



warrants and certificates

Activity report

Issue 98
September 2019

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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 30/09/2019)	24,666	782	1,663	51,866	78,977
New Products	7,141	195	364	12,875	20,575
New Products YTD	55,547	1,792	3,637	140,016	200,992
Value Traded (in €m)	376.5	28.9	119.7	242.9	768.0
Value Traded YTD (in €m)	3,518.2	114.9	967.3	2,390.6	6,991.0
Value Traded ADV (in €m)	17.9	1.4	5.7	11.6	36.6
Value Traded YTD ADV (in €m)	18.4	0.6	5.1	12.5	36.6
Number of Trades	147,725	4,103	7,790	102,991	262,609
Number of Trades YTD	1,428,890	40,291	82,298	904,232	2,455,711
Number of Trades ADV	7,035	195	371	4,904	12,505
Number of Trades YTD ADV	7,481	211	431	4,734	12,857

(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

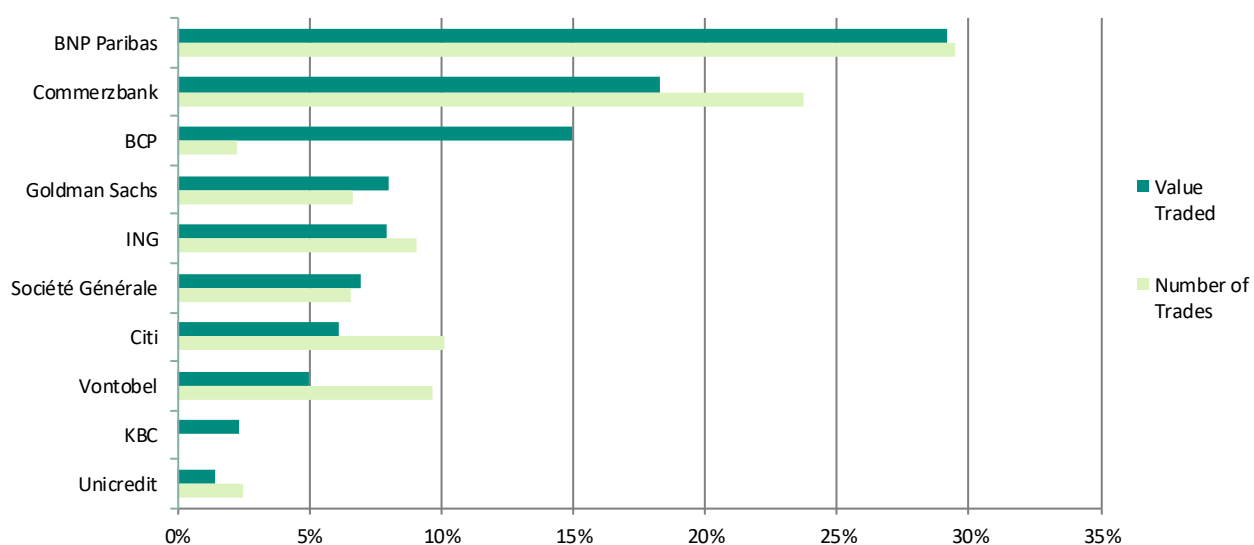
Market Overview

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	10,669	-18.4%	-16.8%	29.2%	3,688	-13.9%	-0.2%	29.5%
Commerzbank	6,676	-11.0%	-3.8%	18.3%	2,963	-11.8%	-8.3%	23.7%
BCP	5,464	61%	36%	14.9%	285	-74.3%	4.2%	2.3%
Goldman Sachs	2,913	-10.9%	-7.8%	8.0%	827	-52.9%	-21.5%	6.6%
ING	2,883	-7.9%	-3.3%	7.9%	1,134	6.4%	7.4%	9.1%
Société Générale	2,542	-16.1%	-9.1%	7.0%	824	318.9%	-19.6%	6.6%
Citi	2,231	-18.8%	-10.5%	6.1%	1,265	-38.6%	-8.3%	10.1%
Vontobel	1,824	-31%	-5.0%	5.0%	1,205	-3.0%	0.7%	9.6%
KBC	847	53%	117%	2.3%	5.4	-98.5%	-97.8%	0.0%
Unicredit	522	NA	164%	1.4%	309	NA	NA	2.5%
Total	36,572	-7.1%	-3.1%	100%	12,505	-18.9%	-5.0%	100%

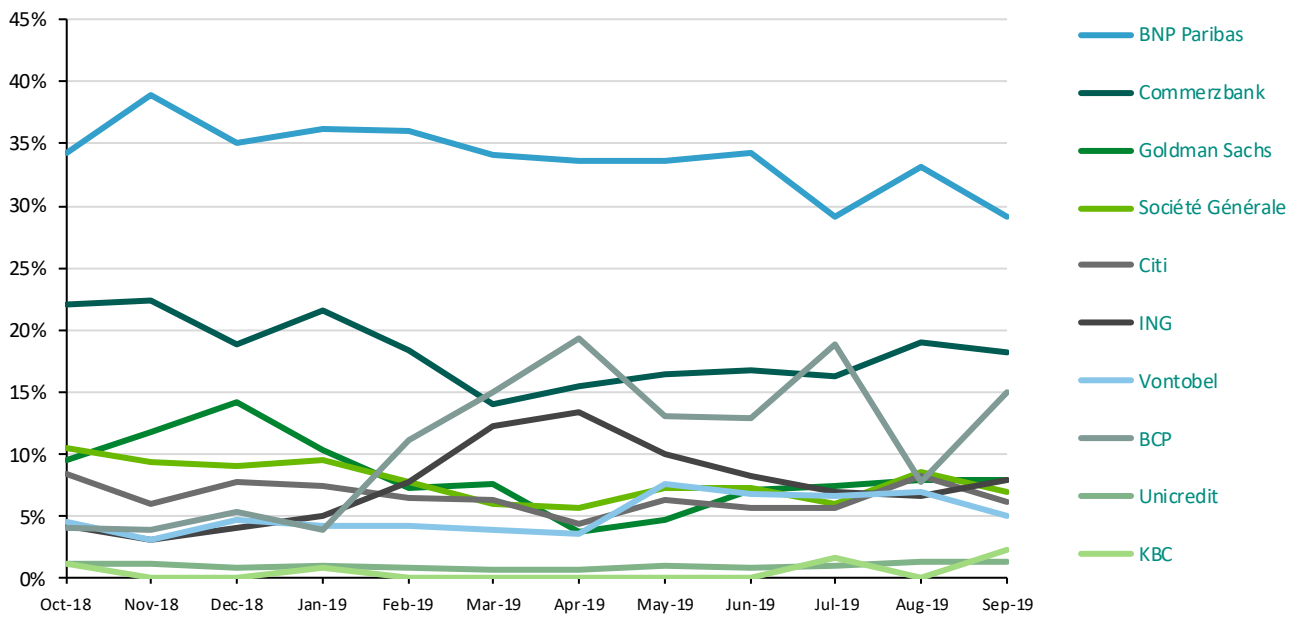
(Source Euronext)



ISSUERS

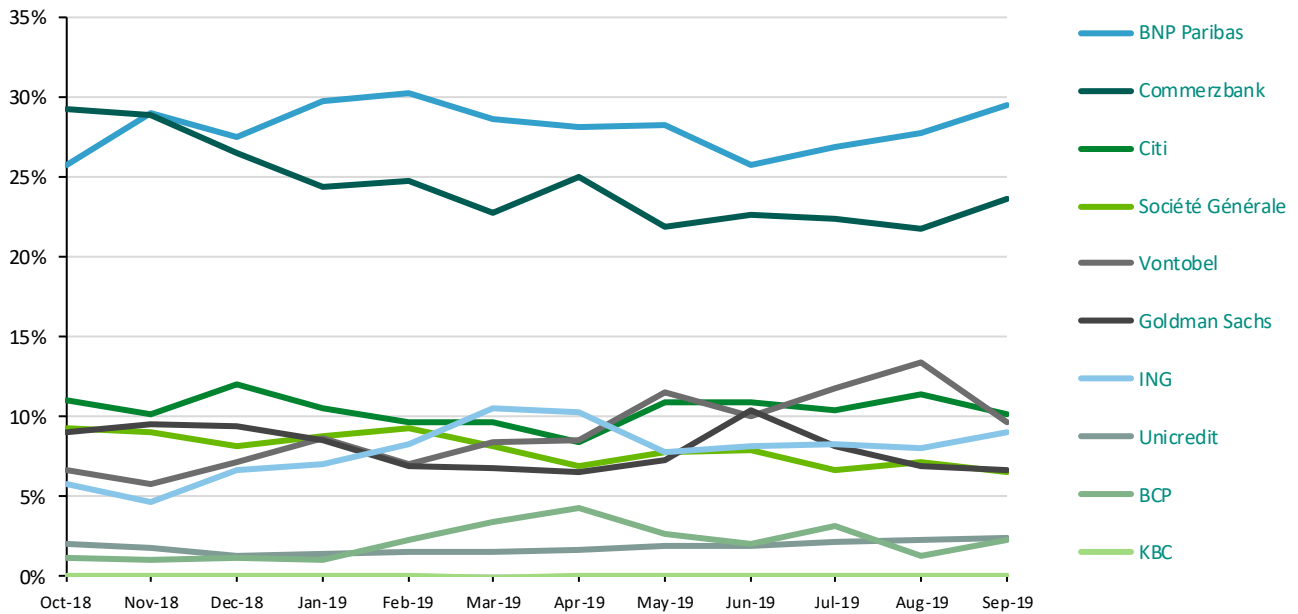
Market Trend: Value traded

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

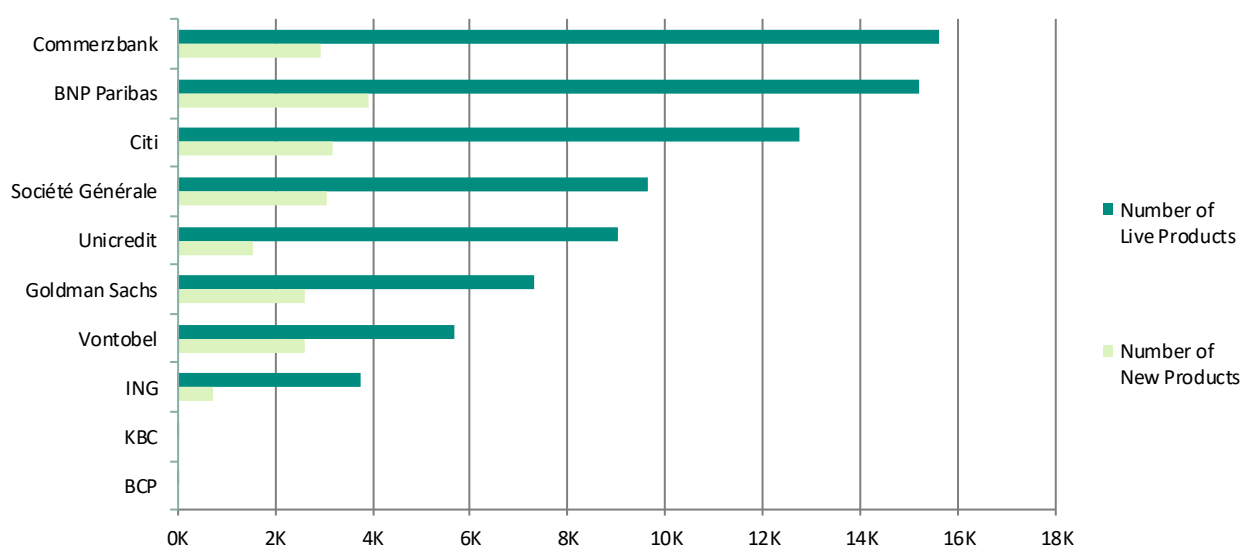
Product Overview

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	15,606	-0.5%	1.2%	19.8%	2,944	-23%	-15.7%	14.3%
BNP Paribas	15,213	2.8%	15.6%	19.3%	3,918	-17.0%	2.7%	19.0%
Citi	12,737	0.0%	6.2%	16.1%	3,165	-31%	-15.4%	15.4%
Société Générale	9,628	-12.0%	-5.5%	12.2%	3,062	-21%	-13.3%	14.9%
Unicredit	9,036	-9.7%	10.0%	11.4%	1,530	-8.0%	-32%	7.4%
Goldman Sachs	7,303	-5.4%	33%	9.2%	2,611	-24%	32%	12.7%
Vontobel	5,661	-3.1%	-2.1%	7.2%	2,627	-34%	-15.0%	12.8%
ING	3,744	8.4%	17.9%	4.7%	715	1.6%	67%	3.5%
KBC	28	5.7%	10.7%	0.0%	3	200%	89%	0.0%
BCP	22	0.4%	0.3%	0.0%	0			0.0%
Total	78,977	-2.8%	7.5%	100%	20,575	-23.3%	-7.9%	100%

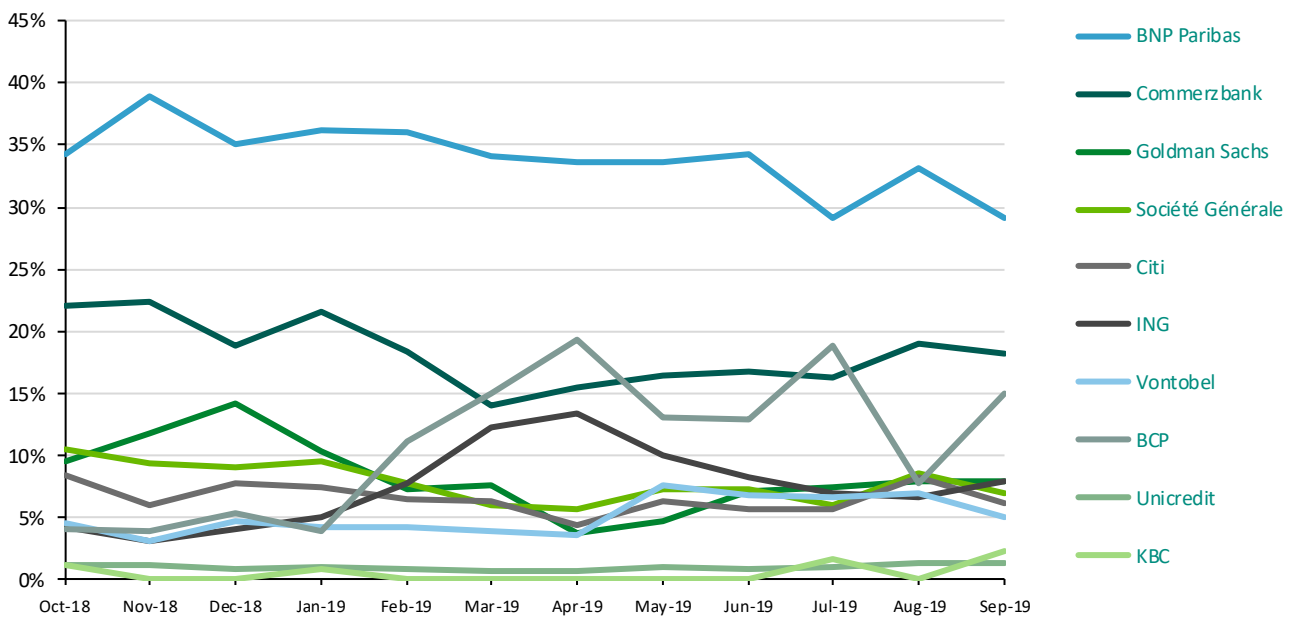
(Source Euronext)



ISSUERS

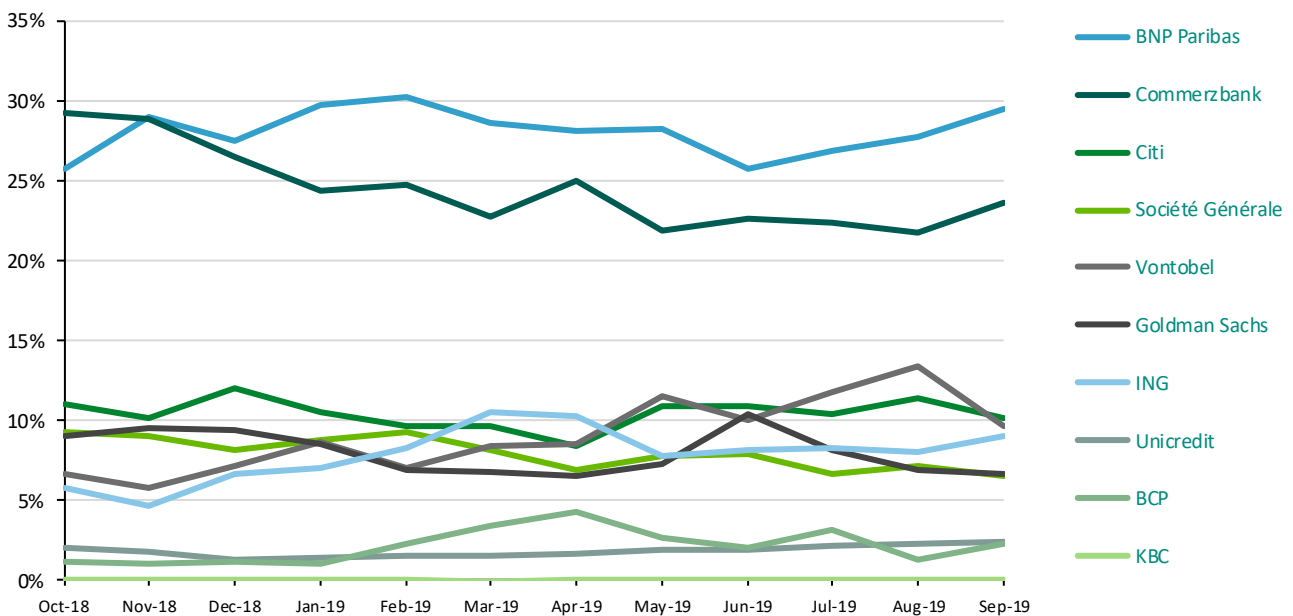
Product Trend: Number of Live Products

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)

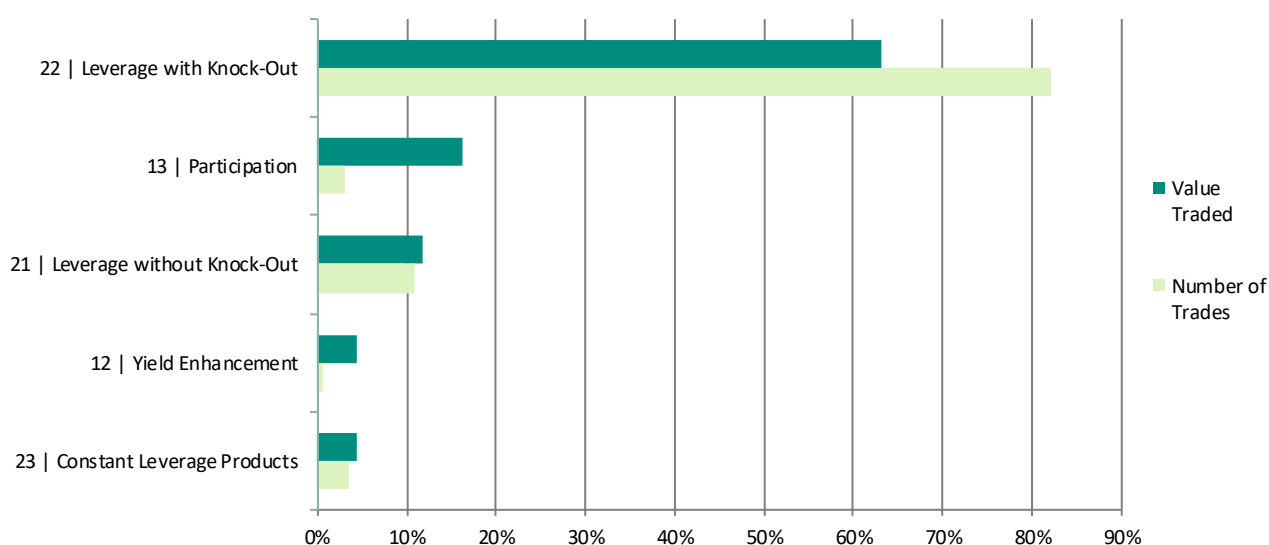
Market Overview

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	23,123	-20%	-9.3%	63.2%	10,276	-20.9%	-5.7%	82.2%
13 Participation	5,974	50%	15.0%	16.3%	373	-73.7%	-71.9%	3.0%
21 Leverage without Knock-Out	4,305	20%	-4.3%	11.8%	1,350	330.6%	283.4%	10.8%
12 Yield Enhancement	1,592	-25%	-12.8%	4.4%	79	-86.9%	-84.5%	0.6%
23 Constant Leverage Products	1,577	114%	123%	4.3%	427	378.0%	493.8%	3.4%
Total	36,572	-7.1%	-3.1%	100%	12,505	-18.9%	-5.0%	100%

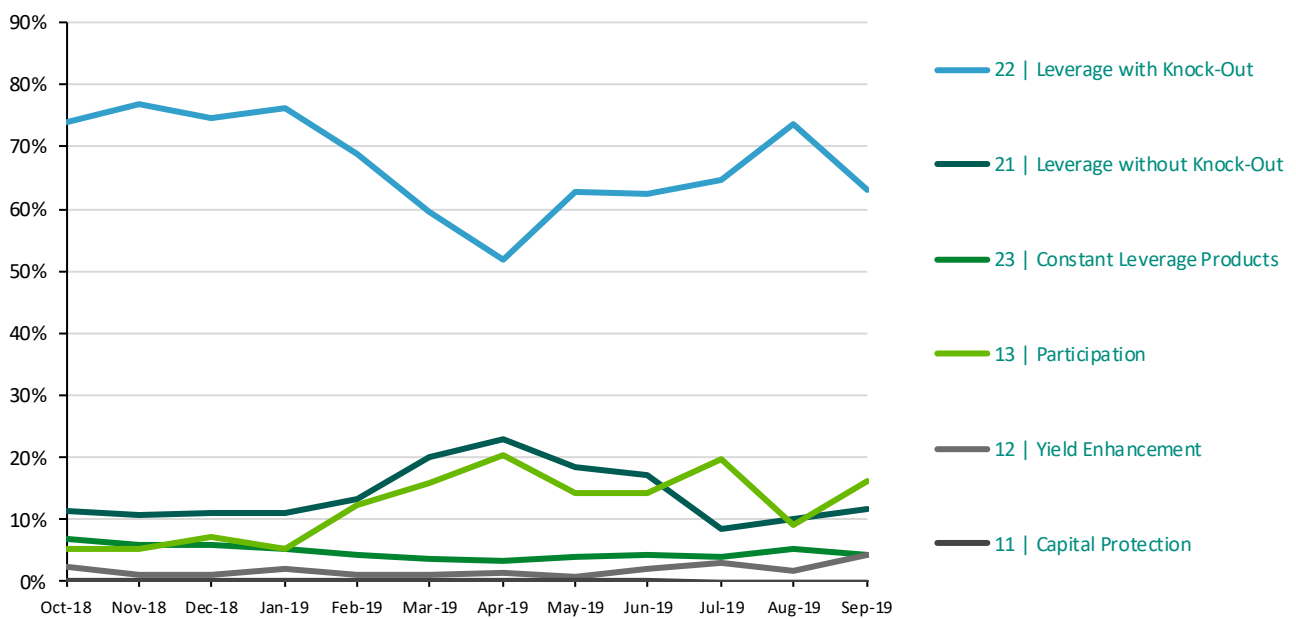
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

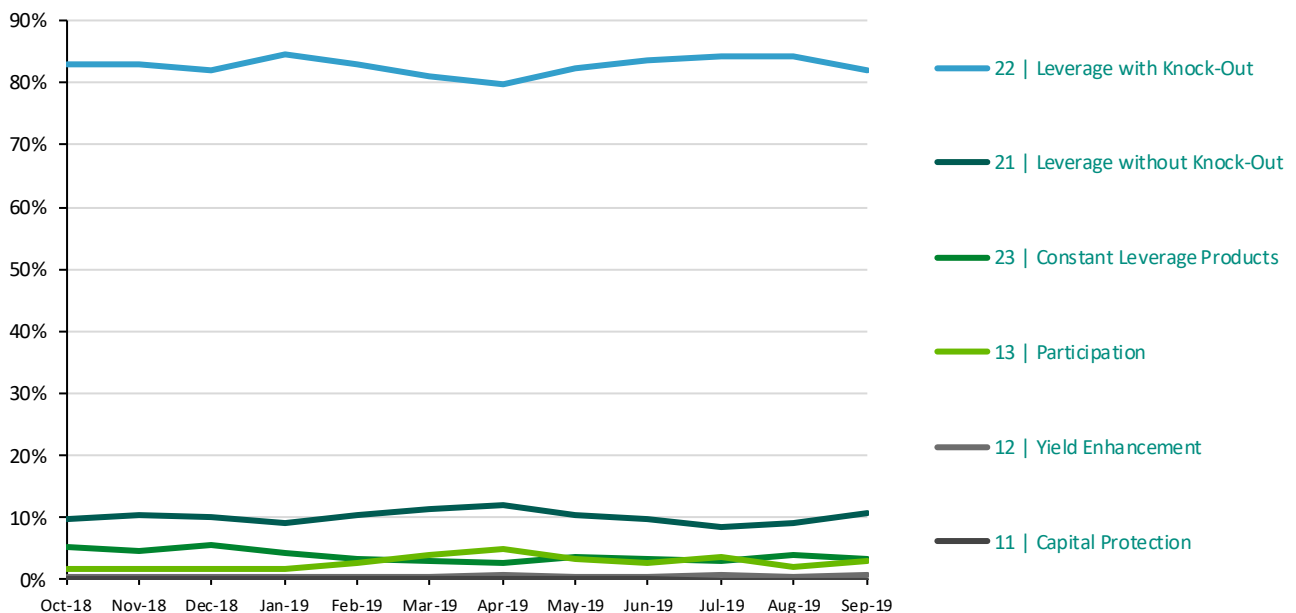
Market Trend: Value traded

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)

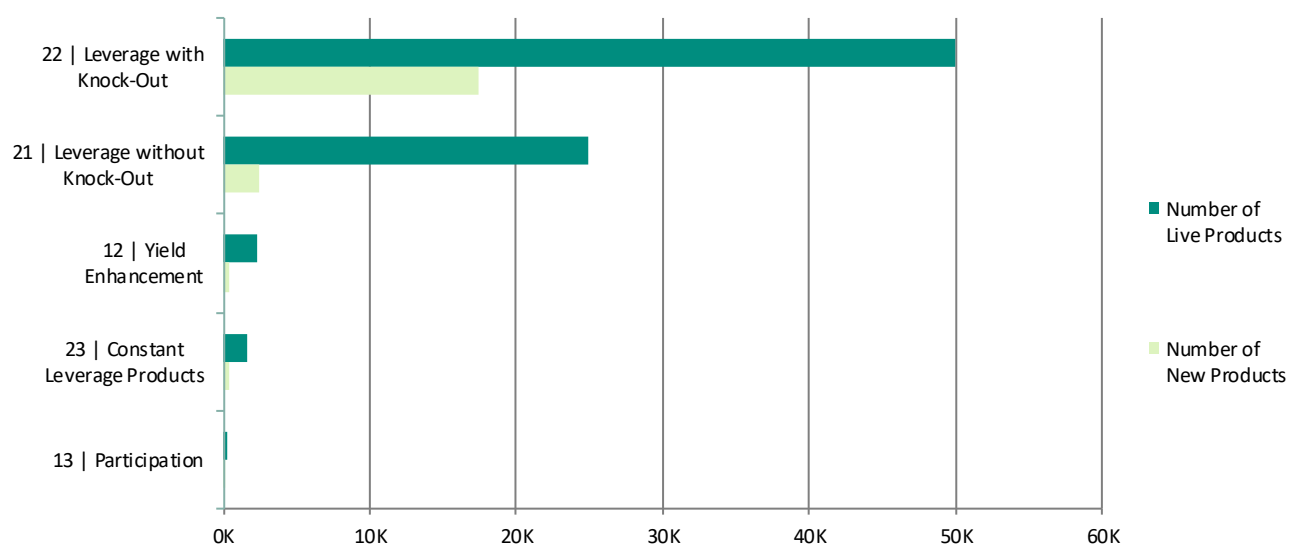
Product Overview

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	49,972	0.1%	8.7%	63.3%	17,387	-24%	-0.8%	84.5%
21 Leverage without Knock-Out	24,878	-8.8%	4.8%	31.5%	2,423	-33%	-45%	11.8%
12 Yield Enhancement	2,308	-0.3%	8.9%	2.9%	363	26%	21%	1.8%
23 Constant Leverage Products	1,545	7.1%	14.7%	2.0%	390	198%	286%	1.9%
13 Participation	275	0.8%	-6.6%	0.3%	12	71%	-8.9%	0.1%
Total	78,977	-2.8%	7.5%	100%	20,575	-23.3%	-7.9%	100%

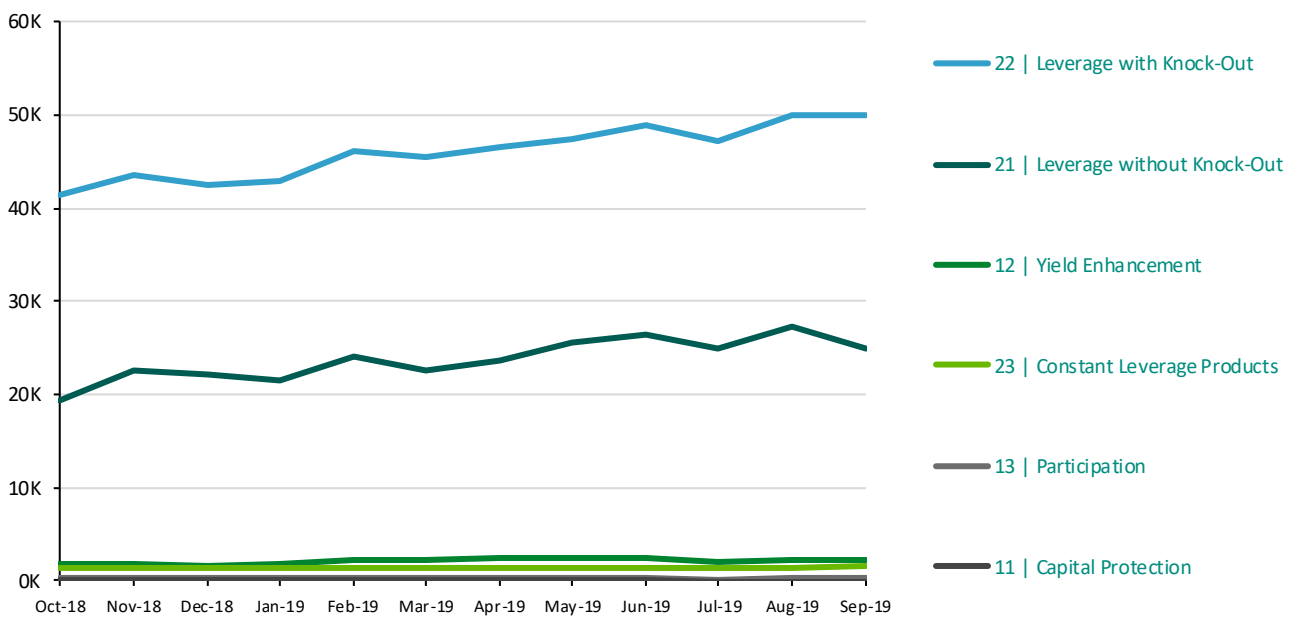
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

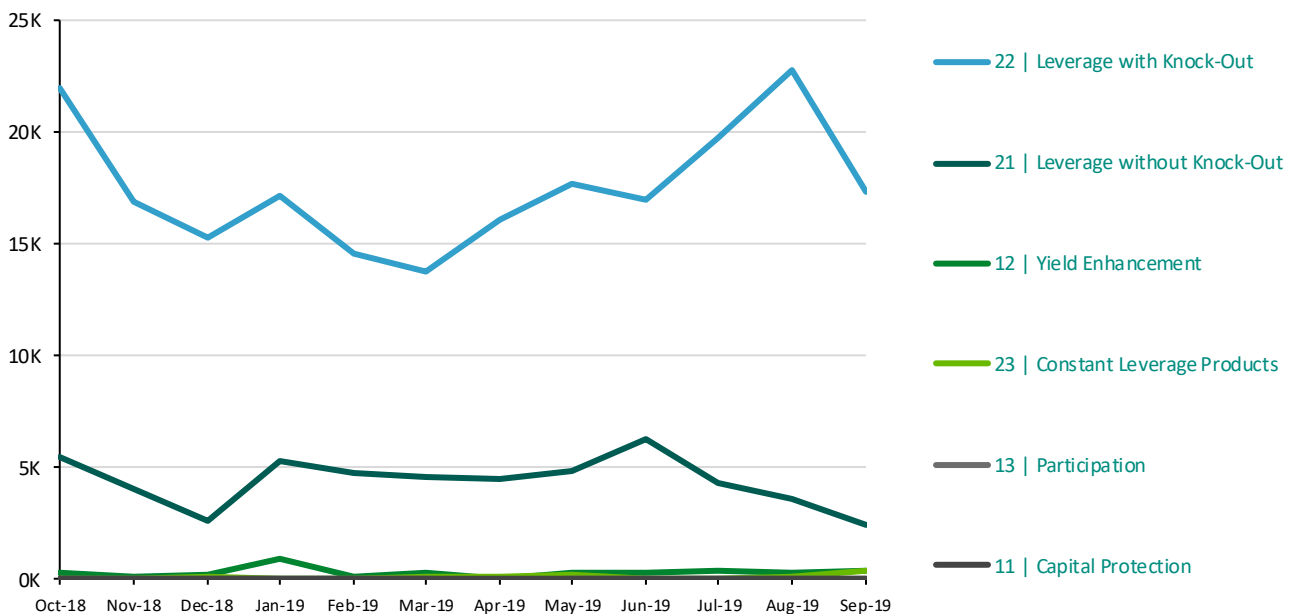
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

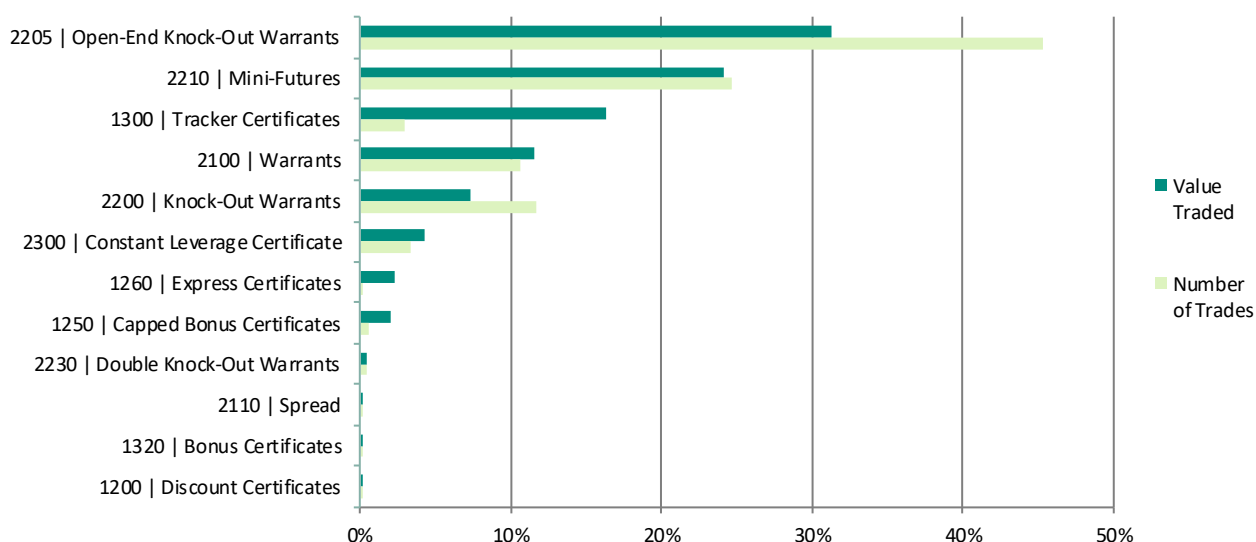
Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	11,461	-26%	-9.5%	31.3%	5,674	-26.0%	-9.8%	45.4%
2210 Mini-Futures	8,825	-6.1%	-2.8%	24.1%	3,091	-0.3%	10.2%	24.7%
1300 Tracker Certificates	5,970	52%	15.8%	16.3%	371	-83%	-72%	3.0%
2100 Warrants	4,224	8.2%	-5.9%	11.5%	1,329	-4.5%	280%	10.6%
2200 Knock-Out Warrants	2,688	-25%	-26%	7.3%	1,462	368%	-17.1%	11.7%
2300 Constant Leverage Certificate	1,577	-25%	-13.7%	4.3%	427	-30%	-16.5%	3.4%
1260 Express Certificates	843	16.8%	64%	2.3%	5.2	-94%	-93%	0.0%
1250 Capped Bonus Certificates	749	418%	289%	2.0%	74	66%	NA	0.6%
2230 Double Knock-Out Warrants	149	81%	24%	0.4%	49	86%	45%	0.4%
2110 Spread	81	466%	112%	0.2%	20	NA	78%	0.2%
1320 Bonus Certificates	4	49%	-52%	0.0%	2.2	105%	-5.4%	0.0%
1200 Discount Certificates	1	NA	1.6%	0.0%	0.3	529%	69%	0.0%
Total	36,572	-7.1%	-3.1%	100%	12,505	-18.9%	-5.0%	100%

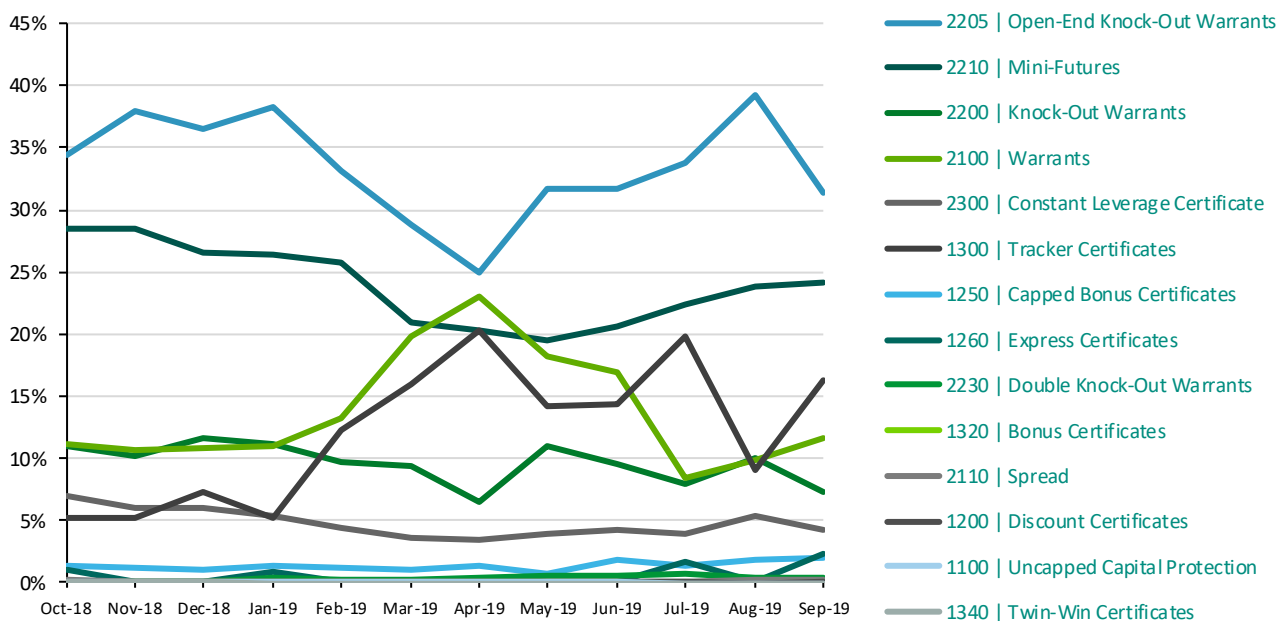
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

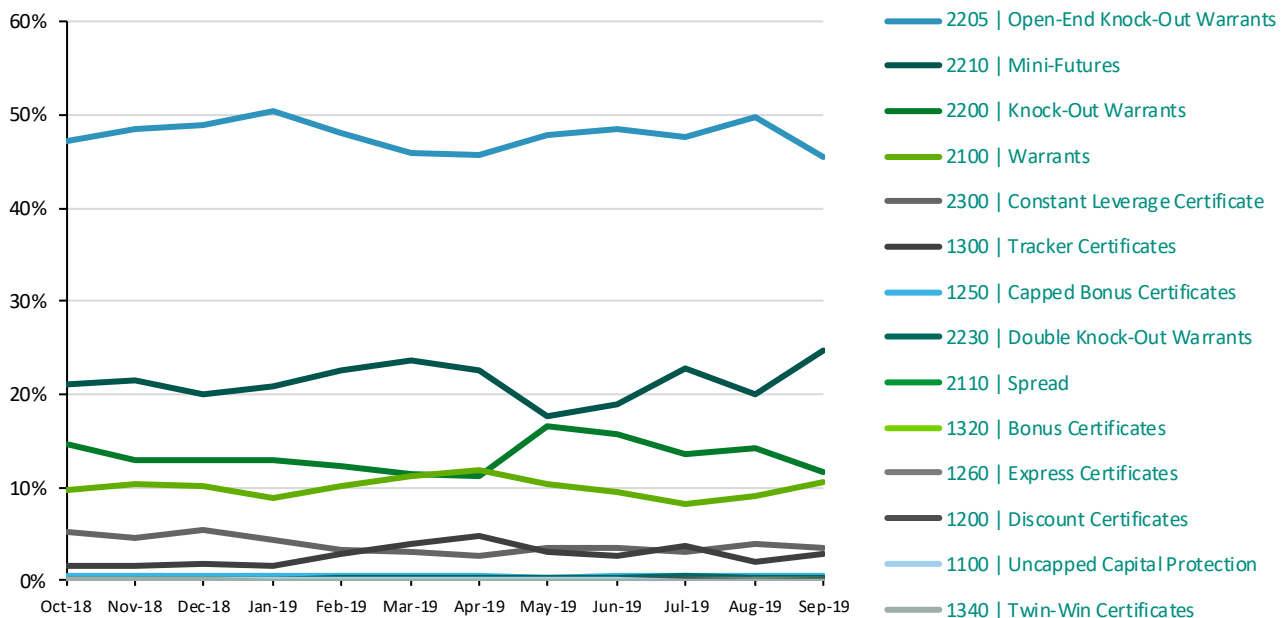
Market Trend: Value traded

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)

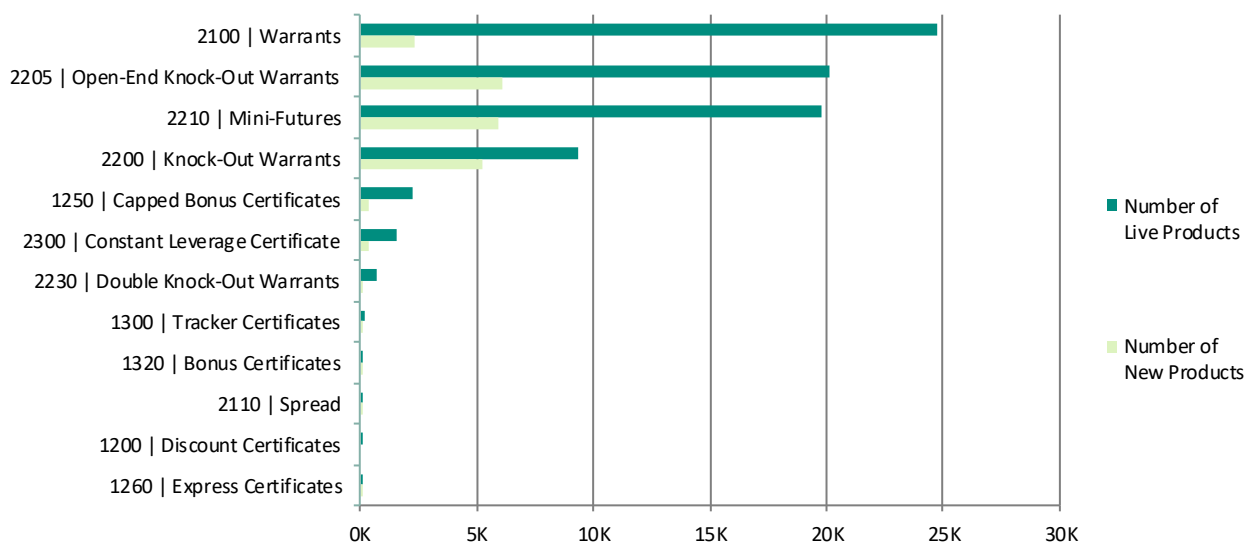
Product Overview

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	24,772	-8.9%	4.8%	31.4%	2,350	-35%	-46%	11.4%
2205 Open-End Knock-Out Warrants	20,128	1.9%	9.2%	25.5%	6,131	-16.8%	3.1%	29.8%
2210 Mini-Futures	19,781	1.0%	7.5%	25.0%	5,935	-9.6%	21%	28.8%
2200 Knock-Out Warrants	9,340	-4.0%	8.7%	11.8%	5,209	-40%	-19.2%	25.3%
1250 Capped Bonus Certificates	2,248	0.1%	9.7%	2.8%	361	25%	23%	1.8%
2300 Constant Leverage Certificate	1,545	7.1%	14.7%	2.0%	390	198%	286%	1.9%
2230 Double Knock-Out Warrants	724	-16.3%	30%	0.9%	112	-43%	-50%	0.5%
1300 Tracker Certificates	167	-0.1%	-3.6%	0.2%	1		9.1%	0.0%
1320 Bonus Certificates	108	2.3%	-10.8%	0.1%	11	57%	-10.2%	0.1%
2110 Spread	106	12.8%	3.7%	0.1%	73		315%	0.4%
1200 Discount Certificates	55	-14.1%	-18.5%	0.1%	0		-100%	0.0%
1260 Express Certificates	5	29%	97%	0.0%	2		380%	0.0%
Total	78,977	-2.8%	7.5%	100%	20,575	-23.3%	-7.9%	100%

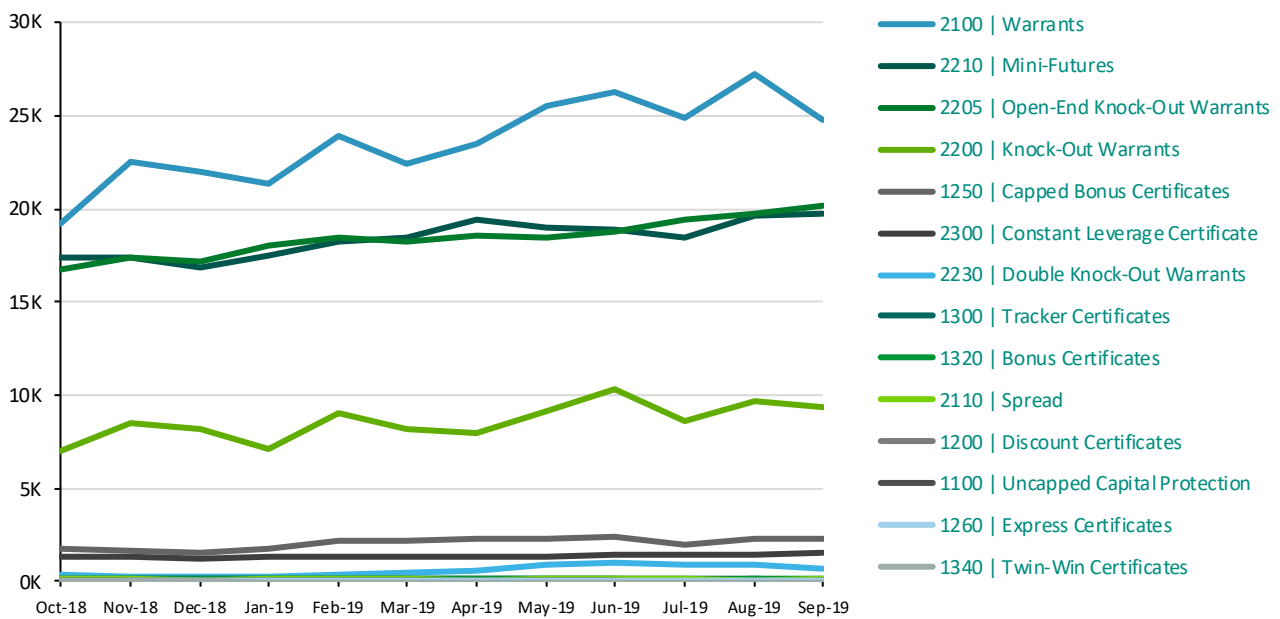
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

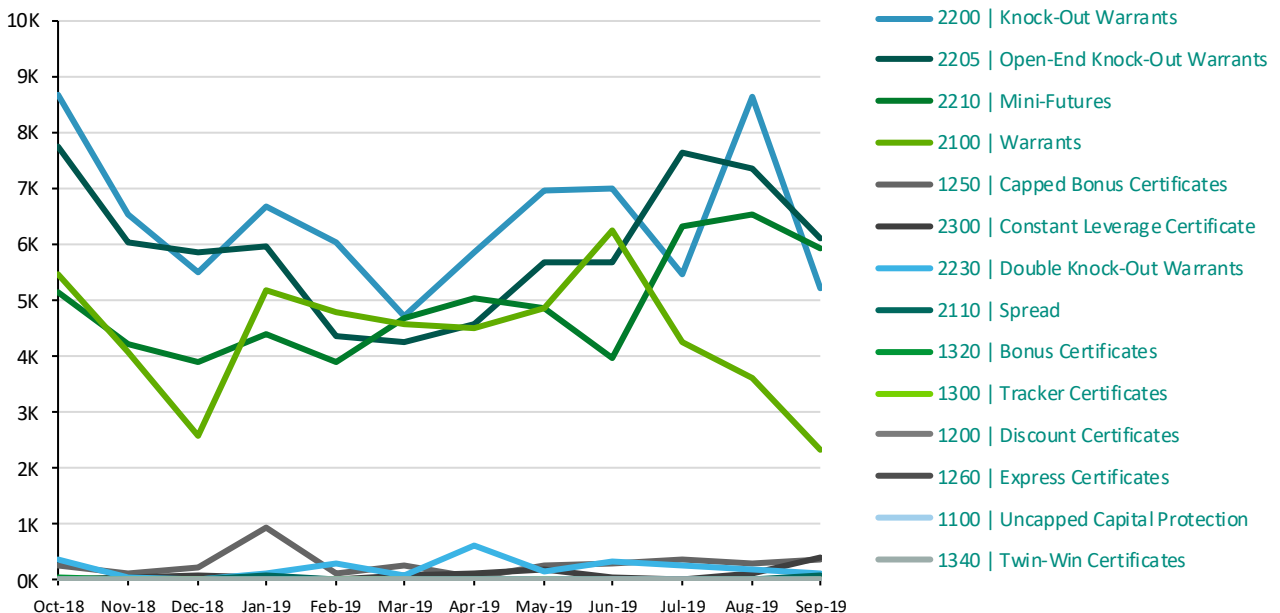
Product Trend: Number of Live Products

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

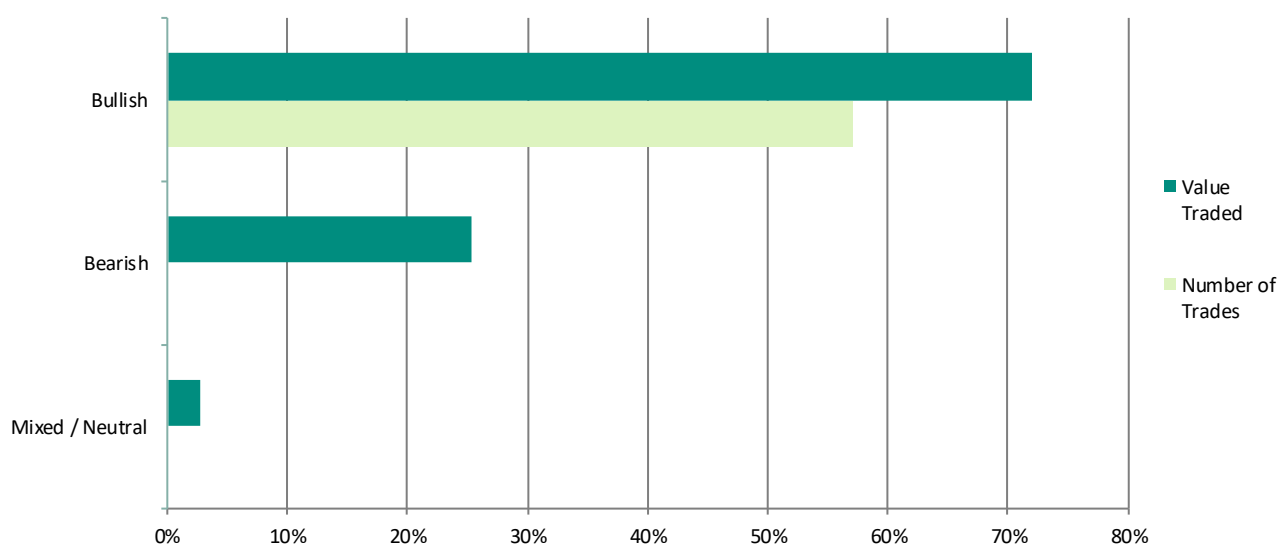
Market Overview

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	26,309	2.5%	1.7%	71.9%	7,136	-27.3%	-13.4%	57.1%
Bearish	9,282	-27%	-17.1%	25.4%	0.0	-100%	-100%	0.0%
Mixed / Neutral	980	1.6%	45%	2.7%	0.0	-100%	-100%	0.0%
Total	36,572	-7.1%	-3.1%	100%	12,505	-18.9%	-5.0%	100%

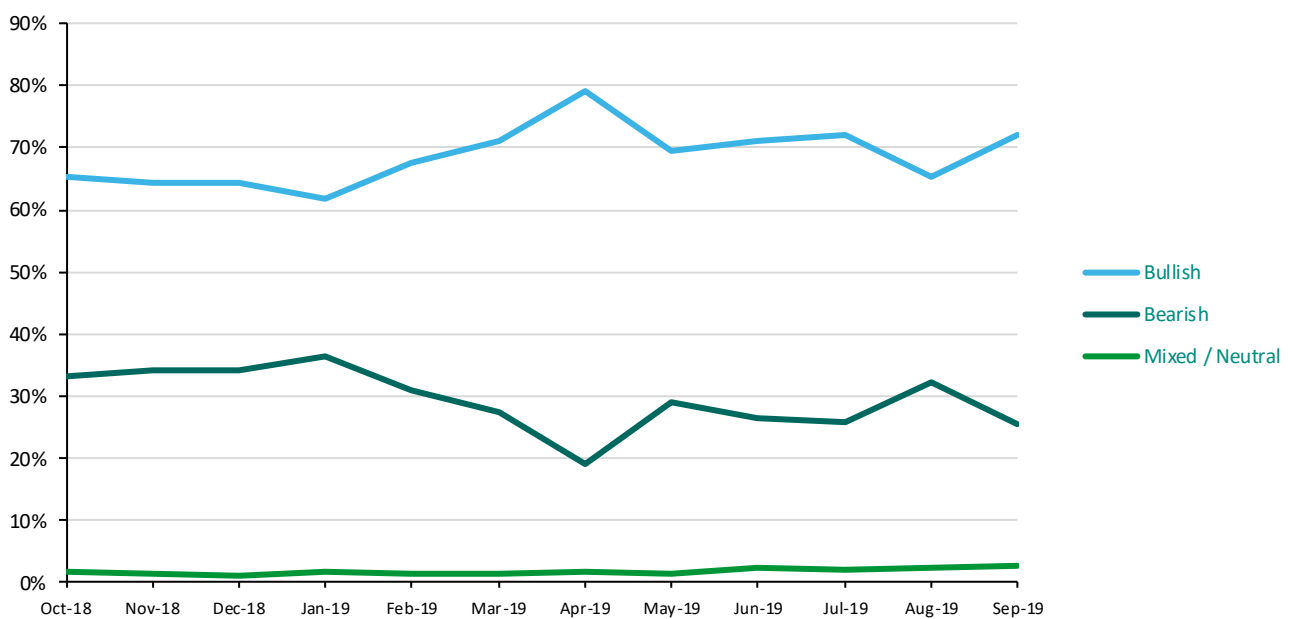
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PRODUCT STRATEGIES

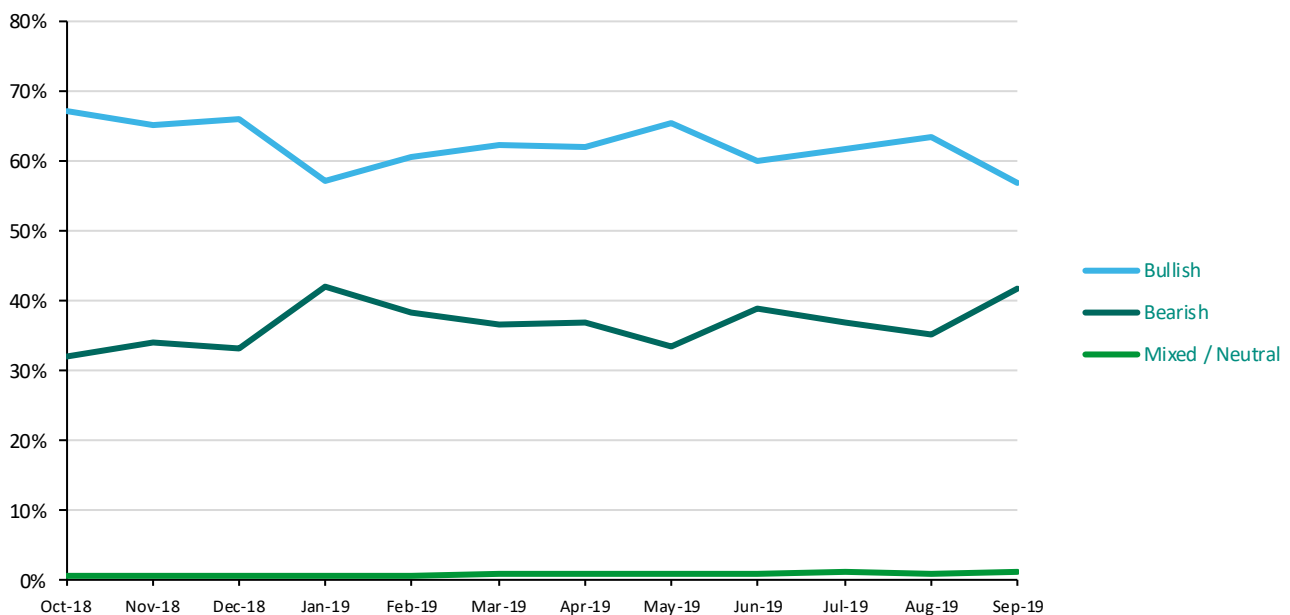
Market Trend: Value traded

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

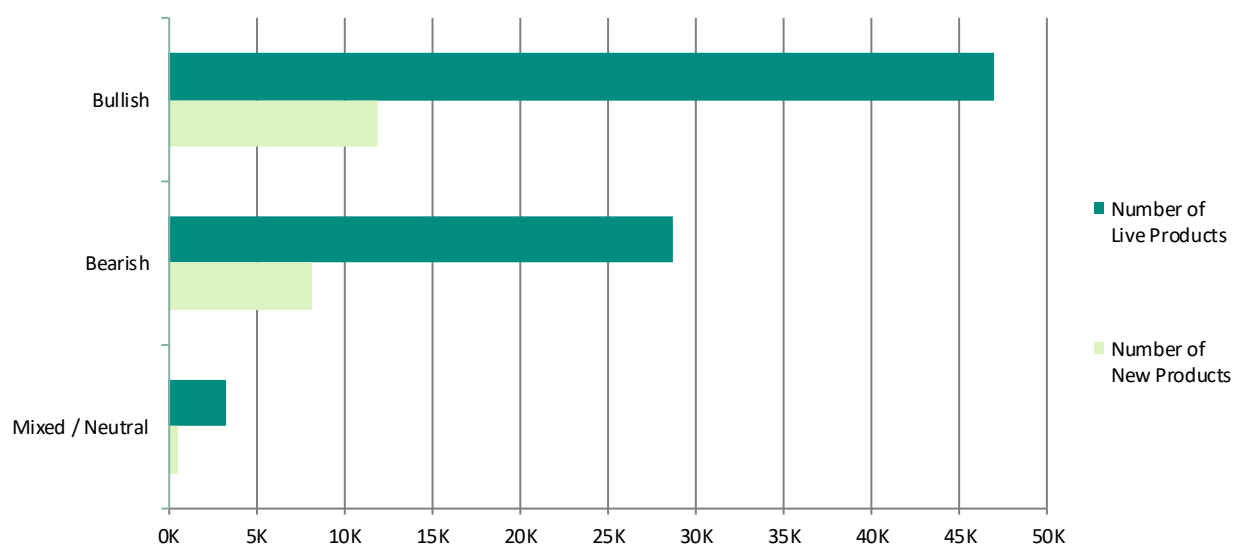
Product Overview

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	47,021	2.6%	12.4%	59.5%	11,860	-15.0%	-1.4%	57.6%
Bearish	28,722	-10.3%	-0.2%	36.4%	8,169	-34%	-16.4%	39.7%
Mixed / Neutral	3,235	-4.1%	12.2%	4.1%	546	12.1%	-0.1%	2.7%
Total	78,977	-2.8%	7.5%	100%	20,575	-23.3%	-7.9%	100%

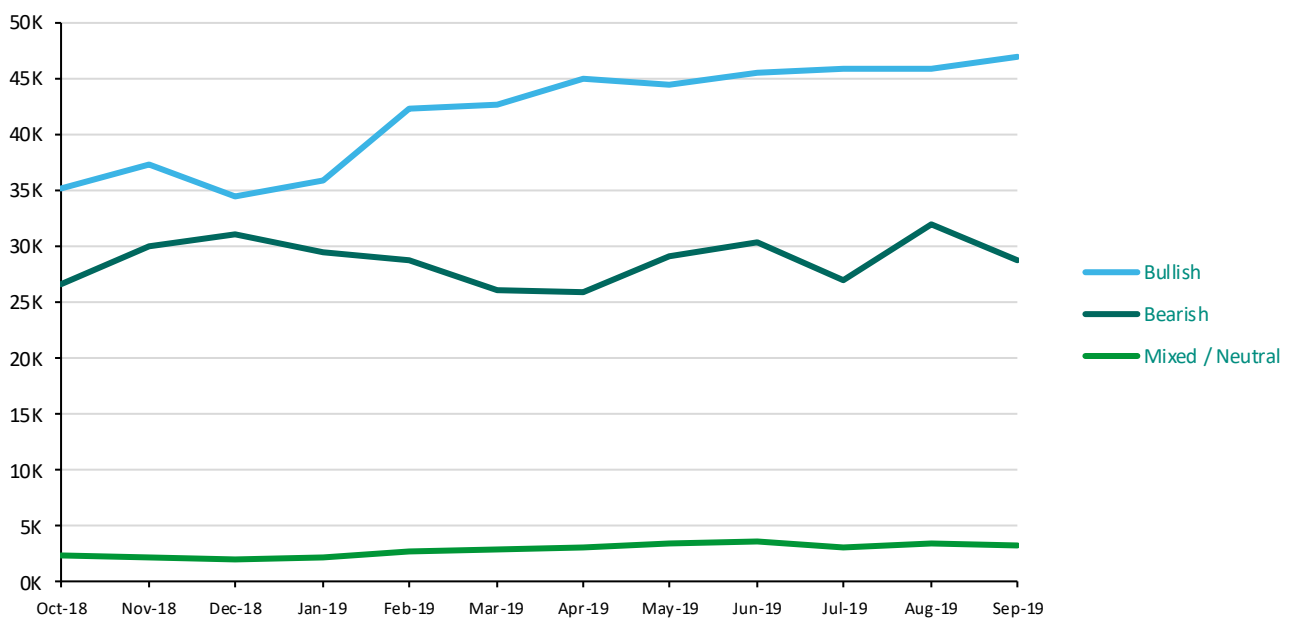
(Source Euronext)



PRODUCT STRATEGIES

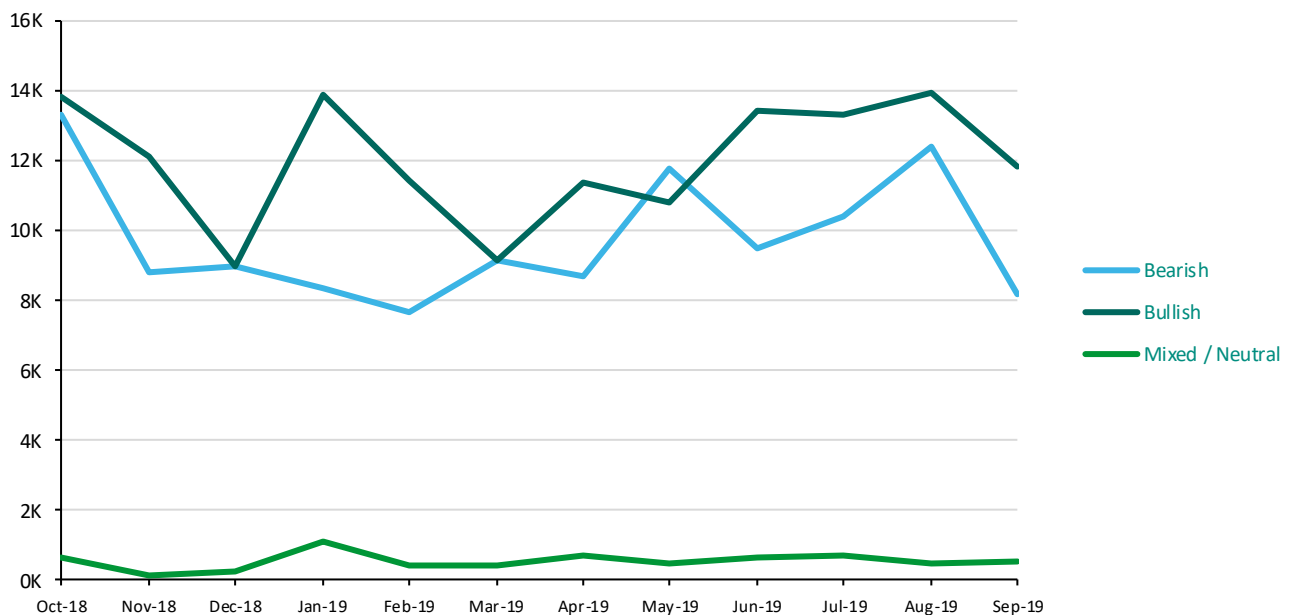
Product Trend: Number of Live Products

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

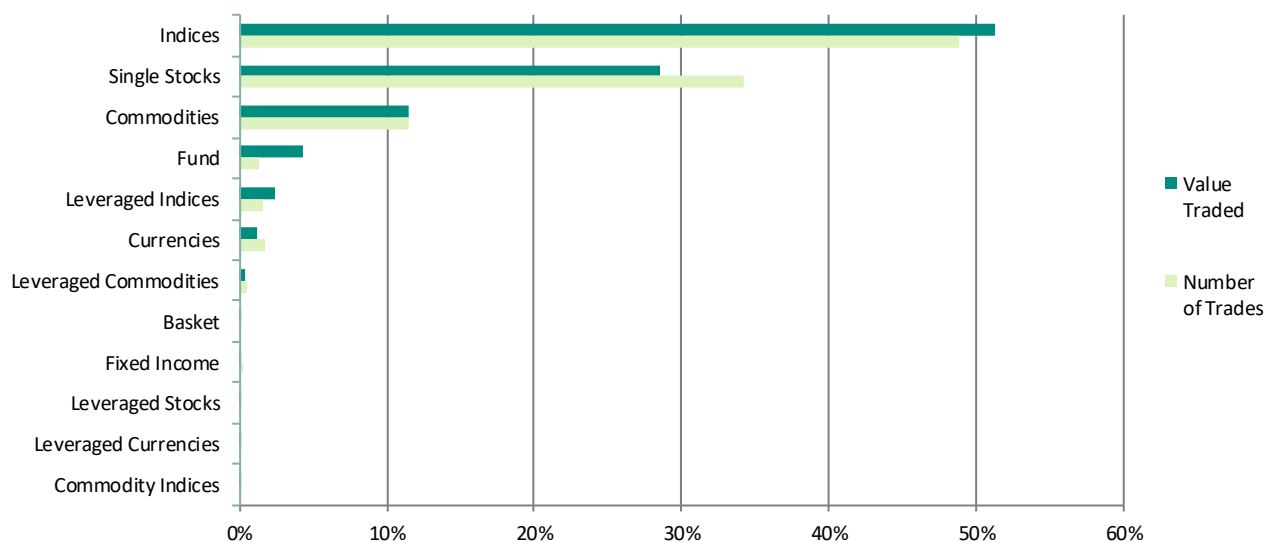
Market Overview

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	18,765	-19.0%	-12.3%	51.3%	6,112	-32.2%	-14.3%	48.9%
Single Stocks	10,440	3.0%	10.6%	28.5%	4,290	-4.3%	-1.2%	34.3%
Commodities	4,224	2.2%	72%	11.5%	1,433	12.3%	56.5%	11.5%
Fund	1,577	29%	-33%	4.3%	173	-51.2%	7.3%	1.4%
Leveraged Indices	899	193%	-17.5%	2.5%	191	0.7%	-29.6%	1.5%
Currencies	436	145%	-38%	1.2%	214	NA	-5.1%	1.7%
Leveraged Commodities	131	25%	-6.2%	0.4%	57	35.8%	23.9%	0.5%
Basket	46	-24%	-23%	0.1%	3.0	-93.8%	-90.6%	0.0%
Fixed Income	35	-14.8%	-31%	0.1%	22	831.0%	-2.7%	0.2%
Leveraged Stocks	17	7.8%	-34%	0.0%	11	-1.9%	372.1%	0.1%
Leveraged Currencies	1	-53%	-93%	0.0%	0.1	-60.7%	-98.7%	0.0%
Commodity Indices	0	173%	-58%	0.0%	0.0	4.8%	-76.6%	0.0%
Total	36,572	-7.1%	-3.1%	100%	12,505	-18.9%	-5.0%	100%

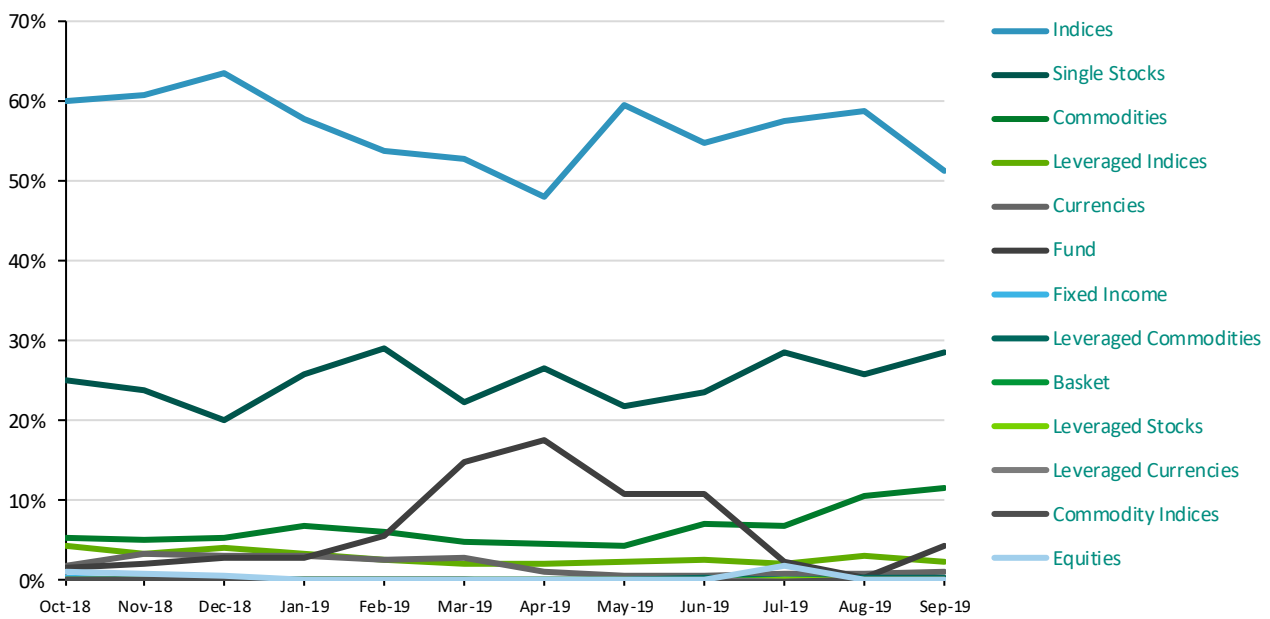
(Source Euronext)



UNDERLYING TYPES

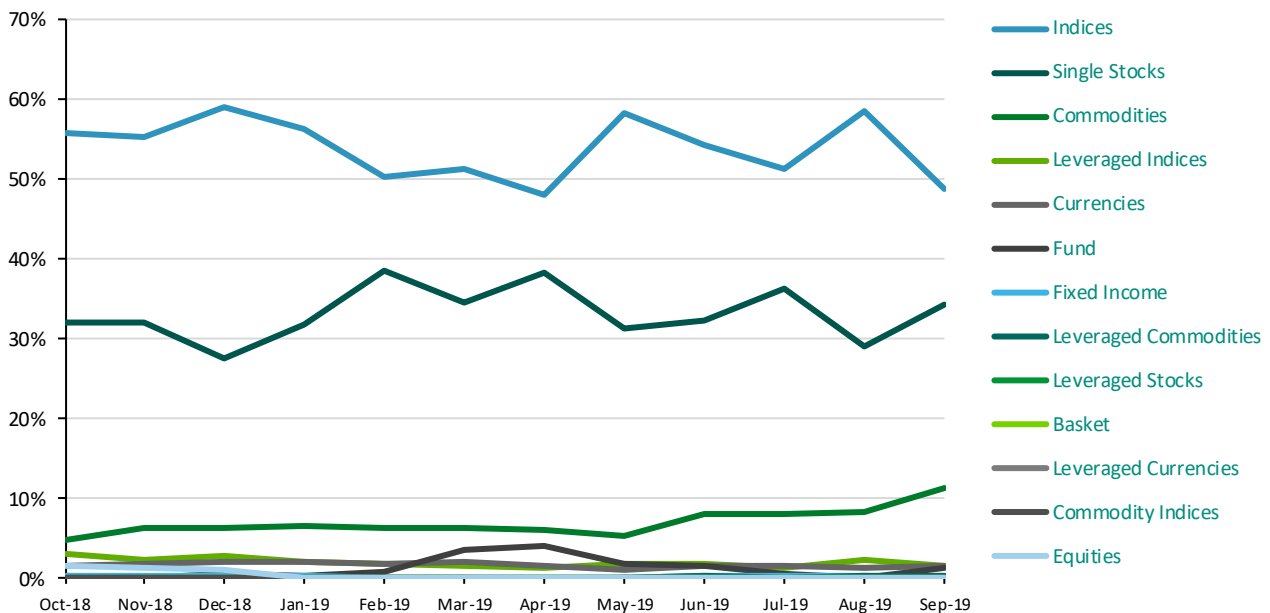
Market Trend: Value traded

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

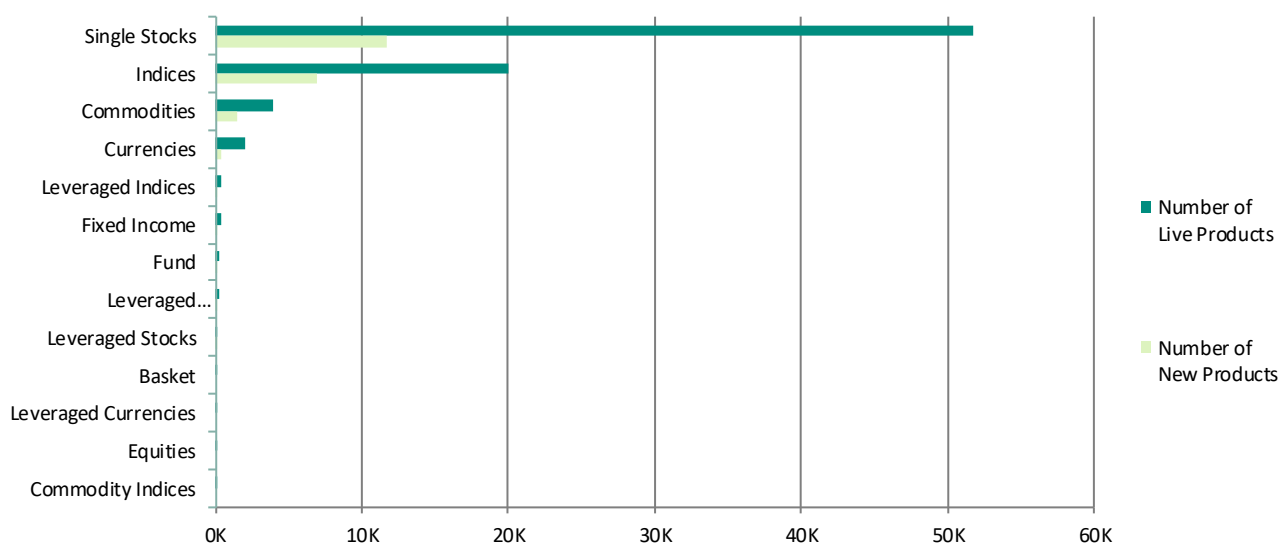
Product Overview

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	51,717	-4.3%	11.3%	65.5%	11,630	-18.6%	-8.2%	56.5%
Indices	20,039	-0.7%	0.9%	25.4%	6,914	-33%	-15.8%	33.6%
Commodities	3,898	5.9%	8.8%	4.9%	1,522	-10.5%	57%	7.4%
Currencies	2,033	-3.8%	-11.0%	2.6%	309	-1.9%	-28%	1.5%
Leveraged Indices	396	4.7%	8.3%	0.5%	49	16.7%	248%	0.2%
Fixed Income	349	6.2%	9.7%	0.4%	33	-46%	16.8%	0.2%
Fund	177	1.6%	16.5%	0.2%	4	33%	-24%	0.0%
Leveraged Commodities	177	13.9%	43%	0.2%	65	76%	279%	0.3%
Leveraged Stocks	157	1.3%	5.1%	0.2%	49		359%	0.2%
Basket	18	-1.8%	-2.5%	0.0%	0			0.0%
Leveraged Currencies	8	0.0%	-5.3%	0.0%	0			0.0%
Equities	8	65%	-94%	0.0%	0	-100%	-100%	0.0%
Commodity Indices	1	0.0%	-25%	0.0%	0			0.0%
Total	78,977	-2.8%	7.5%	100%	20,575	-23.3%	-7.9%	100%

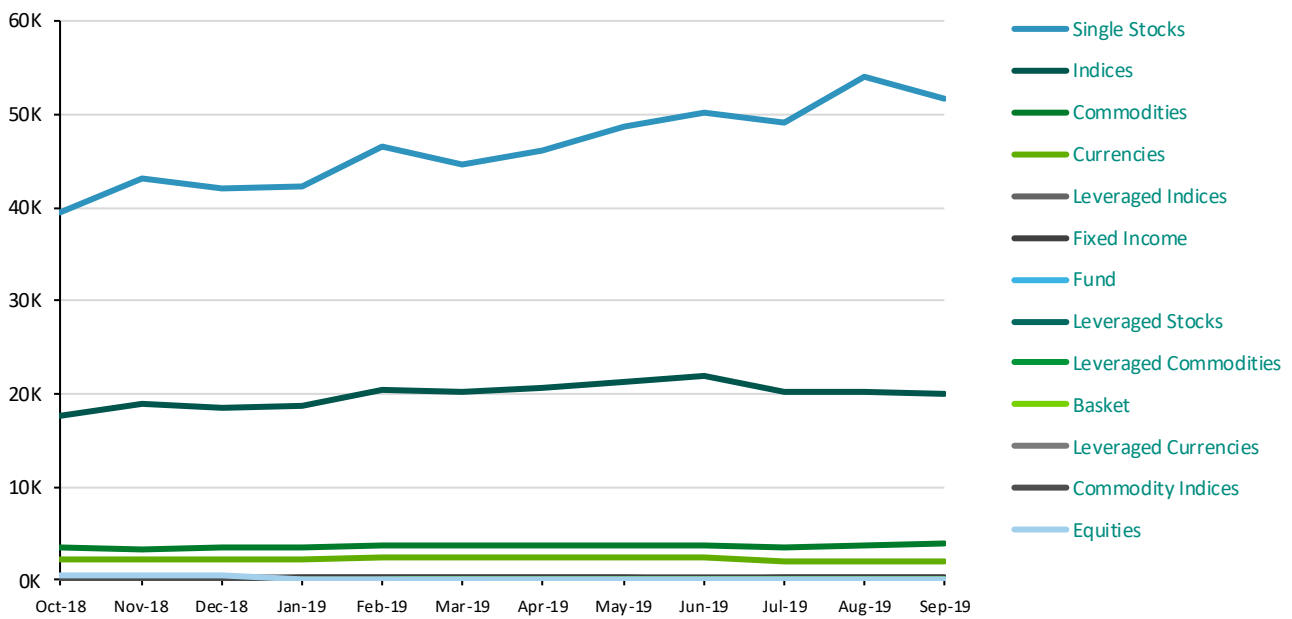
(Source Euronext)



UNDERLYING TYPES

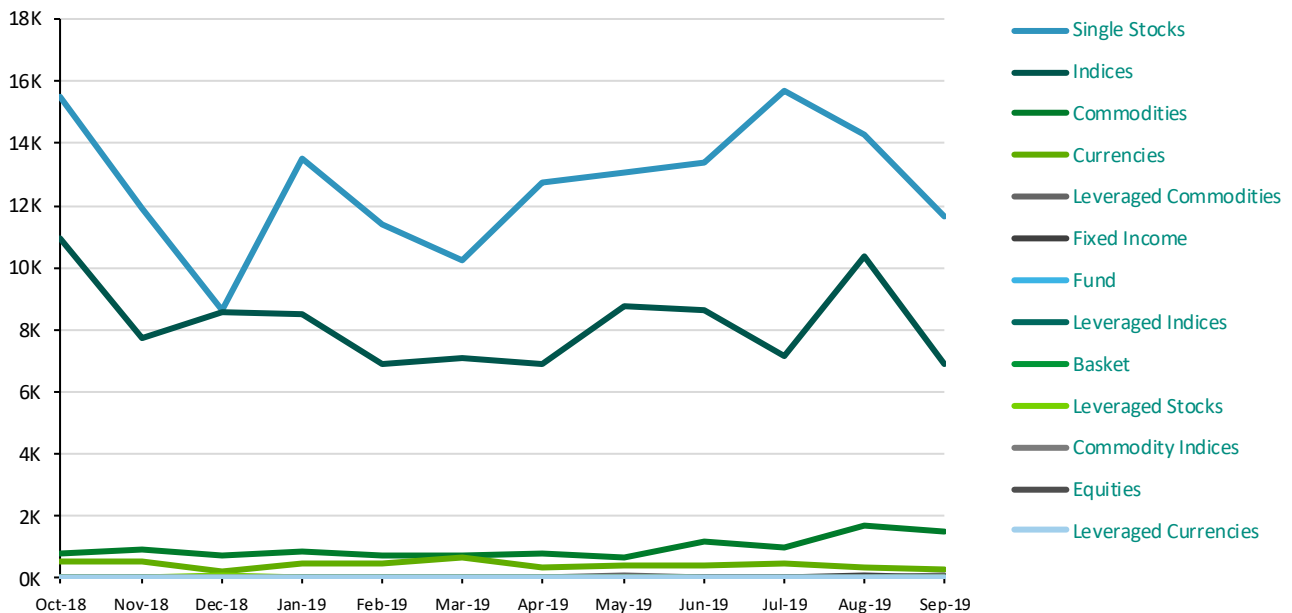
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

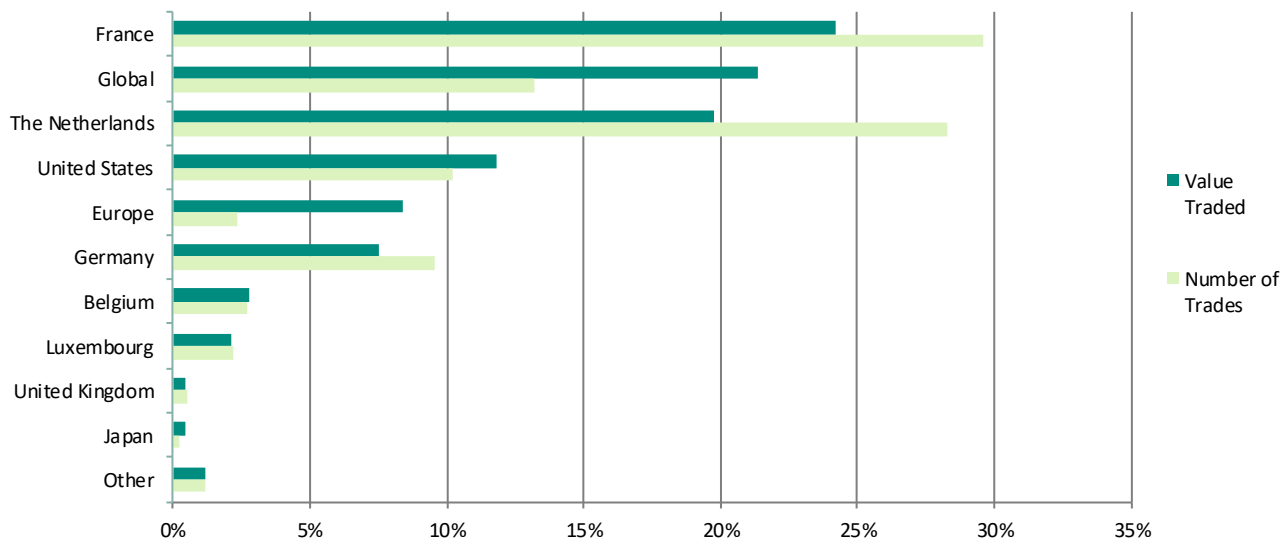
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	8,840	-21%	-8.7%	24.2%	3,703	-16.5%	-10.7%	29.6%
Global	7,817	-18.1%	-10.9%	21.4%	1,650	-67%	-55%	13.2%
The Netherlands	7,233	24%	25%	19.8%	3,541	144%	121%	28.3%
United States	4,312	-22%	3.0%	11.8%	1,277	-33%	20%	10.2%
Europe	3,078	-17.7%	-13.9%	8.4%	291	-83%	-81%	2.3%
Germany	2,735	119%	-21%	7.5%	1,193	220%	335%	9.5%
Belgium	1,023	8.7%	-9.7%	2.8%	338	235%	-15.1%	2.7%
Luxembourg	784	25%	77%	2.1%	276	-1.3%	18.2%	2.2%
United Kingdom	161	-22%	-29%	0.4%	66	-2.4%	-16.0%	0.5%
Japan	150	1.1%	48%	0.4%	25	-36%	28%	0.2%
Other	439	25%	24%	1.2%	146	28%	9.4%	1.2%
Total	36,572	-7.1%	-3.1%	100%	12,505	-18.9%	-5.0%	100%

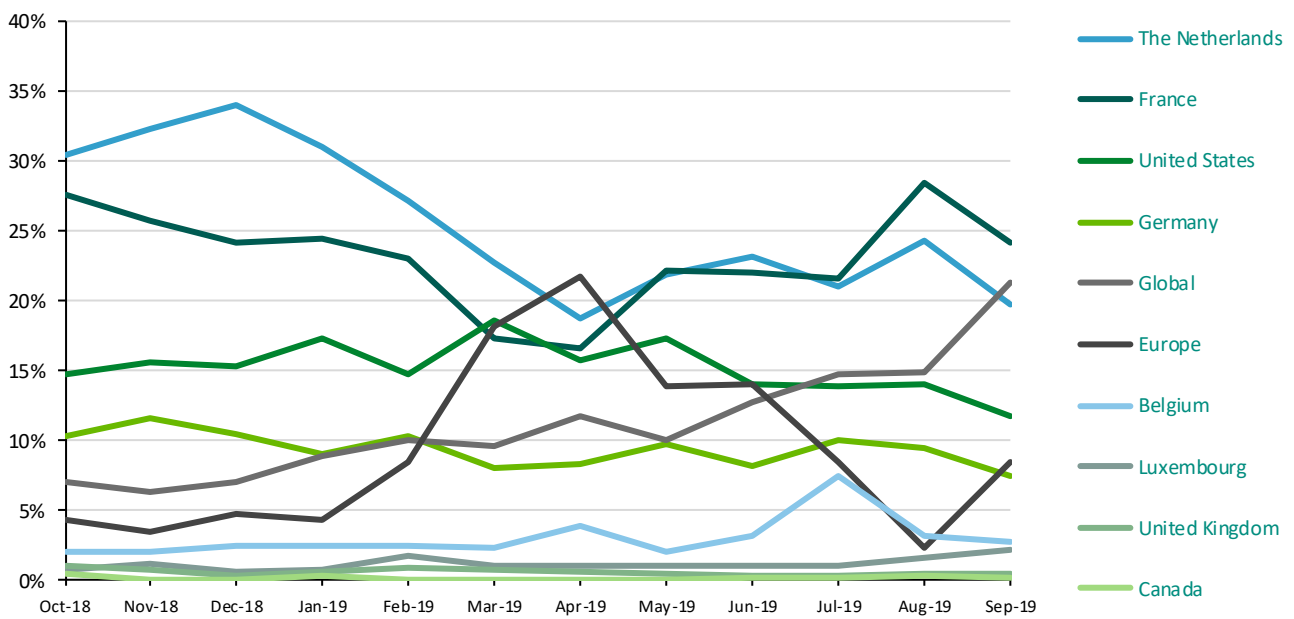
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TOP 10 UNDERLYING COUNTRIES

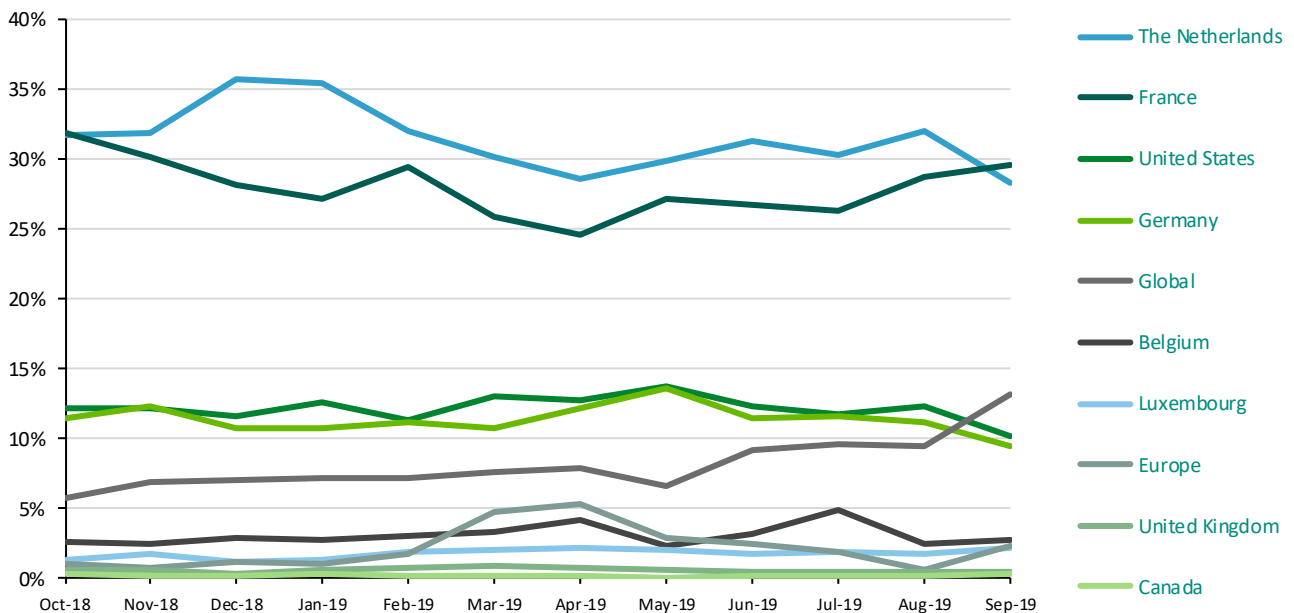
Market Trend: Value traded

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

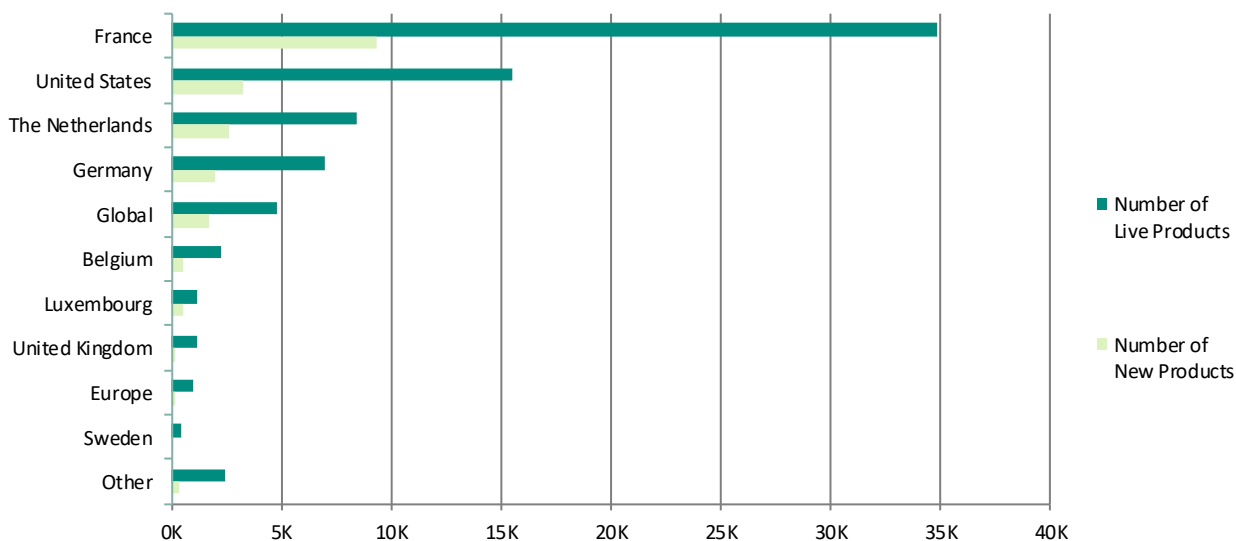
Product Overview

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	34,840	-4.9%	2.6%	44.1%	9,299	-19.6%	-13.0%	45.2%
United States	15,537	-4.6%	16.9%	19.7%	3,279	-38%	-26%	15.9%
The Netherlands	8,437	0.9%	7.4%	10.7%	2,609	-13.7%	19.1%	12.7%
Germany	6,940	0.5%	15.4%	8.8%	2,014	-35%	-4.1%	9.8%
Global	4,768	4.8%	10.0%	6.0%	1,661	-9.4%	53%	8.1%
Belgium	2,212	-0.4%	18.3%	2.8%	499	9.4%	12.8%	2.4%
Luxembourg	1,198	-2.5%	-4.0%	1.5%	531	-9.5%	12.8%	2.6%
United Kingdom	1,139	-1.5%	8.6%	1.4%	165	-26%	-28%	0.8%
Europe	970	1.3%	-3.3%	1.2%	114	-36%	-32%	0.6%
Sweden	474	-3.5%	6.6%	0.6%	91	-29%	-18.8%	0.4%
Other	2,463	1.0%	2.2%	3.1%	313	-34%	-26%	1.5%
Total	78,977	-2.8%	7.5%	100%	20,575	-23.3%	-7.9%	100%

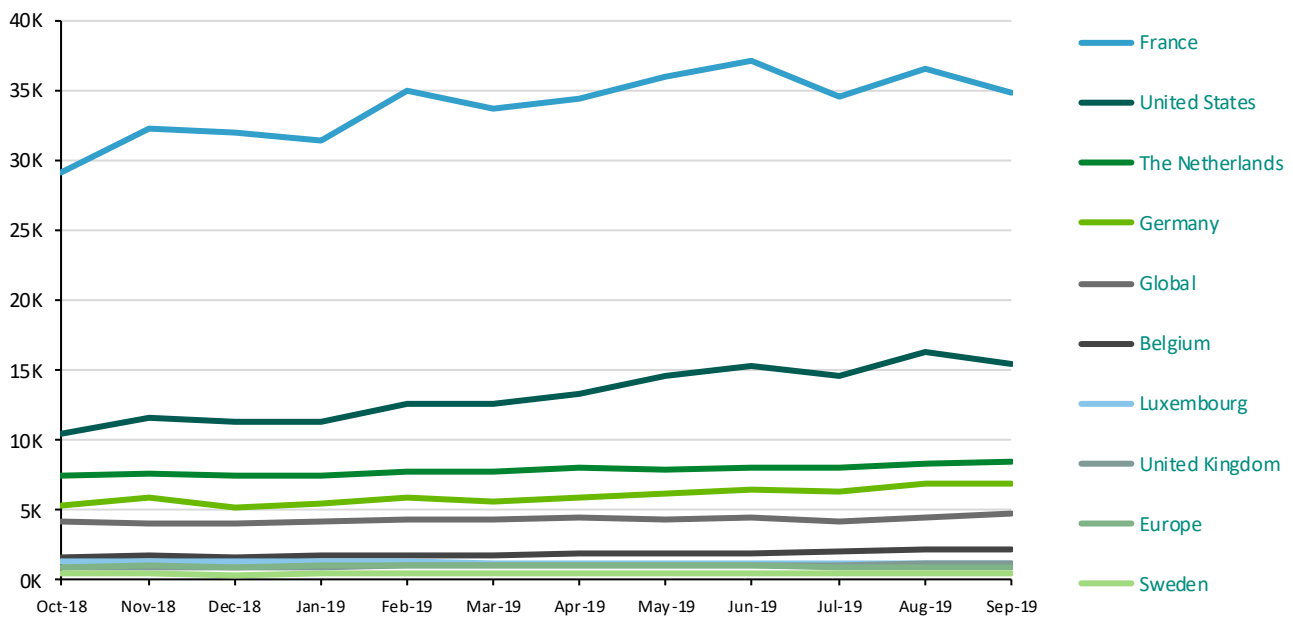
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TOP 10 UNDERLYING COUNTRIES

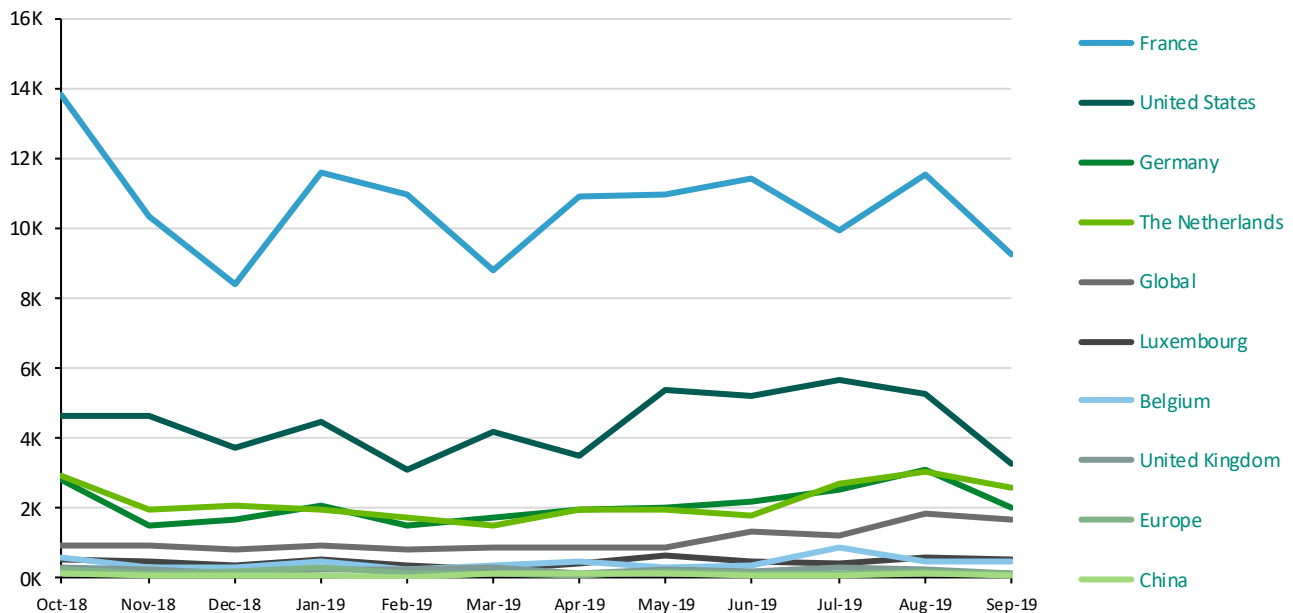
Product Trend: Number of Live Products

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

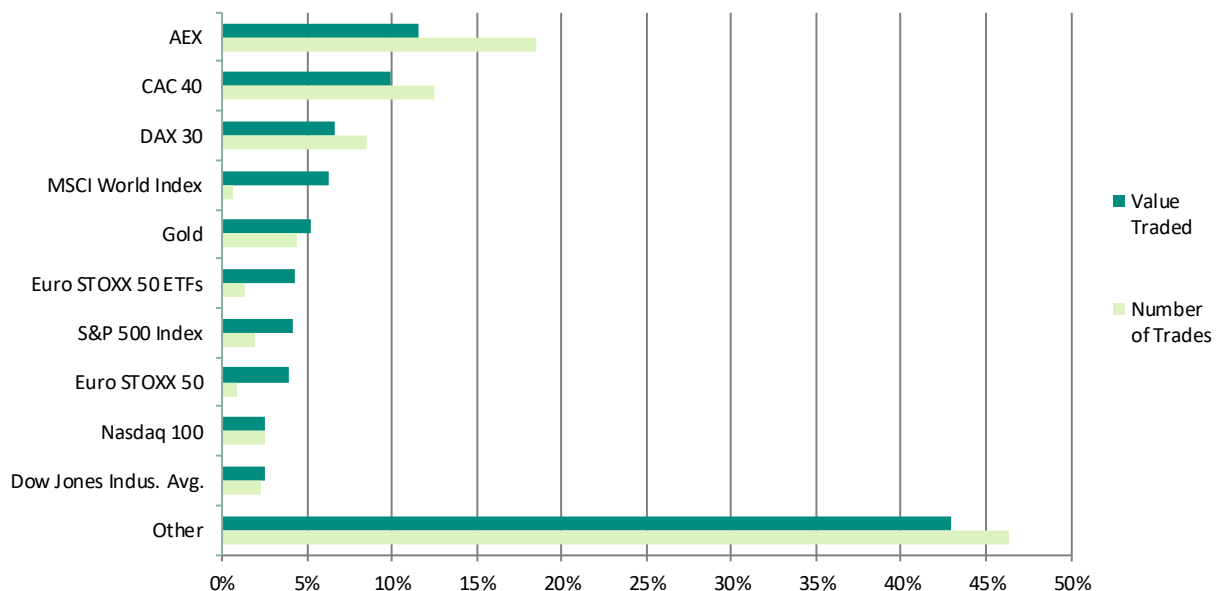
Market Overview

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	4,210	-39%	-39%	11.5%	2,319	-33.6%	-16.2%	18.5%
CAC 40	3,627	-38%	-10.4%	9.9%	1,559	-32%	-7.5%	12.5%
DAX 30	2,445	-29%	-25%	6.7%	1,069	-31%	-21%	8.5%
MSCI World Index	2,309	-2.9%	-1.4%	6.3%	85	-86%	-47%	0.7%
Gold	1,926	18.2%	24%	5.3%	551	-2.1%	130%	4.4%
Euro STOXX 50 ETFs	1,575	12.0%	17.0%	4.3%	172	-43%	-57%	1.4%
S&P 500 Index	1,519	9.1%	12.9%	4.2%	241	-54%	290%	1.9%
Euro STOXX 50	1,434	14.0%	17.8%	3.9%	111	99%	-72%	0.9%
Nasdaq 100	929	7.0%	-11.8%	2.5%	317	20%	208%	2.5%
Dow Jones Indus. Avg.	902	8.0%	-8.7%	2.5%	288	41%	0.1%	2.3%
Other	15,696	16.9%	14.9%	42.9%	5,793	4.0%	1.4%	46.3%
Total	36,572	-7.1%	-3.1%	100%	12,505	-18.9%	-5.0%	100%

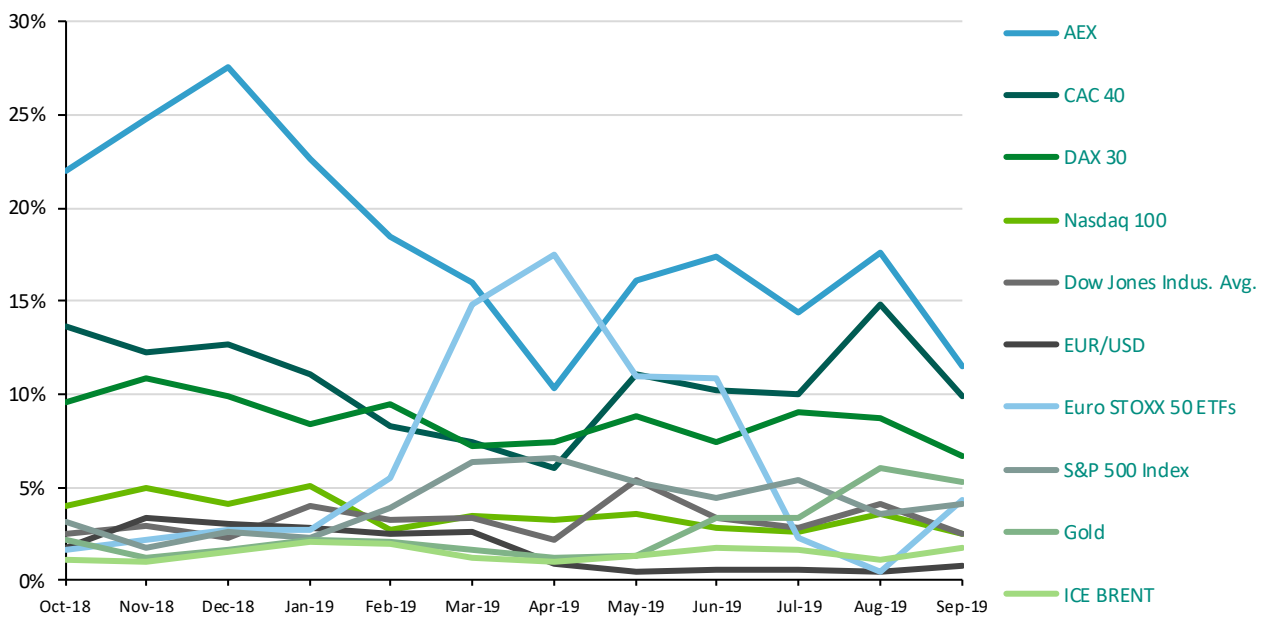
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TOP 10 UNDERLYINGS

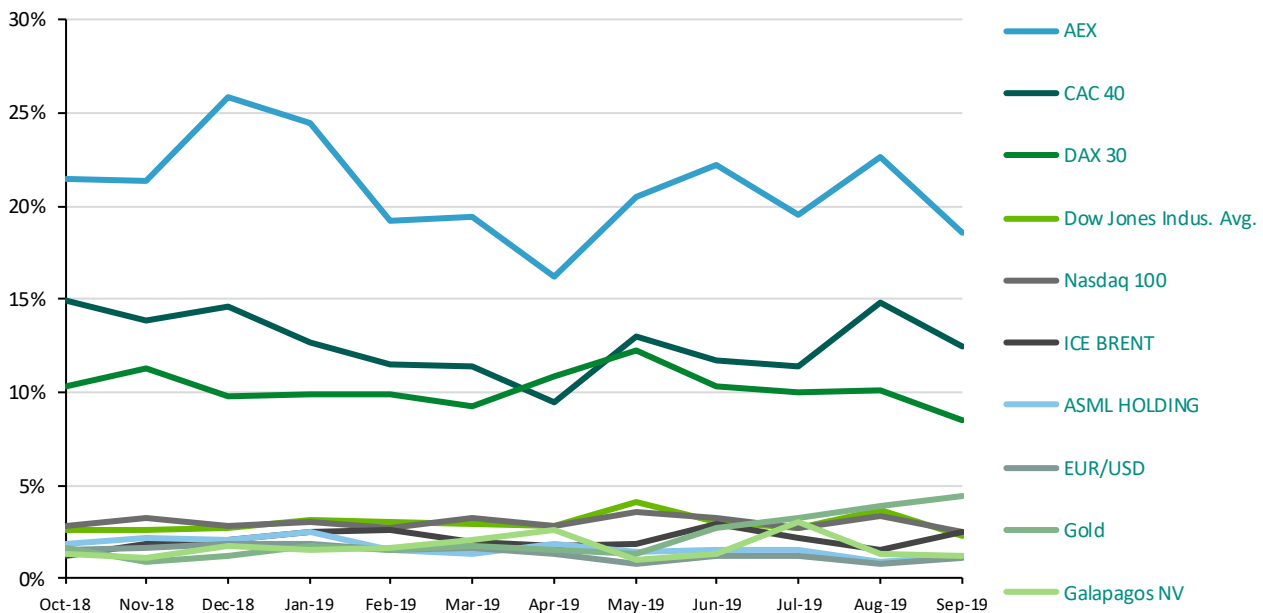
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

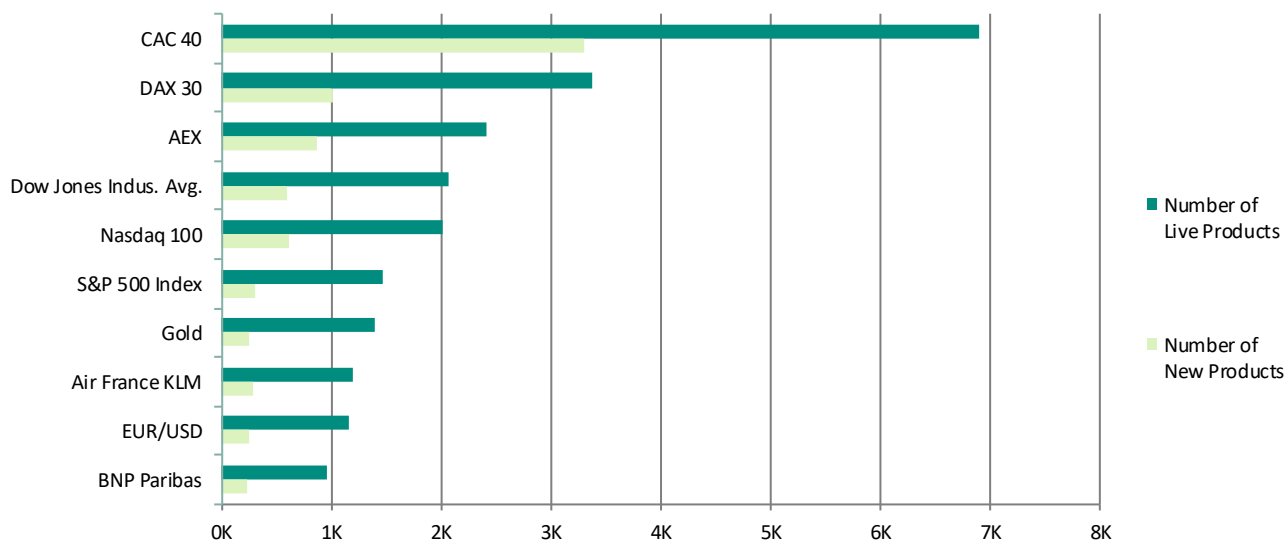
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	6,898	0.0%	-0.6%	8.7%	3,309	-25%	-9.4%	16.1%
DAX 30	3,368	-0.8%	3.1%	4.3%	1,022	-37%	-23%	5.0%
AEX	2,408	-0.2%	-3.3%	3.0%	863	-35%	3.7%	4.2%
Dow Jones Indus. Avg.	2,067	-1.3%	2.3%	2.6%	596	-47%	-31%	2.9%
Nasdaq 100	2,019	-0.8%	11.2%	2.6%	622	-37%	-22%	3.0%
S&P 500 Index	1,462	-4.0%	0.8%	1.9%	297	-47%	-32%	1.4%
Gold	1,394	7.0%	14.1%	1.8%	255	-60%	-8.9%	1.2%
Air France KLM	1,192	-9.0%	1.3%	1.5%	286	-49%	-37%	1.4%
EUR/USD	1,158	-4.5%	-12.0%	1.5%	246	9.8%	-3.8%	1.2%
BNP Paribas	958	-6.4%	-4.1%	1.2%	223	-2.6%	-20%	1.1%
Other	56,052	-3.4%	10.4%	71.0%	12,856	-15.1%	-2.3%	62.5%
Total	78,977	-2.8%	7.5%	100%	20,575	-23.3%	-7.9%	100%

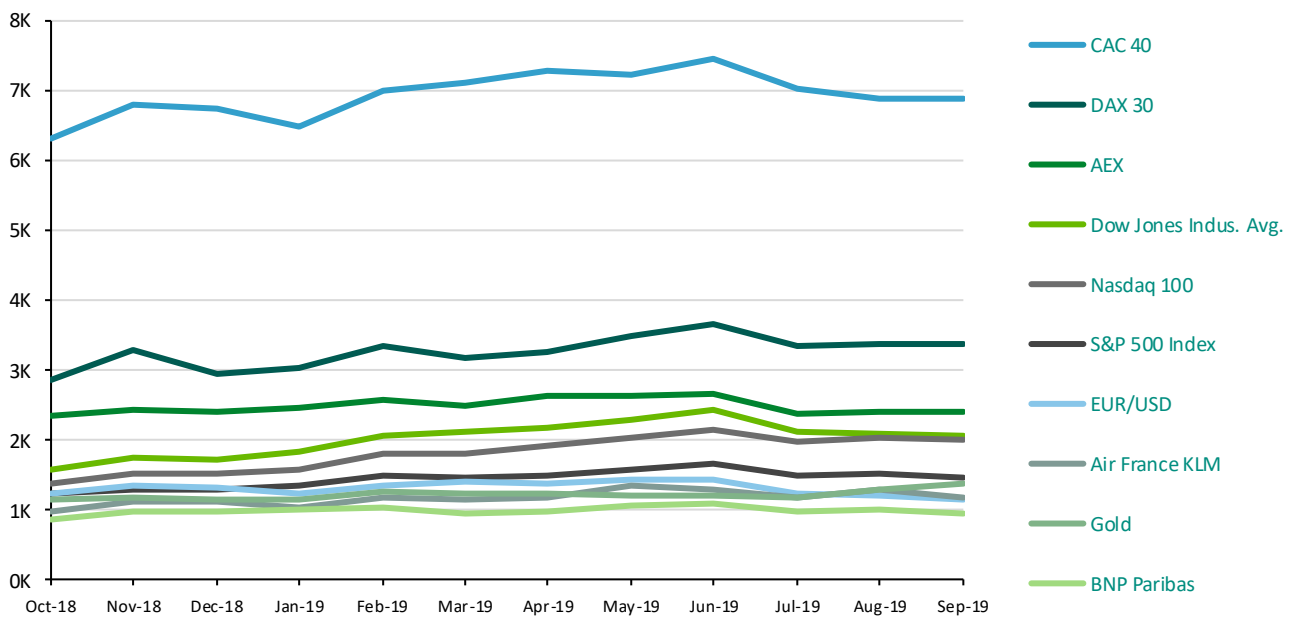
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TOP 10 UNDERLYINGS

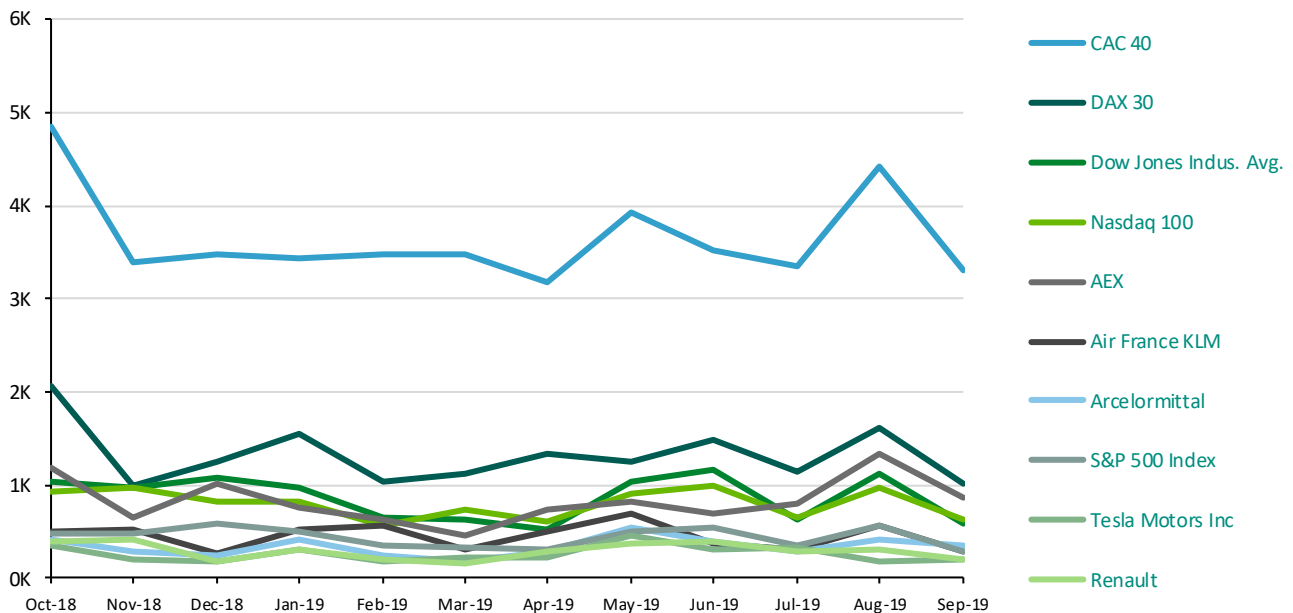
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	55,345	2,444
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	24,496	1,448
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	23,192	1,864
DE000VF6XJM2	Vontobel	2205	Open-End Knock-Out Warrants	Gold	22,419	3,210
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	14,442	2,268
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	10,153	904
NL0013748338	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	8,262	1,174
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	7,338	1,440
NL0012969133	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	6,708	44
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	6,280	2,174
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	5,248	800
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	5,174	420
DE000CU15504	Commerzbank	2300	Constant Leverage Certificate	CAC 40	5,165	680
NL0013588098	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	5,051	390
NL0013748817	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	5,037	784
NL0013508427	ING	2205	Open-End Knock-Out Warrants	DAX 30	4,755	936
NL0013506991	ING	2205	Open-End Knock-Out Warrants	AEX	4,697	1,650
NL0013296783	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,568	1,870
DE000CU1DP30	Commerzbank	2200	Knock-Out Warrants	AEX	4,465	268
NL0013748395	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,347	1,184
DE000CA0ZD72	Commerzbank	2300	Constant Leverage Certificate	CAC 40	4,145	1,372
DE000VF8ES22	Vontobel	2205	Open-End Knock-Out Warrants	Amazon	4,077	72
NL0013371875	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	4,068	660
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	3,989	152
NL0013294739	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,918	296
NL0013748767	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	3,881	730
DE000VF8XKN4	Vontobel	2205	Open-End Knock-Out Warrants	AEX	3,791	9,612
NL0013447139	Goldman Sachs	2210	Mini-Futures	AEX	3,776	208
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,747	1,304
NL0013751894	BNP Paribas	2210	Mini-Futures	Gold	3,670	400
NL0013366743	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,653	1,080
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	3,433	214
NL0013702673	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	3,371	536
DE000KA1P6N5	Citi	2100	Warrants	BARRICK GOLD CORPORATION	3,360	256
NL0013751886	BNP Paribas	2210	Mini-Futures	Gold	3,334	286
LU1910611364	Société Générale	2100	Warrants	CAC 40	3,332	586
NL0013598998	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	3,324	198
FR0013366572	Commerzbank	1250	Capped Bonus Certificates	Casino	3,283	164
NL0013749765	BNP Paribas	2210	Mini-Futures	AEX	3,278	268
NL0013588627	BNP Paribas	2210	Mini-Futures	AEX	3,258	544
DE000VF3RCB9	Vontobel	2205	Open-End Knock-Out Warrants	AEX	3,202	11,278
DE000CP68CD6	Citi	2205	Open-End Knock-Out Warrants	AEX	3,140	648
NL0013371800	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,123	1,604
NL0011539267	BNP Paribas	2205	Open-End Knock-Out Warrants	Heineken	3,090	94
FR0011119395	Société Générale	2300	Constant Leverage Certificate	CAC 40 x7 Leveraged Index	3,014	482
FR0010673350	Société Générale	1300	Tracker Certificates	Gold	3,000	370
DE000VF8XJ79	Vontobel	2205	Open-End Knock-Out Warrants	AEX	2,935	758
NL0013508518	ING	2205	Open-End Knock-Out Warrants	Gold	2,892	520
NL0013748254	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	2,836	1,884
LU1815432056	Société Générale	1300	Tracker Certificates	CAC 40 x10 Short Index	2,820	560

(Source Euronext)



Euronext Amsterdam

ISSUERS

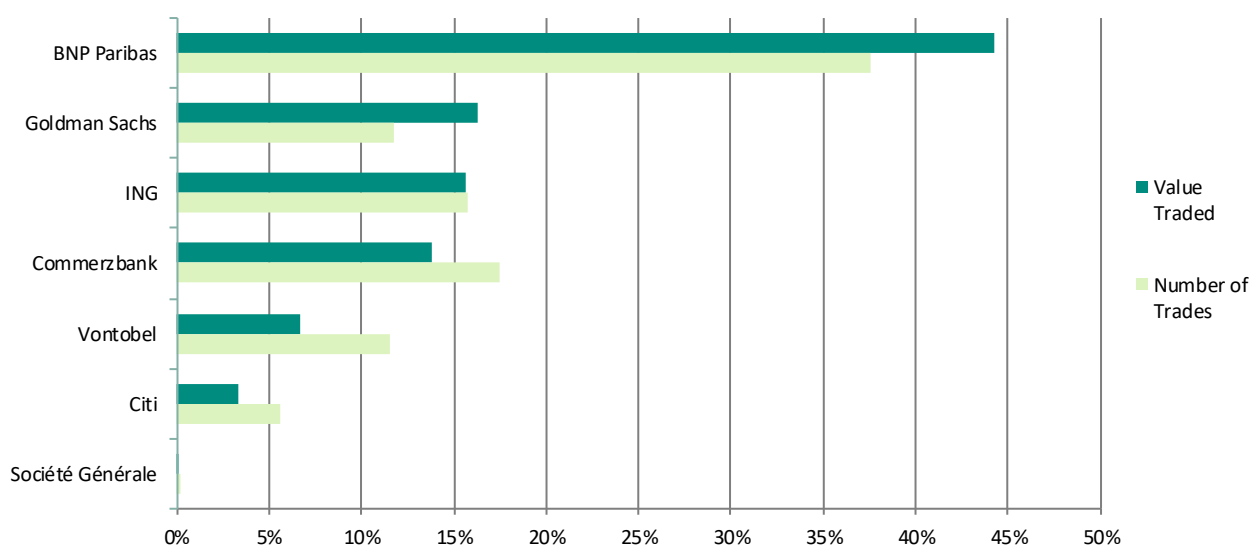
Market Overview

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	7,927	-18.6%	-14.9%	44.2%	2,644	-12.4%	-0.4%	37.6%
Goldman Sachs	2,913	-6.9%	-7.8%	16.2%	827	-22.3%	-21.5%	11.8%
ING	2,804	9.0%	2.6%	15.6%	1,109	-8.8%	11.0%	15.8%
Commerzbank	2,482	-3.3%	3.1%	13.8%	1,229	-13.0%	-10.1%	17.5%
Vontobel	1,191	-39%	7.7%	6.6%	815	-46.8%	2.9%	11.6%
Citi	588	-25%	-25%	3.3%	396	-36.6%	-36.7%	5.6%
Société Générale	23	-2.9%	-78%	0.1%	15	-35.2%	-83.3%	0.2%
Total	17,928	-13.7%	-8.6%	100%	7,035	-20.9%	-7.2%	100%

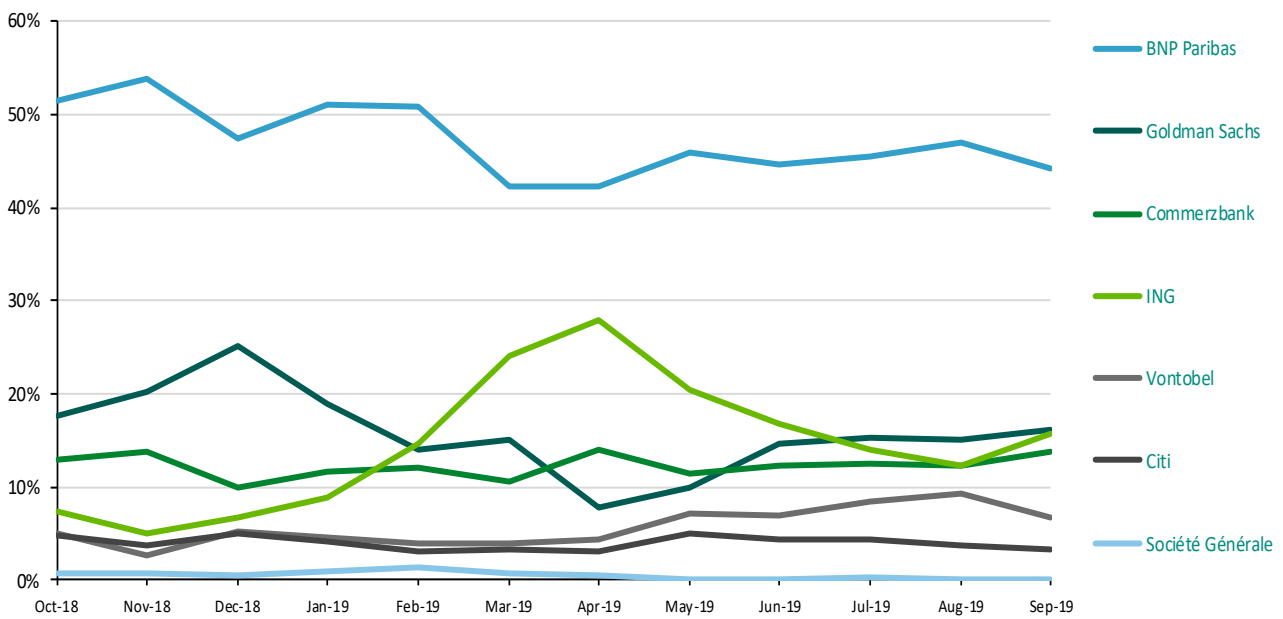
(Source Euronext)



ISSUERS

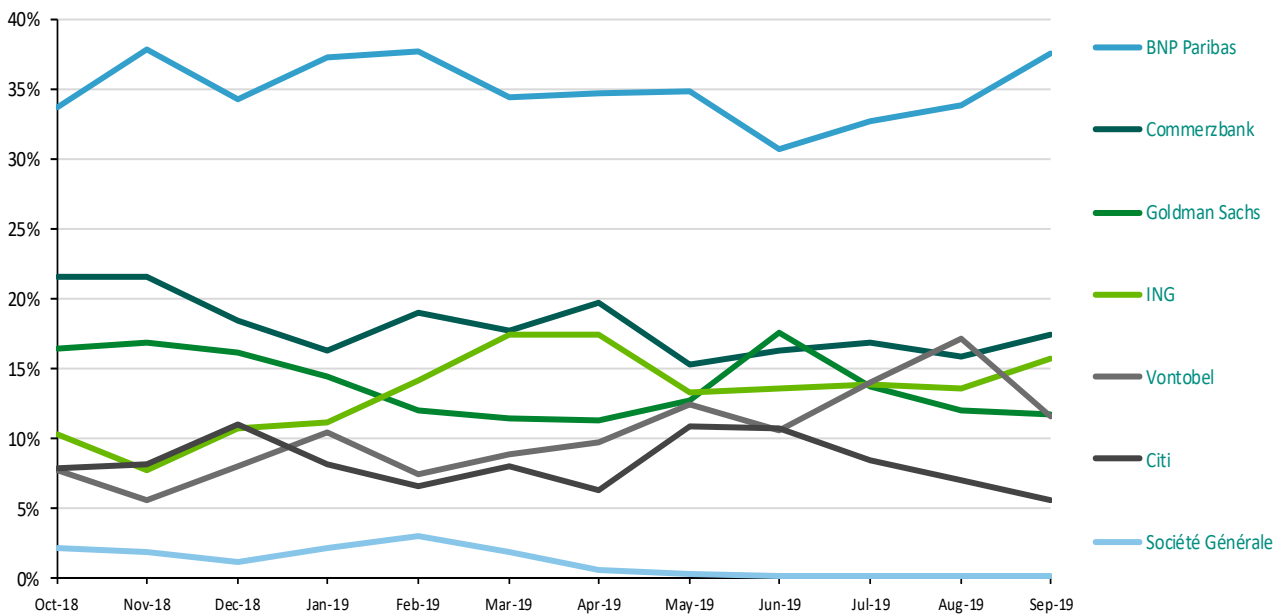
Market Trend: Value traded

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

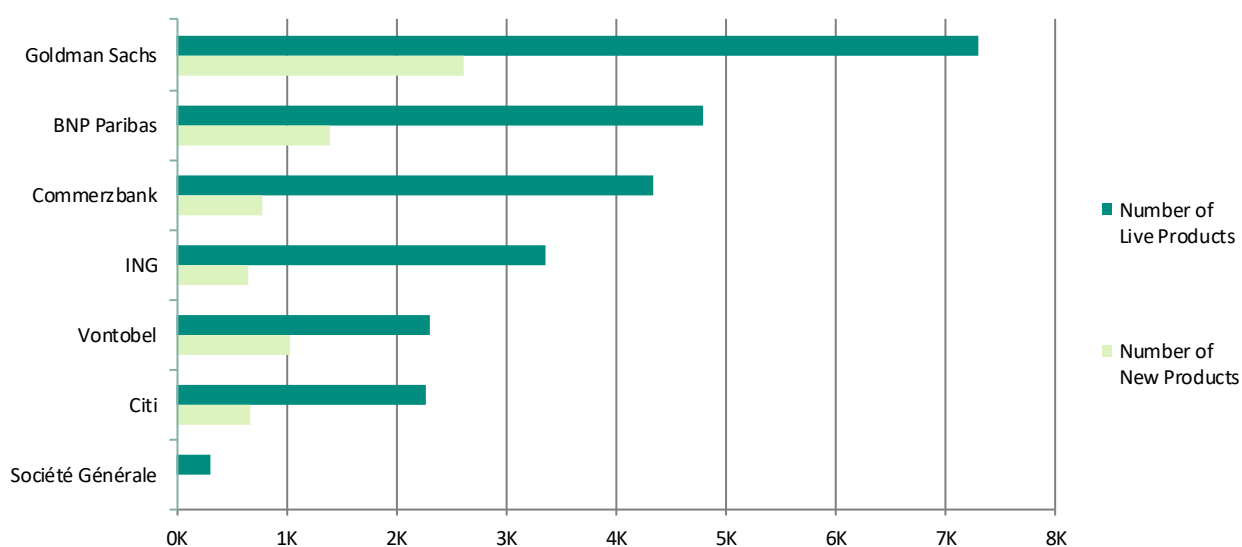
Product Overview

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	7,303	-5.4%	33%	29.6%	2,611	-24%	32%	36.6%
BNP Paribas	4,790	4.1%	13.7%	19.4%	1,389	-19.9%	15.3%	19.5%
Commerzbank	4,335	1.5%	2.7%	17.6%	783	-24%	-9.7%	11.0%
ING	3,365	8.0%	18.4%	13.6%	646	3.5%	63%	9.0%
Vontobel	2,310	-2.1%	-4.3%	9.4%	1,037	-24%	-8.7%	14.5%
Citi	2,258	5.2%	2.3%	9.2%	675	32%	26%	9.5%
Société Générale	305	-3.5%	-28%	1.2%	0		-100%	0.0%
Total	24,666	0.6%	13.1%	100%	7,141	-17.8%	15.1%	100%

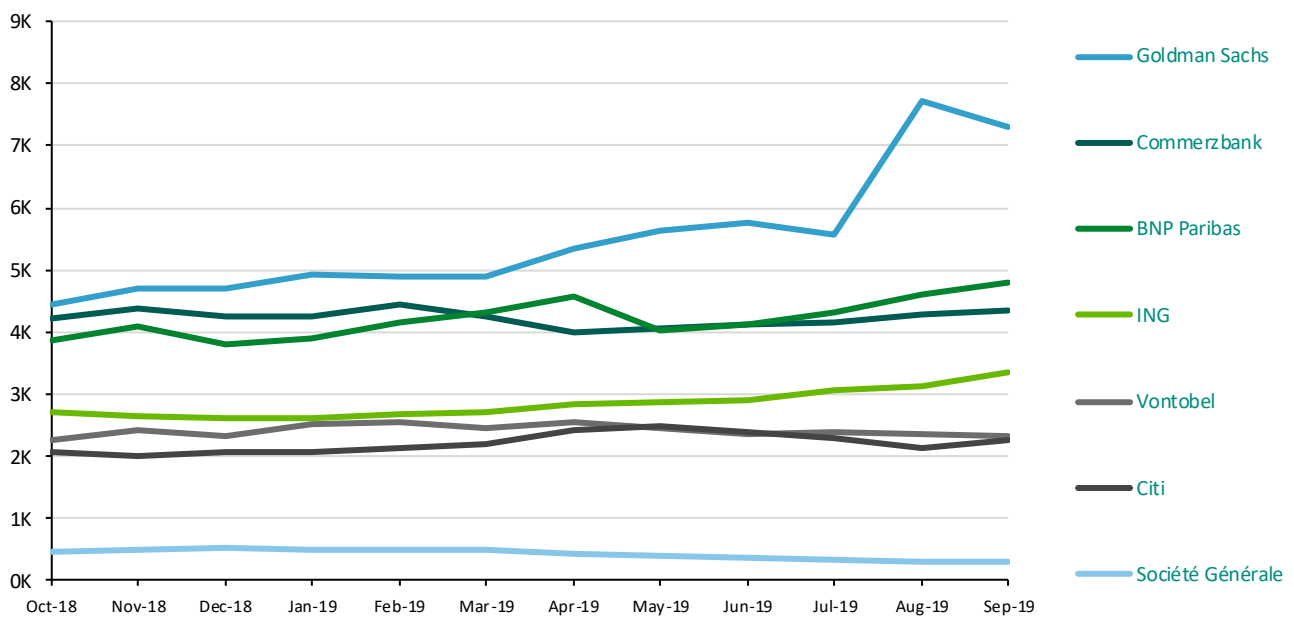
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ISSUERS

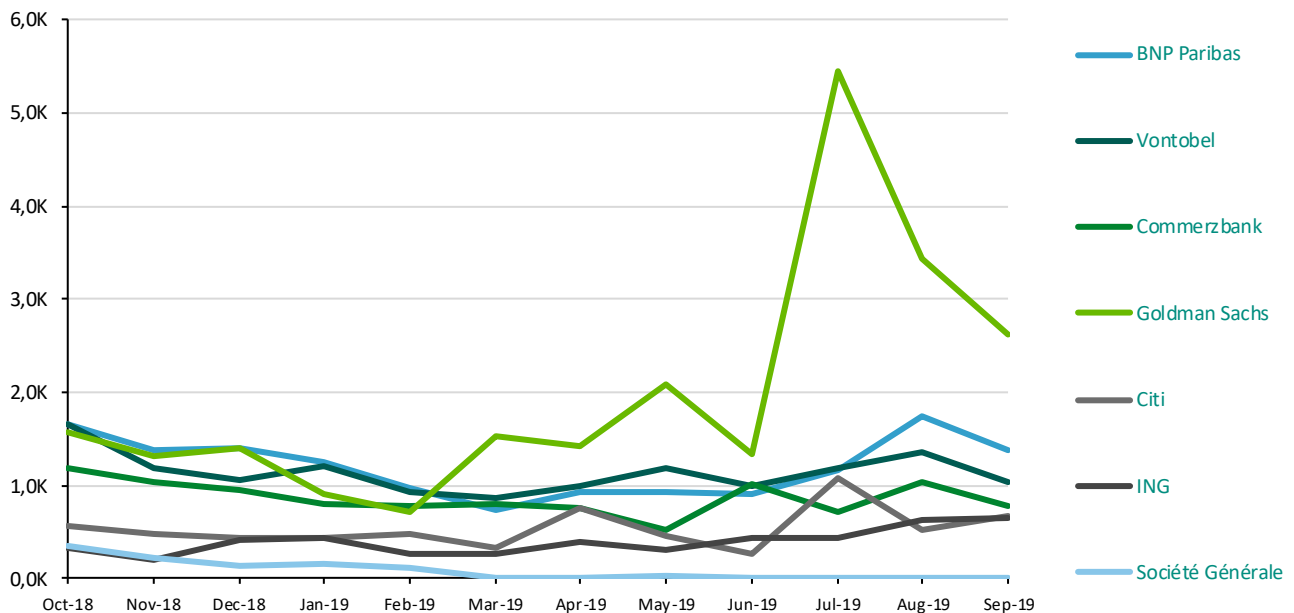
Product Trend: Number of Live Products

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)

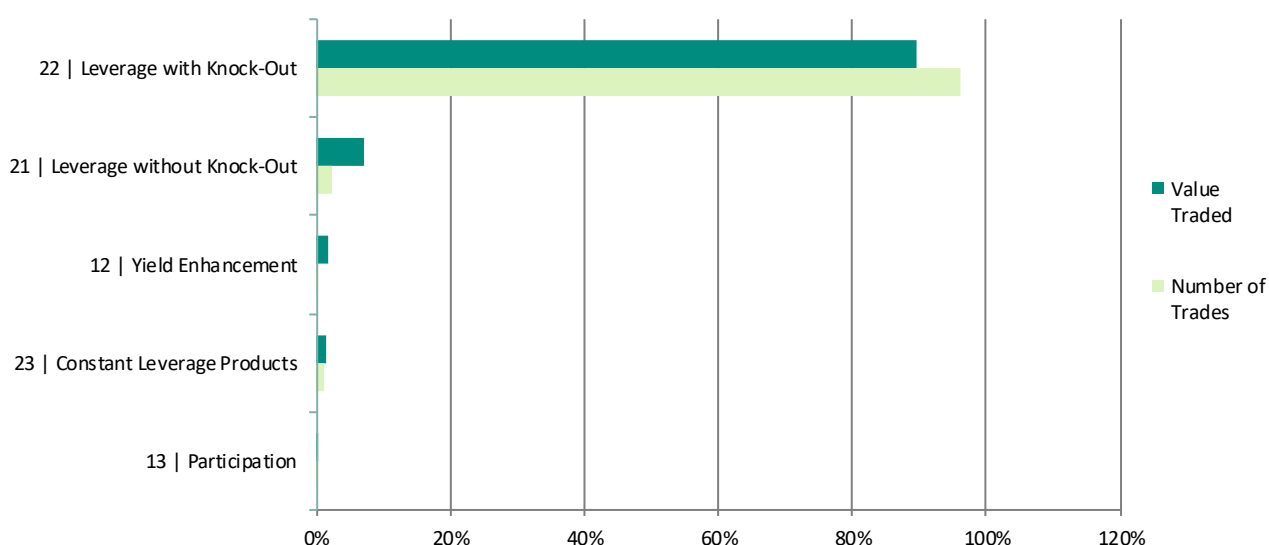
Market Overview

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	16,041	-21%	-10.6%	89.5%	6,756	-23.0%	-8.1%	96.0%
21 Leverage without Knock-Out	1,283	482%	1.7%	7.2%	168	495.2%	12.5%	2.4%
12 Yield Enhancement	333	77%	41%	1.9%	22	-71.4%	-6.5%	0.3%
23 Constant Leverage Products	235	696%	71%	1.3%	82	NA	45.3%	1.2%
13 Participation	36	108%	10.6%	0.2%	5.9	-3.1%	20.6%	0.1%
Total	17,928	-13.7%	-8.6%	100%	7,035	-20.9%	-7.2%	100%

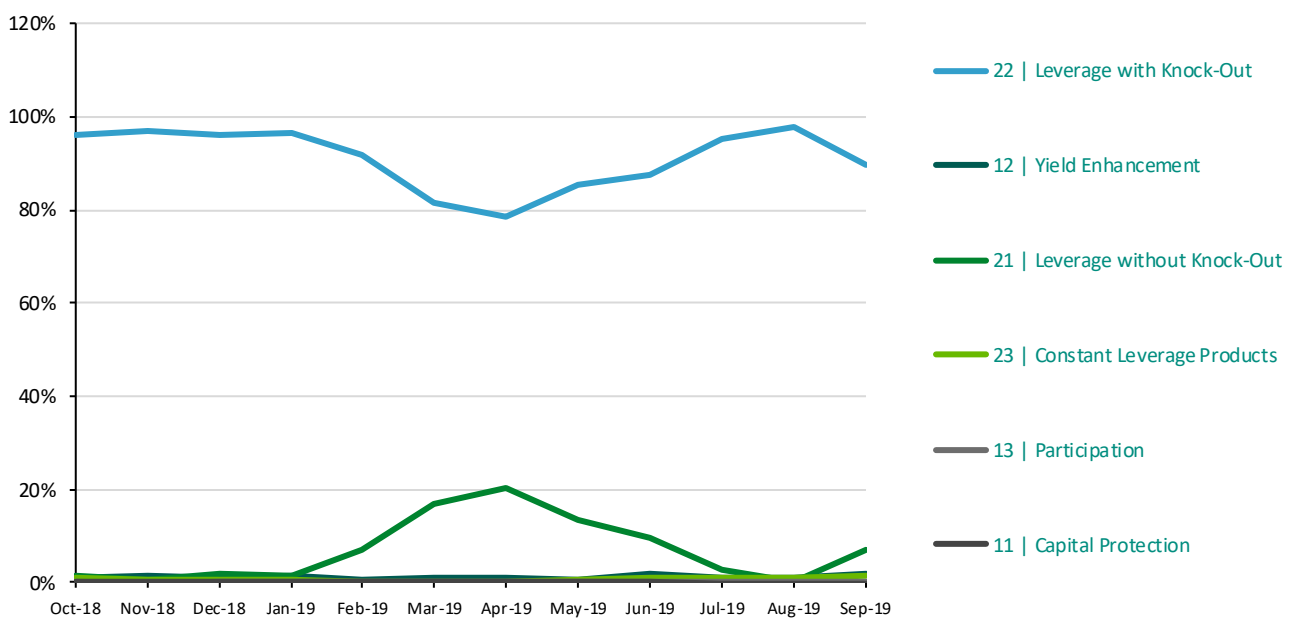
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

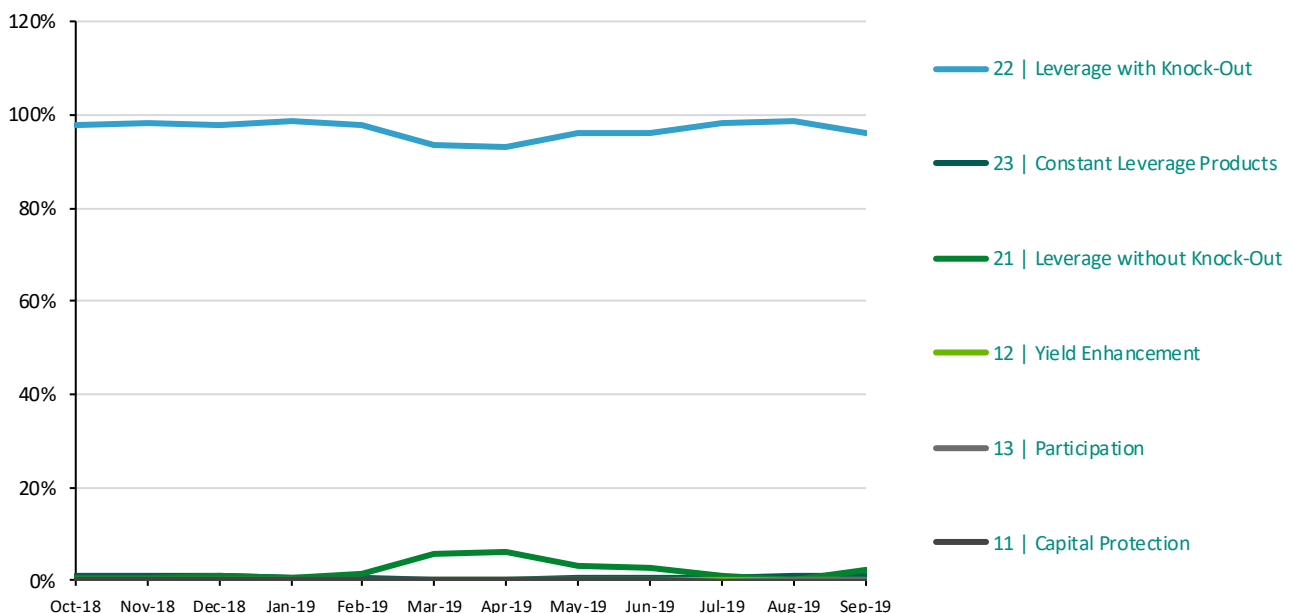
Market Trend: Value traded

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

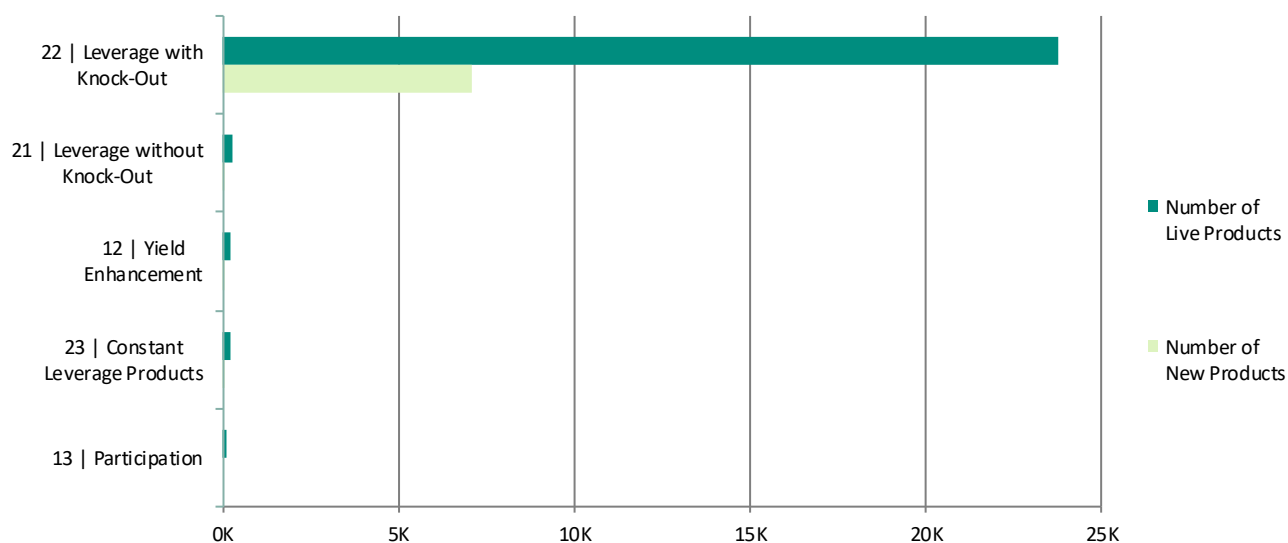
Product Overview

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	23,775	0.7%	13.8%	96.4%	7,092	-17.5%	15.9%	99.3%
21 Leverage without Knock-Out	290	-1.6%	2.9%	1.2%	30	-30%	-29%	0.4%
12 Yield Enhancement	241	-8.7%	-6.1%	1.0%	1	-98%	-97%	0.0%
23 Constant Leverage Products	235	-0.1%	-6.5%	1.0%	18		181%	0.3%
13 Participation	125	-4.3%	-8.0%	0.5%	0	-100%	-100%	0.0%
Total	24,666	0.6%	13.1%	100%	7,141	-17.8%	15.1%	100%

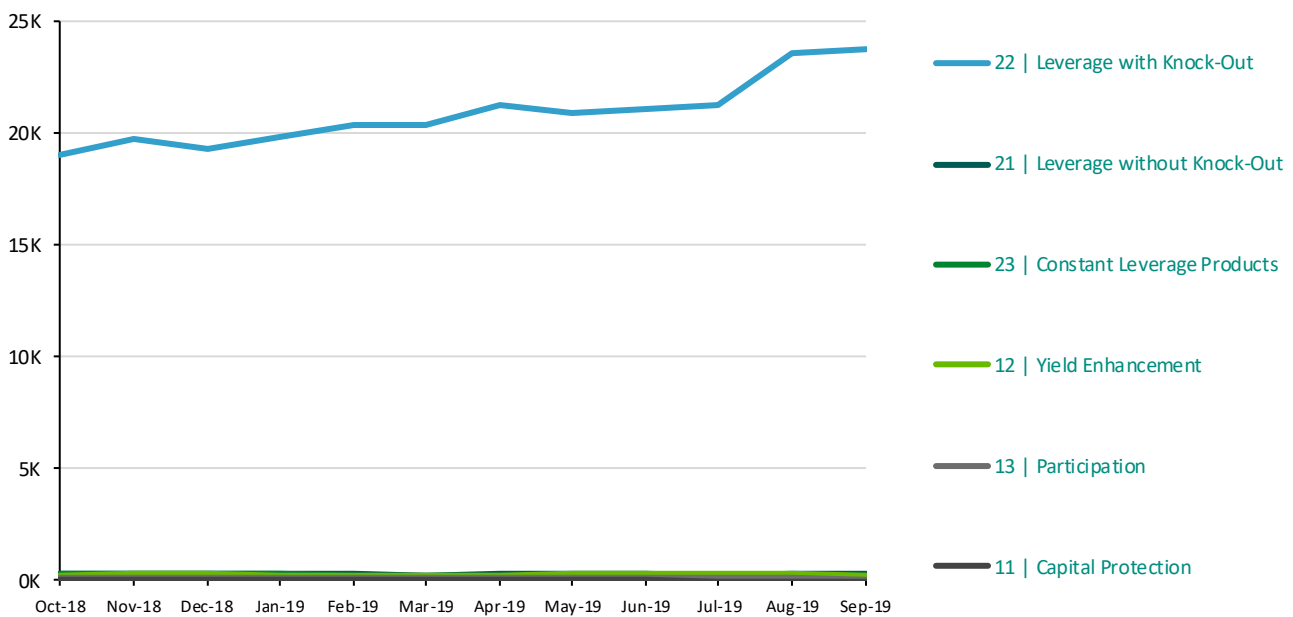
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

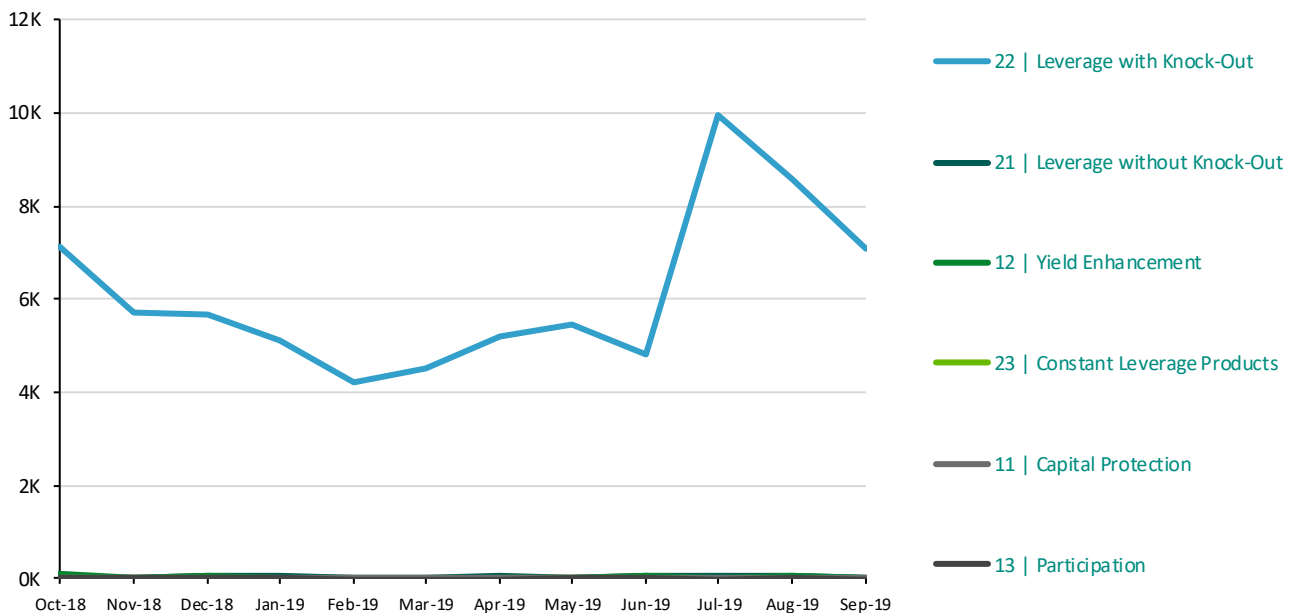
Product Trend: Number of Live Products

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)

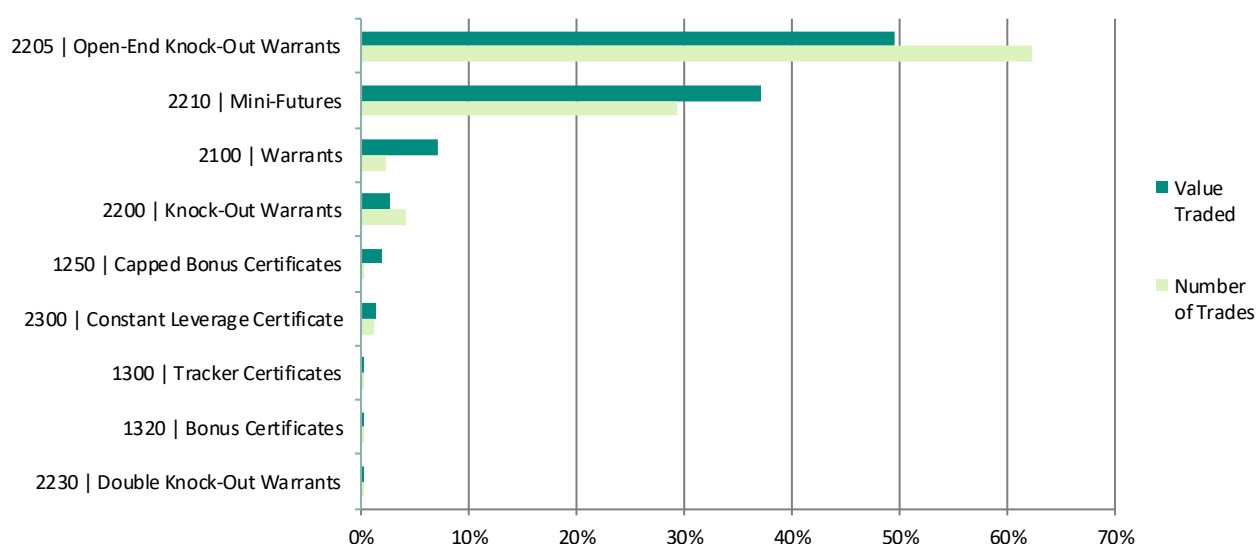
Market Overview

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	8,886	-29%	-13.5%	49.6%	4,390	-28.6%	-12.9%	62.4%
2210 Mini-Futures	6,678	-4.7%	-7.0%	37.2%	2,069	-2.8%	7.8%	29.4%
2100 Warrants	1,283	75%	1.7%	7.2%	168	-66%	12.5%	2.4%
2200 Knock-Out Warrants	477	116%	-3.1%	2.7%	296	948%	-23%	4.2%
1250 Capped Bonus Certificates	333	77%	41%	1.9%	22	-71%	-6.5%	0.3%
2300 Constant Leverage Certificate	235	781%	71%	1.3%	82	NA	45%	1.2%
1300 Tracker Certificates	32	84%	30%	0.2%	3.7	-39%	44%	0.1%
1320 Bonus Certificates	4	44%	-47%	0.0%	2.2	101%	-1.0%	0.0%
2230 Double Knock-Out Warrants	0	6.0%	-70%	0.0%	0.9	99%	437%	0.0%
Total	17,928	-13.7%	-8.6%	100%	7,035	-21%	-7.2%	100%

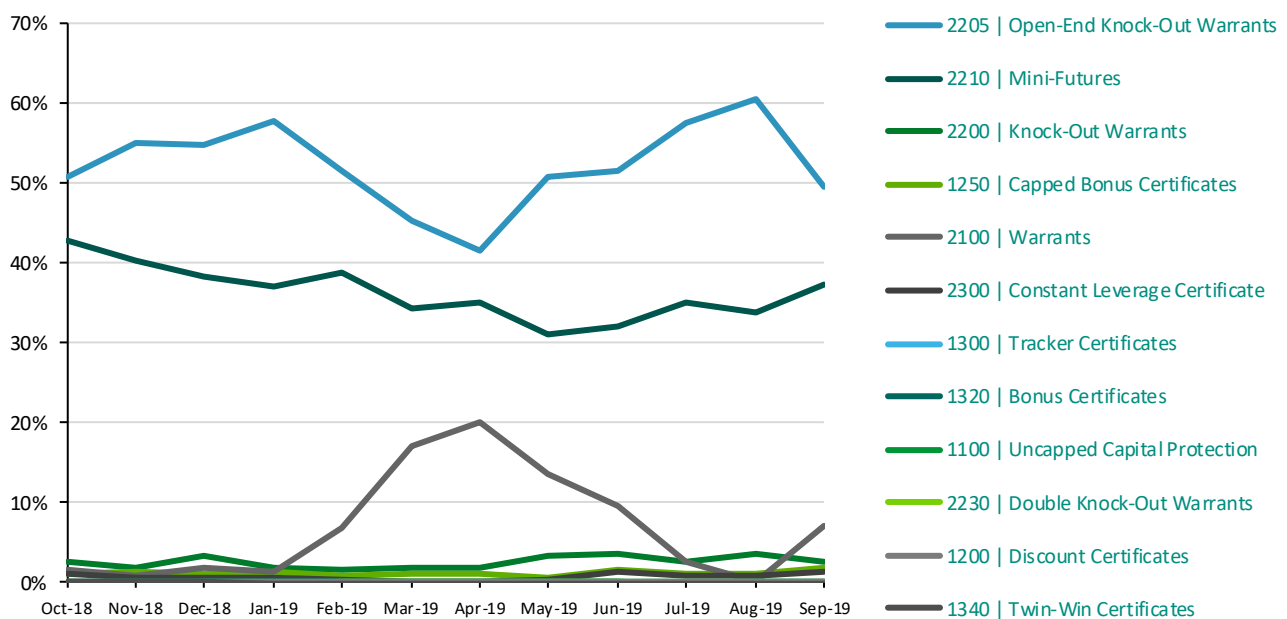
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

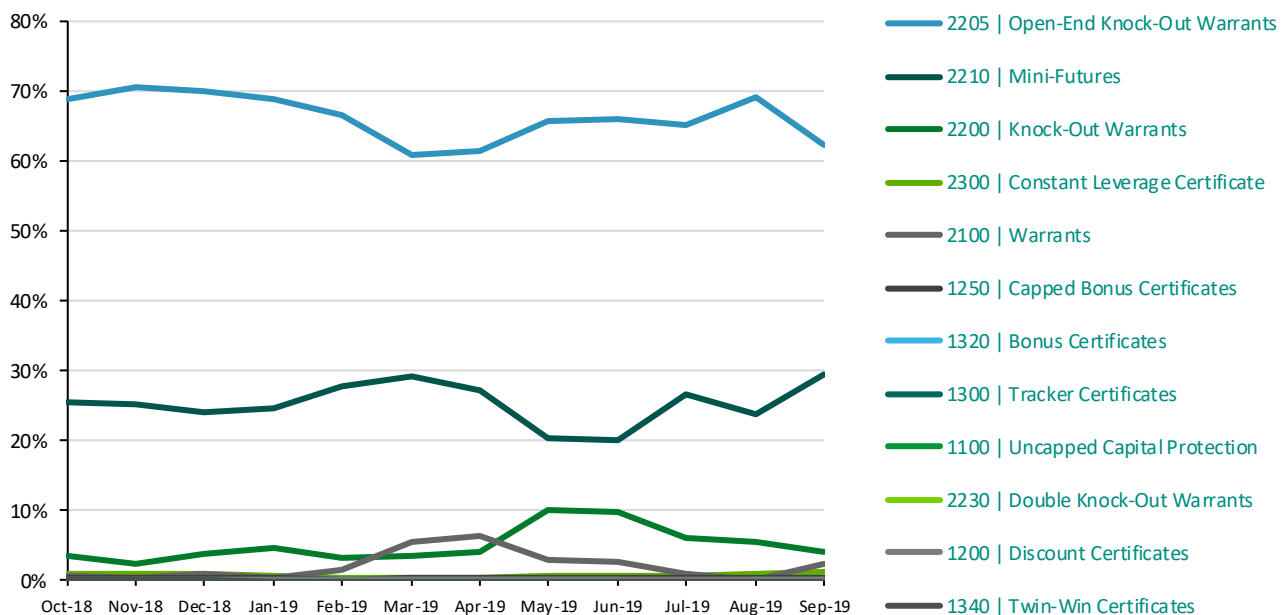
Market Trend: Value traded

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

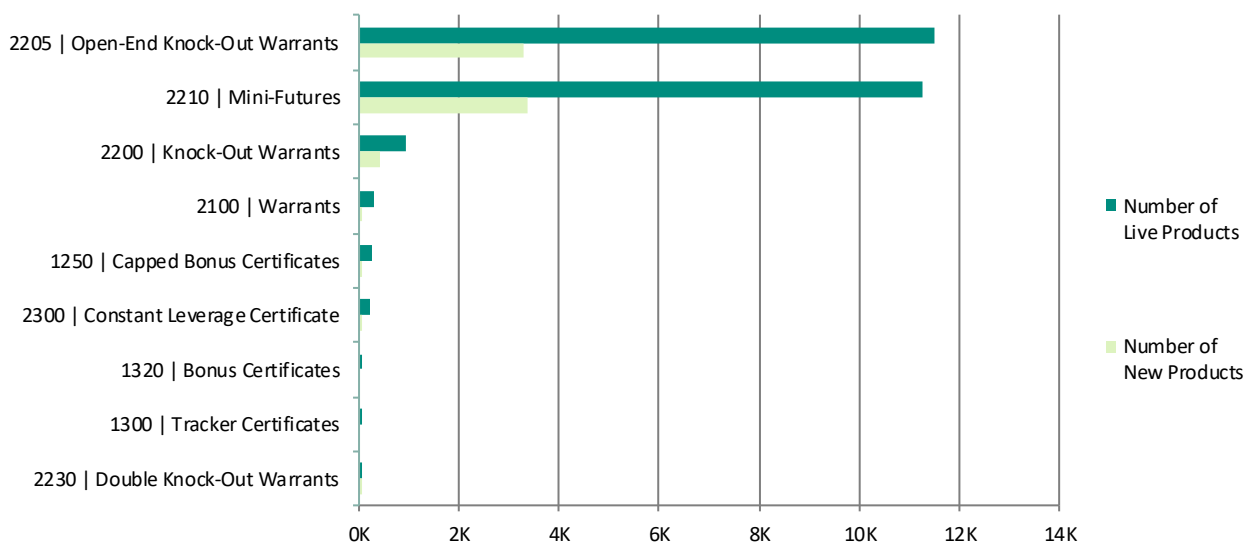
Product Overview

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	11,524	2.1%	16.3%	46.7%	3,299	-19.2%	6.2%	46.2%
2210 Mini-Futures	11,280	-0.2%	12.5%	45.7%	3,365	-13.5%	33%	47.1%
2200 Knock-Out Warrants	921	-5.5%	0.7%	3.7%	406	-32%	-15.3%	5.7%
2100 Warrants	290	-1.6%	2.9%	1.2%	30	-30%	-29%	0.4%
1250 Capped Bonus Certificates	241	-8.7%	-4.1%	1.0%	1	-98%	-97%	0.0%
2300 Constant Leverage Certificate	235	-0.1%	-6.5%	1.0%	18		181%	0.3%
1320 Bonus Certificates	67	-7.4%	-13.3%	0.3%	0	-100%	-100%	0.0%
1300 Tracker Certificates	57	-0.4%	-0.5%	0.2%	0		-100%	0.0%
2230 Double Knock-Out Warrants	50	5.9%	75%	0.2%	22	-15.4%	53%	0.3%
Total	24,666	0.6%	13.1%	100%	7,141	-17.8%	15.1%	100%

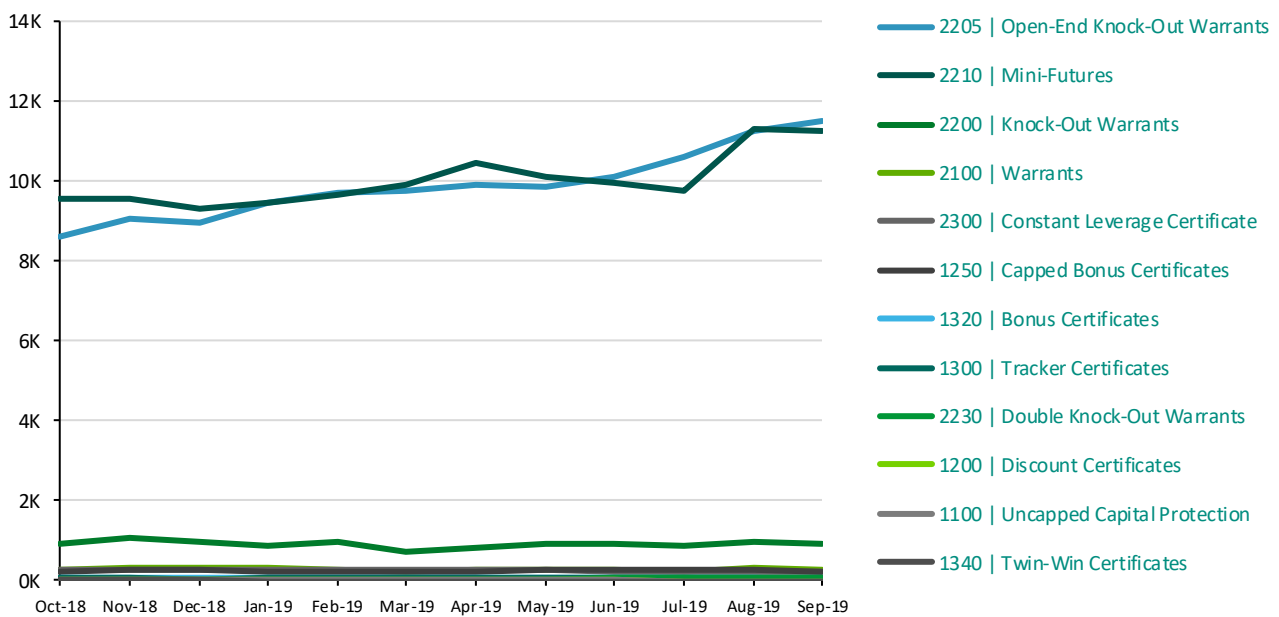
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

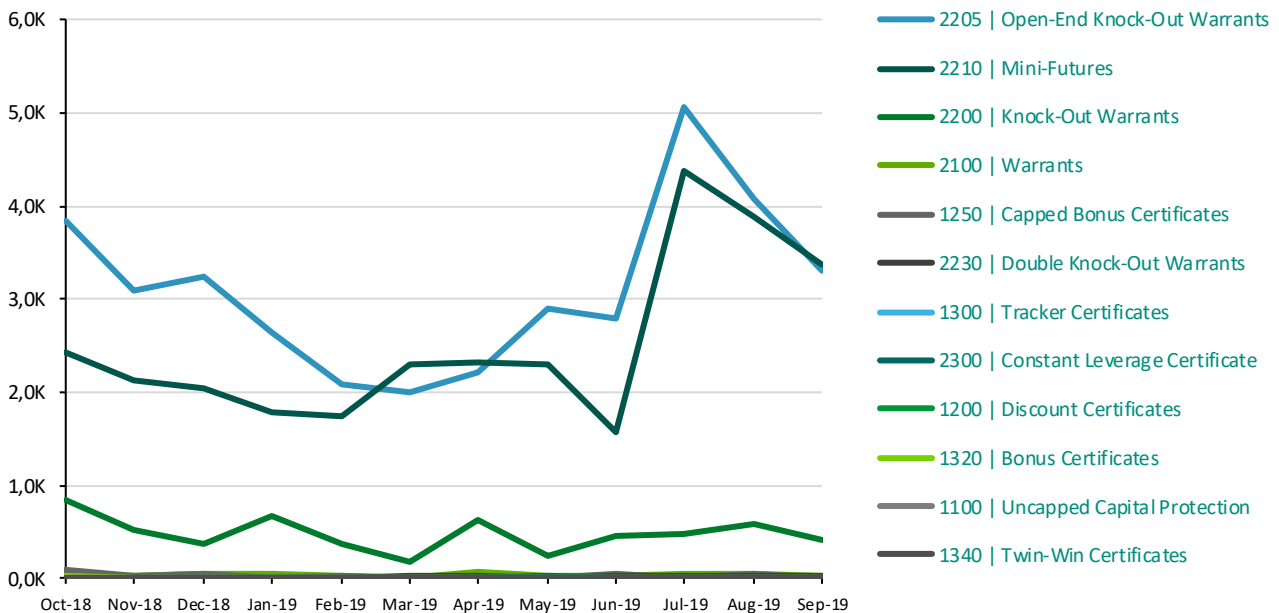
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

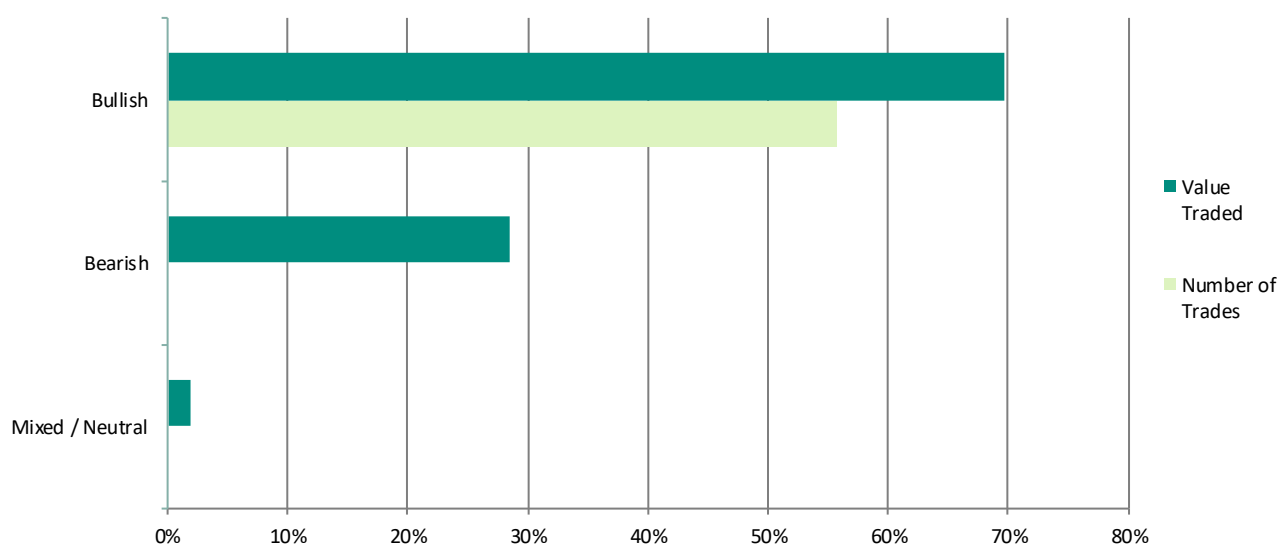
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	12,483	-7.6%	-2.8%	69.6%	3,925	-33.2%	-17.6%	55.8%
Bearish	5,112	-27%	-22%	28.5%	0.0	-100%	-100%	0.0%
Mixed / Neutral	333	51%	41%	1.9%	0.0	-100%	-100%	0.0%
Total	17,928	-13.7%	-8.6%	100%	7,035	-20.9%	-7.2%	100%

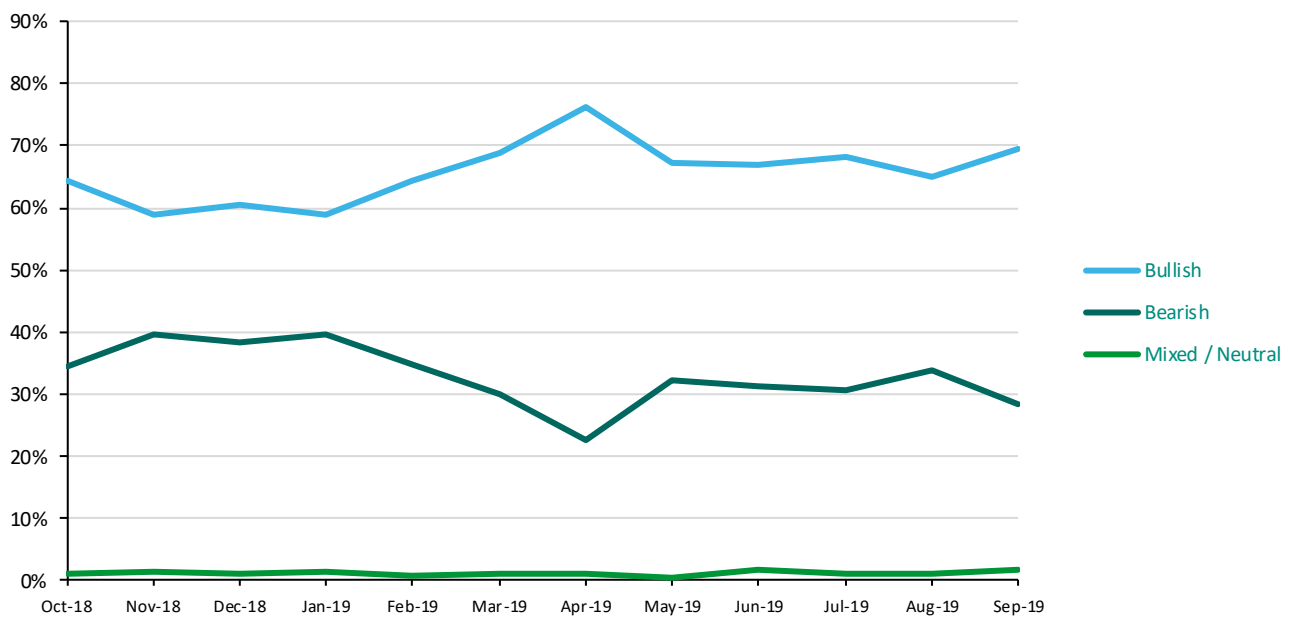
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PRODUCT STRATEGIES

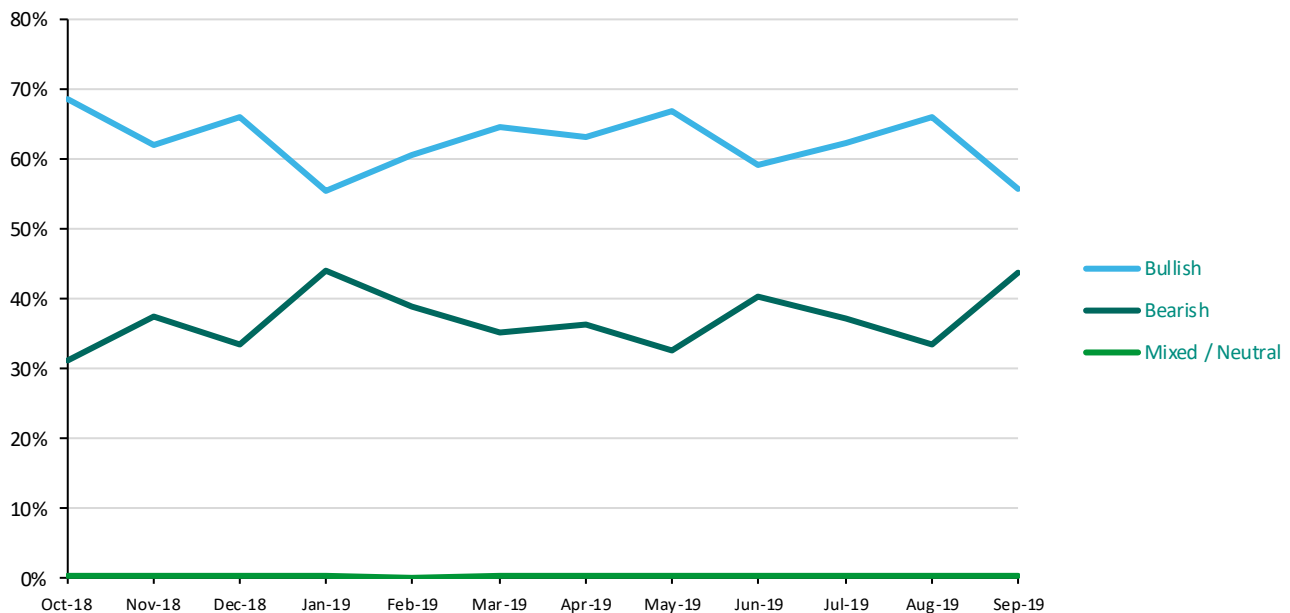
Market Trend: Value traded

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

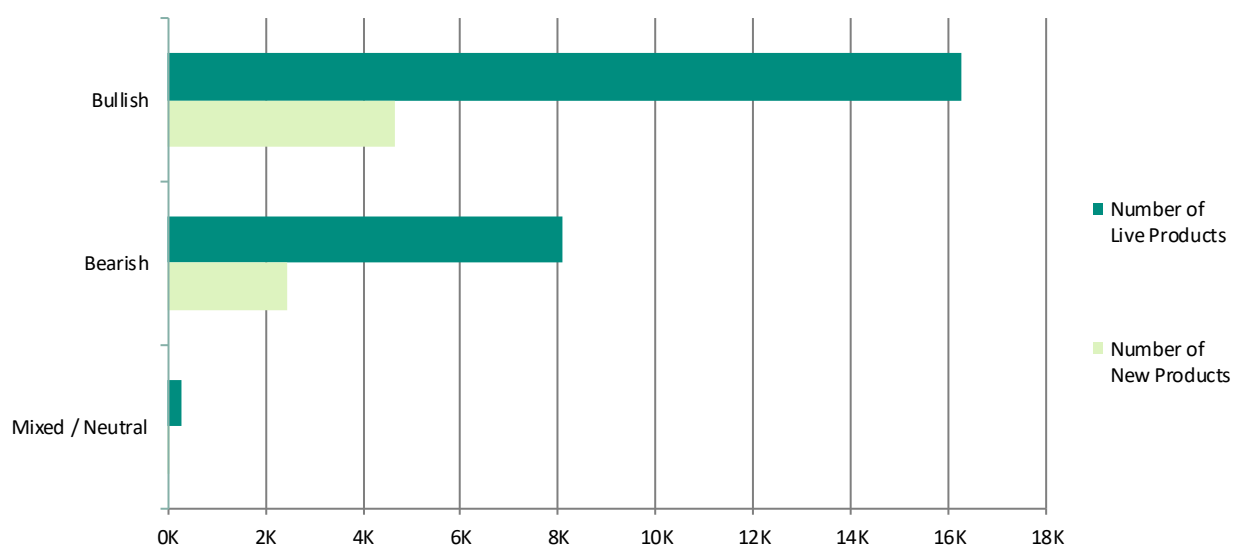
Product Overview

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	16,270	6.8%	19.8%	66.0%	4,656	-4.5%	30%	65.2%
Bearish	8,104	-9.7%	1.9%	32.9%	2,462	-34%	-5.0%	34.5%
Mixed / Neutral	292	-6.4%	2.1%	1.2%	23	-68%	-48%	0.3%
Total	24,666	0.6%	13.1%	100%	7,141	-17.8%	15.1%	100%

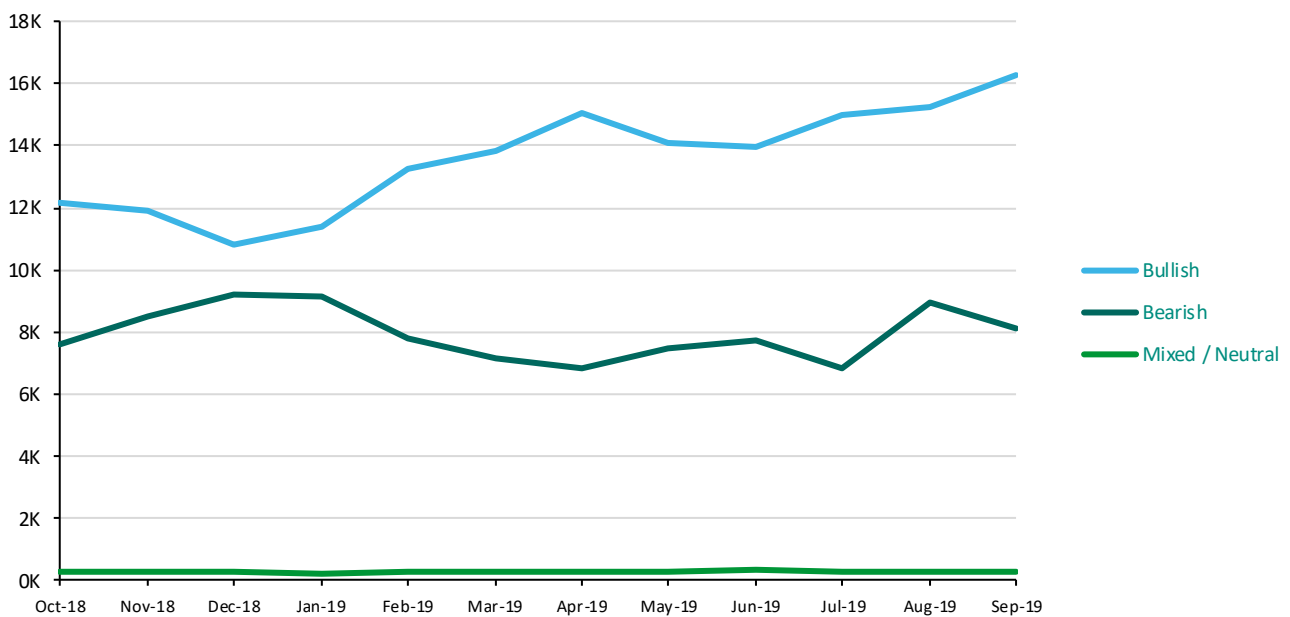
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PRODUCT STRATEGIES

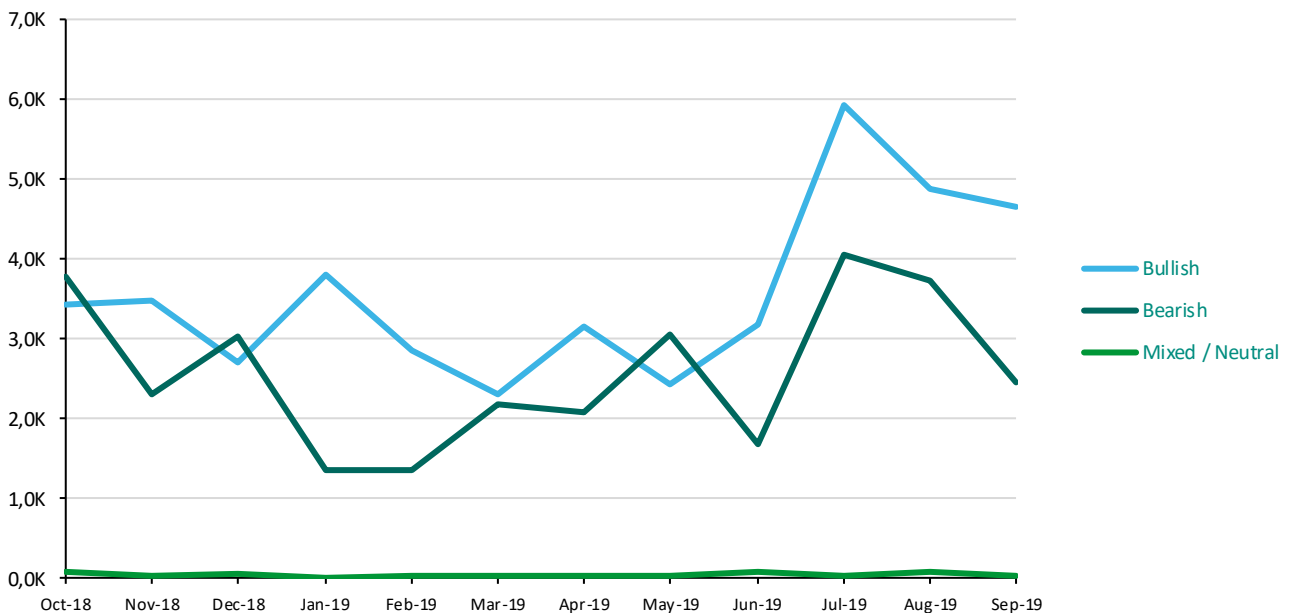
Product Trend: Number of Live Products

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

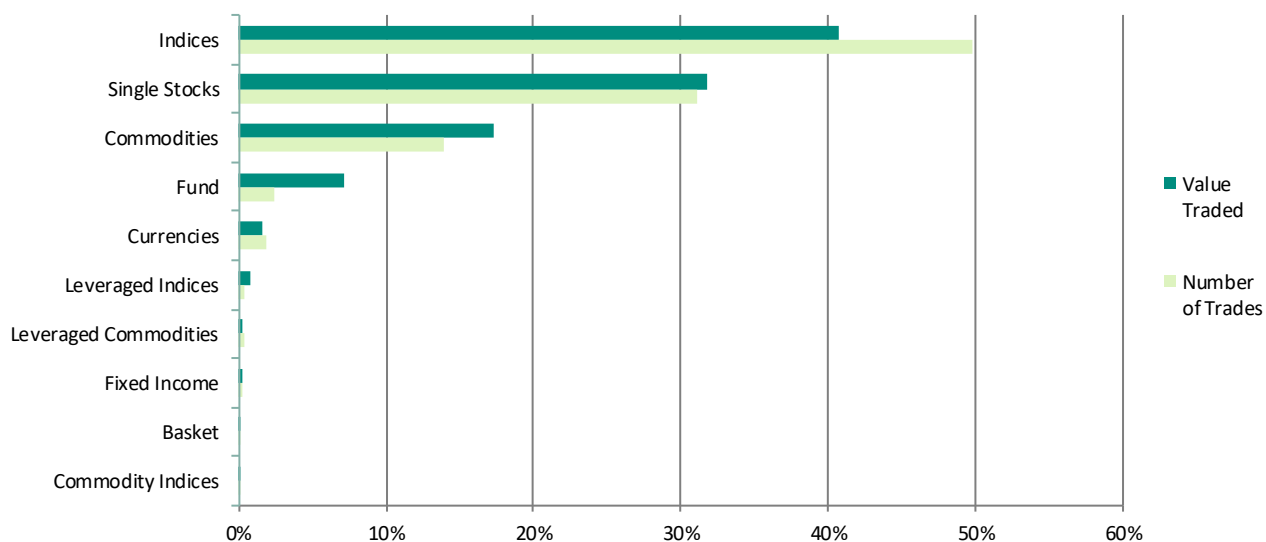
Market Overview

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	7,317	-37%	-31%	40.8%	3,500	-33.9%	-16.2%	49.8%
Single Stocks	5,707	4.4%	7.8%	31.8%	2,189	-12.0%	-9.5%	31.1%
Commodities	3,101	-4.3%	91%	17.3%	977	9.1%	70.6%	13.9%
Fund	1,282	469%	1.9%	7.2%	166	29.4%	13.2%	2.4%
Currencies	290	160%	-53%	1.6%	128	260.8%	-20.6%	1.8%
Leveraged Indices	130	308%	56%	0.7%	26	-3.0%	-39.6%	0.4%
Leveraged Commodities	50	59%	-20.0%	0.3%	29	71.4%	11.5%	0.4%
Fixed Income	32	132%	-31%	0.2%	18	401.3%	-19.5%	0.3%
Basket	19	49%	-31%	0.1%	1.5	59.6%	-86.3%	0.0%
Commodity Indices	0	173%	-98%	0.0%	0.0	4.8%	-96.2%	0.0%
Total	17,928	-13.7%	-8.6%	100%	7,035	-20.9%	-7.2%	100%

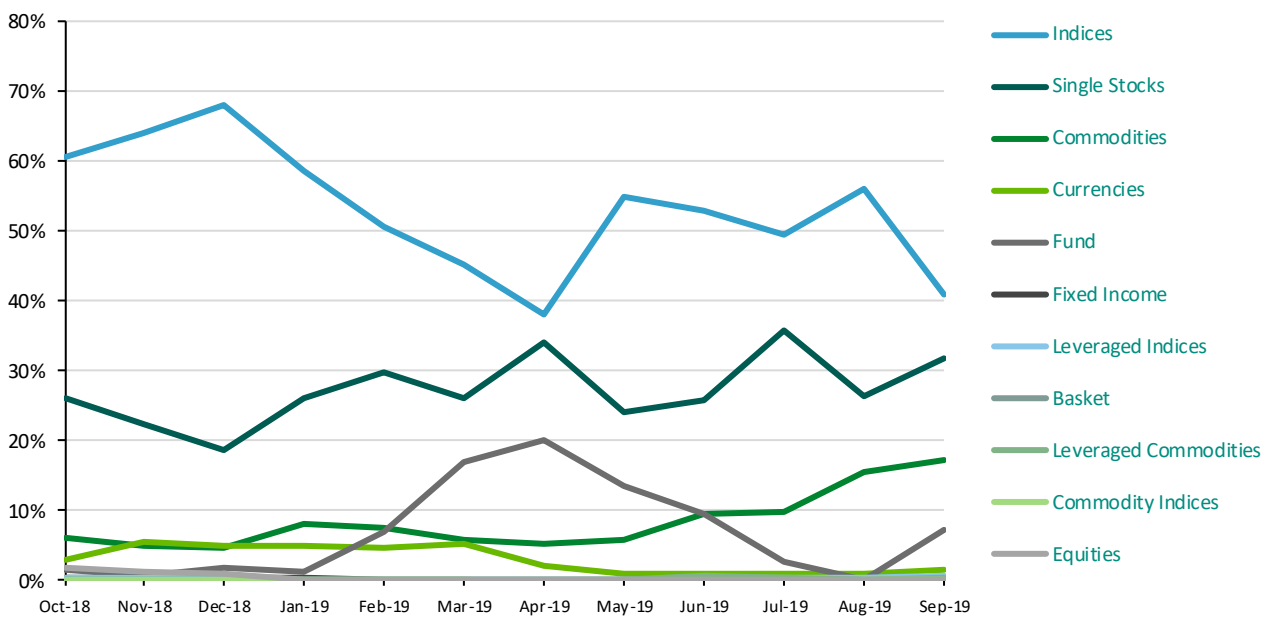
(Source Euronext)



UNDERLYING TYPES

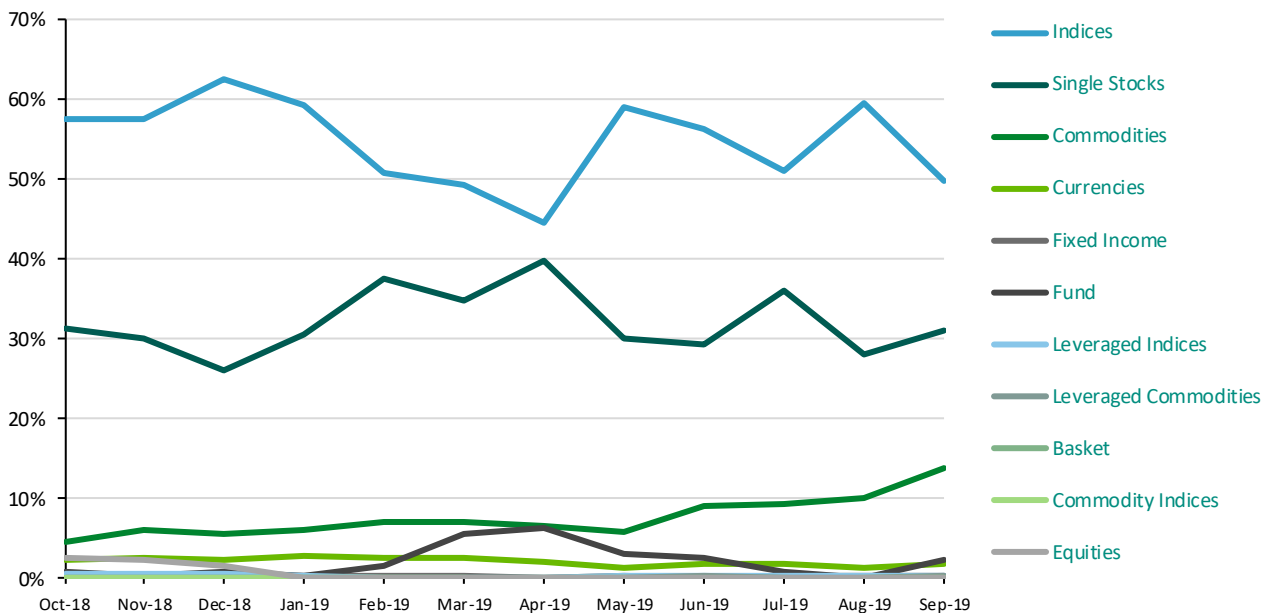
Market Trend: Value traded

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

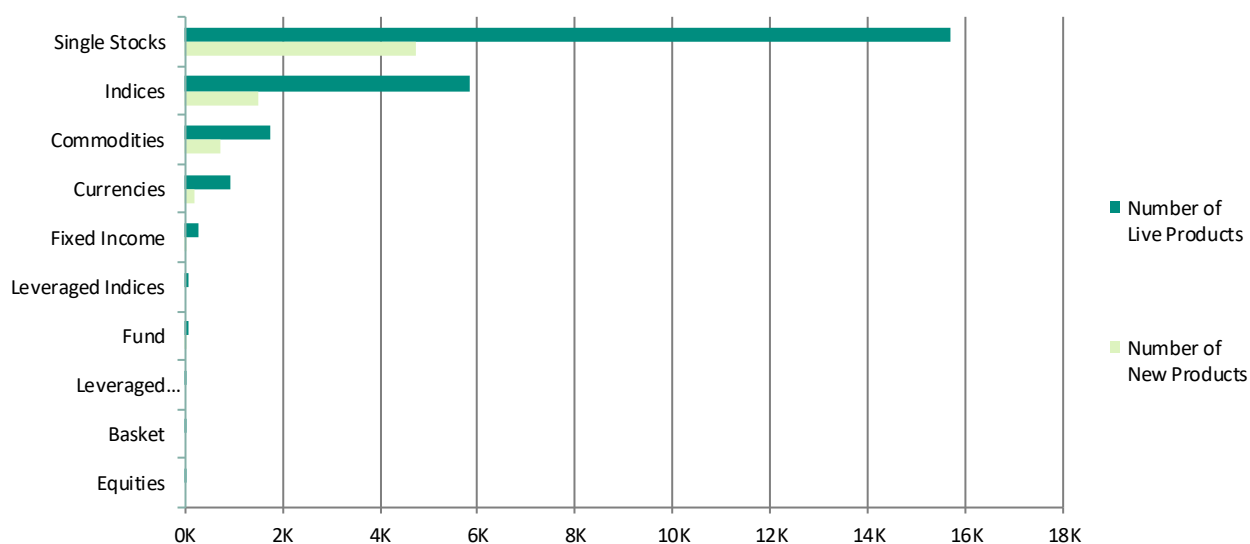
Product Overview

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	15,689	1.0%	30%	63.6%	4,725	-12.7%	28%	66.2%
Indices	5,828	-1.2%	-10.1%	23.6%	1,487	-36%	-19.9%	20.8%
Commodities	1,741	2.6%	5.2%	7.1%	711	-3.5%	73%	10.0%
Currencies	913	-1.7%	-12.2%	3.7%	186	21%	-16.2%	2.6%
Fixed Income	270	6.1%	11.4%	1.1%	30	-41%	32%	0.4%
Leveraged Indices	89	-2.0%	-10.4%	0.4%	0			0.0%
Fund	83	2.3%	21%	0.3%	2	100%	-20.0%	0.0%
Leveraged Commodities	32	-1.2%	-24%	0.1%	0			0.0%
Basket	14	-0.3%	1.6%	0.1%	0			0.0%
Equities	7	79%	-92%	0.0%	0	-100%	-100%	0.0%
Total	24,666	0.6%	13.1%	100%	7,141	-17.8%	15.1%	100%

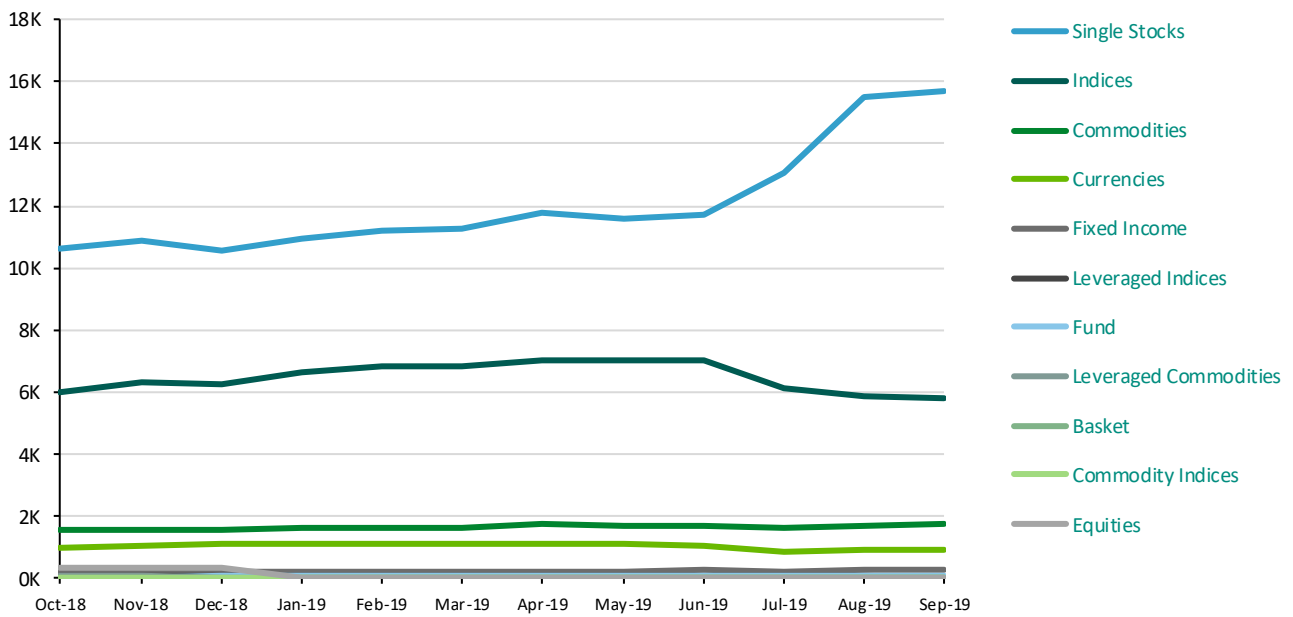
(Source Euronext)



UNDERLYING TYPES

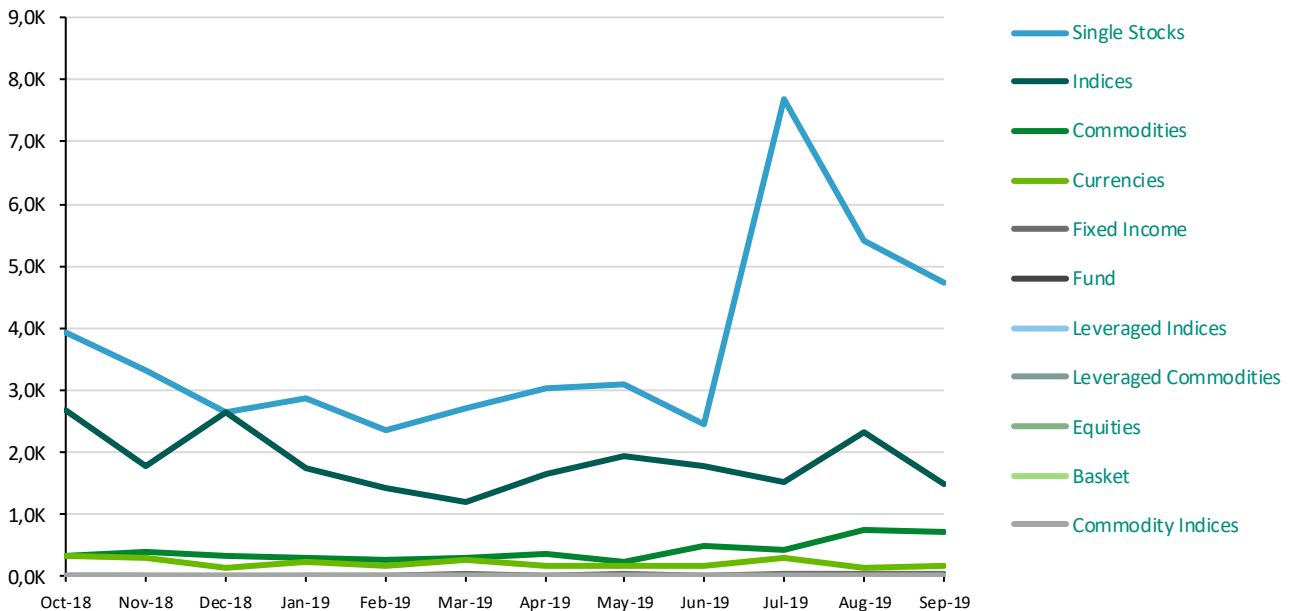
Product Trend: Number of Live Products

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

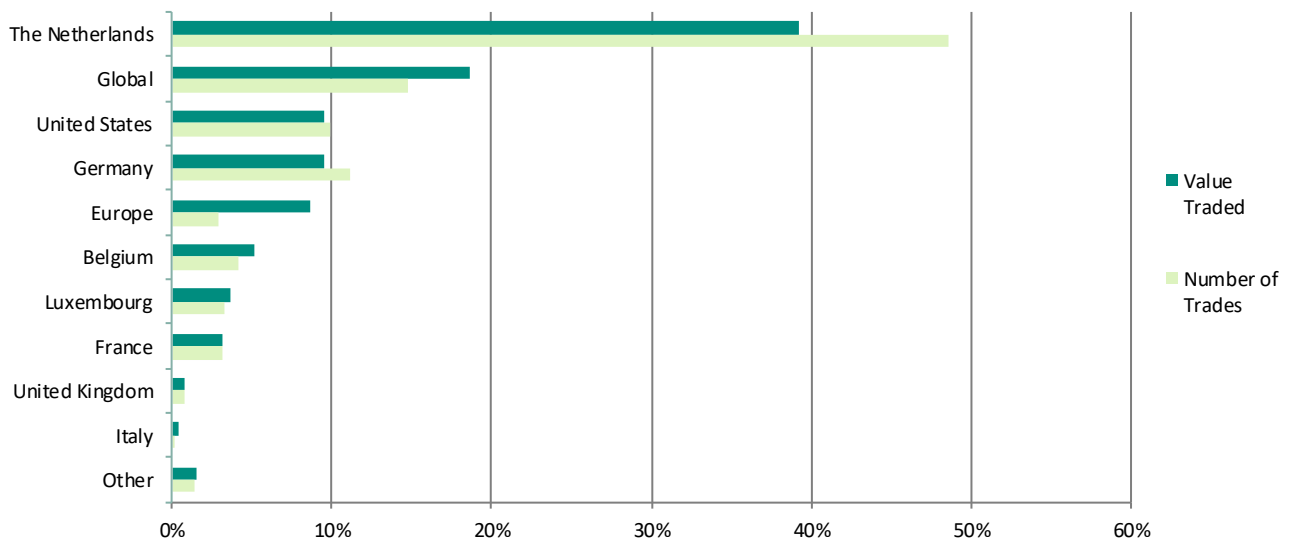
Market Overview

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	7,029	-25%	-26%	39.2%	3,419	-29.4%	-15.5%	48.6%
Global	3,332	-4.9%	34%	18.6%	1,034	7.7%	14.8%	14.7%
United States	1,706	-39%	-22%	9.5%	698	-37%	-26%	9.9%
Germany	1,699	-29%	-5.4%	9.5%	780	-26%	27%	11.1%
Europe	1,557	33%	8.5%	8.7%	204	-38%	15.3%	2.9%
Belgium	912	73%	-11.1%	5.1%	289	29%	-13.1%	4.1%
Luxembourg	659	71%	68%	3.7%	228	25%	10.7%	3.2%
France	556	204%	47%	3.1%	221	459%	15.2%	3.1%
United Kingdom	135	-18.9%	-32%	0.8%	56	-1.0%	-17.8%	0.8%
Italy	69	38%	55%	0.4%	7.1	-40%	-70%	0.1%
Other	274	25%	59%	1.5%	98	8.7%	37%	1.4%
Total	17,928	-13.7%	-8.6%	100%	7,035	-20.9%	-7.2%	100%

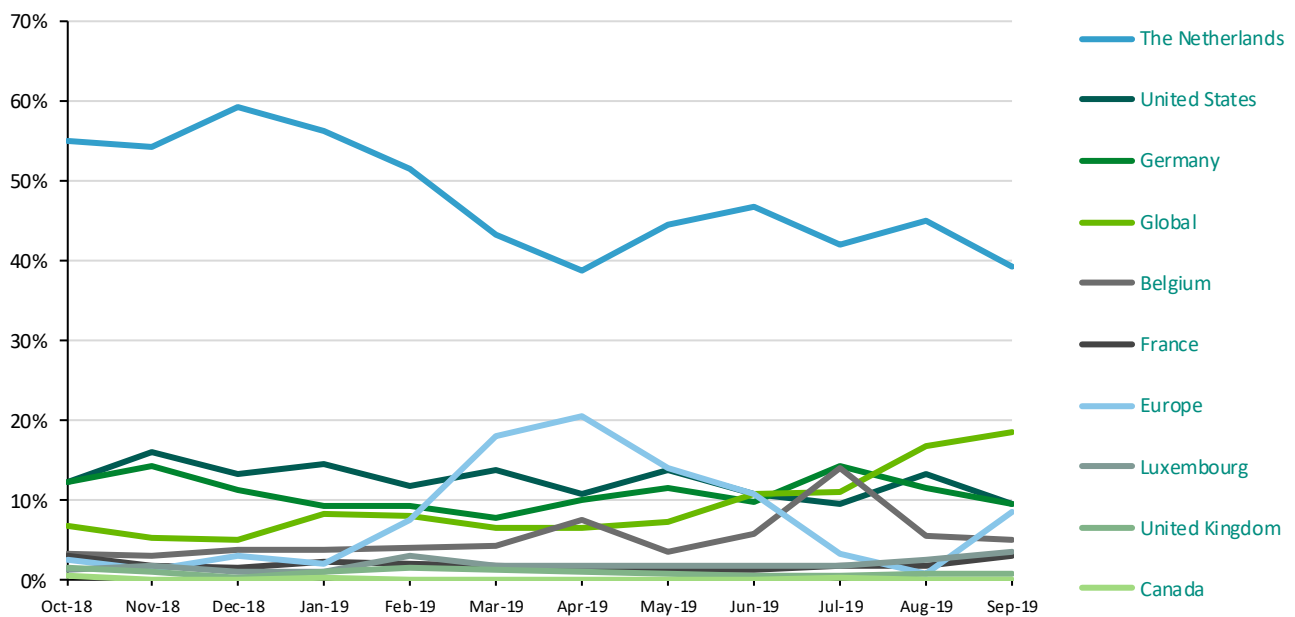
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

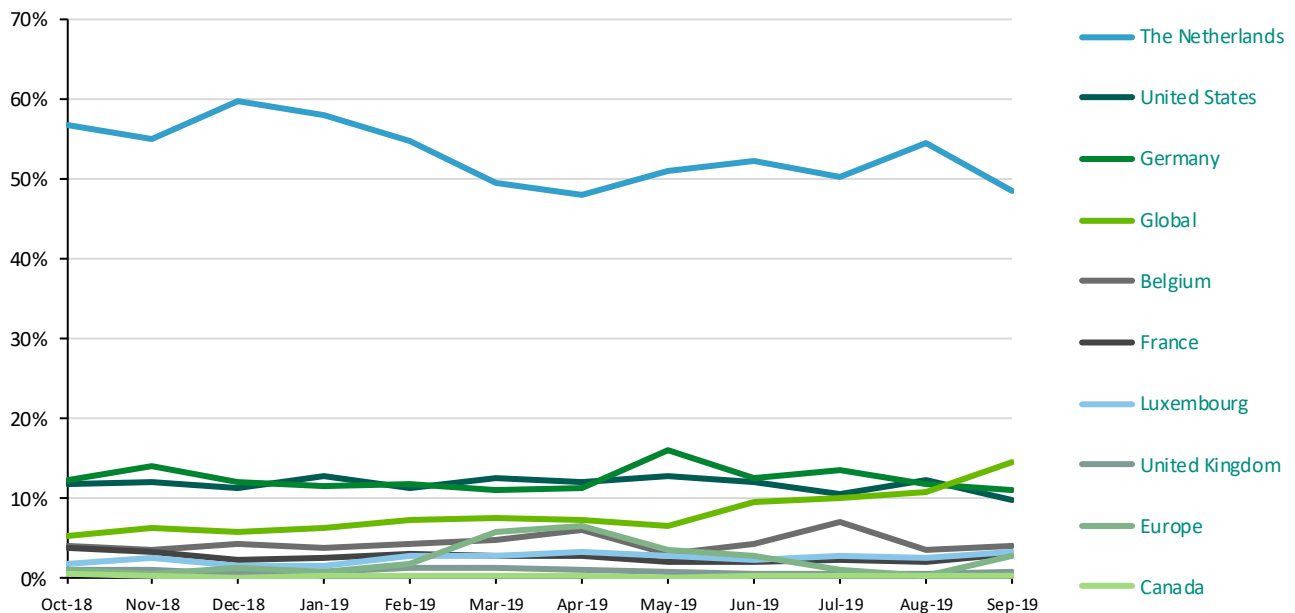
Market Trend: Value traded

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

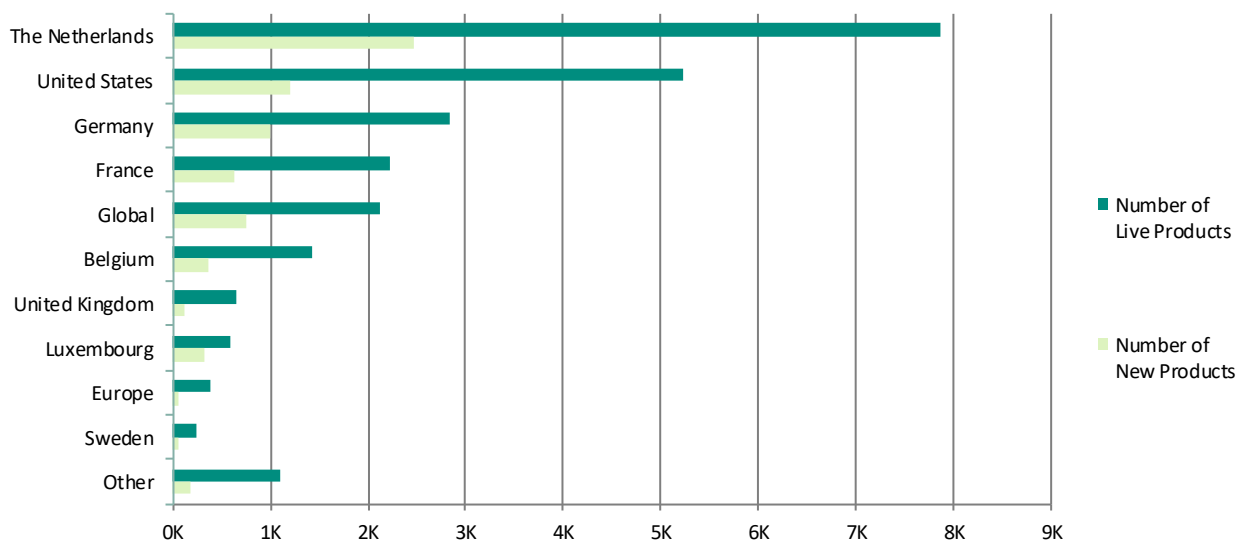
Product Overview

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	7,862	1.0%	7.2%	31.9%	2,473	-11.0%	22%	34.6%
United States	5,219	-1.7%	20%	21.2%	1,206	-33%	-19.3%	16.9%
Germany	2,845	2.7%	19.7%	11.5%	992	-27%	32%	13.9%
France	2,233	-0.4%	23%	9.1%	620	-10.8%	24%	8.7%
Global	2,125	1.9%	3.9%	8.6%	742	-8.3%	60%	10.4%
Belgium	1,425	-0.3%	23%	5.8%	369	13.2%	28%	5.2%
United Kingdom	656	2.5%	14.0%	2.7%	121	-28%	-12.7%	1.7%
Luxembourg	578	1.8%	15.5%	2.3%	329	-2.7%	38%	4.6%
Europe	390	1.6%	-3.4%	1.6%	50	-46%	-8.4%	0.7%
Sweden	244	-0.6%	18.6%	1.0%	62	-27%	7.5%	0.9%
Other	1,089	2.2%	3.2%	4.4%	177	-27%	-7.1%	2.5%
Total	24,666	0.6%	13.1%	100%	7,141	-17.8%	15.1%	100%

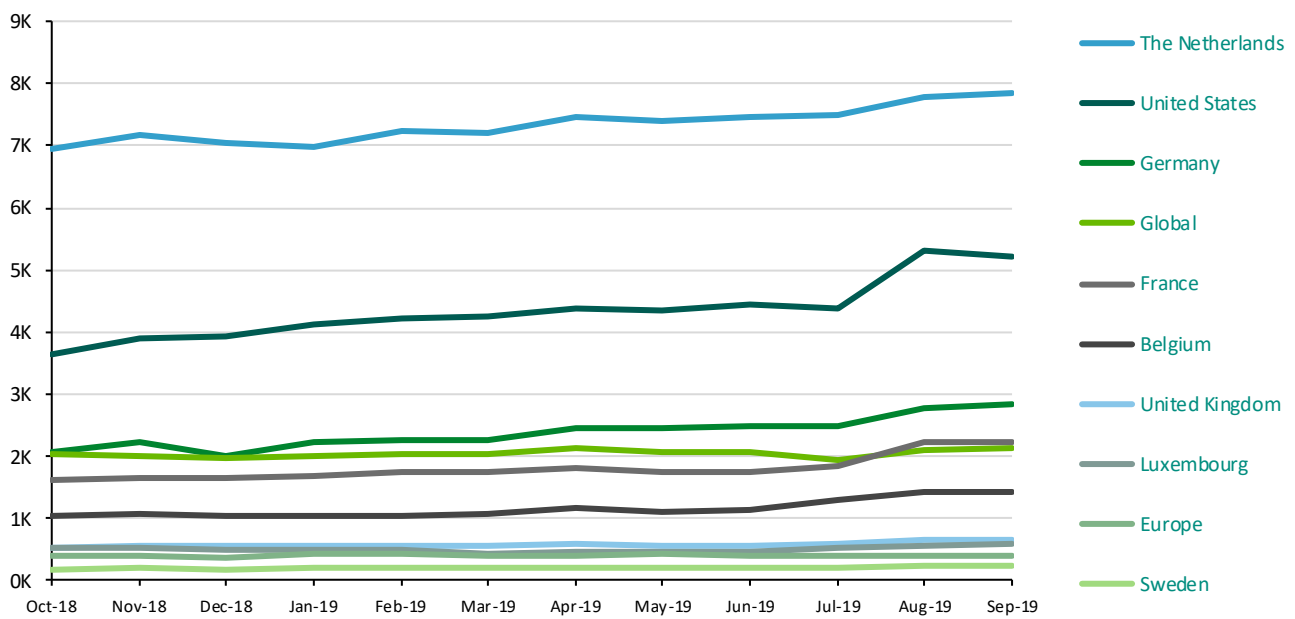
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

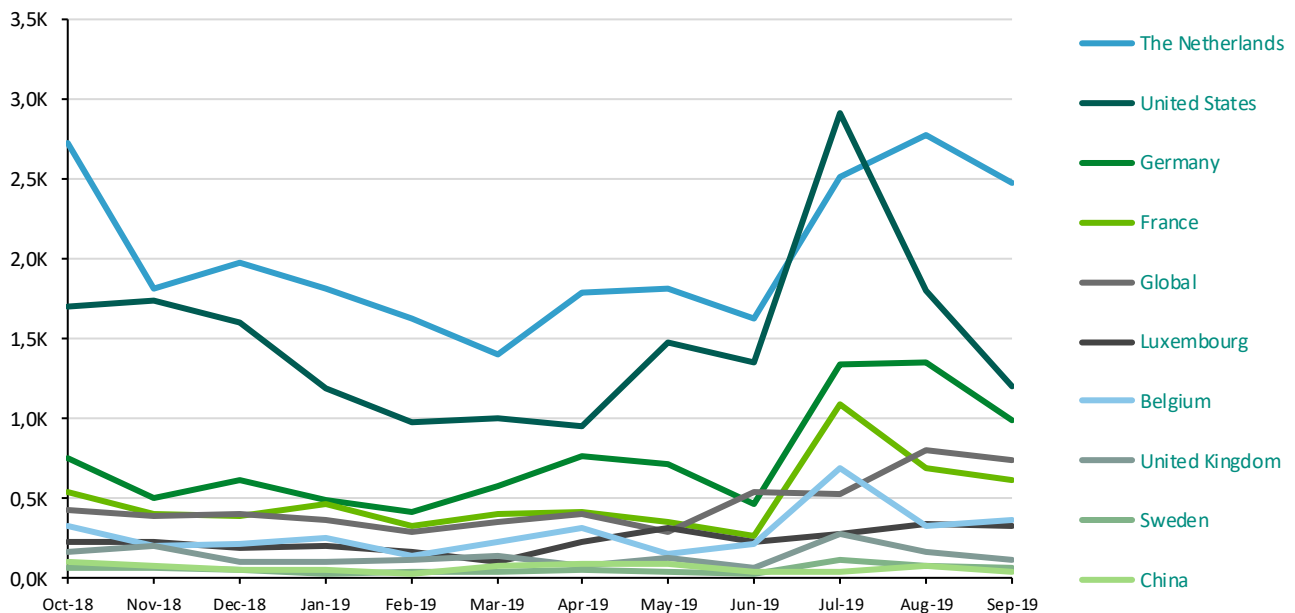
Product Trend: Number of Live Products

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

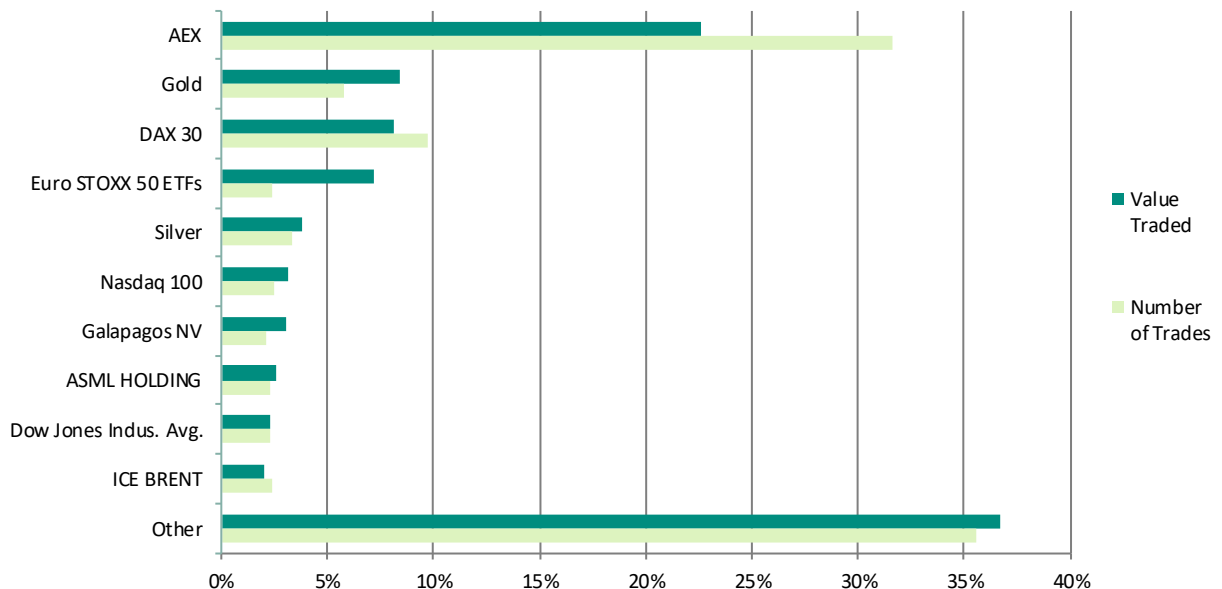
Market Overview

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	4,054	-40%	-40%	22.6%	2,226	-35.1%	-17.6%	31.6%
Gold	1,510	-32%	-22%	8.4%	403	-57%	-51%	5.7%
DAX 30	1,459	-21%	15.9%	8.1%	685	60%	366%	9.7%
Euro STOXX 50 ETFs	1,282	42%	77%	7.2%	166	-52%	-21%	2.4%
Silver	684	-18.0%	-2.1%	3.8%	237	16.2%	11.6%	3.4%
Nasdaq 100	566	-27%	-16.9%	3.2%	175	-39%	-7.8%	2.5%
Galapagos NV	554	-24%	-2.0%	3.1%	147	-29%	-32%	2.1%
ASML HOLDING	465	12.7%	-16.7%	2.6%	159	-40%	21%	2.3%
Dow Jones Indus. Avg.	417	13.3%	-13.0%	2.3%	161	-15.6%	-24%	2.3%
ICE BRENT	364	0.3%	-0.9%	2.0%	171	16.9%	-1.1%	2.4%
Other	6,574	19.2%	18.1%	36.7%	2,505	2.2%	-2.1%	35.6%
Total	17,928	-13.7%	-8.6%	100%	7,035	-20.9%	-7.2%	100%

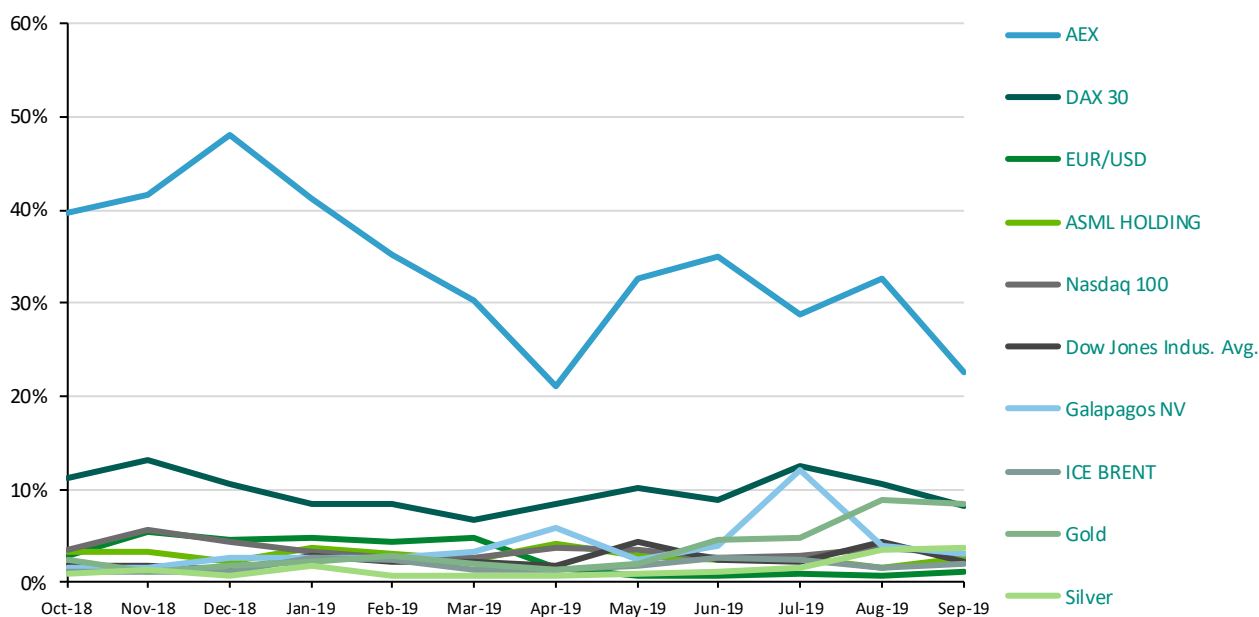
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TOP 10 UNDERLYINGS

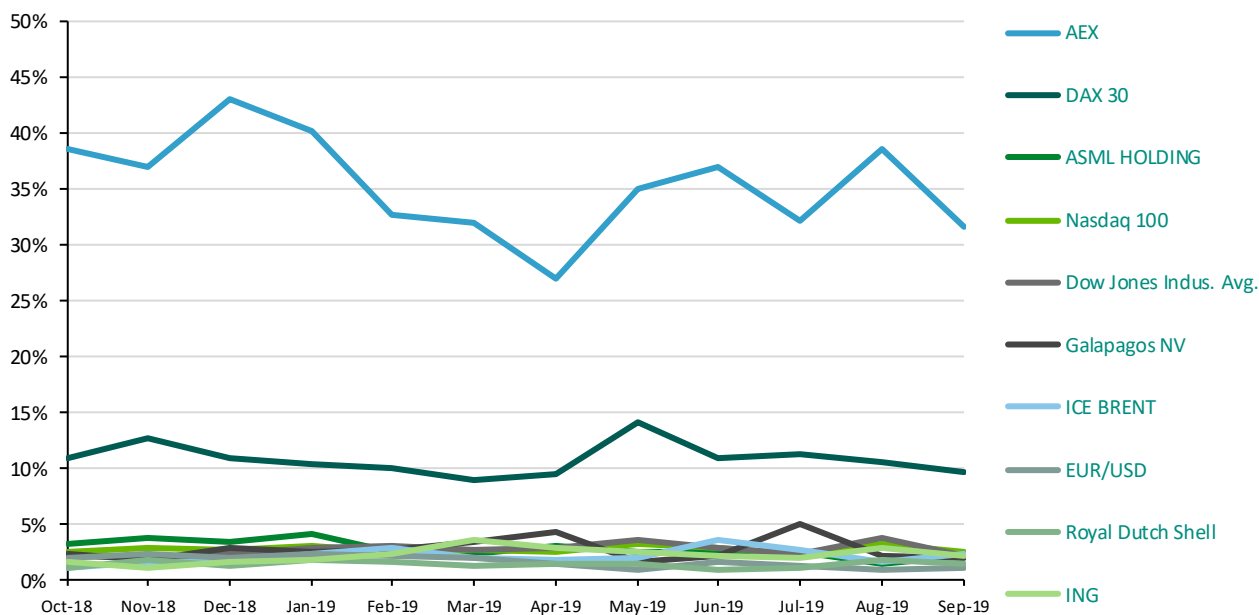
Market Trend: Value traded

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

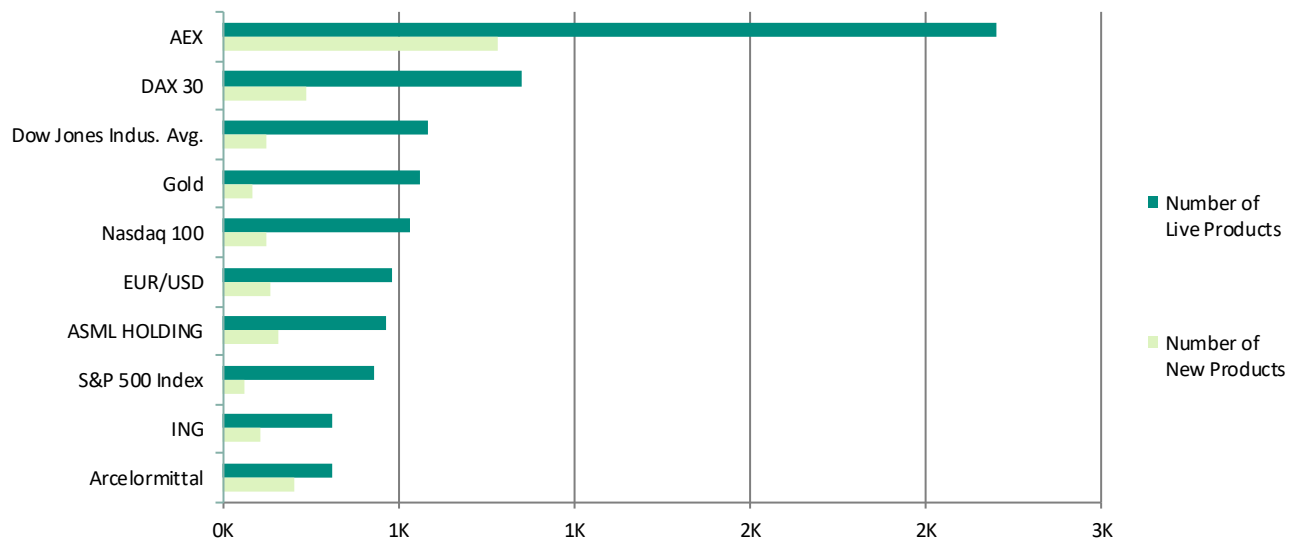
Product Overview

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	2,202	-0.5%	-5.5%	8.9%	780	-33%	4.6%	10.9%
DAX 30	848	-2.6%	-14.4%	3.4%	237	-31%	-22%	3.3%
Dow Jones Indus. Avg.	584	-0.5%	-22%	2.4%	124	-49%	-55%	1.7%
Gold	559	3.9%	7.6%	2.3%	84	-59%	-4.3%	1.2%
Nasdaq 100	530	-1.1%	-7.6%	2.1%	121	-45%	-42%	1.7%
EUR/USD	482	-3.4%	-12.3%	2.0%	137	41%	36%	1.9%
ASML HOLDING	467	1.8%	19.8%	1.9%	157	30%	29%	2.2%
S&P 500 Index	433	-4.4%	-15.2%	1.8%	61	-50%	-45%	0.9%
ING	313	0.8%	6.5%	1.3%	105	-26%	21%	1.5%
Arcelormittal	313	1.1%	-0.5%	1.3%	201	-0.5%	26%	2.8%
Other	17,934	1.0%	23%	72.7%	5,134	-12.0%	28%	71.9%
Total	24,666	0.6%	13.1%	100%	7,141	-17.8%	15.1%	100%

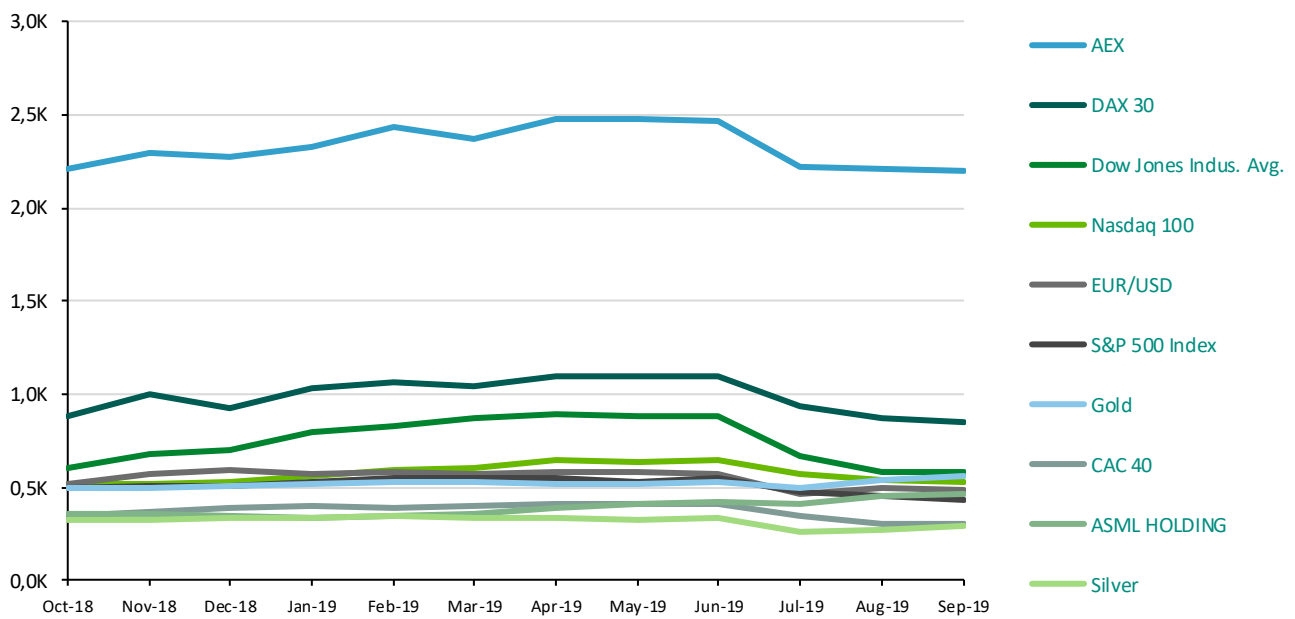
(Source Euronext)



TOP 10 UNDERLYINGS

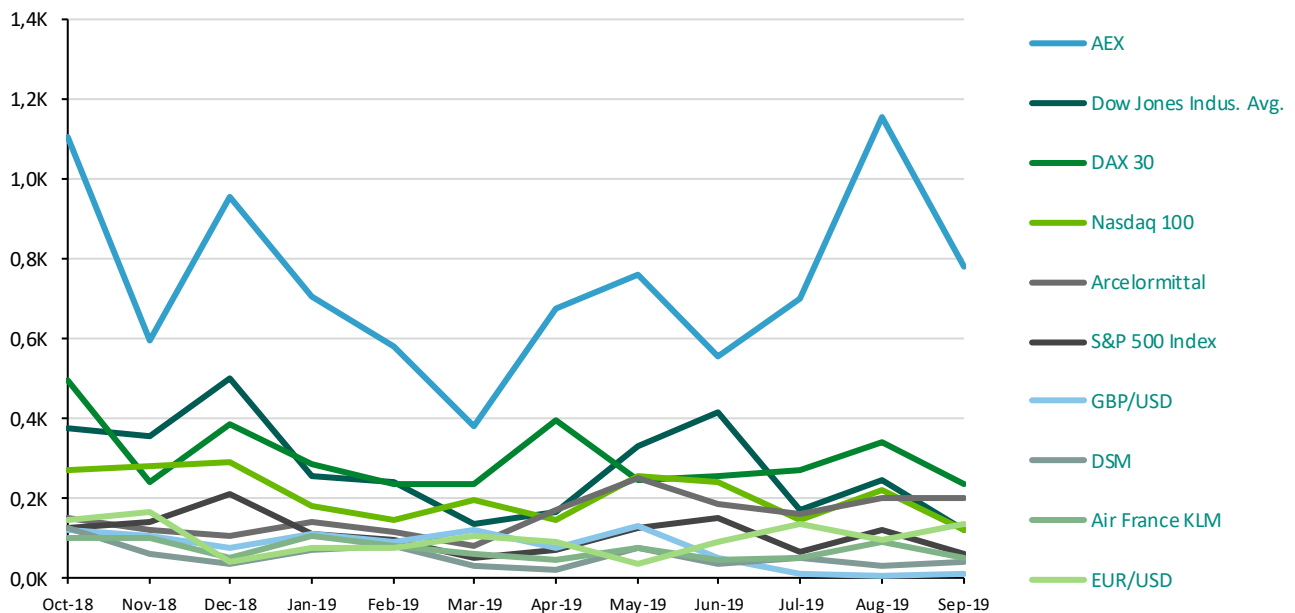
Product Trend: Number of Live Products

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
DE000VF6XJM2	Vontobel	2205	Open-End Knock-Out Warrants	Gold	22,419	3,210
NL0013748338	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	8,262	1,174
NL0013588098	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	5,051	390
NL0013748817	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	5,037	784
NL0013508427	ING	2205	Open-End Knock-Out Warrants	DAX 30	4,755	936
NL0013506991	ING	2205	Open-End Knock-Out Warrants	AEX	4,697	1,650
NL0013296783	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,568	1,870
DE000CU1DP30	Commerzbank	2200	Knock-Out Warrants	AEX	4,465	268
NL0013748395	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	4,347	1,184
DE000VF8ES22	Vontobel	2205	Open-End Knock-Out Warrants	Amazon	4,077	72
NL0013371875	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	4,068	660
NL0013294739	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,918	296
NL0013748767	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	3,881	730
DE000VF8XKN4	Vontobel	2205	Open-End Knock-Out Warrants	AEX	3,791	9,612
NL0013447139	Goldman Sachs	2210	Mini-Futures	AEX	3,776	208
NL0013751894	BNP Paribas	2210	Mini-Futures	Gold	3,670	400
NL0013366743	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,653	1,080
NL0013702673	Goldman Sachs	2205	Open-End Knock-Out Warrants	DAX 30	3,371	536
NL0013751886	BNP Paribas	2210	Mini-Futures	Gold	3,334	286
NL0013598998	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	3,324	198
NL0013749765	BNP Paribas	2210	Mini-Futures	AEX	3,278	268
NL0013588627	BNP Paribas	2210	Mini-Futures	AEX	3,258	544
DE000VF3RCB9	Vontobel	2205	Open-End Knock-Out Warrants	AEX	3,202	11,278
DE000CP68CD6	Citi	2205	Open-End Knock-Out Warrants	AEX	3,140	648
NL0013371800	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	3,123	1,604
NL0011539267	BNP Paribas	2205	Open-End Knock-Out Warrants	Heineken	3,090	94
DE000VF8XJ79	Vontobel	2205	Open-End Knock-Out Warrants	AEX	2,935	758
NL0013508518	ING	2205	Open-End Knock-Out Warrants	Gold	2,892	520
NL0013748254	BNP Paribas	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	2,836	1,884
NL0013371693	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,817	362
NL0013588791	BNP Paribas	2210	Mini-Futures	Gold	2,814	362
NL0011853122	ING	2205	Open-End Knock-Out Warrants	Euro STOXX 50	2,799	46
NL0013614852	Goldman Sachs	2210	Mini-Futures	Altice	2,687	40
DE000CU1EZV4	Commerzbank	2200	Knock-Out Warrants	DAX 30	2,584	544
DE000CU1E3F6	Commerzbank	2210	Mini-Futures	AEX	2,534	1,064
DE000CE6EWZ1	Commerzbank	2205	Open-End Knock-Out Warrants	Royal Dutch Shell	2,488	544
NL0013003924	BNP Paribas	2210	Mini-Futures	S&P 500 Index	2,432	56
NL0013746472	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,429	2,098
NL0013454747	Goldman Sachs	2210	Mini-Futures	AEX	2,336	56
DE000CU1CCH6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,316	364
DE000VF813G2	Vontobel	2205	Open-End Knock-Out Warrants	AEX	2,314	8,690
NL0013748726	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,278	670
NL0013579998	BNP Paribas	2210	Mini-Futures	Gold	2,275	254
NL0013748239	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,213	886
NL0013507312	ING	2205	Open-End Knock-Out Warrants	DAX 30	2,202	610
NL0013371784	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,177	700
NL0013462799	Goldman Sachs	2205	Open-End Knock-Out Warrants	Silver	2,164	250
NL0013714934	Goldman Sachs	2205	Open-End Knock-Out Warrants	Gold	2,130	612
DE000CJ3RET6	Commerzbank	2210	Mini-Futures	ING	2,113	140
NL0012507172	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,101	758

(Source Euronext)



Euronext Brussels

ISSUERS

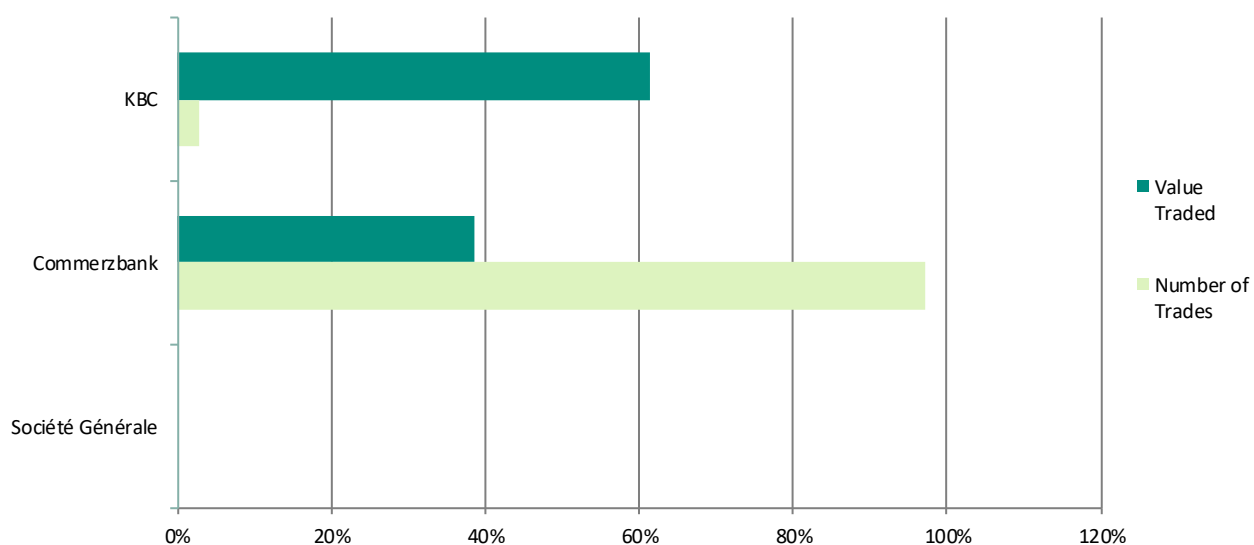
Market Overview

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
KBC	847	178%	87%	61.5%	5.4	-97.0%	-97.5%	2.8%
Commerzbank	531	NA	168%	38.5%	190	NA	NA	97.2%
Société Générale	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	1,378	330.8%	111.6%	100%	195	7.9%	-12.3%	100%

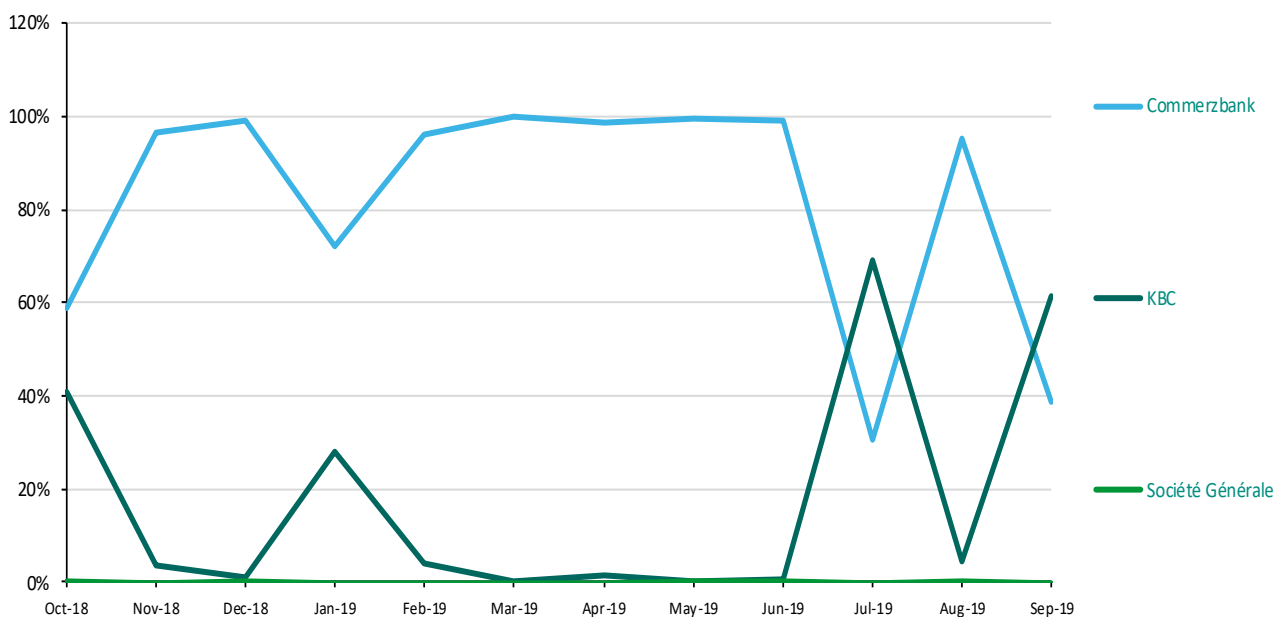
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ISSUERS

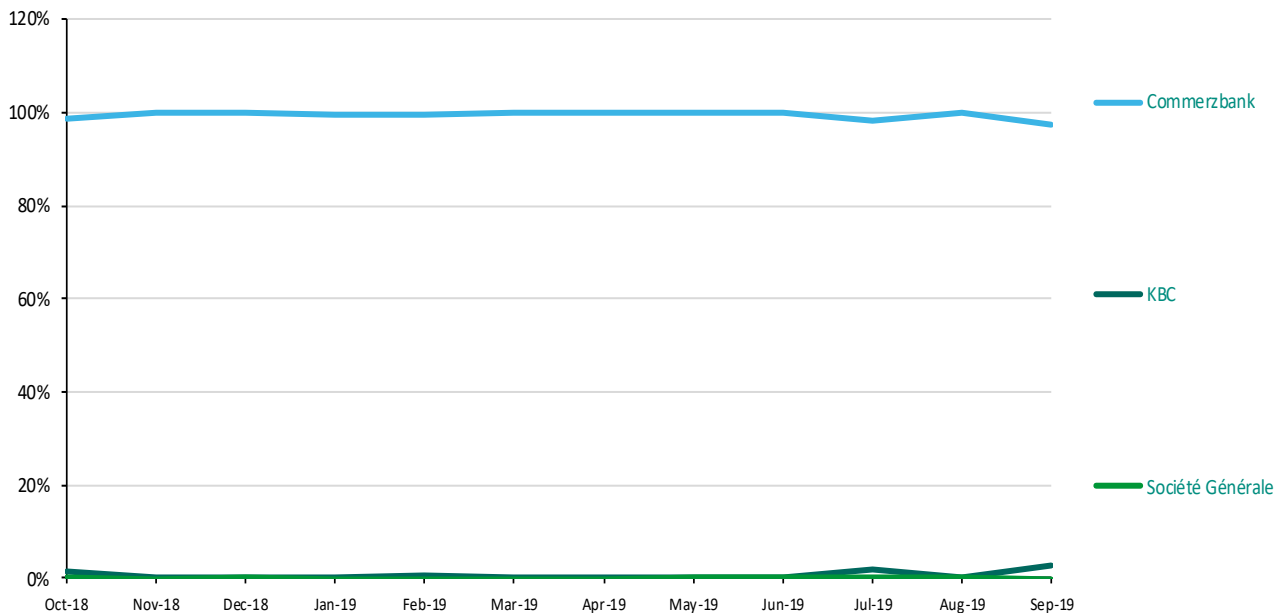
Market Trend: Value traded

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

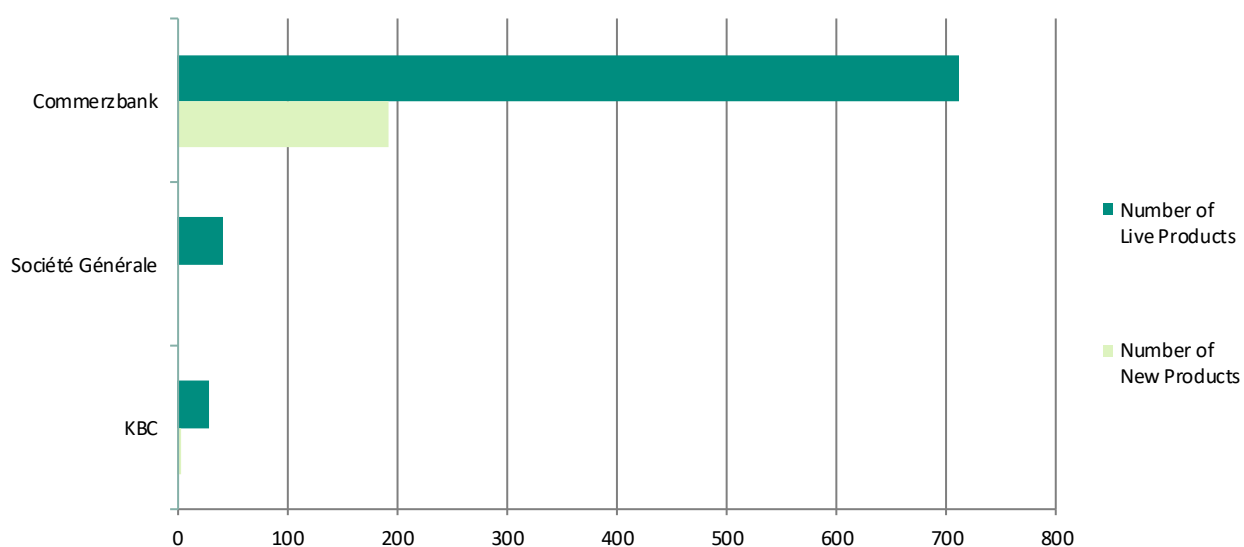
Product Overview

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	712	5.0%	-3.1%	91.1%	192	-33%	-12.5%	98.5%
Société Générale	42	-3.0%	-7.5%	5.4%	0			0.0%
KBC	28	5.7%	10.7%	3.6%	3	200%	89%	1.5%
Total	782	4.6%	-2.9%	100%	195	-32.5%	-11.8%	100%

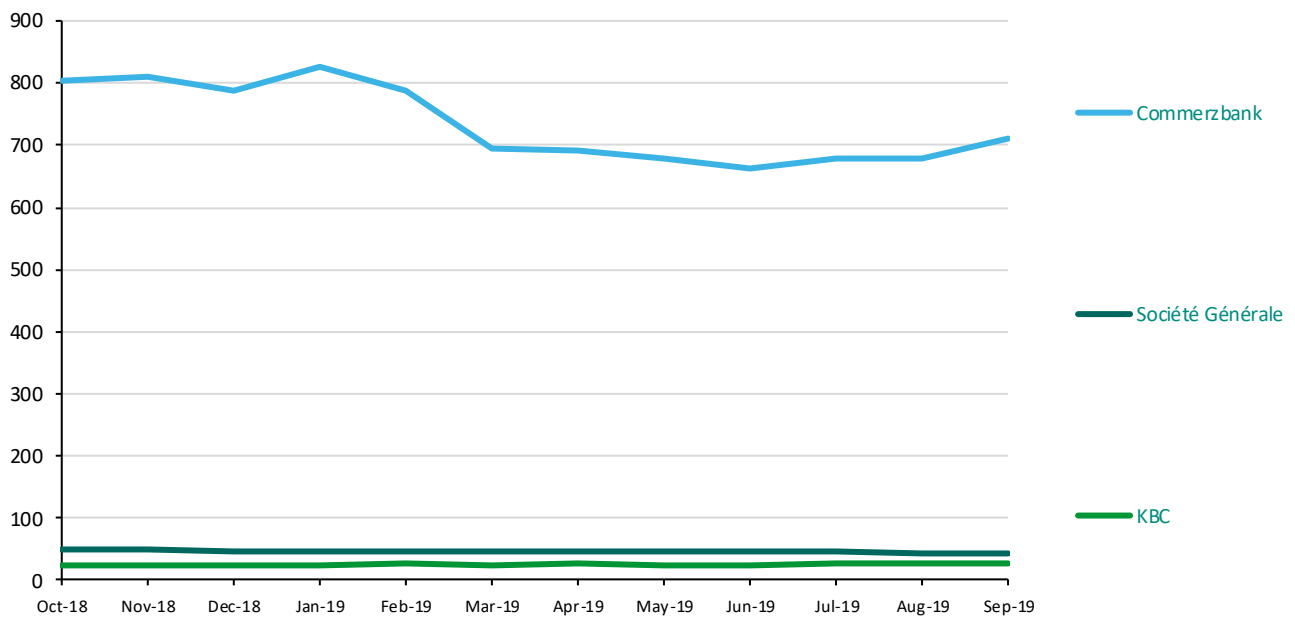
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ISSUERS

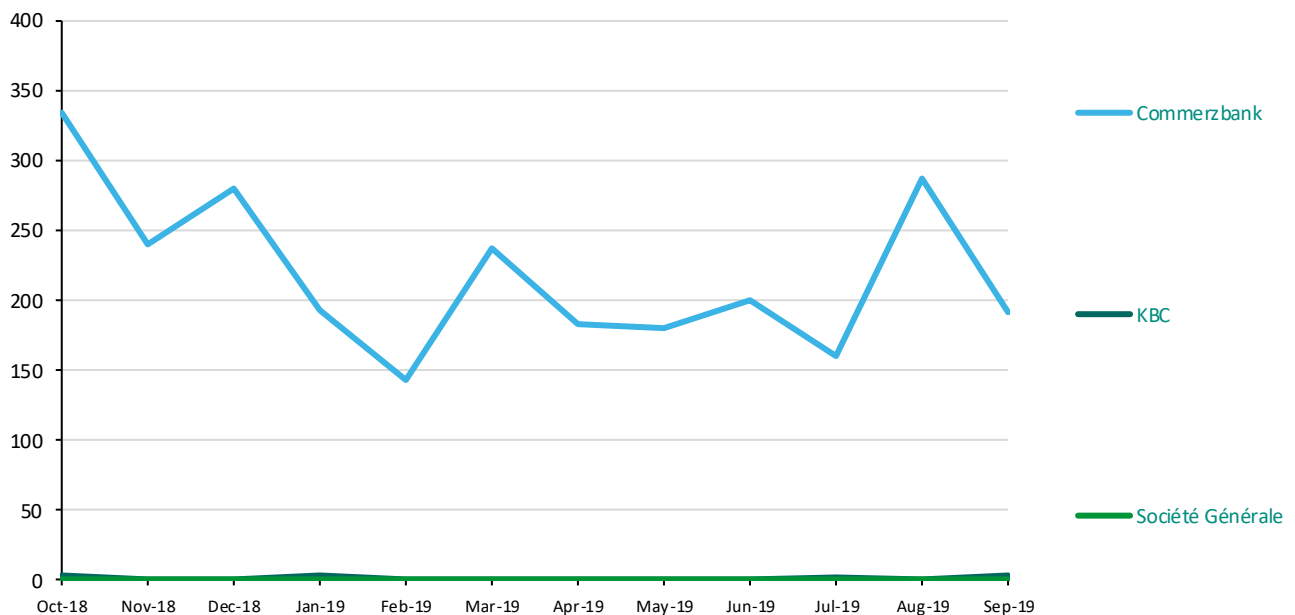
Product Trend: Number of Live Products

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)

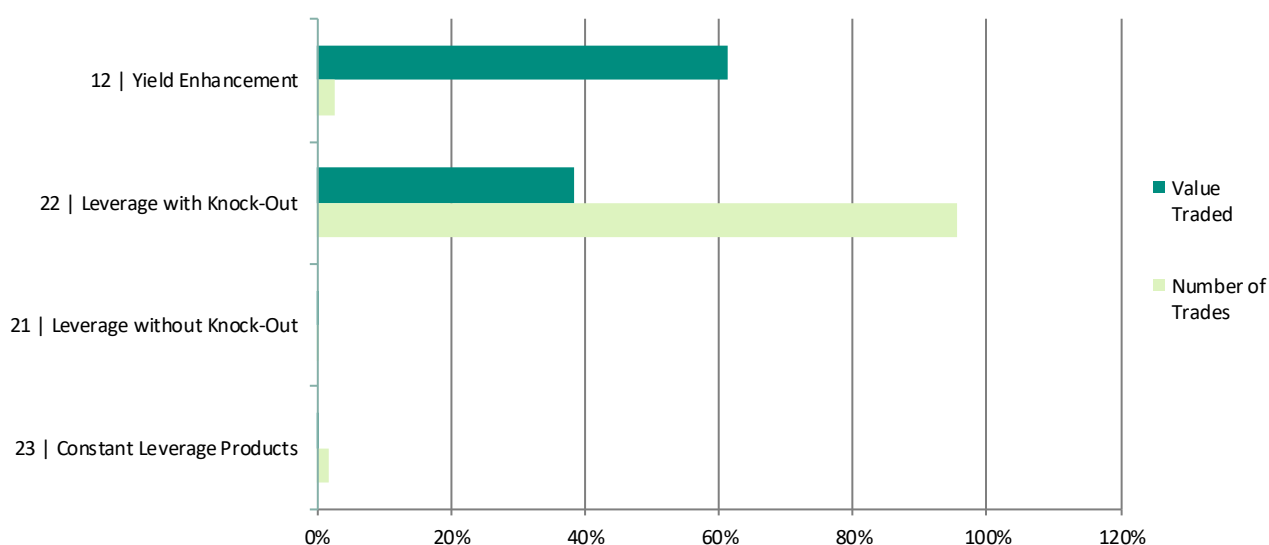
Market Overview

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
12 Yield Enhancement	843	178%	88%	61.2%	5.2	-97.1%	-97.6%	2.7%
22 Leverage with Knock-Out	527	NA	174%	38.2%	186	NA	NA	95.4%
21 Leverage without Knock-Out	4	117%	-20%	0.3%	0.2	-91.6%	-41.6%	0.1%
23 Constant Leverage Products	4	NA	-21%	0.3%	3.5	NA	-23.8%	1.8%
Total	1,378	330.8%	111.6%	100%	195	7.9%	-12.3%	100%

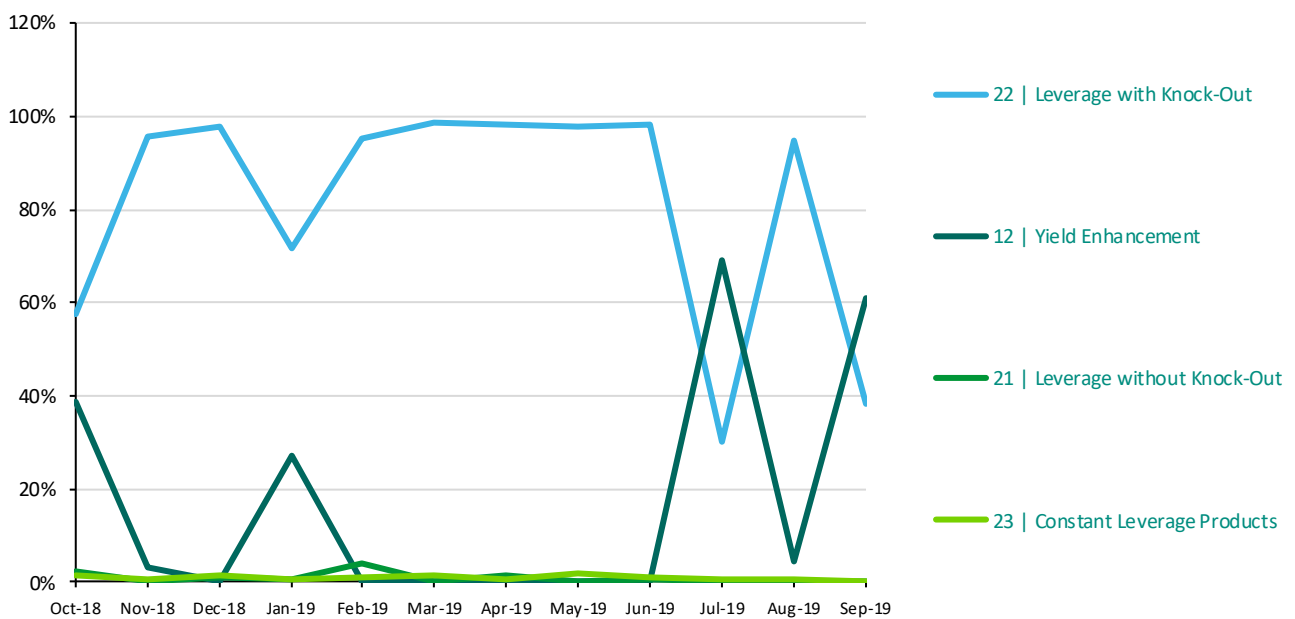
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

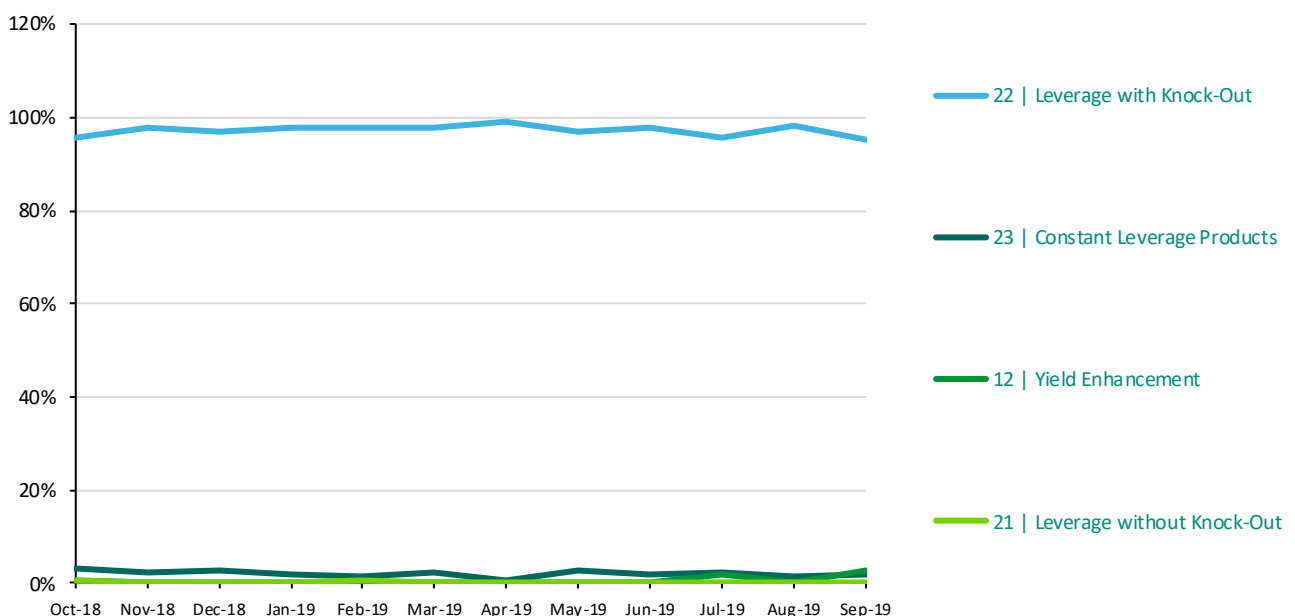
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

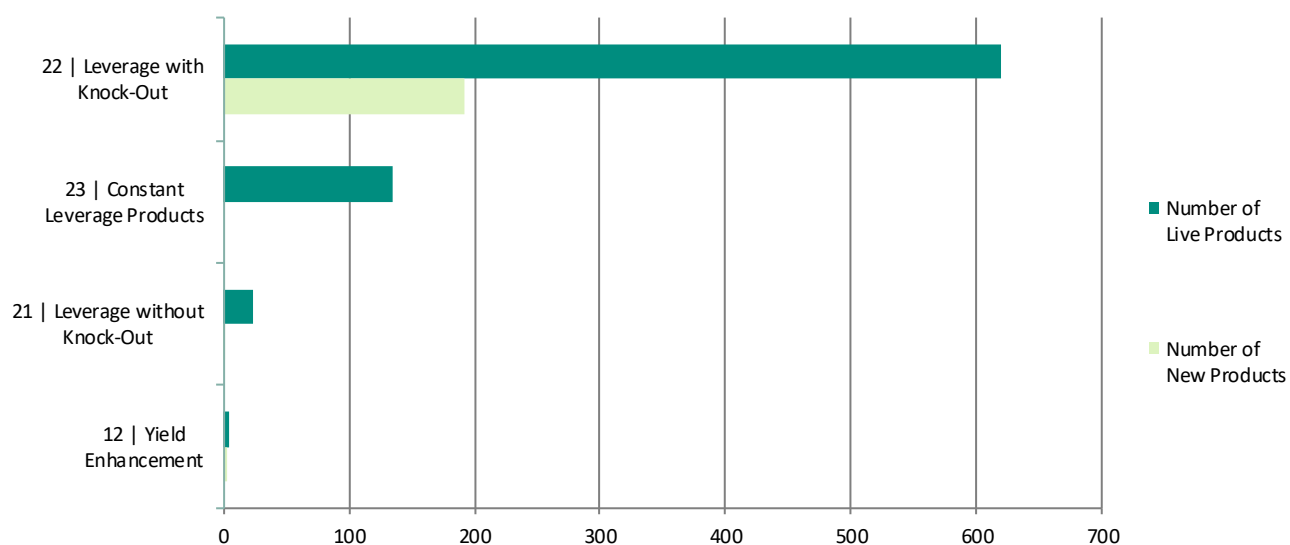
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	620	3.8%	-6.4%	79.2%	192	-28%	-8.8%	98.5%
23 Constant Leverage Products	135	8.0%	13.9%	17.2%	0	-100%	-100%	0.0%
21 Leverage without Knock-Out	23	1.8%	1.1%	3.0%	1	0.0%	-14.3%	0.5%
12 Yield Enhancement	5	29%	97%	0.6%	2		380%	1.0%
Total	782	4.6%	-2.9%	100%	195	-32.5%	-11.8%	100%

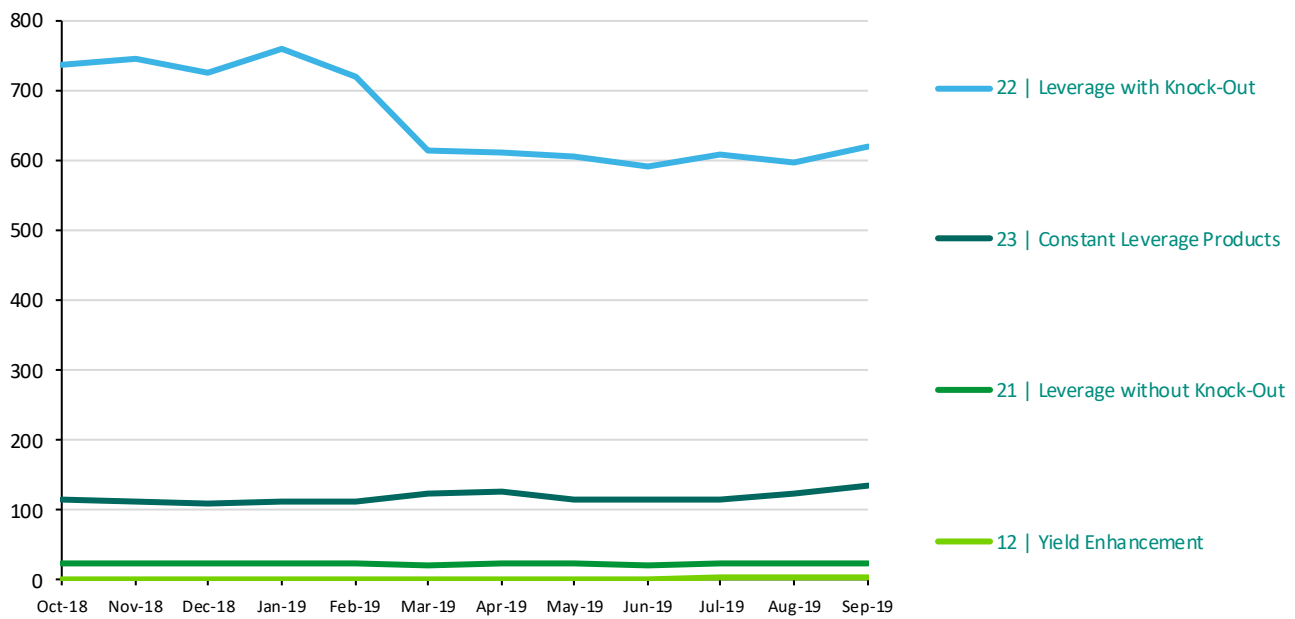
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

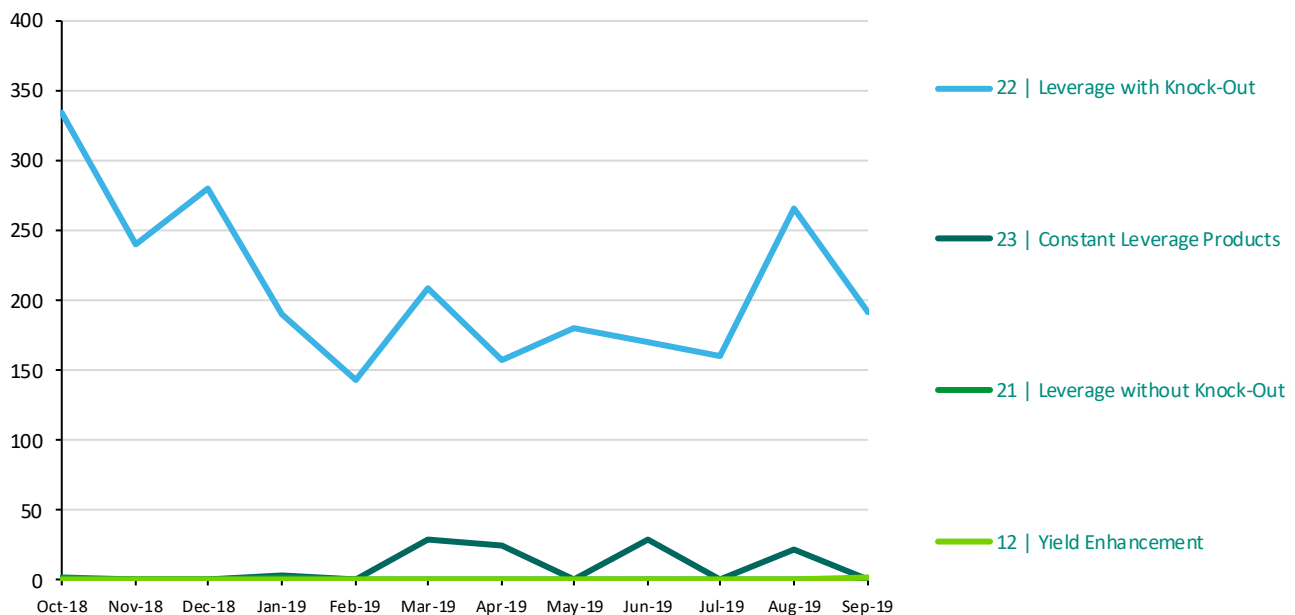
Product Trend: Number of Live Products

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

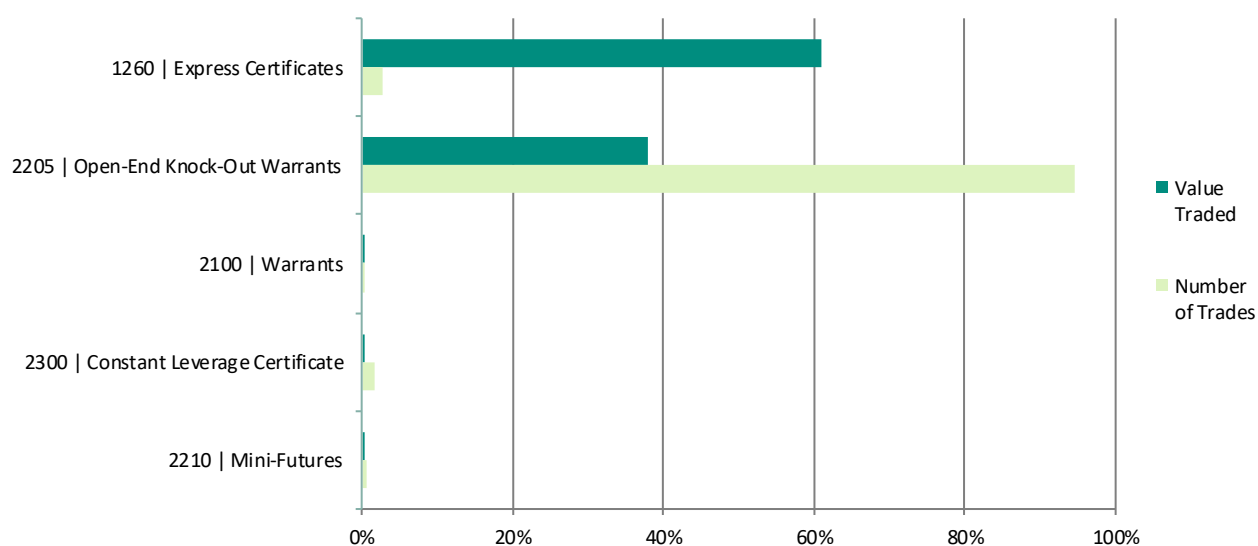
Market Overview

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
1260 Express Certificates	843	182%	91%	61.2%	5.2	-97.0%	-97.6%	2.7%
2205 Open-End Knock-Out Warrants	525	NA	172%	38.1%	185	NA	NA	94.8%
2100 Warrants	4	-6.2%	-30%	0.3%	0.2	-93%	-94%	0.1%
2300 Constant Leverage Certificate	4	109%	-24%	0.3%	3.5	25%	764%	1.8%
2210 Mini-Futures	2	504%	-57%	0.2%	1.2	NA	-73%	0.6%
Total	1,378	330.8%	111.6%	100%	195	7.9%	-12.3%	100%

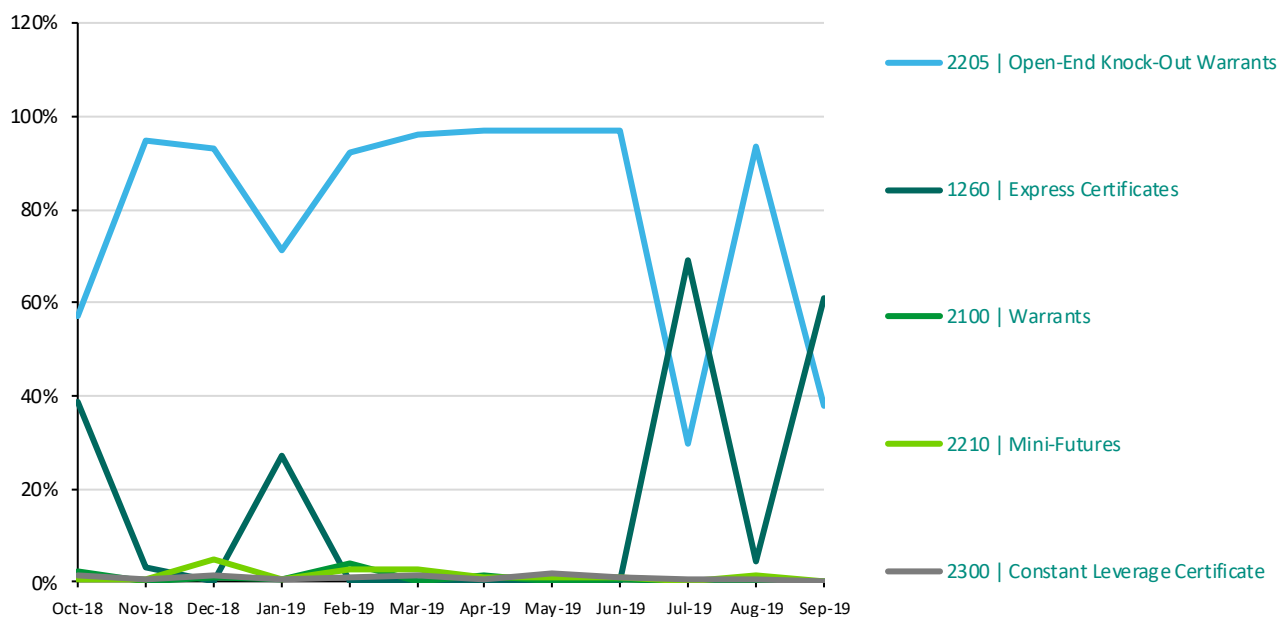
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

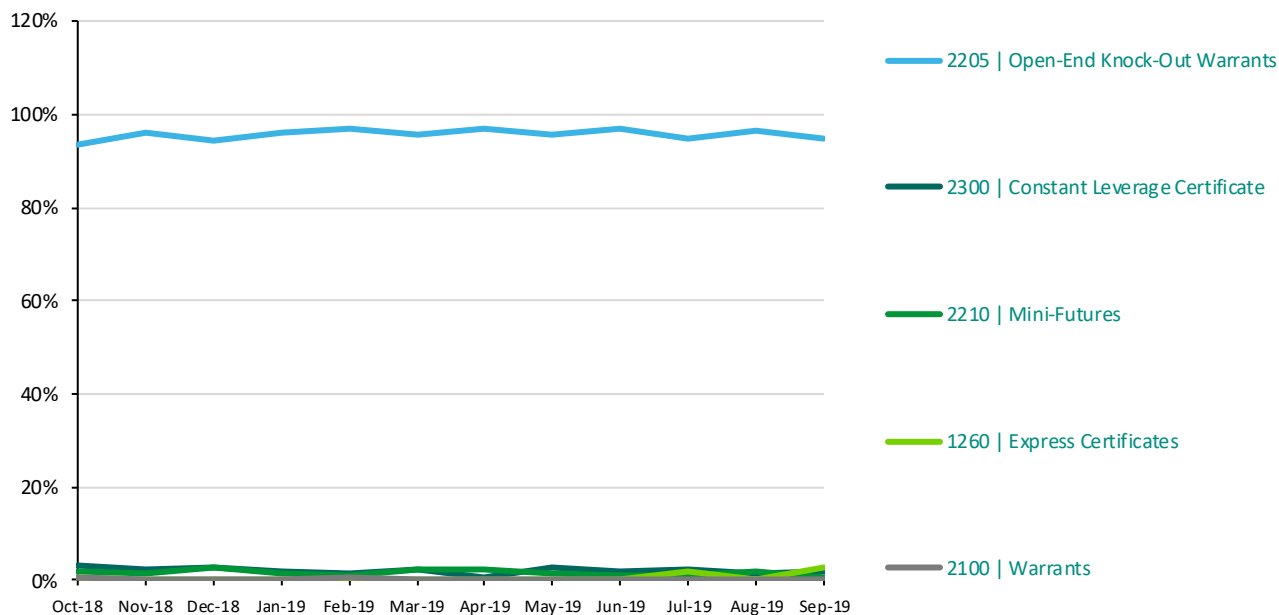
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

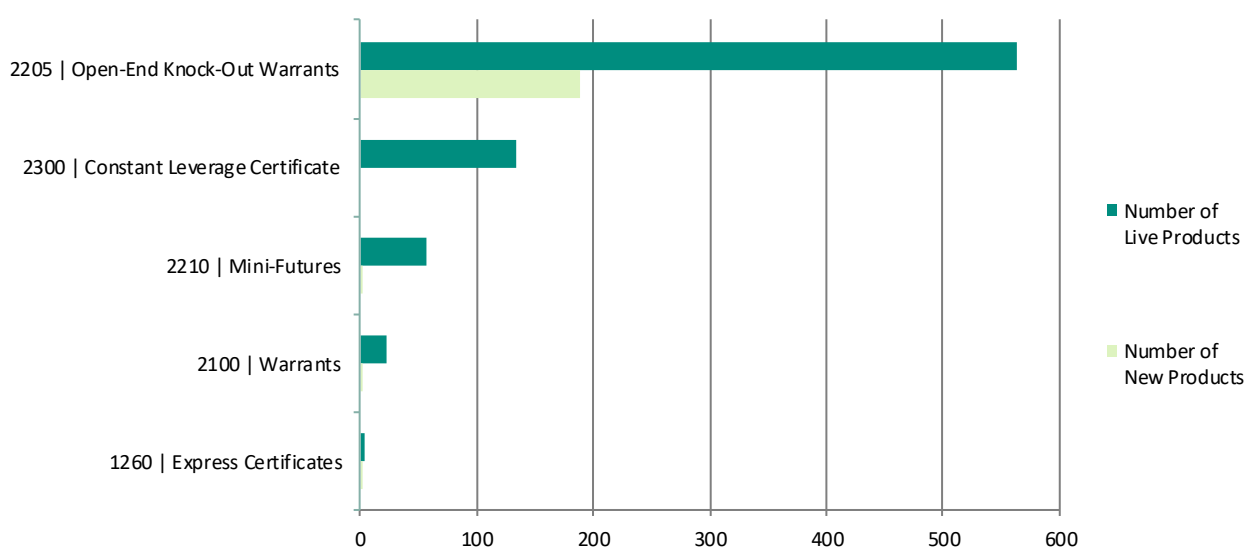
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	563	4.2%	-4.5%	72.0%	189	-29%	-9.0%	96.9%
2300 Constant Leverage Certificate	135	8.0%	13.9%	17.2%	0	-100%	-100%	0.0%
2210 Mini-Futures	56	0.0%	-22%	7.2%	3	200%	5.9%	1.5%
2100 Warrants	23	1.8%	1.1%	3.0%	1	0.0%	-14.3%	0.5%
1260 Express Certificates	5	29%	97%	0.6%	2		380%	1.0%
Total	782	4.6%	-2.9%	100%	195	-32.5%	-11.8%	100%

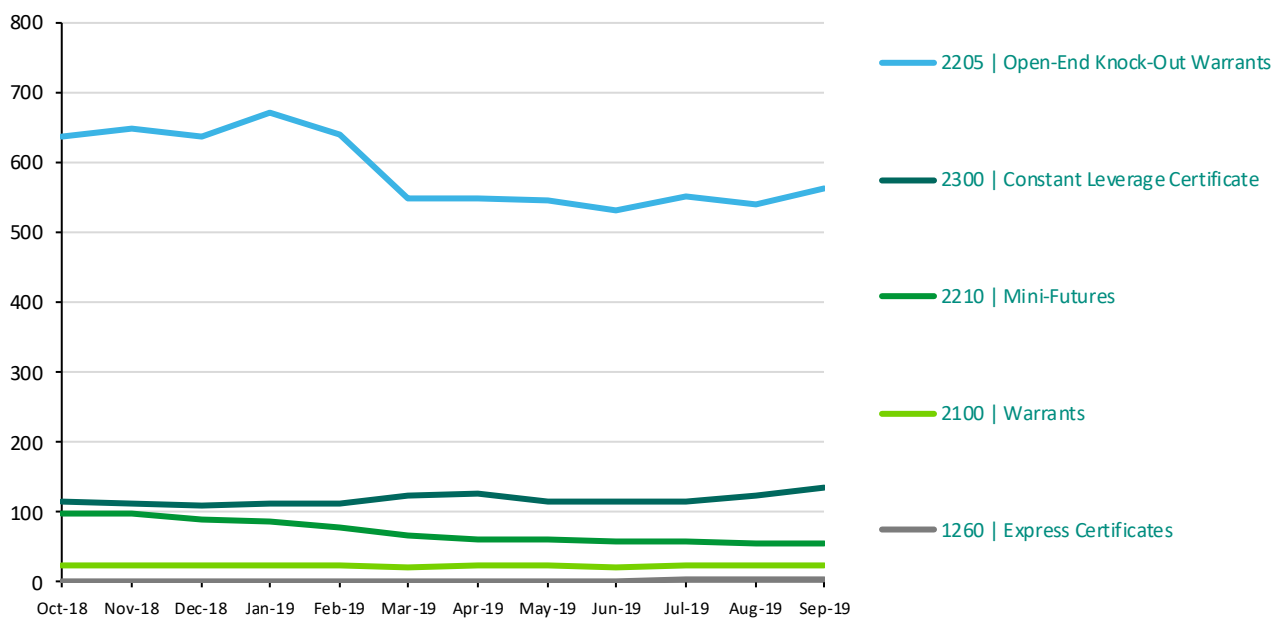
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

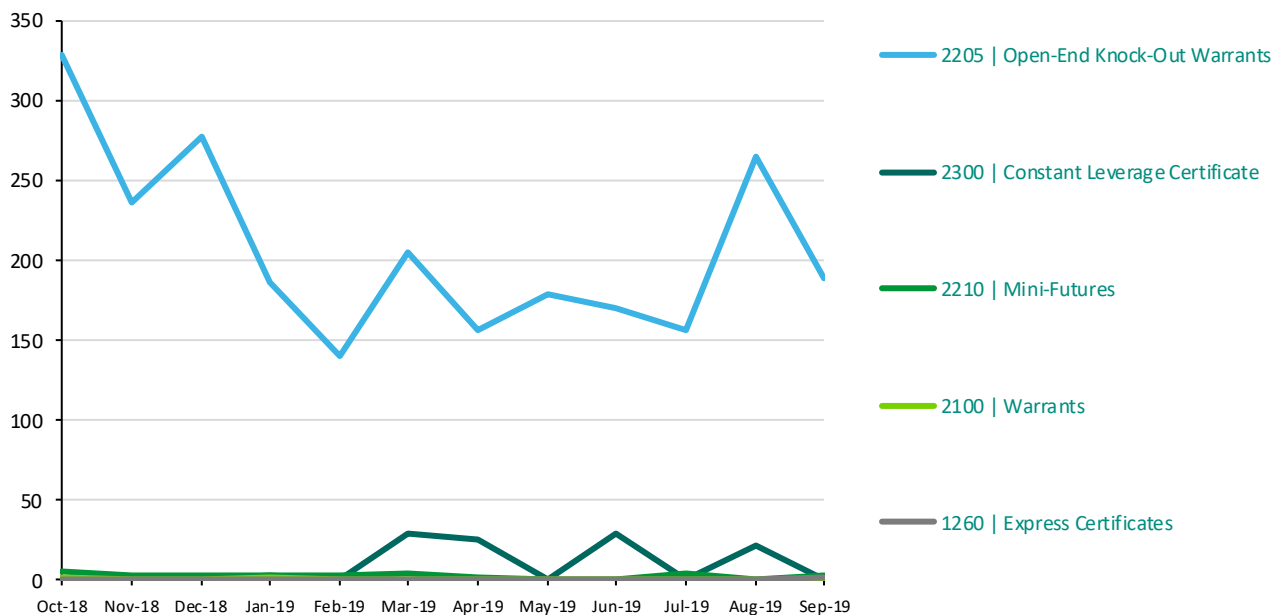
Product Trend: Number of Live Products

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

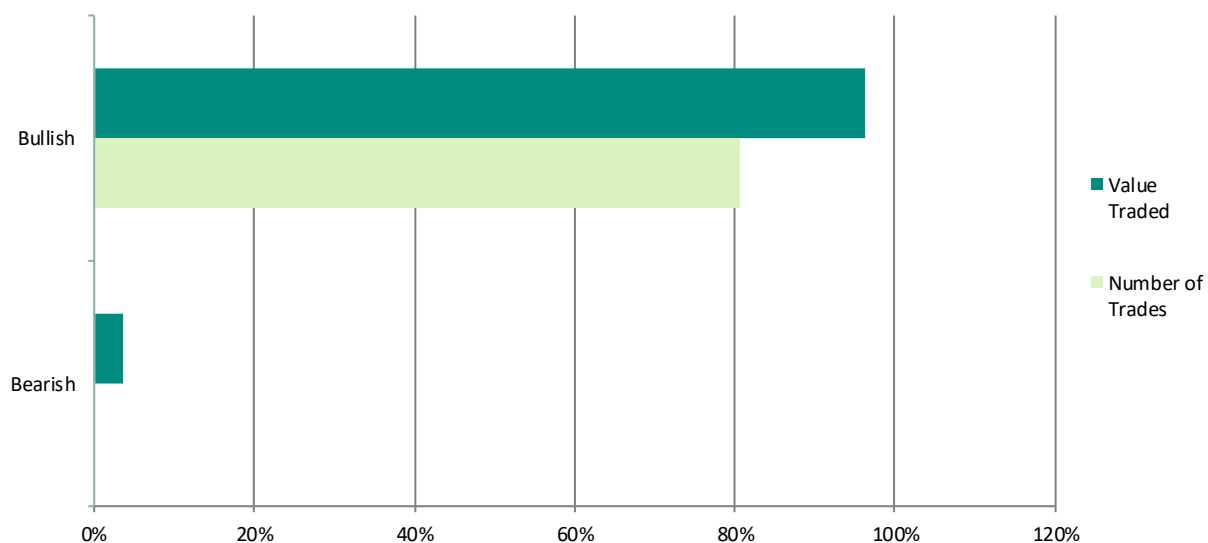
Market Overview

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	1,328	503%	178%	96.4%	157	28.7%	13.2%	80.6%
Bearish	50	-50%	-71%	3.6%	0.0	-100%	-100%	0.0%
Total	1,378	330.8%	111.6%	100%	195	7.9%	-12.3%	100%

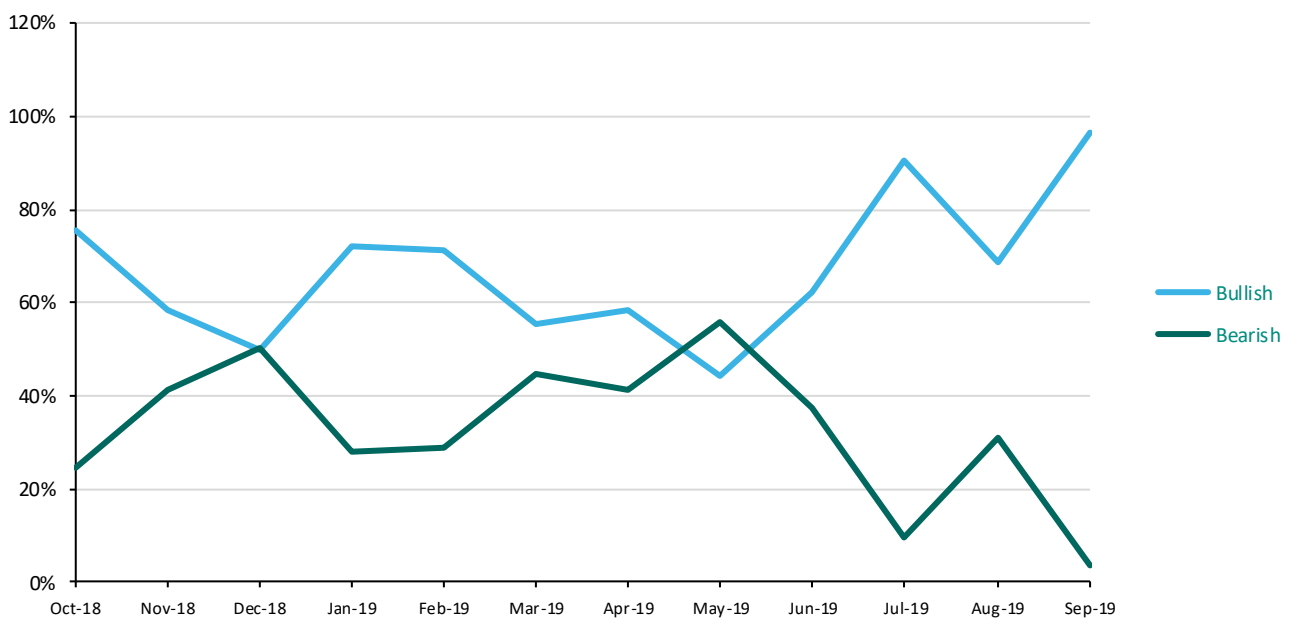
(Source Euronext)



PRODUCT STRATEGIES

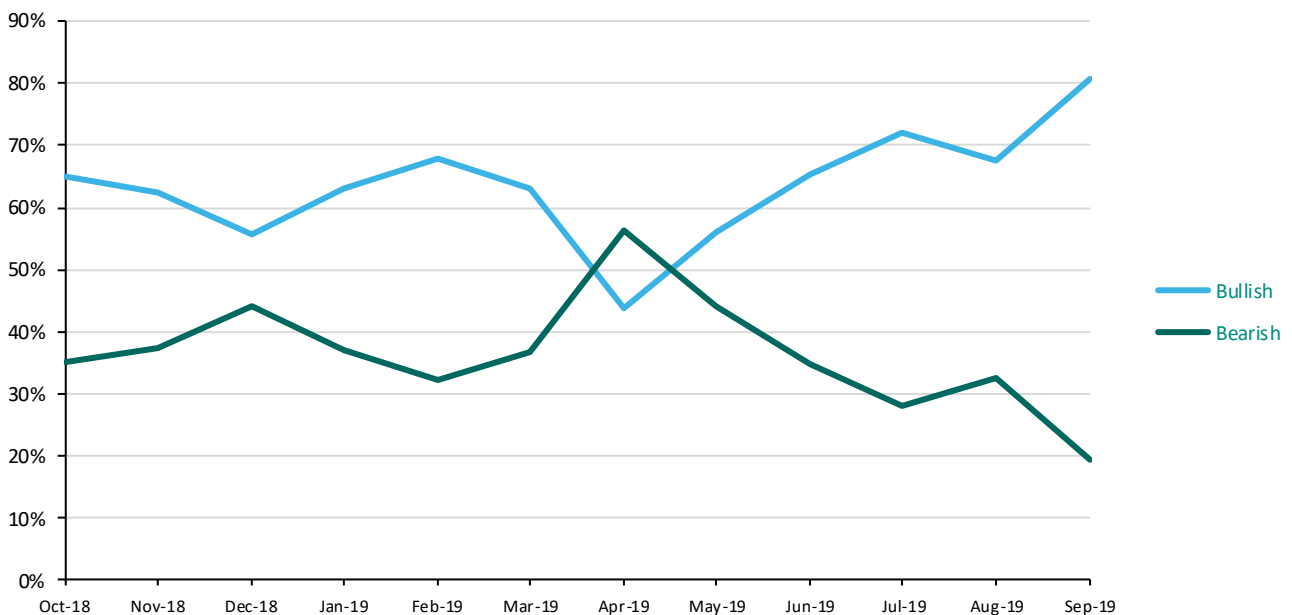
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

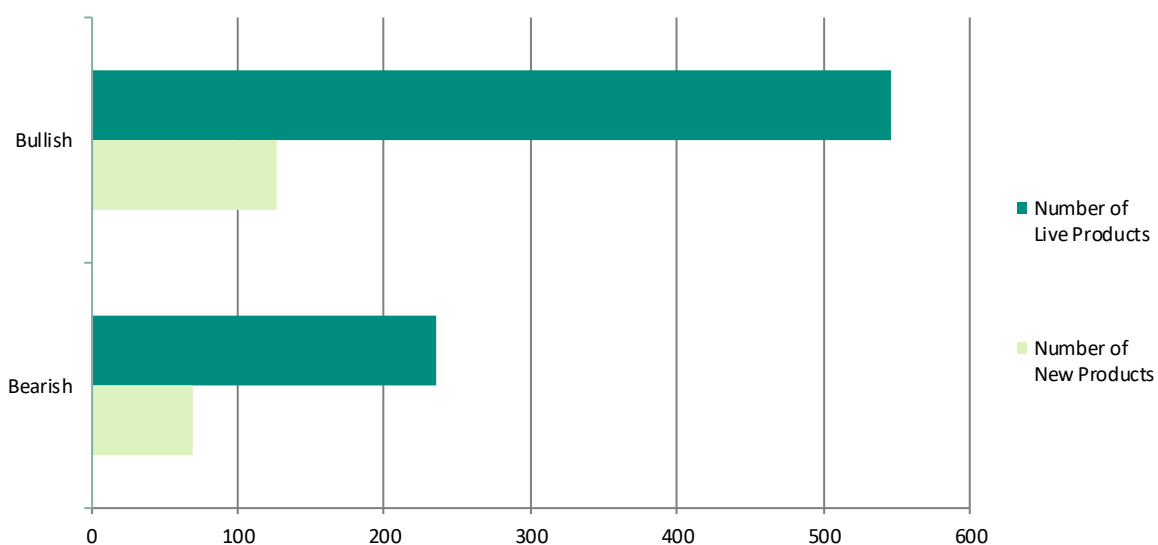
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	547	10.8%	4.3%	69.9%	126	-18.7%	-1.2%	64.6%
Bearish	236	-7.5%	-16.2%	30.1%	69	-49%	-26%	35.4%
Total	782	4.6%	-2.9%	100%	195	-32.5%	-11.8%	100%

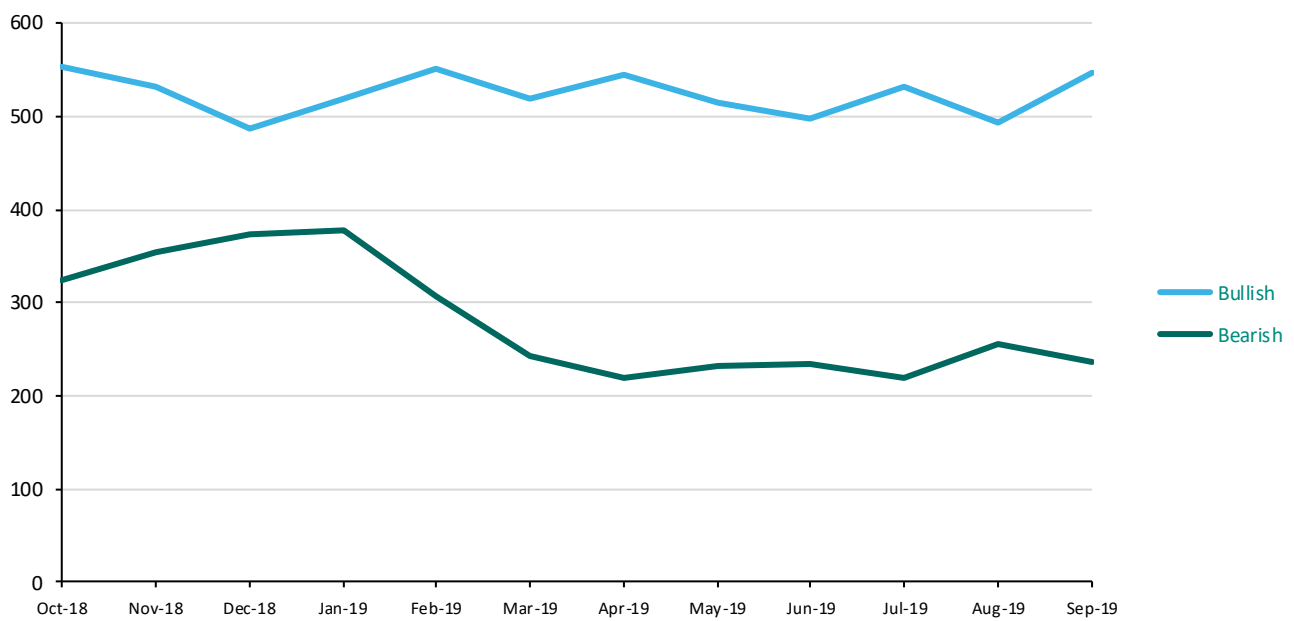
(Source Euronext)



PRODUCT STRATEGIES

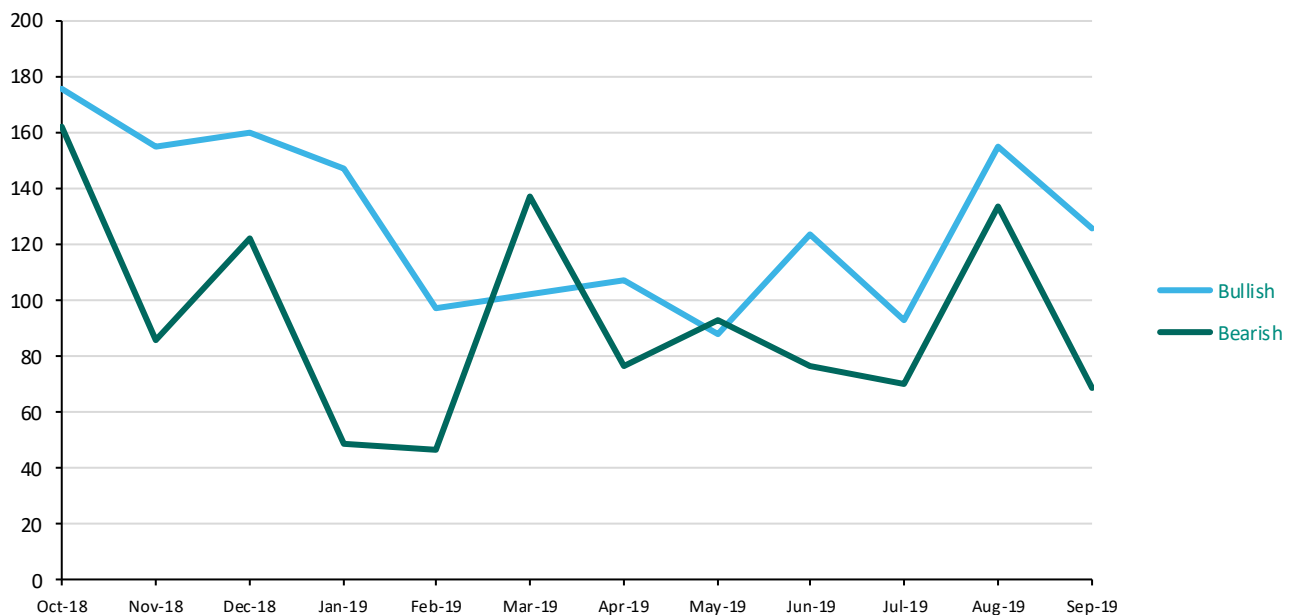
Product Trend: Number of Live Products

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

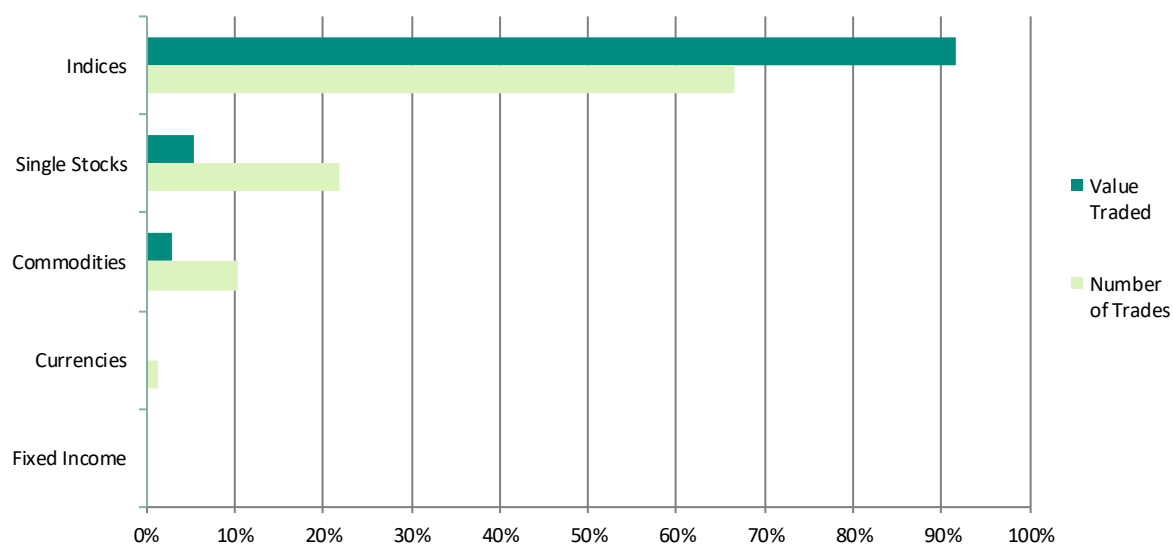
Market Overview

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	1,263	458%	169%	91.6%	130	25.6%	-8.0%	66.5%
Single Stocks	75	52%	-5.8%	5.4%	43	39.3%	-31.5%	21.8%
Commodities	40	-7.9%	-26%	2.9%	20	-54.4%	NA	10.4%
Currencies	1	-32%	-98%	0.1%	2.5	1.0%	-83.9%	1.3%
Fixed Income	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	1,378	330.8%	111.6%	100%	195	7.9%	-12.3%	100%

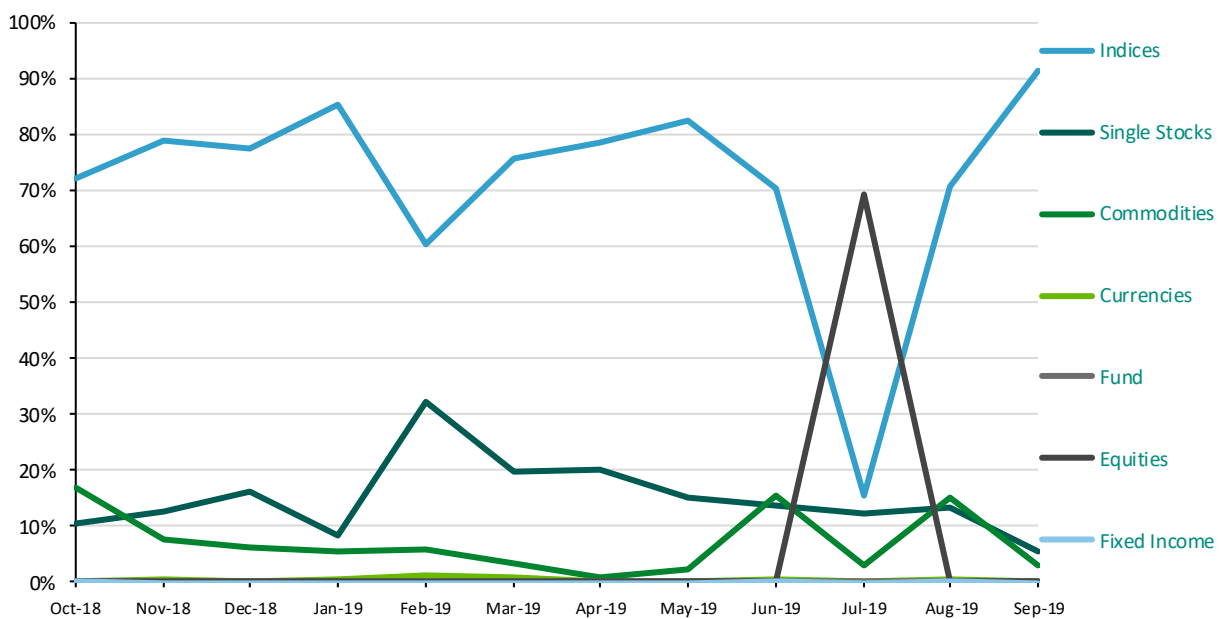
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UNDERLYING TYPES

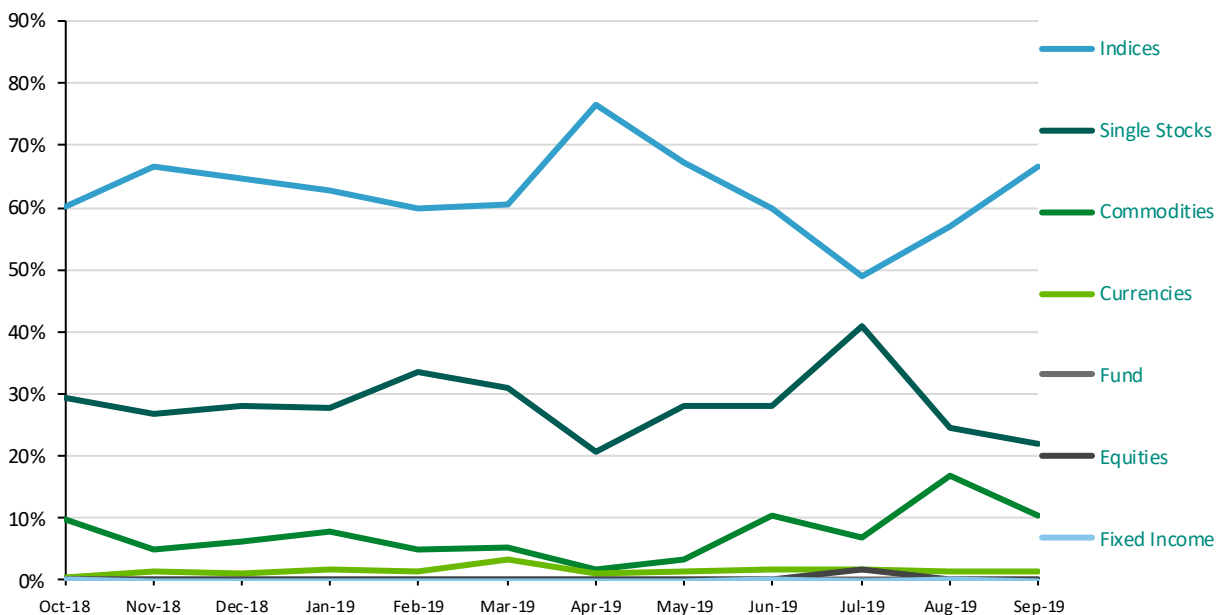
Market Trend: Value traded

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

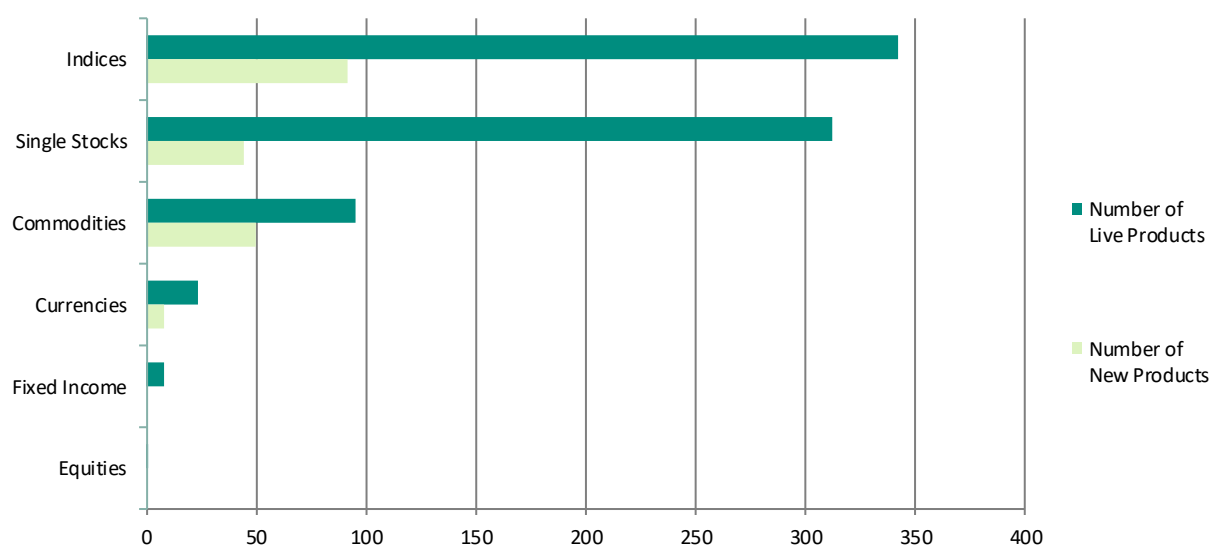
Product Overview

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	342	1.4%	-3.5%	43.8%	92	-48%	-31%	47.2%
Single Stocks	312	7.0%	-5.2%	39.9%	44	4.8%	1.5%	22.6%
Commodities	96	7.2%	8.2%	12.2%	50	-22%	35%	25.6%
Currencies	23	8.7%	-9.3%	3.0%	8	60%	50%	4.1%
Fixed Income	8	6.7%	12.8%	1.0%	0	-100%	-100%	0.0%
Equities	1	-0.8%	311%	0.1%	0		-100%	0.0%
Total	782	4.6%	-2.9%	100%	195	-32.5%	-11.8%	100%

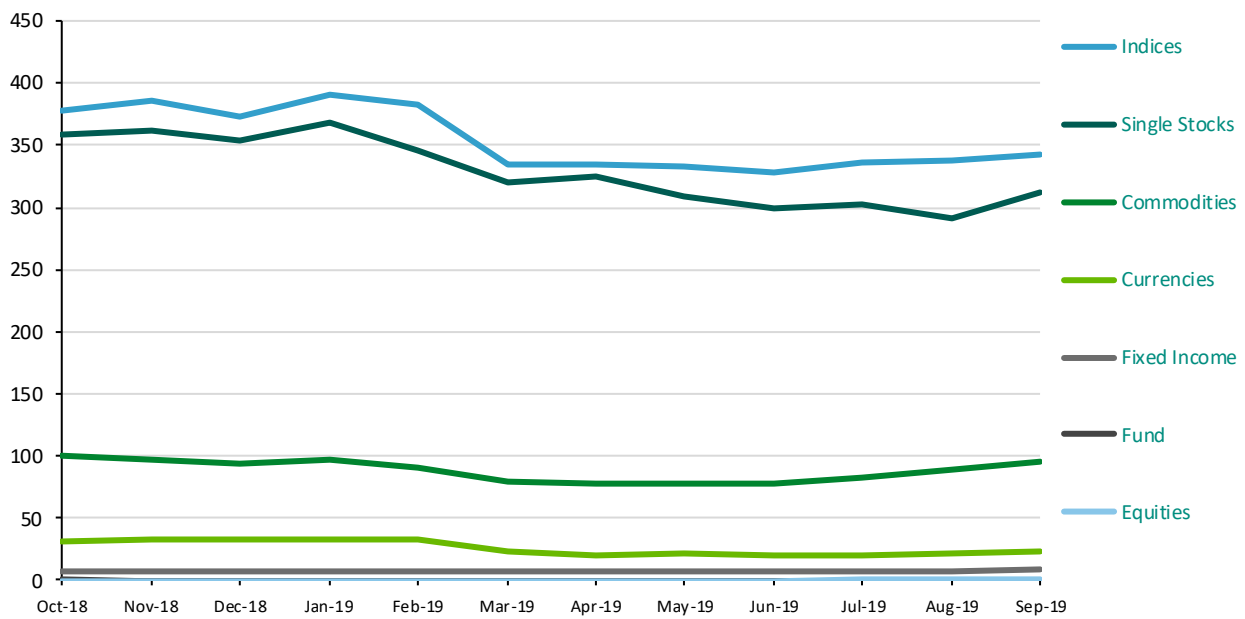
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UNDERLYING TYPES

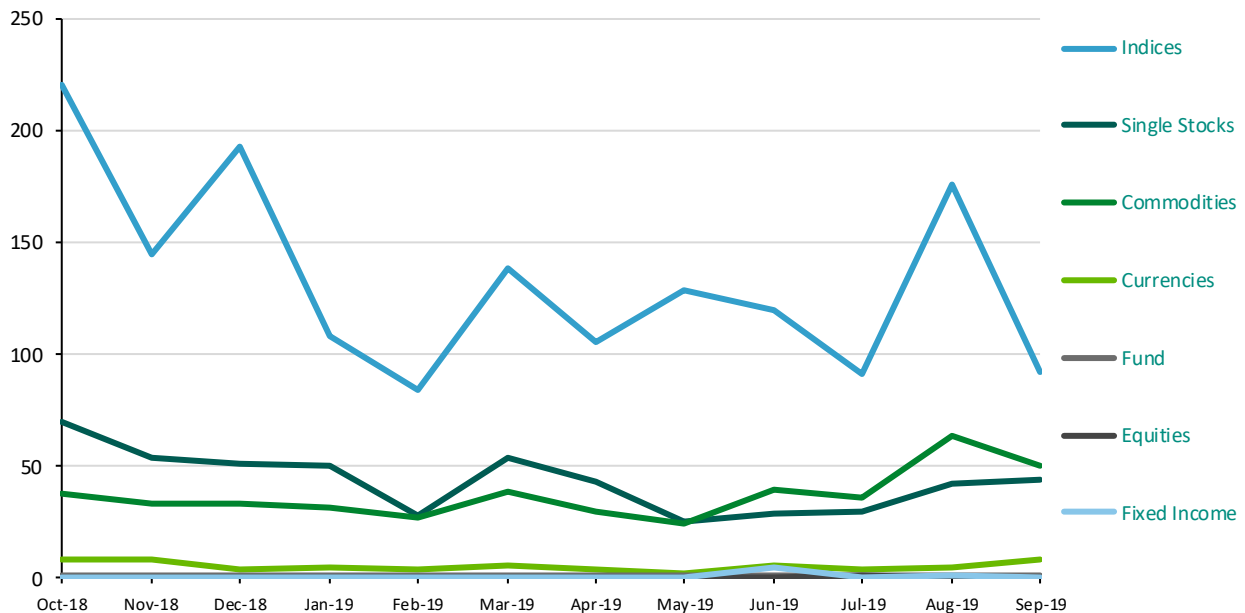
Product Trend: Number of Live Products

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

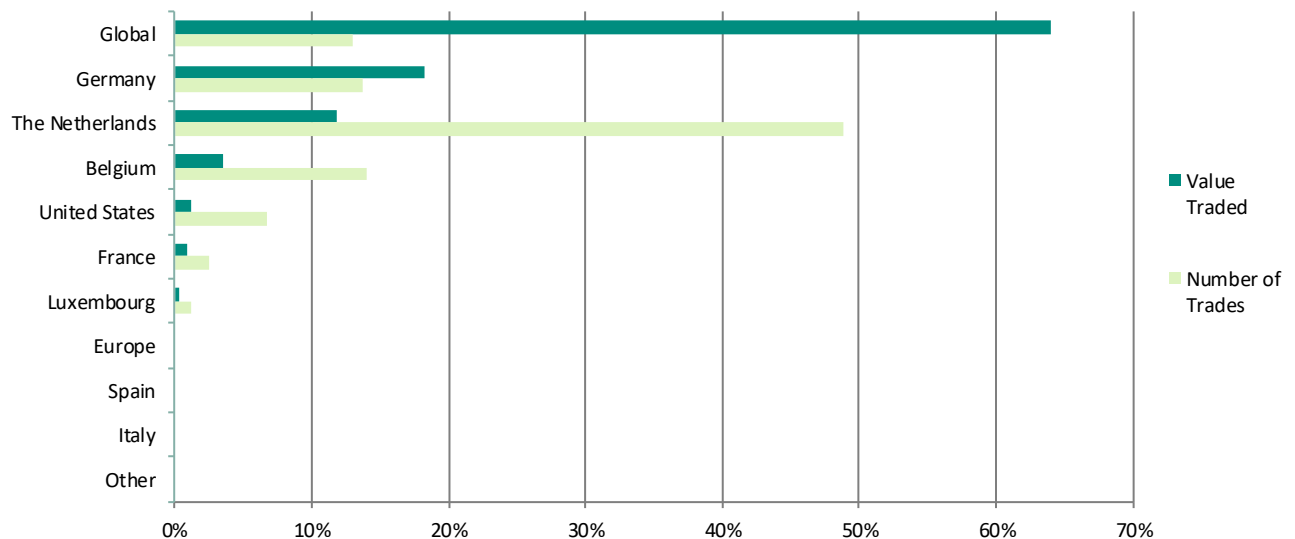
Market Overview

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
Global	883	654%	527%	64.0%	25	-62.2%	57.6%	13.0%
Germany	251	258%	93%	18.2%	27	-6.0%	-52%	13.8%
The Netherlands	164	235%	28%	11.9%	95	212%	19.3%	48.8%
Belgium	48	36%	-51%	3.5%	27	1.1%	NA	14.0%
United States	16	-43%	-80%	1.1%	13	-32%	-32%	6.7%
France	13	-8.5%	-77%	0.9%	4.9	NA	-88%	2.5%
Luxembourg	4	-21%	-71%	0.3%	2.3	-52%	-58%	1.2%
Europe	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Spain	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	1,378	330.8%	111.6%	100%	195	7.9%	-12.3%	100%

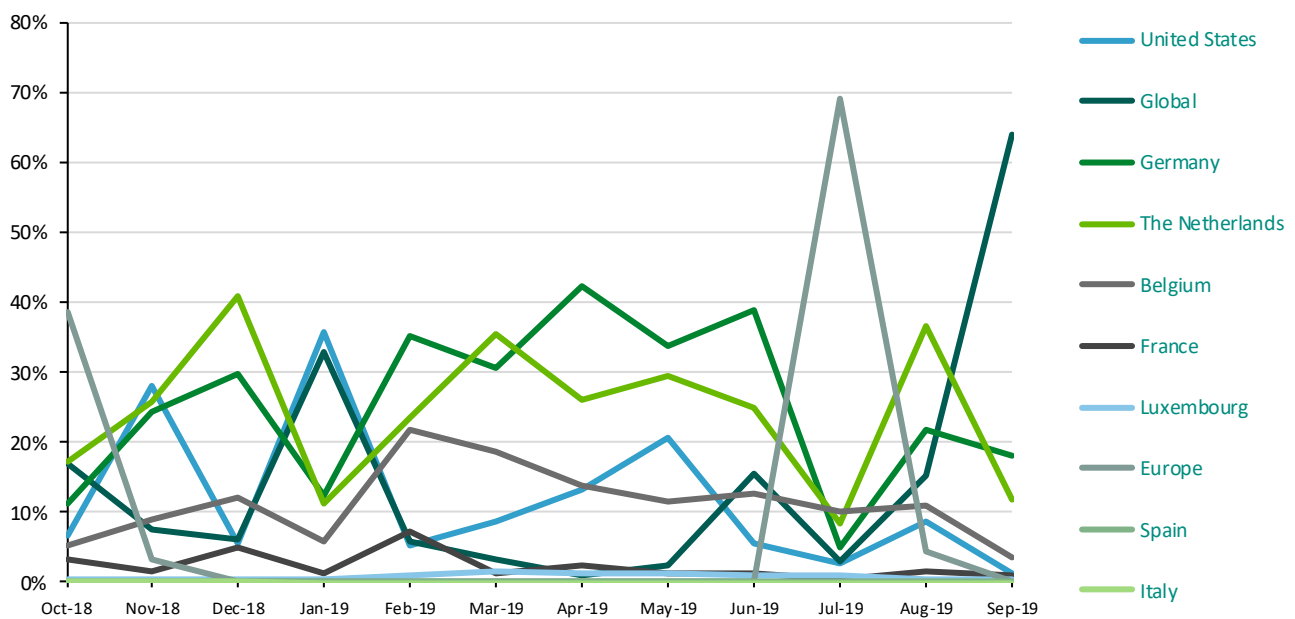
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

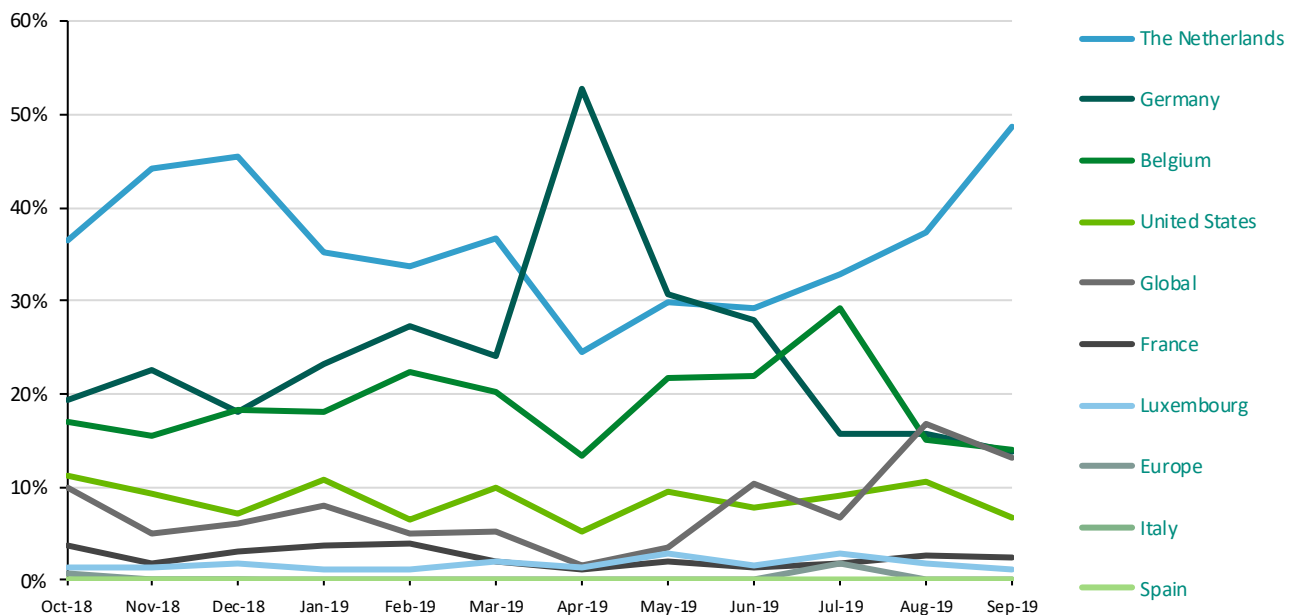
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

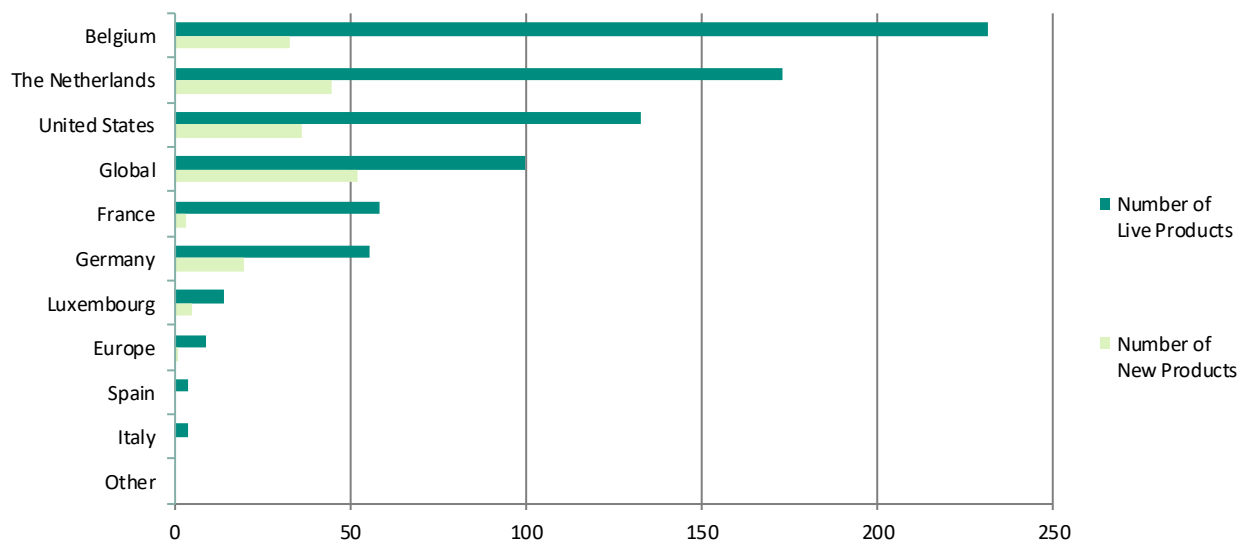
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Belgium	232	4.2%	-8.8%	29.6%	33	-5.7%	-10.6%	16.9%
The Netherlands	173	3.2%	0.7%	22.1%	45	-41%	-23%	23.1%
United States	133	3.5%	2.8%	17.0%	36	-45%	-26%	18.5%
Global	100	8.2%	9.5%	12.8%	52	-18.8%	38%	26.7%
France	58	3.3%	-14.9%	7.5%	3	50%	24%	1.5%
Germany	55	0.6%	-10.4%	7.1%	20	-50%	-35%	10.3%
Luxembourg	14	55%	13.8%	1.8%	5	-16.7%	28%	2.6%
Europe	9	-1.2%	5.9%	1.1%	1	0.0%	-40%	0.5%
Spain	4	0.0%	-0.4%	0.5%	0		-100%	0.0%
Italy	4	0.0%	0.5%	0.5%	0		-100%	0.0%
Other	0	-100%		0.0%	0			0.0%
Total	782	4.6%	-2.9%	100%	195	-32.5%	-11.8%	100%

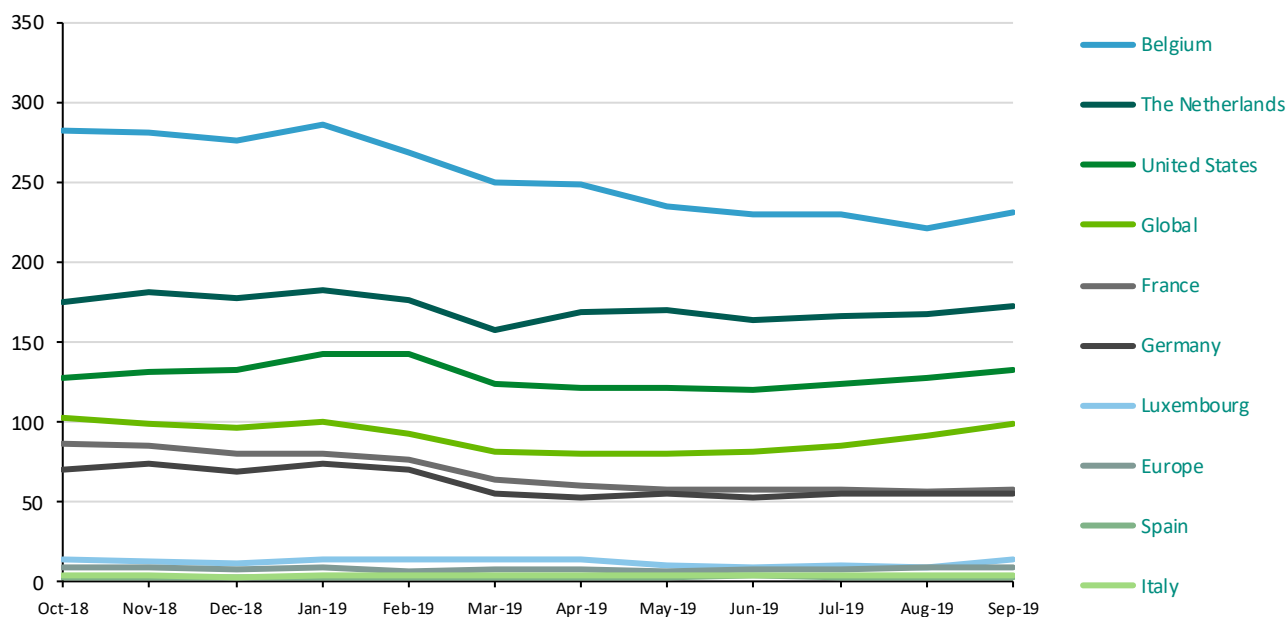
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

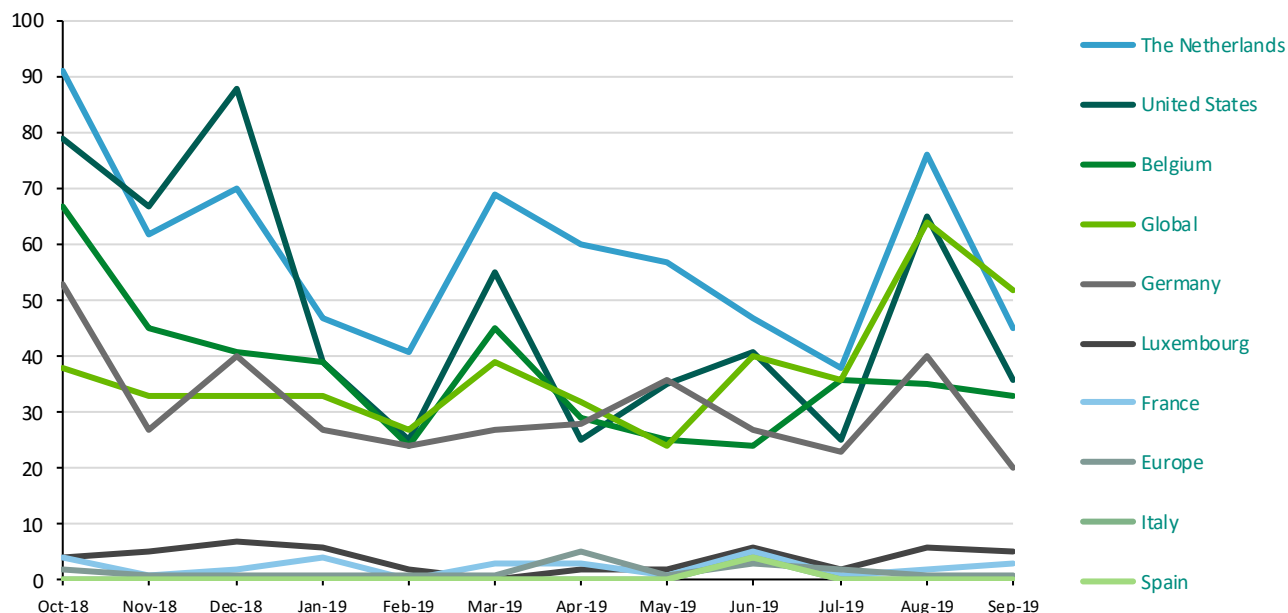
Product Trend: Number of Live Products

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

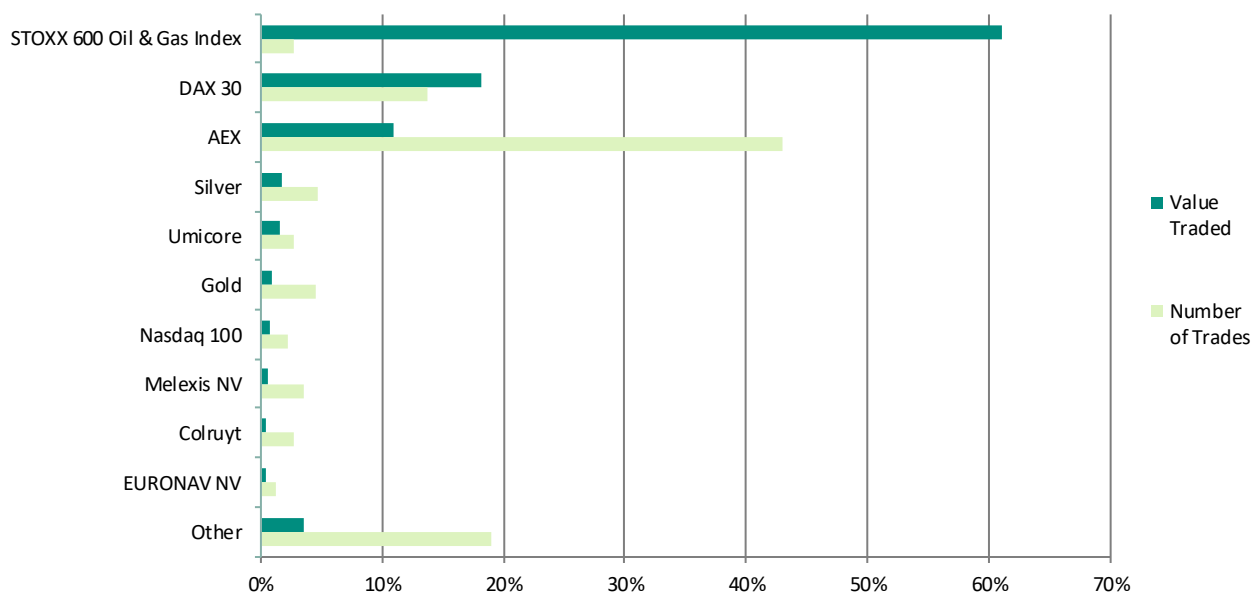
Market Overview

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
STOXX 600 Oil & Gas Index	843	716%	547%	61.2%	5.2	-89.9%	-90.8%	2.7%
DAX 30	251	259%	134%	18.2%	27	-5.9%	-55%	13.8%
AEX	150	328%	59%	10.9%	84	247%	NA	43.0%
Silver	23	60%	-62%	1.7%	9.1	NA	27%	4.7%
Umicore	22	69%	-60%	1.6%	5.2	1.1%	NA	2.7%
Gold	13	8.8%	-70%	1.0%	8.8	29%	NA	4.5%
Nasdaq 100	10	-5.9%	-67%	0.7%	4.4	-24%	-58%	2.3%
Melexis NV	8	-1.4%	-37%	0.6%	6.8	50%	-7.5%	3.5%
Colruyt	6	-29%	-55%	0.4%	5.1	40%	50%	2.6%
EURONAV NV	4	-39%	-61%	0.3%	2.5	-57%	-74%	1.3%
Other	48	26%	-49%	3.5%	37			19.0%
Total	1,378	330.8%	111.6%	100%	195	7.9%	-12.3%	100%

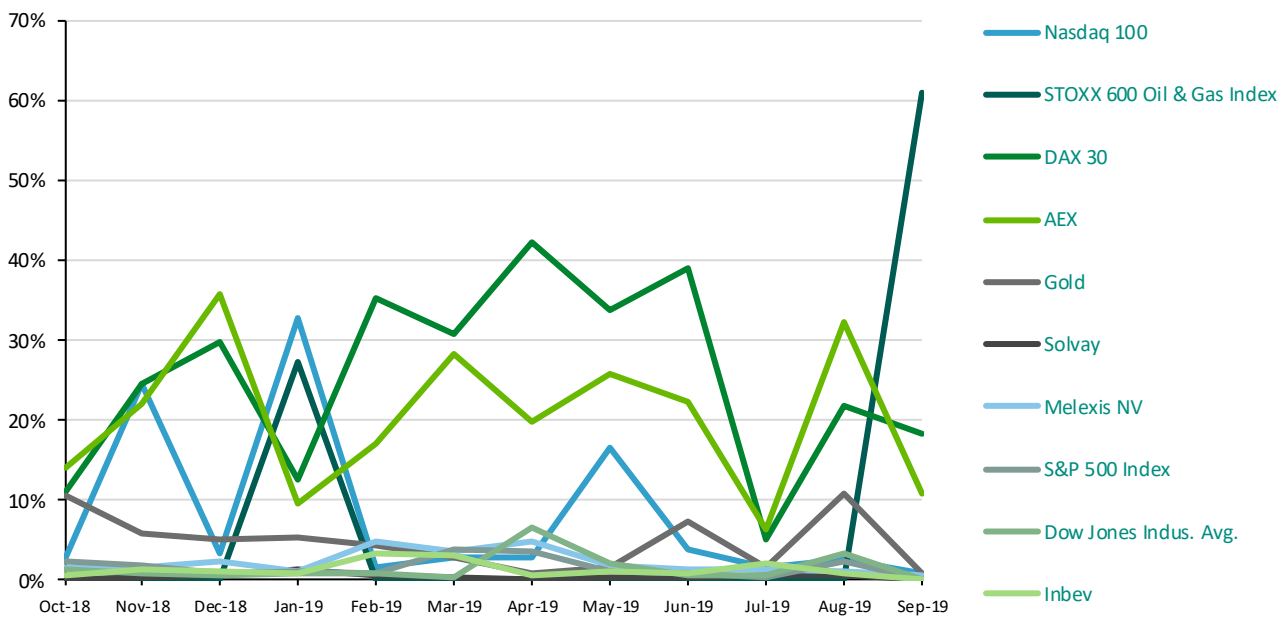
(Source Euronext)



TOP 10 UNDERLYINGS

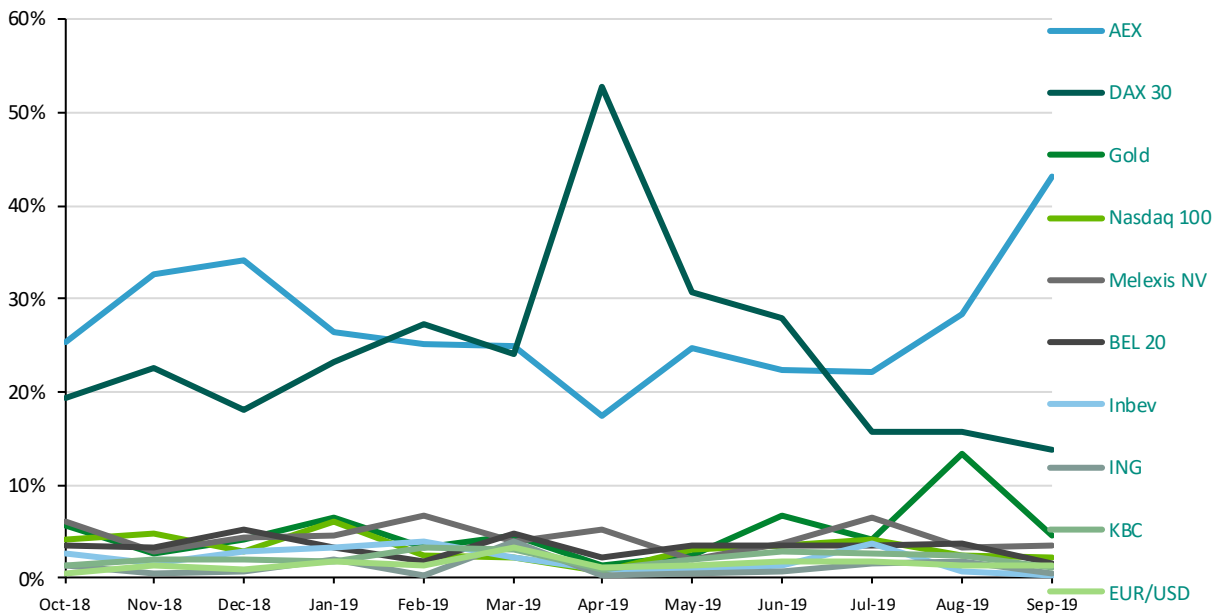
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

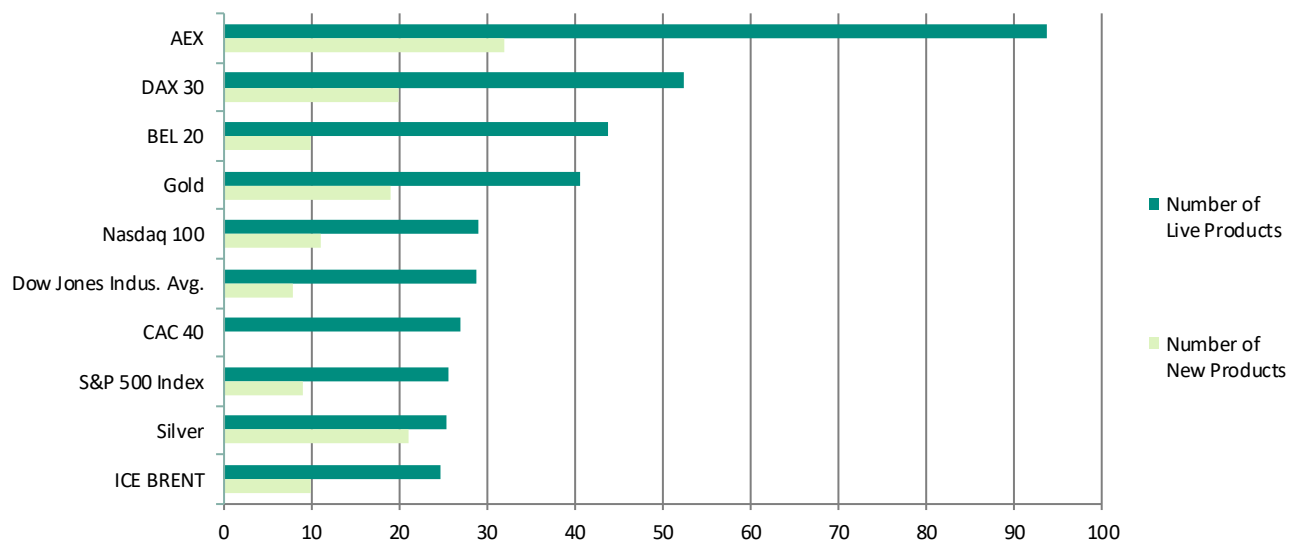
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	94	-0.2%	-1.2%	12.0%	32	-45%	-26%	16.4%
DAX 30	52	0.7%	-10.9%	6.7%	20	-50%	-35%	10.3%
BEL 20	44	1.9%	-12.0%	5.6%	10	-44%	-30%	5.1%
Gold	41	5.3%	16.8%	5.2%	19	-34%	17.5%	9.7%
Nasdaq 100	29	-0.5%	1.5%	3.7%	11	-50%	-32%	5.6%
Dow Jones Indus. Avg.	29	-0.2%	4.2%	3.7%	8	-53%	-43%	4.1%
CAC 40	27	2.4%	-16.4%	3.5%	0	-100%	-100%	0.0%
S&P 500 Index	26	1.0%	2.1%	3.3%	9	-44%	-19.4%	4.6%
Silver	25	28%	25%	3.2%	21	-16.0%	50%	10.8%
ICE BRENT	25	-4.1%	-4.6%	3.2%	10	11.1%	52%	5.1%
Other	391	7.1%	-4.0%	50.0%	55			28.2%
Total	782	4.6%	-2.9%	100%	195	-32.5%	-11.8%	100%

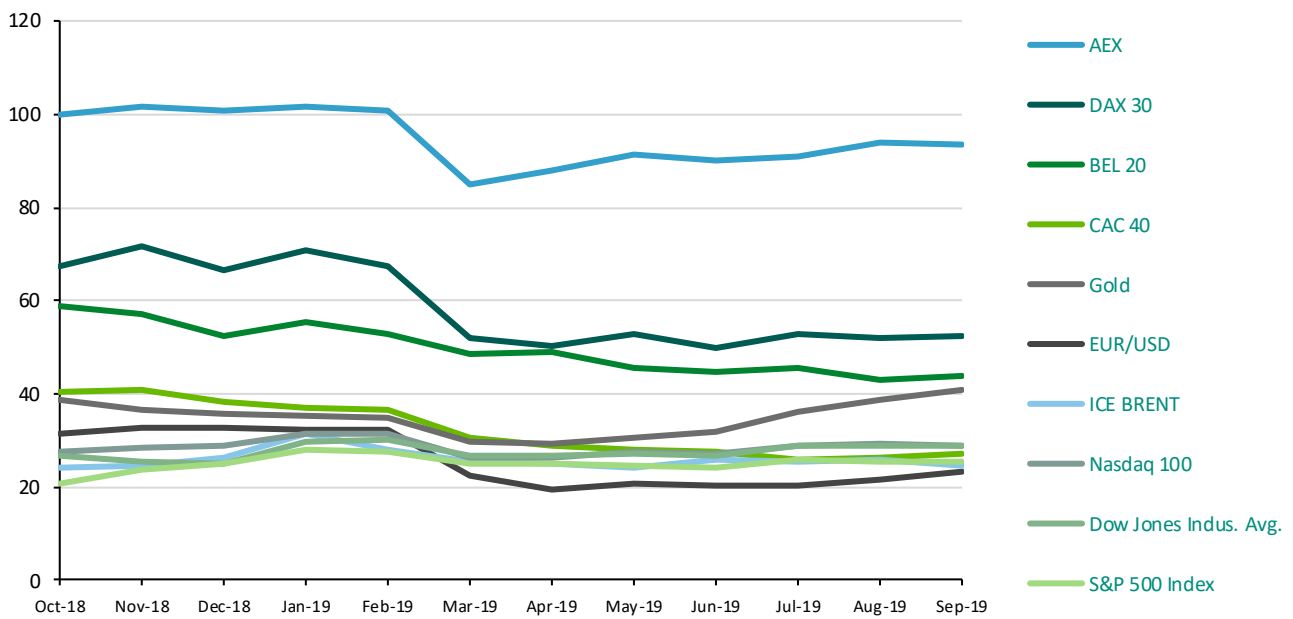
(Source Euronext)



TOP 10 UNDERLYINGS

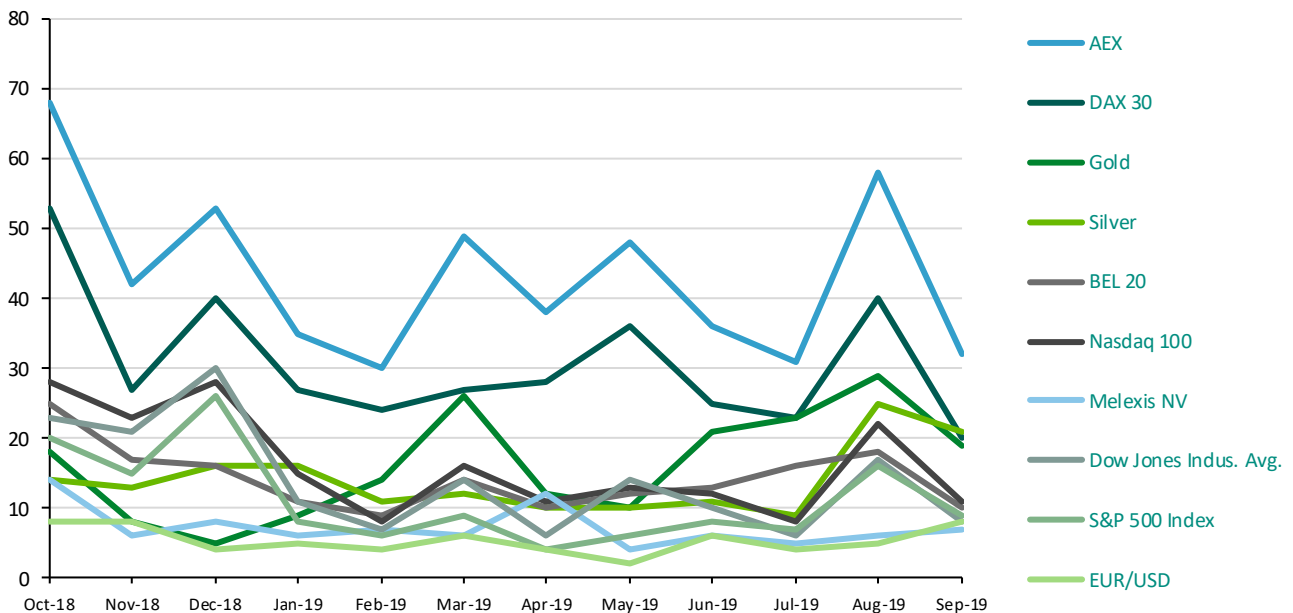
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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
DE000CJ3LAV3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	1,773	578
DE000CJ3L207	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	639	160
LU1898906059	KBC	1260	Express Certificates	Euro STOXX 50	629	2
DE000CJ3L942	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	596	56
DE000CJ3L7F9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	470	96
DE000CJ3L2Z8	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	317	102
DE000CJ3LY14	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	294	86
DE000CJ3L1X5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	256	114
DE000CJ3L3D3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	247	140
DE000CE729P5	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	245	114
DE000CJ3L1T3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	231	86
DE000CJ3L8W2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	203	76
DE000CJ3K9M2	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	202	18
DE000CJ3L8F7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	202	62
DE000CN8ZTW4	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	184	24
DE000CJ3L3P7	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	183	370
DE000CJ3L7T0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	181	86
DE000CJ3L2R5	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	179	64
DE000CN1W7N4	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	177	94
DE000CJ3L272	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	160	138
DE000CJ3L850	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	155	98
DE000CN914N7	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	153	28
DE000CJ3LW08	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	144	24
DE000CJ3LD01	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	140	38
DE000CJ3LYV3	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	136	22
DE000CJ3K8W3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	125	40
DE000CJ3L3G6	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	124	30
DE000CJ3L7K9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	117	58
DE000CJ3L2Y1	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	109	54
DE000CE732E3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	104	6
DE000CN914B2	Commerzbank	2205	Open-End Knock-Out Warrants	EURONAV NV	100	78
DE000CJ3L9L3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	86	54
DE000CJ3L2K0	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	84	18
DE000CJ3L355	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	82	44
DE000CA1SS40	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	80	40
DE000CJ3L264	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	79	54
DE000CJ3LXQ5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	79	16
DE000CJ3LZR8	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	79	4
DE000CJ3L330	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	76	52
DE000CJ3LZ13	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	75	36
DE000CJ3L6M7	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	71	46
DE000CN8ZP40	Commerzbank	2205	Open-End Knock-Out Warrants	Solvay	68	32
DE000CJ3LPX7	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	67	16
DE000CJ3L9H1	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	66	28
DE000CJ3L9A6	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	65	28
DE000CJ3KZC2	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	62	20
DE000CN90BS5	Commerzbank	2205	Open-End Knock-Out Warrants	ING	62	66
DE000CN90NS0	Commerzbank	2205	Open-End Knock-Out Warrants	Total	60	96
DE000CJ3LYH2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	55	22
DE000CJ3L256	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	53	72

(Source Euronext)



Euronext Lisbon

ISSUERS

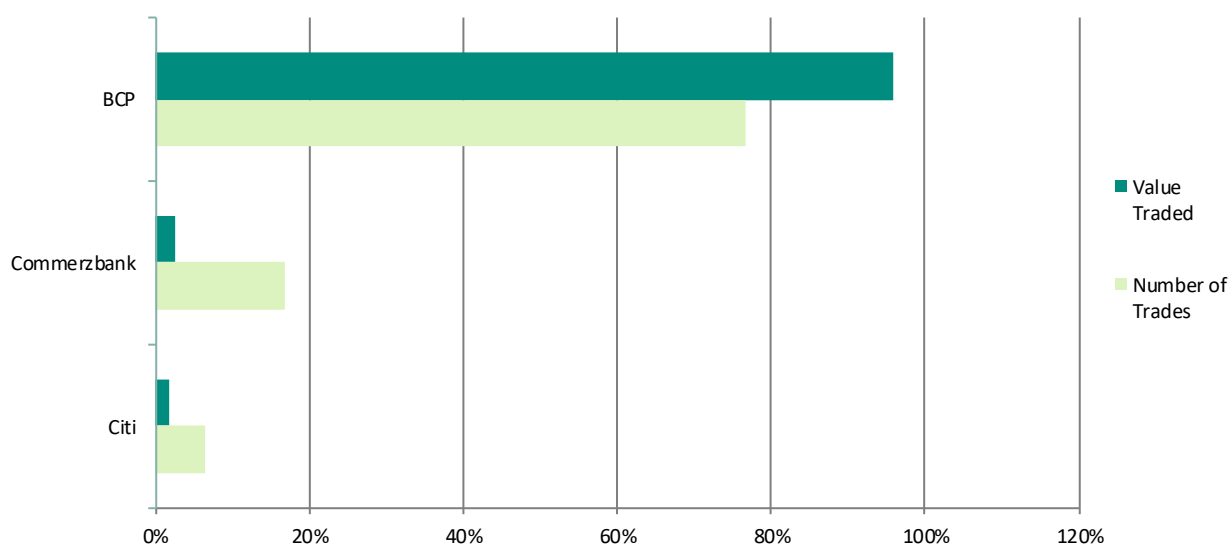
Market Overview

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	5,464	80%	36%	95.9%	285	44.8%	4.2%	76.8%
Commerzbank	137	-42%	-27%	2.4%	62	-43.9%	-20.4%	16.8%
Citi	98	12.9%	-28%	1.7%	24	-36.4%	-39.2%	6.5%
Total	5,699	70.0%	30.9%	100%	371	7.5%	-5.1%	100%

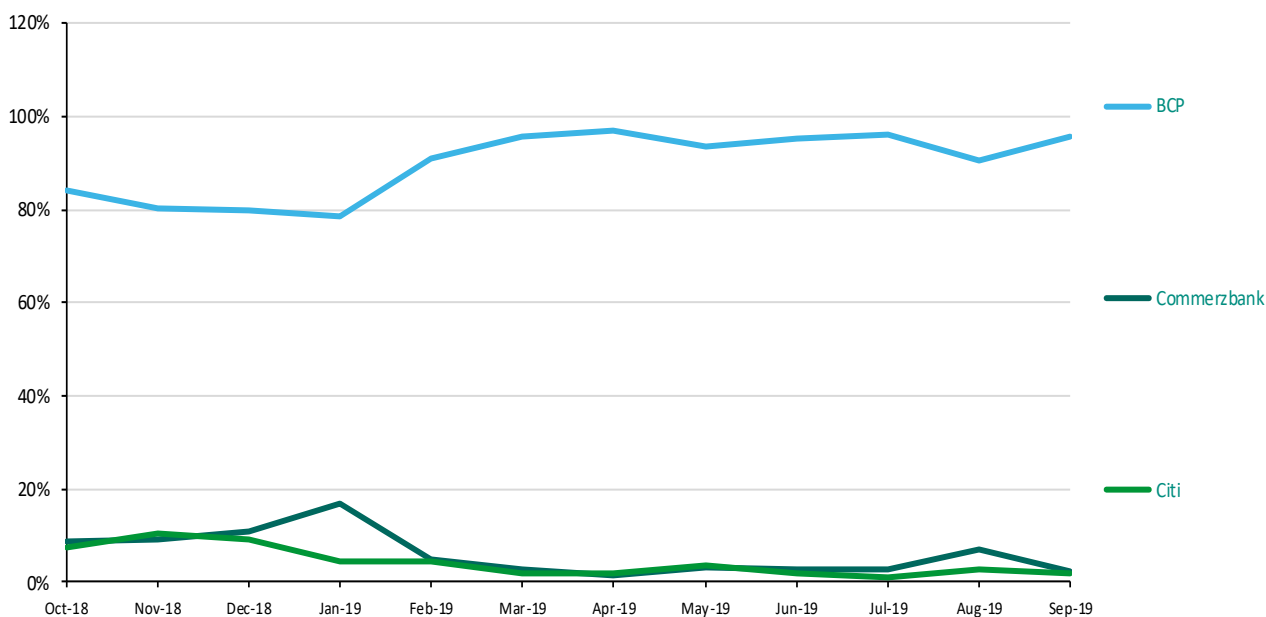
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ISSUERS

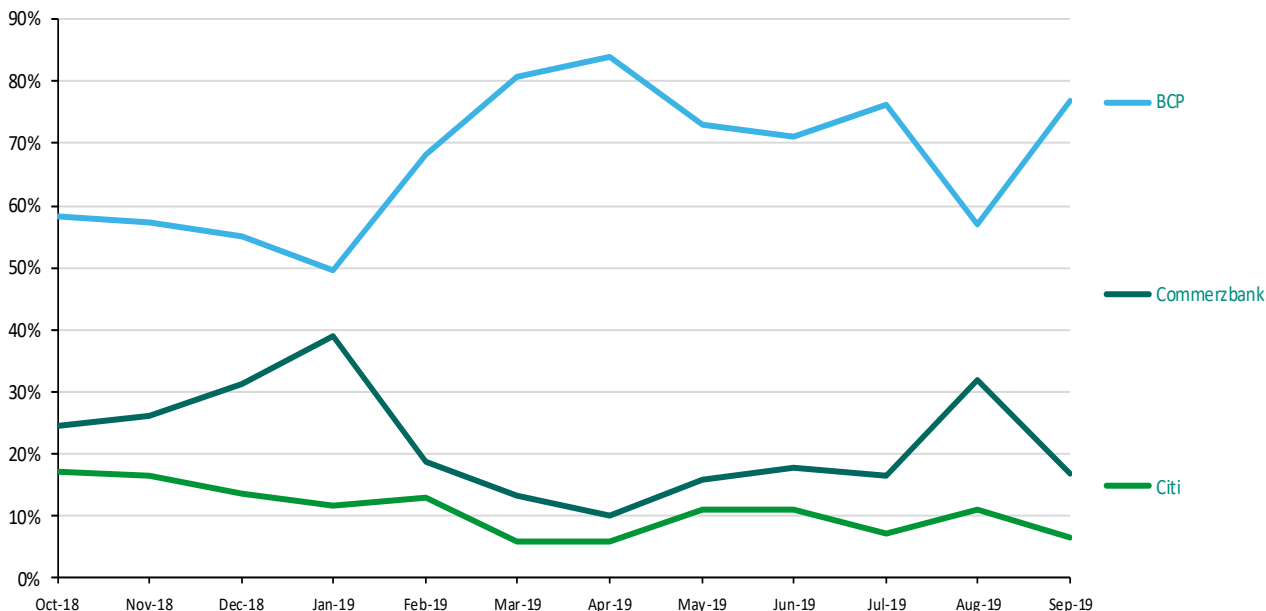
Market Trend: Value traded

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

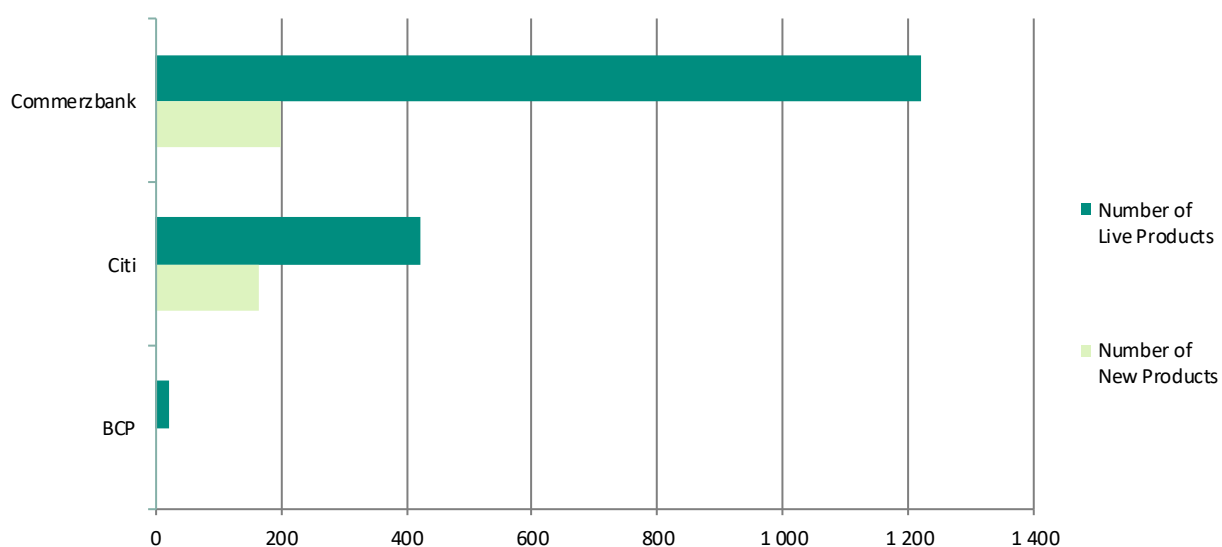
Product Overview

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	1,219	-6.1%	8.1%	73.3%	198	26%	-26%	54.4%
Citi	422	-2.3%	5.4%	25.4%	166	118%	28%	45.6%
BCP	22	0.4%	0.3%	1.3%	0			0.0%
Total	1,663	-5.1%	7.3%	100%	364	56.2%	-8.8%	100%

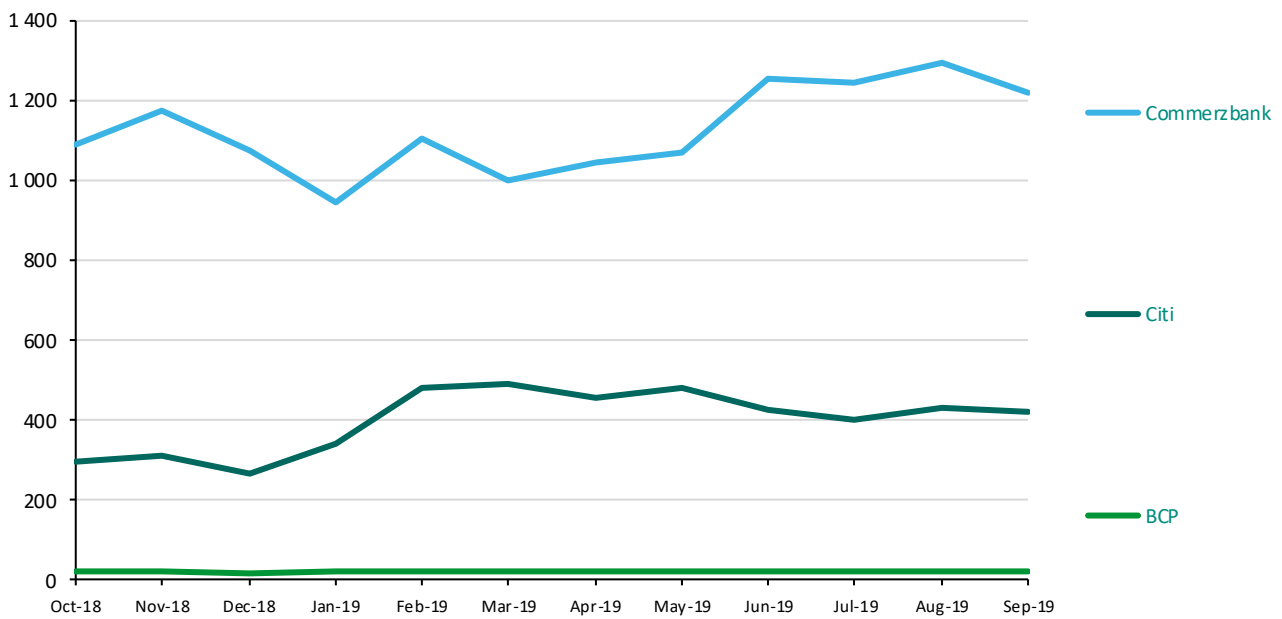
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ISSUERS

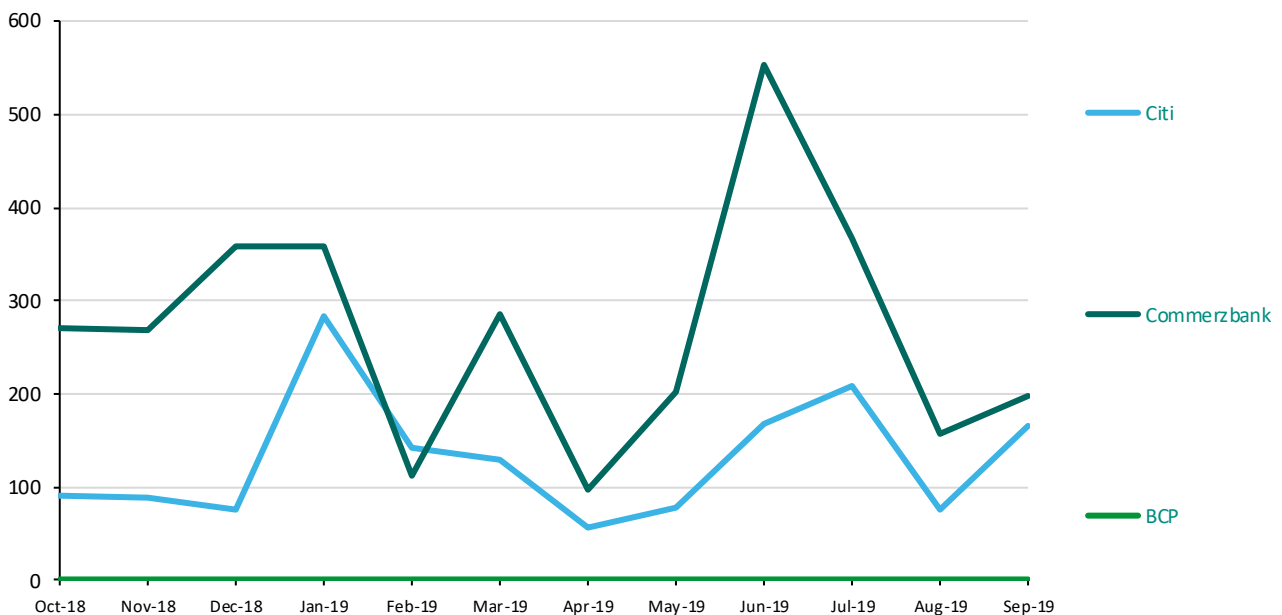
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

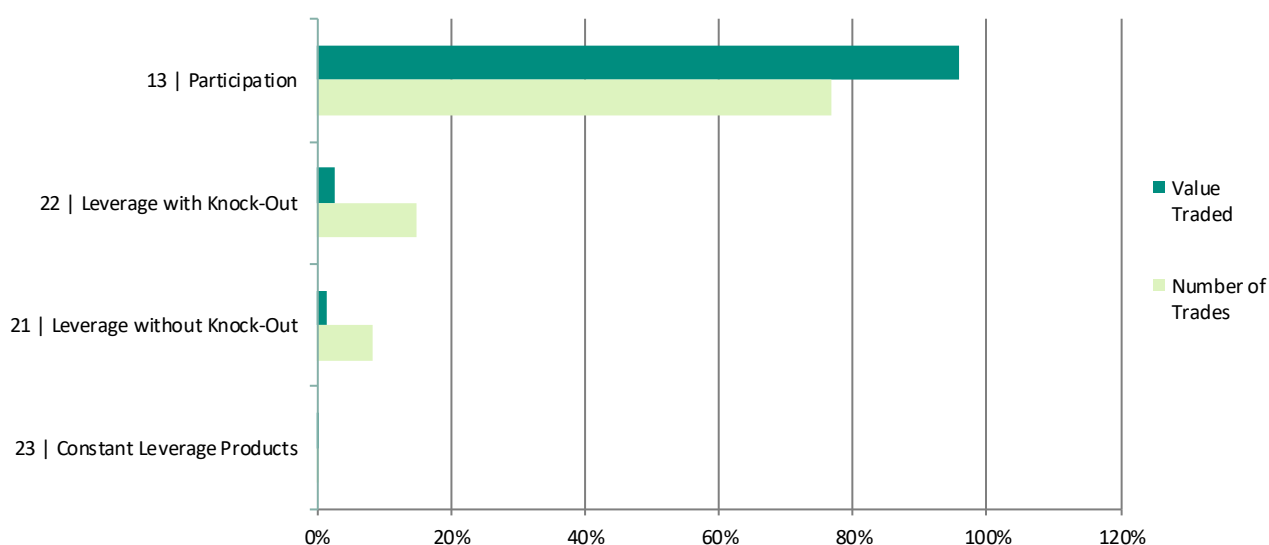
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13 Participation	5,464	80%	36%	95.9%	285	44.8%	4.2%	76.8%
22 Leverage with Knock-Out	148	-35%	-38%	2.6%	55	-48.5%	-33.1%	14.9%
21 Leverage without Knock-Out	86	10.7%	7.6%	1.5%	30	-22.2%	-9.5%	8.2%
23 Constant Leverage Products	1	-95%	-88%	0.0%	0.7	-70.9%	-56.9%	0.2%
Total	5,699	70.0%	30.9%	100%	371	7.5%	-5.1%	100%

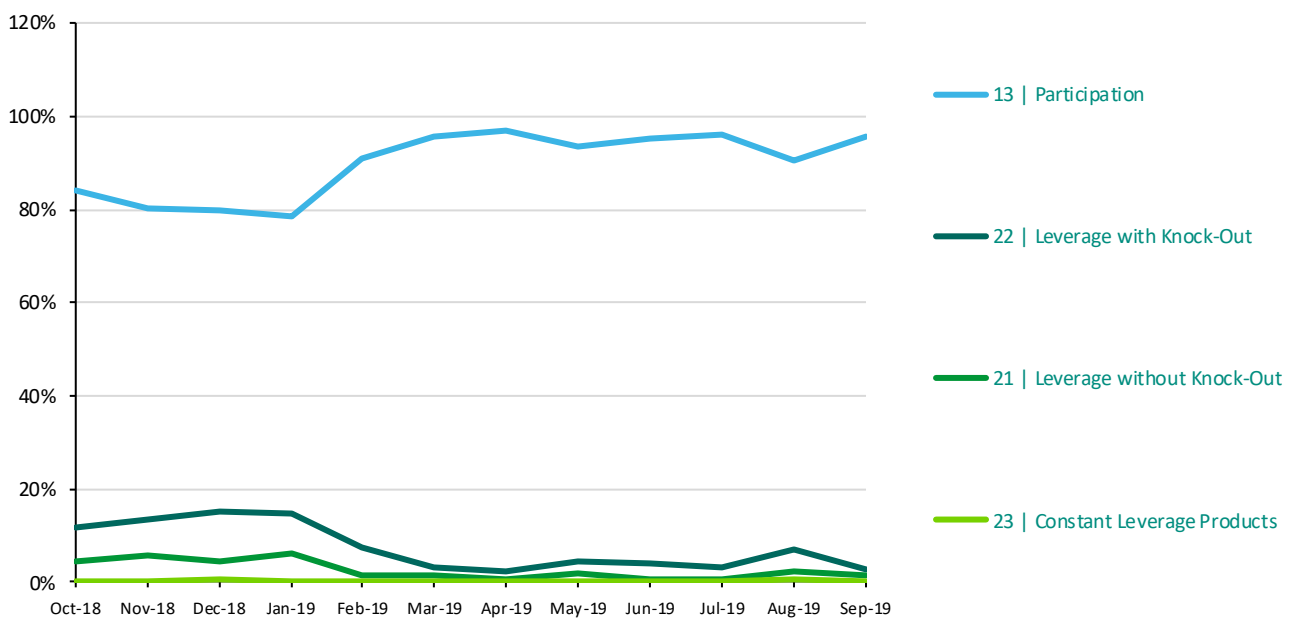
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

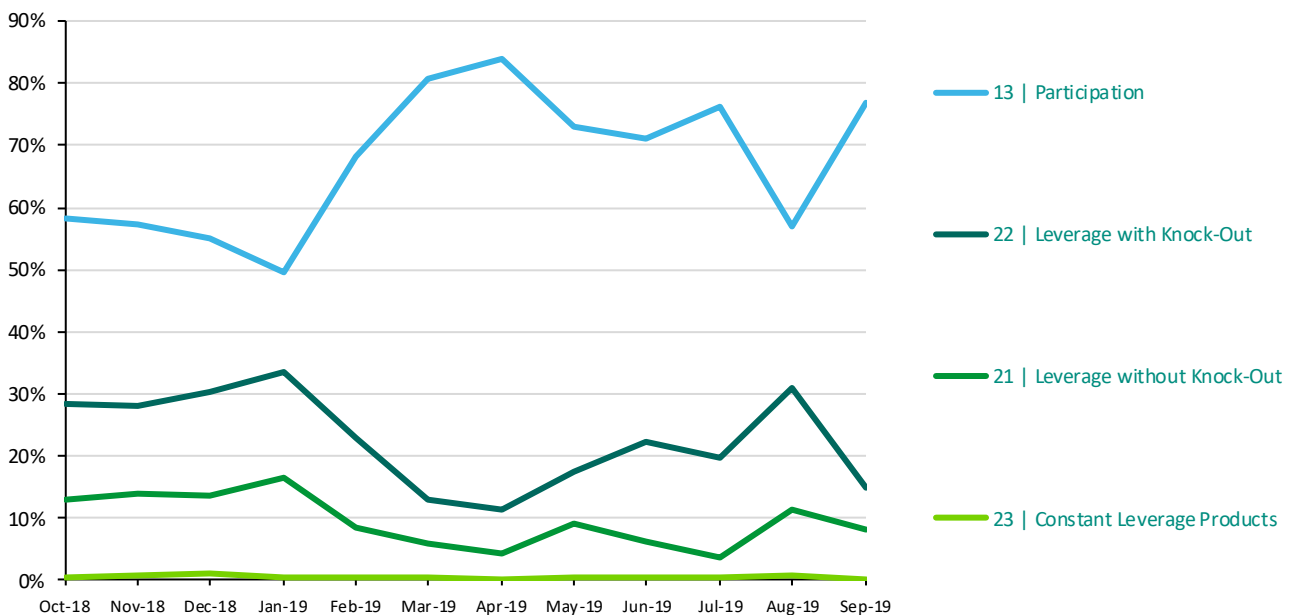
Market Trend: Value traded

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

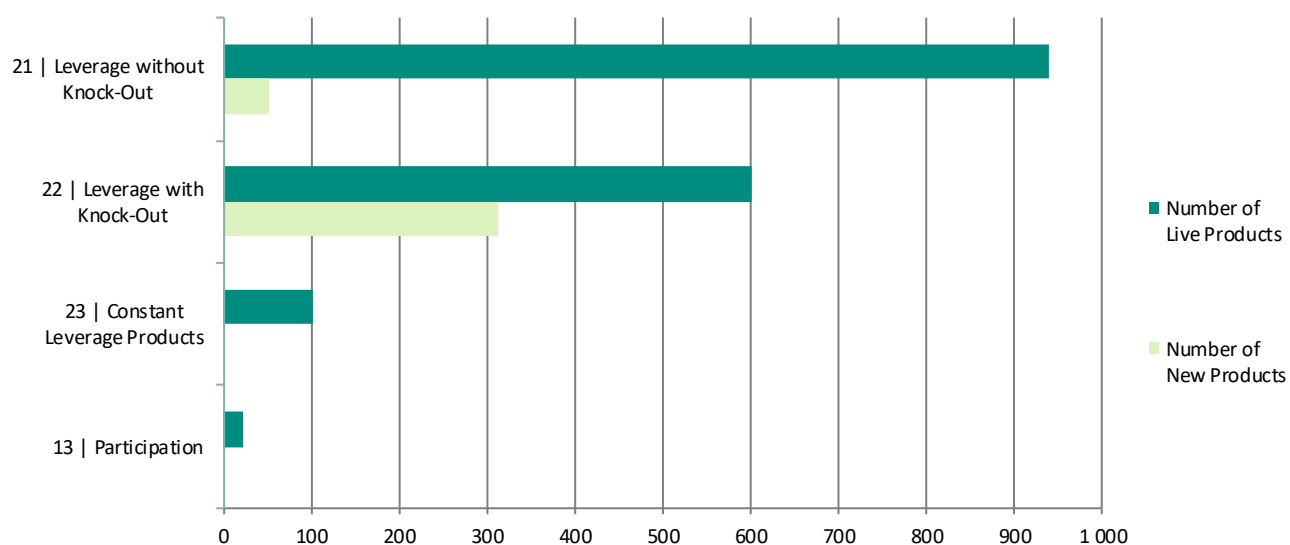
Product Overview

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	940	-9.7%	2.9%	56.5%	52		-57%	14.3%
22 Leverage with Knock-Out	600	2.6%	21%	36.1%	312	34%	14.7%	85.7%
23 Constant Leverage Products	101	-2.7%	-14.4%	6.1%	0		-100%	0.0%
13 Participation	22	0.4%	0.3%	1.3%	0			0.0%
Total	1,663	-5.1%	7.3%	100%	364	56.2%	-8.8%	100%

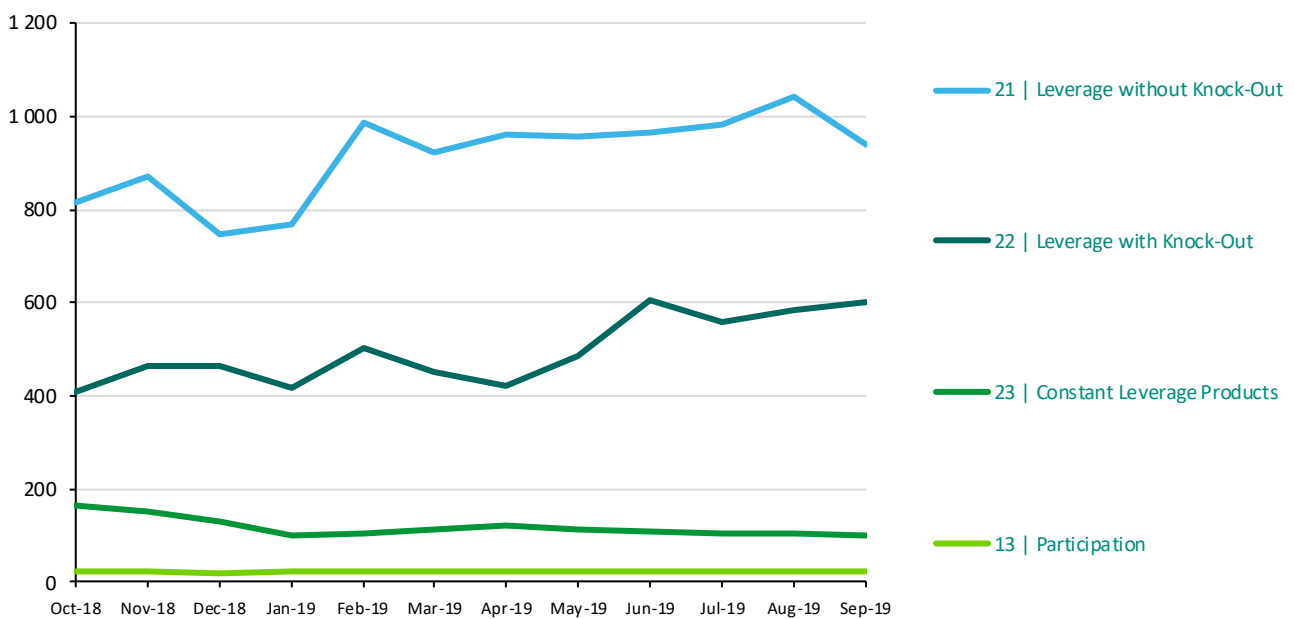
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

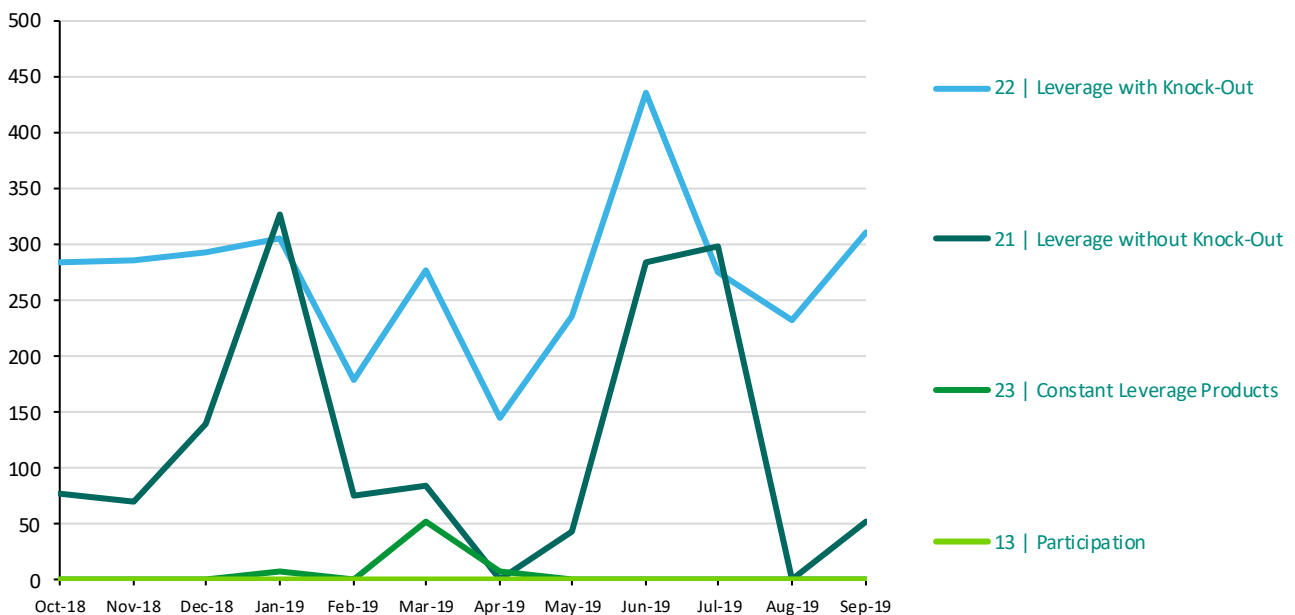
Product Trend: Number of Live Products

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

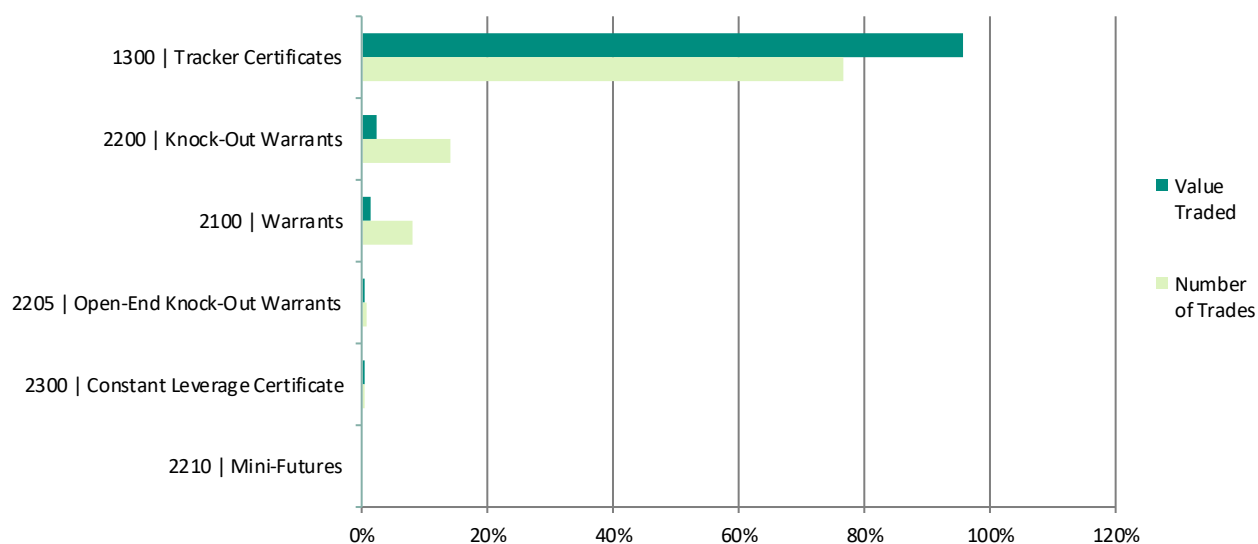
Market Overview

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	5,464	80%	36%	95.9%	285	44.8%	4.2%	76.8%
2200 Knock-Out Warrants	142	-38%	-39%	2.5%	53	-50%	-35%	14.2%
2100 Warrants	86	10.7%	7.6%	1.5%	30	-22%	-9.5%	8.2%
2205 Open-End Knock-Out Warrants	7	-58%	2.9%	0.1%	2.3	-4.9%	41%	0.6%
2300 Constant Leverage Certificate	1	-45%	-82%	0.0%	0.7	-54%	-51%	0.2%
2210 Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
Total	5,699	70.0%	30.9%	100%	371	7.5%	-5.1%	100%

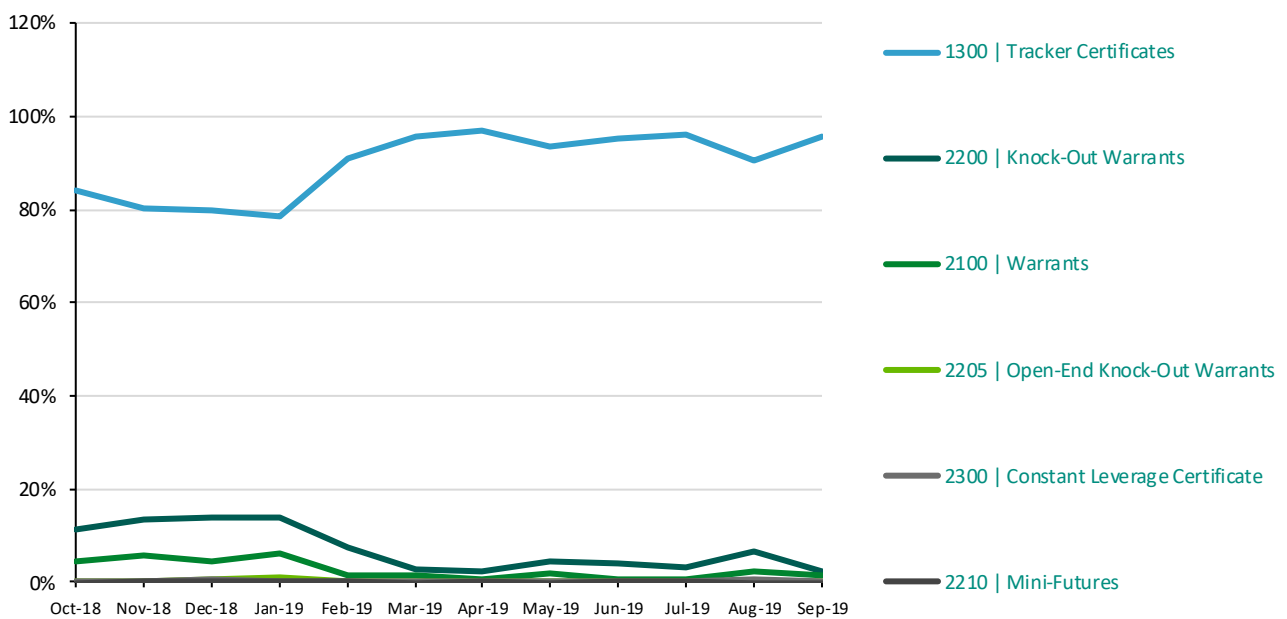
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

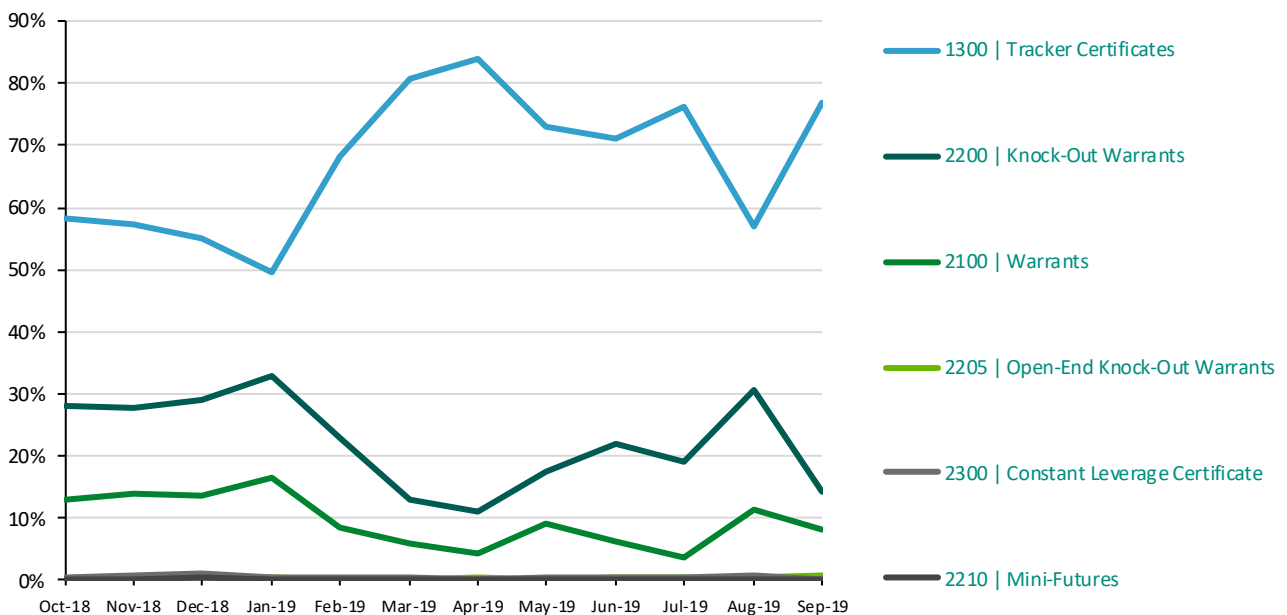
Market Trend: Value traded

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

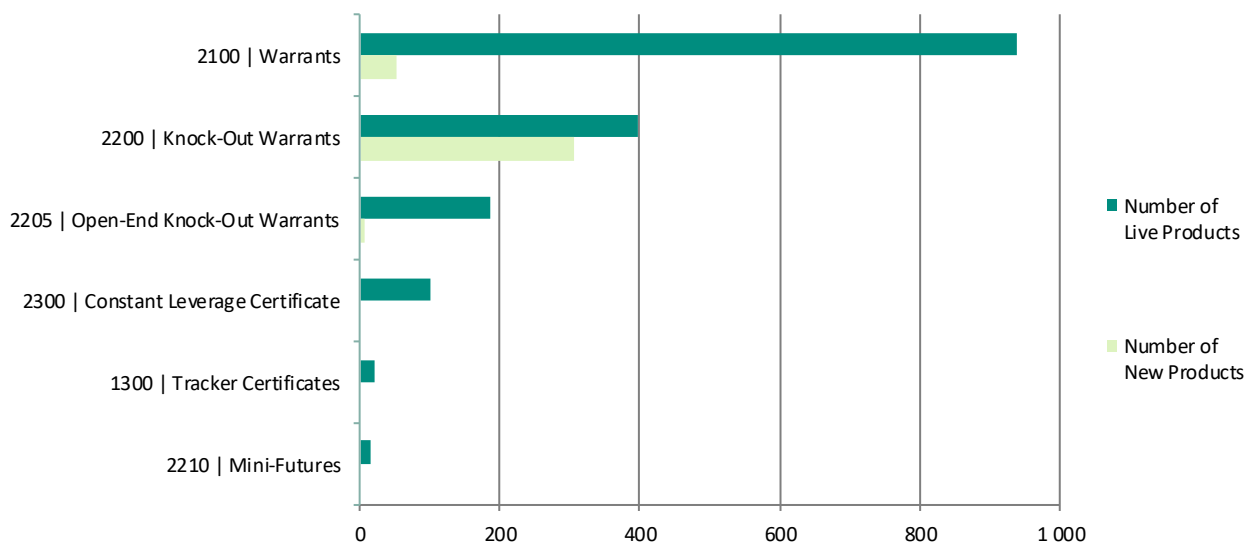
Product Overview

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	940	-9.7%	2.9%	56.5%	52		-57%	14.3%
2200 Knock-Out Warrants	398	7.1%	24%	23.9%	305	37%	29%	83.8%
2205 Open-End Knock-Out Warrants	187	-5.0%	21%	11.2%	7	-36%	-81%	1.9%
2300 Constant Leverage Certificate	101	-2.7%	-14.4%	6.1%	0		-100%	0.0%
1300 Tracker Certificates	22	0.4%	0.3%	1.3%	0			0.0%
2210 Mini-Futures	16	-6.6%	-23%	1.0%	0			0.0%
Total	1,663	-5.1%	7.3%	100%	364	56.2%	-8.8%	100%

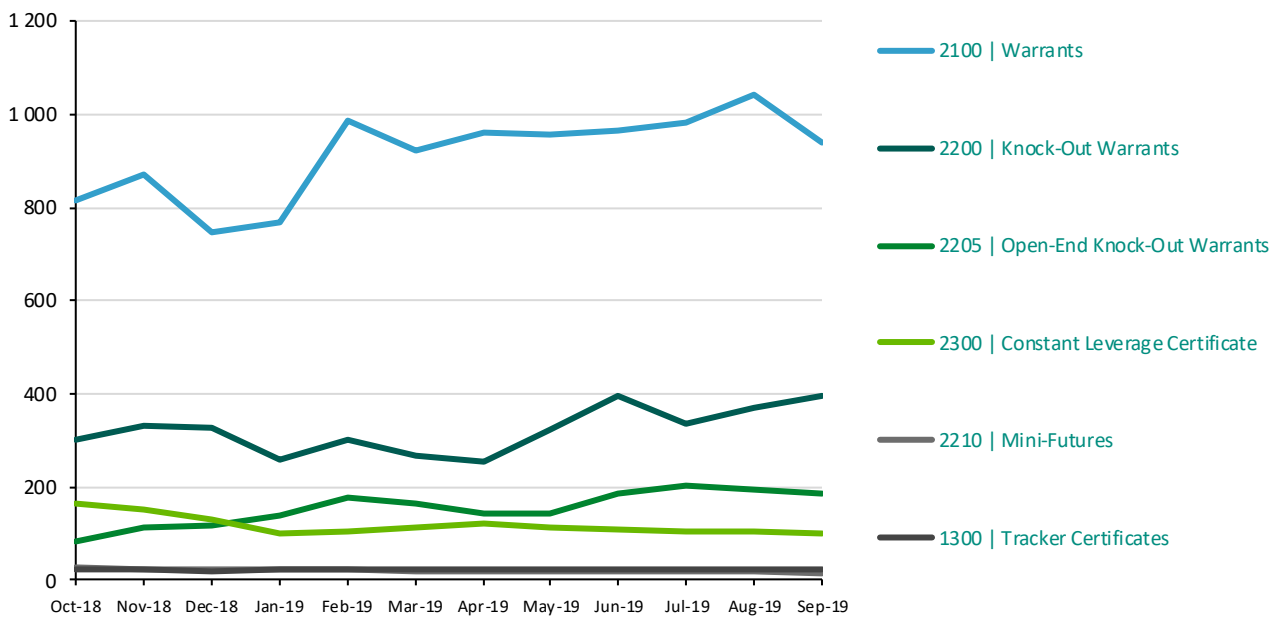
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

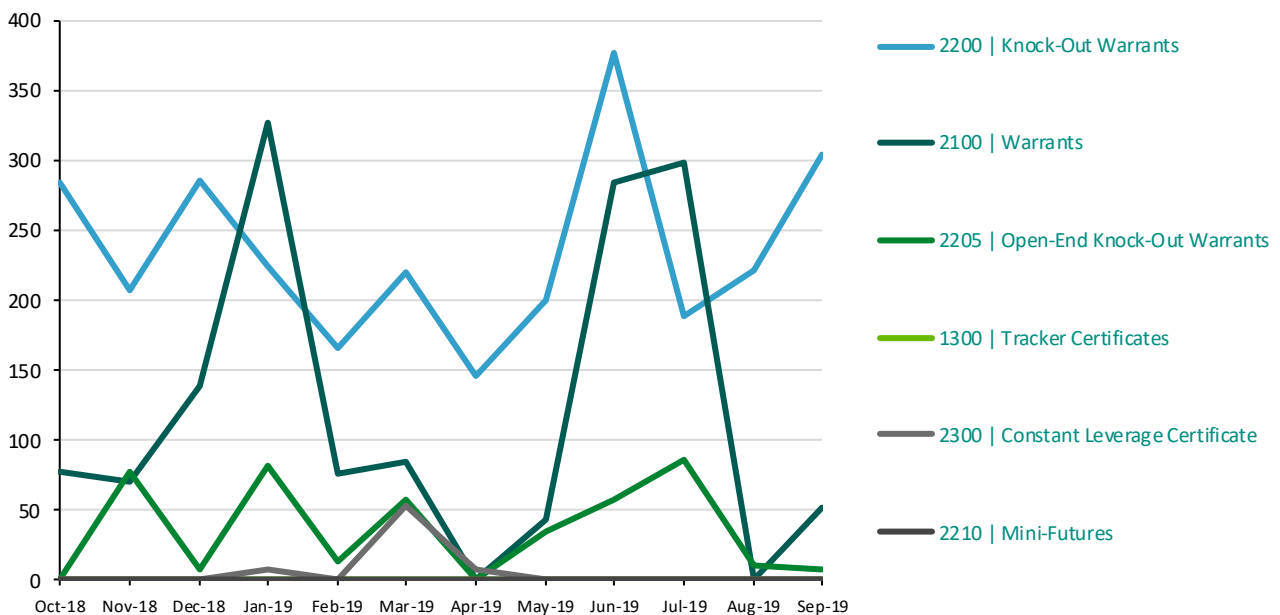
Product Trend: Number of Live Products

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

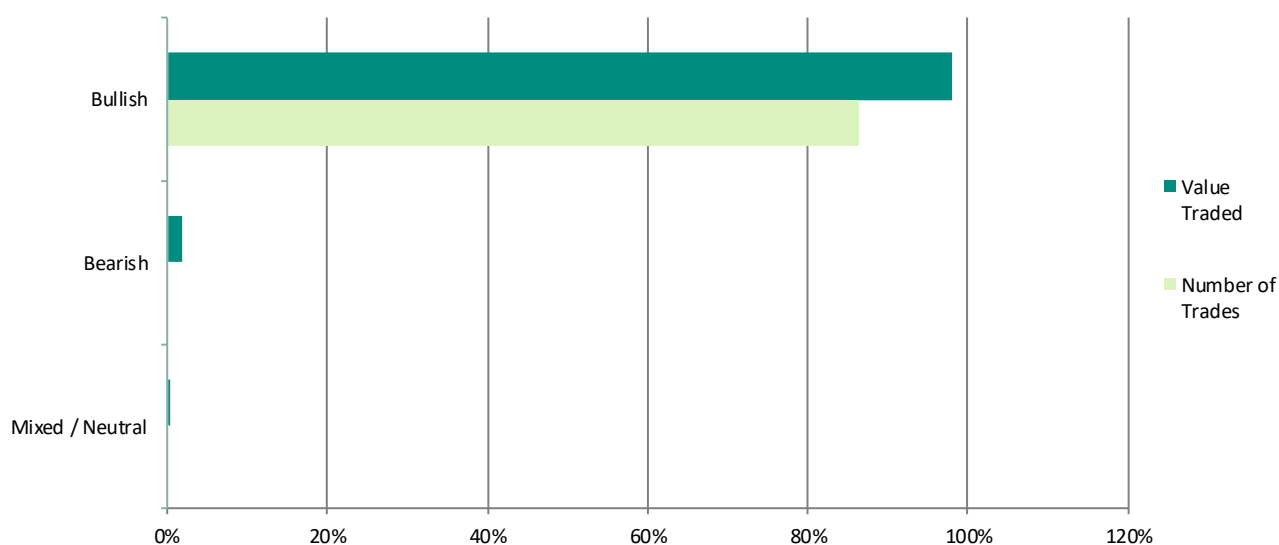
Market Overview

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	5,587	75%	33%	98.0%	320	16.2%	-4.3%	86.3%
Bearish	111	-18.2%	-26%	2.0%	0.0	-100%	-100%	0.0%
Mixed / Neutral	1	-95%	-85%	0.0%	0.0	-100%	-100%	0.0%
Total	5,699	70.0%	30.9%	100%	371	7.5%	-5.1%	100%

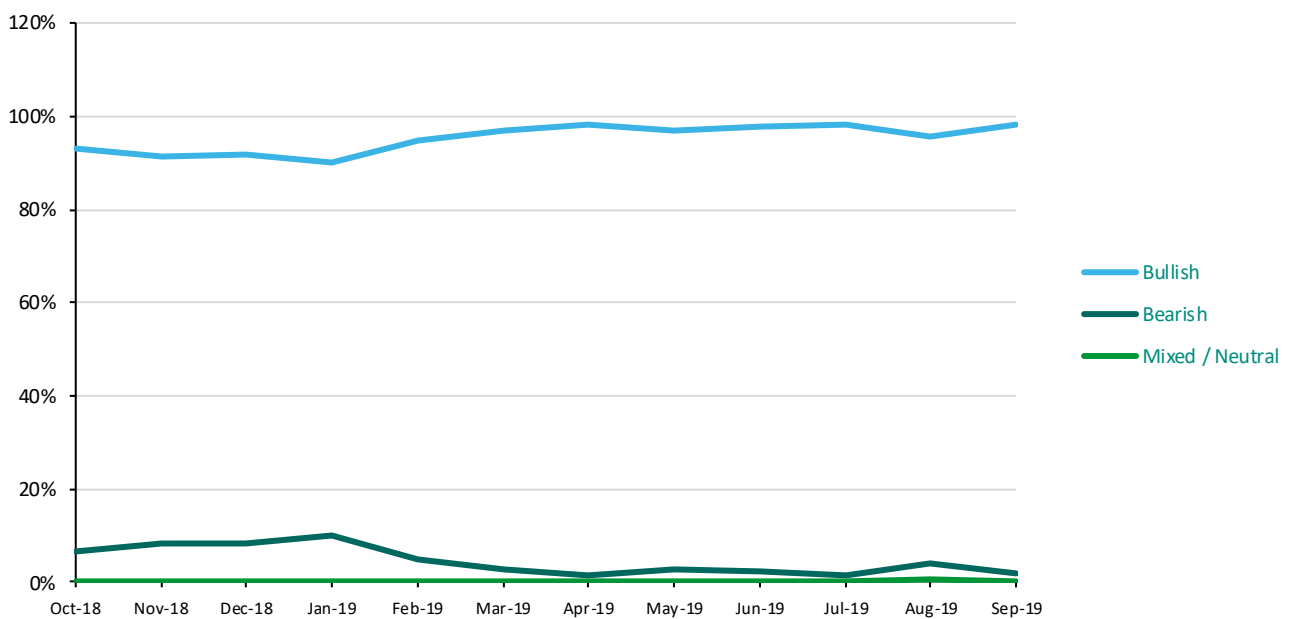
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PRODUCT STRATEGIES

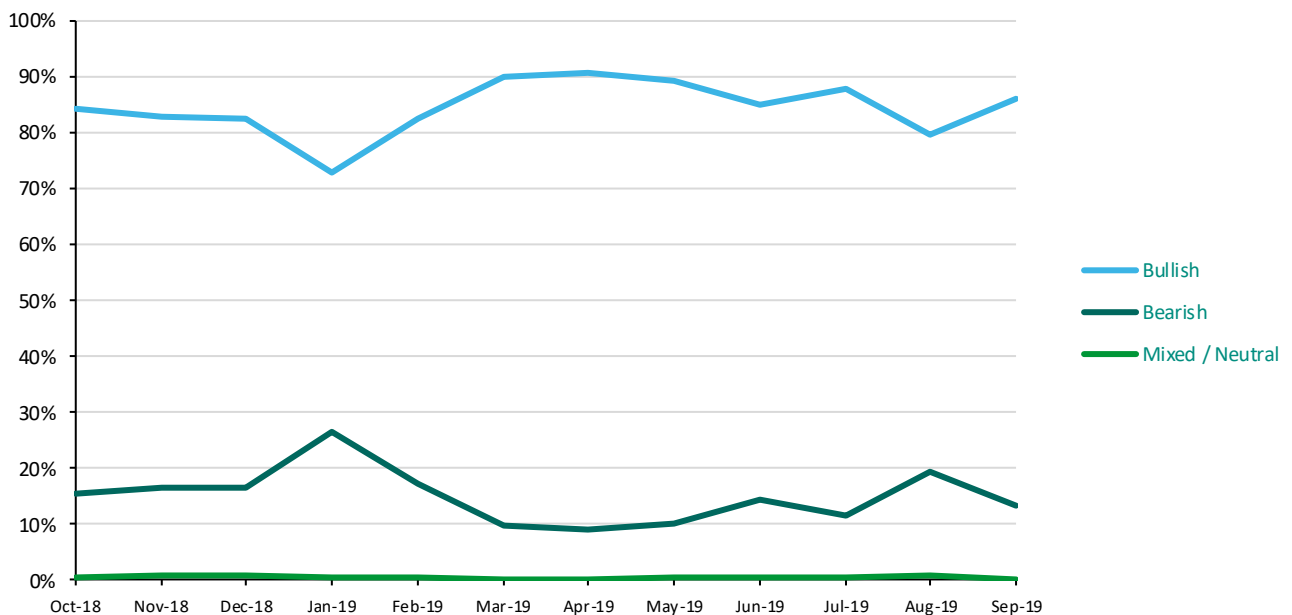
Market Trend: Value traded

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

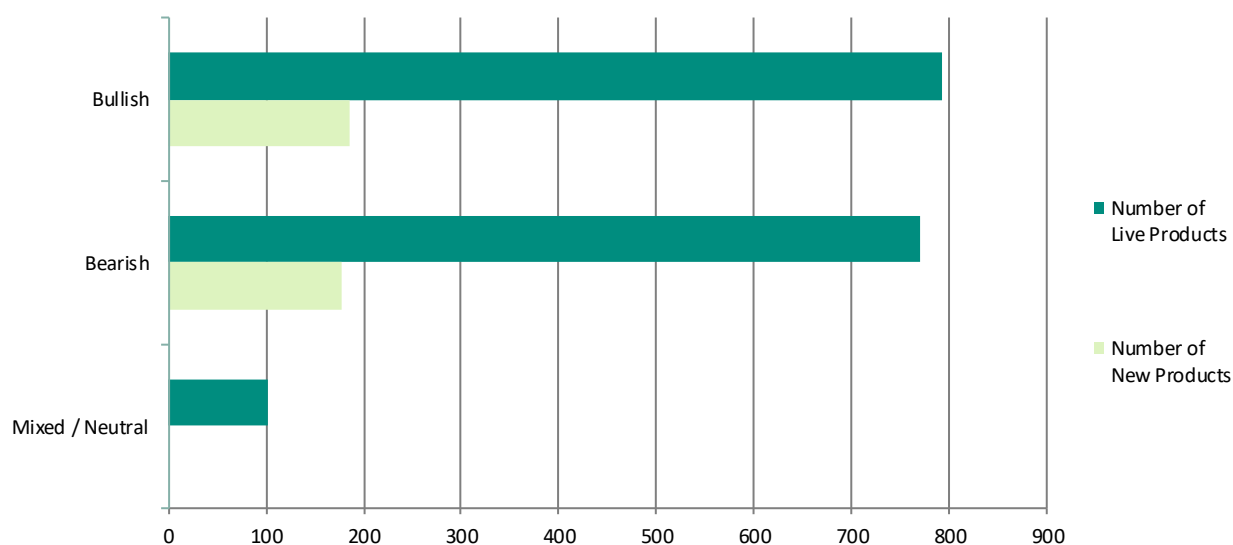
Product Overview

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	792	-3.7%	8.9%	47.6%	186	79%	-8.2%	51.1%
Bearish	770	-6.7%	7.4%	46.3%	178	38%	-6.6%	48.9%
Mixed / Neutral	101	-2.7%	-4.6%	6.1%	0		-100%	0.0%
Total	1,663	-5.1%	7.3%	100%	364	56.2%	-8.8%	100%

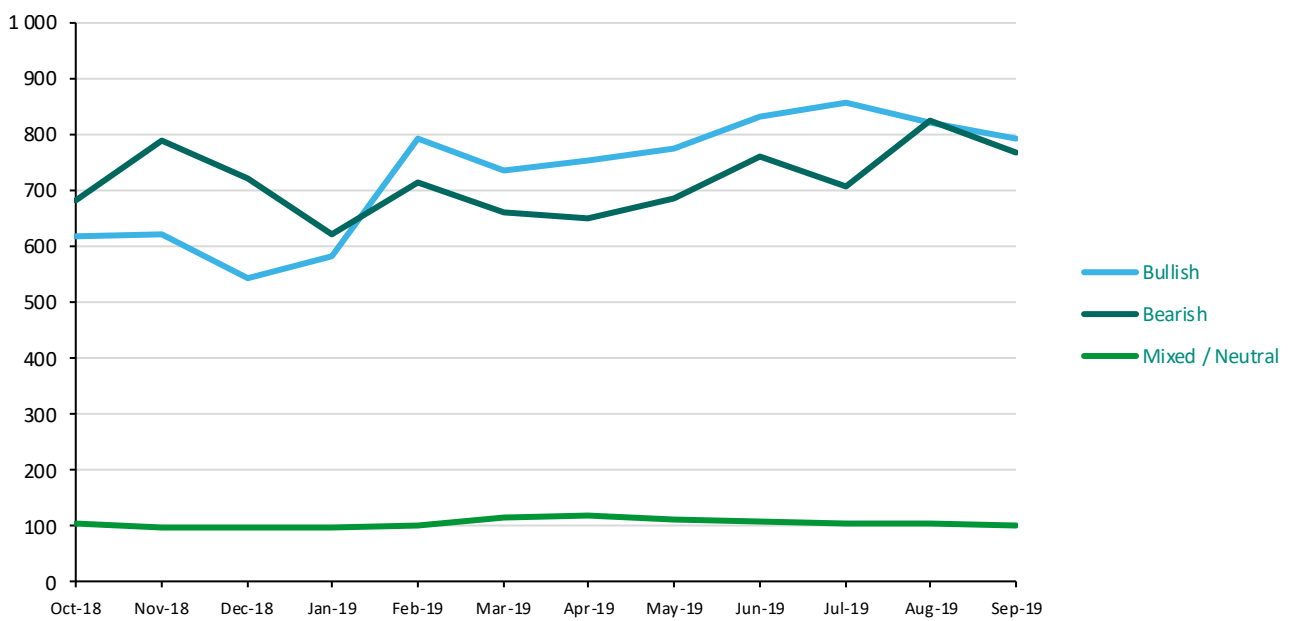
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PRODUCT STRATEGIES

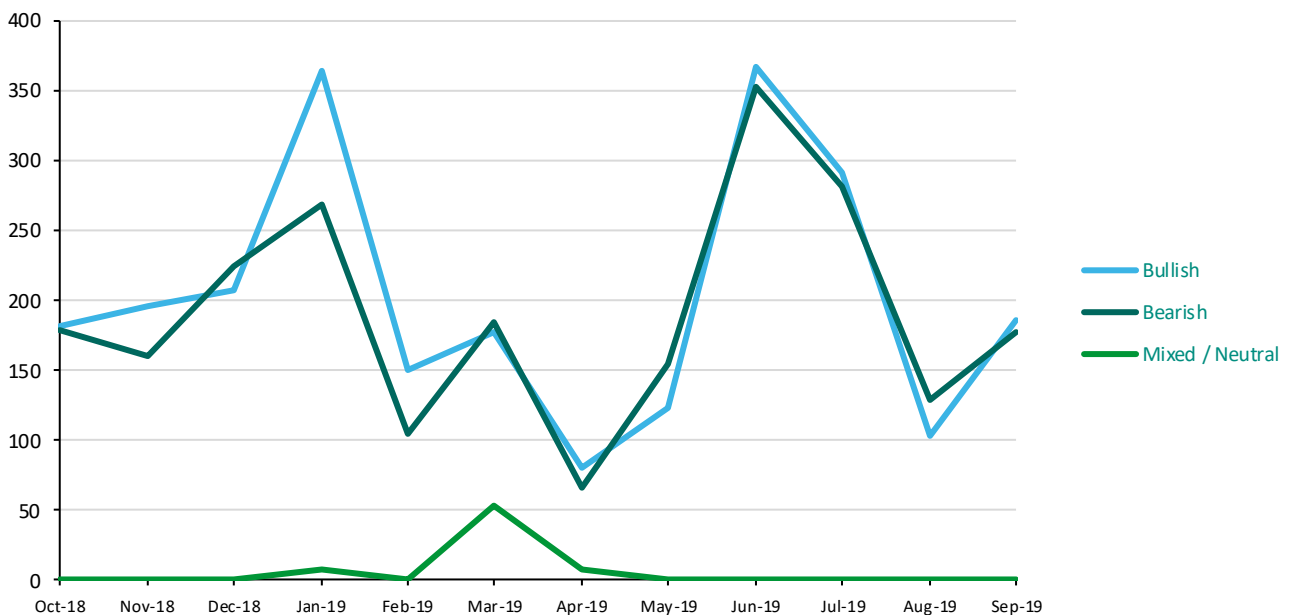
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

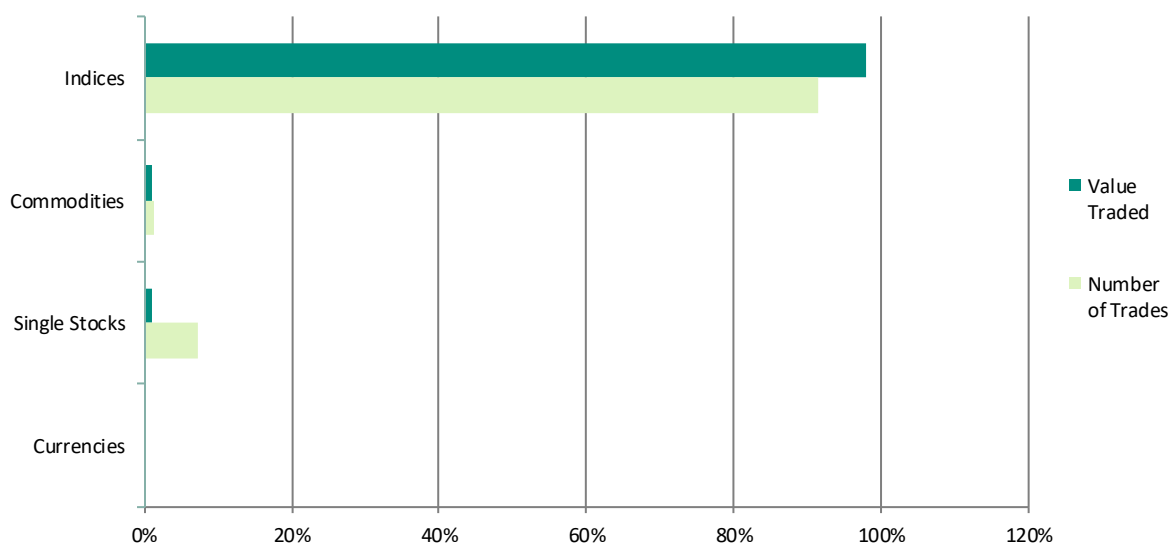
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	5,589	72%	33%	98.1%	340	9.0%	-4.8%	91.6%
Commodities	58	-2.6%	-41%	1.0%	4.4	-9.1%	-84.7%	1.2%
Single Stocks	52	1.1%	5.0%	0.9%	27	-3.7%	499.1%	7.2%
Currencies	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	5,699	70.0%	30.9%	100%	371	7.5%	-5.1%	100%

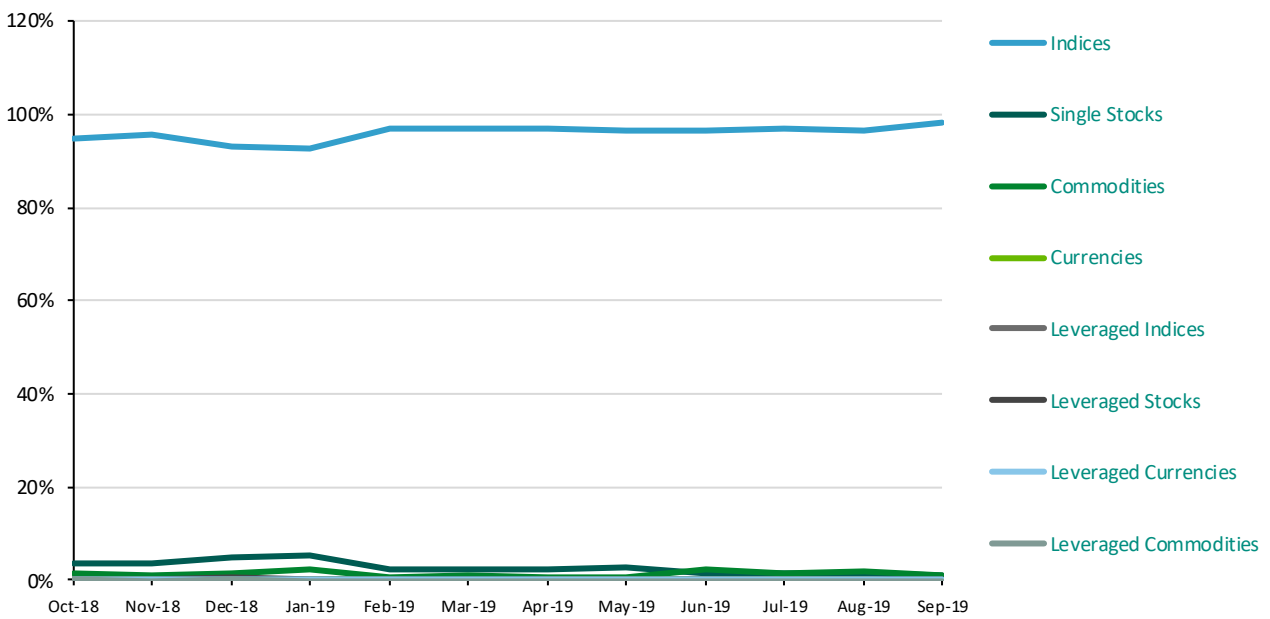
(Source Euronext)



UNDERLYING TYPES

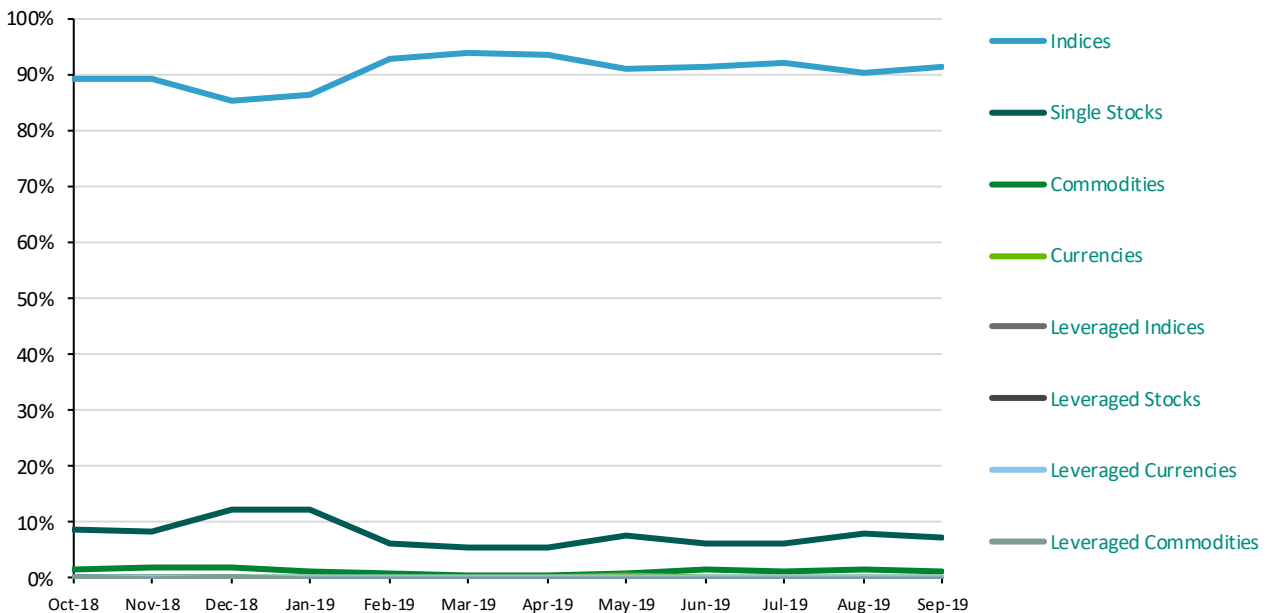
Market Trend: Value traded

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

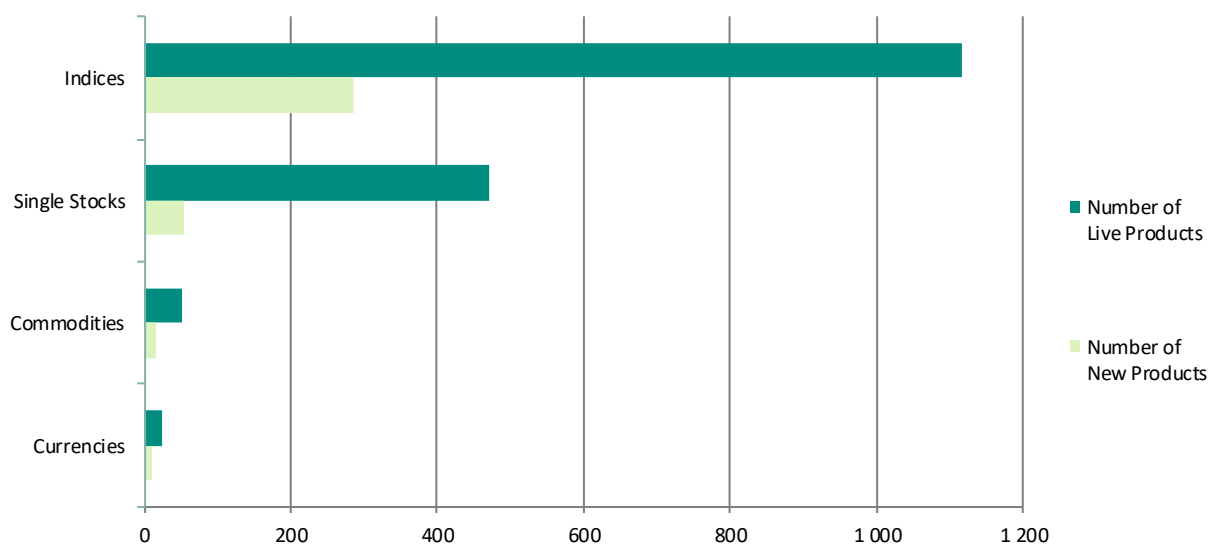
Product Overview

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	1,117	-2.9%	11.8%	67.1%	286	39%	-3.6%	78.6%
Single Stocks	471	-9.4%	2.5%	28.3%	54	157%	-38%	14.8%
Commodities	51	-10.7%	-5.3%	3.1%	15	150%	48%	4.1%
Currencies	25	-2.4%	-4.4%	1.5%	9		77%	2.5%
Total	1,663	-5.1%	7.3%	100%	364	56.2%	-8.8%	100%

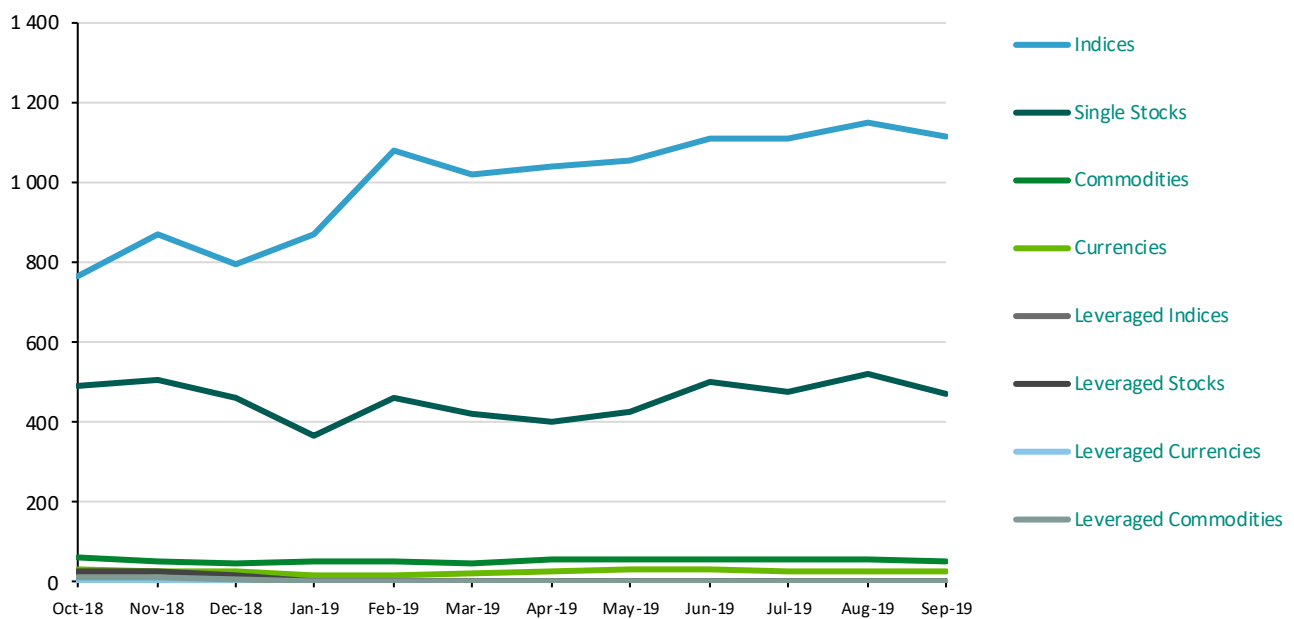
(Source Euronext)



UNDERLYING TYPES

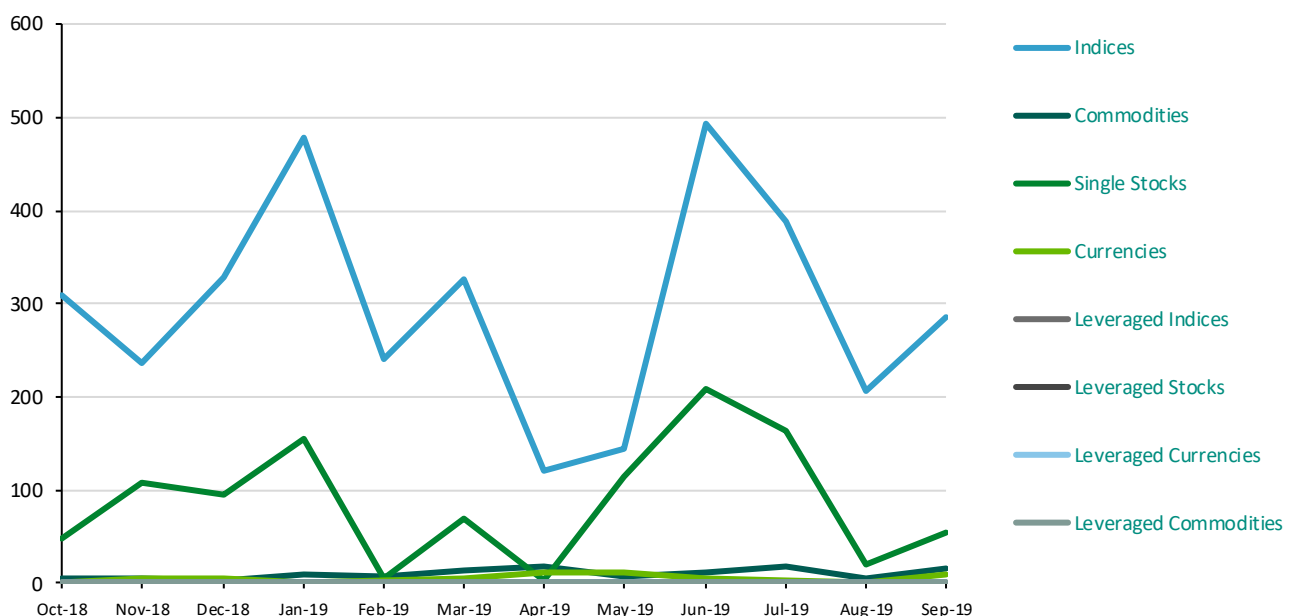
Product Trend: Number of Live Products

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

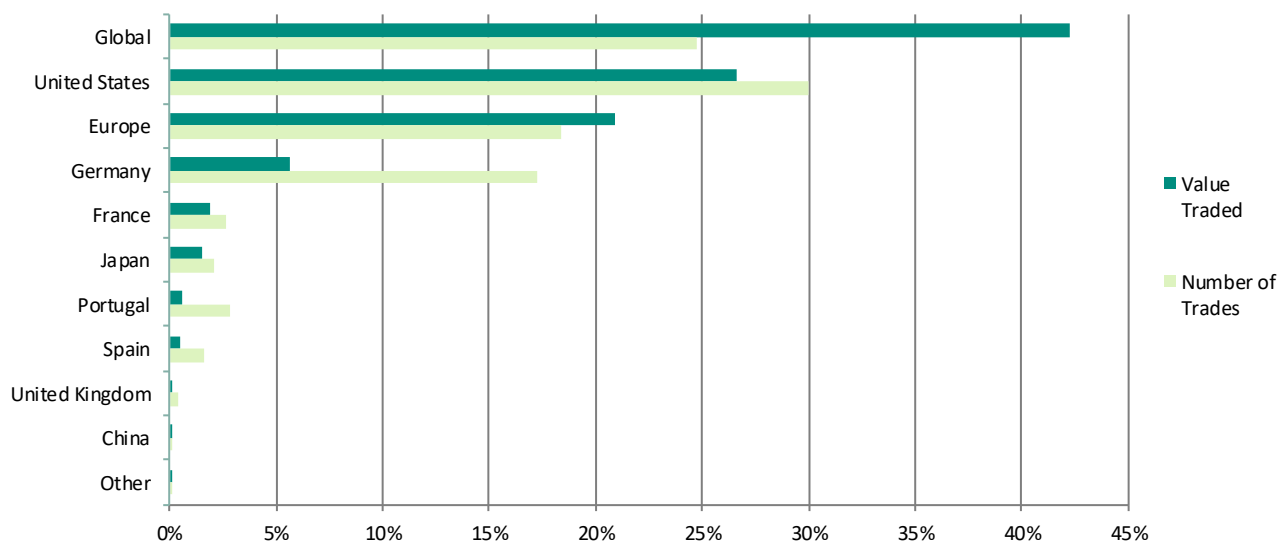
Market Overview

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	2,408	79%	62%	42.3%	92	46.4%	-30.8%	24.7%
United States	1,517	53%	5.8%	26.6%	111	0.3%	55%	30.0%
Europe	1,193	124%	49%	20.9%	68	59%	13.8%	18.4%
Germany	320	-7.7%	-12.1%	5.6%	64	-37%	-26%	17.3%
France	107	123%	29%	1.9%	9.6	72%	-6.1%	2.6%
Japan	88	140%	12.9%	1.6%	7.8	15.3%	-18.2%	2.1%
Portugal	35	12.8%	-47%	0.6%	10	21%	-20%	2.8%
Spain	25	41%	-12.6%	0.4%	5.9	33%	6.3%	1.6%
United Kingdom	4	10.9%	-58%	0.1%	1.3	8.6%	-7.6%	0.4%
China	1	7.9%	151%	0.0%	0.1	4.8%	82%	0.0%
Other	0	NA	100%	0.0%	0.1	NA	58%	0.0%
Total	5,699	70.0%	30.9%	100%	371	7.5%	-5.1%	100%

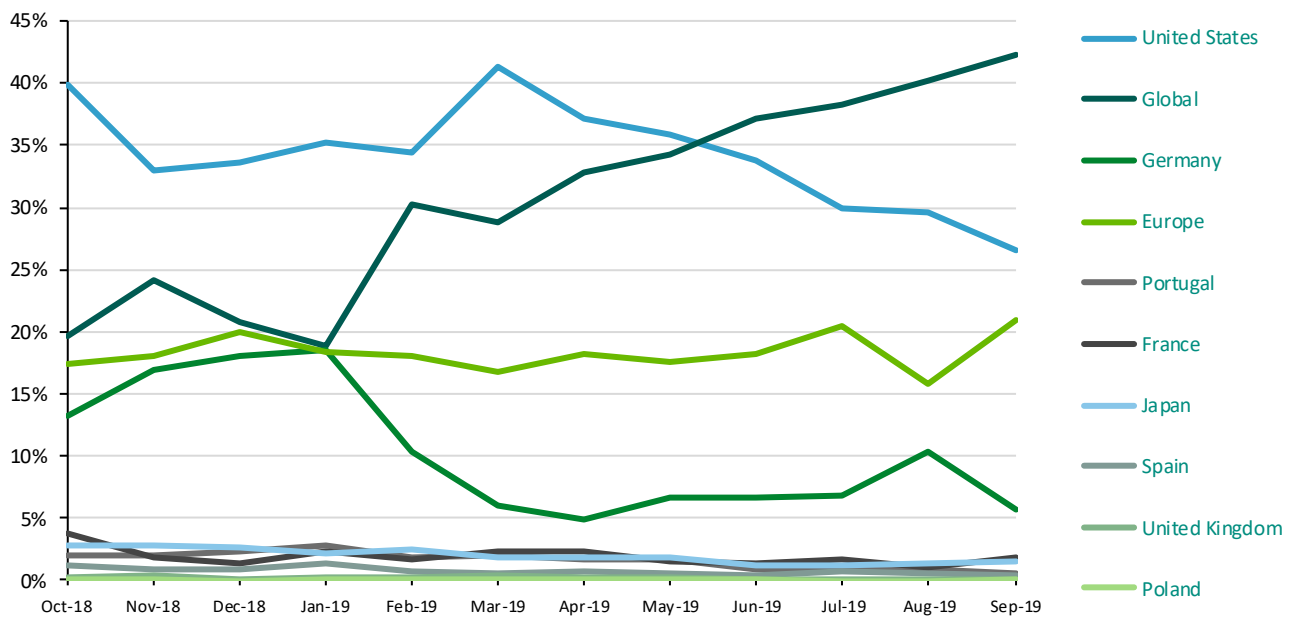
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

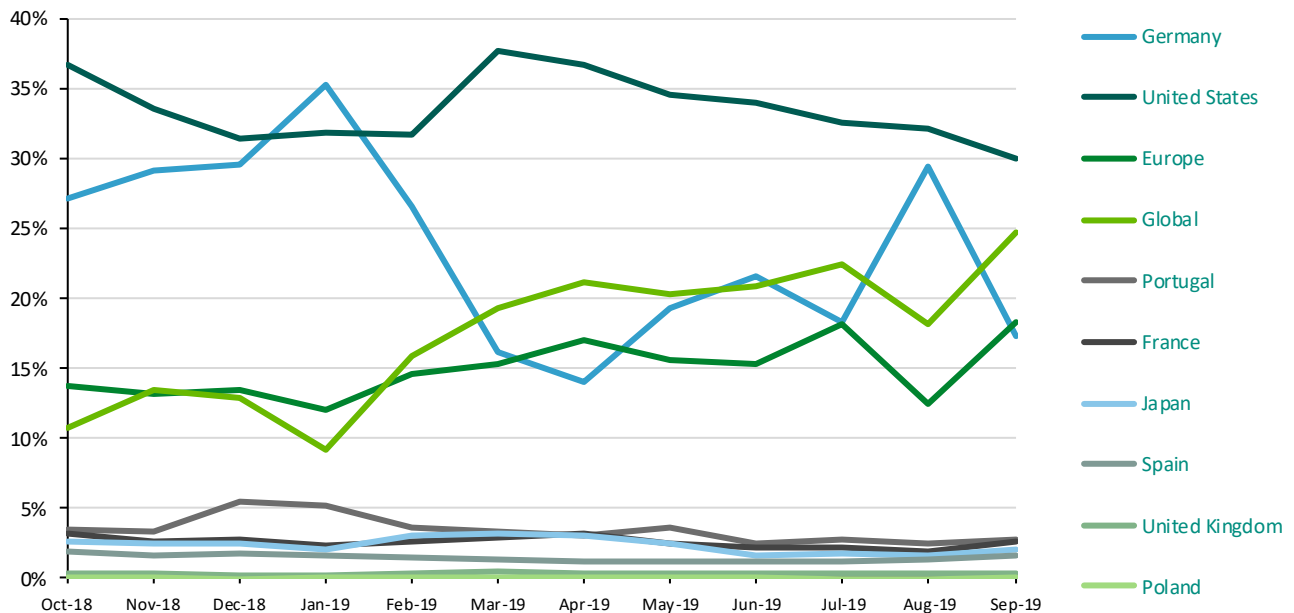
Market Trend: Value traded

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

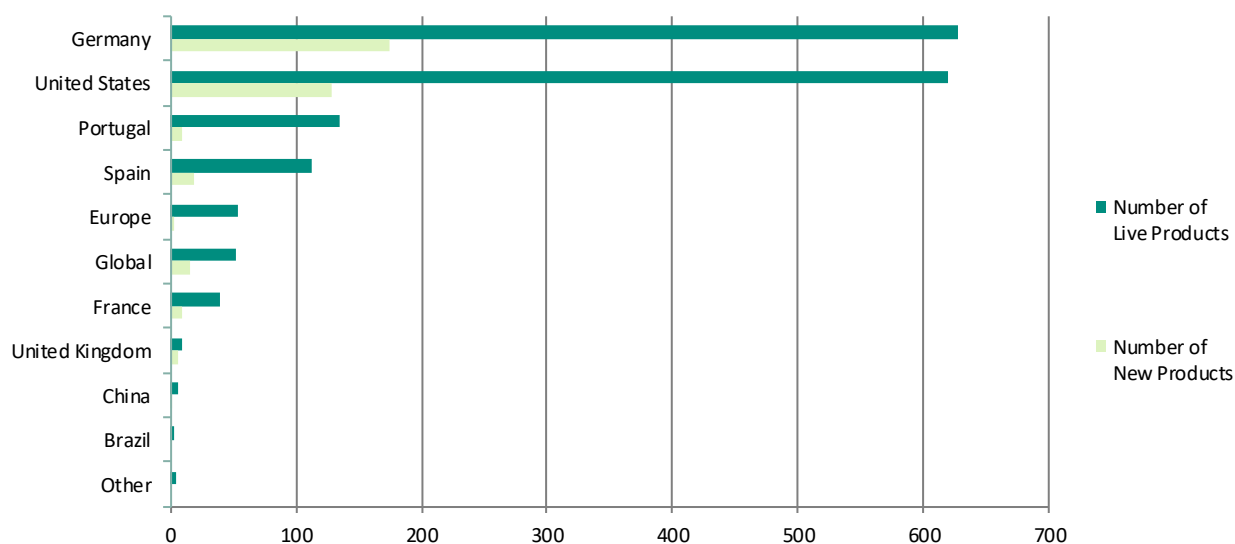
Product Overview

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	628	-5.7%	12.1%	37.7%	174	98%	15.7%	47.8%
United States	619	-3.8%	12.8%	37.2%	129	33%	-25%	35.4%
Portugal	135	-3.7%	-16.6%	8.1%	9	12.5%	-54%	2.5%
Spain	113	-8.5%	-4.8%	6.8%	19	0.0%	-27%	5.2%
Europe	54	-4.9%	50%	3.2%	2		-70%	0.5%
Global	52	-10.6%	-8.2%	3.1%	15	150%	50%	4.1%
France	40	-0.8%	-16.0%	2.4%	9	-18.2%	4.9%	2.5%
United Kingdom	10	-6.4%	11.7%	0.6%	6	500%	125%	1.6%
China	6	35%	458%	0.4%	1	-67%	20.0%	0.3%
Brazil	2	-48%	-68%	0.1%	0		-100%	0.0%
Other	4	-8.3%	3.7%	0.2%	0			0.0%
Total	1,663	-5.1%	7.3%	100%	364	56.2%	-8.8%	100%

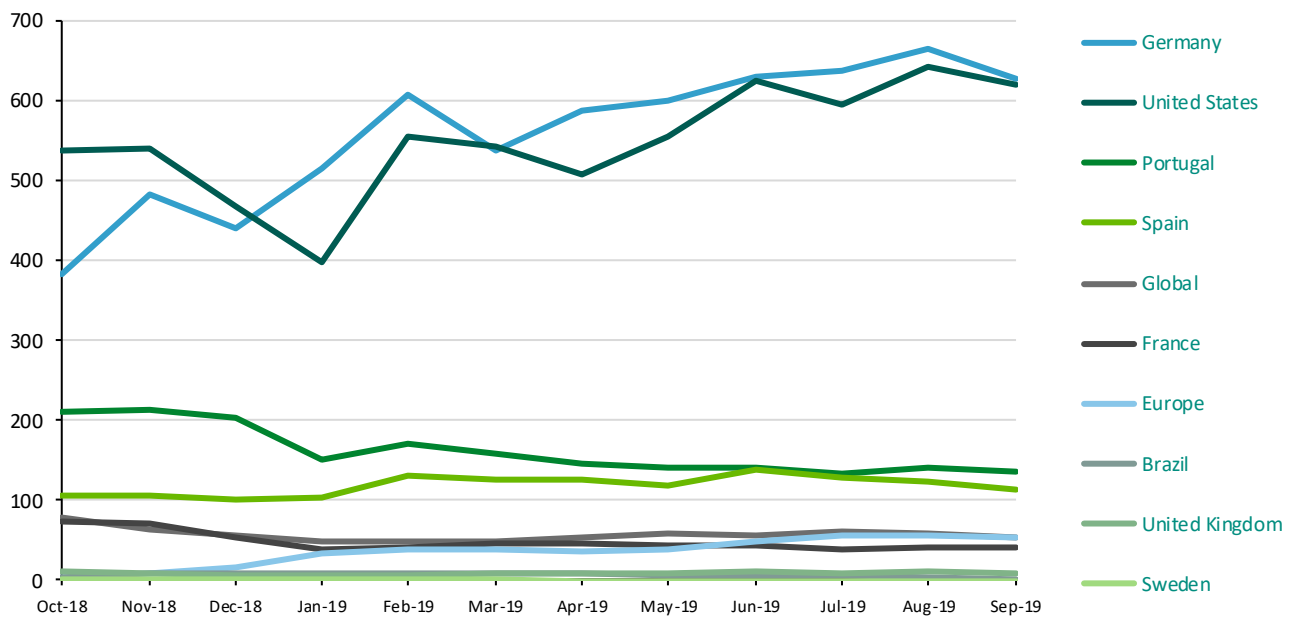
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

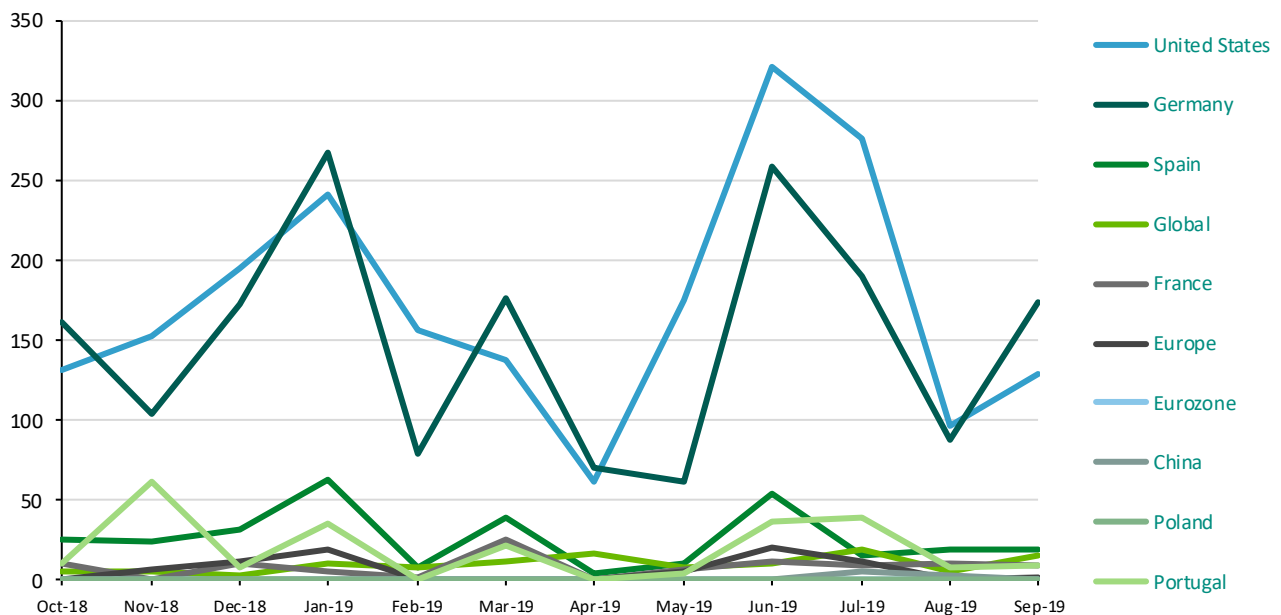
Product Trend: Number of Live Products

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

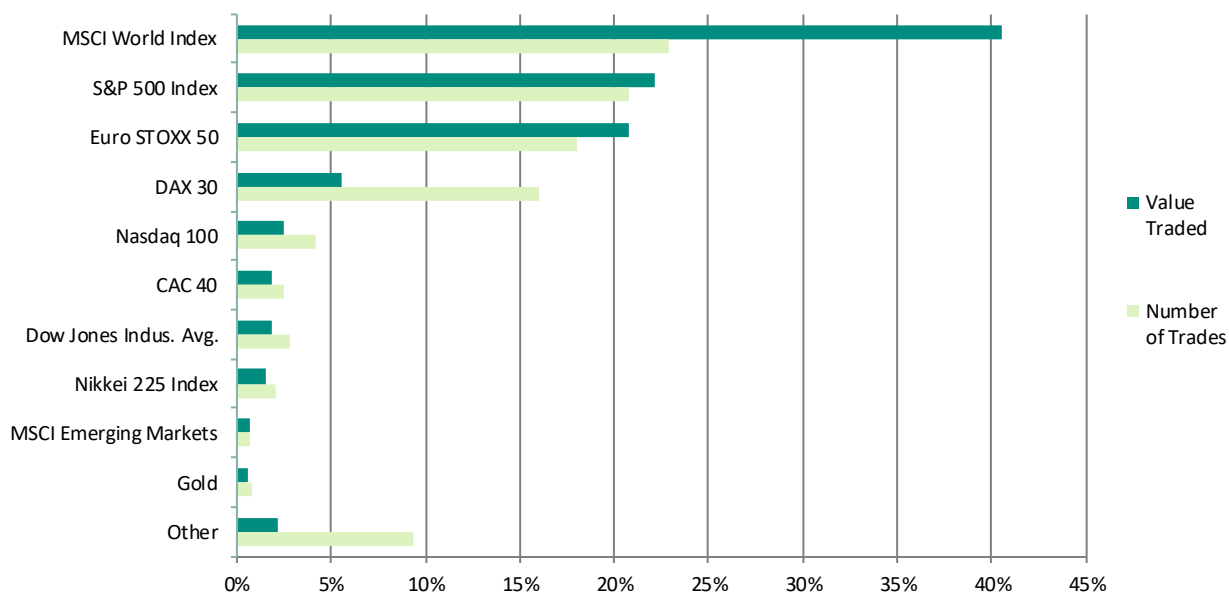
Market Overview

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	2,309	84%	72%	40.5%	85	52.5%	37.2%	22.8%
S&P 500 Index	1,264	59%	7.8%	22.2%	77	28%	-6.5%	20.7%
Euro STOXX 50	1,181	124%	49%	20.7%	67	58%	14.1%	18.0%
DAX 30	317	-8.1%	-10.4%	5.6%	59	-39%	-28%	16.0%
Nasdaq 100	139	31%	-11.4%	2.4%	16	-38%	-37%	4.2%
CAC 40	107	54%	-19.1%	1.9%	9.1	-28%	-37%	2.5%
Dow Jones Indus. Avg.	102	114%	24%	1.8%	10	85%	3.7%	2.8%
Nikkei 225 Index	88	104%	12.9%	1.6%	7.8	107%	-18.2%	2.1%
MSCI Emerging Markets	36	-2.1%	-32%	0.6%	2.6	-53%	-70%	0.7%
Gold	32	11.6%	-14.8%	0.6%	3.0	-47%	-42%	0.8%
Other	124	30%	-17.4%	2.2%	35	10.7%	3.8%	9.3%
Total	5,699	70.0%	30.9%	100%	371	7.5%	-5.1%	100%

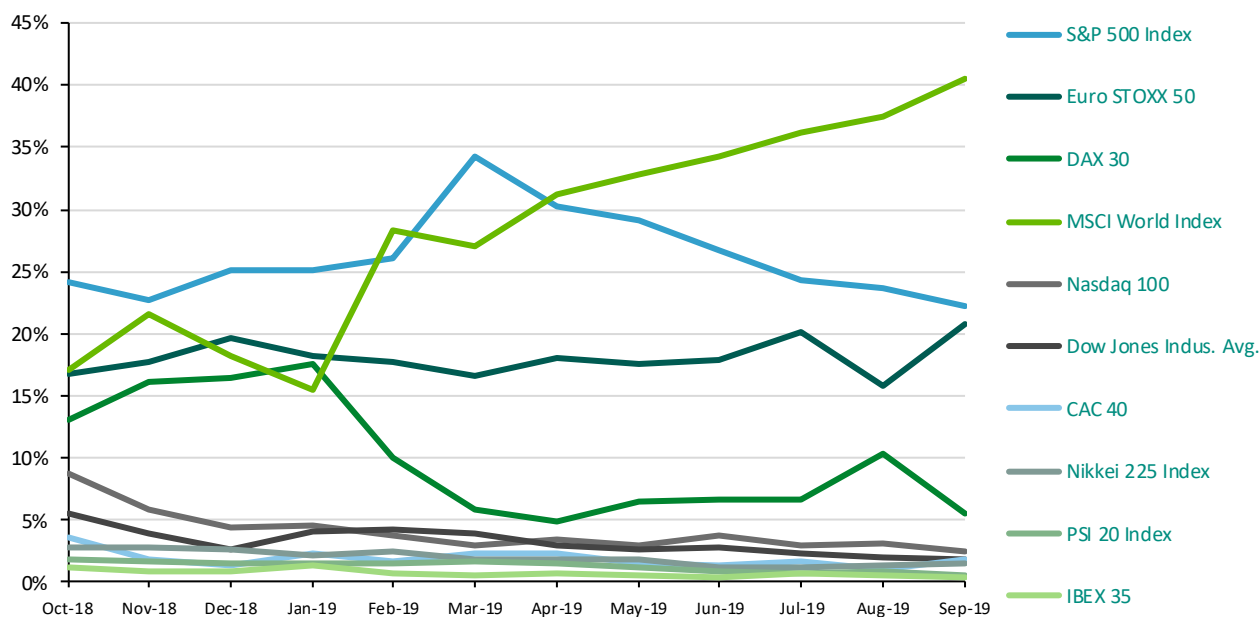
(Source Euronext)



TOP 10 UNDERLYINGS

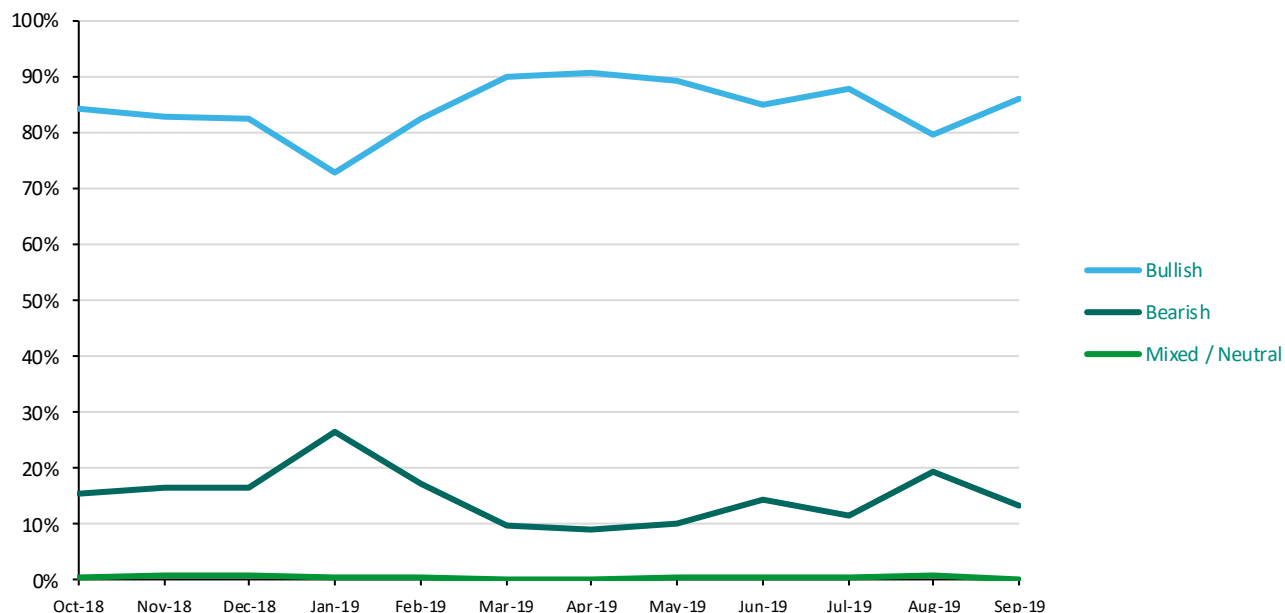
Market Trend: Value traded

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

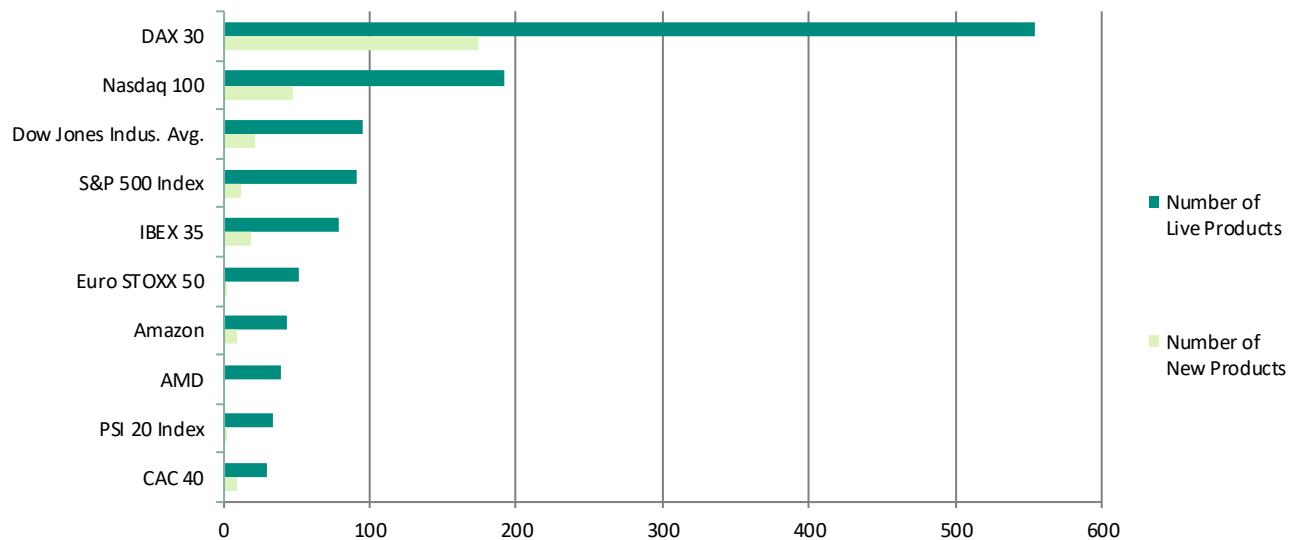
Product Overview

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	554	-5.5%	12.1%	33.3%	174	98%	23%	47.8%
Nasdaq 100	193	1.7%	11.7%	11.6%	48	-12.7%	-34%	13.2%
Dow Jones Indus. Avg.	95	0.9%	24%	5.7%	22	-8.3%	-14.6%	6.0%
S&P 500 Index	91	1.9%	10.8%	5.5%	12	33%	-40%	3.3%
IBEX 35	78	-6.7%	-6.8%	4.7%	19	0.0%	-12.6%	5.2%
Euro STOXX 50	51	-5.2%	54%	3.1%	2		-70%	0.5%
Amazon	43	-13.6%	4.9%	2.6%	9	200%	-27%	2.5%
AMD	39	-5.5%	74%	2.4%	0		-100%	0.0%
PSI 20 Index	33	-4.0%	-17.1%	2.0%	3		-50%	0.8%
CAC 40	29	9.0%	-9.2%	1.8%	9	-18.2%	33%	2.5%
Other	457	-9.1%	-3.3%	27.5%	66			18.1%
Total	1,663	-5.1%	7.3%	100%	364	56.2%	-8.8%	100%

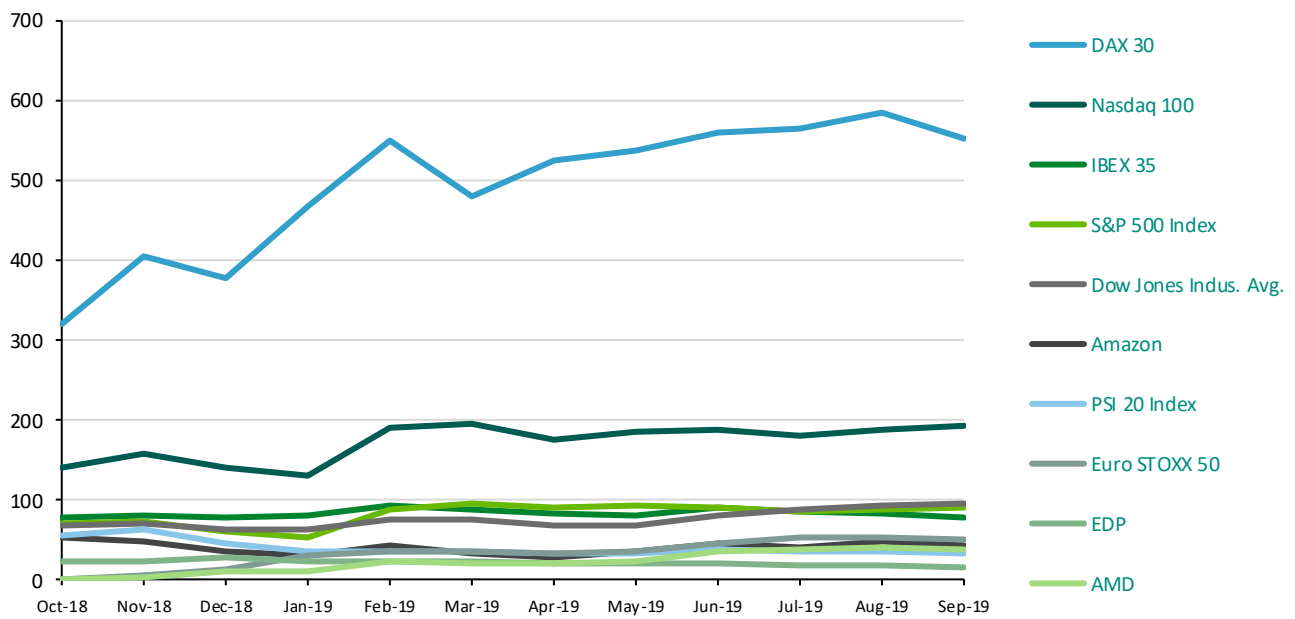
(Source Euronext)



TOP 10 UNDERLYINGS

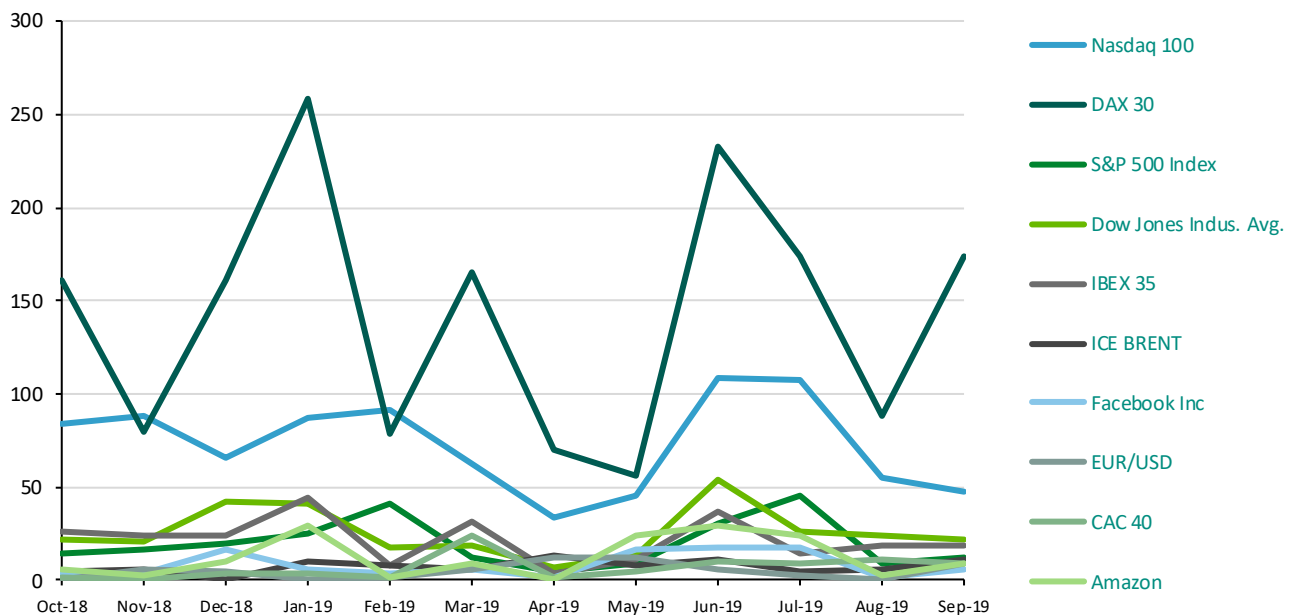
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	55,345	2,444
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	24,496	1,448
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	23,192	1,864
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	10,153	904
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	5,174	420
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	3,433	214
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	2,216	248
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	2,103	246
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	1,571	208
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	1,568	132
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	1,256	234
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	1,178	98
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	757	124
DE000CP1CS12	Citi	2100	Warrants	DAX 30	489	42
DE000CU1PZ67	Commerzbank	2200	Knock-Out Warrants	DAX 30	471	148
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	467	16
DE000CU1PZ83	Commerzbank	2200	Knock-Out Warrants	DAX 30	399	104
DE000CP6NWR6	Citi	2200	Knock-Out Warrants	DAX 30	372	118
DE000CU1QR09	Commerzbank	2200	Knock-Out Warrants	DAX 30	367	342
DE000CU1QSE9	Commerzbank	2200	Knock-Out Warrants	DAX 30	354	136
DE000CP1CQZ5	Citi	2100	Warrants	DAX 30	346	24
DE000CJ36N83	Commerzbank	2300	Constant Leverage Certificate	Gold	340	34
DE000CU1PZ91	Commerzbank	2200	Knock-Out Warrants	DAX 30	312	106
DE000CJ35Z7	Commerzbank	2100	Warrants	DAX 30	298	44
DE000CU1QQ91	Commerzbank	2200	Knock-Out Warrants	DAX 30	296	54
DE000CP6NML0	Citi	2200	Knock-Out Warrants	Amazon	276	154
DE000CU1PYP5	Commerzbank	2200	Knock-Out Warrants	DAX 30	267	136
DE000CU1QQ75	Commerzbank	2200	Knock-Out Warrants	DAX 30	264	142
DE000CJ35ZY5	Commerzbank	2100	Warrants	DAX 30	246	38
DE000CU1PZ59	Commerzbank	2200	Knock-Out Warrants	DAX 30	245	48
DE000CP6NX41	Citi	2200	Knock-Out Warrants	DAX 30	239	46
DE000CU1QTL2	Commerzbank	2200	Knock-Out Warrants	DAX 30	215	52
DE000CU1QRQ5	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	203	12
DE000CU1QRCS	Commerzbank	2200	Knock-Out Warrants	DAX 30	198	174
DE000CU1P0E2	Commerzbank	2200	Knock-Out Warrants	DAX 30	183	52
DE000CU1QR33	Commerzbank	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	176	64
DE000CU1QRP7	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	176	16
DE000CU1PYJ8	Commerzbank	2200	Knock-Out Warrants	DAX 30	168	50
DE000CU1PYM2	Commerzbank	2200	Knock-Out Warrants	DAX 30	162	56
DE000CJ350D1	Commerzbank	2100	Warrants	DAX 30	155	16
DE000CU1PYK6	Commerzbank	2200	Knock-Out Warrants	DAX 30	153	64
DE000CU1QDQ5	Commerzbank	2200	Knock-Out Warrants	DAX 30	149	52
DE000CU1QQ34	Commerzbank	2200	Knock-Out Warrants	DAX 30	147	64
DE000CJ36AK5	Commerzbank	2100	Warrants	Nasdaq 100	139	46
DE000CJ36PA4	Commerzbank	2300	Constant Leverage Certificate	Silver	138	6
DE000CU1P0S2	Commerzbank	2200	Knock-Out Warrants	DAX 30	134	32
DE000CJ36QB0	Commerzbank	2300	Constant Leverage Certificate	Nasdaq 100 Mini	132	2
PTBCSZYE0010	BCP	1300	Tracker Certificates	FTSE EPRA/NAREIT Euro Zone II	129	2
DE000CP6NW67	Citi	2200	Knock-Out Warrants	DAX 30	124	22
DE000CU1QTM0	Commerzbank	2200	Knock-Out Warrants	DAX 30	115	56

(Source Euronext)



Euronext Paris

ISSUERS

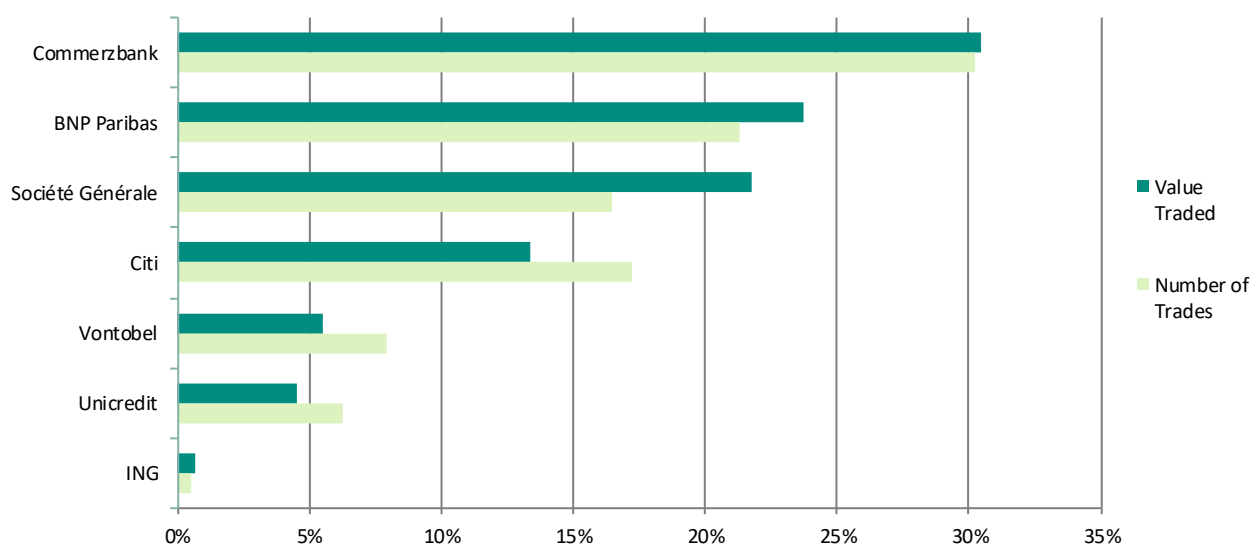
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commerzbank	3,526	-19.8%	-9.4%	30.5%	1,482	-10.4%	-5.4%	30.2%
BNP Paribas	2,742	-18.6%	-22%	23.7%	1,044	-3.6%	0.3%	21.3%
Société Générale	2,519	-24%	-12.4%	21.8%	809	-36.0%	-16.2%	16.5%
Citi	1,545	-36%	-1.4%	13.4%	845	-22.8%	18.2%	17.2%
Vontobel	633	-21%	-22%	5.5%	390	-26.3%	-3.6%	8.0%
Unicredit	522	-5.7%	34%	4.5%	309	-12.9%	26.1%	6.3%
ING	79	10.9%	22%	0.7%	25	-4.9%	-4.4%	0.5%
Total	11,567	-22.5%	-11.8%	100%	4,904	-18.3%	-1.2%	100%

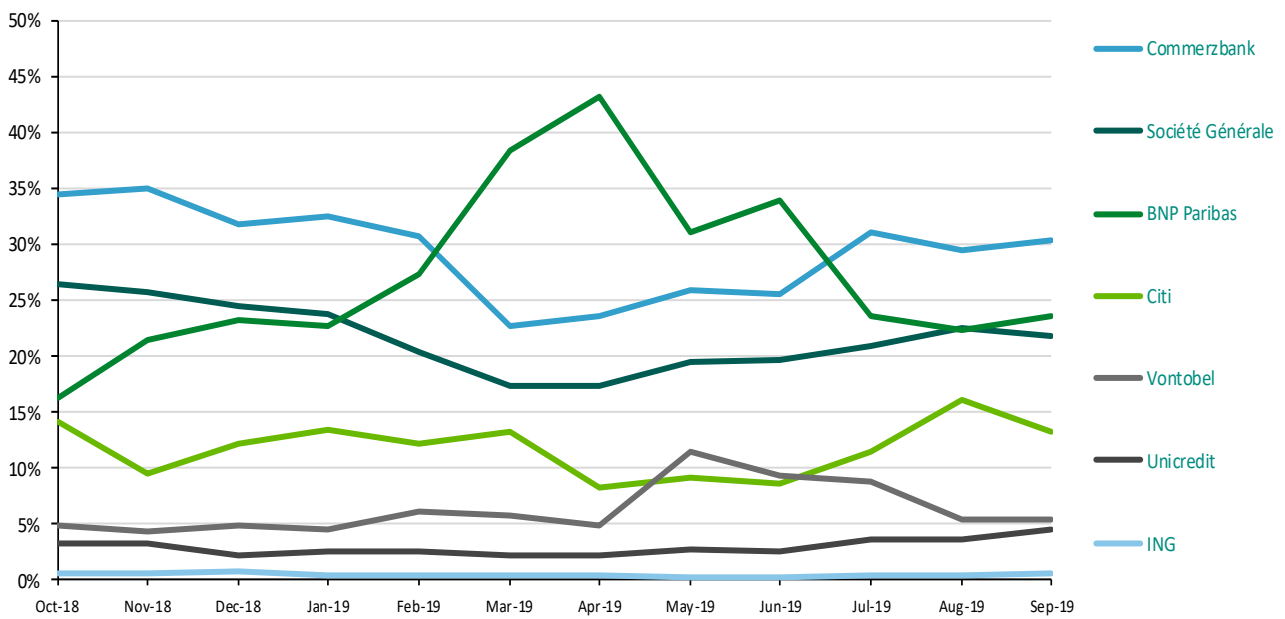
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ISSUERS

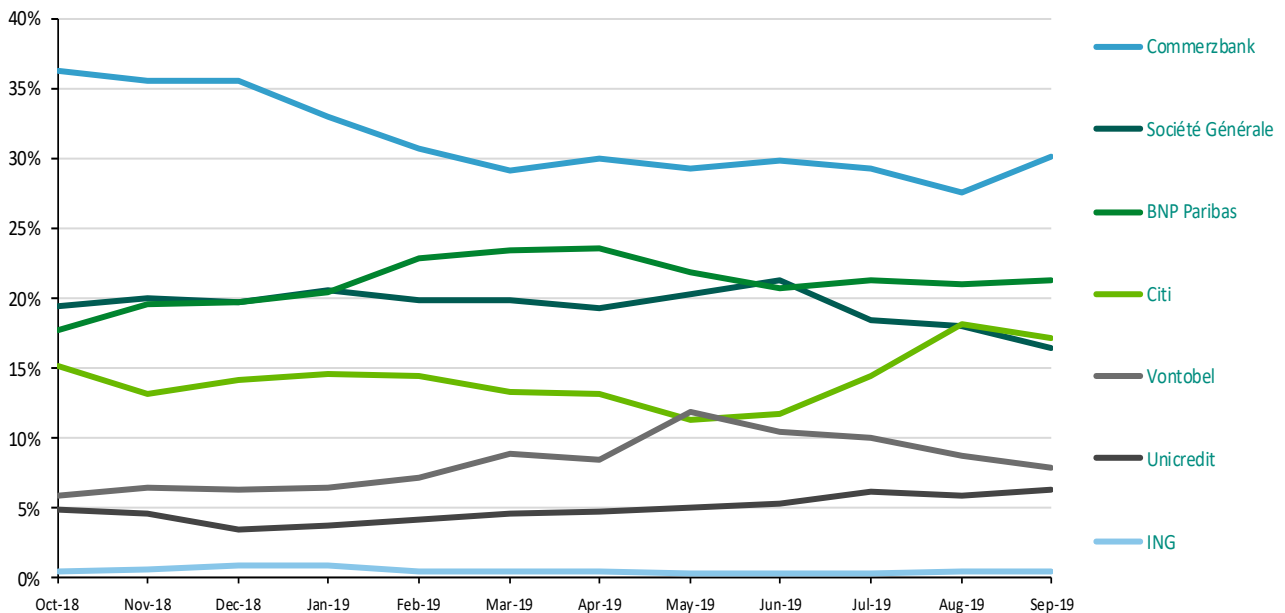
Market Trend: Value traded

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

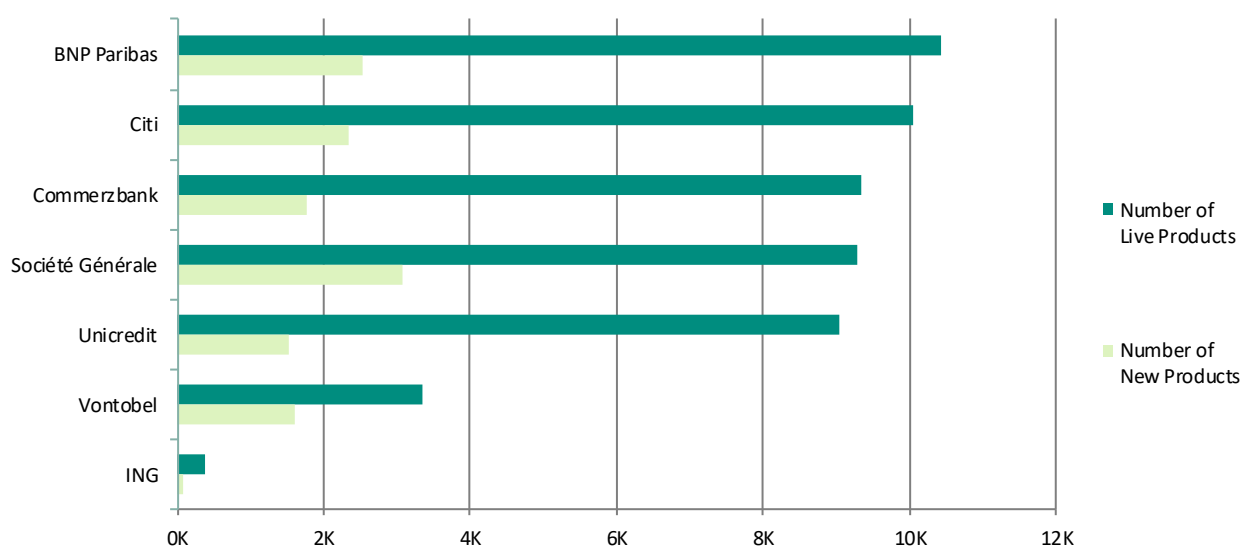
Product Overview

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
BNP Paribas	10,423	2.2%	16.5%	20.1%	2,529	-15.4%	-3.2%	19.6%
Citi	10,056	-1.0%	7.1%	19.4%	2,324	-42%	-24%	18.1%
Commerzbank	9,339	-1.0%	0.0%	18.0%	1,771	-25%	-17.2%	13.8%
Société Générale	9,281	-12.3%	-4.5%	17.9%	3,062	-21%	-11.2%	23.8%
Unicredit	9,036	-9.7%	10.0%	17.4%	1,530	-8.0%	-32%	11.9%
Vontobel	3,352	-3.7%	-0.5%	6.5%	1,590	-40%	-18.6%	12.3%
ING	380	12.2%	13.7%	0.7%	69	-13.8%	121%	0.5%
Total	51,866	-4.3%	5.2%	100%	12,875	-26.9%	-17.0%	100%

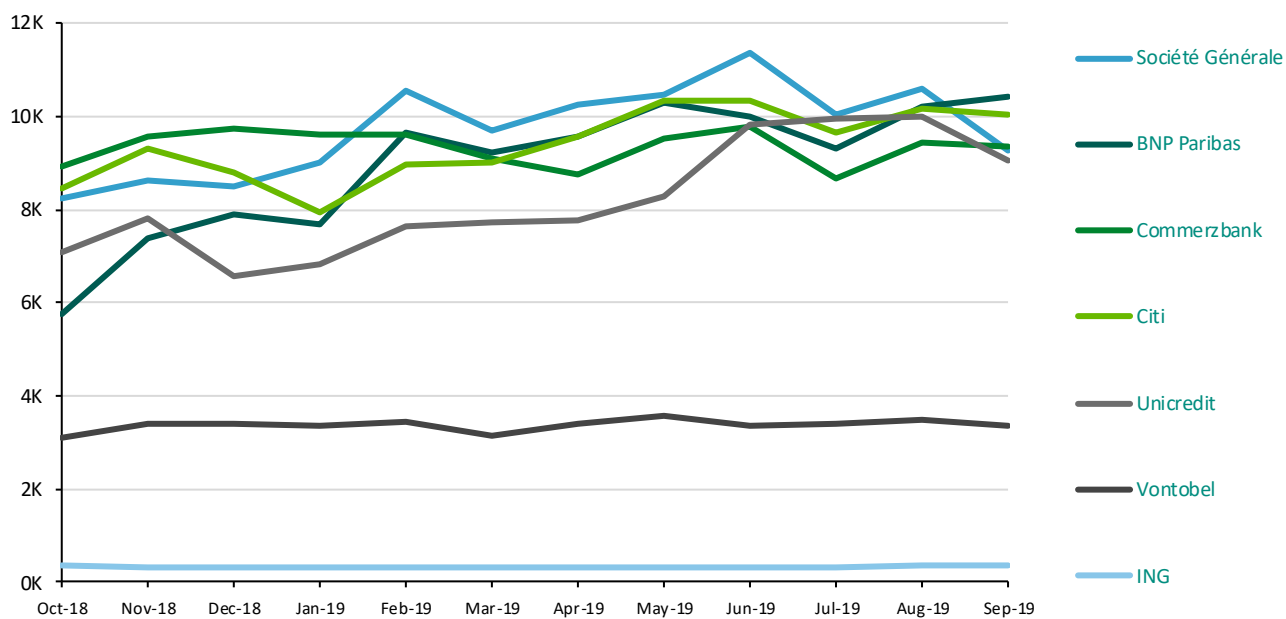
(Source Euronext)



ISSUERS

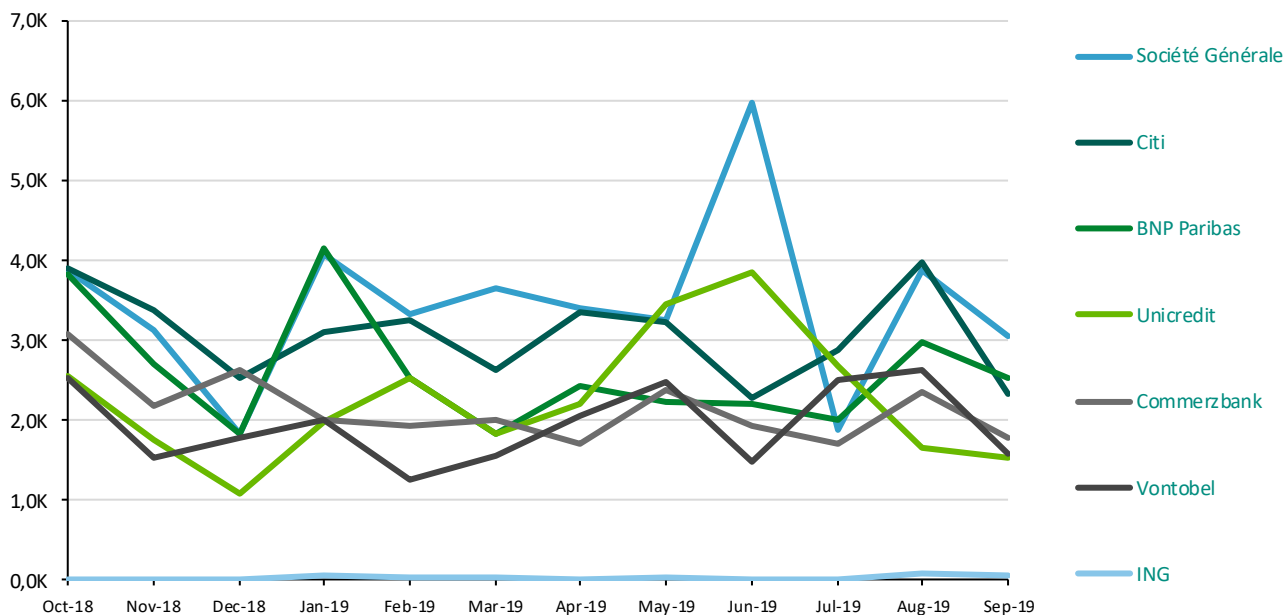
Product Trend: Number of Live Products

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

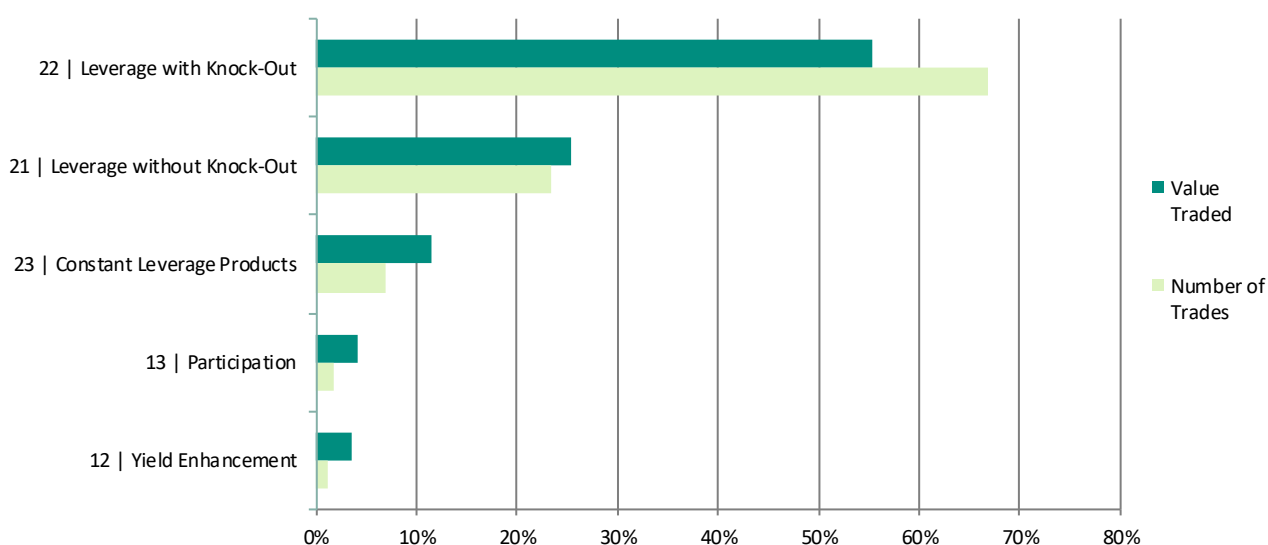
Market Overview

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	6,407	-21%	-6.8%	55.4%	3,278	-16.7%	0.9%	66.8%
21 Leverage without Knock-Out	2,931	-25%	-24%	25.3%	1,151	-16.2%	0.6%	23.5%
23 Constant Leverage Products	1,337	-30%	-20%	11.6%	341	-34.8%	-24.0%	7.0%
13 Participation	474	-8.2%	8.6%	4.1%	82	-27.0%	11.8%	1.7%
12 Yield Enhancement	417	-16.8%	50%	3.6%	52	-15.3%	9.8%	1.1%
Total	11,567	-22.5%	-11.8%	100%	4,904	-18.3%	-1.2%	100%

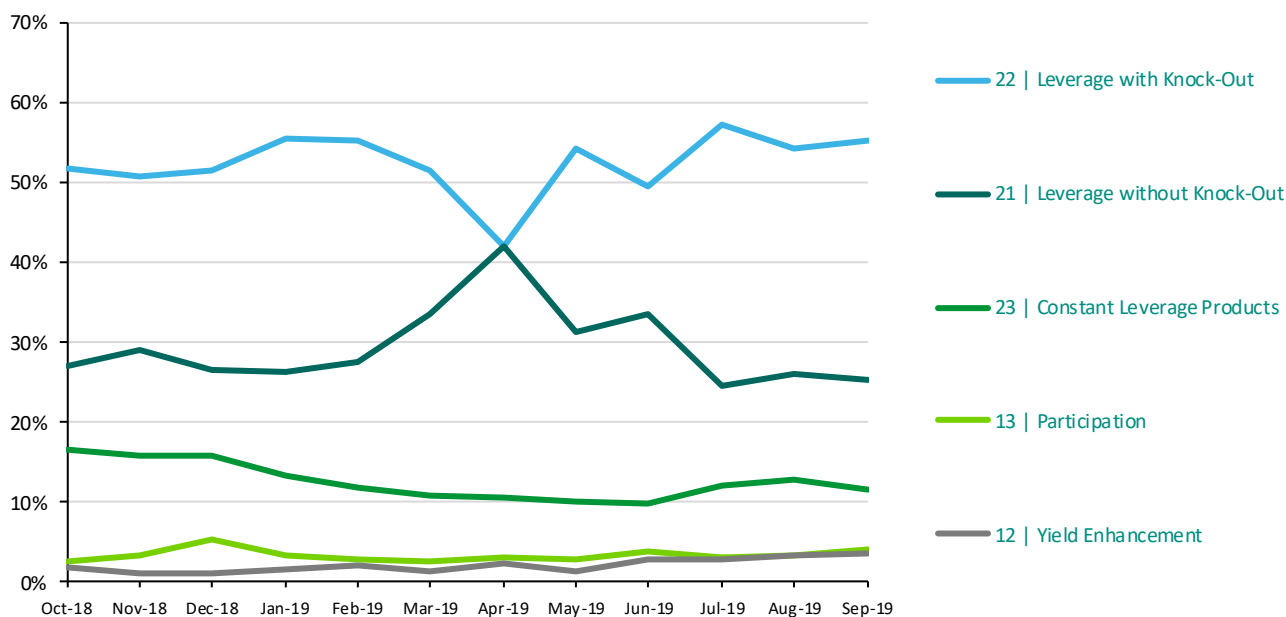
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

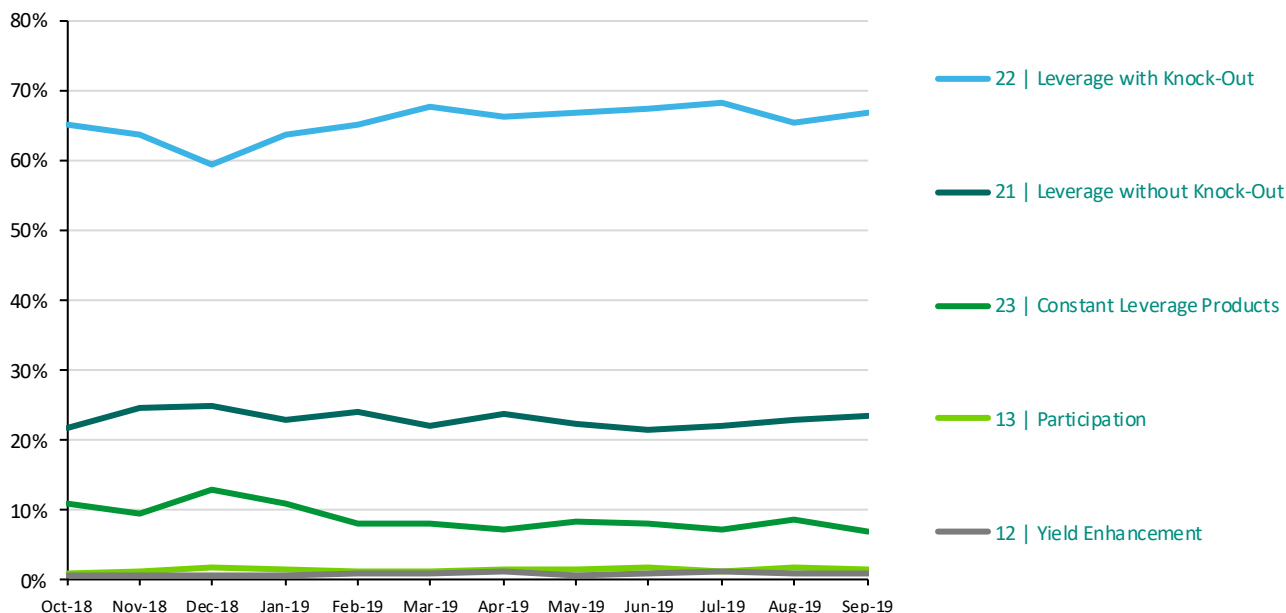
Market Trend: Value traded

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

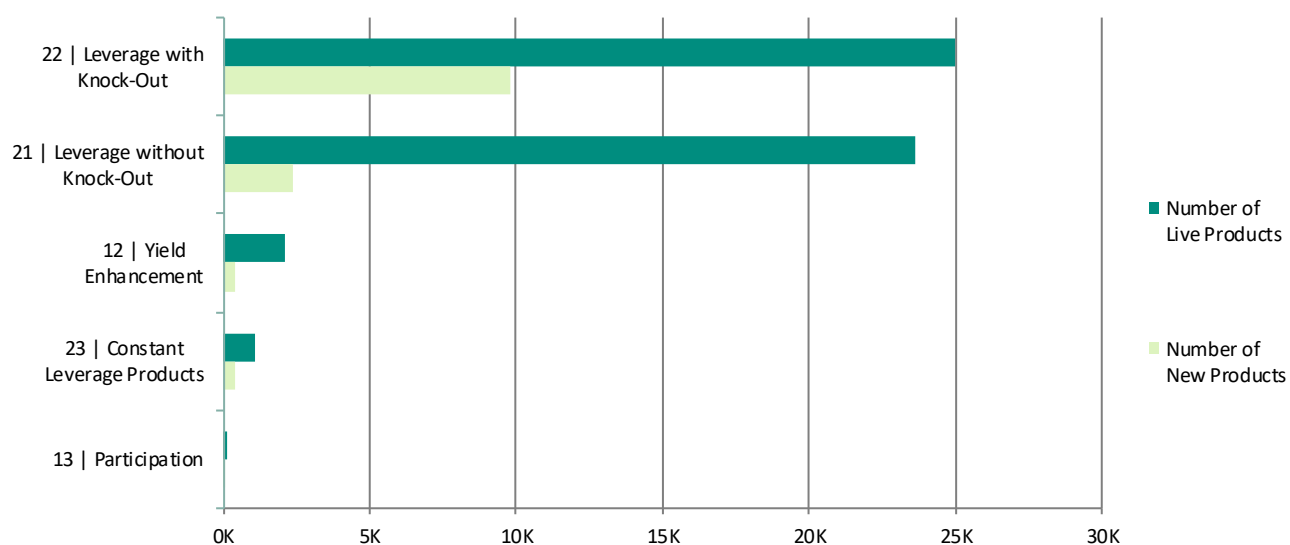
Product Overview

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	24,977	-0.7%	4.4%	48.2%	9,791	-28%	-10.4%	76.0%
21 Leverage without Knock-Out	23,625	-8.9%	4.9%	45.5%	2,340	-34%	-45%	18.2%
12 Yield Enhancement	2,062	0.8%	10.9%	4.0%	360	49%	33%	2.8%
23 Constant Leverage Products	1,074	9.8%	25%	2.1%	372	241%	365%	2.9%
13 Participation	128	6.5%	-6.4%	0.2%	12		125%	0.1%
Total	51,866	-4.3%	5.2%	100%	12,875	-26.9%	-17.0%	100%

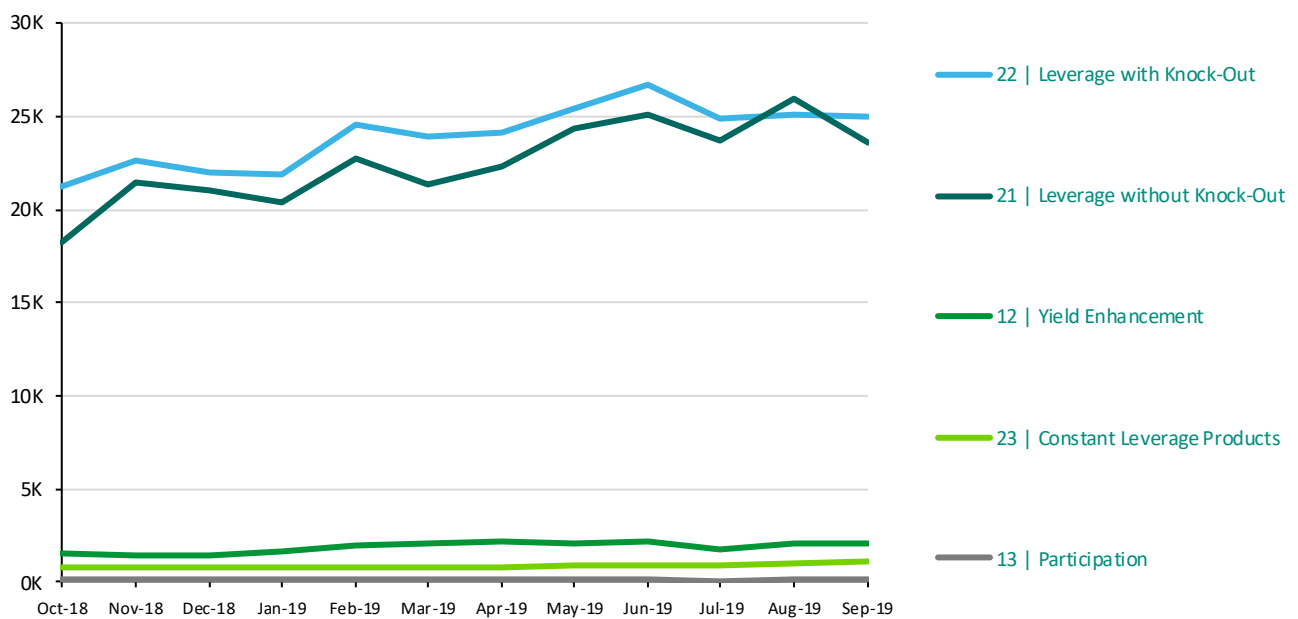
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

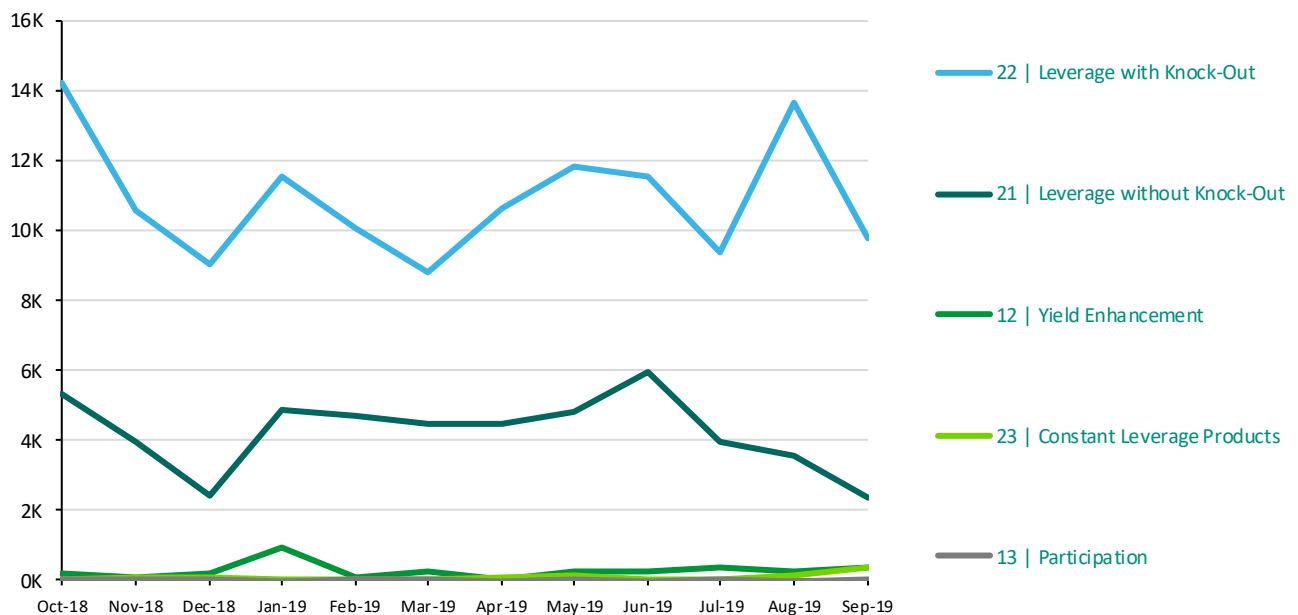
Product Trend: Number of Live Products

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

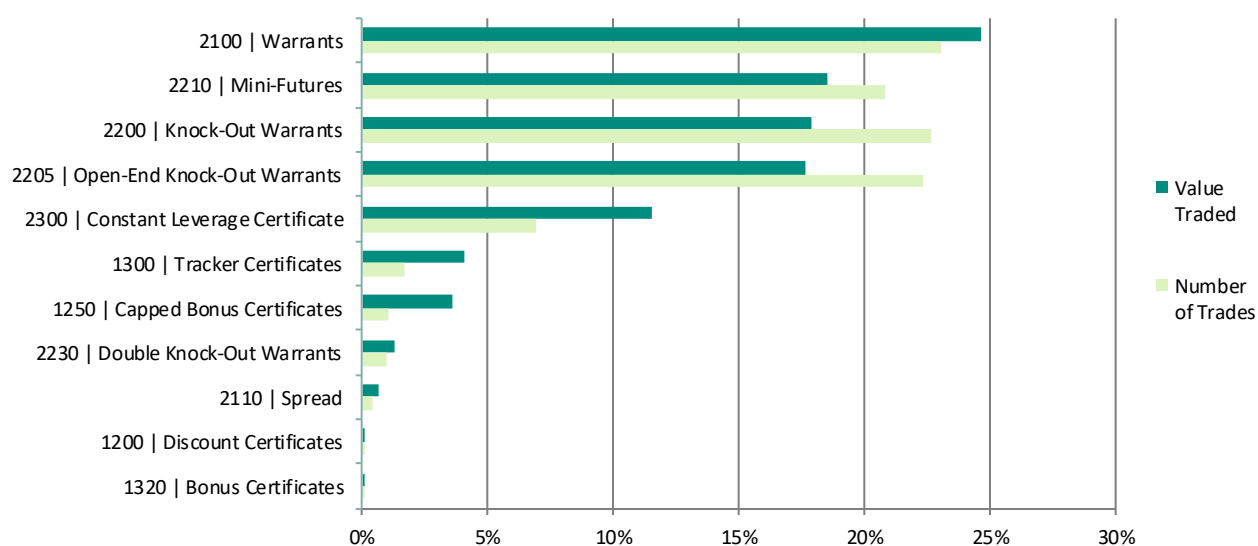
Market Overview

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	2,851	-25%	-25%	24.6%	1,130	-16.1%	-0.2%	23.0%
2210 Mini-Futures	2,145	-28%	-26%	18.5%	1,021	-35%	-21%	20.8%
2200 Knock-Out Warrants	2,070	-20%	6.3%	17.9%	1,113	-17.4%	7.2%	22.7%
2205 Open-End Knock-Out Warrants	2,043	-14.4%	7.8%	17.7%	1,096	13.2%	24%	22.3%
2300 Constant Leverage Certificate	1,337	-30%	-20%	11.6%	341	-35%	-24%	7.0%
1300 Tracker Certificates	474	-8.2%	8.9%	4.1%	82	-27%	12.0%	1.7%
1250 Capped Bonus Certificates	416	-17.0%	50%	3.6%	51	-15.8%	9.8%	1.0%
2230 Double Knock-Out Warrants	149	3.3%	24%	1.3%	48	8.7%	45%	1.0%
2110 Spread	81	-1.7%	112%	0.7%	20	-22%	78%	0.4%
1200 Discount Certificates	1	NA	-7.6%	0.0%	0.3	529%	87%	0.0%
1320 Bonus Certificates	0		-82%	0.0%	0.0		-79%	0.0%
Total	11,567	-22.5%	-11.8%	100%	4,904	-18.3%	-1.2%	100%

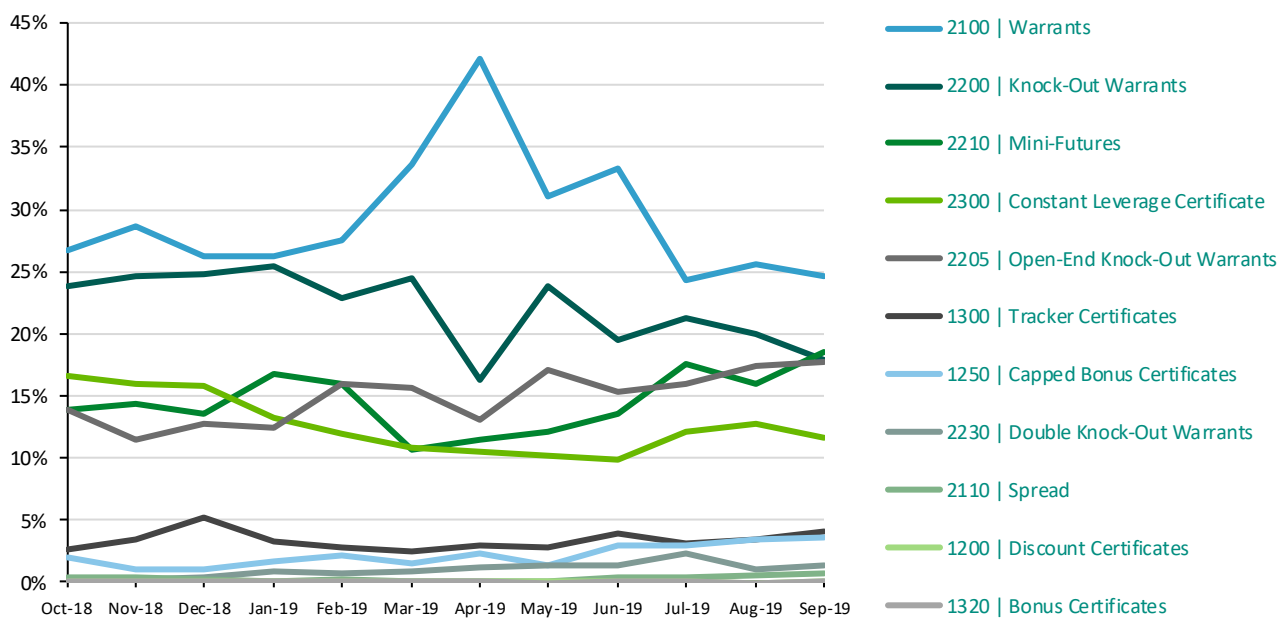
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

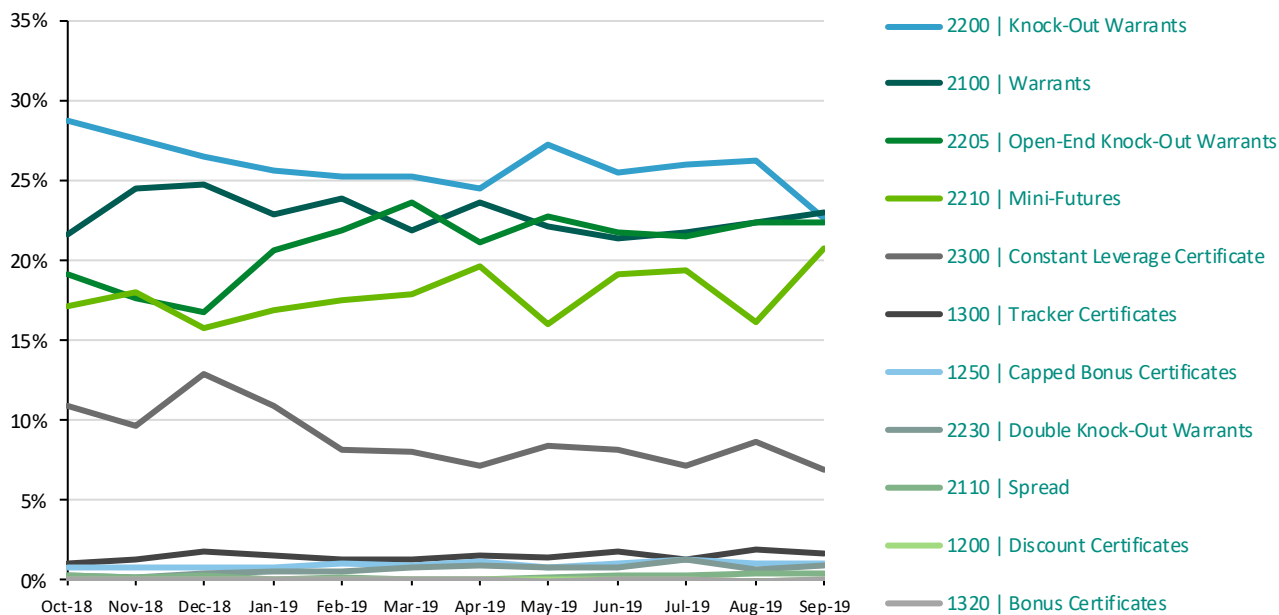
Market Trend: Value traded

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

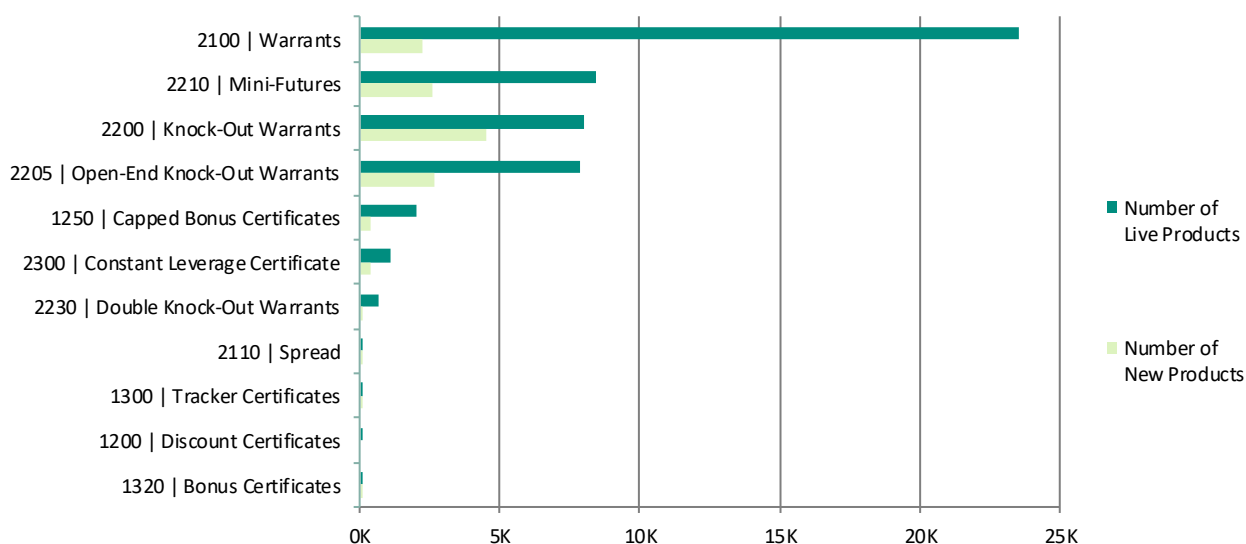
Product Overview

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	23,519	-9.0%	4.9%	45.3%	2,267	-36%	-46%	17.6%
2210 Mini-Futures	8,429	2.5%	1.8%	16.3%	2,567	-4.0%	7.3%	19.9%
2200 Knock-Out Warrants	8,021	-4.3%	9.1%	15.5%	4,498	-43%	-22%	34.9%
2205 Open-End Knock-Out Warrants	7,853	1.6%	1.1%	15.1%	2,636	-12.3%	1.5%	20.5%
1250 Capped Bonus Certificates	2,007	1.3%	11.7%	3.9%	360	49%	37%	2.8%
2300 Constant Leverage Certificate	1,074	9.8%	25%	2.1%	372	241%	365%	2.9%
2230 Double Knock-Out Warrants	673	-17.6%	28%	1.3%	90	-48%	-57%	0.7%
2110 Spread	106	12.8%	3.7%	0.2%	73		315%	0.6%
1300 Tracker Certificates	88	0.0%	-6.4%	0.2%	1		50%	0.0%
1200 Discount Certificates	55	-14.1%	-11.7%	0.1%	0		-100%	0.0%
1320 Bonus Certificates	41	24%	-6.5%	0.1%	11		136%	0.1%
Total	51,866	-4.3%	5.2%	100%	12,875	-26.9%	-17.0%	100%

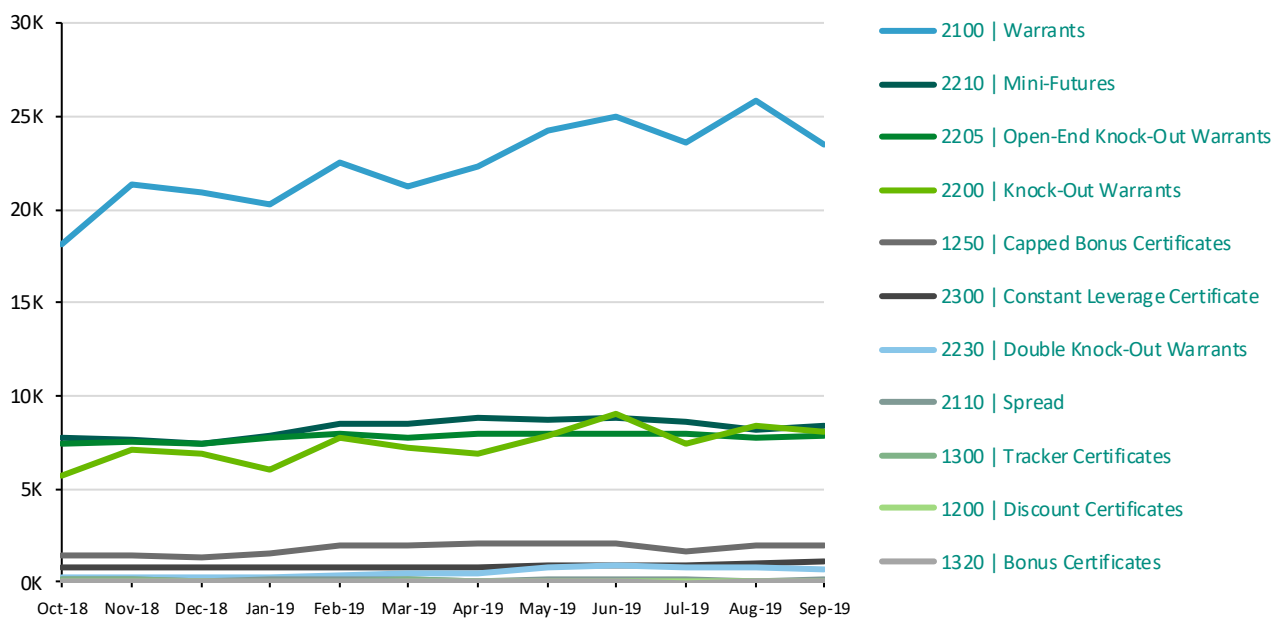
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

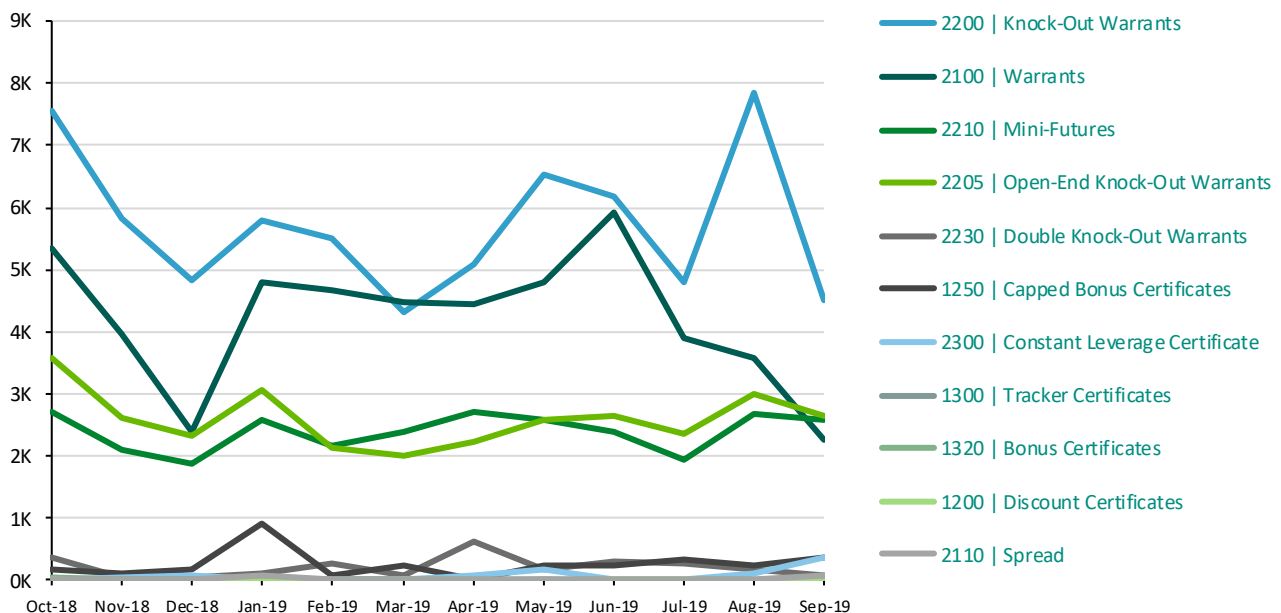
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

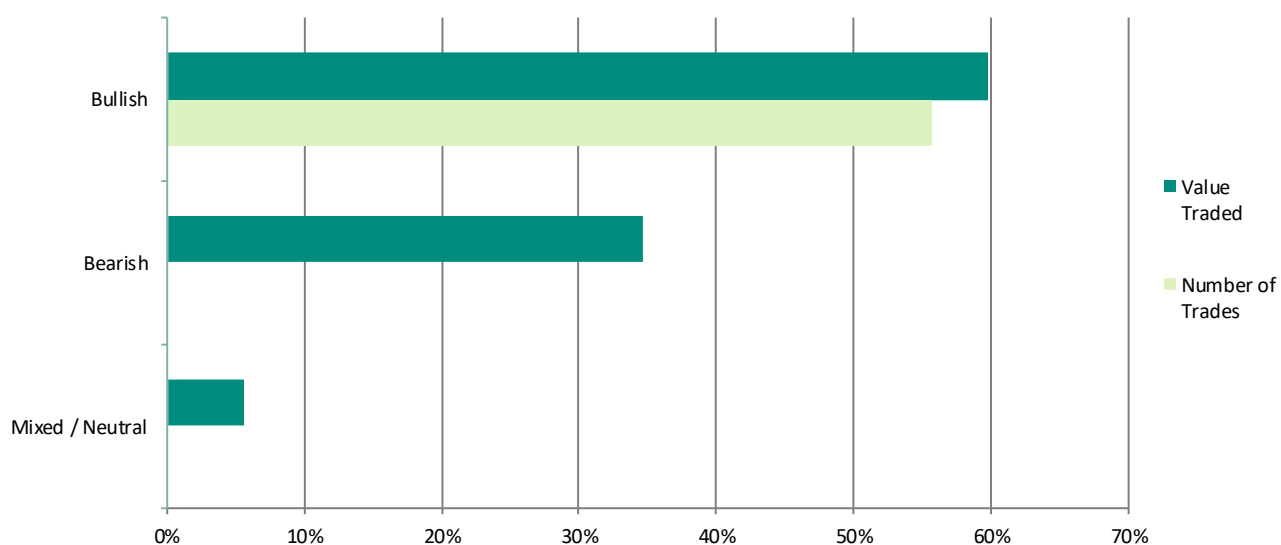
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	6,911	-21%	-17.2%	59.8%	2,733	-22.8%	-9.0%	55.7%
Bearish	4,009	-27%	-7.6%	34.7%	0.0	-100%	-100%	0.0%
Mixed / Neutral	647	-11.1%	48%	5.6%	0.0	-100%	-100%	0.0%
Total	11,567	-22.5%	-11.8%	100%	4,904	-18.3%	-1.2%	100%

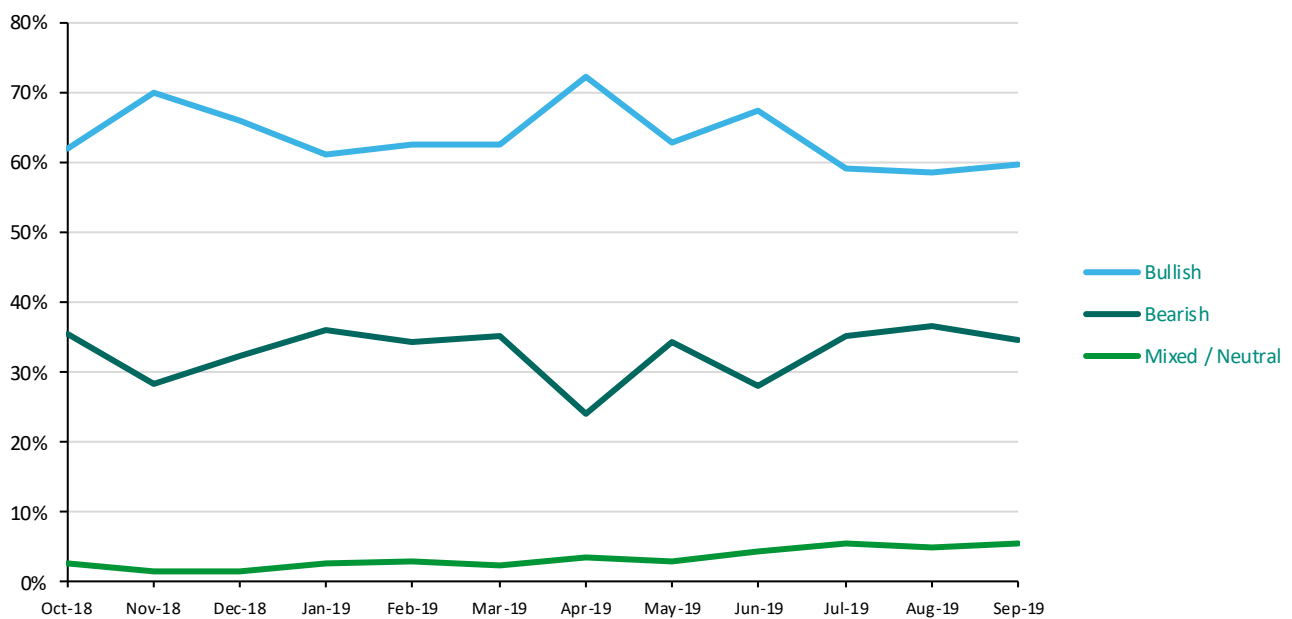
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PRODUCT STRATEGIES

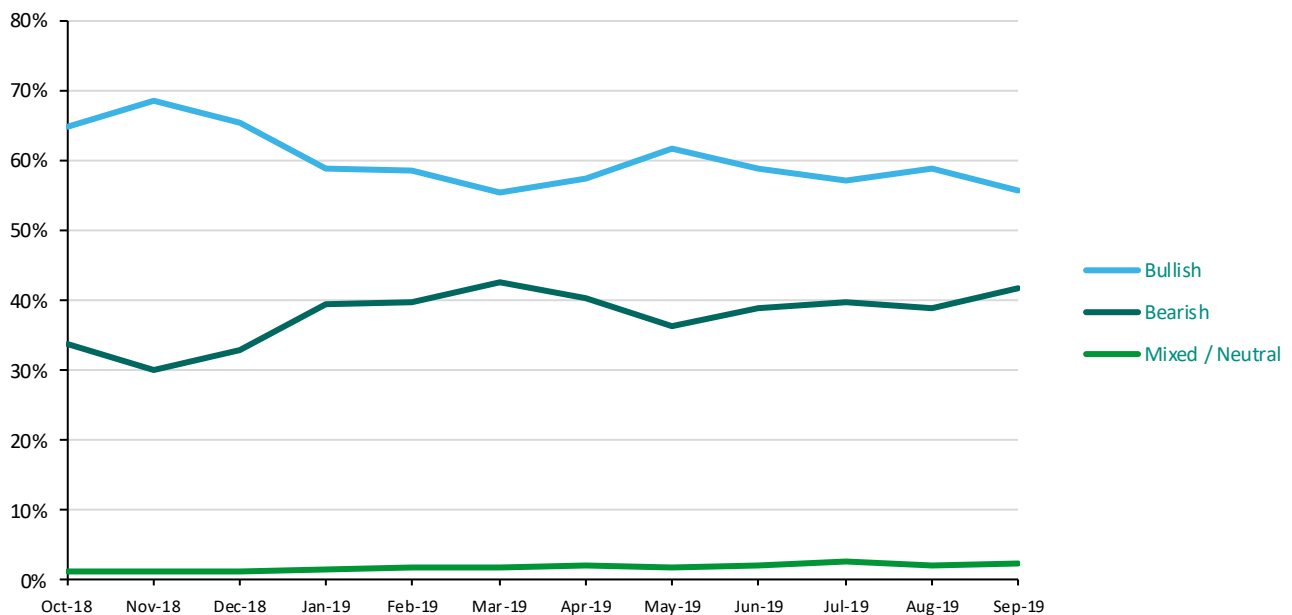
Market Trend: Value traded

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

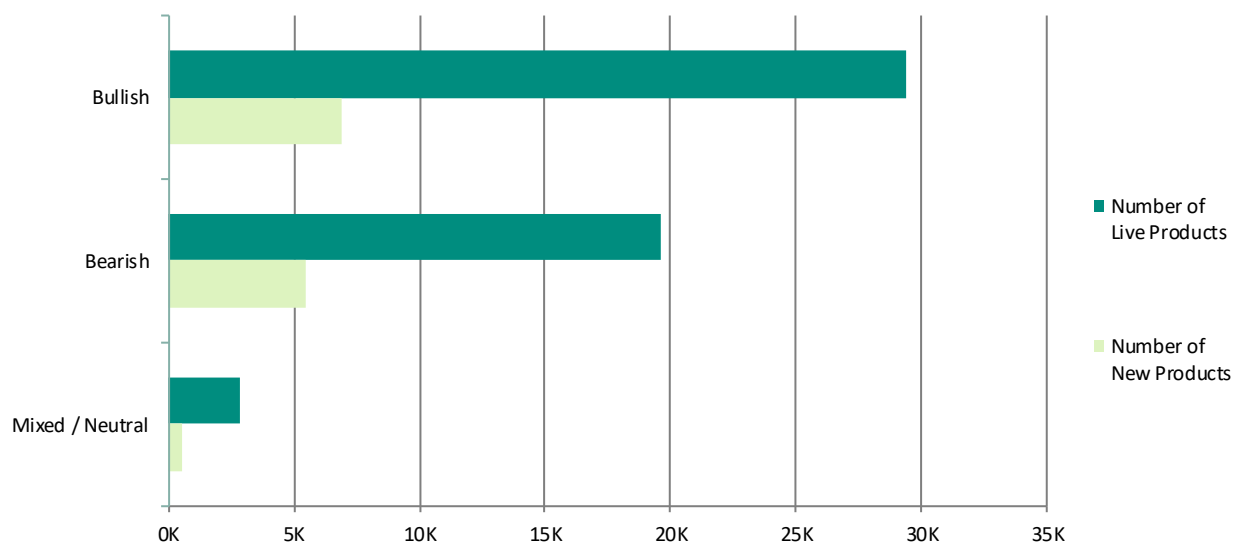
Product Overview

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	29,412	0.4%	8.9%	56.7%	6,892	-22%	-15.2%	53.5%
Bearish	19,612	-10.7%	-1.0%	37.8%	5,460	-35%	-21%	42.4%
Mixed / Neutral	2,842	-3.9%	14.1%	5.5%	523	26%	5.3%	4.1%
Total	51,866	-4.3%	5.2%	100%	12,875	-26.9%	-17.0%	100%

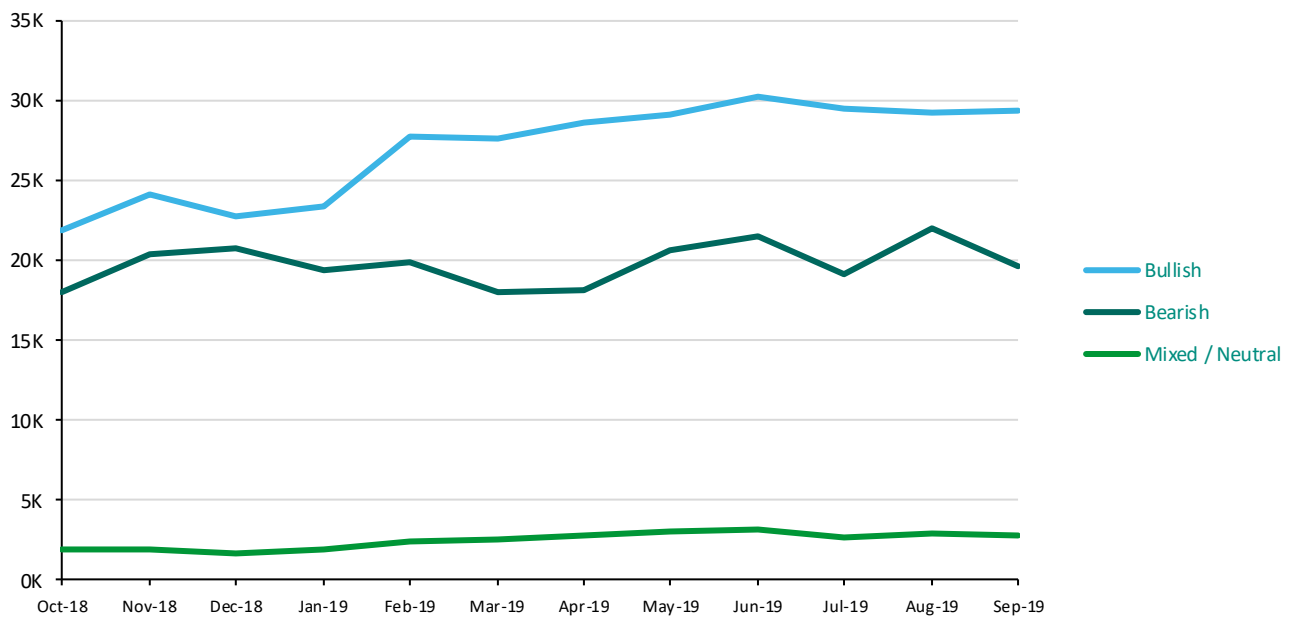
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PRODUCT STRATEGIES

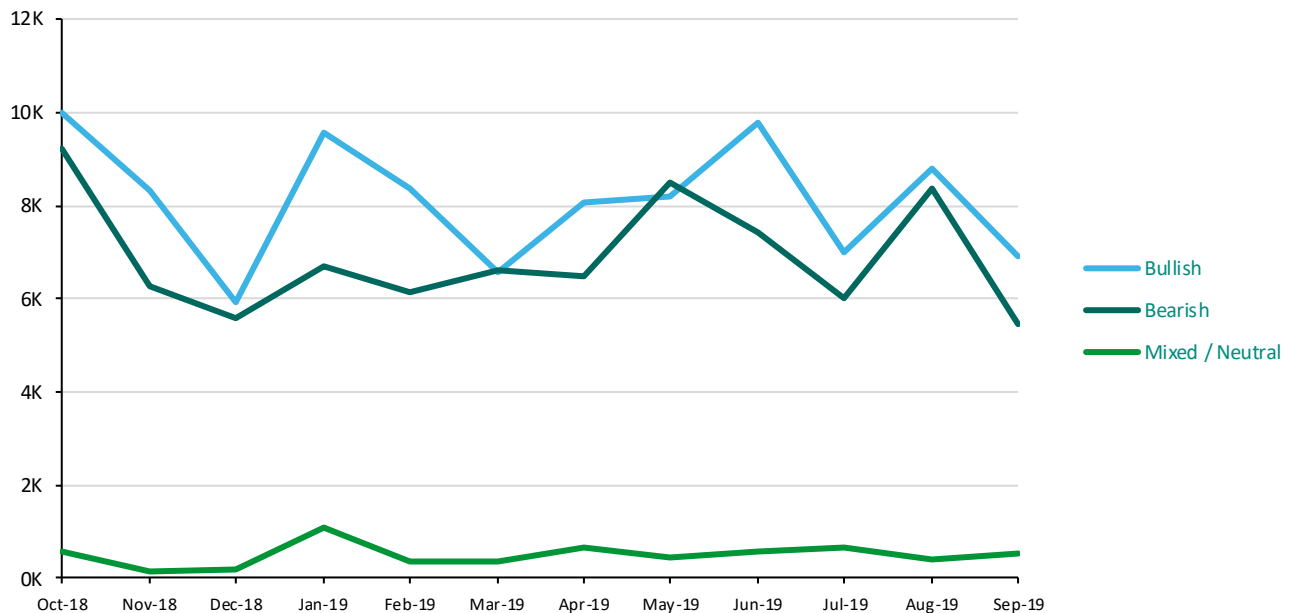
Product Trend: Number of Live Products

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

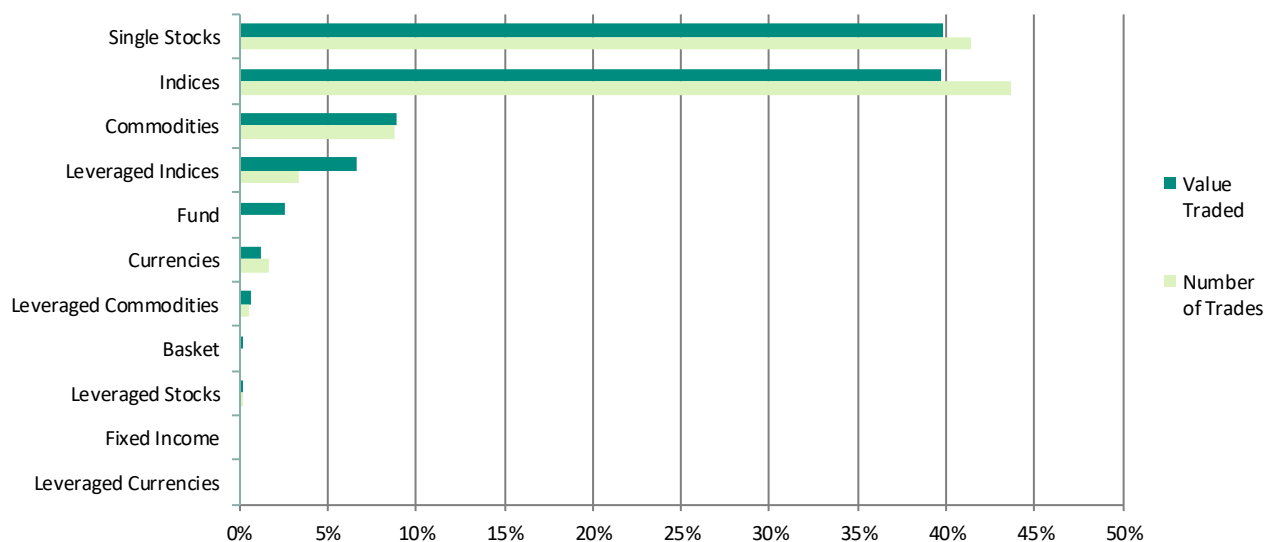
Market Overview

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
Single Stocks	4,607	-43%	-25%	39.8%	2,032	-38.4%	-17.2%	41.4%
Indices	4,597	0.4%	15.9%	39.7%	2,142	11.4%	17.0%	43.7%
Commodities	1,024	-8.0%	-5.5%	8.9%	431	35.2%	NA	8.8%
Leveraged Indices	769	-2.1%	-25%	6.6%	165	-52.0%	-32.6%	3.4%
Fund	295	79%	-60%	2.5%	6.6	131.1%	-97.9%	0.1%
Currencies	146	83%	60%	1.3%	83	43.3%	38.6%	1.7%
Leveraged Commodities	82	10.0%	272%	0.7%	28	12.3%	139.5%	0.6%
Basket	27	-6.8%	72%	0.2%	1.4	-93.4%	-86.7%	0.0%
Leveraged Stocks	17	-39%	18.2%	0.1%	11	626.8%	17.3%	0.2%
Fixed Income	3	-80%	-69%	0.0%	4.4	-58.9%	353.5%	0.1%
Leveraged Currencies	1	-53%	-55%	0.0%	0.1	-60.7%	-95.9%	0.0%
Total	11,567	-22%	-11.8%	100%	4,904	-18.3%	-1.2%	100%

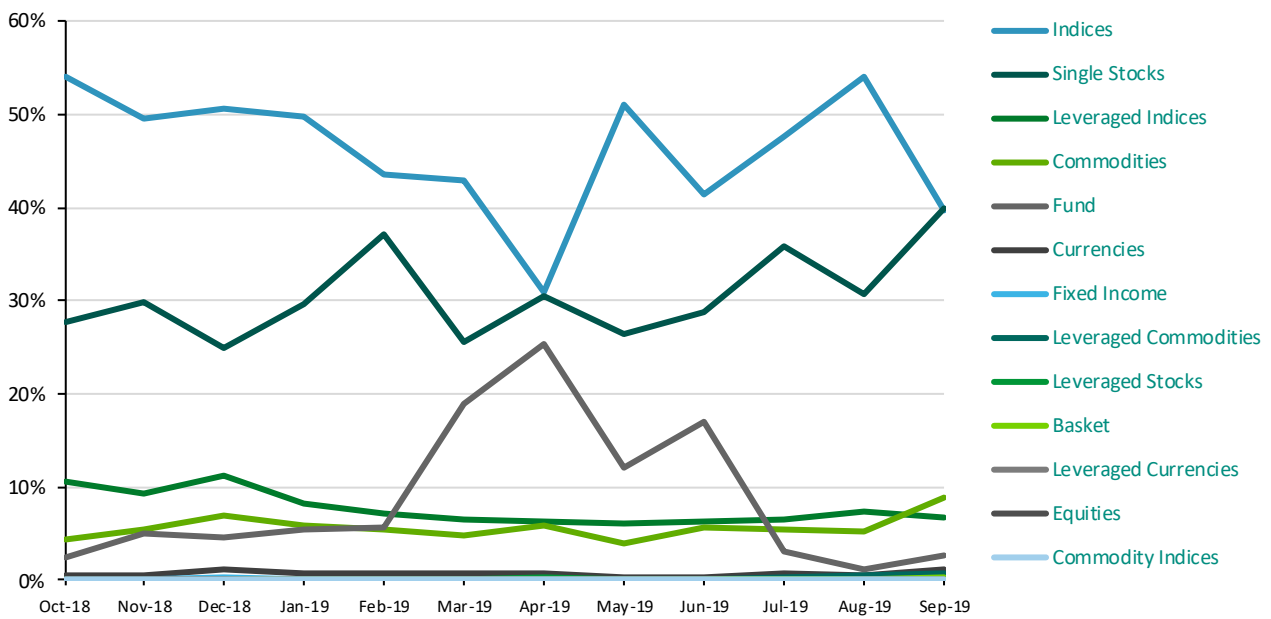
(Source Euronext)



UNDERLYING TYPES

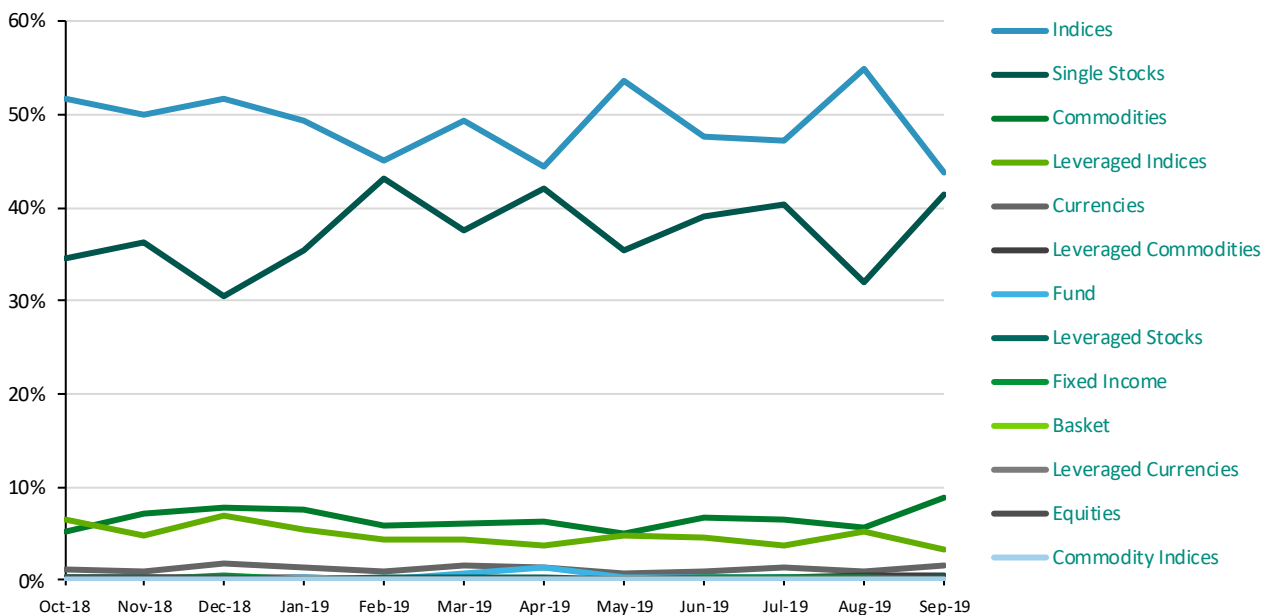
Market Trend: Value traded

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

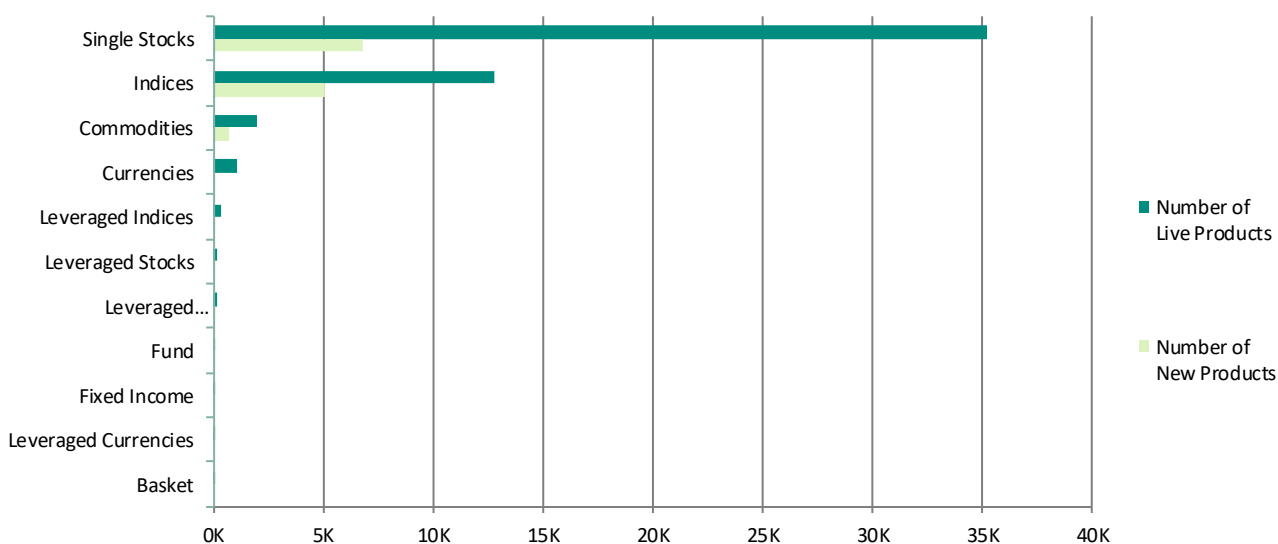
Product Overview

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	35,245	-6.5%	4.9%	68.0%	6,807	-23%	-23%	52.9%
Indices	12,751	-0.3%	6.0%	24.6%	5,049	-34%	-14.7%	39.2%
Commodities	2,011	9.3%	12.5%	3.9%	746	-16.5%	46%	5.8%
Currencies	1,073	-5.8%	-10.1%	2.1%	106	-32%	-45%	0.8%
Leveraged Indices	307	6.8%	16.6%	0.6%	49	16.7%	248%	0.4%
Leveraged Stocks	157	1.3%	9.5%	0.3%	49		359%	0.4%
Leveraged Commodities	145	17.8%	84%	0.3%	65	76%	279%	0.5%
Fund	94	1.0%	13.0%	0.2%	1	0.0%	-43%	0.0%
Fixed Income	71	6.7%	3.5%	0.1%	3	-67%	-40%	0.0%
Leveraged Currencies	8	0.0%	0.0%	0.0%	0			0.0%
Basket	4	-6.6%	-14.9%	0.0%	0			0.0%
Total	51,866	-4.3%	5.2%	100%	12,875	-27%	-17.0%	100%

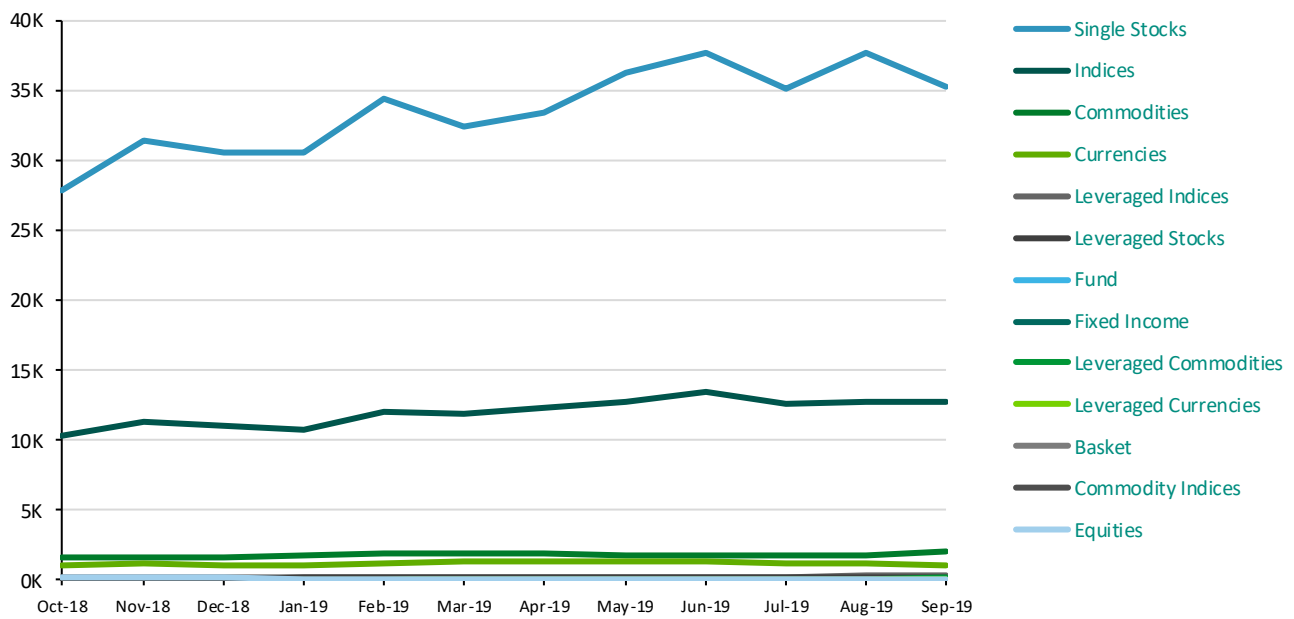
(Source Euronext)



UNDERLYING TYPES

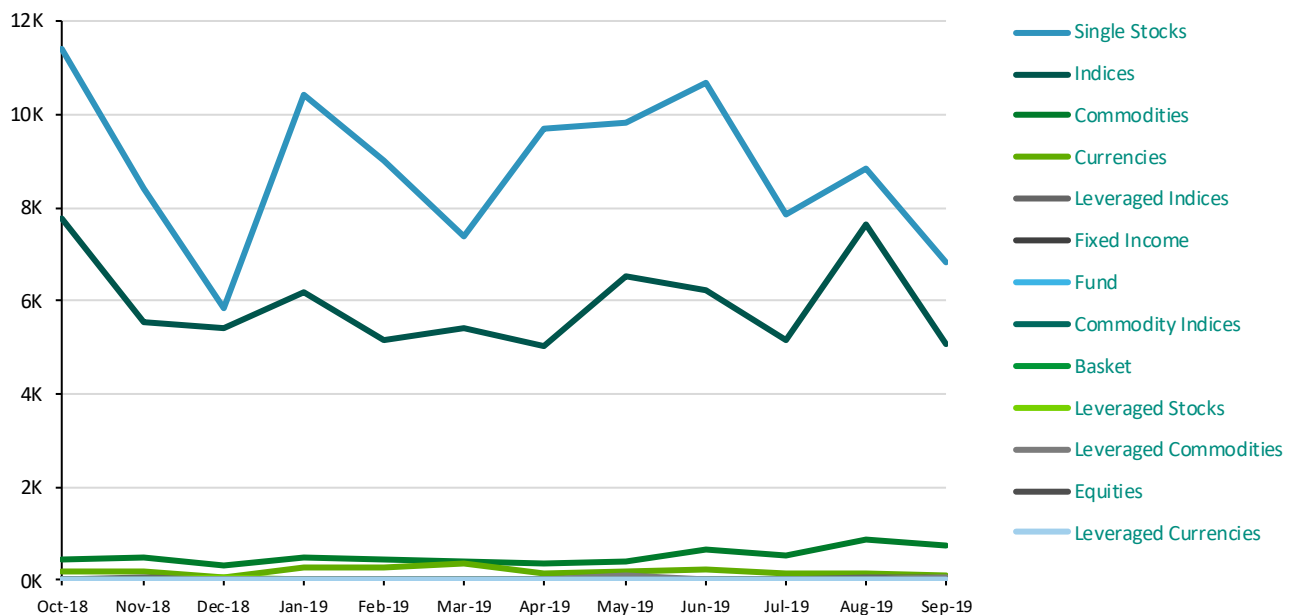
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

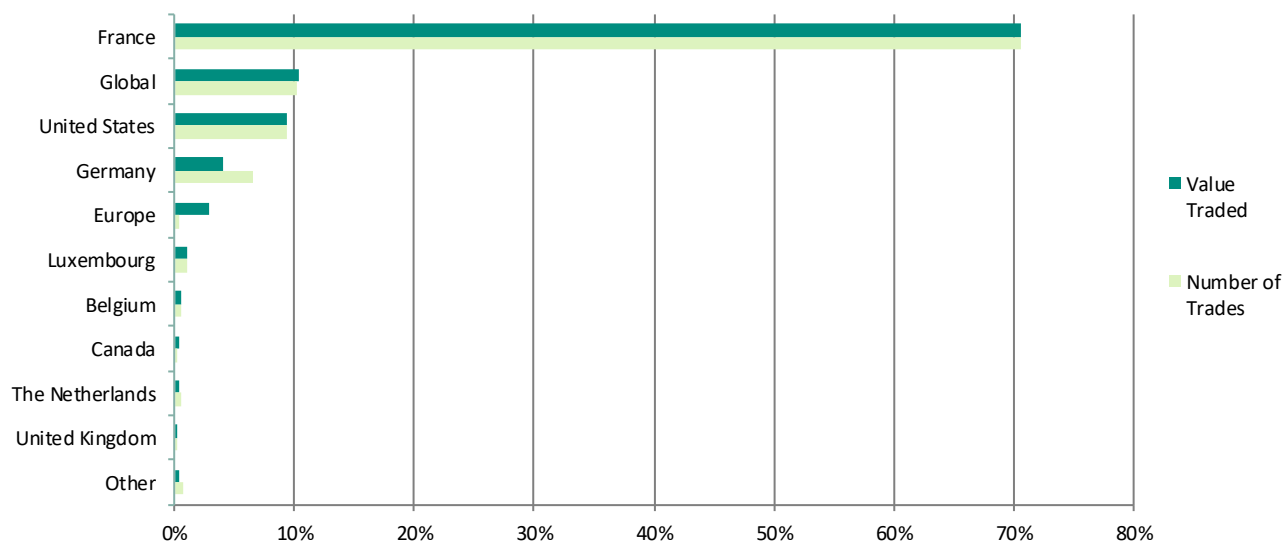
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	8,163	-24%	-1.4%	70.6%	3,467	-18.3%	-0.4%	70.7%
Global	1,195	-31%	-31%	10.3%	498	-25%	-9.9%	10.2%
United States	1,073	13.8%	-6.1%	9.3%	454	13.2%	NA	9.3%
Germany	465	-49%	-49%	4.0%	322	-41%	-22%	6.6%
Europe	328	55%	-60%	2.8%	19	3.5%	-95%	0.4%
Luxembourg	121	18.5%	104%	1.0%	46	302%	21%	0.9%
Belgium	63	-36%	15.4%	0.5%	21	-59%	23%	0.4%
Canada	47	-13.5%	-5.9%	0.4%	11	-57%	-55%	0.2%
The Netherlands	41	2.4%	93%	0.4%	27	56%	271%	0.5%
United Kingdom	22	-39%	3.7%	0.2%	8.4	-12.2%	15.1%	0.2%
Other	48	57%	14.1%	0.4%	30	47%		0.6%
Total	11,567	-22.5%	-11.8%	100%	4,904	-18.3%	-1.2%	100%

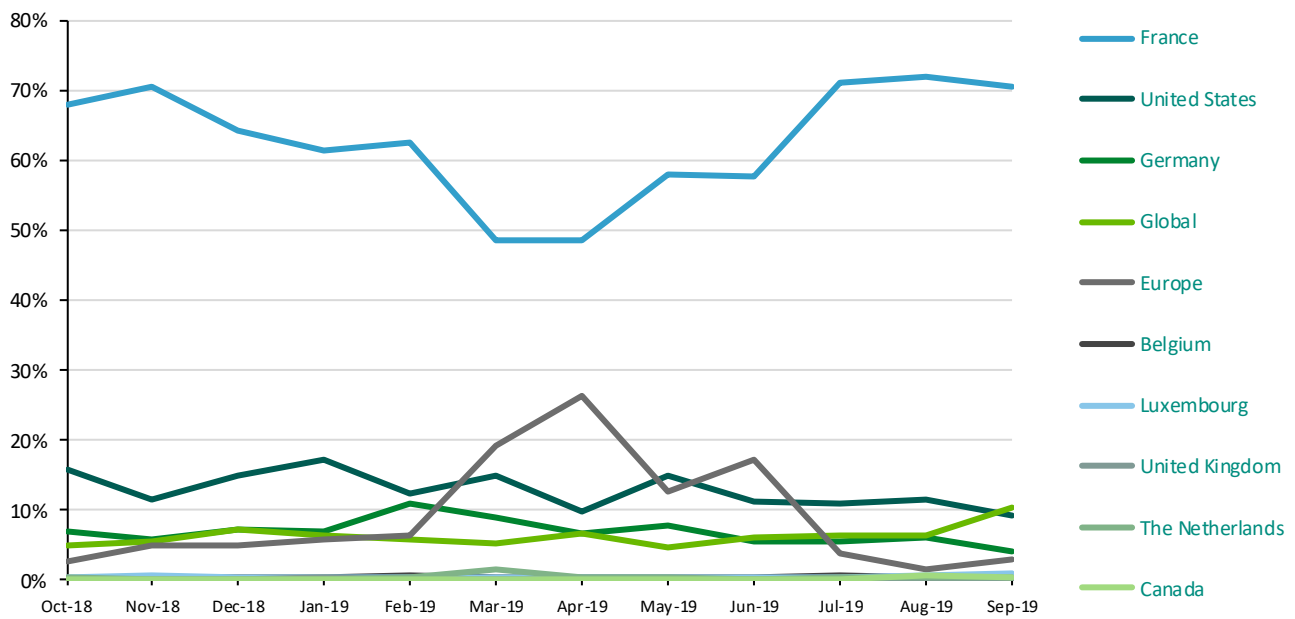
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

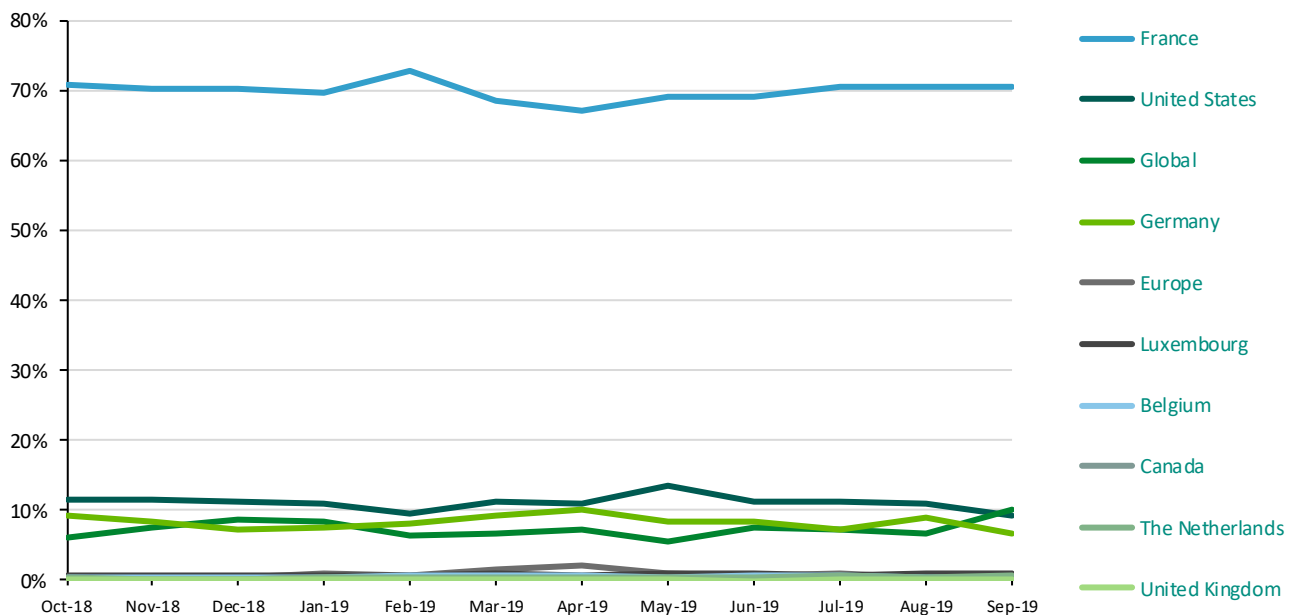
Market Trend: Value traded

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

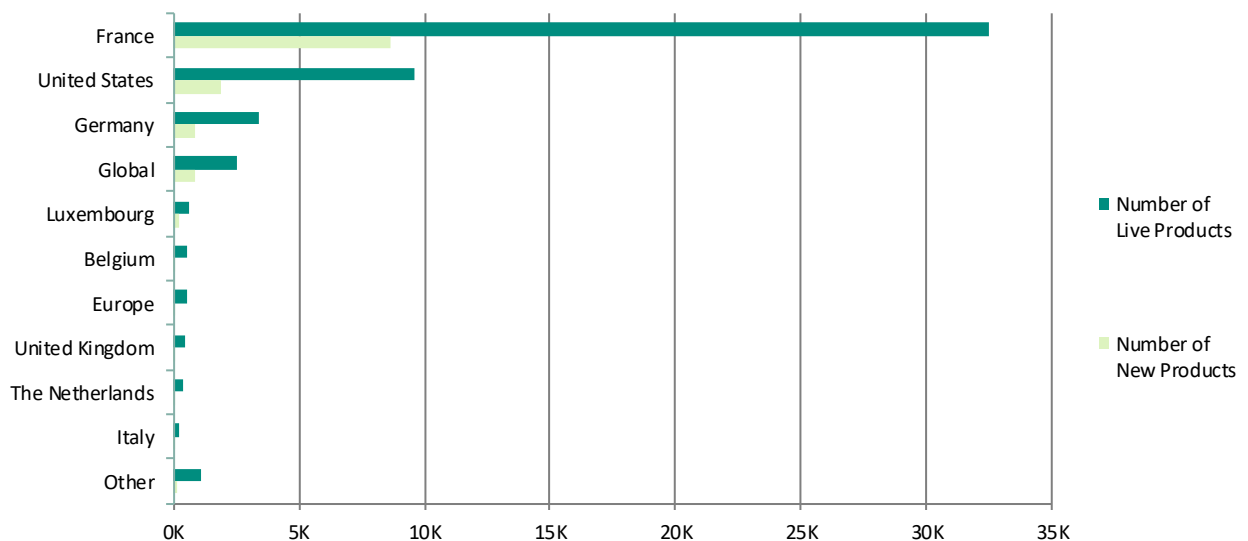
Product Overview

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	32,509	-5.2%	1.5%	62.7%	8,667	-20%	-14.9%	67.3%
United States	9,566	-6.3%	15.7%	18.4%	1,908	-42%	-30%	14.8%
Germany	3,411	0.0%	13.2%	6.6%	828	-48%	-29%	6.4%
Global	2,490	7.6%	16.3%	4.8%	852	-10.7%	47%	6.6%
Luxembourg	604	-7.0%	-17.9%	1.2%	197	-18.9%	-13.4%	1.5%
Belgium	556	-2.3%	20%	1.1%	97	2.1%	-17.0%	0.8%
Europe	517	1.8%	-6.8%	1.0%	61	-29%	-42%	0.5%
United Kingdom	474	-6.4%	1.8%	0.9%	38	-32%	-57%	0.3%
The Netherlands	402	-2.6%	14.2%	0.8%	91	-46%	-11.4%	0.7%
Italy	236	-3.5%	-21%	0.5%	13	44%	-63%	0.1%
Other	1,102	0.8%	10.6%	2.1%	123	-48%	-39%	1.0%
Total	51,866	-4.3%	5.2%	100%	12,875	-26.9%	-17.0%	100%

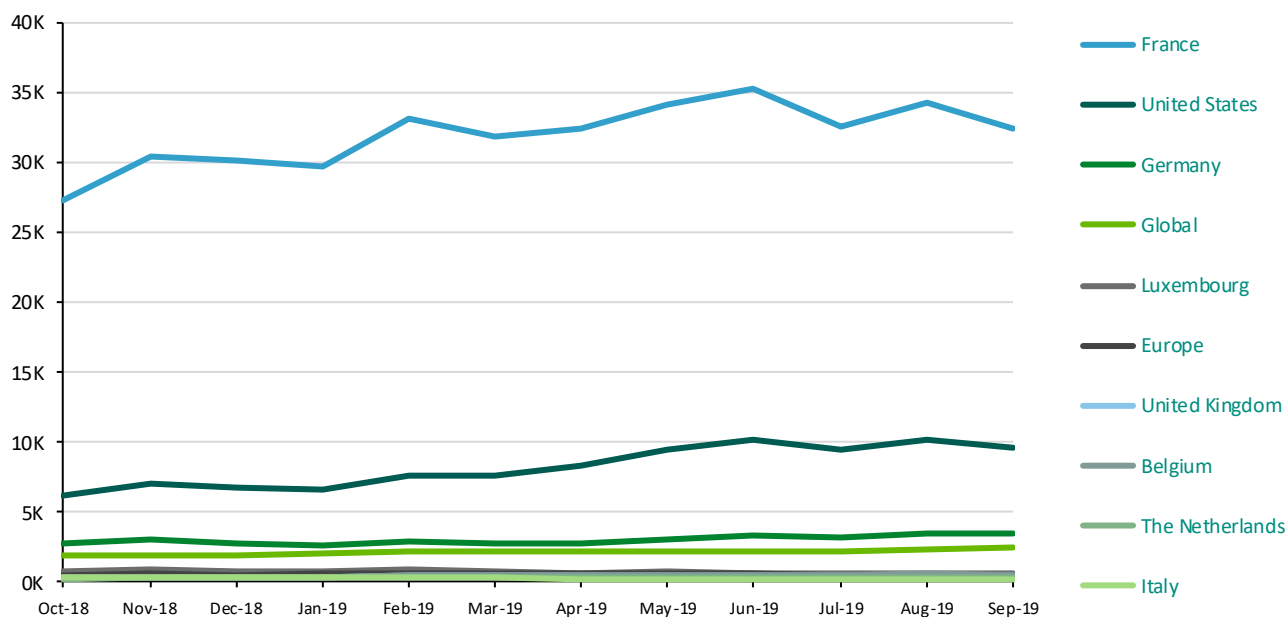
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

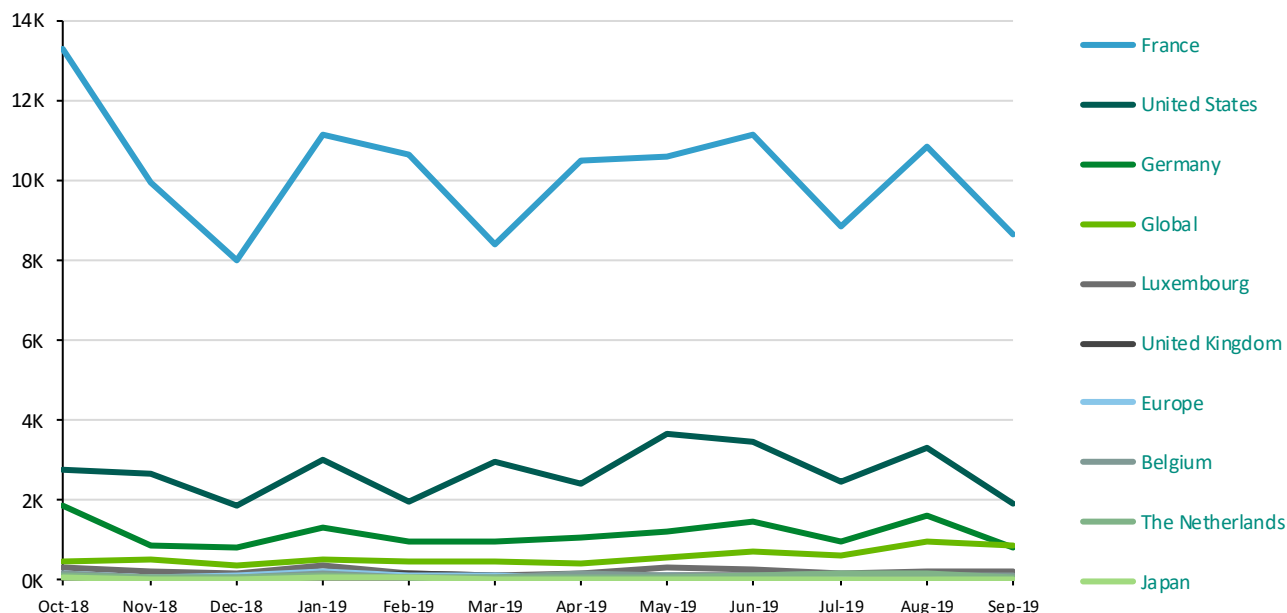
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

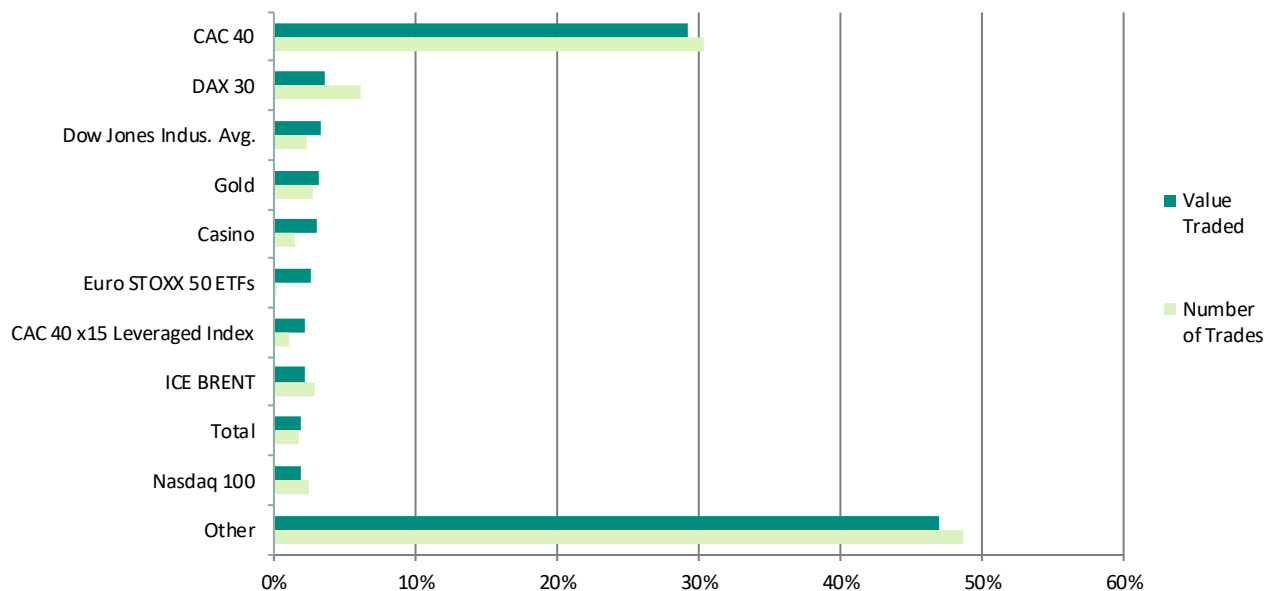
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	3,385	-41%	-12.6%	29.3%	1,490	-33.9%	-8.7%	30.4%
DAX 30	417	-48%	-61%	3.6%	298	-38%	NA	6.1%
Dow Jones Indus. Avg.	381	-41%	-55%	3.3%	113	-44%	-70%	2.3%
Gold	371	-26%	-38%	3.2%	136	-33%	-16.3%	2.8%
Casino	352	-21%	-18.4%	3.0%	70	-53%	-55%	1.4%
Euro STOXX 50 ETFs	293	-28%	1.6%	2.5%	6.2	-91%	-91%	0.1%
CAC 40 x15 Leveraged Index	254	-23%	4.9%	2.2%	52	-47%	-38%	1.1%
ICE BRENT	252	-21%	23%	2.2%	142	58%	148%	2.9%
Total	219	-9.2%	8.0%	1.9%	85	-7.2%	53%	1.7%
Nasdaq 100	214	-9.7%	8.6%	1.8%	121	51%	43%	2.5%
Other	5,430	2.7%	5.2%	46.9%	2,391	4.5%		48.7%
Total	11,567	-22.5%	-11.8%	100%	4,904	-18.3%	-1.2%	100%

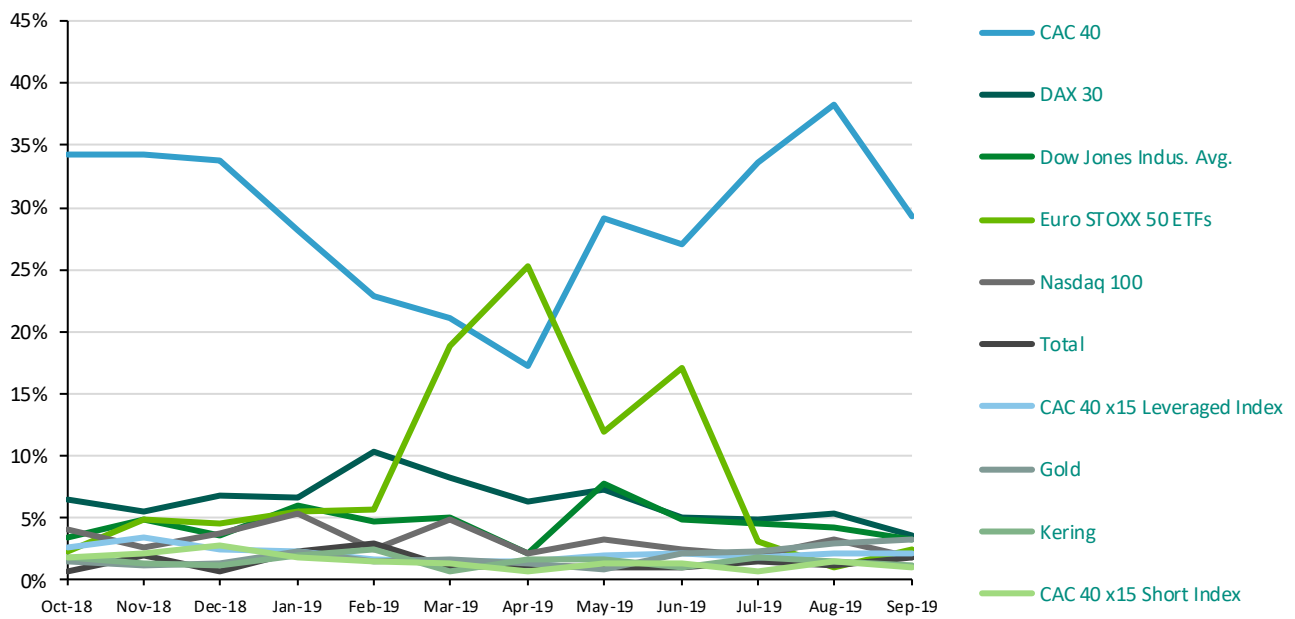
(Source Euronext)



TOP 10 UNDERLYINGS

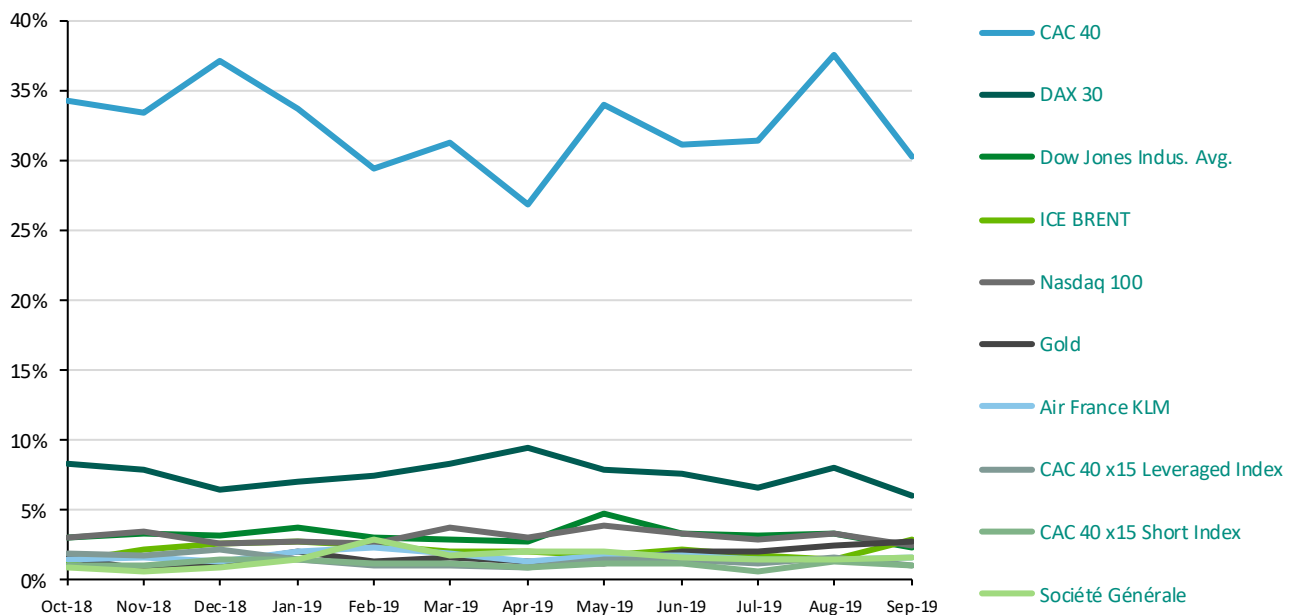
Market Trend: Value traded

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

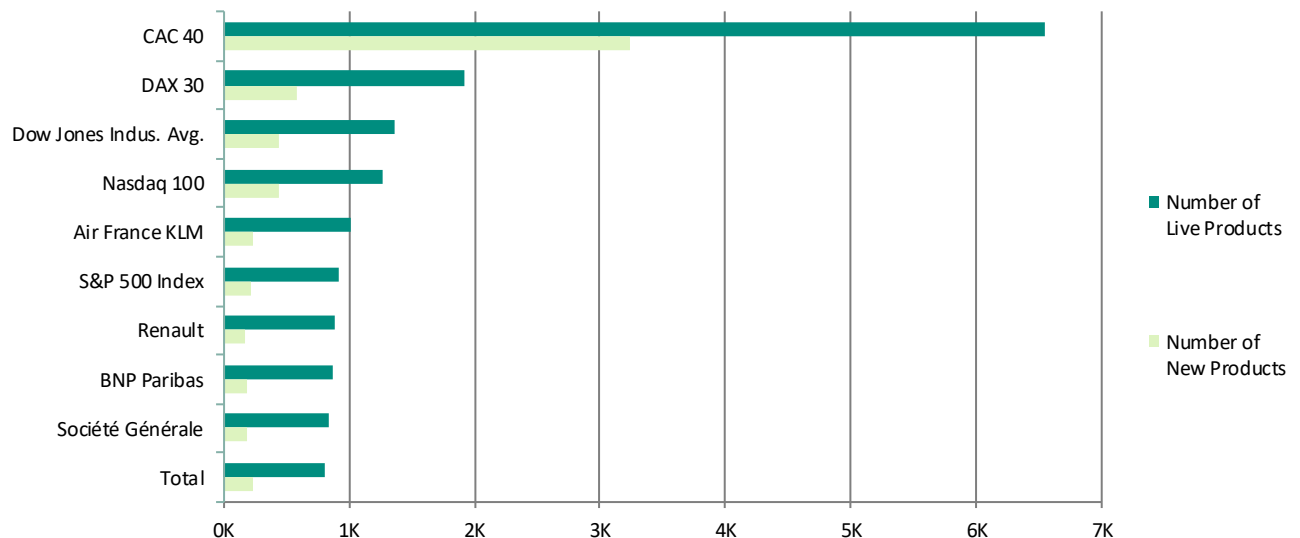
Product Overview

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	6,541	0.0%	0.6%	12.6%	3,239	-26%	-9.0%	25.2%
DAX 30	1,913	1.5%	10.9%	3.7%	591	-48%	-31%	4.6%
Dow Jones Indus. Avg.	1,360	-1.8%	16.2%	2.6%	442	-47%	-20.0%	3.4%
Nasdaq 100	1,267	-1.1%	22%	2.4%	442	-35%	-11.6%	3.4%
Air France KLM	1,015	-9.6%	2.6%	2.0%	232	-50%	-39%	1.8%
S&P 500 Index	913	-4.4%	9.6%	1.8%	215	-47%	-27%	1.7%
Renault	887	-9.2%	1.0%	1.7%	171	-39%	-40%	1.3%
BNP Paribas	867	-7.5%	-6.6%	1.7%	191	-5.9%	-27%	1.5%
Société Générale	838	-5.3%	-3.4%	1.6%	193	0.0%	-15.6%	1.5%
Total	812	-10.1%	6.5%	1.6%	230	-32%	8.8%	1.8%
Other	35,453	-5.1%	5.5%	68.4%	6,929	-20%	-17.5%	53.8%
Total	51,866	-4.3%	5.2%	100%	12,875	-26.9%	-17.0%	100%

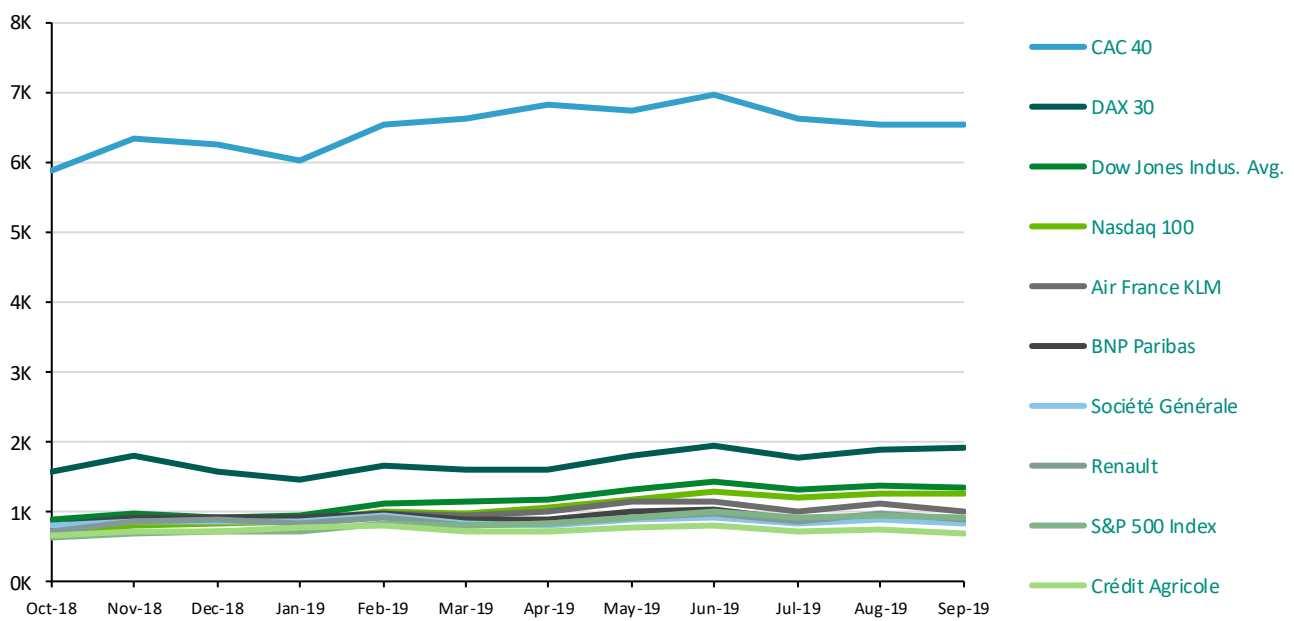
(Source Euronext)



TOP 10 UNDERLYINGS

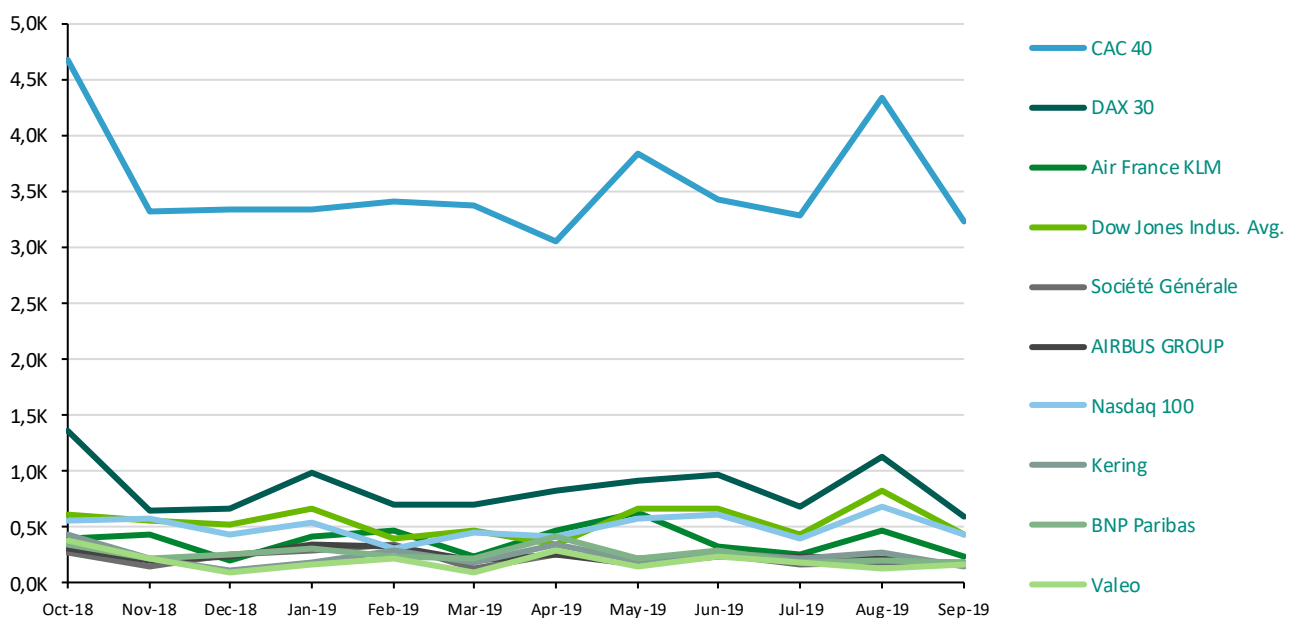
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades	
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	14,442	2,268
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	7,338	1,440
NL0012969133	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	6,708	44
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	6,280	2,174
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	5,248	800
DE000CU15504	Commerzbank	2300	Constant Leverage Certificate	CAC 40	5,165	680
DE000CA0ZD72	Commerzbank	2300	Constant Leverage Certificate	CAC 40	4,145	1,372
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	3,989	152
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	3,747	1,304
DE000KA1P6N5	Citi	2100	Warrants	BARRICK GOLD CORPORATION	3,360	256
LU1910611364	Société Générale	2100	Warrants	CAC 40	3,332	586
FR0013366572	Commerzbank	1250	Capped Bonus Certificates	Casino	3,283	164
FR0011119395	Société Générale	2300	Constant Leverage Certificate	CAC 40 x7 Leveraged Index	3,014	482
FR0010673350	Société Générale	1300	Tracker Certificates	Gold	3,000	370
LU1815432056	Société Générale	1300	Tracker Certificates	CAC 40 x10 Short Index	2,820	560
LU1358178058	Société Générale	2100	Warrants	CAC 40	2,783	108
DE000KA2UCA5	Citi	2205	Open-End Knock-Out Warrants	CAC 40	2,636	132
DE000KA2V5L2	Citi	2200	Knock-Out Warrants	Nasdaq 100	2,582	144
LU1896510820	Société Générale	2210	Mini-Futures	CAC 40	2,457	124
LU1555074977	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	2,436	1,170
LU1910544235	Société Générale	2210	Mini-Futures	CAC 40	2,389	214
FRBNPP00PVU3	BNP Paribas	2205	Open-End Knock-Out Warrants	Orange (ex France Télécom)	2,351	1,656
FR0013337664	Commerzbank	1250	Capped Bonus Certificates	Casino	2,297	128
FR0011214527	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	2,294	944
DE000CV5YV80	Commerzbank	2210	Mini-Futures	S&P 500 Index	2,262	78
DE000CP85WH9	Citi	2205	Open-End Knock-Out Warrants	CAC 40	2,201	694
DE000CQ7CV43	Citi	2300	Constant Leverage Certificate	CAC 40 x15 Short Index	2,157	342
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leveraged Index	2,091	408
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	2,044	428
LU1964874769	Société Générale	2210	Mini-Futures	CAC 40	2,013	362
LU1969085106	Société Générale	2200	Knock-Out Warrants	CAC 40	1,895	112
LU1988766314	Société Générale	2200	Knock-Out Warrants	DAX 30	1,836	58
DE000CD21YJ2	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	1,774	34
DE000CU35700	Commerzbank	2210	Mini-Futures	CAC 40	1,736	96
FRBNPP00YTC7	BNP Paribas	2200	Knock-Out Warrants	CAC 40	1,689	122
DE000CU36A26	Commerzbank	2100	Warrants	CAC 40	1,665	114
DE000CU36GQ6	Commerzbank	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	1,632	76
DE000CU34Z22	Commerzbank	2100	Warrants	CAC 40	1,615	164
NL0013339492	BNP Paribas	2100	Warrants	CAC 40	1,592	46
DE000CJ82N37	Commerzbank	2210	Mini-Futures	CAC 40	1,590	68
FRBNPP011Y76	BNP Paribas	1250	Capped Bonus Certificates	CAC 40	1,497	26
LU1921011745	Société Générale	2210	Mini-Futures	CAC 40	1,473	554
DE000CJ5EG96	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	1,452	56
NL0013339351	BNP Paribas	2100	Warrants	CAC 40	1,420	148
DE000CU35718	Commerzbank	2210	Mini-Futures	CAC 40	1,419	50
DE000CJ5DV49	Commerzbank	2210	Mini-Futures	S&P 500 Index	1,403	24
DE000CU152X4	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	1,383	38
FRBNPP012LA4	BNP Paribas	2205	Open-End Knock-Out Warrants	Orange (ex France Télécom)	1,382	1,346
DE000CE4VX47	Commerzbank	2210	Mini-Futures	Air France KLM	1,373	82
DE000CU355T1	Commerzbank	2200	Knock-Out Warrants	CAC 40	1,372	526

(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:

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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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