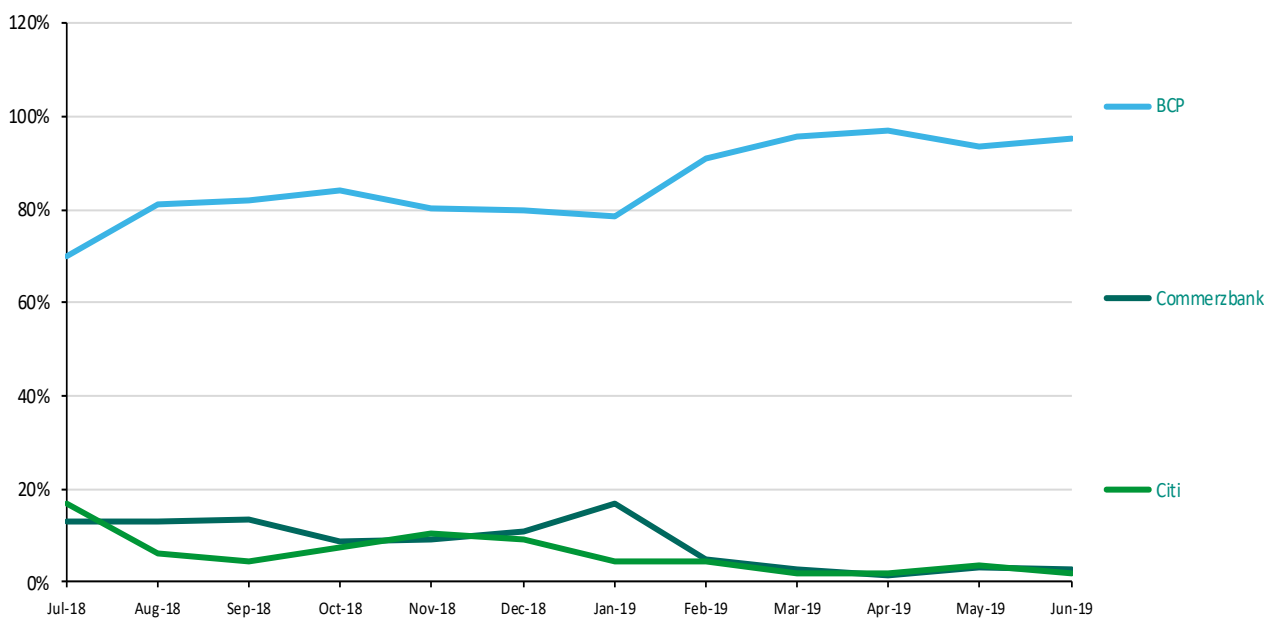
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ISSUERS

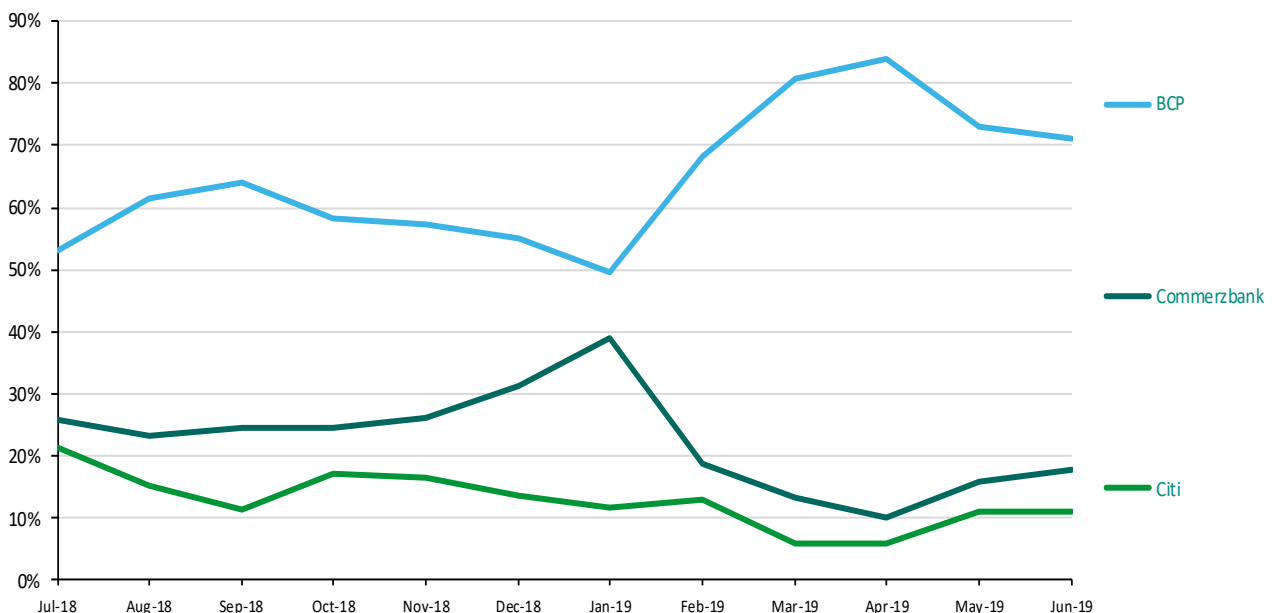
Market Trend: Value traded

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

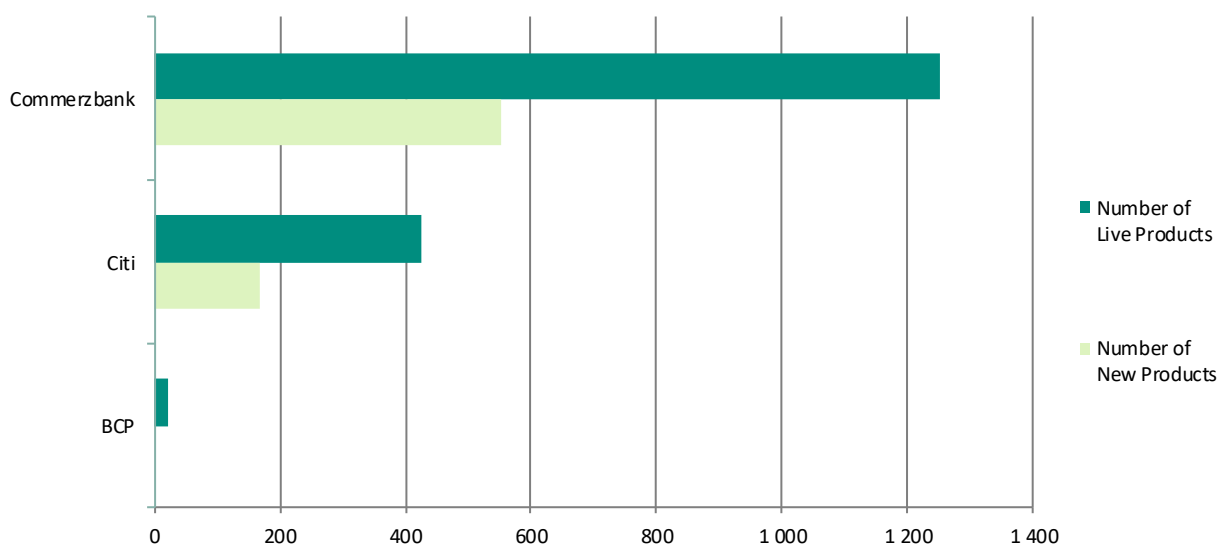
Product Overview

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	1,254	17.1%	13.7%	73.7%	553	174%	118%	76.8%
Citi	426	-11.4%	12.7%	25.1%	167	117%	43%	23.2%
BCP	22	0.0%	0.1%	1.3%	0			0.0%
Total	1,702	8.1%	13.3%	100%	720	158.1%	94.2%	100%

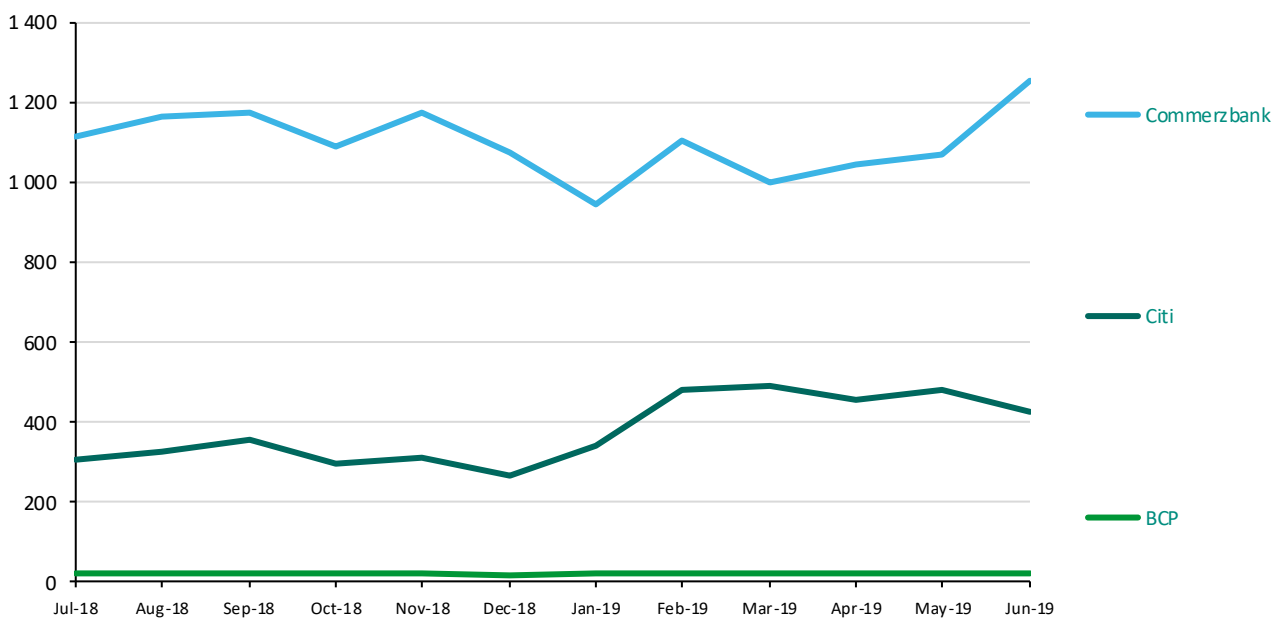
(Source Euronext)



ISSUERS

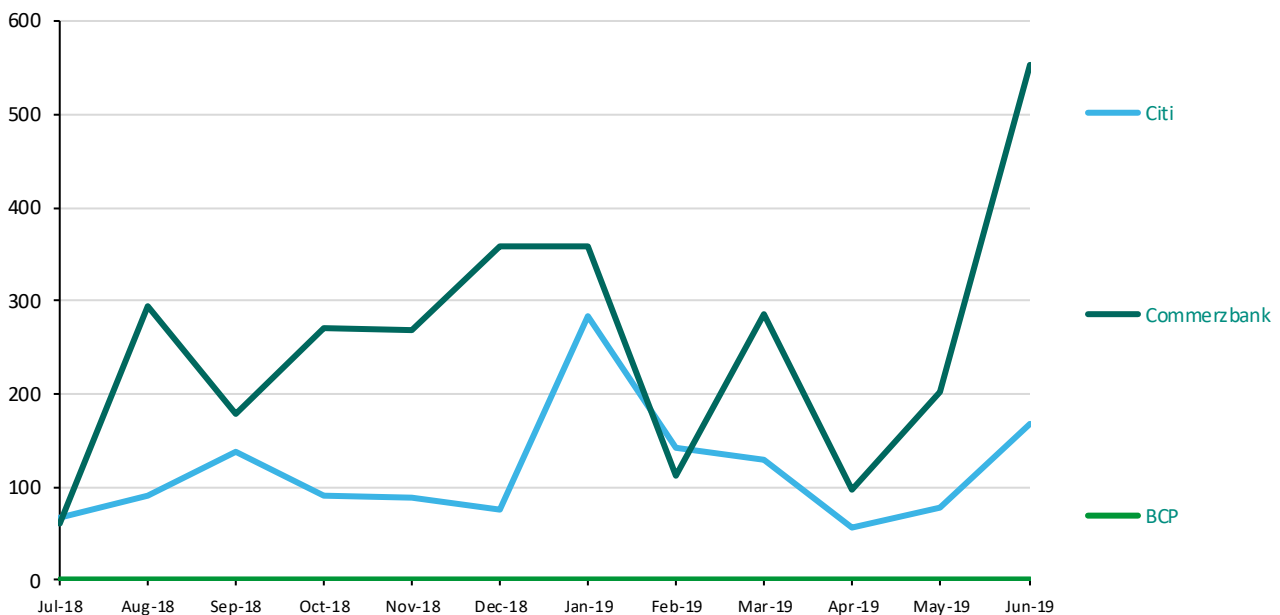
Product Trend: Number of Live Products

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)

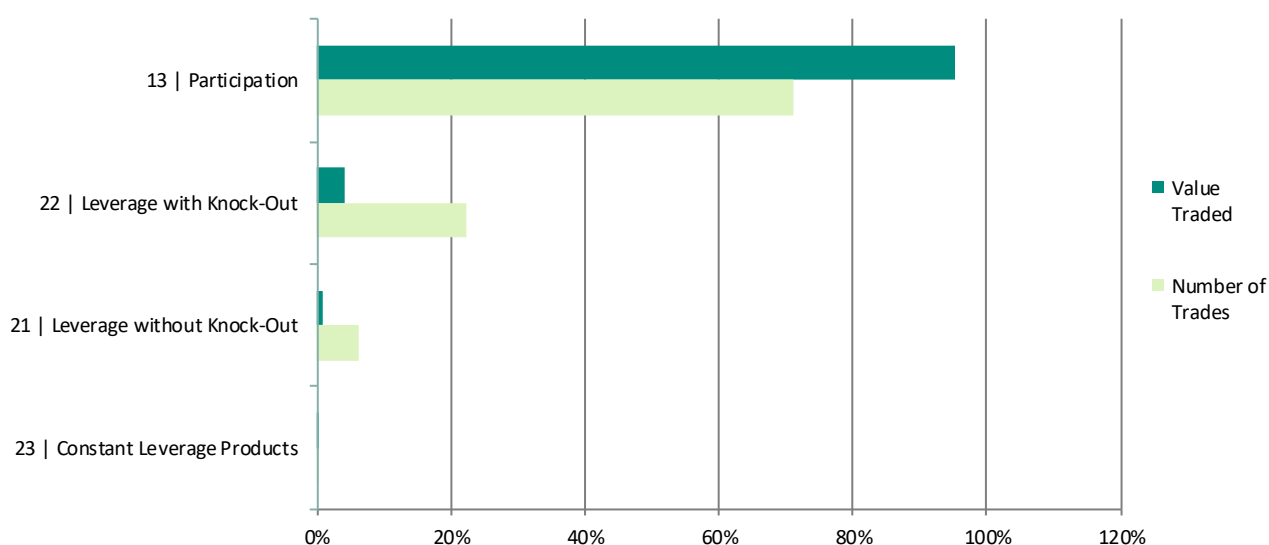
Market Overview

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	4,324	-8.8%	35%	95.3%	254	-28.8%	3.5%	71.1%
22 Leverage with Knock-Out	179	-21%	-40%	4.0%	80	-6.4%	-5.2%	22.3%
21 Leverage without Knock-Out	31	-70%	-62%	0.7%	22	-49.4%	-30.8%	6.2%
23 Constant Leverage Products	1	-81%	-79%	0.0%	1.3	-40.4%	-19.5%	0.4%
Total	4,536	-10.6%	25.9%	100%	357	-26.8%	-1.7%	100%

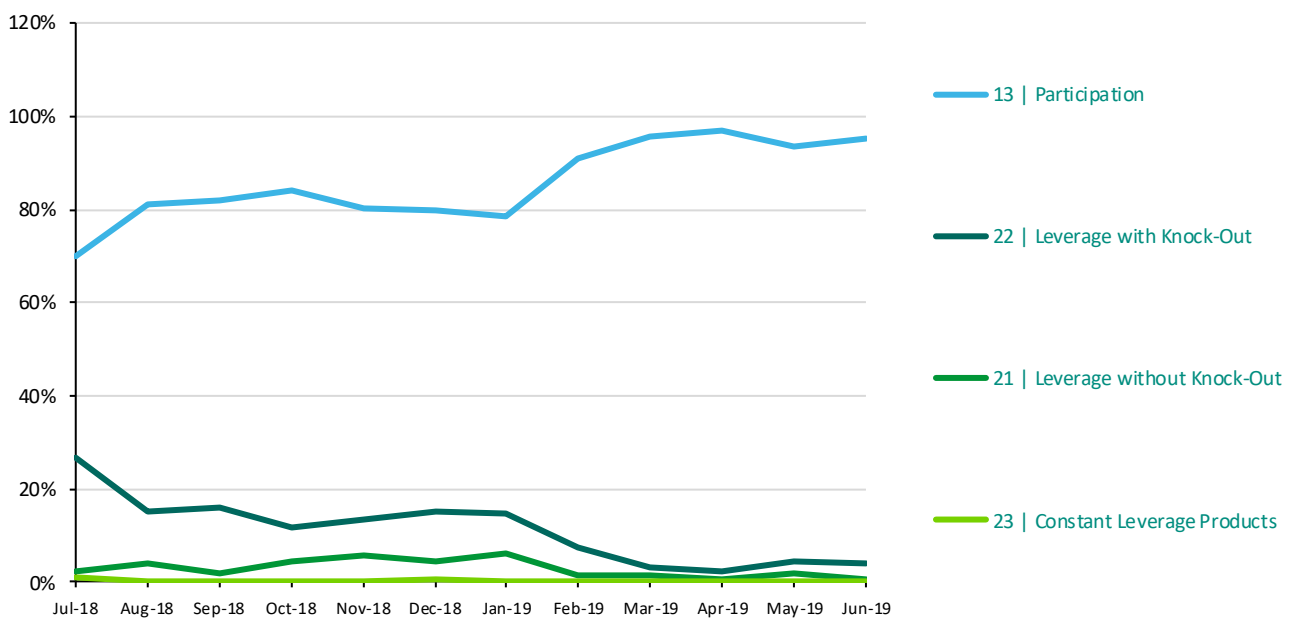
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

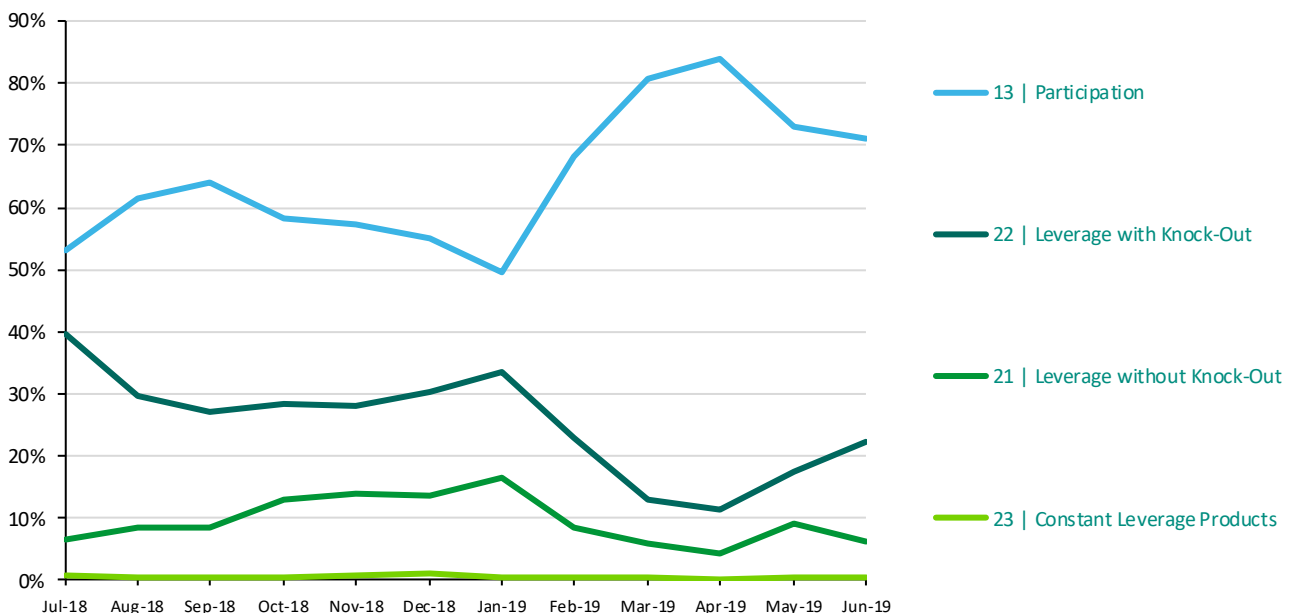
Market Trend: Value traded

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)

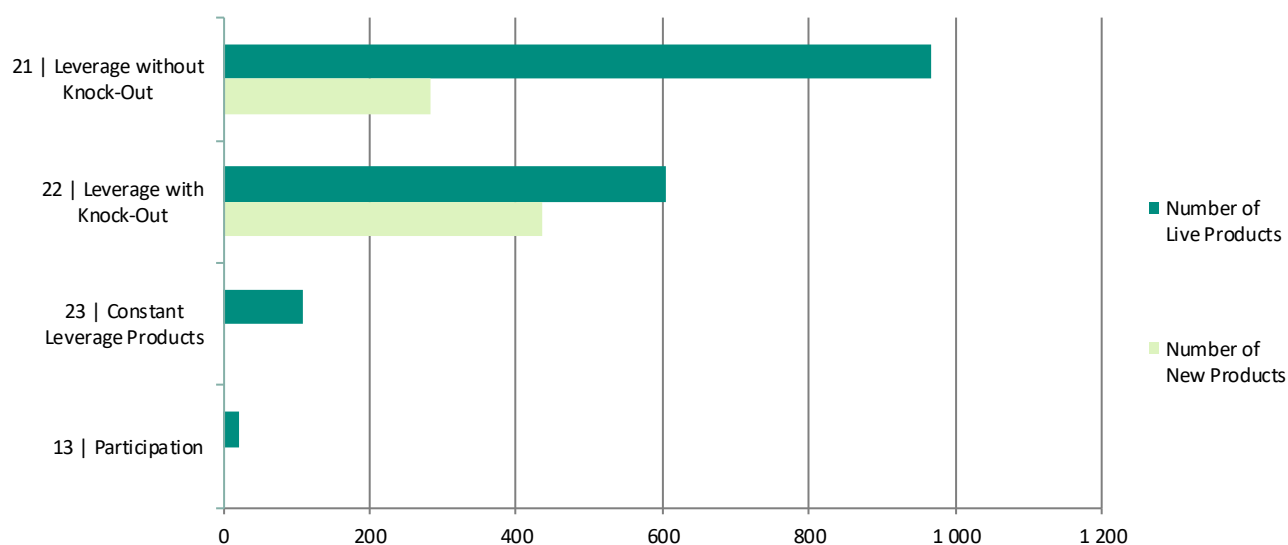
Product Overview

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	966	1.2%	10.3%	56.8%	284	560%	183%	39.4%
22 Leverage with Knock-Out	605	24%	31%	35.5%	436	85%	65%	60.6%
23 Constant Leverage Products	109	-2.1%	-23%	6.4%	0		-100%	0.0%
13 Participation	22	0.0%	0.1%	1.3%	0			0.0%
Total	1,702	8.1%	13.3%	100%	720	158.1%	94.2%	100%

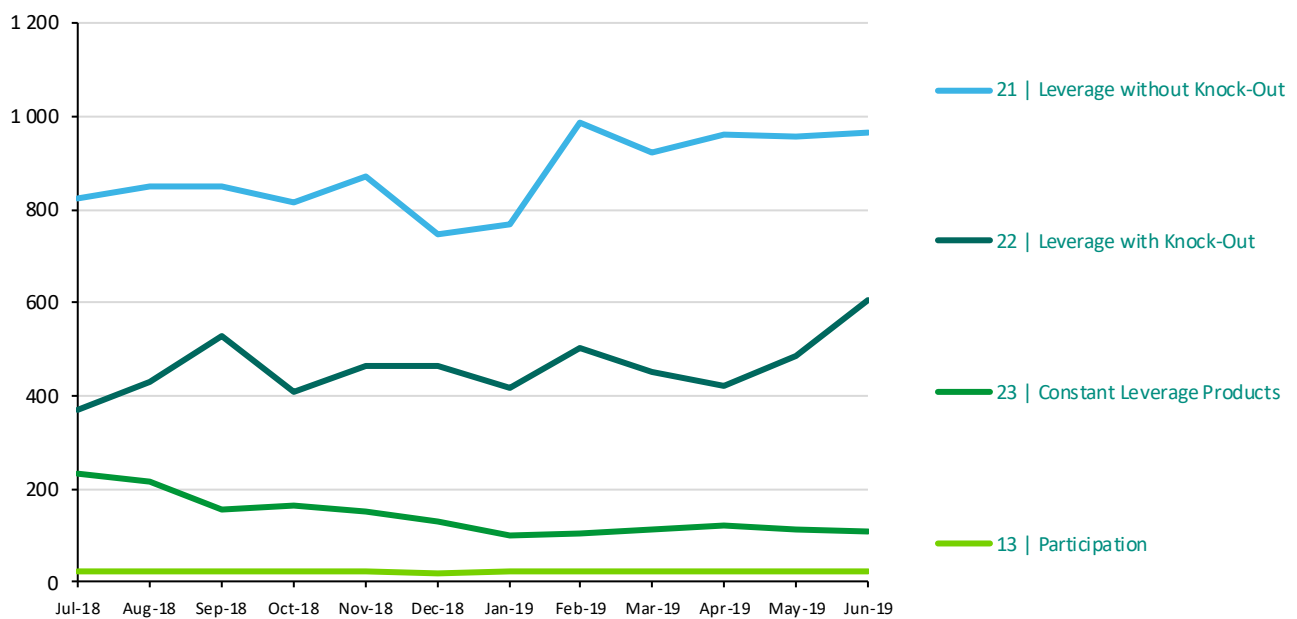
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

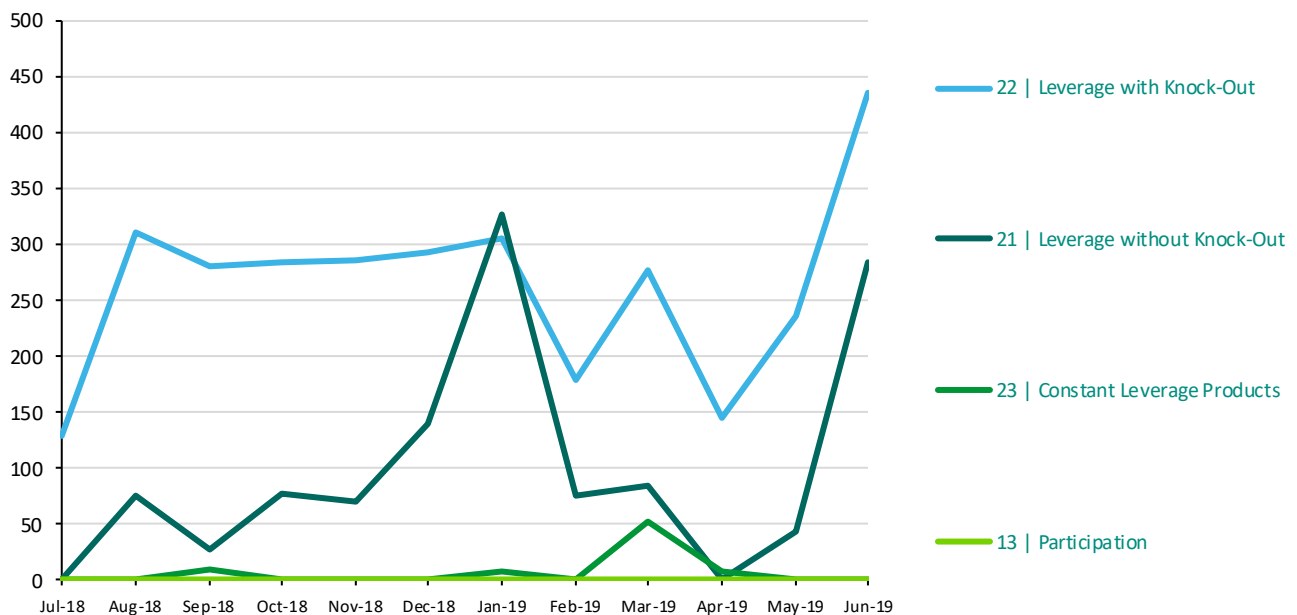
Product Trend: Number of Live Products

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)

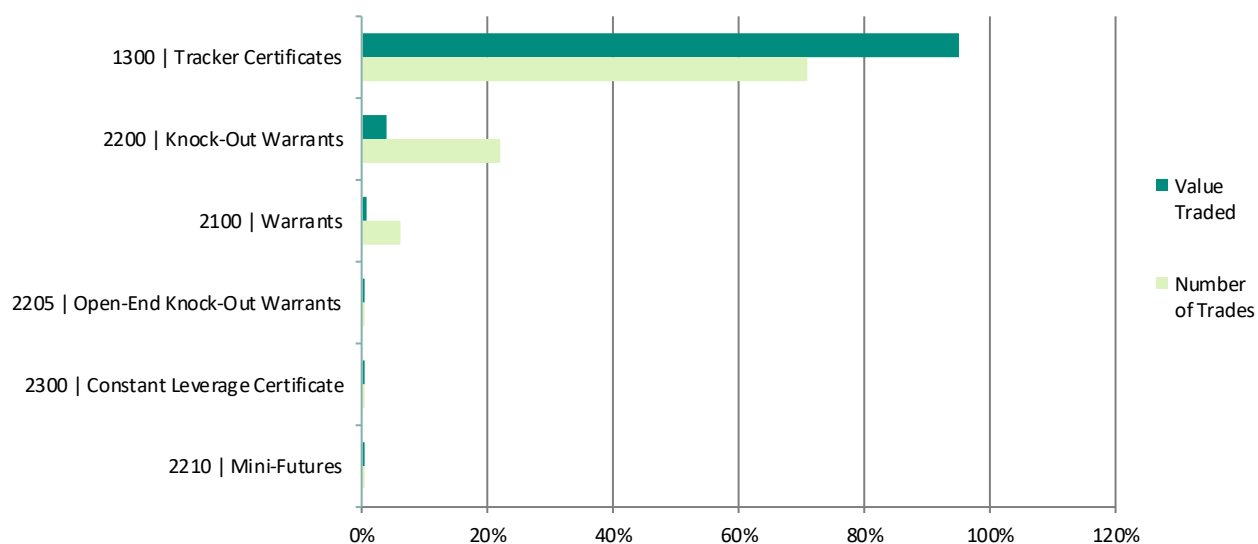
Market Overview

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	4,324	-8.8%	35%	95.3%	254	-28.8%	3.5%	71.1%
2200 Knock-Out Warrants	177	-22%	-40%	3.9%	78	-7.2%	-5.6%	21.9%
2100 Warrants	31	-70%	-62%	0.7%	22	-49%	-31%	6.2%
2205 Open-End Knock-Out Warrants	2	-75%	-72%	0.0%	1.3	-40%	-19.5%	0.4%
2300 Constant Leverage Certificate	1	187%	-60%	0.0%	1.3	68%	39%	0.4%
2210 Mini-Futures	1		-29%	0.0%	0.1		-51%	0.0%
Total	4,536	-10.6%	25.9%	100%	357	-26.8%	-1.7%	100%

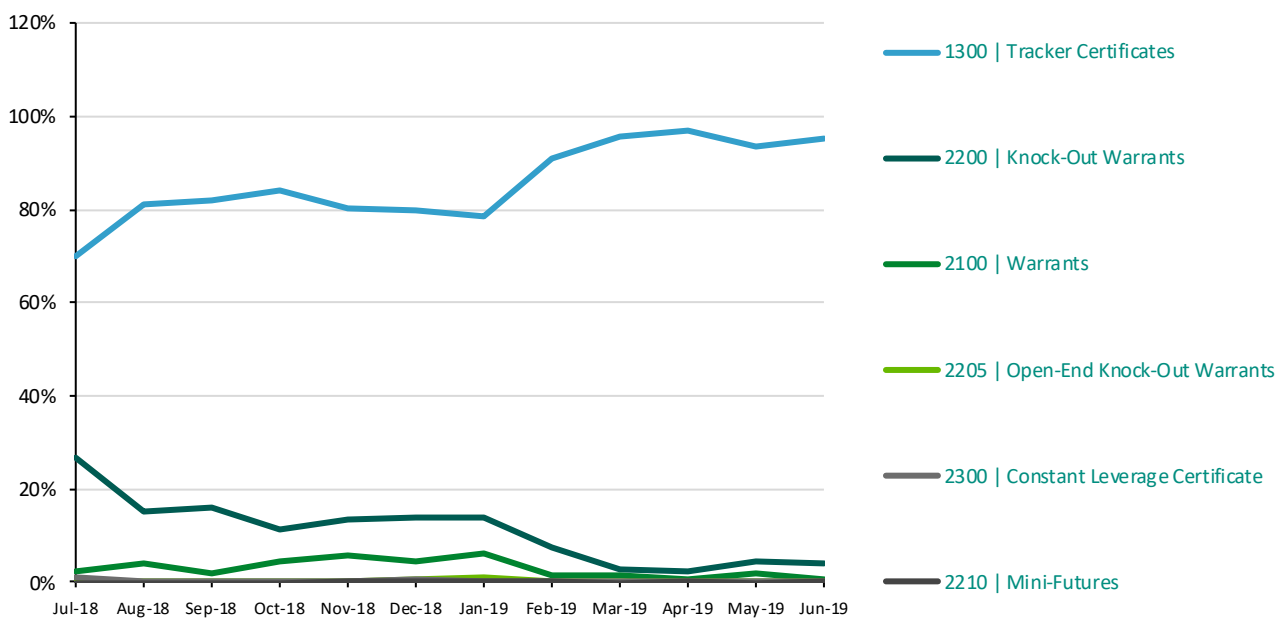
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

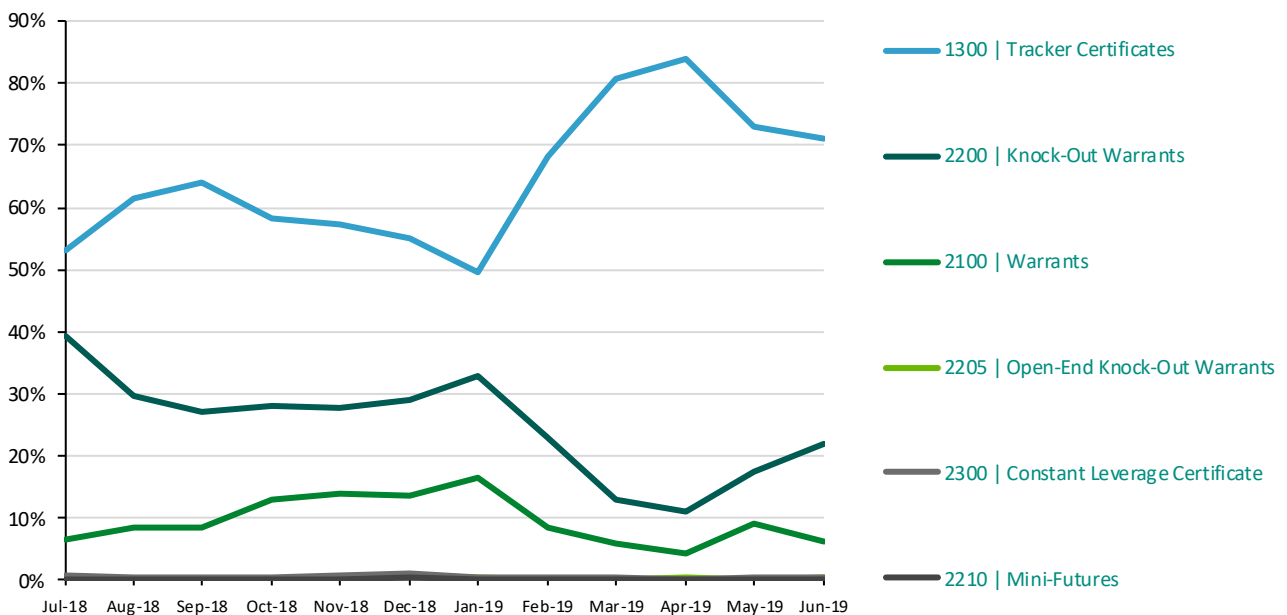
Market Trend: Value traded

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)

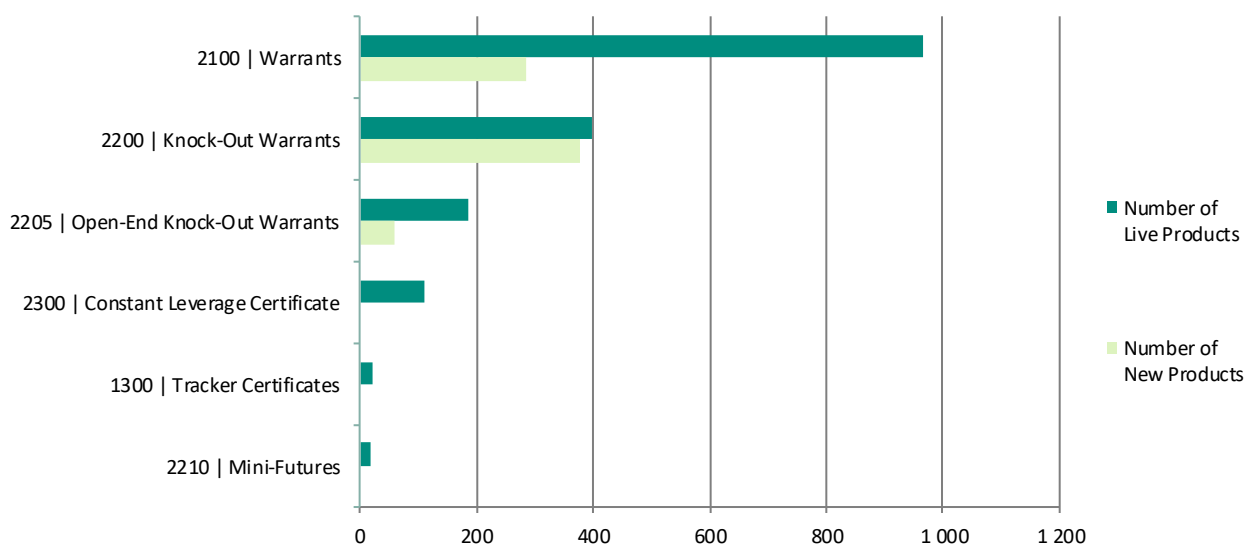
Product Overview

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	966	1.2%	10.3%	56.8%	284	560%	183%	39.4%
2200 Knock-Out Warrants	397	24%	23%	23.3%	378	88%	66%	52.5%
2205 Open-End Knock-Out Warrants	188	29%	54%	11.0%	58	66%	71%	8.1%
2300 Constant Leverage Certificate	109	-2.1%	-23%	6.4%	0		-100%	0.0%
1300 Tracker Certificates	22	0.0%	0.1%	1.3%	0			0.0%
2210 Mini-Futures	20	-2.3%	16.9%	1.1%	0		-100%	0.0%
Total	1,702	8.1%	13.3%	100%	720	158.1%	94.2%	100%

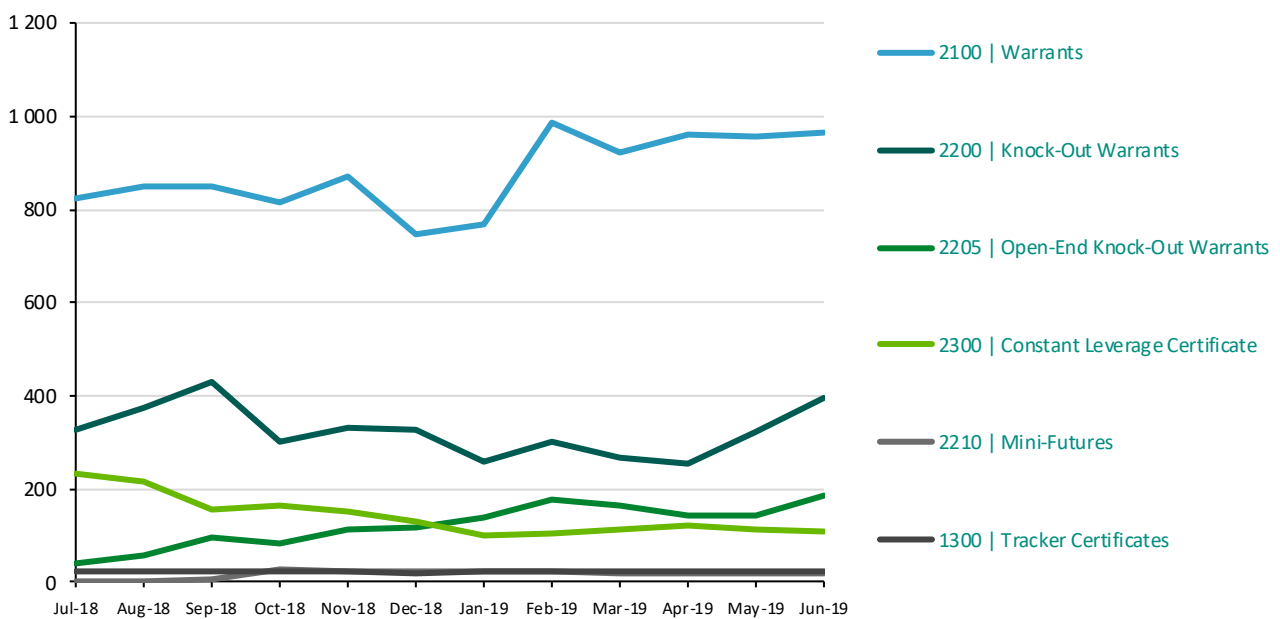
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

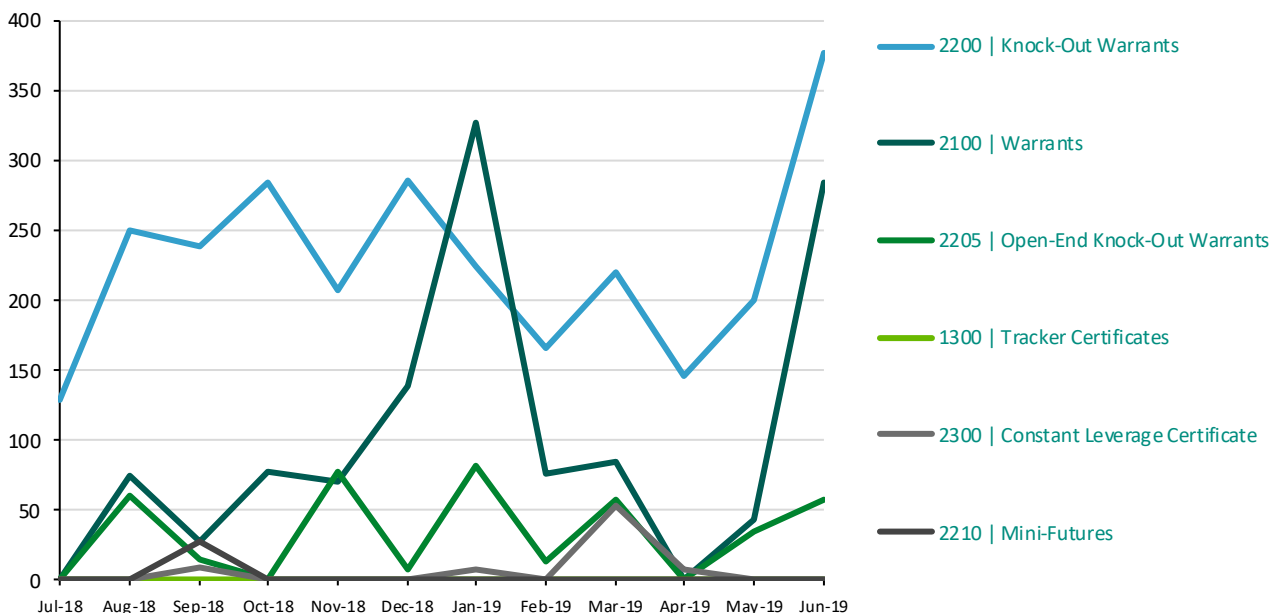
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

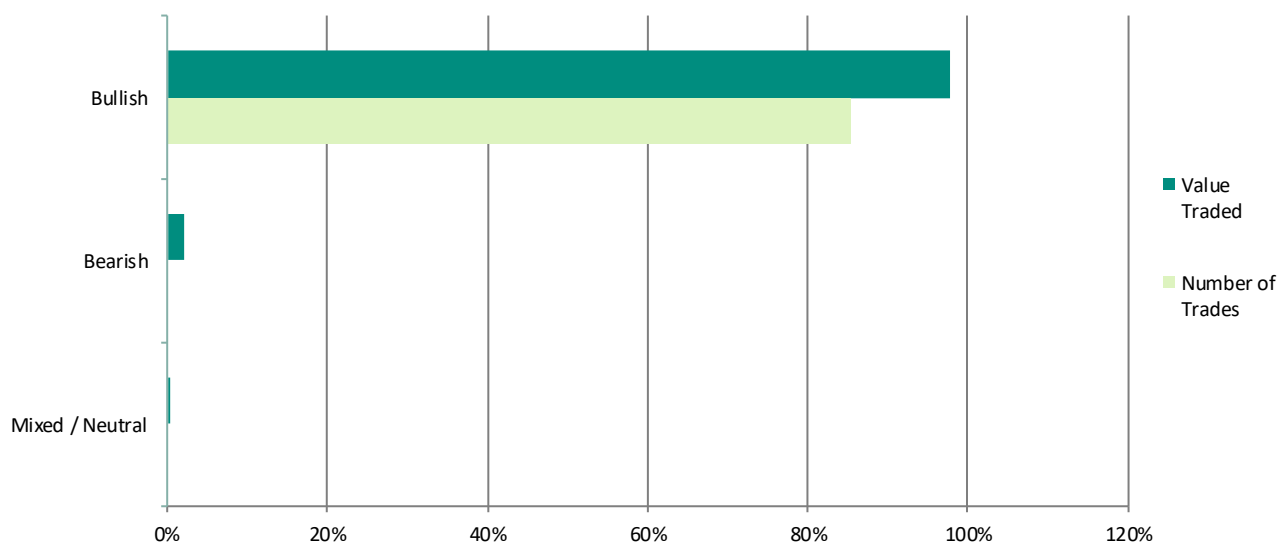
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	4,434	-9.8%	30%	97.8%	304	-30.2%	-1.0%	85.2%
Bearish	101	-33%	-42%	2.2%	0.0	-100%	-100%	0.0%
Mixed / Neutral	1	-81%	-74%	0.0%	0.0	-100%	-100%	0.0%
Total	4,536	-10.6%	25.9%	100%	357	-26.8%	-1.7%	100%

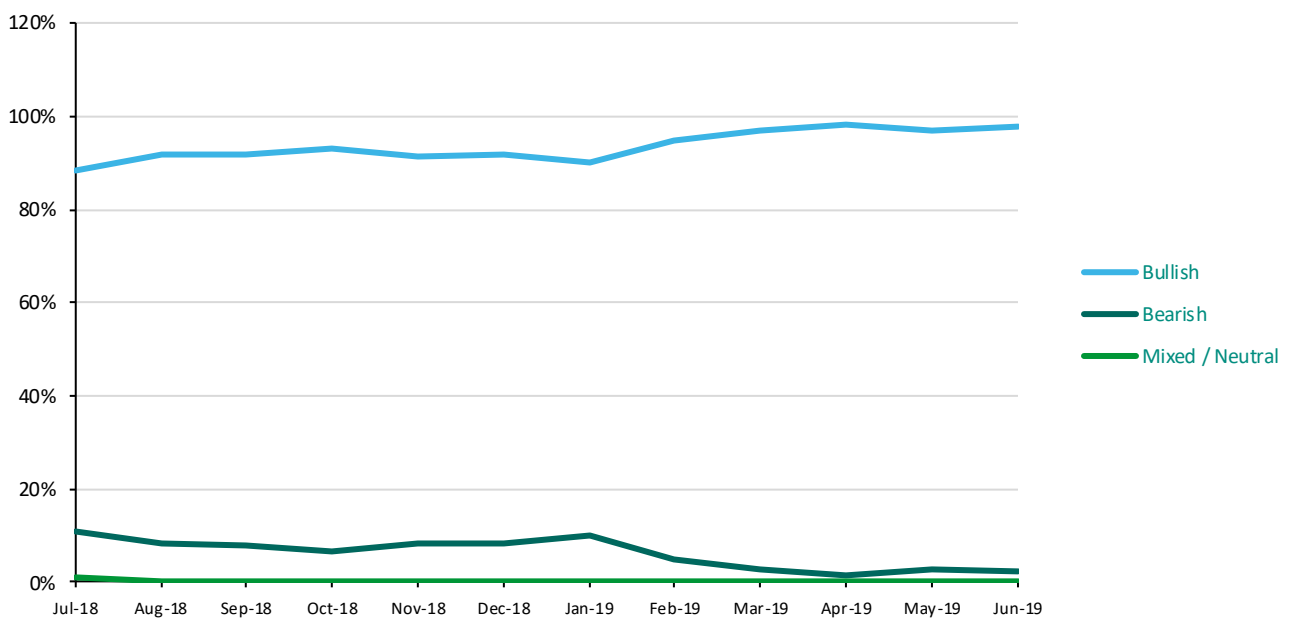
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PRODUCT STRATEGIES

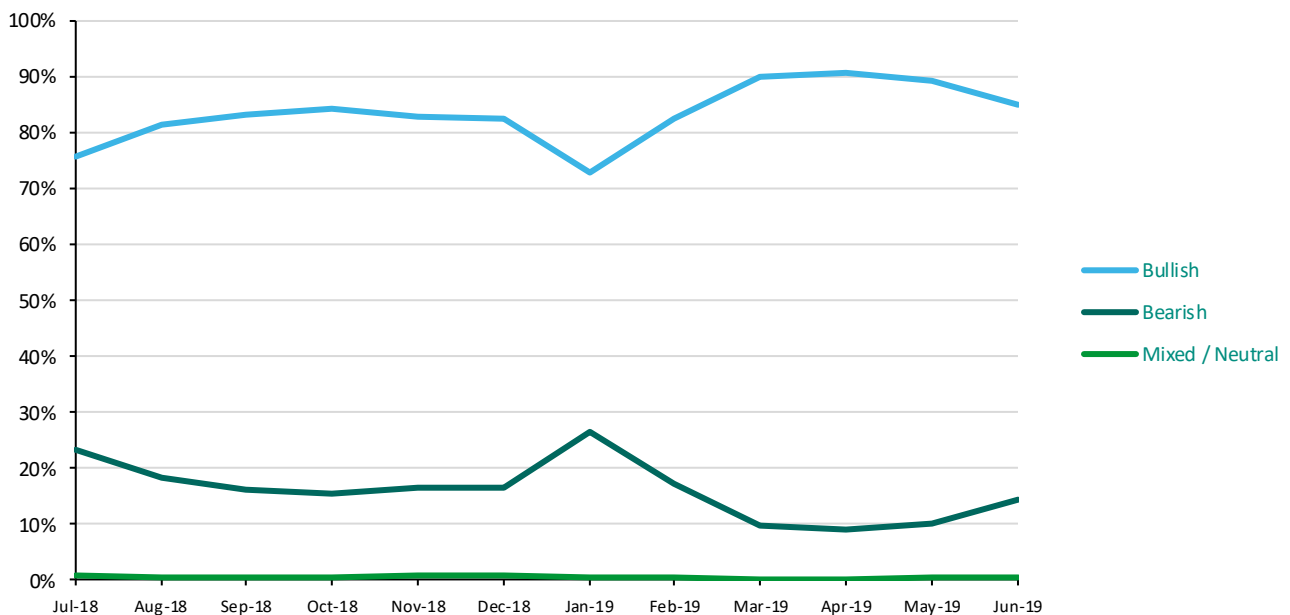
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

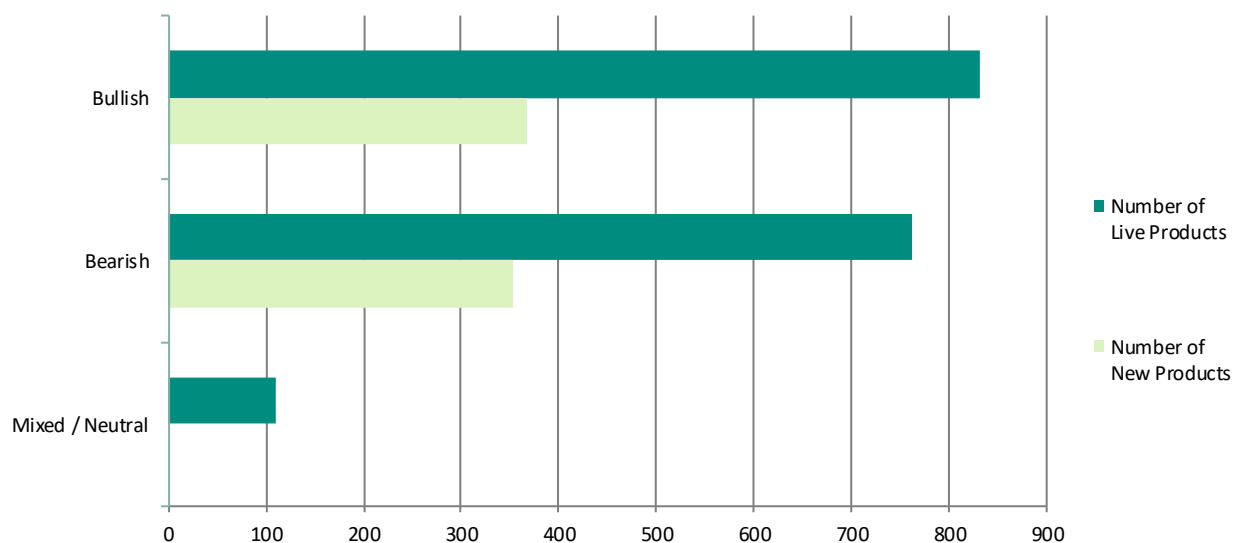
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	831	7.3%	20%	48.8%	367	196%	94%	51.0%
Bearish	762	10.7%	9.7%	44.7%	353	128%	102%	49.0%
Mixed / Neutral	109	-2.1%	-5.4%	6.4%	0		-100%	0.0%
Total	1,702	8.1%	13.3%	100%	720	158.1%	94.2%	100%

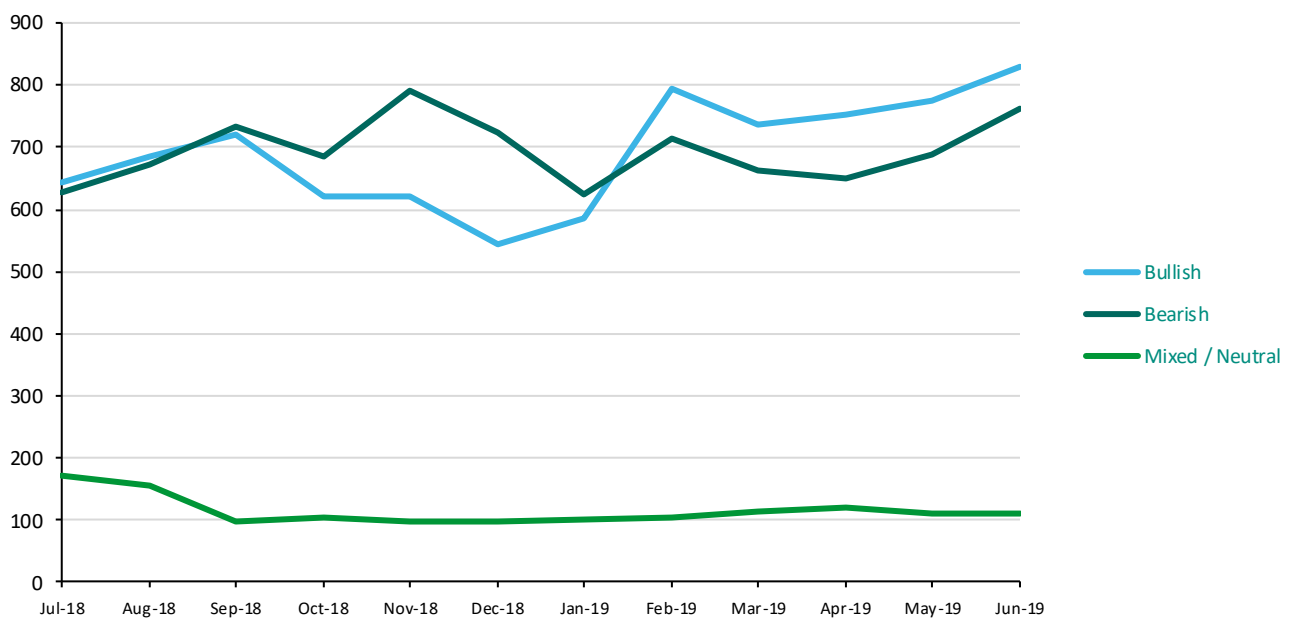
(Source Euronext)



PRODUCT STRATEGIES

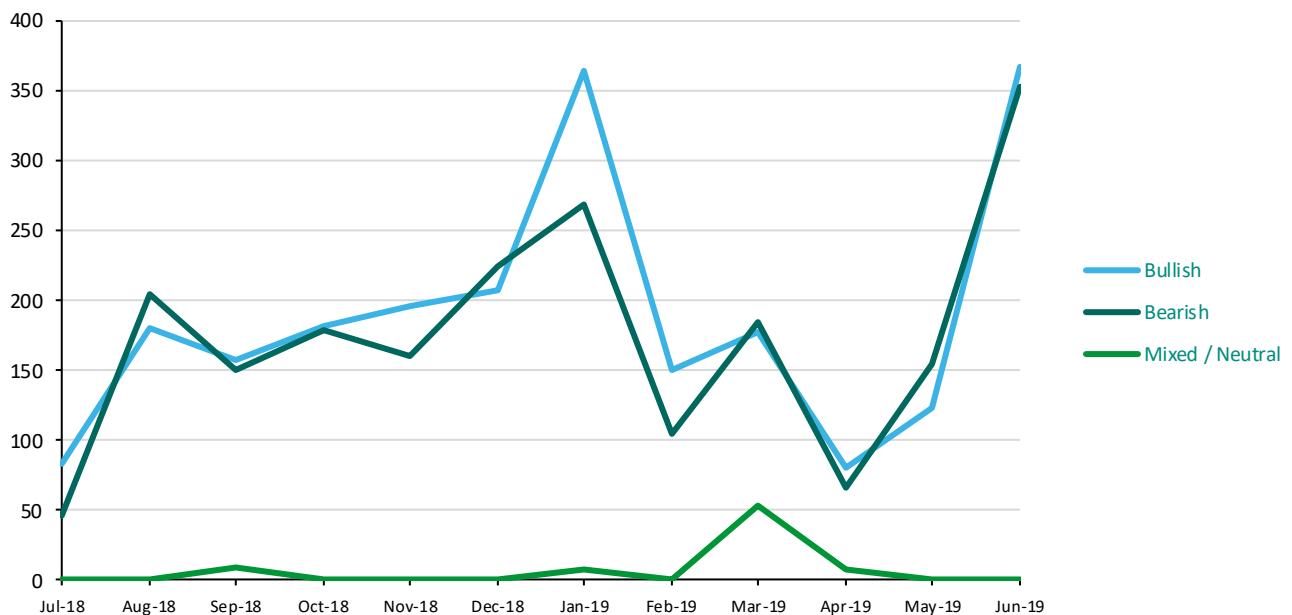
Product Trend: Number of Live Products

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

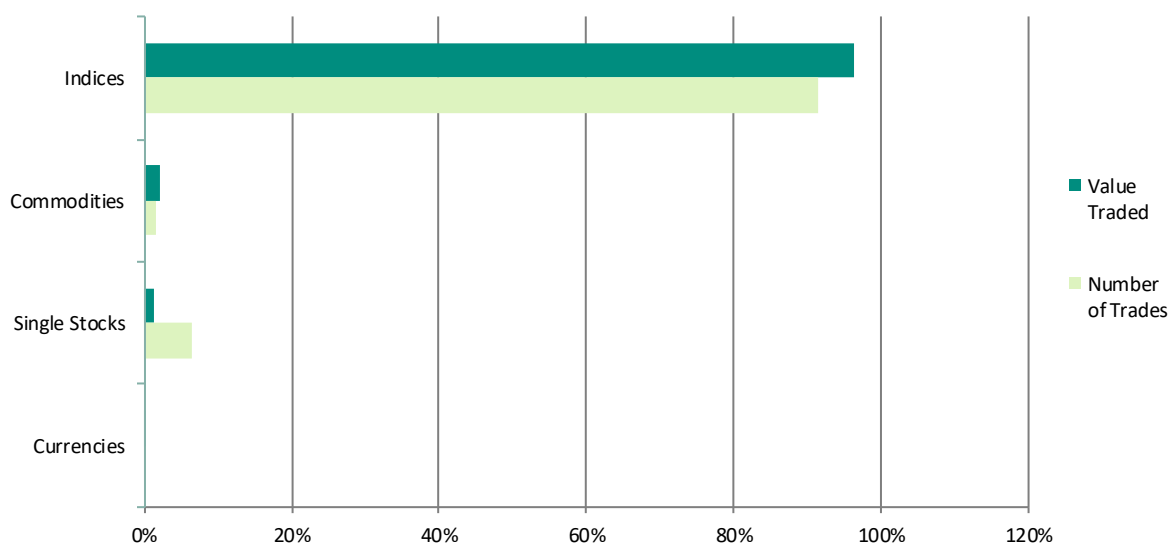
Market Overview

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	4,372	-10.8%	27%	96.4%	327	-26.5%	-1.0%	91.6%
Commodities	97	-28%	-14.5%	2.1%	6.0	-83.6%	-78.1%	1.7%
Single Stocks	61	102%	72%	1.4%	23	456.1%	422.0%	6.4%
Currencies	6	-35%	96%	0.1%	1.1	-45.0%	63.6%	0.3%
Total	4,536	-10.6%	25.9%	100%	357	-26.8%	-1.7%	100%

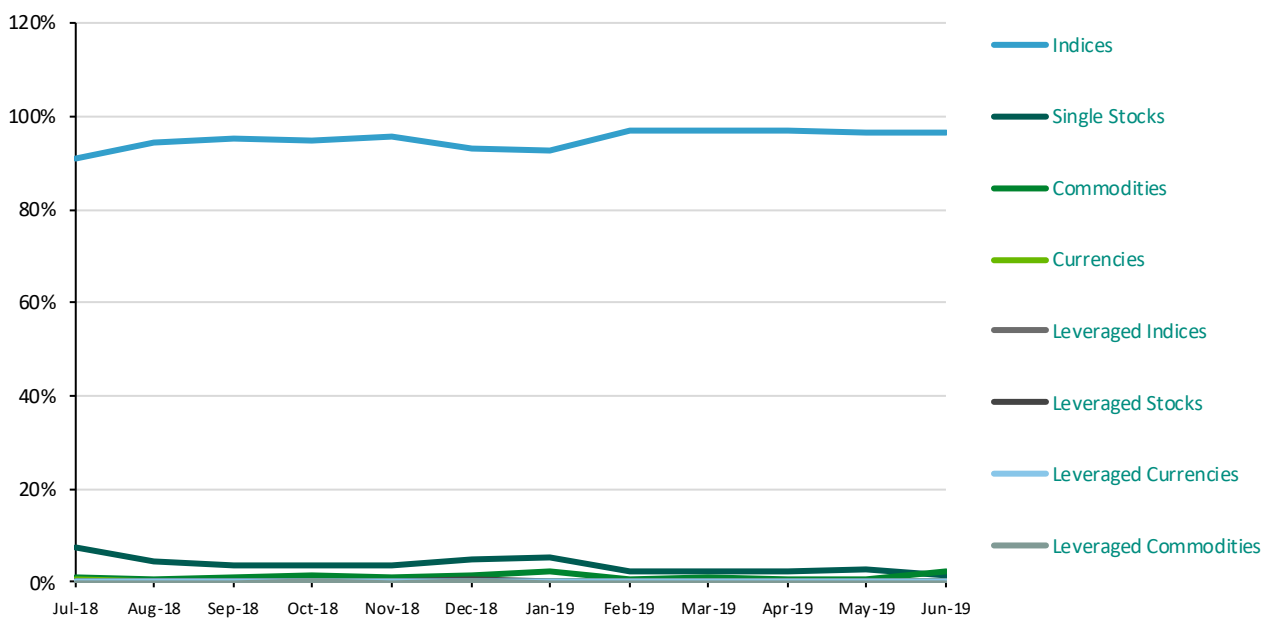
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UNDERLYING TYPES

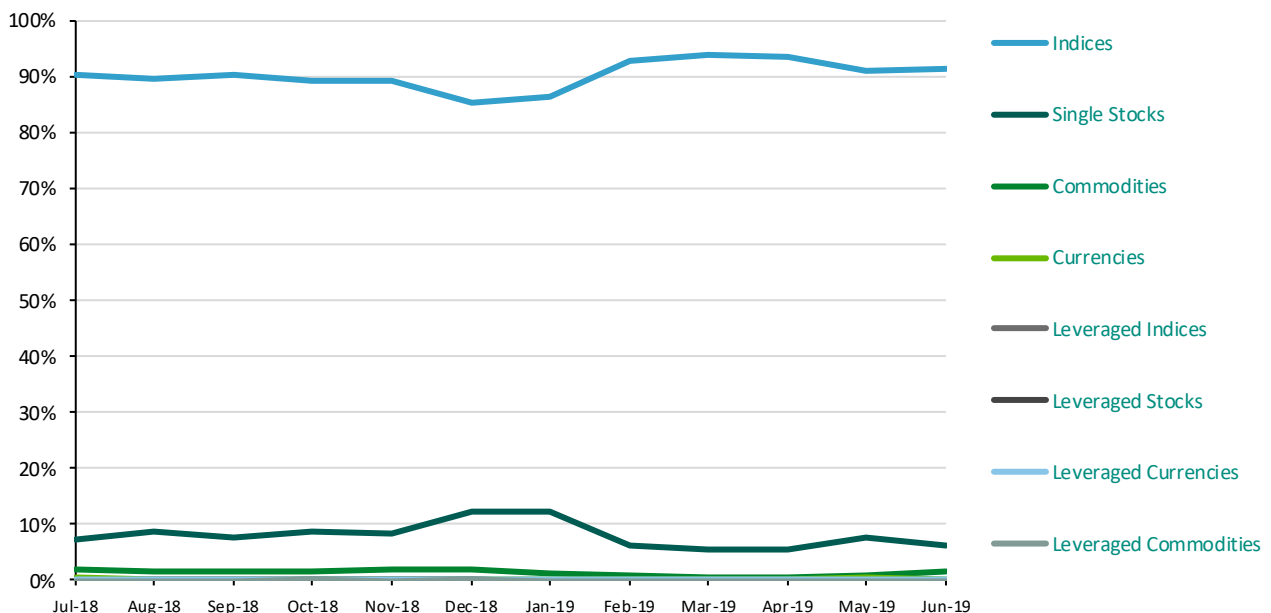
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

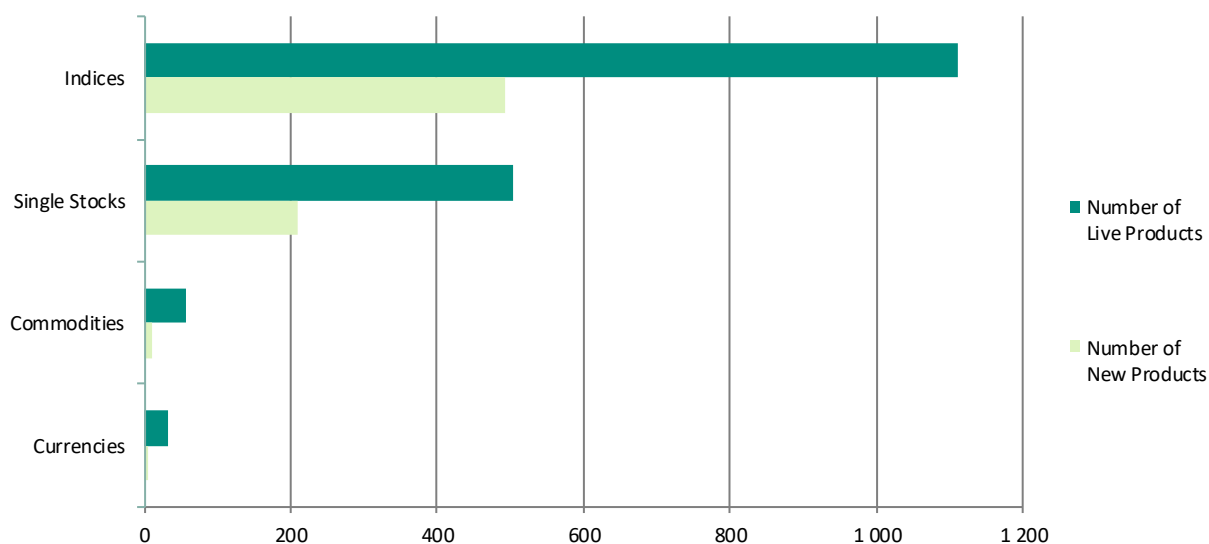
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	1,112	5.1%	18.4%	65.3%	494	241%	84%	68.6%
Single Stocks	503	17.6%	10.4%	29.5%	209	83%	143%	29.0%
Commodities	56	-3.3%	1.0%	3.3%	11	38%	10.9%	1.5%
Currencies	32	2.1%	23%	1.9%	6	-50%	1.4%	0.8%
Total	1,702	8.1%	13.3%	100%	720	158.1%	94.2%	100%

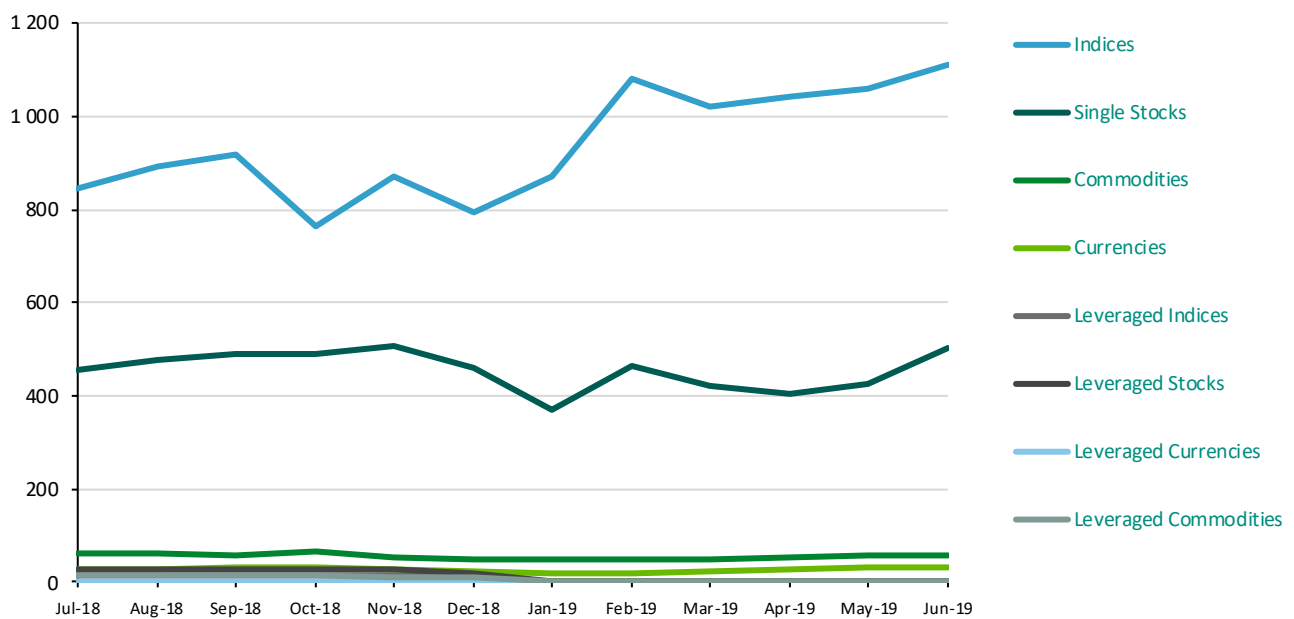
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UNDERLYING TYPES

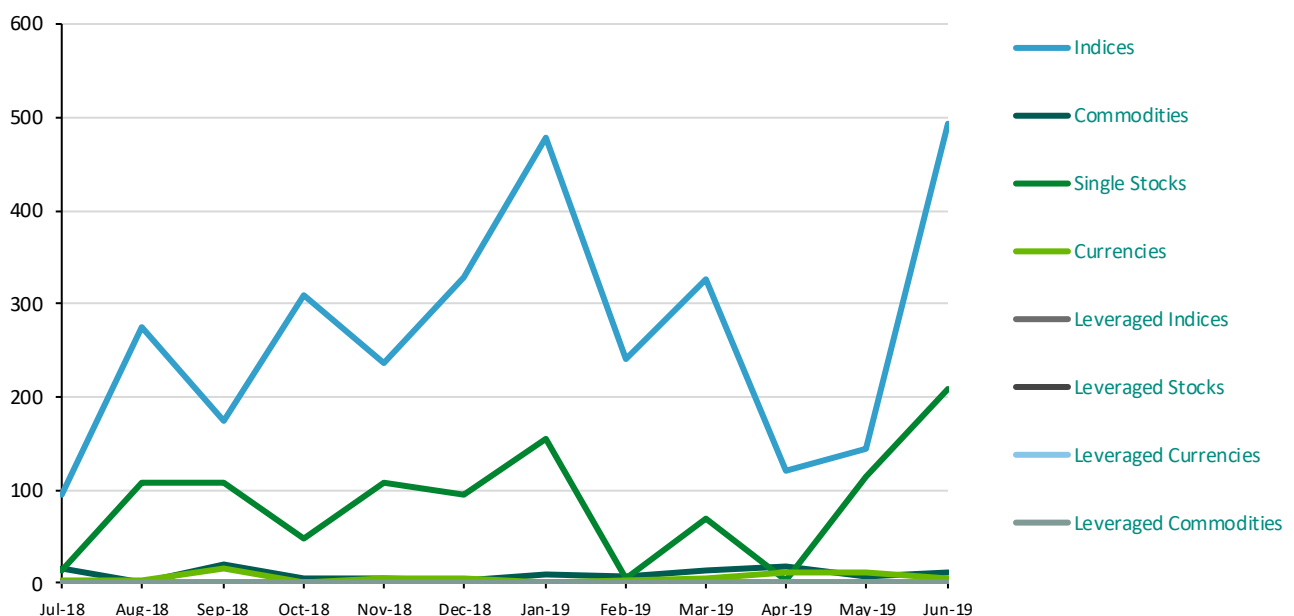
Product Trend: Number of Live Products

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

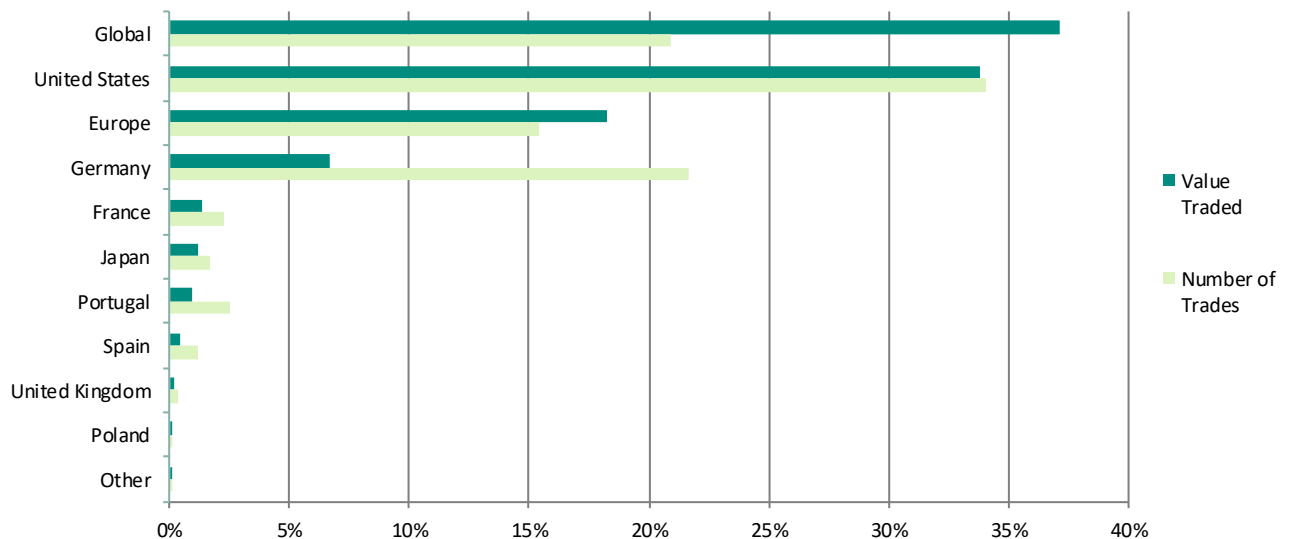
Market Overview

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
Global	1,684	-7.5%	23%	37.1%	75	-55.7%	-42.0%	20.9%
United States	1,535	-11.7%	61%	33.8%	122	23%	117%	34.1%
Europe	828	-7.5%	27%	18.2%	55	-28%	3.2%	15.4%
Germany	303	-9.2%	-16.9%	6.7%	77	-17.7%	-10.0%	21.6%
France	62	-32%	-21%	1.4%	7.9	-36%	-18.5%	2.2%
Japan	54	-36%	-28%	1.2%	6.1	-66%	-38%	1.7%
Portugal	41	-45%	-39%	0.9%	8.8	-28%	-32%	2.5%
Spain	21	-21%	-27%	0.5%	4.3	-29%	-20%	1.2%
United Kingdom	6	-28%	-34%	0.1%	1.2	-30%	-7.0%	0.3%
Poland	1	580%	31%	0.0%	0.1	120%	15.5%	0.0%
Other	0		496%	0.0%	0.3		376%	0.1%
Total	4,536	-10.6%	25.9%	100%	357	-26.8%	-1.7%	100%

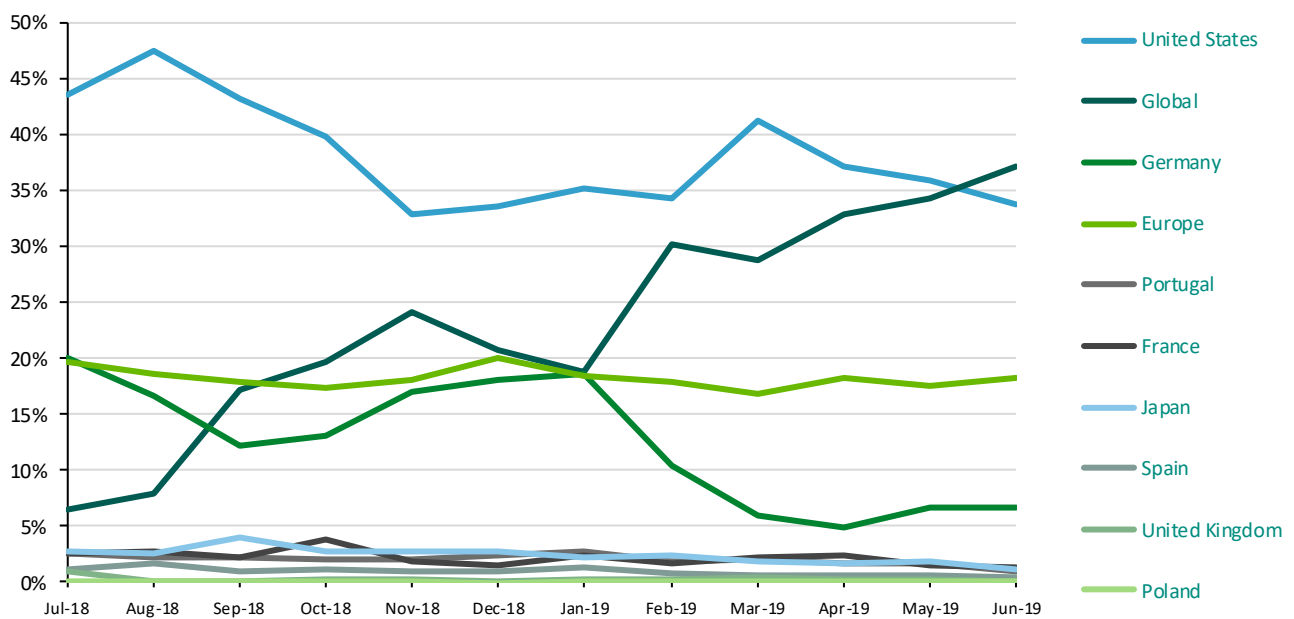
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

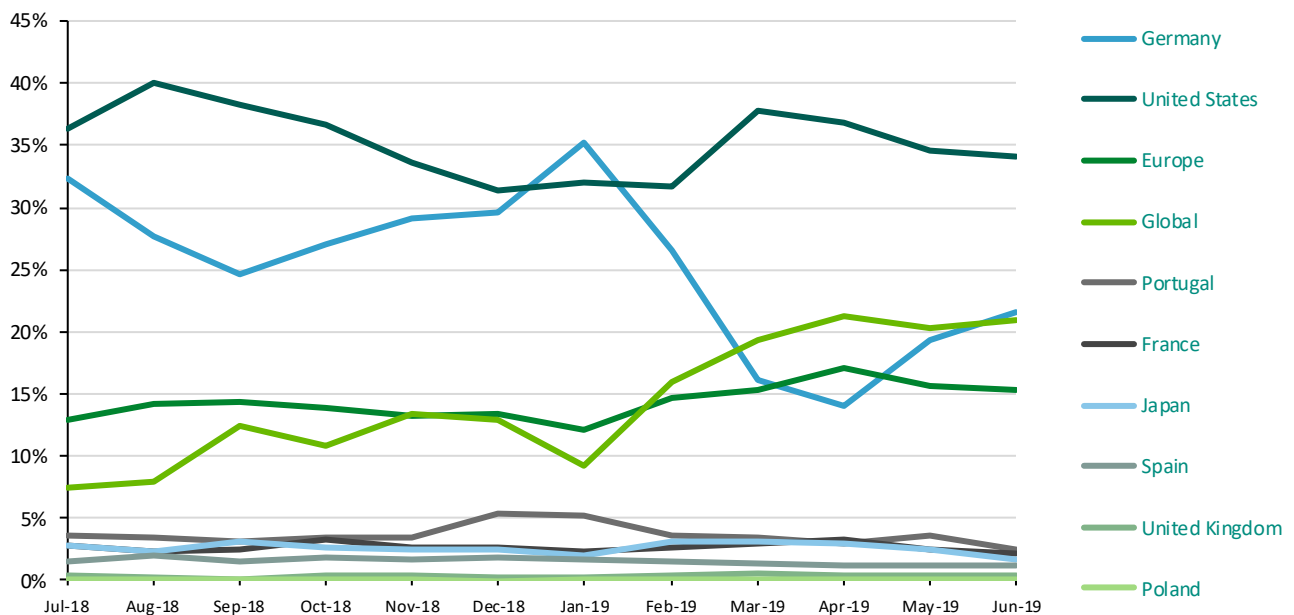
Market Trend: Value traded

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

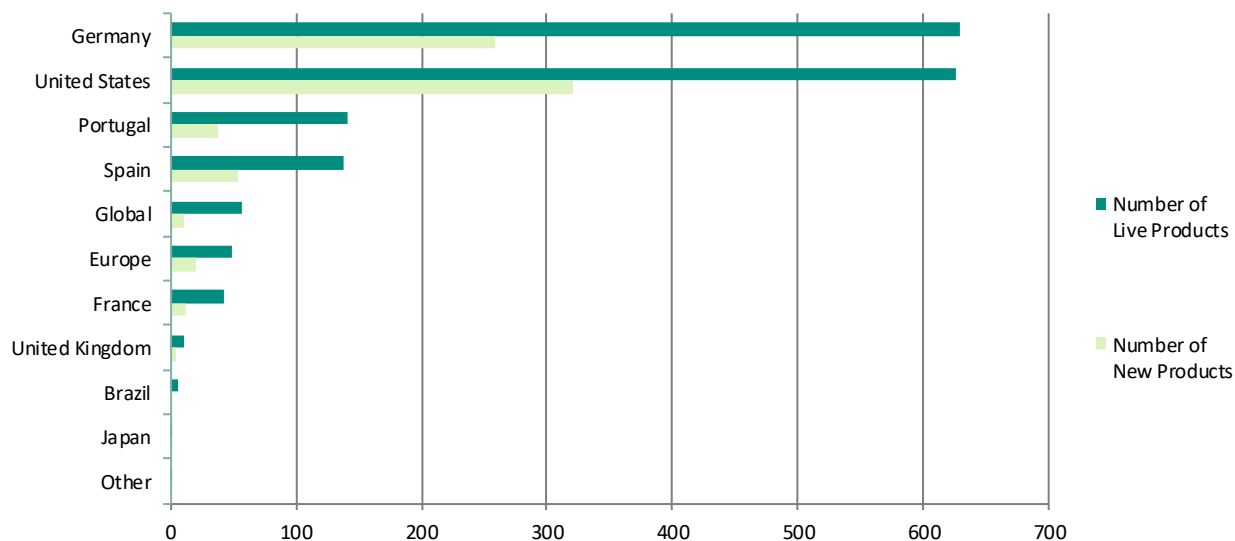
Product Overview

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	630	5.0%	22%	37.0%	259	318%	93%	36.0%
United States	626	12.7%	19.6%	36.8%	321	83%	94%	44.6%
Portugal	142	-0.1%	-23%	8.3%	37	825%	108%	5.1%
Spain	137	15.2%	19.8%	8.1%	54	391%	91%	7.5%
Global	57	-3.2%	-7.0%	3.3%	11	38%	12.8%	1.5%
Europe	50	30%	99%	2.9%	21	250%	282%	2.9%
France	43	0.0%	-28%	2.5%	12	71%	57%	1.7%
United Kingdom	10	9.5%	44%	0.6%	5	-16.7%	186%	0.7%
Brazil	6	-17.0%	-1.3%	0.4%	0		-100%	0.0%
Japan	1	0.0%	0.0%	0.1%	0			0.0%
Other	1	-0.5%	-77%	0.1%	0			0.0%
Total	1,702	8.1%	13.3%	100%	720	158.1%	94.2%	100%

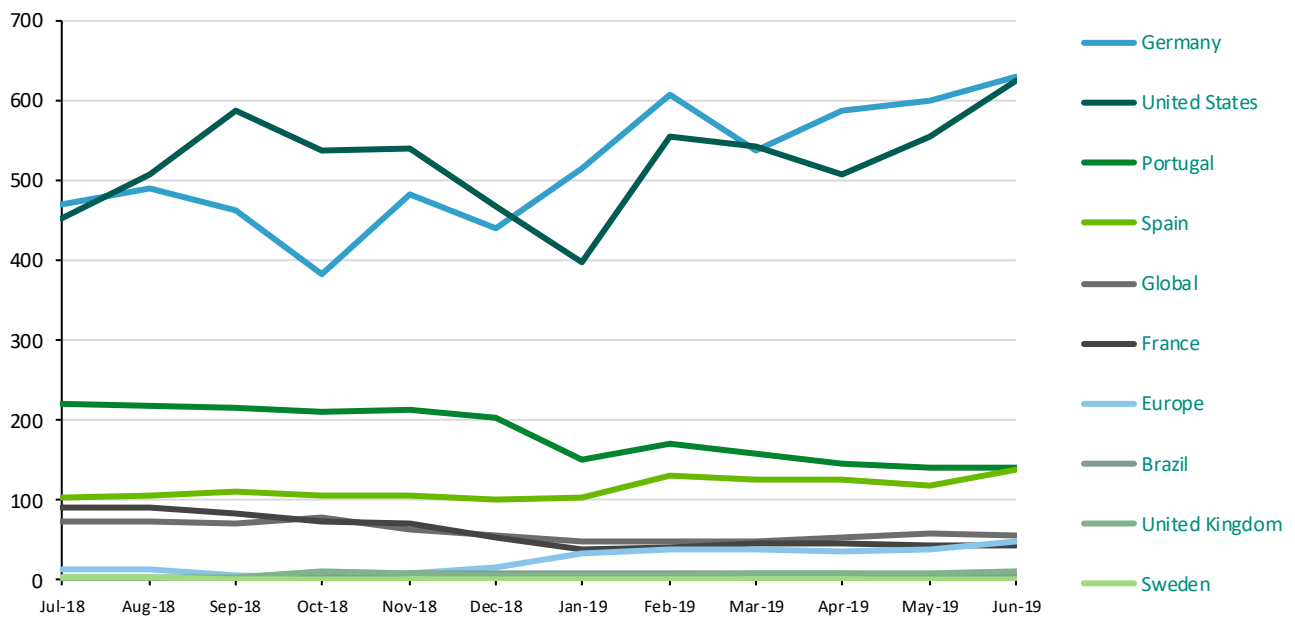
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TOP 10 UNDERLYING COUNTRIES

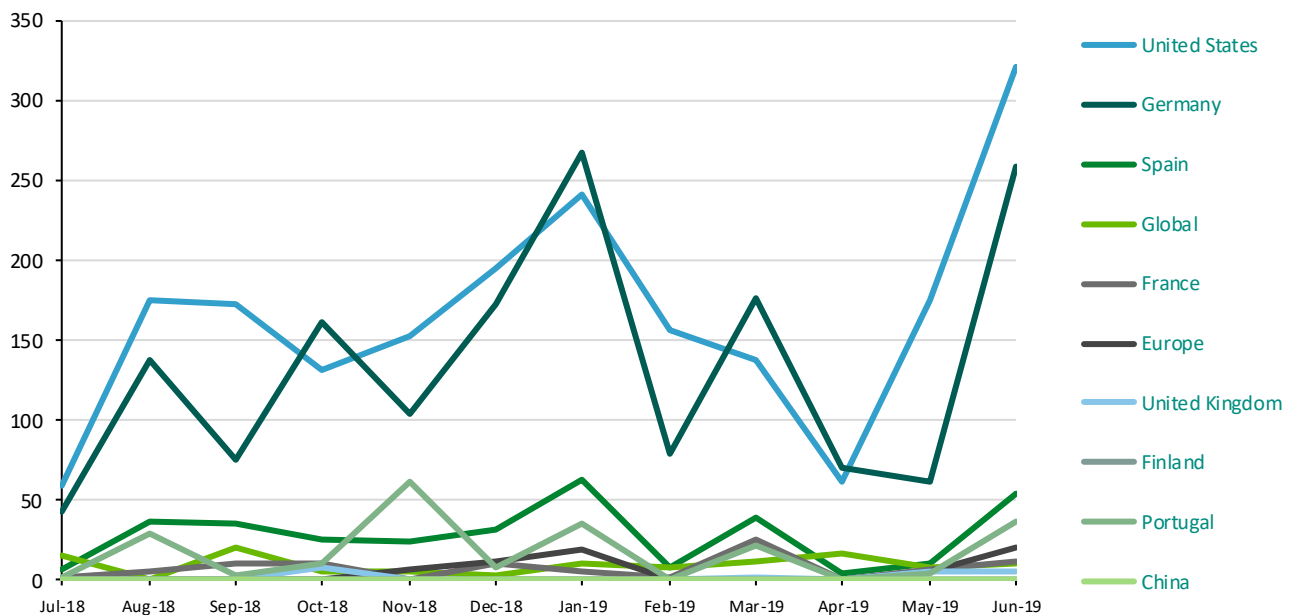
Product Trend: Number of Live Products

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

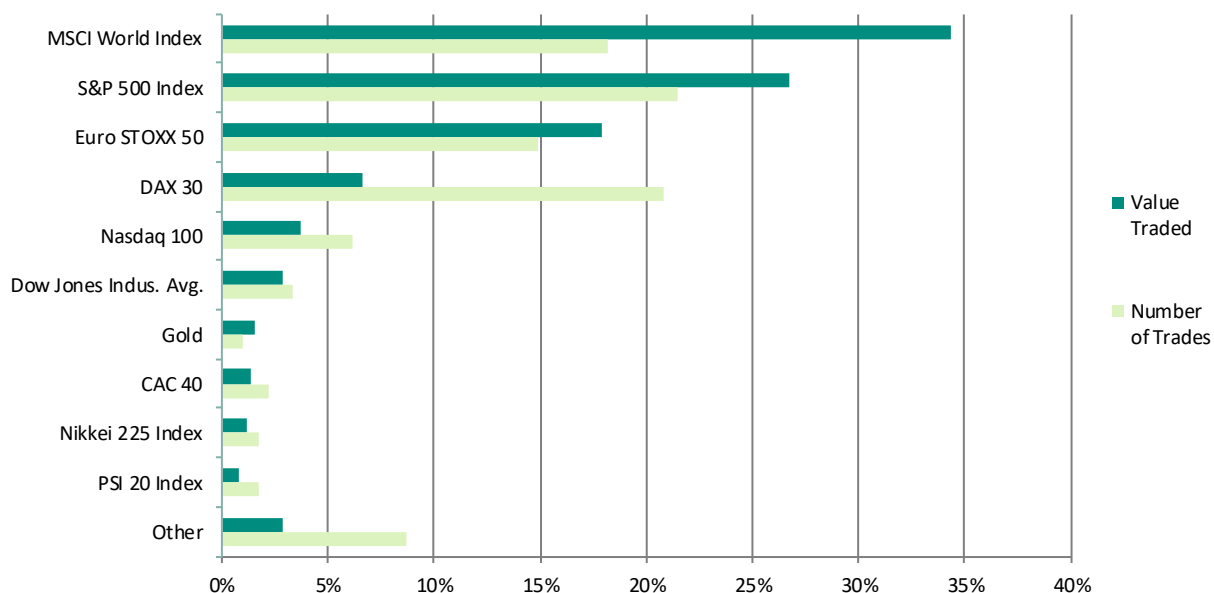
Market Overview

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	1,557	-6.6%	52%	34.3%	65	-27.4%	-15.4%	18.2%
S&P 500 Index	1,215	-17.9%	38%	26.8%	77	-30%	70%	21.5%
Euro STOXX 50	810	-8.7%	27%	17.9%	53	-29%	2.1%	14.9%
DAX 30	301	-8.2%	-15.2%	6.6%	74	-16.2%	-9.5%	20.8%
Nasdaq 100	170	12.0%	-6.5%	3.8%	22	-17.3%	-18.5%	6.2%
Dow Jones Indus. Avg.	128	-5.3%	-1.4%	2.8%	12	-31%	-16.7%	3.3%
Gold	71	-21%	-9.0%	1.6%	3.5	-72%	-64%	1.0%
CAC 40	62	-17.6%	-18.0%	1.4%	7.9	-35%	-18.7%	2.2%
Nikkei 225 Index	54	-8.6%	-4.5%	1.2%	6.1	-45%	-32%	1.7%
PSI 20 Index	38	-6.4%	-6.4%	0.8%	6.1	10.0%	-2.7%	1.7%
Other	131	-18.9%	-10.2%	2.9%	31	-24%	-2.0%	8.7%
Total	4,536	-10.6%	25.9%	100%	357	-26.8%	-1.7%	100%

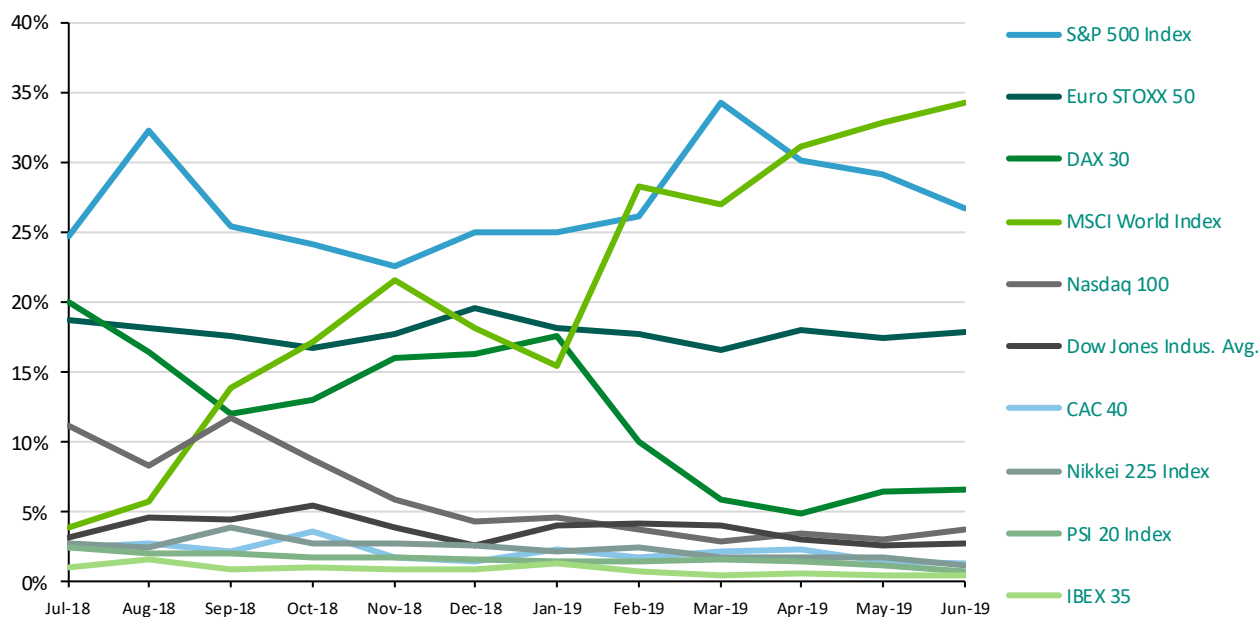
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TOP 10 UNDERLYINGS

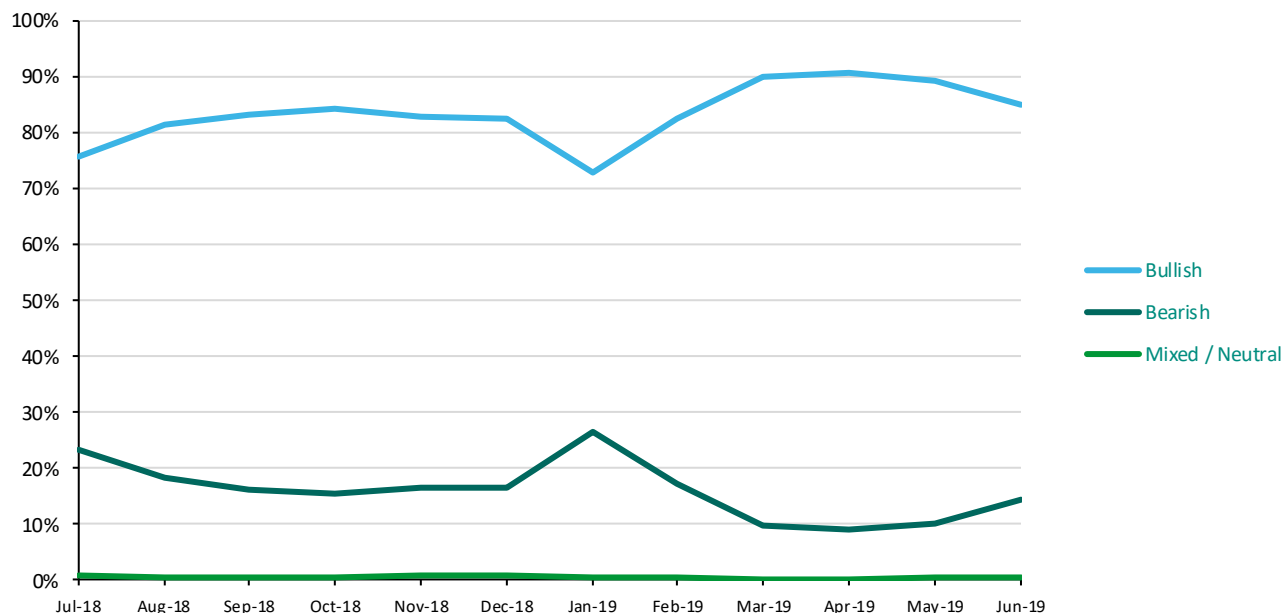
Market Trend: Value traded

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

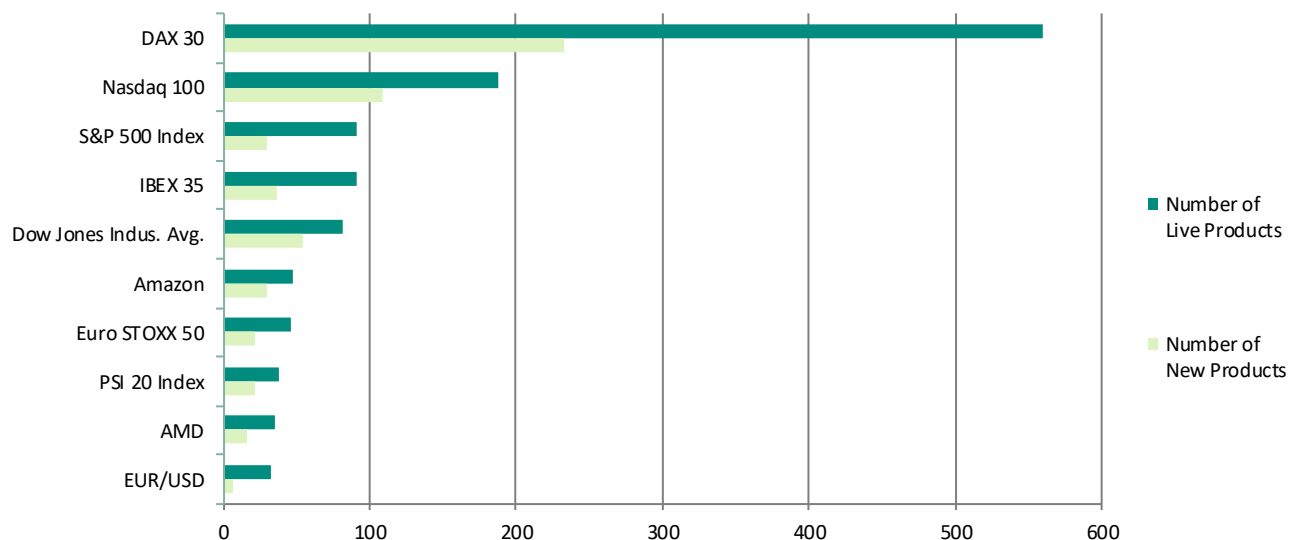
Product Overview

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	560	4.2%	24%	32.9%	233	316%	84%	32.4%
Nasdaq 100	188	1.0%	15.8%	11.1%	109	142%	67%	15.1%
S&P 500 Index	91	-2.2%	16.1%	5.4%	30	233%	76%	4.2%
IBEX 35	90	10.7%	6.6%	5.3%	37	236%	60%	5.1%
Dow Jones Indus. Avg.	81	17.3%	12.4%	4.7%	54	315%	123%	7.5%
Amazon	47	28%	16.5%	2.8%	29	21%	94%	4.0%
Euro STOXX 50	47	32%	112%	2.7%	21	250%	282%	2.9%
PSI 20 Index	38	15.9%	-19.3%	2.2%	21		241%	2.9%
AMD	36	47%	181%	2.1%	16	100%	300%	2.2%
EUR/USD	32	2.1%	23%	1.9%	6	-50%	1.4%	0.8%
Other	493	10.2%	-2.4%	28.9%	164		110%	22.8%
Total	1,702	8.1%	13.3%	100%	720	158.1%	94.2%	100%

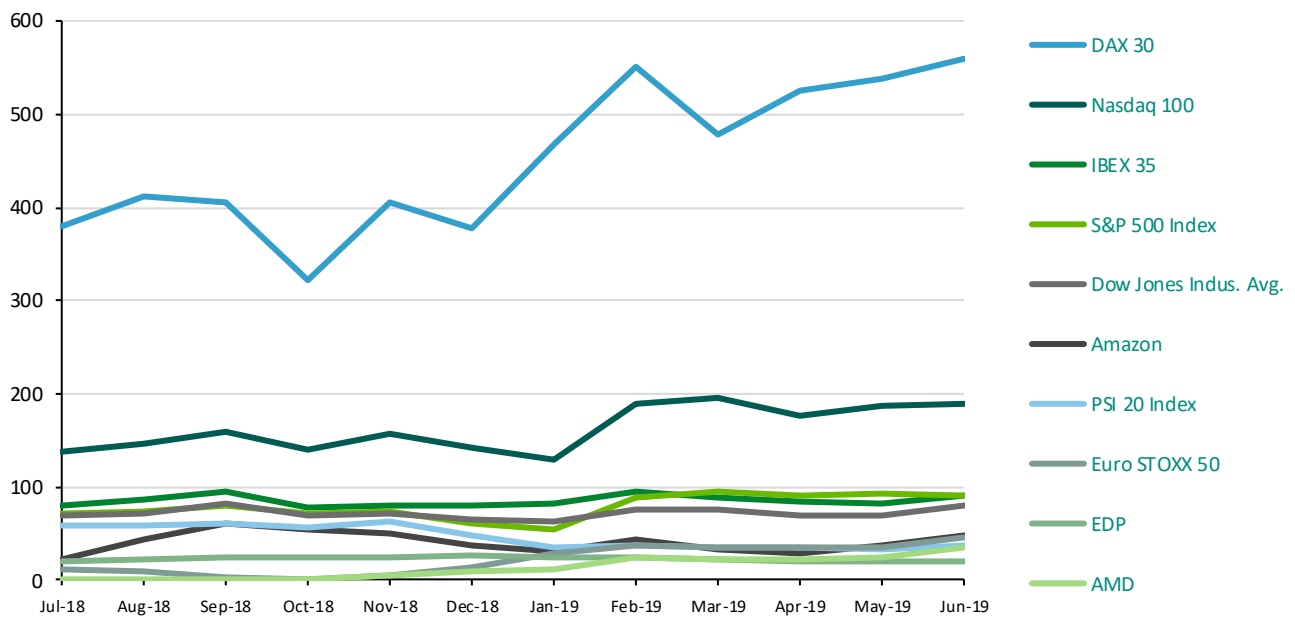
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TOP 10 UNDERLYINGS

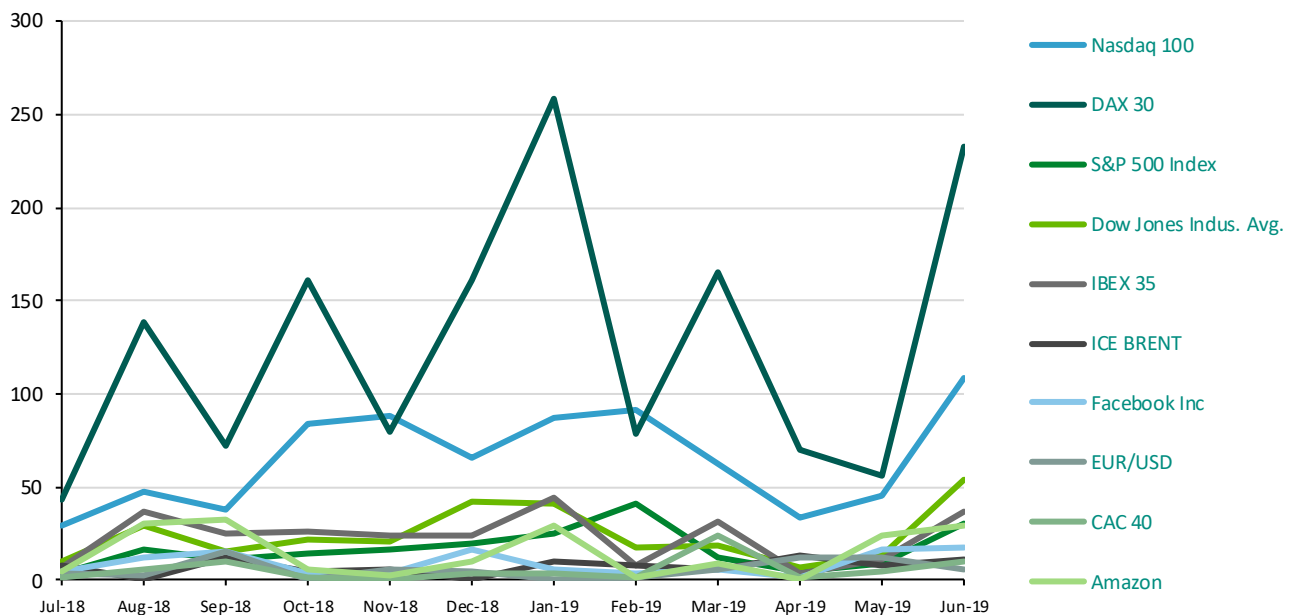
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	62,279	2,594
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	32,404	2,120
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	31,207	1,622
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	17,116	1,314
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,540	470
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	5,531	288
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	5,018	396
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	2,845	136
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	2,461	294
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	2,164	242
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	1,505	232
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	1,141	140
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	881	40
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	756	116
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	489	52
DE000CU1QDQ5	Commerzbank	2200	Knock-Out Warrants	DAX 30	363	156
DE000CU1PYS9	Commerzbank	2200	Knock-Out Warrants	DAX 30	265	134
DE000CP6NKH2	Citi	2200	Knock-Out Warrants	DAX 30	259	60
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	251	46
DE000CU1P0E2	Commerzbank	2200	Knock-Out Warrants	DAX 30	249	120
DE000CJ36U27	Commerzbank	2200	Knock-Out Warrants	DAX 30	232	110
DE000CP6NKQ3	Citi	2200	Knock-Out Warrants	DAX 30	219	116
DE000CP6NKZ4	Citi	2200	Knock-Out Warrants	DAX 30	200	46
PTBCSZYE0010	BCP	1300	Tracker Certificates	FTSE EPRA/NAREIT Euro Zone I	190	18
DE000CP6NHW7	Citi	2200	Knock-Out Warrants	Nasdaq 100	179	36
DE000CU1QDP7	Commerzbank	2200	Knock-Out Warrants	DAX 30	172	40
DE000CU1P0P8	Commerzbank	2200	Knock-Out Warrants	DAX 30	160	118
DE000CU1QB80	Commerzbank	2200	Knock-Out Warrants	DAX 30	151	36
DE000CJ36VT2	Commerzbank	2200	Knock-Out Warrants	EUR/USD	148	6
DE000CP6NCQ0	Citi	2200	Knock-Out Warrants	Nasdaq 100	144	50
DE000CP6NM10	Citi	2200	Knock-Out Warrants	Facebook Inc	133	38
DE000CP6NGB3	Citi	2200	Knock-Out Warrants	Facebook Inc	131	84
DE000CU1PXA9	Commerzbank	2200	Knock-Out Warrants	DAX 30	126	64
DE000CP6NJA9	Citi	2200	Knock-Out Warrants	Nasdaq 100	120	18
DE000CP6NJQ5	Citi	2200	Knock-Out Warrants	DAX 30	119	38
DE000CU1P0D4	Commerzbank	2200	Knock-Out Warrants	DAX 30	119	44
DE000CP6NMN6	Citi	2200	Knock-Out Warrants	Amazon	117	40
DE000CP6NAD2	Citi	2100	Warrants	S&P 500 Index	113	12
DE000CU1PXZ6	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	111	32
DE000CP6NKK6	Citi	2200	Knock-Out Warrants	DAX 30	108	28
DE000CP6NFU5	Citi	2200	Knock-Out Warrants	DAX 30	105	28
DE000CP6NLL2	Citi	2200	Knock-Out Warrants	DAX 30	103	32
DE000CP6NMZ0	Citi	2200	Knock-Out Warrants	Facebook Inc	99	28
DE000CJ35MY3	Commerzbank	2100	Warrants	DAX 30	98	16
DE000CP6NKT7	Citi	2200	Knock-Out Warrants	Nasdaq 100	89	18
DE000CP6NKY7	Citi	2200	Knock-Out Warrants	DAX 30	86	22
DE000CP6NKF6	Citi	2200	Knock-Out Warrants	DAX 30	82	38
DE000CP6NKM2	Citi	2200	Knock-Out Warrants	DAX 30	78	22
PTBIU2YE0087	BCP	1300	Tracker Certificates	STOXX 600 Basic Resources Inc	77	12
DE000CV3LAM6	Commerzbank	2100	Warrants	DAX 30	74	18

(Source Euronext)



Euronext Paris

ISSUERS

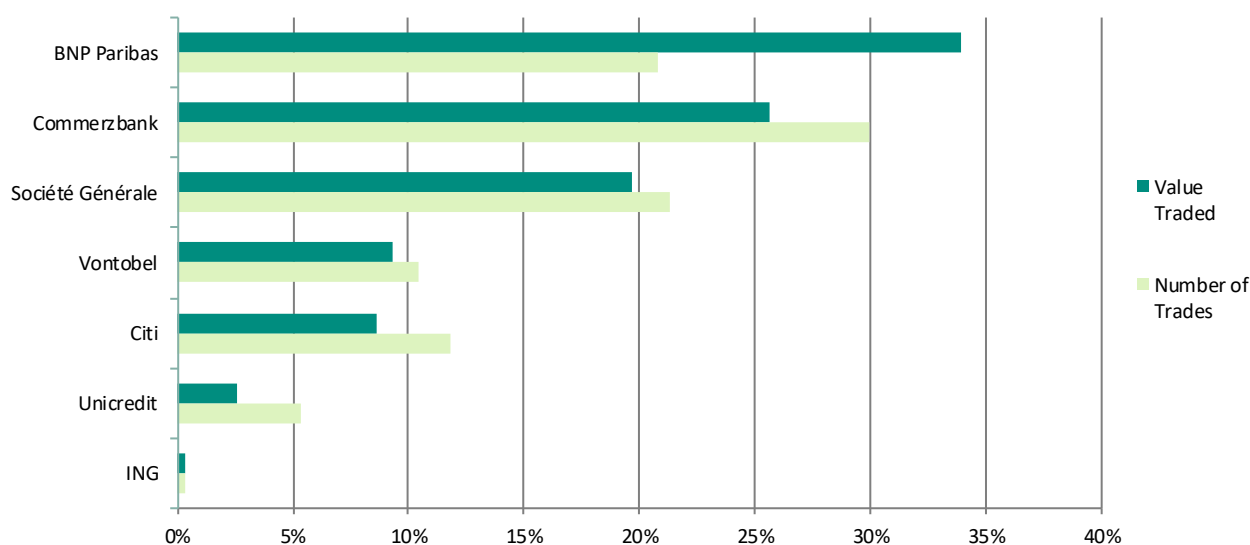
Market Overview

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	4,170	1.1%	7.9%	33.9%	916	-17.9%	-42.3%	20.8%
Commerzbank	3,154	-8.3%	-3.3%	25.7%	1,318	-11.6%	40.4%	29.9%
Société Générale	2,417	-6.6%	-12.1%	19.7%	939	-9.6%	1.0%	21.3%
Vontobel	1,144	-25%	-27%	9.3%	458	-24.1%	-36.8%	10.4%
Citi	1,059	-12.2%	40%	8.6%	519	-9.8%	44.7%	11.8%
Unicredit	313	-12.9%	-12.7%	2.5%	235	-7.9%	8.4%	5.3%
ING	38	-12.8%	-37%	0.3%	15	-3.8%	-43.6%	0.4%
Total	12,295	-7.4%	-2.5%	100%	4,399	-13.6%	-8.0%	100%

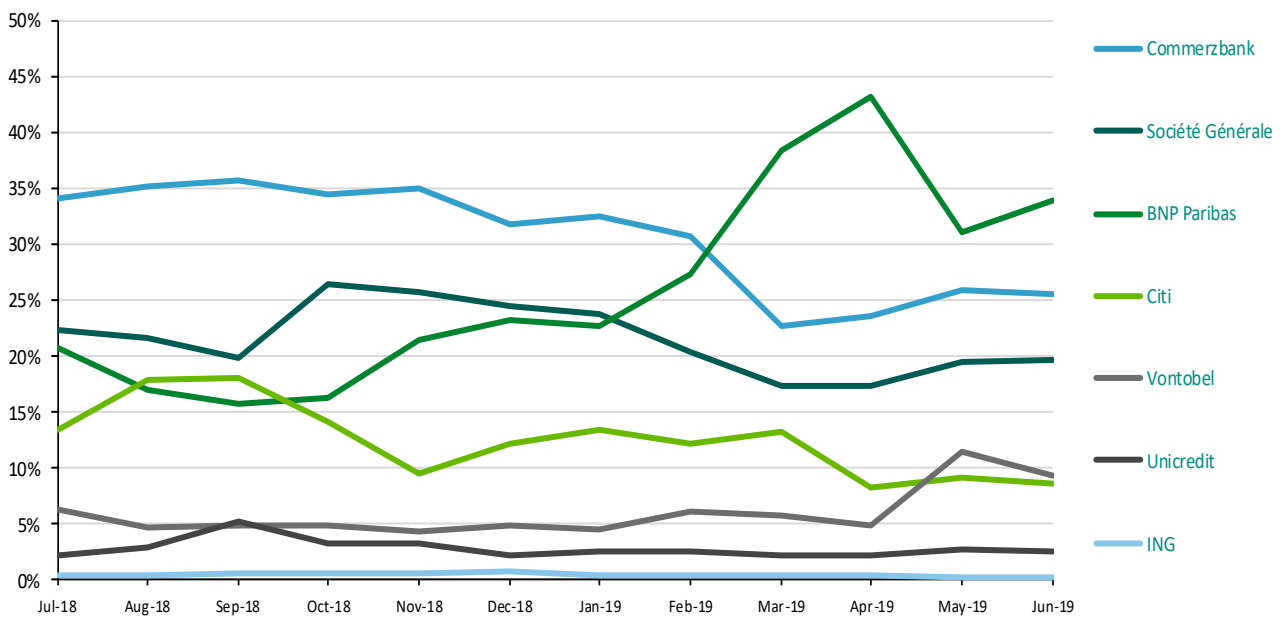
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ISSUERS

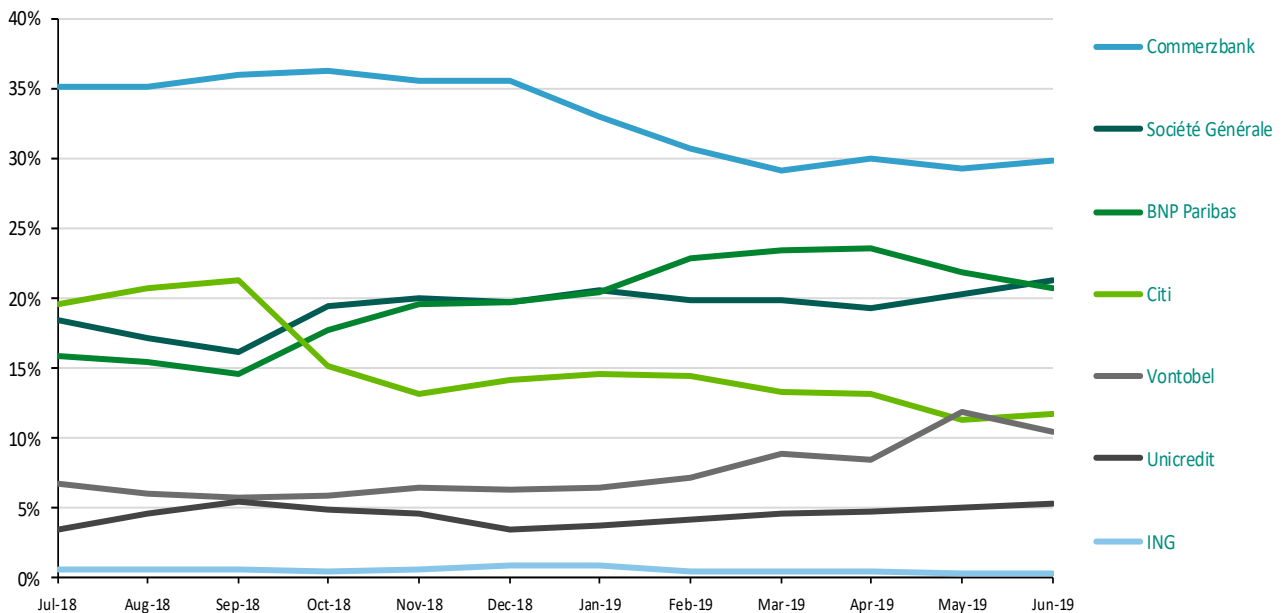
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

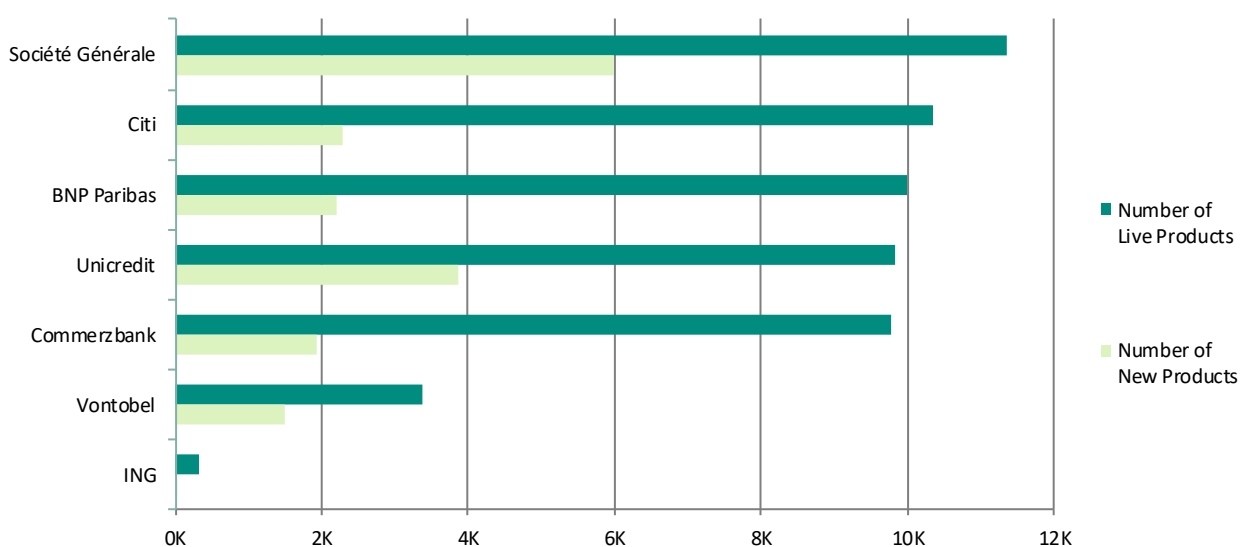
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Société Générale	11,351	8.4%	22%	20.6%	5,989	84%	88%	33.7%
Citi	10,345	-0.1%	13.0%	18.8%	2,290	-29%	-21%	12.9%
BNP Paribas	10,001	-2.7%	26%	18.2%	2,199	-1.7%	-7.8%	12.4%
Unicredit	9,836	18.8%	30%	17.9%	3,859	11.5%	79%	21.7%
Commerzbank	9,773	2.6%	5.8%	17.8%	1,921	-19.3%	-6.4%	10.8%
Vontobel	3,368	-5.7%	-0.1%	6.1%	1,489	-40%	-13.8%	8.4%
ING	330	0.8%	-3.8%	0.6%	18	-49%	-22%	0.1%
Total	55,004	4.2%	17.2%	100%	17,765	4.0%	23.2%	100%

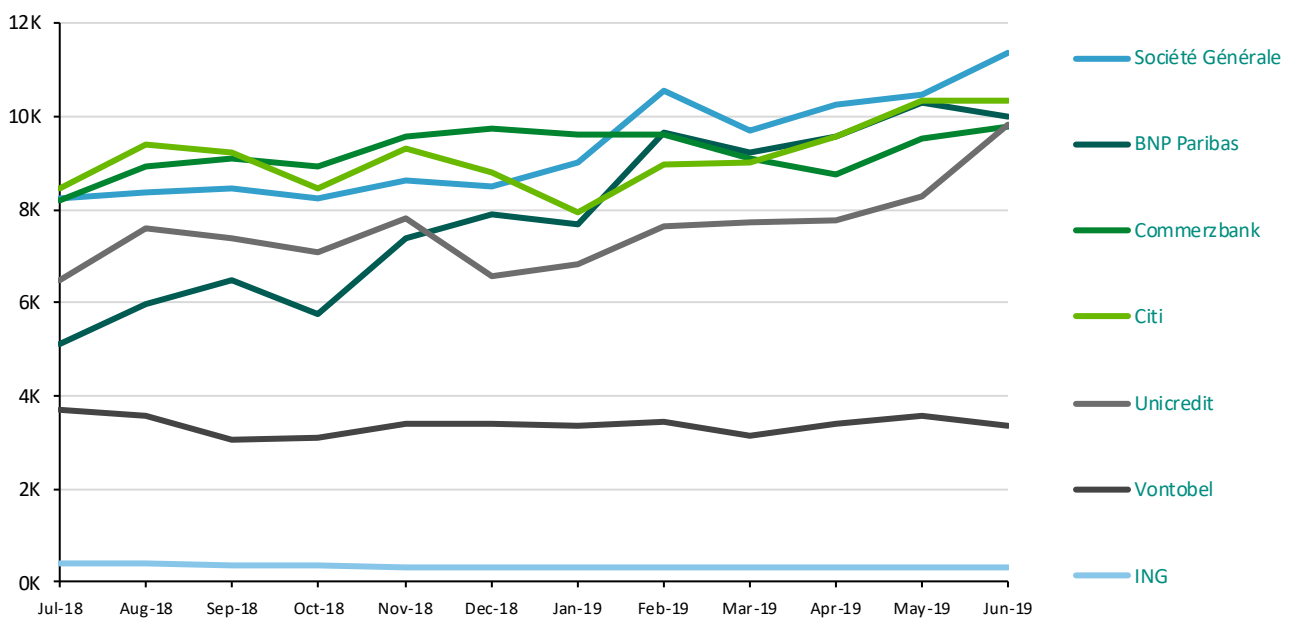
(Source Euronext)



ISSUERS

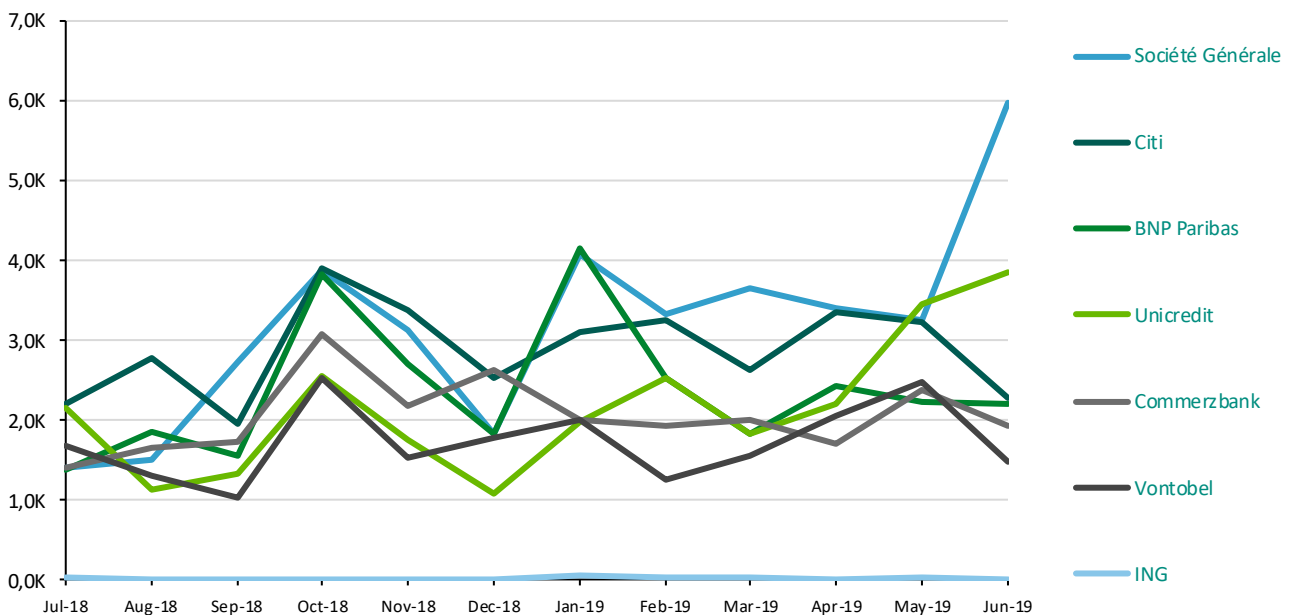
Product Trend: Number of Live Products

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)

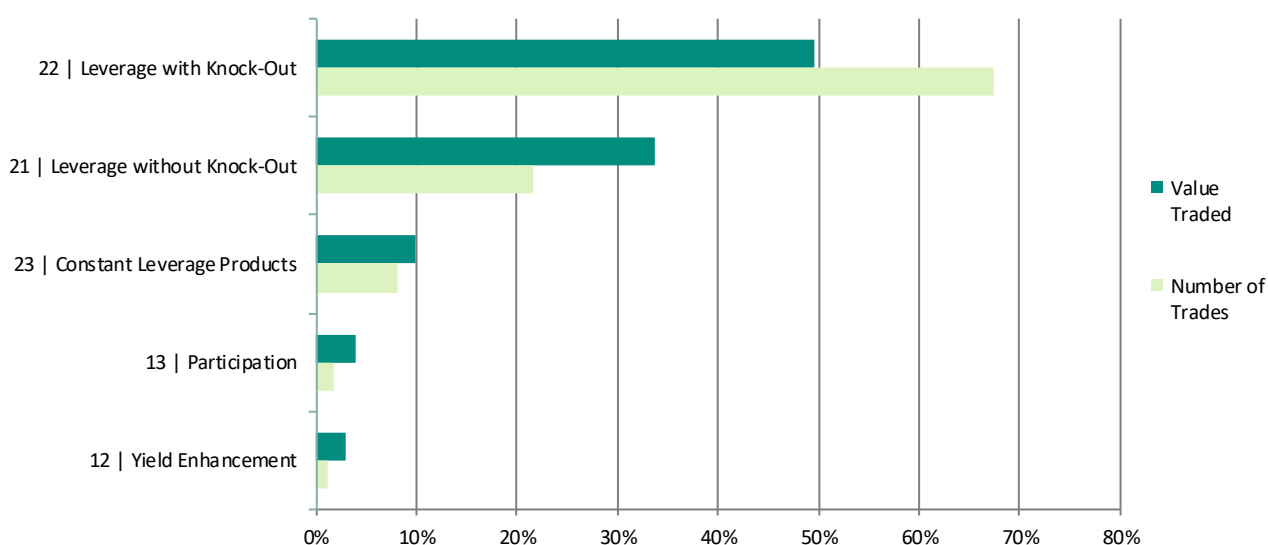
Market Overview

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	6,096	-15.5%	-7.2%	49.6%	2,966	-13.0%	-5.1%	67.4%
21 Leverage without Knock-Out	4,141	-0.2%	12.6%	33.7%	952	-16.6%	-12.9%	21.6%
23 Constant Leverage Products	1,218	-9.6%	-28%	9.9%	357	-16.7%	-20.9%	8.1%
13 Participation	481	26%	15.9%	3.9%	77	2.1%	19.2%	1.7%
12 Yield Enhancement	359	95%	43%	2.9%	48	23.4%	1.3%	1.1%
Total	12,295	-7.4%	-2.5%	100%	4,399	-13.6%	-8.0%	100%

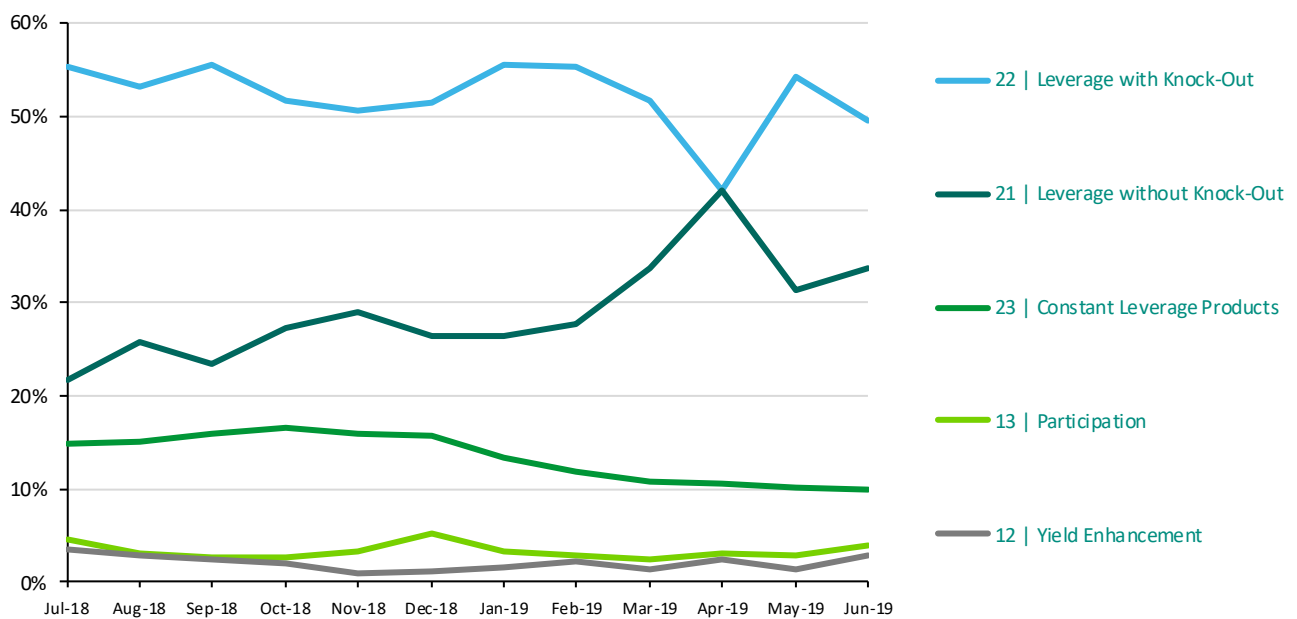
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

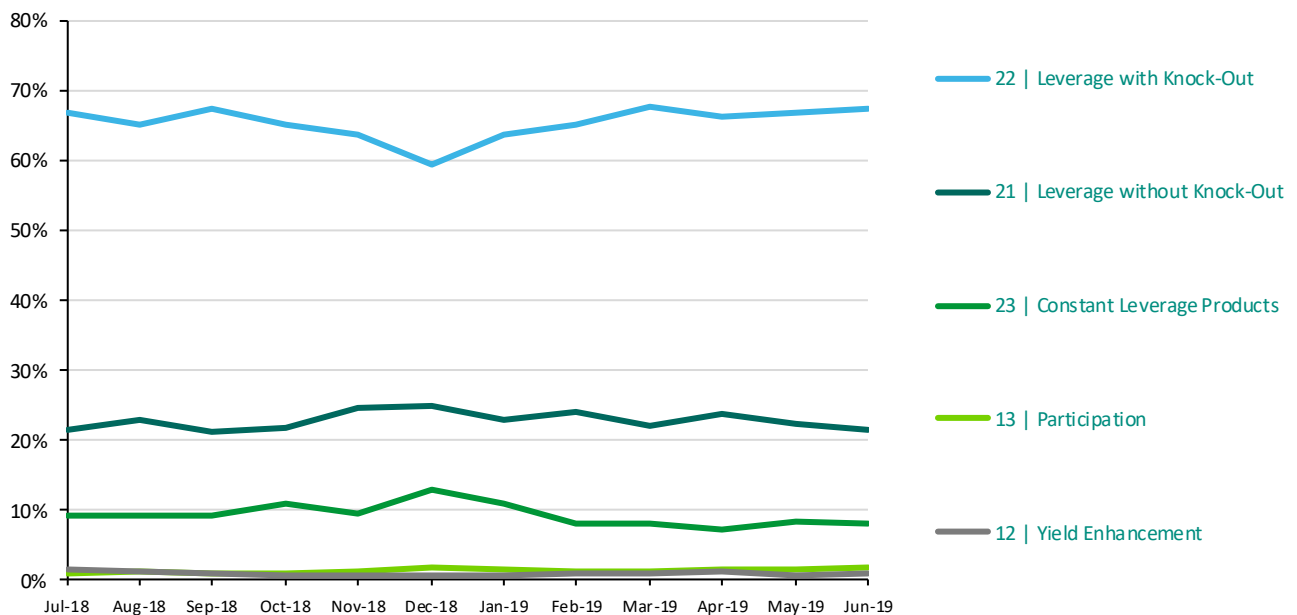
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

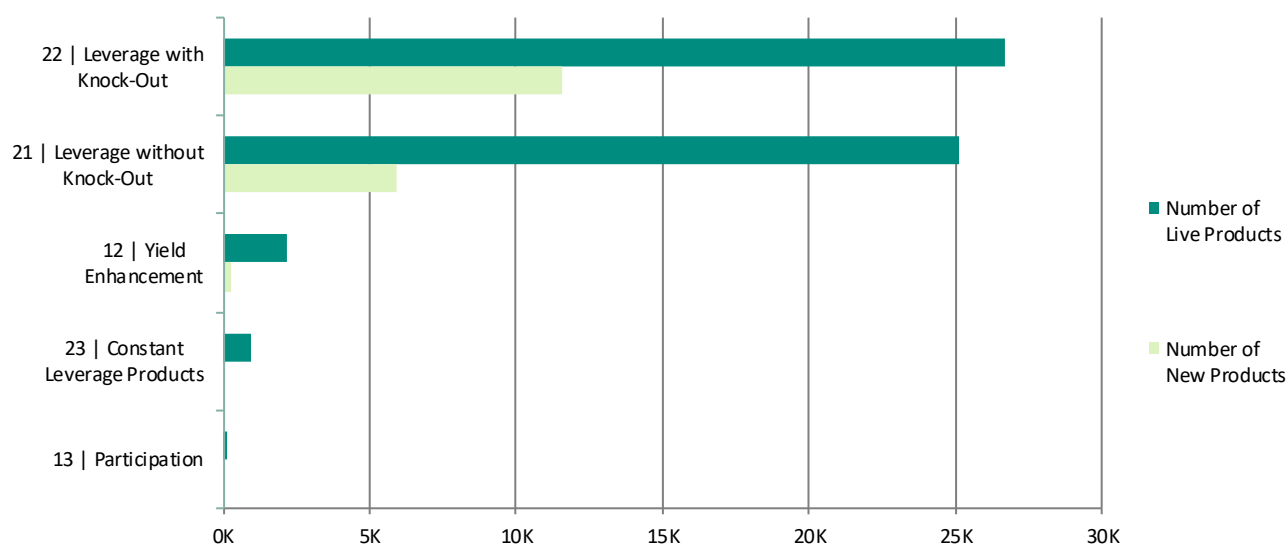
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	26,693	5.2%	16.3%	48.5%	11,550	-2.6%	15.8%	65.0%
21 Leverage without Knock-Out	25,123	3.2%	17.8%	45.7%	5,942	24%	43%	33.4%
12 Yield Enhancement	2,153	2.0%	26%	3.9%	255	4.5%	6.0%	1.4%
23 Constant Leverage Products	912	6.1%	13.7%	1.7%	18	-89%	-56%	0.1%
13 Participation	124	-5.4%	-14.6%	0.2%	0	-100%	-100%	0.0%
Total	55,004	4.2%	17.2%	100%	17,765	4.0%	23.2%	100%

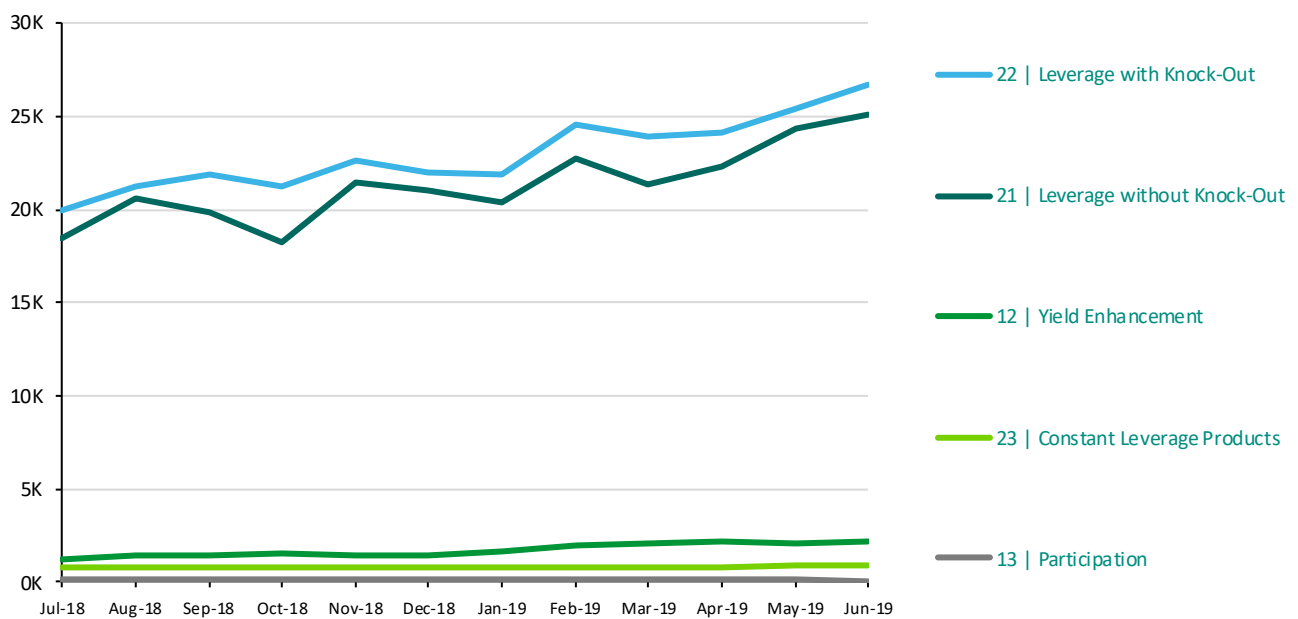
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

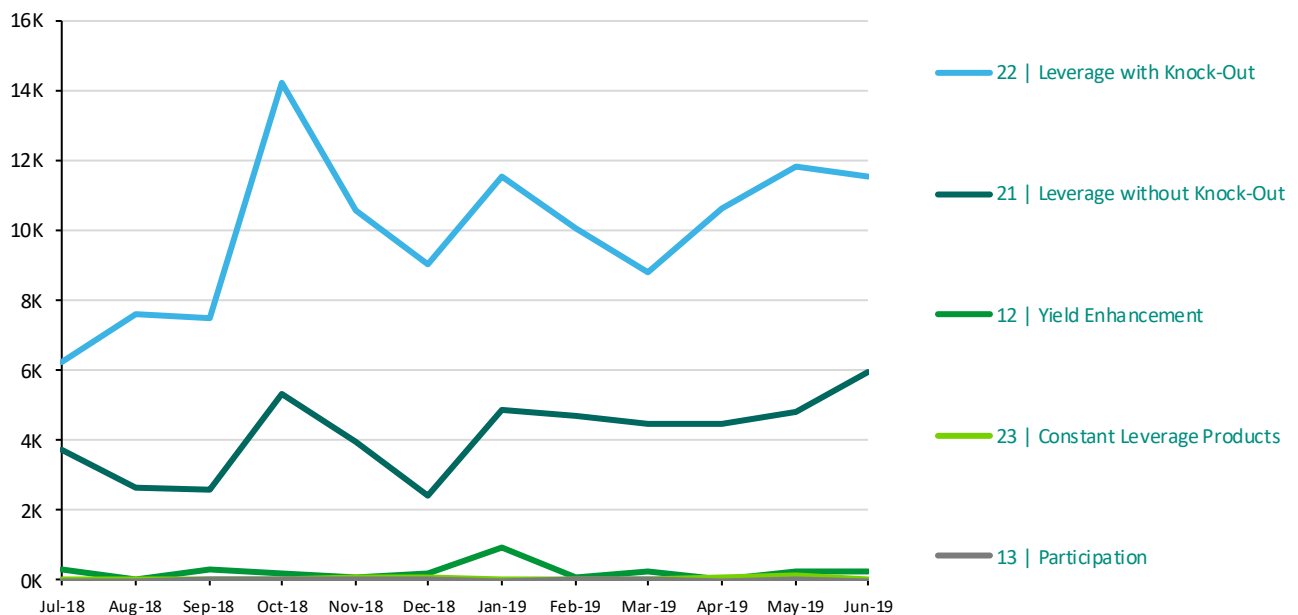
Product Trend: Number of Live Products

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)

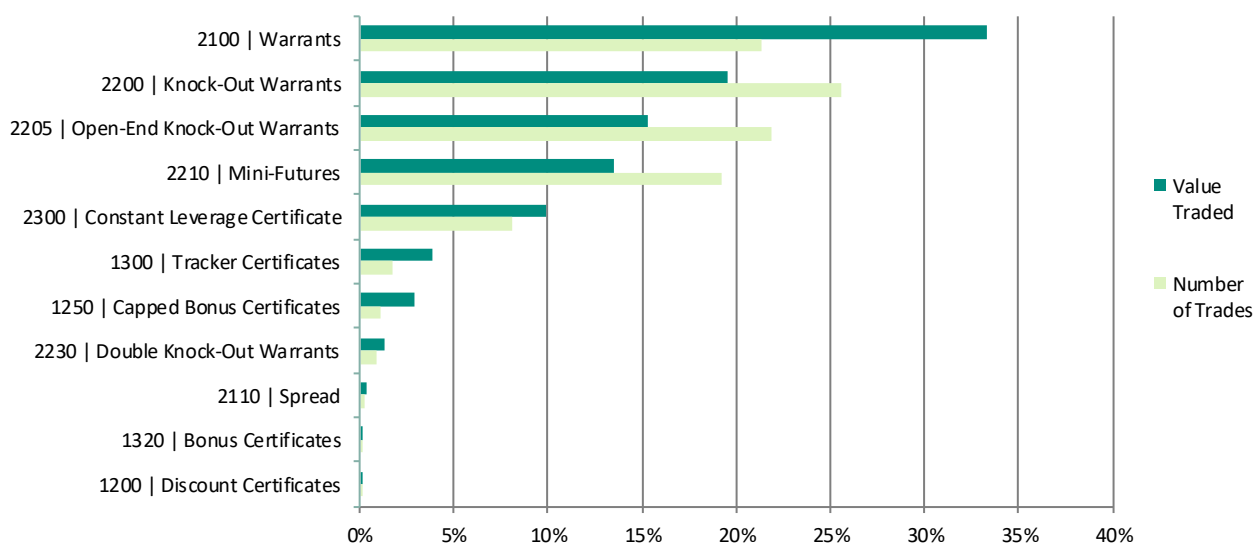
Market Overview

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	4,102	-0.7%	12.4%	33.4%	940	-16.8%	-13.2%	21.4%
2200 Knock-Out Warrants	2,403	-24%	-16.4%	19.5%	1,124	-19.2%	-10.7%	25.5%
2205 Open-End Knock-Out Warrants	1,878	-17.1%	0.8%	15.3%	960	-17.2%	-2.8%	21.8%
2210 Mini-Futures	1,657	2.7%	-5.8%	13.5%	844	3.3%	-1.7%	19.2%
2300 Constant Leverage Certificate	1,218	-9.6%	-28%	9.9%	357	-16.7%	-21%	8.1%
1300 Tracker Certificates	480	26%	16.1%	3.9%	76	2.1%	19.5%	1.7%
1250 Capped Bonus Certificates	359	96%	43%	2.9%	48	24%	1.9%	1.1%
2230 Double Knock-Out Warrants	157	-12.1%	106%	1.3%	37	-14.4%	76%	0.9%
2110 Spread	40	117%	39%	0.3%	11	11.5%	24%	0.3%
1320 Bonus Certificates	1	-38%	-55%	0.0%	0.1	-78%	-78%	0.0%
1200 Discount Certificates	0		-92%	0.0%	0.1		-86%	0.0%
Total	12,295	-7.4%	-2.5%	100%	4,399	-13.6%	-8.0%	100%

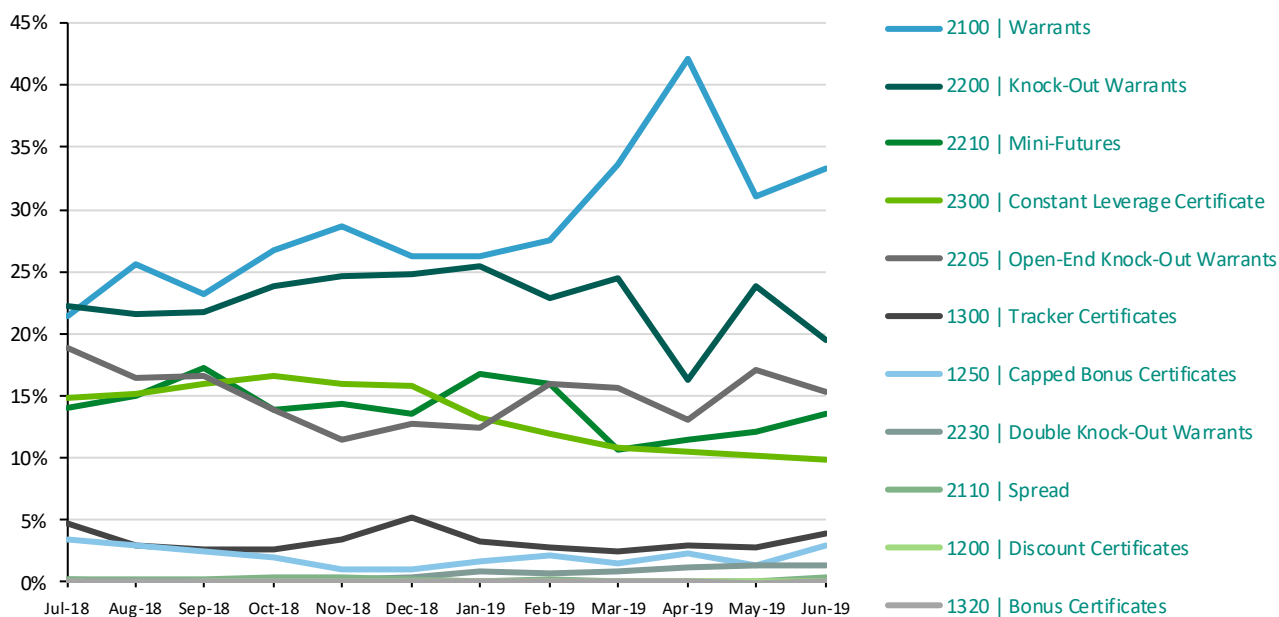
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

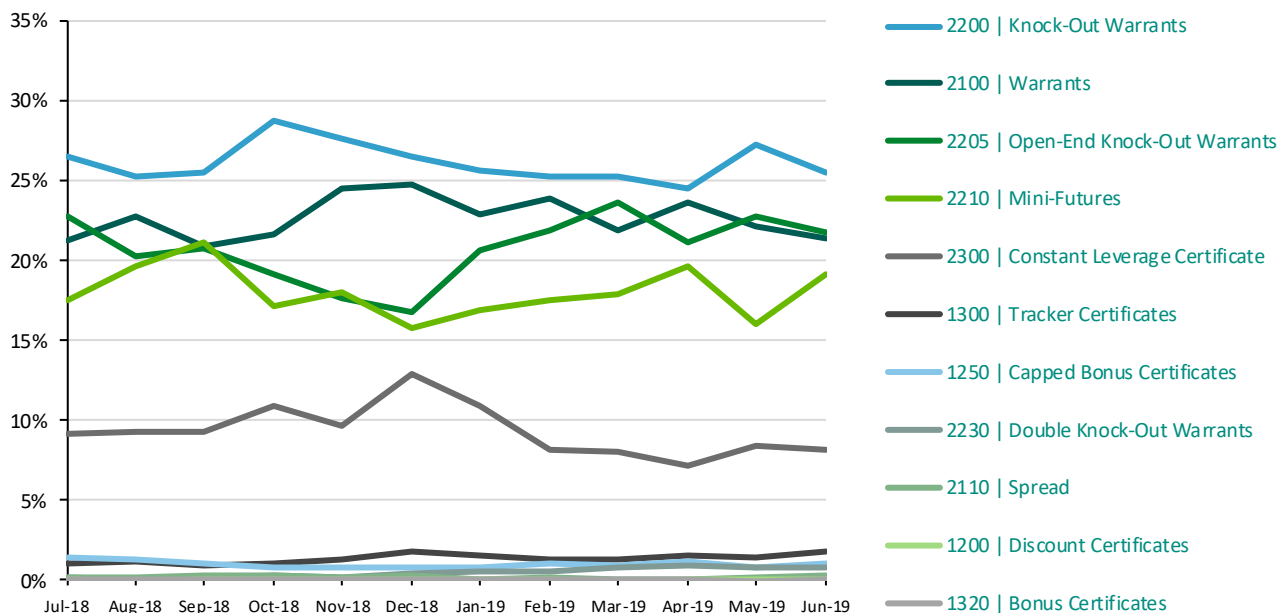
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

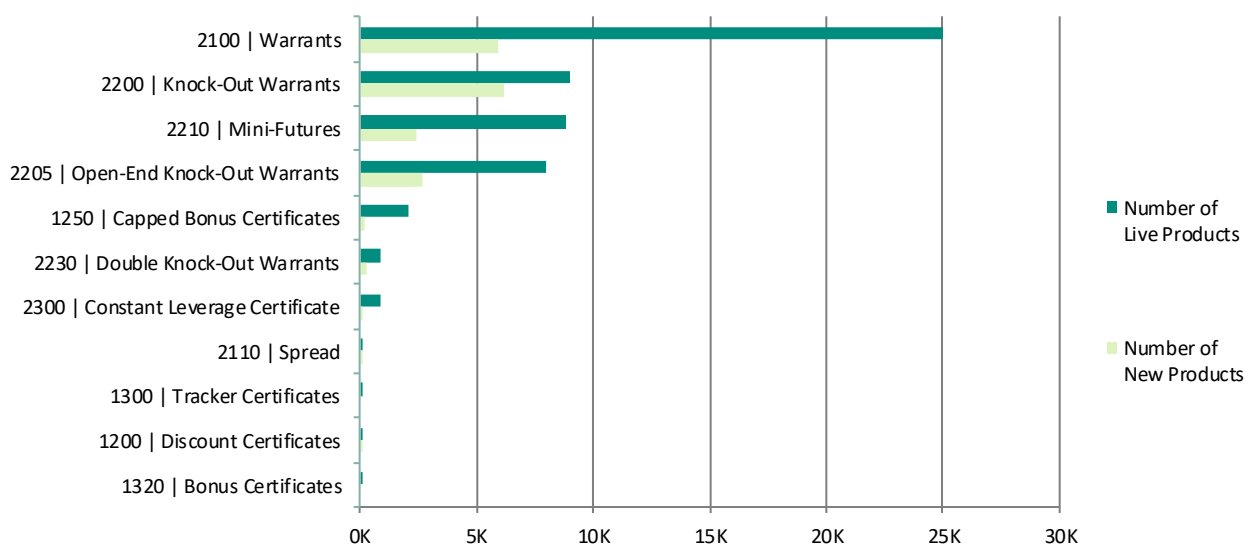
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	25,018	3.2%	17.9%	45.5%	5,927	24%	43%	33.4%
2200 Knock-Out Warrants	8,989	13.8%	32%	16.3%	6,194	-5.4%	16.7%	34.9%
2210 Mini-Futures	8,820	0.9%	8.6%	16.0%	2,401	-6.5%	12.2%	13.5%
2205 Open-End Knock-Out Warrants	7,967	0.6%	4.6%	14.5%	2,658	3.1%	12.4%	15.0%
1250 Capped Bonus Certificates	2,084	2.5%	26%	3.8%	233	-4.5%	-0.6%	1.3%
2230 Double Knock-Out Warrants	917	13.6%	138%	1.7%	297	79%	79%	1.7%
2300 Constant Leverage Certificate	912	6.1%	13.7%	1.7%	18	-89%	-56%	0.1%
2110 Spread	105	-2.4%	-2.6%	0.2%	15	-11.8%	0.6%	0.1%
1300 Tracker Certificates	92	-1.5%	-4.0%	0.2%	0	-100%	-100%	0.0%
1200 Discount Certificates	69	-10.9%	8.8%	0.1%	22		257%	0.1%
1320 Bonus Certificates	32	-15.1%	-35%	0.1%	0		-100%	0.0%
Total	55,004	4.2%	17.2%	100%	17,765	4.0%	23.2%	100%

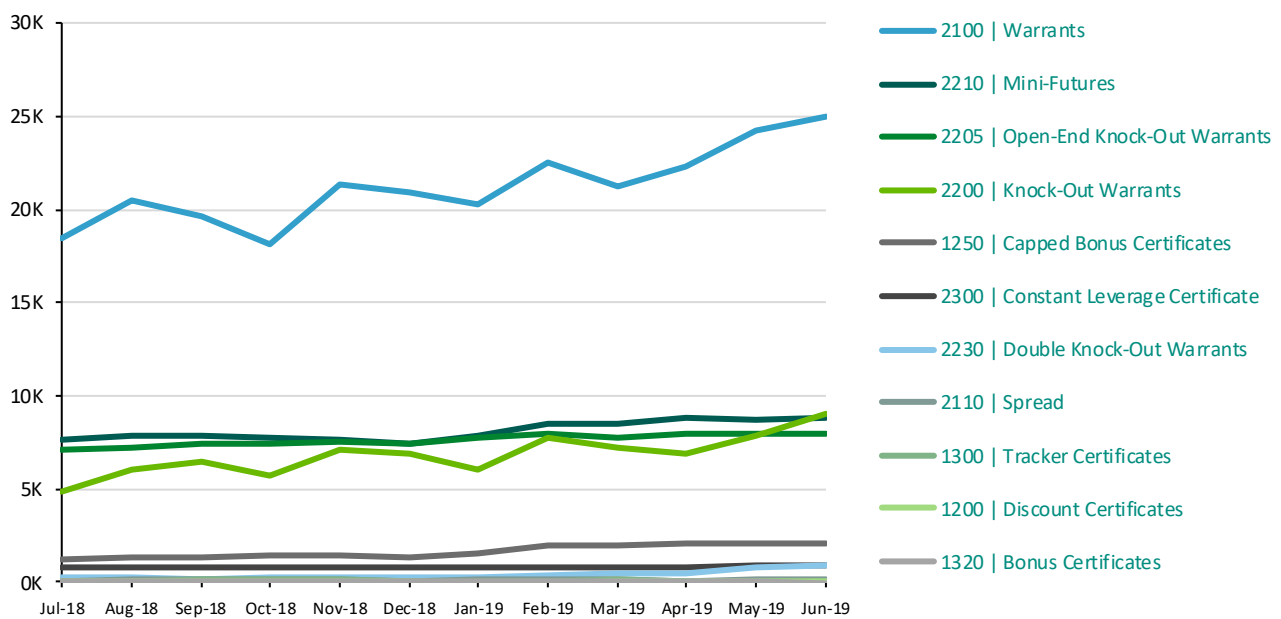
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

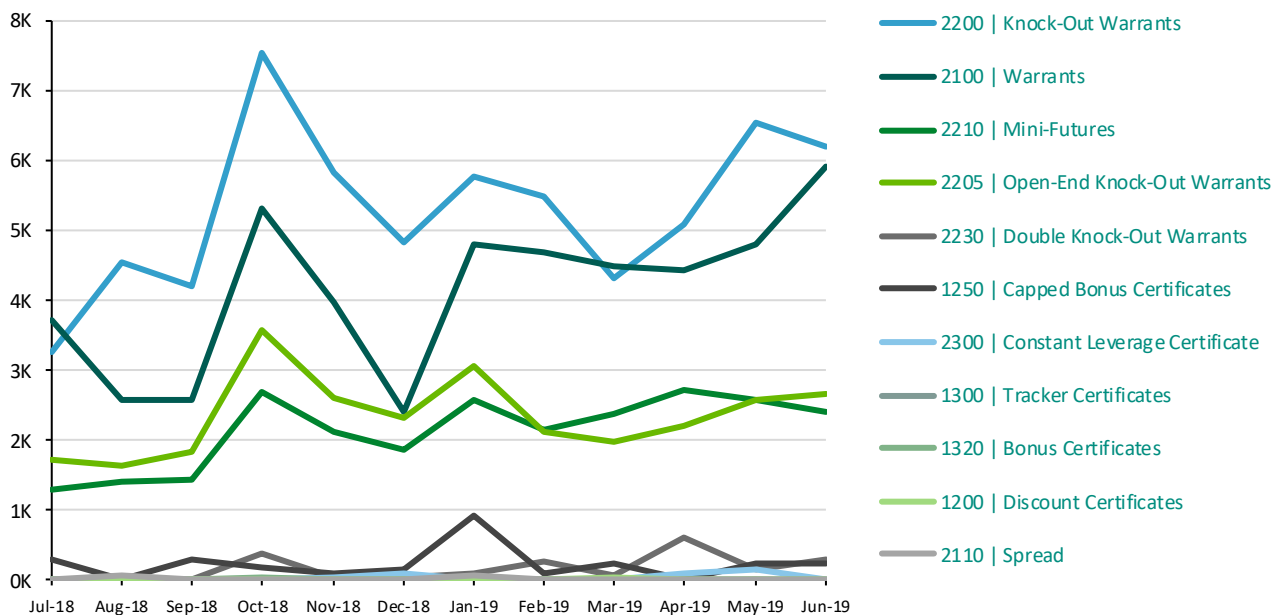
Product Trend: Number of Live Products

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

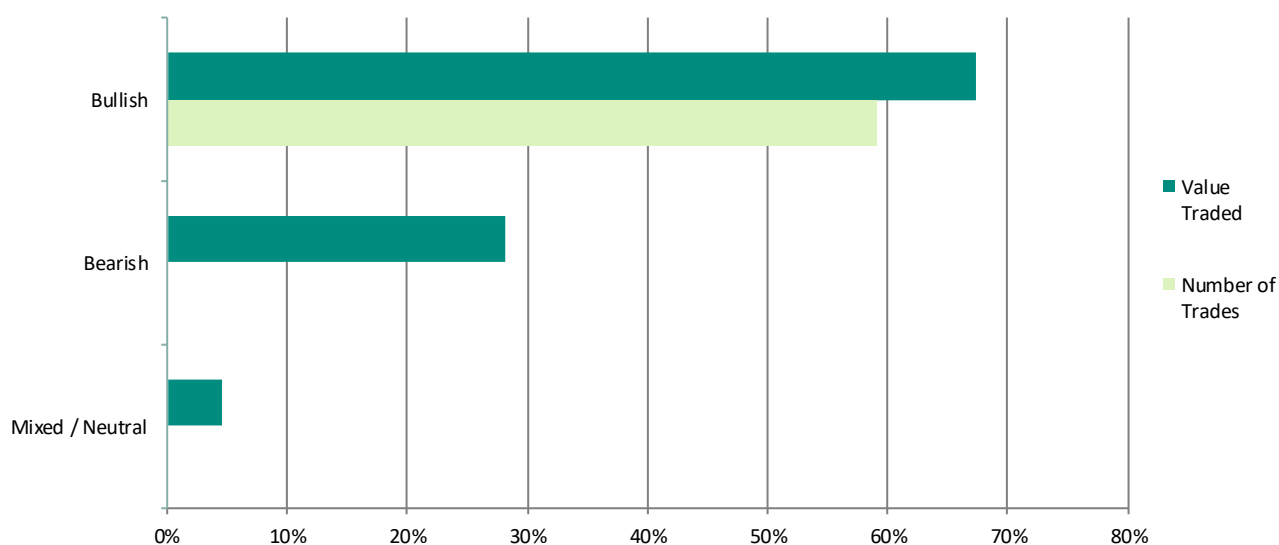
Market Overview

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	8,283	-0.8%	1.0%	67.4%	2,595	-17.6%	-12.5%	59.0%
Bearish	3,455	-24%	-14.8%	28.1%	0.0	-100%	-100%	0.0%
Mixed / Neutral	556	46%	56%	4.5%	0.0	-100%	-100%	0.0%
Total	12,295	-7.4%	-2.5%	100%	4,399	-13.6%	-8.0%	100%

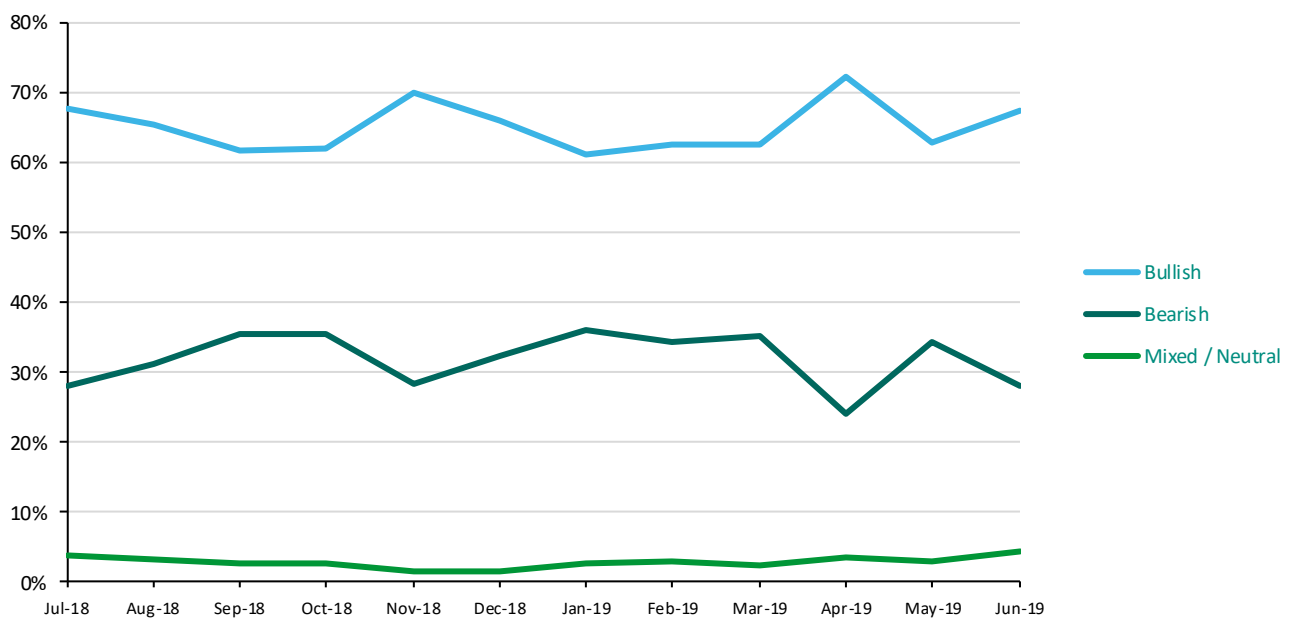
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PRODUCT STRATEGIES

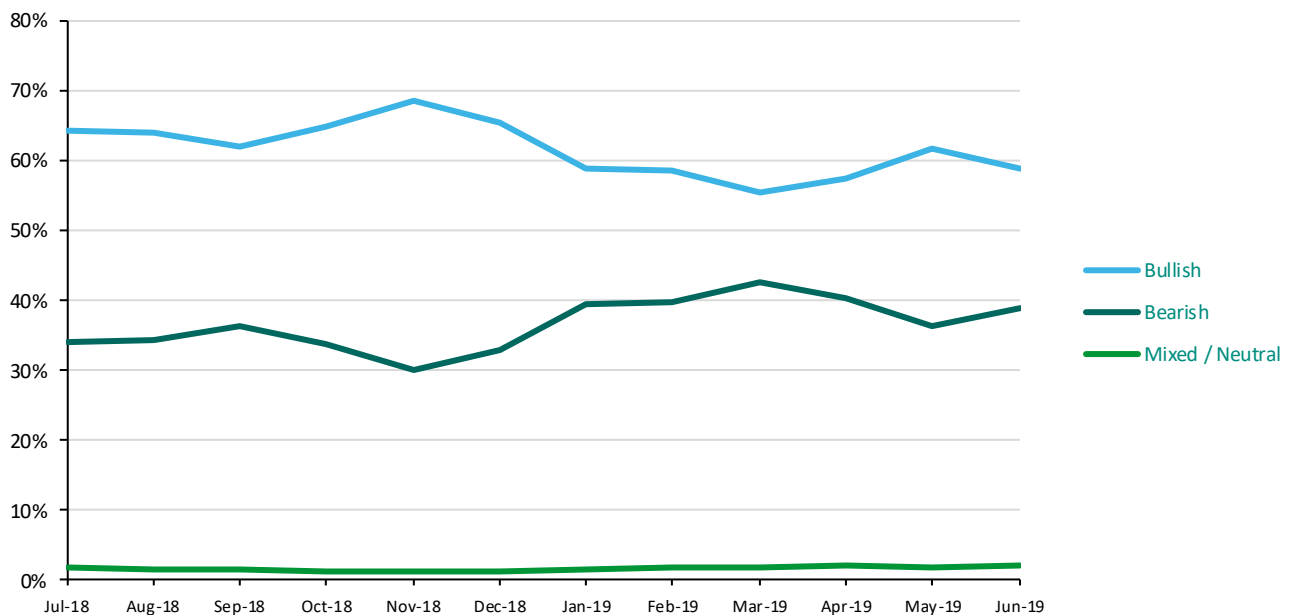
Market Trend: Value traded

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

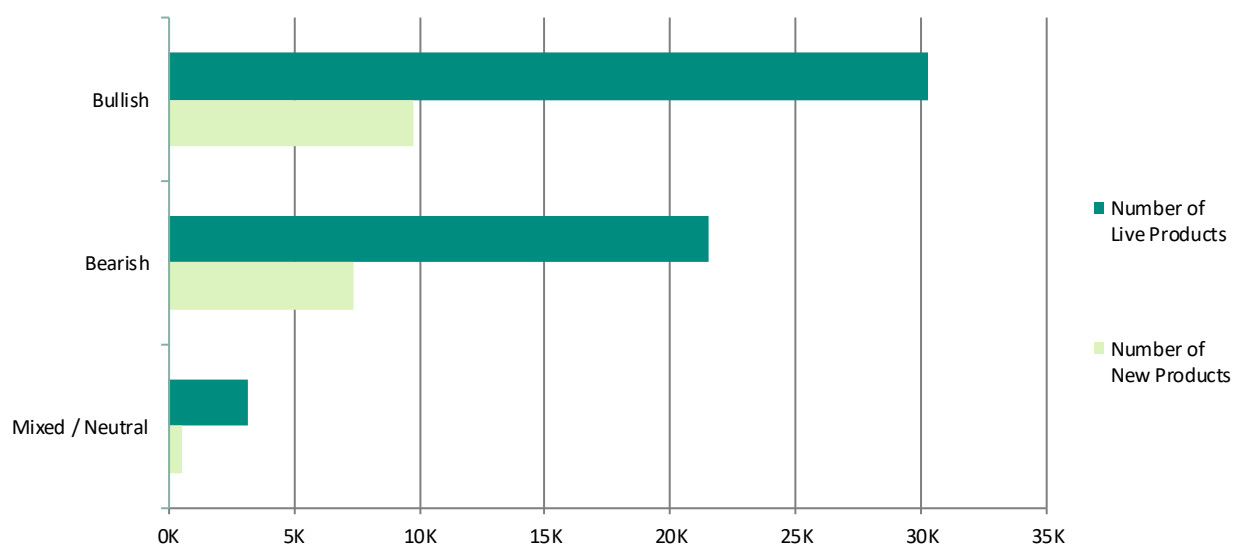
Product Overview

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	30,271	4.0%	18.6%	55.0%	9,789	19.7%	29%	55.1%
Bearish	21,558	4.3%	12.4%	39.2%	7,409	-12.6%	16.1%	41.7%
Mixed / Neutral	3,175	5.0%	44%	5.8%	567	33%	35%	3.2%
Total	55,004	4.2%	17.2%	100%	17,765	4.0%	23.2%	100%

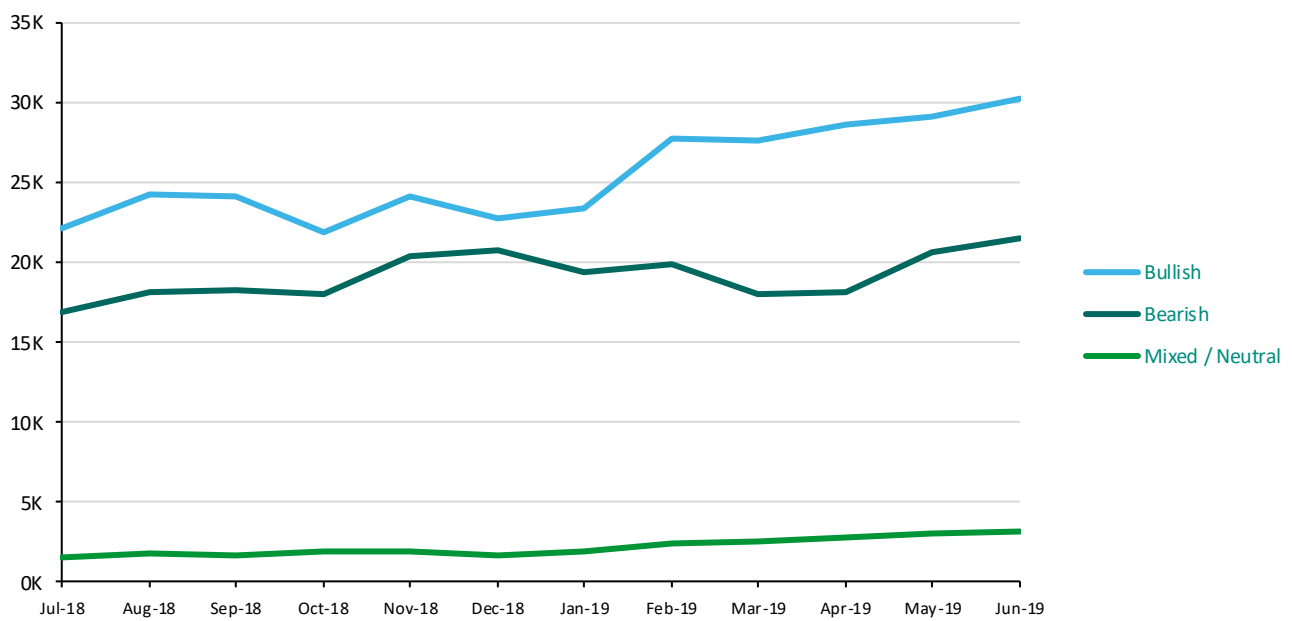
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PRODUCT STRATEGIES

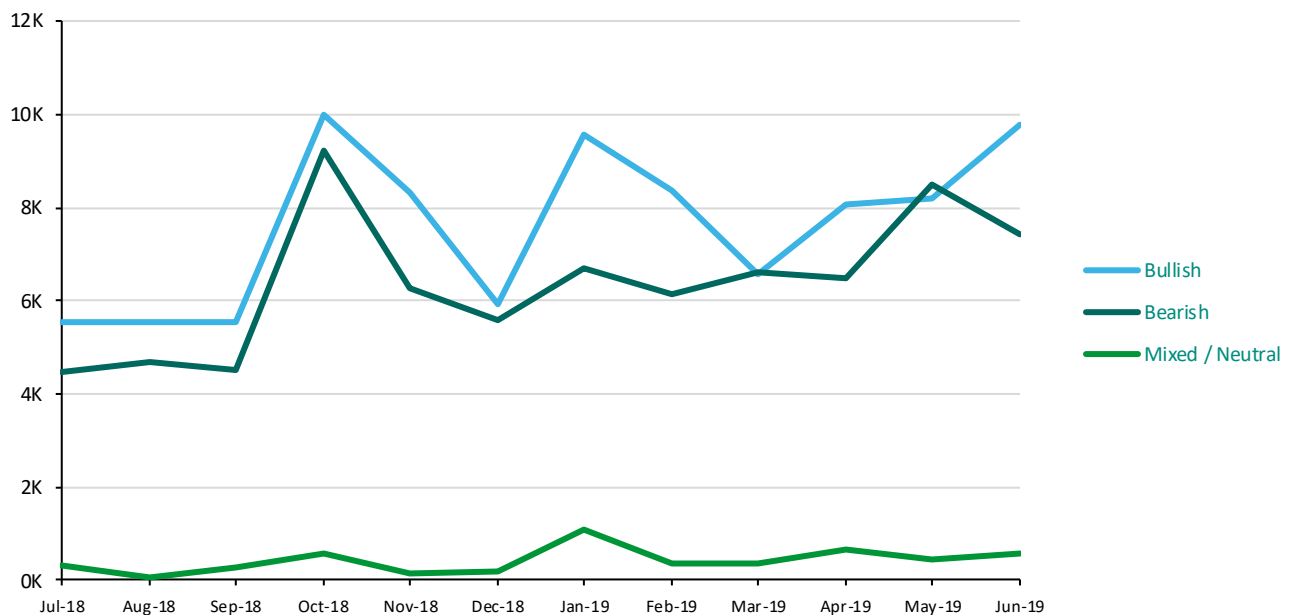
Product Trend: Number of Live Products

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

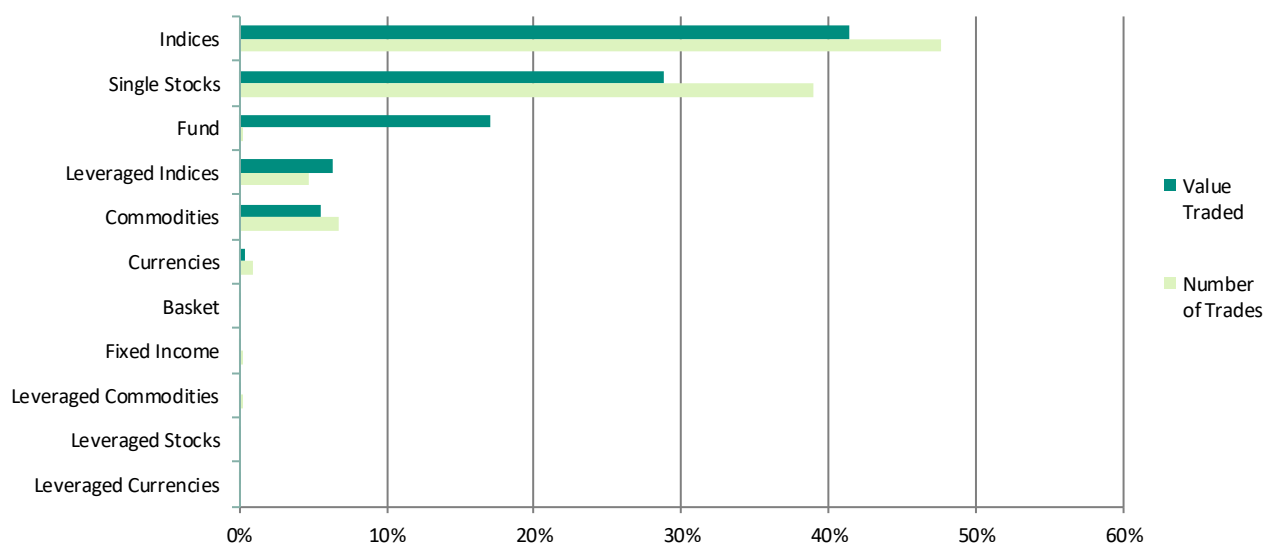
Market Overview

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	5,087	-25%	-12.9%	41.4%	2,096	-23.2%	-9.5%	47.6%
Single Stocks	3,547	0.9%	-7.5%	28.9%	1,716	-4.8%	-4.9%	39.0%
Fund	2,095	31%	94%	17.0%	13	8.3%	-8.3%	0.3%
Leveraged Indices	774	-4.0%	-25%	6.3%	205	-16.5%	-17.4%	4.7%
Commodities	685	31%	2.1%	5.6%	298	18.1%	-0.6%	6.8%
Currencies	47	11.3%	-51%	0.4%	41	15.6%	-34.3%	0.9%
Basket	19	93%	-6.5%	0.2%	1.2	-87.2%	-89.5%	0.0%
Fixed Income	17	323%	35%	0.1%	12	149.8%	60.2%	0.3%
Leveraged Commodities	16	628%	51%	0.1%	9.5	NA	0.9%	0.2%
Leveraged Stocks	5	367%	-12.8%	0.0%	7.4	287.6%	-11.2%	0.2%
Leveraged Currencies	1	-31%	-89%	0.0%	0.3	560.0%	-53.8%	0.0%
Total	12,295	-7.4%	-2.5%	100%	4,399	-13.6%	-8.0%	100%

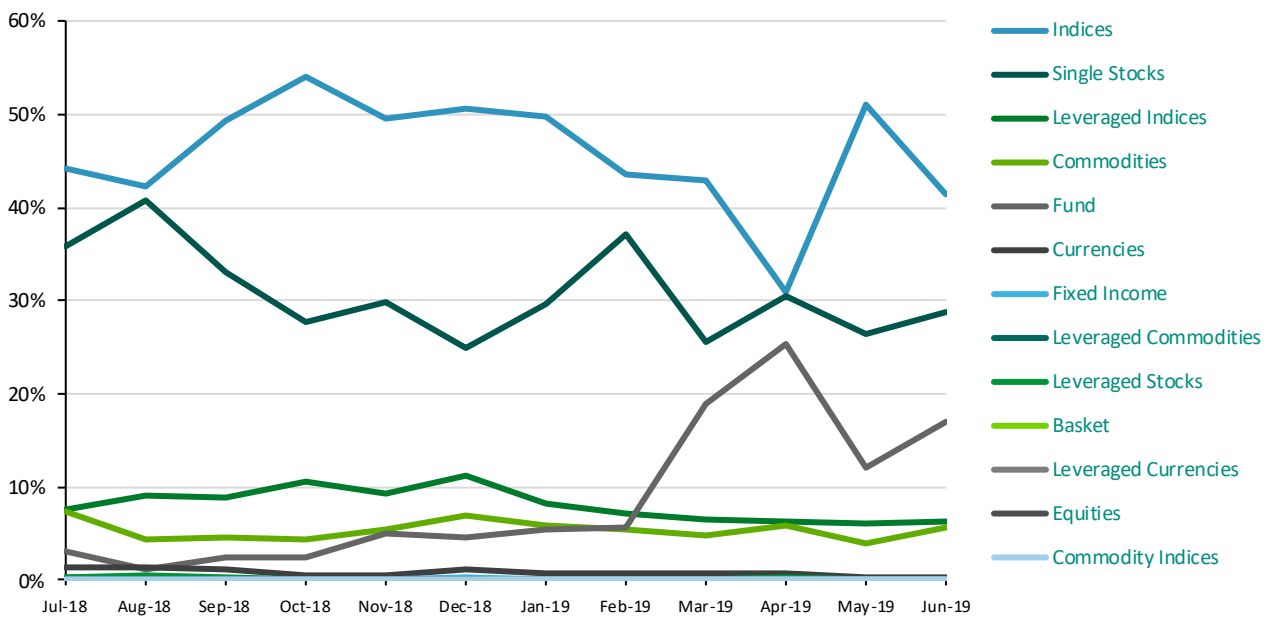
(Source Euronext)



UNDERLYING TYPES

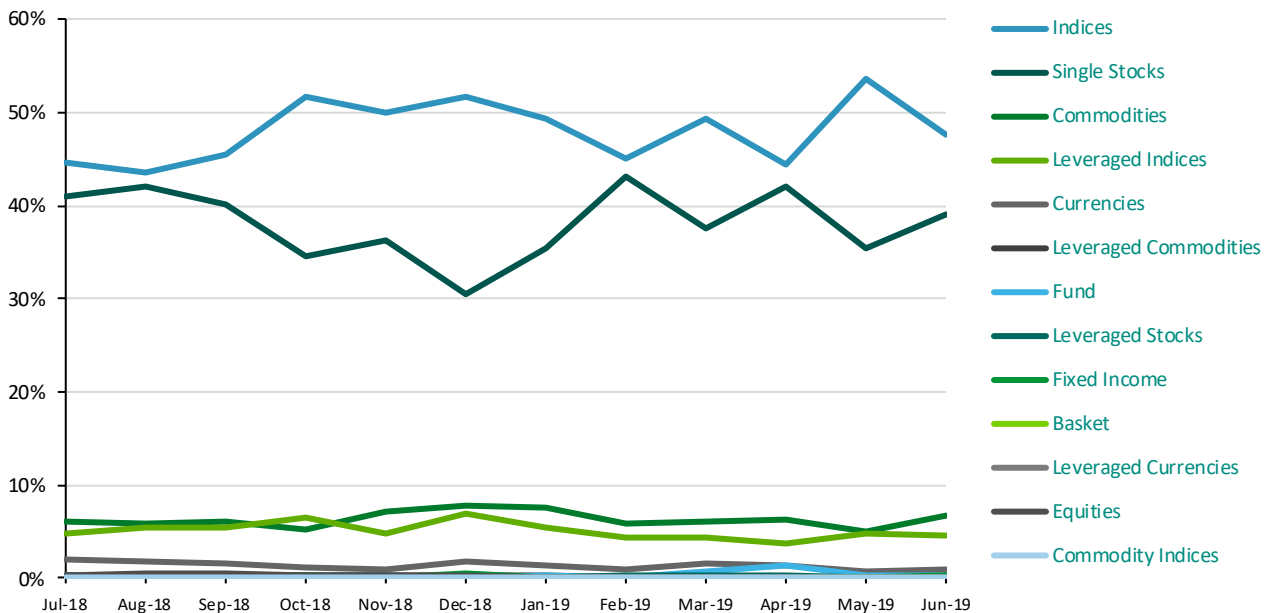
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

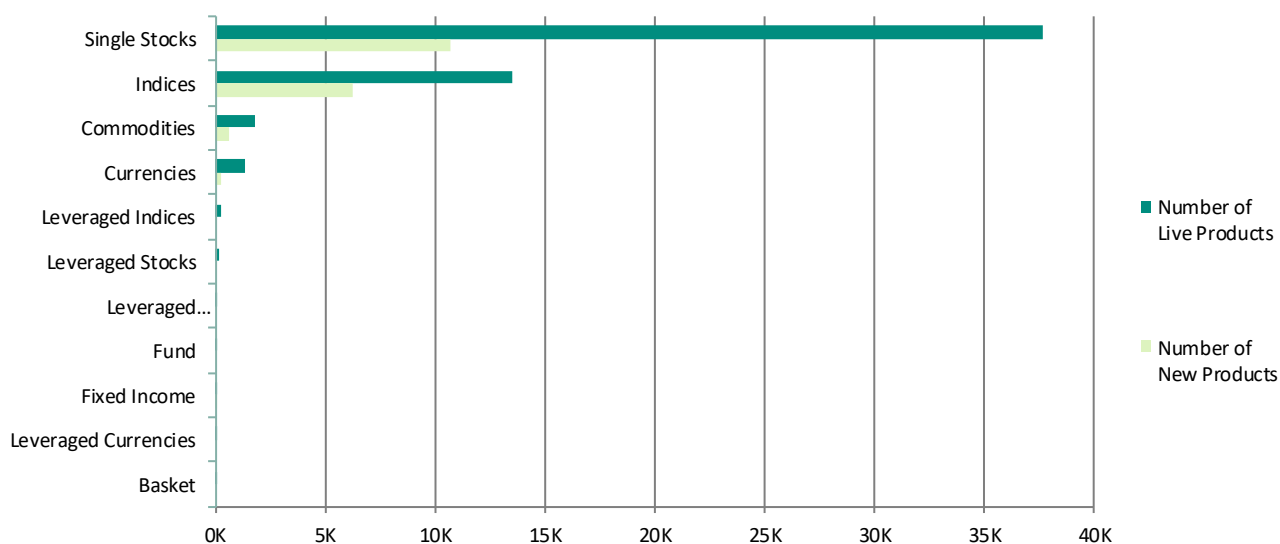
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	37,734	4.0%	18.5%	68.6%	10,683	8.7%	27%	60.1%
Indices	13,507	5.5%	17.9%	24.6%	6,212	-4.5%	15.3%	35.0%
Commodities	1,783	-0.7%	3.8%	3.2%	642	53%	50%	3.6%
Currencies	1,324	0.5%	10.2%	2.4%	224	8.7%	17.7%	1.3%
Leveraged Indices	242	-0.6%	-7.6%	0.4%	0	-100%	-100%	0.0%
Leveraged Stocks	156	-1.1%	23%	0.3%	0		-100%	0.0%
Leveraged Commodities	94	67%	35%	0.2%	0	-100%	-100%	0.0%
Fund	85	-3.3%	8.3%	0.2%	0	-100%	-100%	0.0%
Fixed Income	66	5.8%	-7.1%	0.1%	4	-60%	4.3%	0.0%
Leveraged Currencies	8	0.0%	0.0%	0.0%	0			0.0%
Basket	5	13.4%	4.7%	0.0%	0			0.0%
Total	55,004	4.2%	17.2%	100%	17,765	4.0%	23%	100%

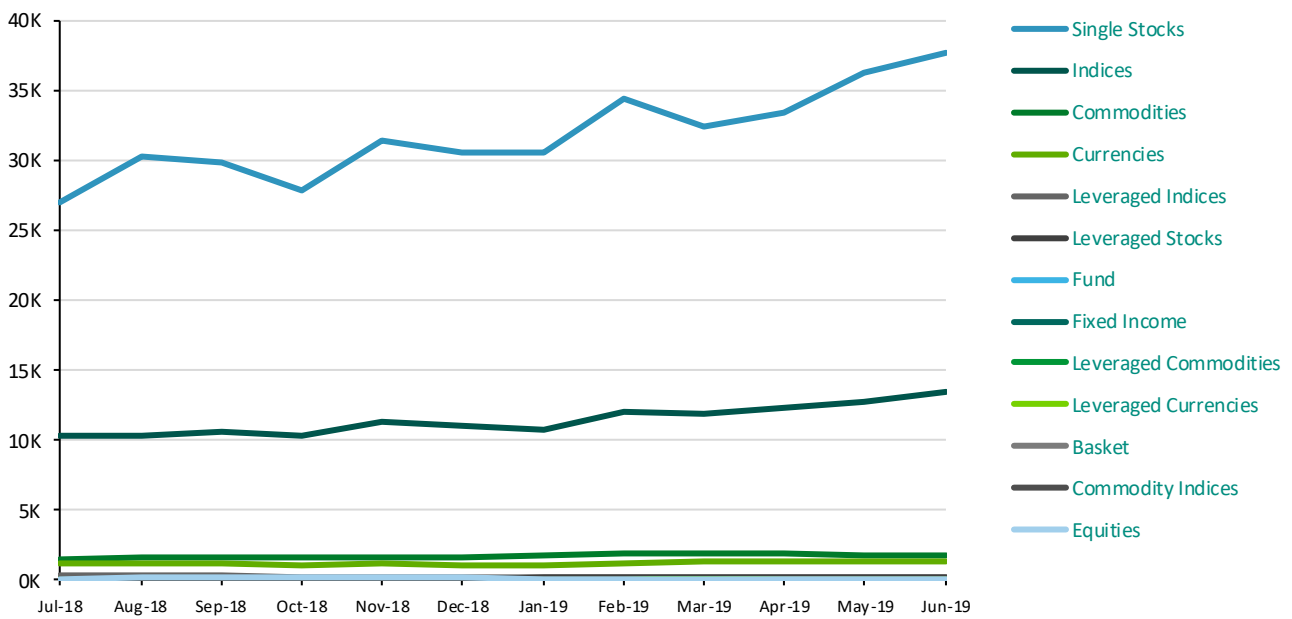
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UNDERLYING TYPES

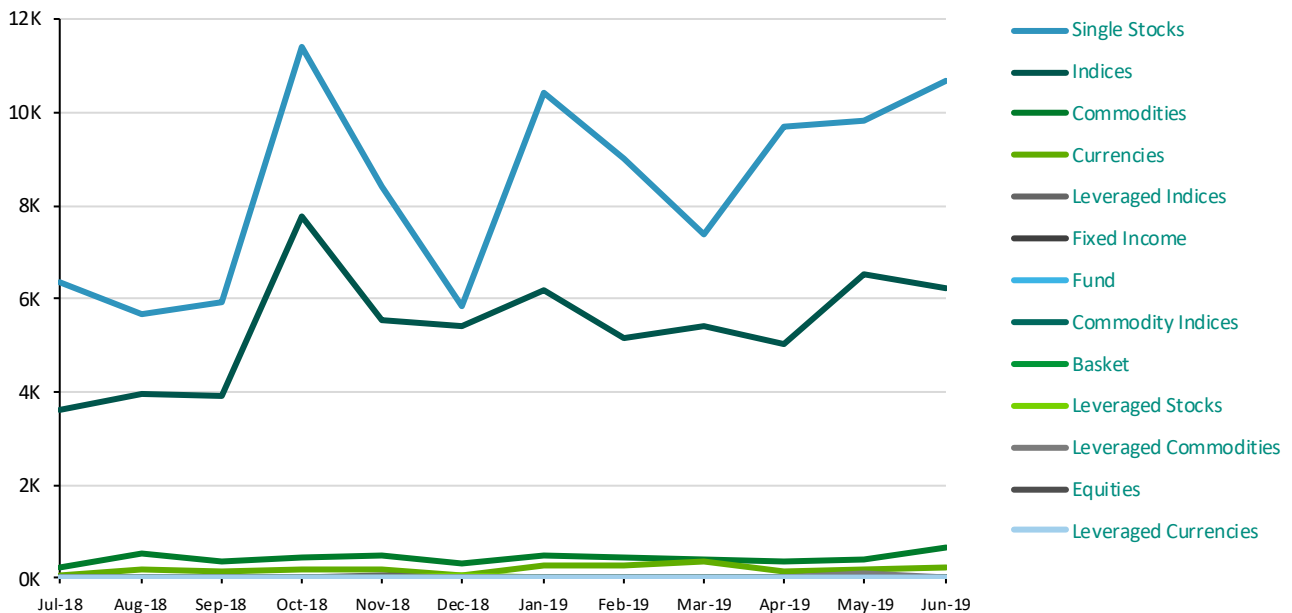
Product Trend: Number of Live Products

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

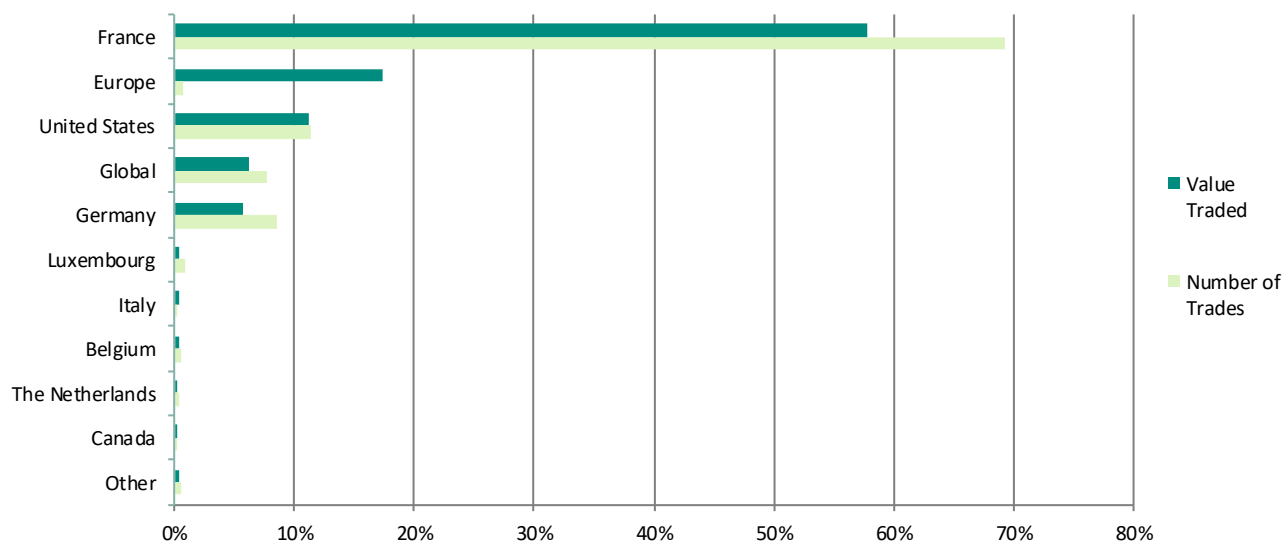
Market Overview

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	7,120	-7.5%	-9.7%	57.9%	3,049	-13.4%	-9.2%	69.3%
Europe	2,134	7.7%	28%	17.4%	34	-95%	-94%	0.8%
United States	1,373	-18.6%	20%	11.2%	497	898%	NA	11.3%
Global	768	-27%	-19.9%	6.2%	335	-23%	-17.6%	7.6%
Germany	698	14.5%	-5.2%	5.7%	372	31%	10.6%	8.4%
Luxembourg	52	-25%	-3.2%	0.4%	41	125%	13.2%	0.9%
Italy	42	-18.9%	-9.6%	0.3%	6.0	-77%	-52%	0.1%
Belgium	37	-28%	-10.3%	0.3%	26	-41%	23%	0.6%
The Netherlands	25	-18.7%	9.8%	0.2%	15	109%	104%	0.3%
Canada	13	-26%	-33%	0.1%	5.6	71%	-45%	0.1%
Other	32	1.0%	2.7%	0.3%	19	-15.6%		0.4%
Total	12,295	-7.4%	-2.5%	100%	4,399	-13.6%	-8.0%	100%

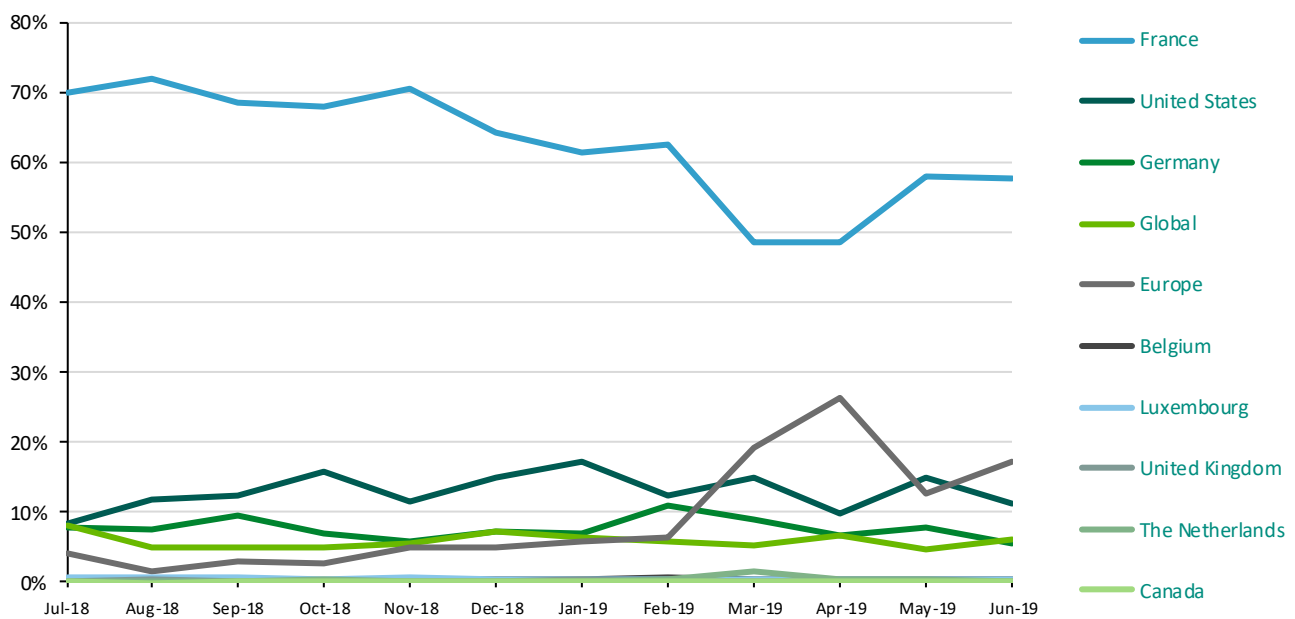
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

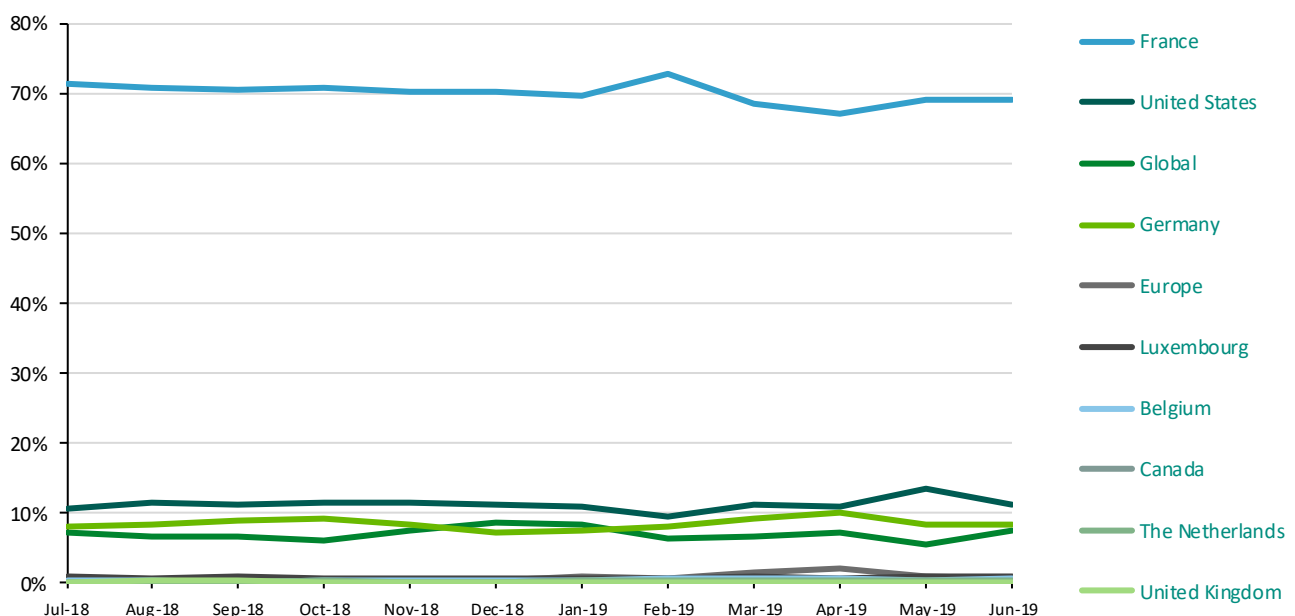
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

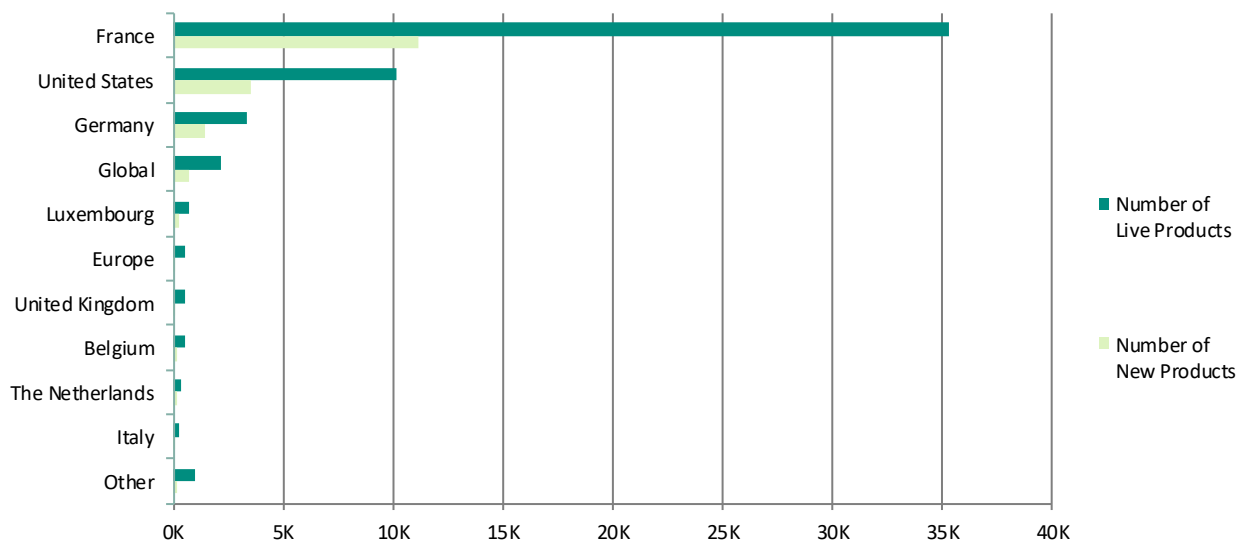
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	35,366	3.5%	14.7%	64.3%	11,183	5.4%	17.1%	62.9%
United States	10,184	7.0%	38%	18.5%	3,477	-5.7%	41%	19.6%
Germany	3,330	10.6%	14.8%	6.1%	1,466	19.2%	36%	8.3%
Global	2,203	2.5%	9.0%	4.0%	727	27%	53%	4.1%
Luxembourg	680	-4.4%	-15.3%	1.2%	247	-26%	7.5%	1.4%
Europe	565	-3.0%	-1.5%	1.0%	79	-31%	-26%	0.4%
United Kingdom	534	3.1%	23%	1.0%	109	12.4%	19.9%	0.6%
Belgium	533	4.9%	35%	1.0%	135	8.9%	29%	0.8%
The Netherlands	363	1.6%	18.5%	0.7%	142	100%	66%	0.8%
Italy	258	4.0%	-25%	0.5%	39	-28%	-11.2%	0.2%
Other	990	-4.0%	5.8%	1.8%	161	-13.0%	-13.2%	0.9%
Total	55,004	4.2%	17.2%	100%	17,765	4.0%	23.2%	100%

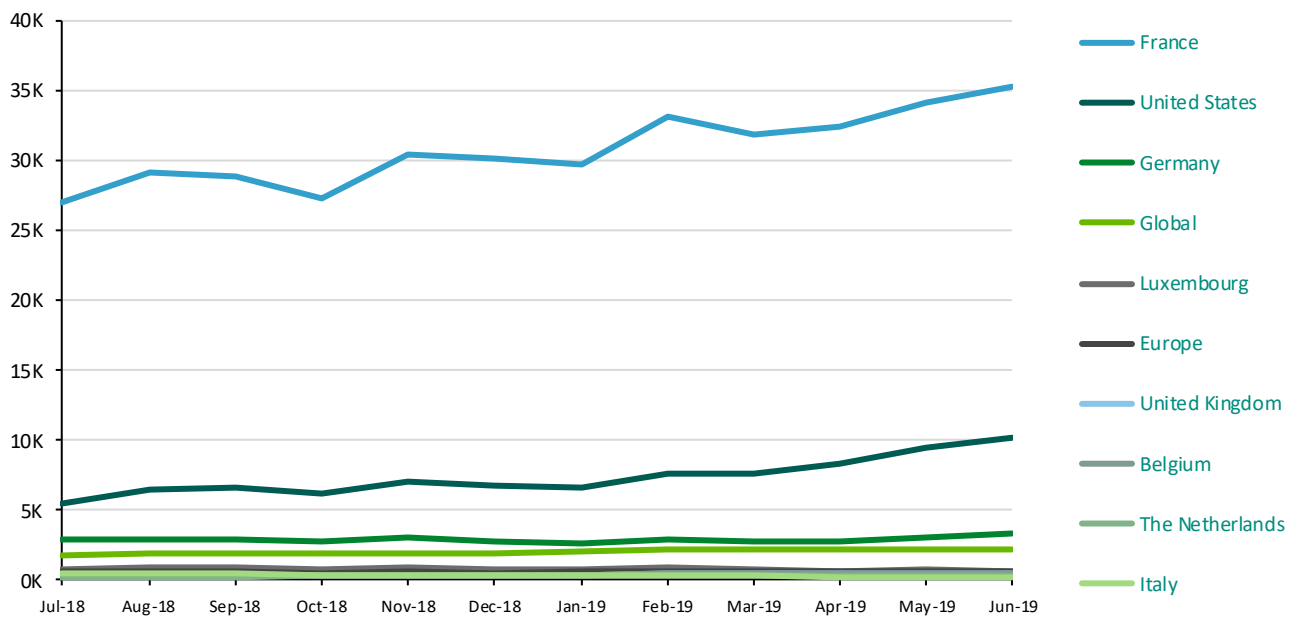
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

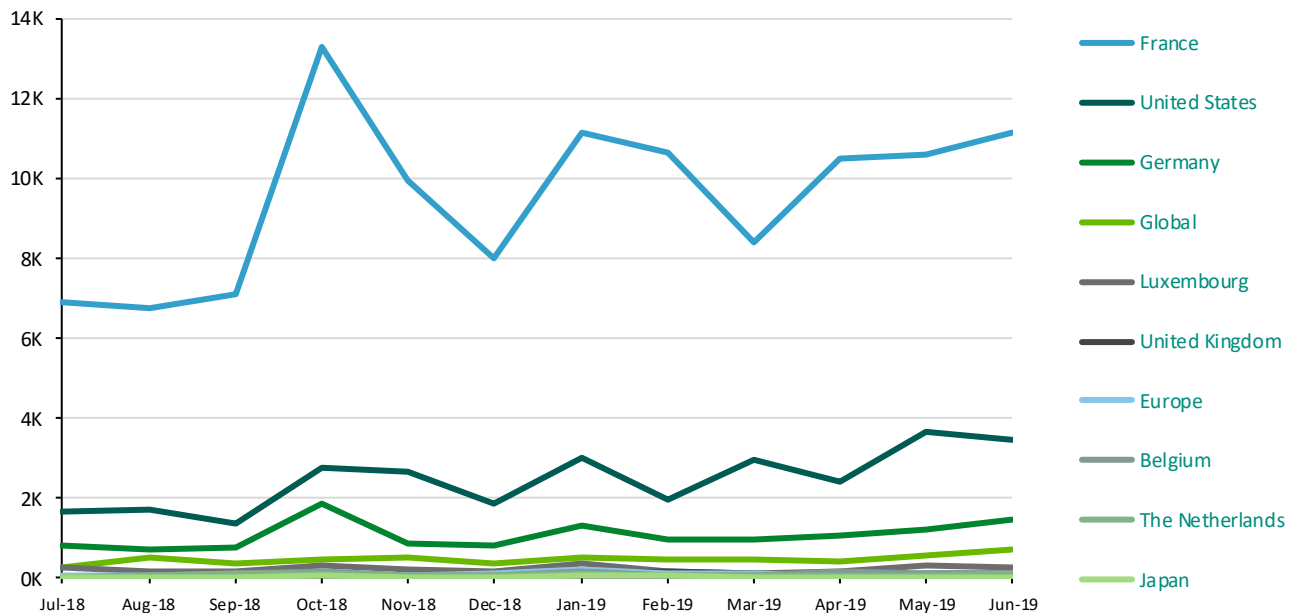
Product Trend: Number of Live Products

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

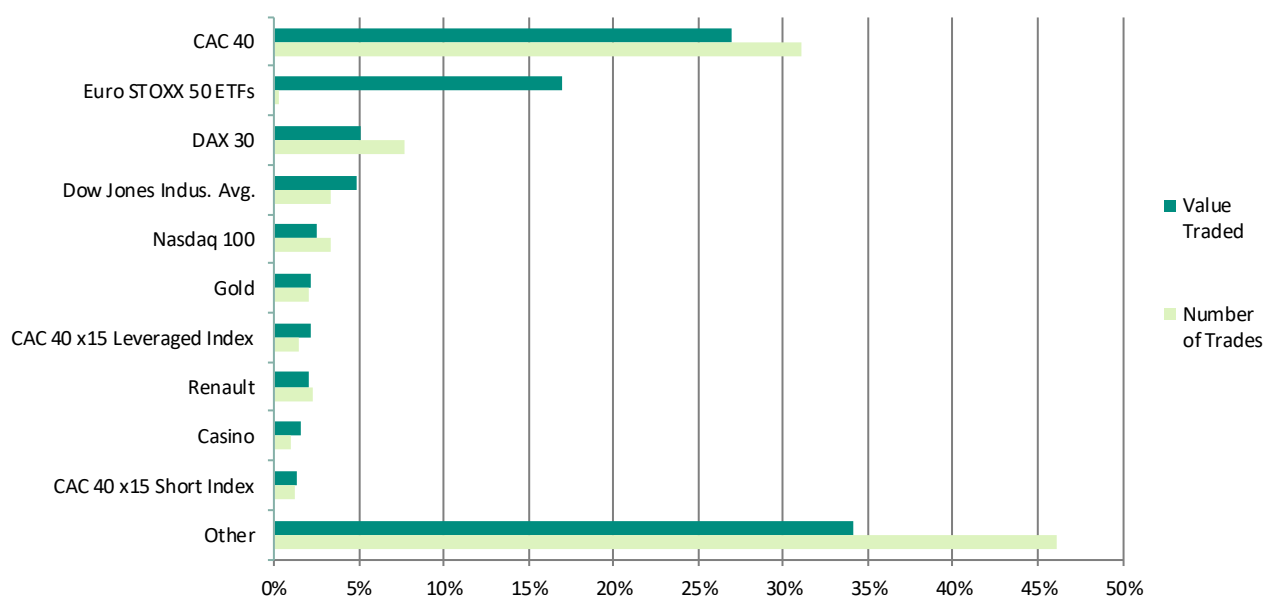
Market Overview

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	3,320	-14.3%	-7.2%	27.0%	1,369	-20.9%	-10.4%	31.1%
Euro STOXX 50 ETFs	2,094	31%	94%	17.0%	13	7.0%	-8.8%	0.3%
DAX 30	628	-39%	-29%	5.1%	337	37%	-8.9%	7.7%
Dow Jones Indus. Avg.	599	-38%	12.7%	4.9%	148	-63%	-2.4%	3.4%
Nasdaq 100	311	-28%	-25%	2.5%	147	-26%	1.3%	3.3%
Gold	263	2.5%	-6.9%	2.1%	90	18.0%	28%	2.0%
CAC 40 x15 Leveraged Index	263	11.9%	25%	2.1%	62	-33%	13.1%	1.4%
Renault	254	9.1%	29%	2.1%	103	-5.8%	17.8%	2.3%
Casino	199	-5.7%	3.0%	1.6%	46	-14.2%	-35%	1.0%
CAC 40 x15 Short Index	162	-18.9%	-15.3%	1.3%	54	-49%	-19.4%	1.2%
Other	4,201	-1.0%	-16.7%	34.2%	2,029	-1.6%	-8.7%	46.1%
Total	12,295	-7.4%	-2.5%	100%	4,399	-13.6%	-8.0%	100%

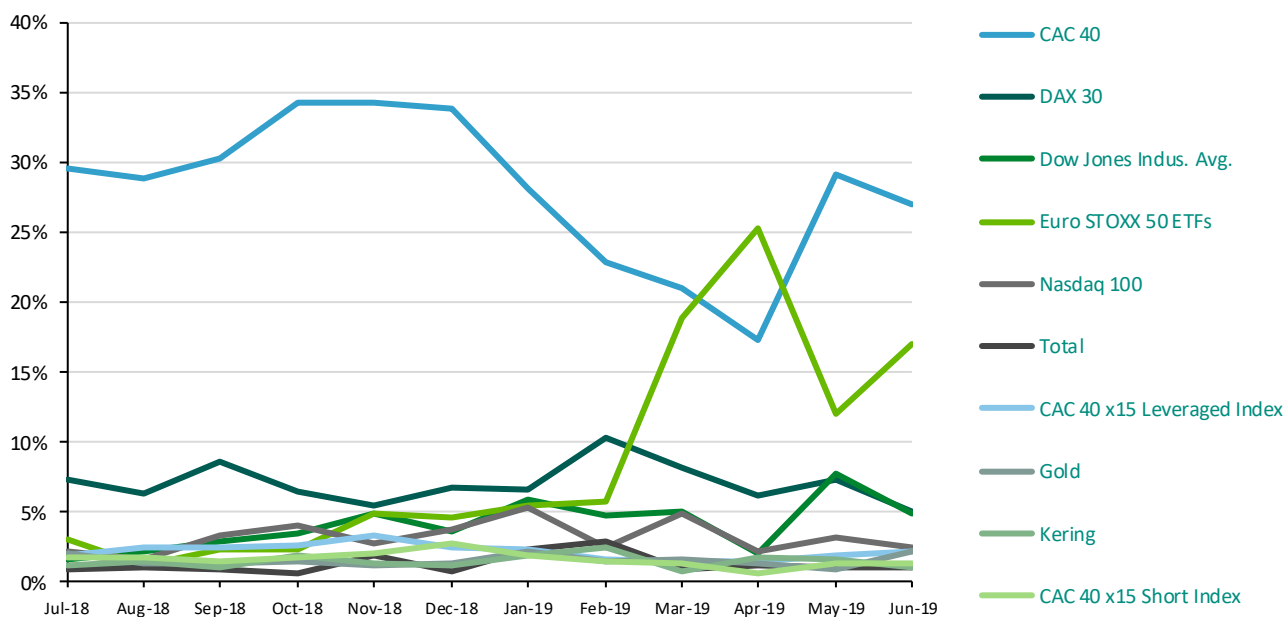
(Source Euronext)



TOP 10 UNDERLYINGS

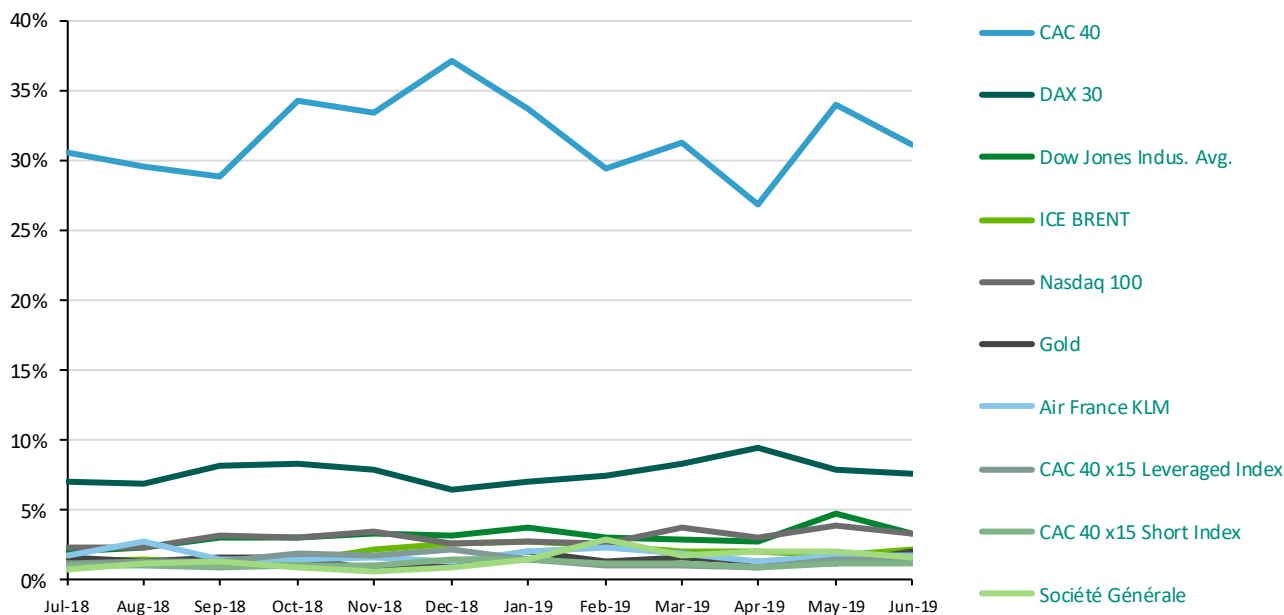
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

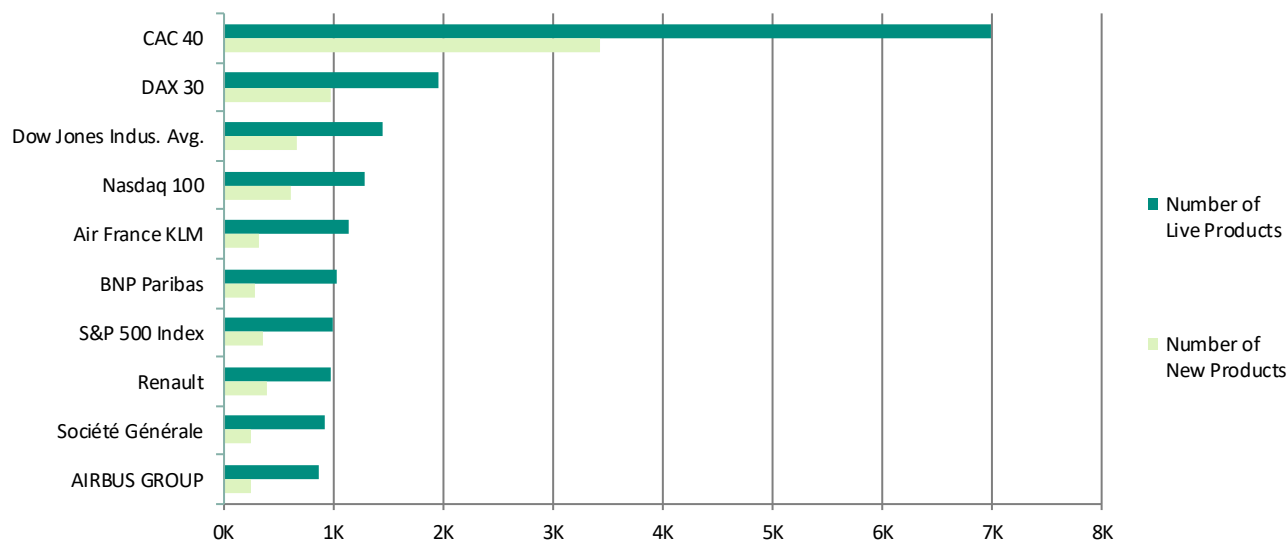
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	6,989	3.4%	11.7%	12.7%	3,430	-10.7%	4.4%	19.3%
DAX 30	1,956	8.9%	15.2%	3.6%	975	6.8%	24%	5.5%
Dow Jones Indus. Avg.	1,453	10.4%	37%	2.6%	675	1.4%	39%	3.8%
Nasdaq 100	1,292	8.8%	41%	2.3%	618	5.5%	44%	3.5%
Air France KLM	1,142	-2.0%	22%	2.1%	322	-49%	-11.8%	1.8%
BNP Paribas	1,040	2.6%	13.2%	1.9%	295	28%	16.0%	1.7%
S&P 500 Index	1,003	8.9%	31%	1.8%	360	0.8%	41%	2.0%
Renault	975	4.8%	13.4%	1.8%	397	7.3%	40%	2.2%
Société Générale	916	1.6%	4.1%	1.7%	250	12.6%	14.0%	1.4%
AIRBUS GROUP	869	5.8%	21%	1.6%	244	40%	11.8%	1.4%
Other	37,371	3.8%	17.1%	67.9%	10,199	12.1%	30%	57.4%
Total	55,004	4.2%	17.2%	100%	17,765	4.0%	23.2%	100%

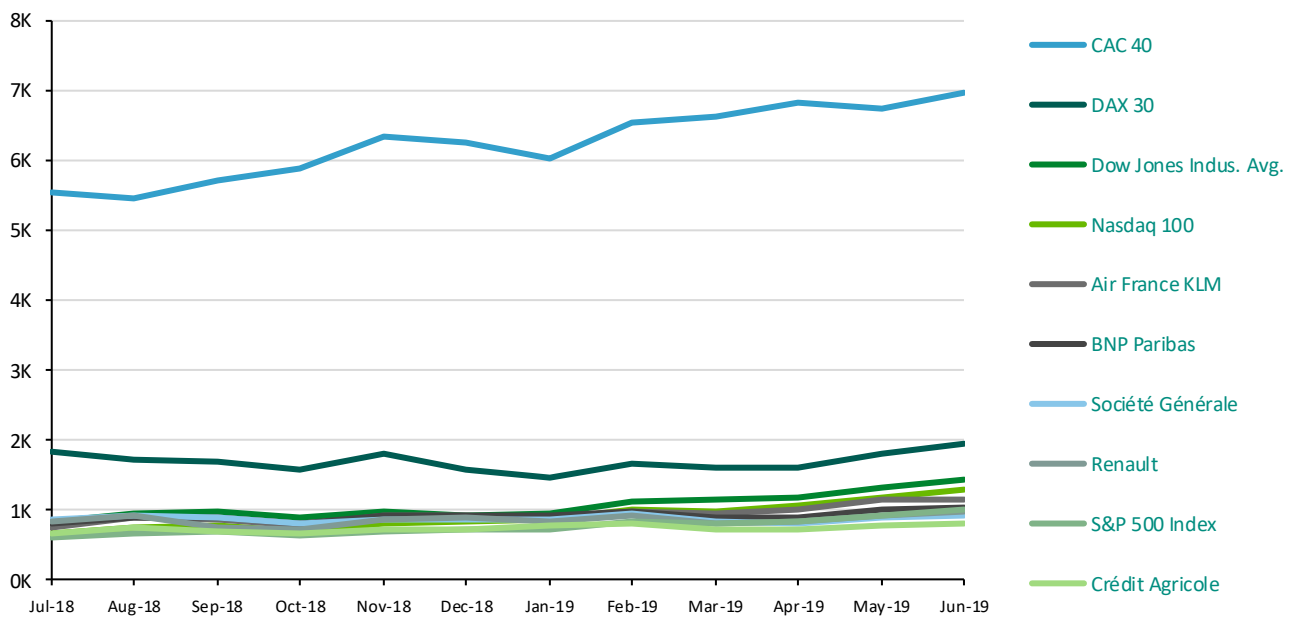
(Source Euronext)



TOP 10 UNDERLYINGS

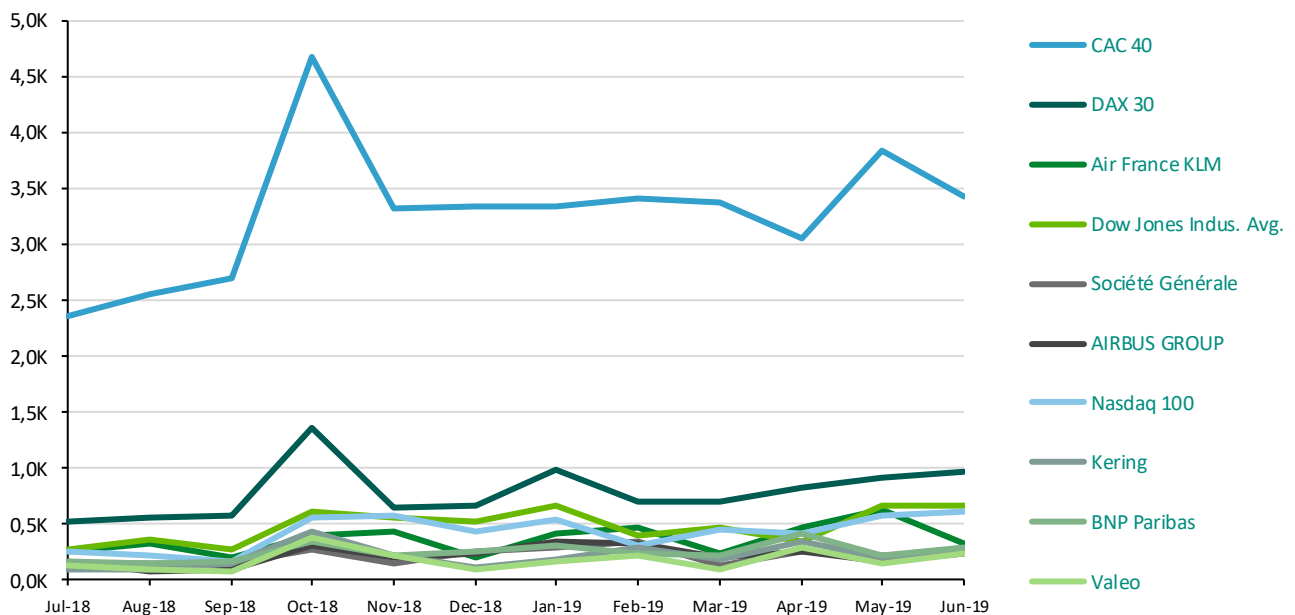
Product Trend: Number of Live Products

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
NL0013352552	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	36,780	78
NL0012969117	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	24,603	110
NL0013265259	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	18,868	62
DE000CD5NZY1	Commerzbank	2300 Constant Leverage Certificate	CAC 40	7,382	1,142
DE000VF6KX29	Vontobel	2205 Open-End Knock-Out Warrants	CAC 40	5,109	730
FR0013188612	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,836	776
FR0010511535	Société Générale	1300 Tracker Certificates	Brent	4,653	296
LU1815432486	Société Générale	1300 Tracker Certificates	CAC 40 x15 Short Index	4,442	1,566
FR0013217940	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,204	642
FR0013101565	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leveraged Index	3,117	450
DE000CZ28ZJ7	Commerzbank	2300 Constant Leverage Certificate	CAC 40	2,593	296
DE000VF38ND7	Vontobel	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	2,578	516
LU1937570221	Société Générale	2100 Warrants	CAC 40	2,420	172
DE000CD212U3	Commerzbank	2210 Mini-Futures	Dow Jones Indus. Avg.	2,256	32
NL0012969109	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	2,163	112
DE000VF5VW93	Vontobel	2205 Open-End Knock-Out Warrants	Tesla Motors Inc	2,109	292
DE000CP97270	Citi	2200 Knock-Out Warrants	CAC 40	2,101	418
DE000CU15Y31	Commerzbank	2100 Warrants	CAC 40	1,912	186
LU1815432056	Société Générale	1300 Tracker Certificates	CAC 40 x10 Short Index	1,882	170
FR0010673350	Société Générale	1300 Tracker Certificates	Gold	1,860	242
DE000VF6SH13	Vontobel	2200 Knock-Out Warrants	CAC 40	1,762	326
FR0013366044	Commerzbank	1250 Capped Bonus Certificates	Casino	1,760	34
DE000VF6KKW6	Vontobel	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	1,749	290
NL0006454928	BNP Paribas	1300 Tracker Certificates	Gold	1,719	70
DE000CA0ZD72	Commerzbank	2300 Constant Leverage Certificate	CAC 40	1,670	800
DE000CA0YKG1	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,638	306
FR0011214527	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leveraged Index	1,451	444
LU1555074977	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	1,384	676
DE000VF5VPC6	Vontobel	2200 Knock-Out Warrants	Nasdaq 100	1,287	256
DE000CE8WSX2	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,283	290
FR0013366069	Commerzbank	1250 Capped Bonus Certificates	Casino	1,258	128
DE000VF61Q22	Vontobel	2200 Knock-Out Warrants	CAC 40	1,247	240
DE000CV2DNS5	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,227	630
LU1756794720	Société Générale	2100 Warrants	CAC 40	1,201	104
DE000VA235Q2	Vontobel	2300 Constant Leverage Certificate	CAC 40 x15 Short Index	1,195	48
FRBNPP00X534	BNP Paribas	2210 Mini-Futures	Palladium	1,189	728
LU1555075354	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Short Index	1,186	568
DE000CJ82KY9	Commerzbank	2100 Warrants	CAC 40	1,157	110
DE000CE4X676	Commerzbank	2210 Mini-Futures	DAX 30	1,139	402
DE000CP99MN9	Citi	2200 Knock-Out Warrants	CAC 40	1,039	32
FRBNPP00TQ10	BNP Paribas	1250 Capped Bonus Certificates	Renault	971	26
LU1964436734	Société Générale	2100 Warrants	CAC 40	950	84
NL0013339500	BNP Paribas	2100 Warrants	CAC 40	910	32
DE000CU13FN4	Commerzbank	2200 Knock-Out Warrants	CAC 40	877	188
DE000CD21YJ2	Commerzbank	2210 Mini-Futures	Dow Jones Indus. Avg.	875	10
LU1969027322	Société Générale	2100 Warrants	CAC 40	871	32
FRBNPP00TUW3	BNP Paribas	2205 Open-End Knock-Out Warrants	Total	867	108
DE000CD095W8	Commerzbank	2210 Mini-Futures	Eramet	864	484
DE000CN4Y871	Commerzbank	2210 Mini-Futures	Copper	862	464
FR001119395	Société Générale	2300 Constant Leverage Certificate	CAC 40 x7 Leveraged Index	857	134

(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

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* 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.

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