



warrants and certificates

Activity report

Issue 96
July 2019

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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 31/07/2019)	22,152	750	1,671	51,345	75,917
New Products	10,012	163	574	13,687	24,436
New Products YTD	39,716	1,308	3,040	109,534	153,598
Value Traded (in €m)	396.0	19.9	156.3	228.6	800.9
Value Traded YTD (in €m)	2,684.9	78.9	773.8	1,819.4	5,357.0
Value Traded ADV (in €m)	17.2	0.9	6.8	9.9	34.8
Value Traded YTD ADV (in €m)	18.1	0.5	5.2	12.3	36.2
Number of Trades	156,970	3,974	11,121	93,400	265,465
Number of Trades YTD	1,085,572	32,203	66,916	669,121	1,853,812
Number of Trades ADV	6,825	173	484	4,061	11,542
Number of Trades YTD ADV	7,335	218	452	4,521	12,526

(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:

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

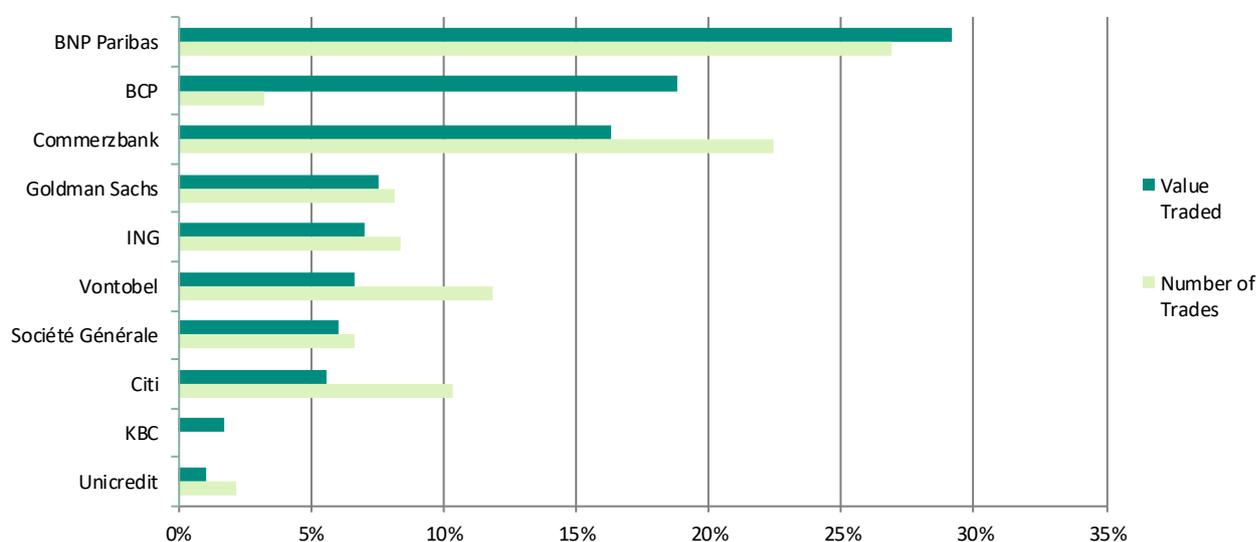
Market Overview

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	10,166	-11.5%	-19.0%	29.2%	3,104	0.1%	-12.3%	26.9%
BCP	6,545	16.8%	-6.8%	18.8%	369	-86.5%	-88.6%	3.2%
Commerzbank	5,694	32%	55%	16.4%	2,592	922.1%	878.0%	22.5%
Goldman Sachs	2,622	-6.2%	-19.6%	7.5%	936	-4.9%	-13.2%	8.1%
ING	2,447	0.0%	-15.0%	7.0%	963	0.5%	-7.6%	8.3%
Vontobel	2,320	-3.6%	-10.4%	6.7%	1,365	9.4%	46.8%	11.8%
Société Générale	2,111	-8.0%	-15.2%	6.1%	764	-37.0%	-43.9%	6.6%
Citi	1,952	3.8%	8.0%	5.6%	1,195	-9.5%	14.2%	10.4%
KBC	600	92%	62%	1.7%	3.2	-98.6%	-98.6%	0.0%
Unicredit	366	NA	186%	1.0%	250	NA	NA	2.2%
Total	34,822	3.8%	-5.3%	100%	11,542	-4.1%	-9.4%	100%

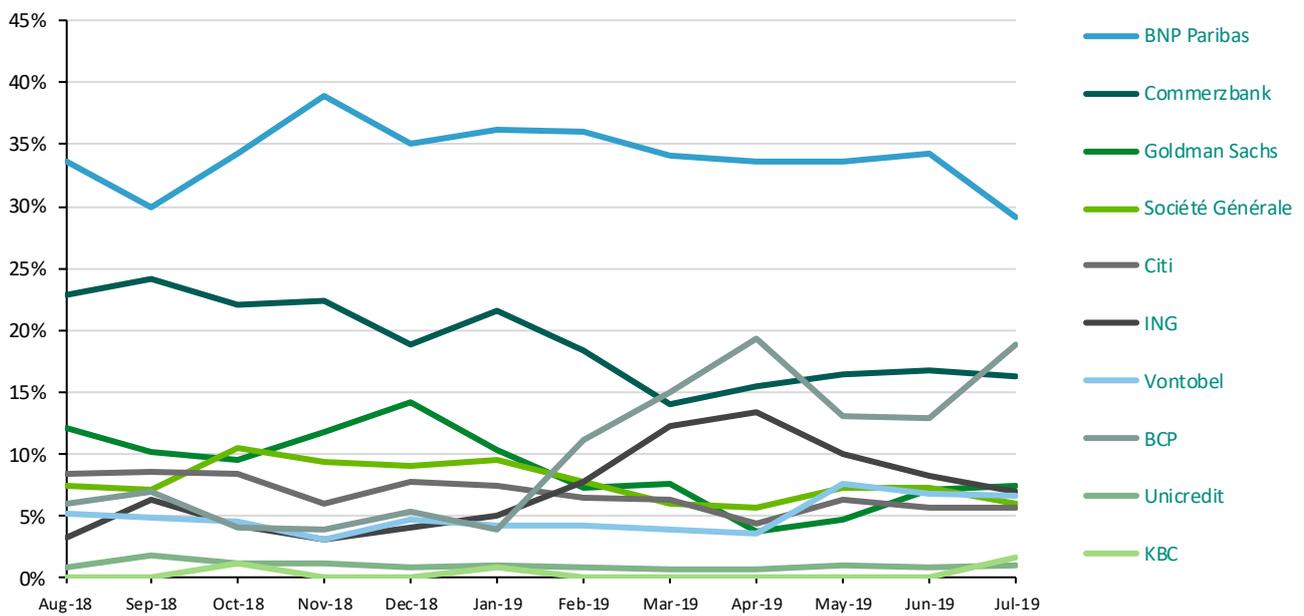
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ISSUERS

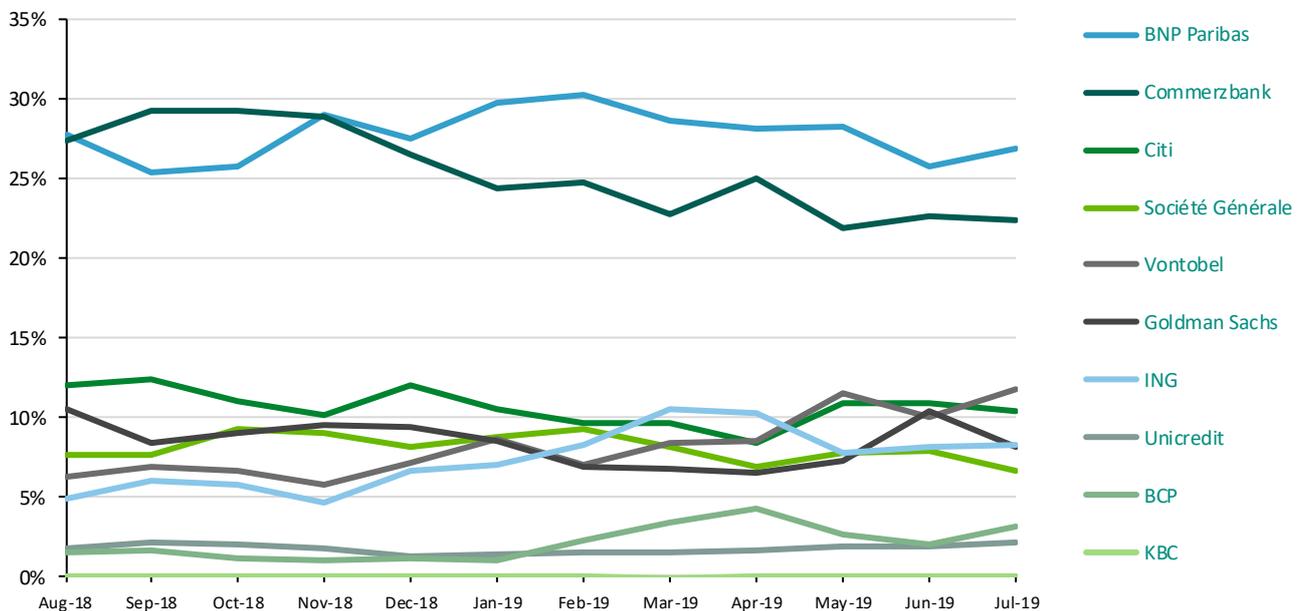
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

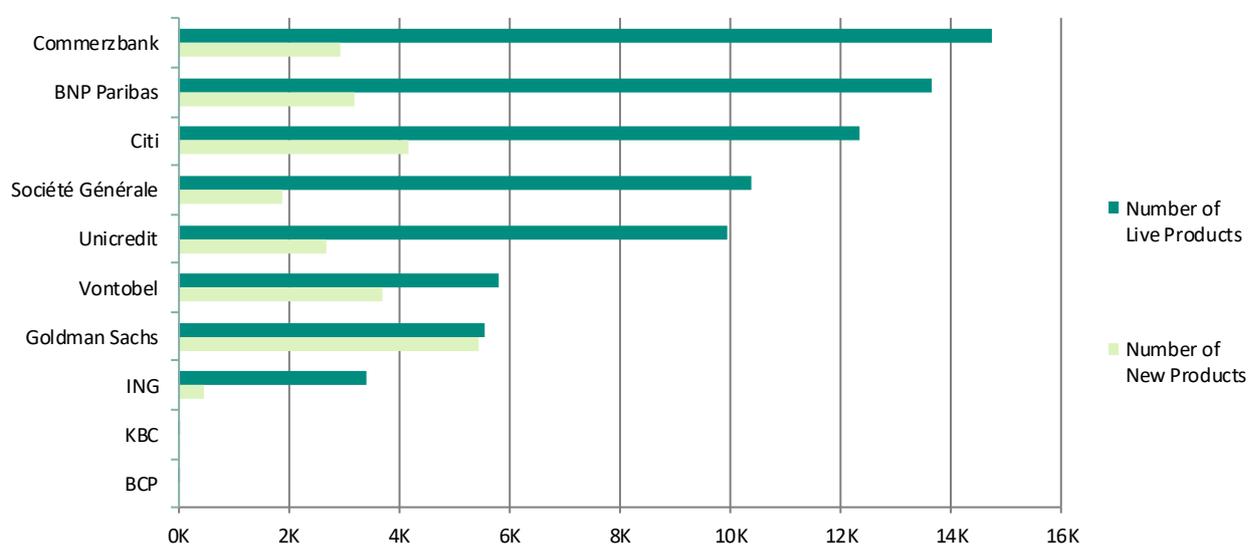
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	14,762	-6.6%	-4.0%	19.4%	2,931	-21%	-14.2%	12.0%
BNP Paribas	13,657	-3.2%	10.6%	18.0%	3,179	2.2%	-9.7%	13.0%
Citi	12,350	-6.1%	4.5%	16.3%	4,176	54%	17.2%	17.1%
Société Générale	10,401	-11.6%	4.4%	13.7%	1,882	-69%	-43%	7.7%
Unicredit	9,938	1.0%	26%	13.1%	2,675	-31%	21%	10.9%
Vontobel	5,816	1.5%	1.2%	7.7%	3,684	49%	29%	15.1%
Goldman Sachs	5,555	-3.8%	8.4%	7.3%	5,440	304%	227%	22.3%
ING	3,391	4.5%	9.0%	4.5%	467	4.7%	33%	1.9%
KBC	26	8.4%	7.2%	0.0%	2	100%	33%	0.0%
BCP	22	0.2%	0.3%	0.0%	0			0.0%
Total	75,917	-4.5%	6.3%	100%	24,436	3.4%	16.9%	100%

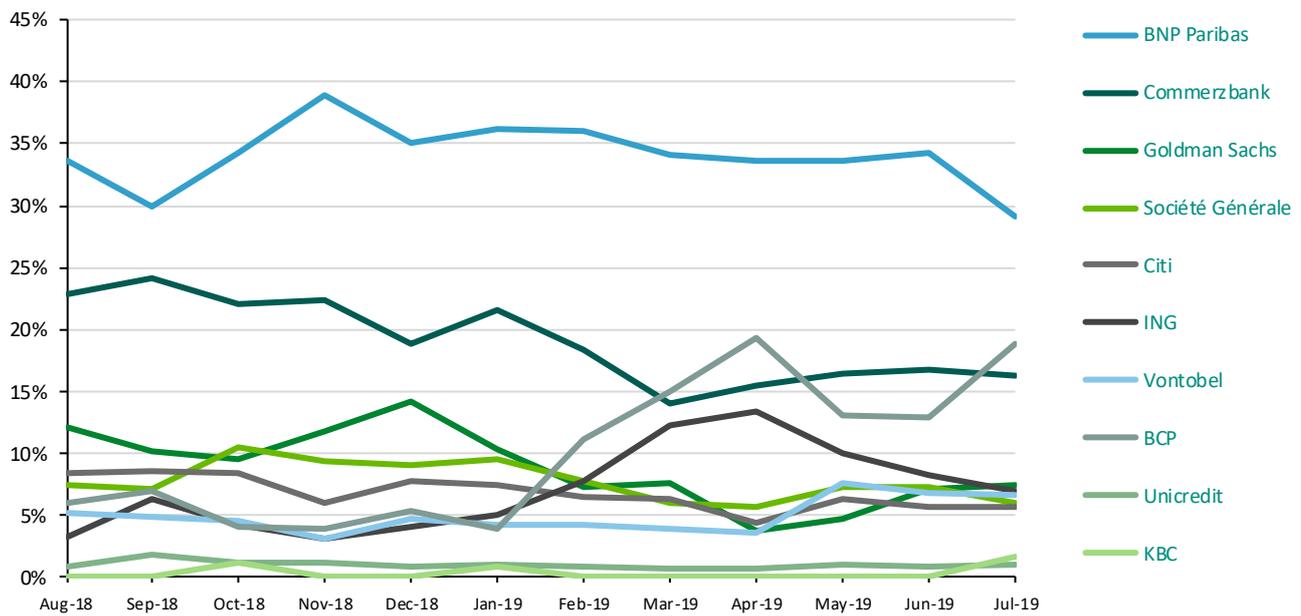
(Source Euronext)



ISSUERS

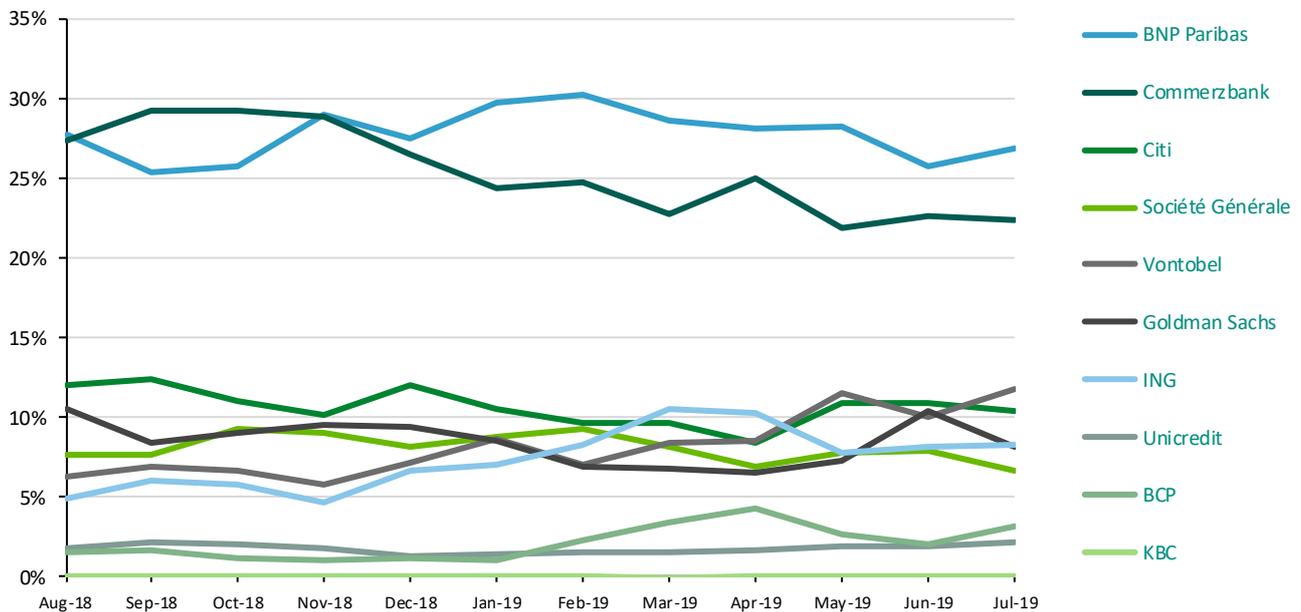
Product Trend: Number of Live Products

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)

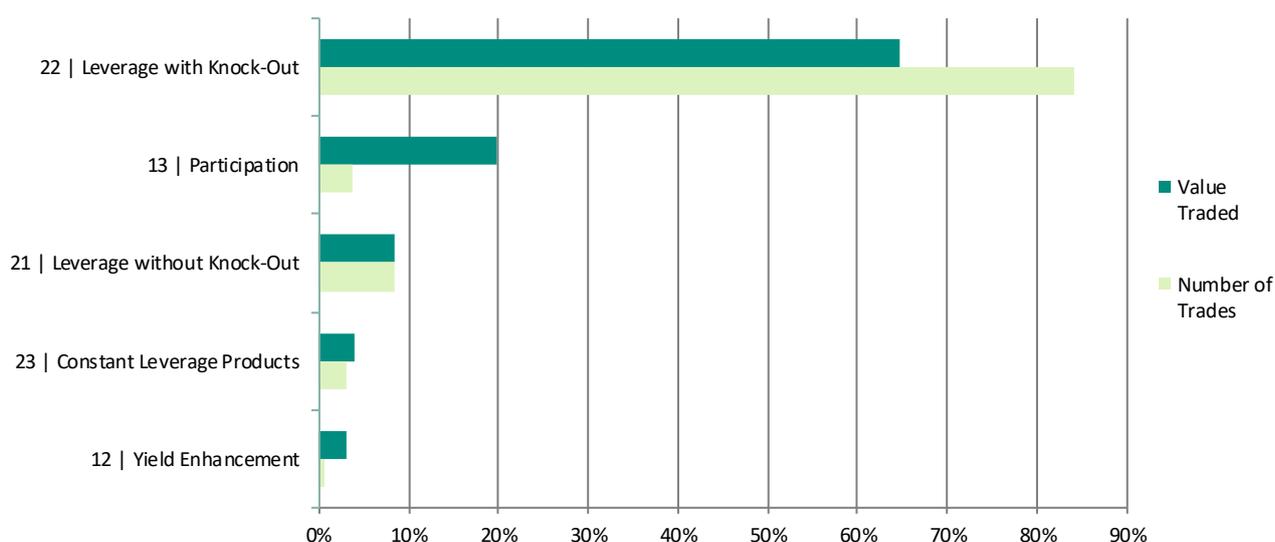
Market Overview

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	22,544	7.7%	-10.5%	64.7%	9,727	-3.3%	-7.9%	84.3%
13 Participation	6,880	20.0%	37%	19.8%	423	-63.6%	-66.7%	3.7%
21 Leverage without Knock-Out	2,948	-39%	-28%	8.5%	969	189.7%	189.1%	8.4%
23 Constant Leverage Products	1,353	-4.9%	-26%	3.9%	350	-16.3%	-30.1%	3.0%
12 Yield Enhancement	1,097	72%	69%	3.2%	72	7.4%	-0.2%	0.6%
Total	34,822	3.8%	-5.3%	100%	11,542	-4.1%	-9.4%	100%

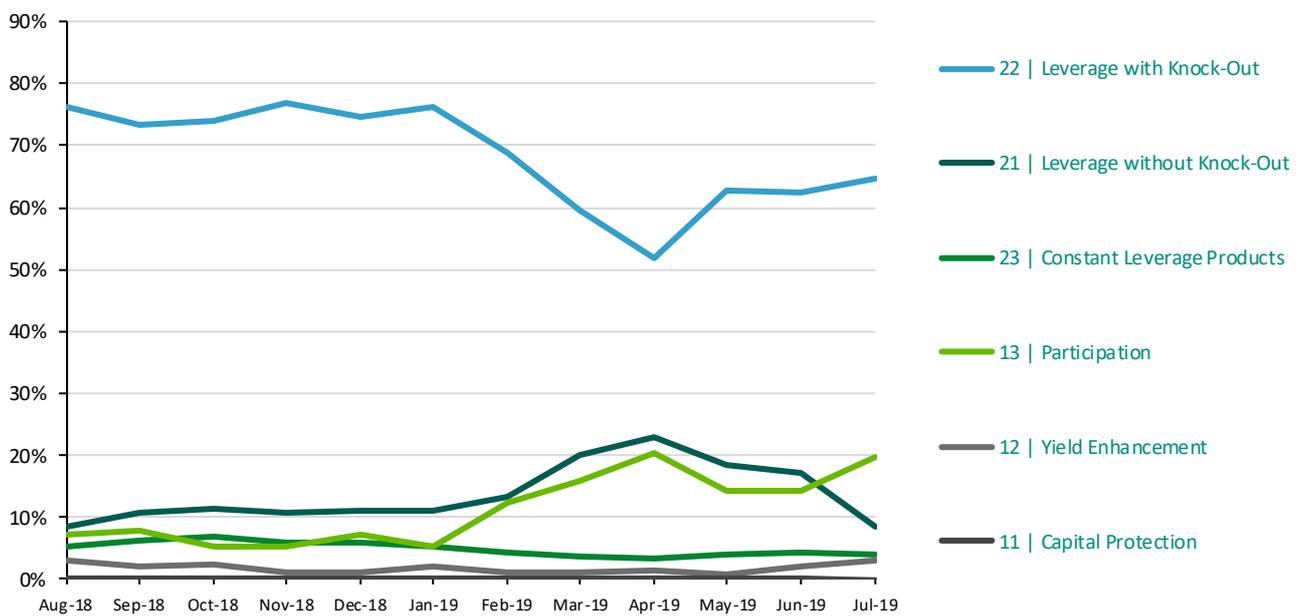
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

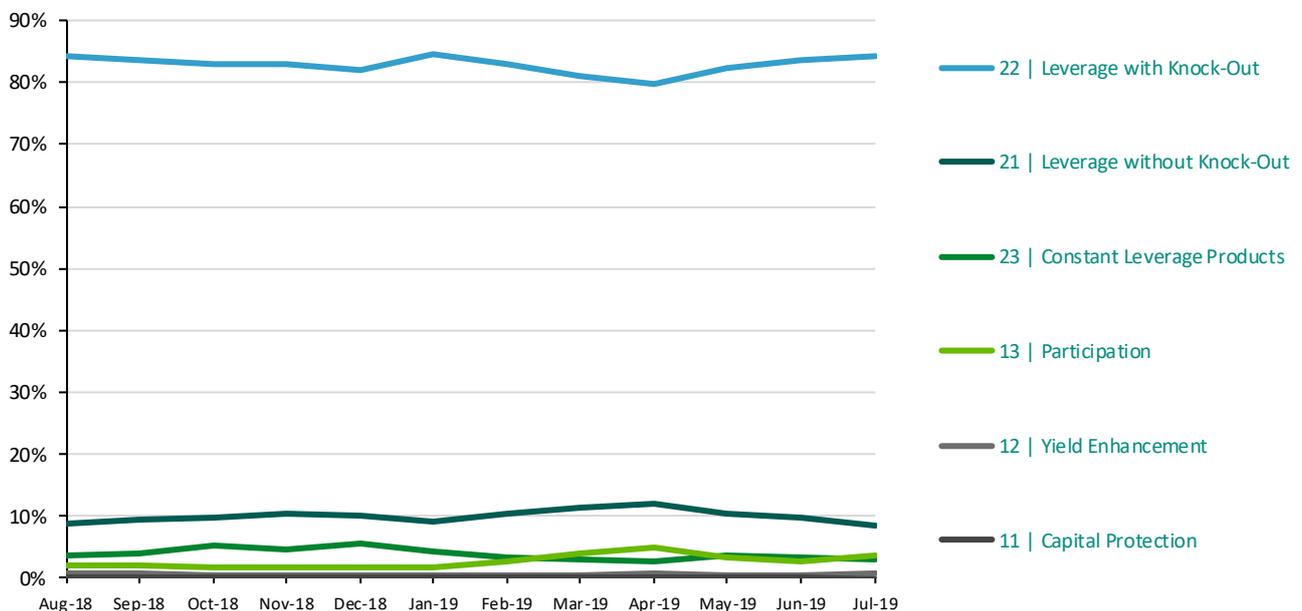
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

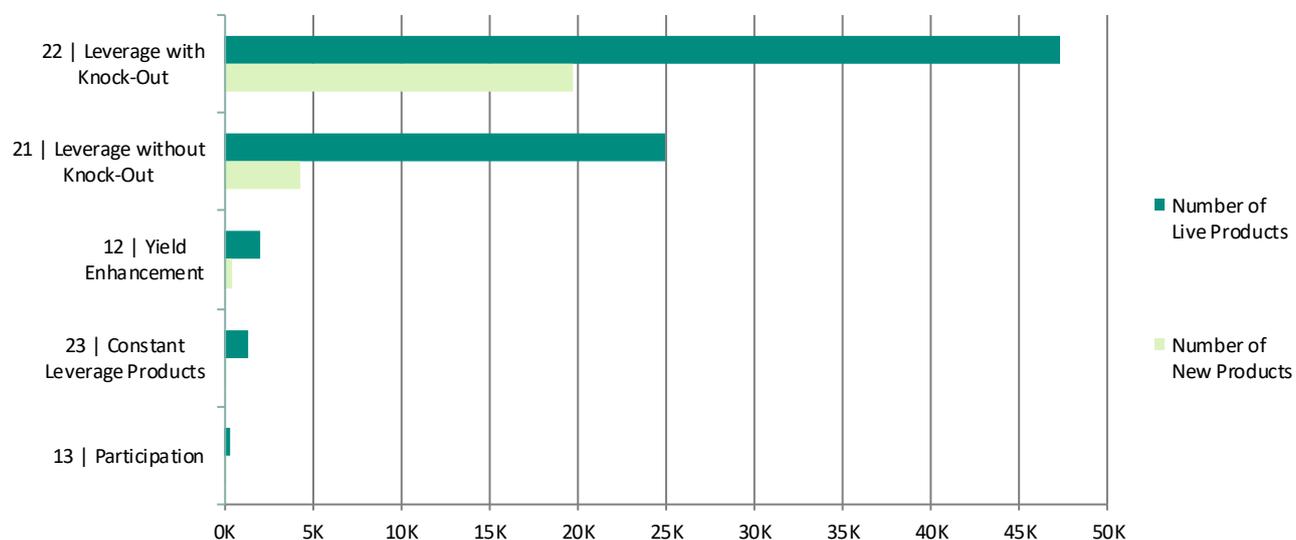
Product Overview

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	47,294	-3.4%	5.5%	62.3%	19,737	16.2%	22%	80.8%
21 Leverage without Knock-Out	24,957	-5.5%	8.7%	32.9%	4,290	-32%	-1.3%	17.6%
12 Yield Enhancement	2,014	-17.4%	0.4%	2.7%	378	23%	37%	1.5%
23 Constant Leverage Products	1,387	0.4%	5.4%	1.8%	19	-63%	-69%	0.1%
13 Participation	266	-6.9%	-11.0%	0.4%	12	-33%	-1.4%	0.0%
Total	75,917	-4.5%	6.3%	100%	24,436	3.4%	16.9%	100%

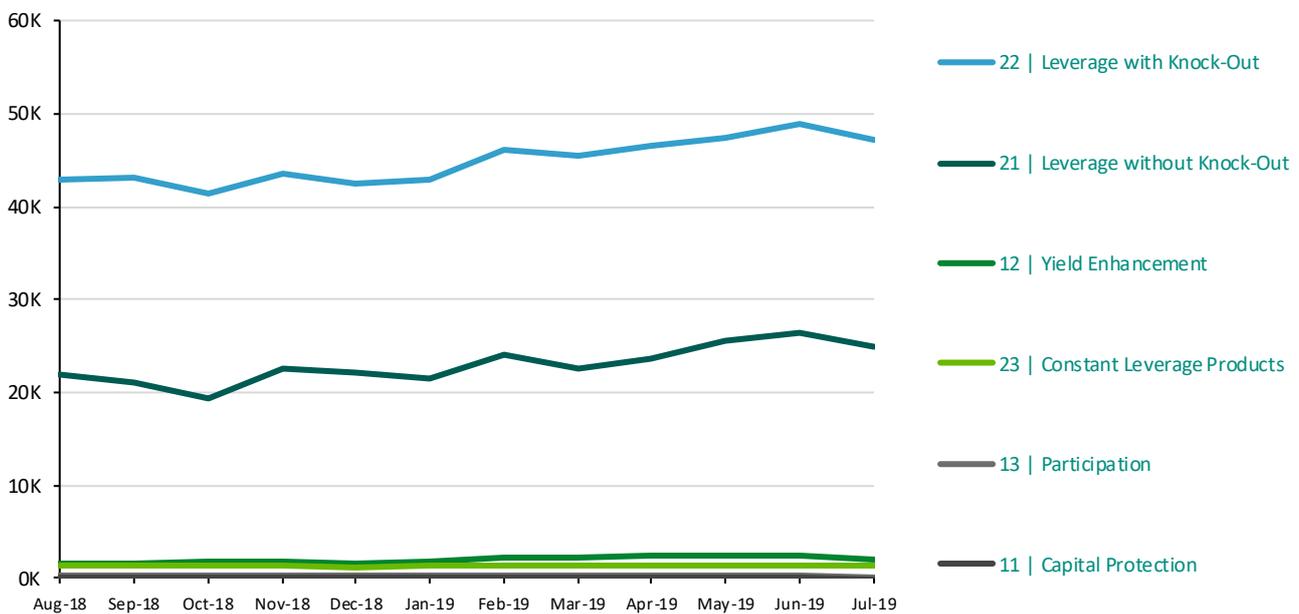
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

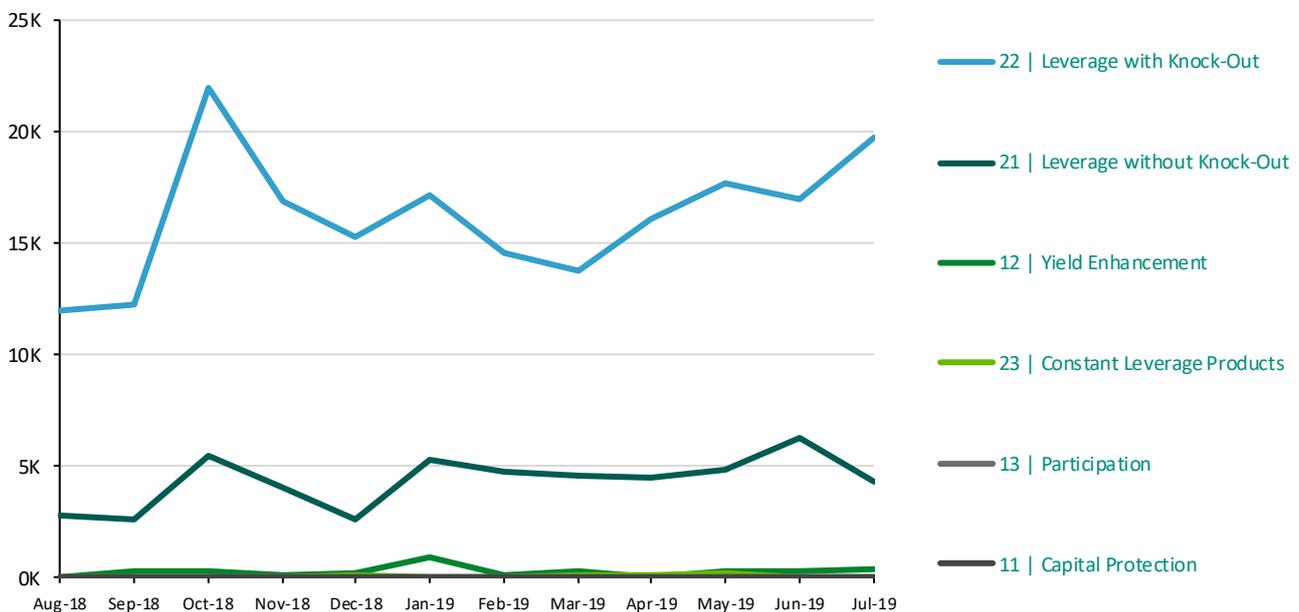
Product Trend: Number of Live Products

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)

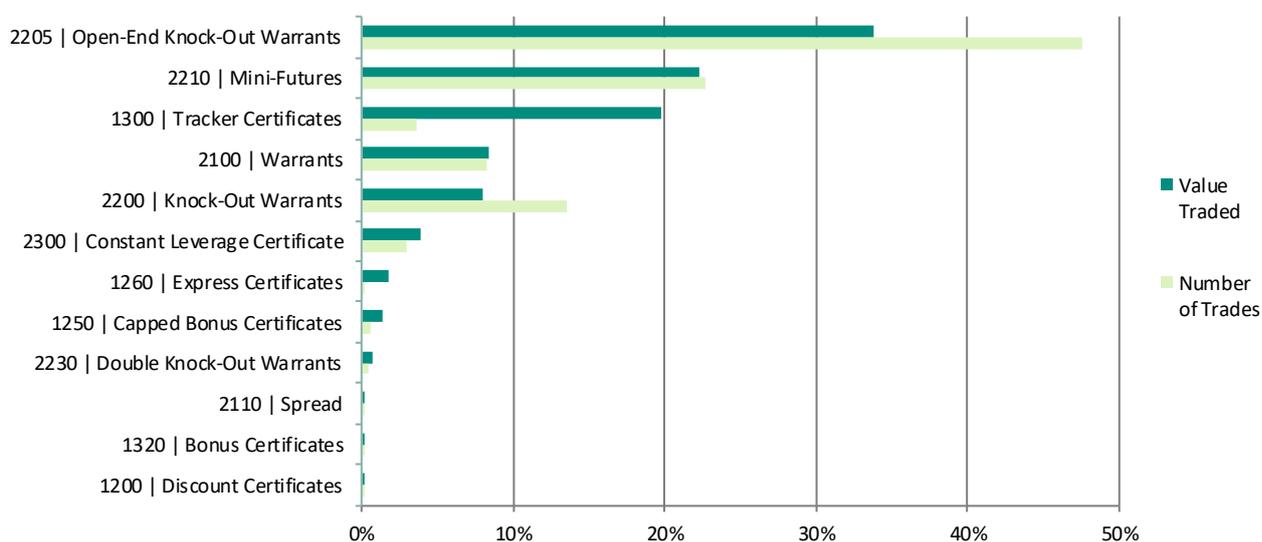
Market Overview

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	11,770	10.4%	-5.3%	33.8%	5,490	-6.0%	-10.0%	47.6%
2210 Mini-Futures	7,774	12.2%	-13.3%	22.3%	2,620	14.8%	-4.0%	22.7%
1300 Tracker Certificates	6,880	21%	38%	19.8%	423	-63%	-67%	3.7%
2100 Warrants	2,916	-40%	-29%	8.4%	959	189%	188%	8.3%
2200 Knock-Out Warrants	2,764	-13.1%	-25%	7.9%	1,564	-17.5%	-8.1%	13.6%
2300 Constant Leverage Certificate	1,353	-4.9%	-26%	3.9%	350	-16.3%	-30%	3.0%
1260 Express Certificates	600	-5.7%	13.9%	1.7%	3.2	-95%	-96%	0.0%
1250 Capped Bonus Certificates	497	214%	307%	1.4%	69	77%	NA	0.6%
2230 Double Knock-Out Warrants	236	495%	146%	0.7%	54	371%	107%	0.5%
2110 Spread	32	448%	9.8%	0.1%	9.7	288%	2.8%	0.1%
1320 Bonus Certificates	0	1.7%	-96%	0.0%	0.2	45%	-92%	0.0%
1200 Discount Certificates	0	40%	-86%	0.0%	0.1	161%	-40%	0.0%
Total	34,822	3.8%	-5.3%	100%	11,542	-4.1%	-9.4%	100%

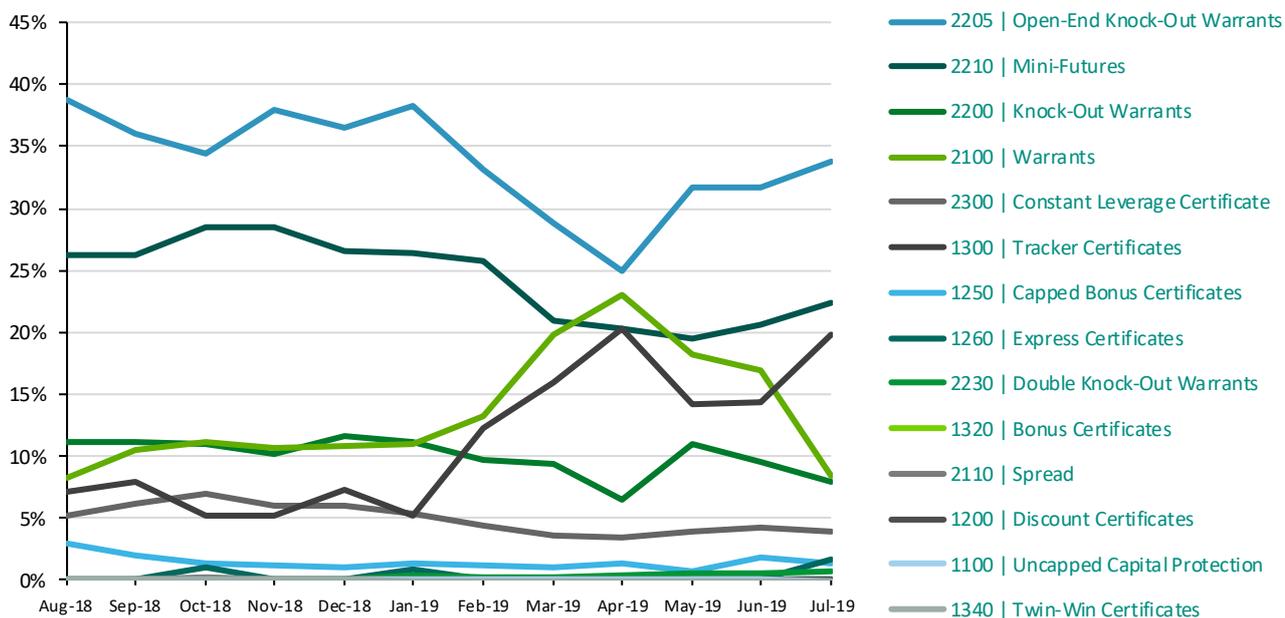
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

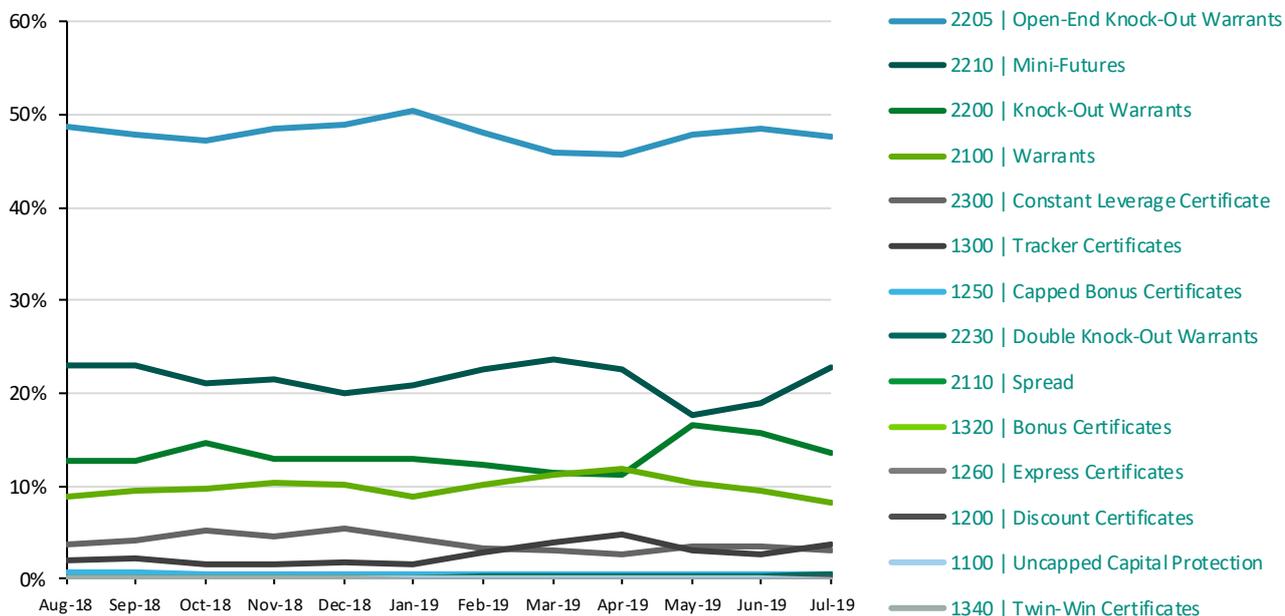
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

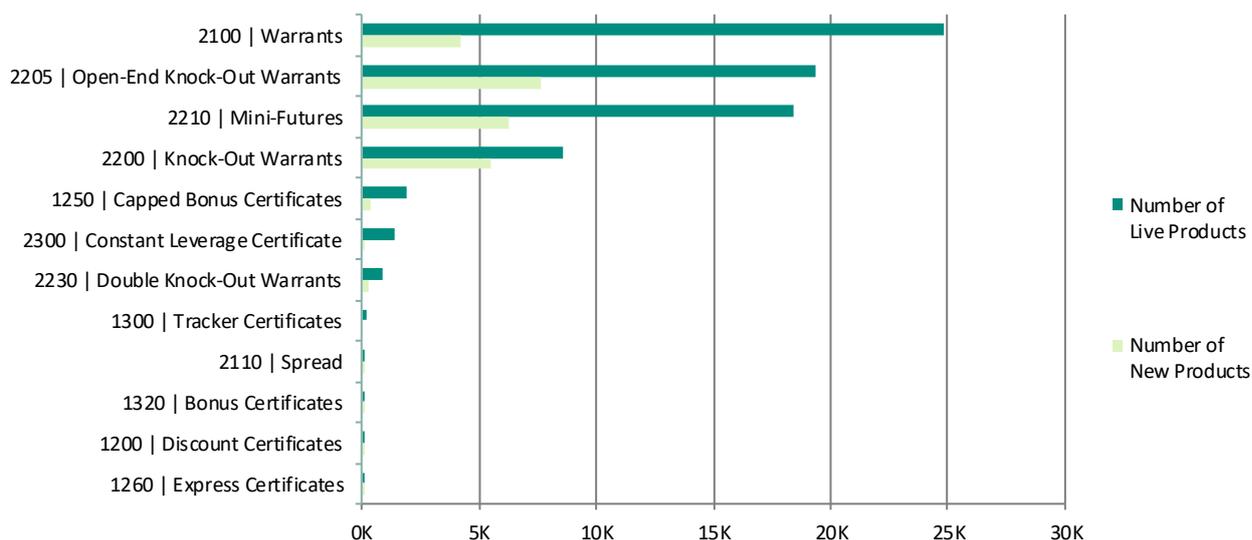
Product Overview

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	24,854	-5.5%	8.8%	32.7%	4,266	-32%	-1.5%	17.5%
2205 Open-End Knock-Out Warrants	19,377	3.1%	8.2%	25.5%	7,660	35%	40%	31.3%
2210 Mini-Futures	18,449	-2.3%	1.6%	24.3%	6,318	59%	43%	25.9%
2200 Knock-Out Warrants	8,595	-16.8%	3.4%	11.3%	5,480	-22%	-10.3%	22.4%
1250 Capped Bonus Certificates	1,959	-17.2%	1.3%	2.6%	362	27%	35%	1.5%
2300 Constant Leverage Certificate	1,387	0.4%	5.4%	1.8%	19	-63%	-69%	0.1%
2230 Double Knock-Out Warrants	874	-9.6%	93%	1.2%	279	-13.1%	41%	1.1%
1300 Tracker Certificates	170	-0.5%	-3.1%	0.2%	0		-100%	0.0%
2110 Spread	103	-2.1%	-5.7%	0.1%	24	60%	42%	0.1%
1320 Bonus Certificates	96	-16.4%	-22%	0.1%	12	-33%	7.5%	0.0%
1200 Discount Certificates	52	-28%	-26%	0.1%	15	-32%	86%	0.1%
1260 Express Certificates	4	47%	102%	0.0%	1		200%	0.0%
Total	75,917	-4.5%	6.3%	100%	24,436	3.4%	16.9%	100%

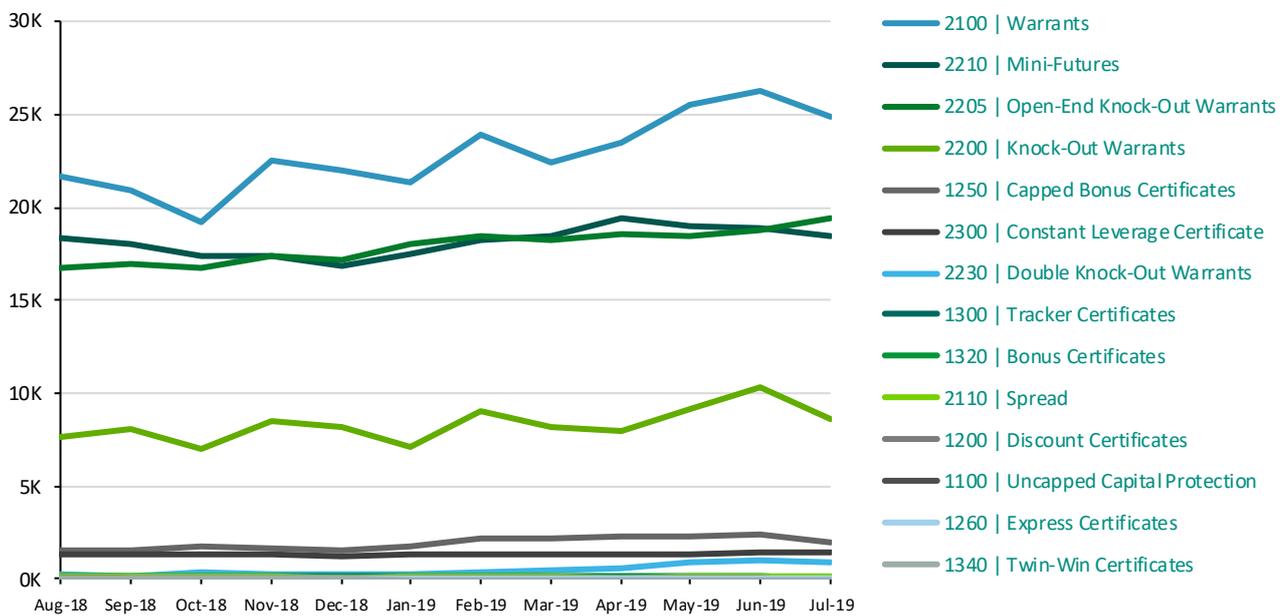
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

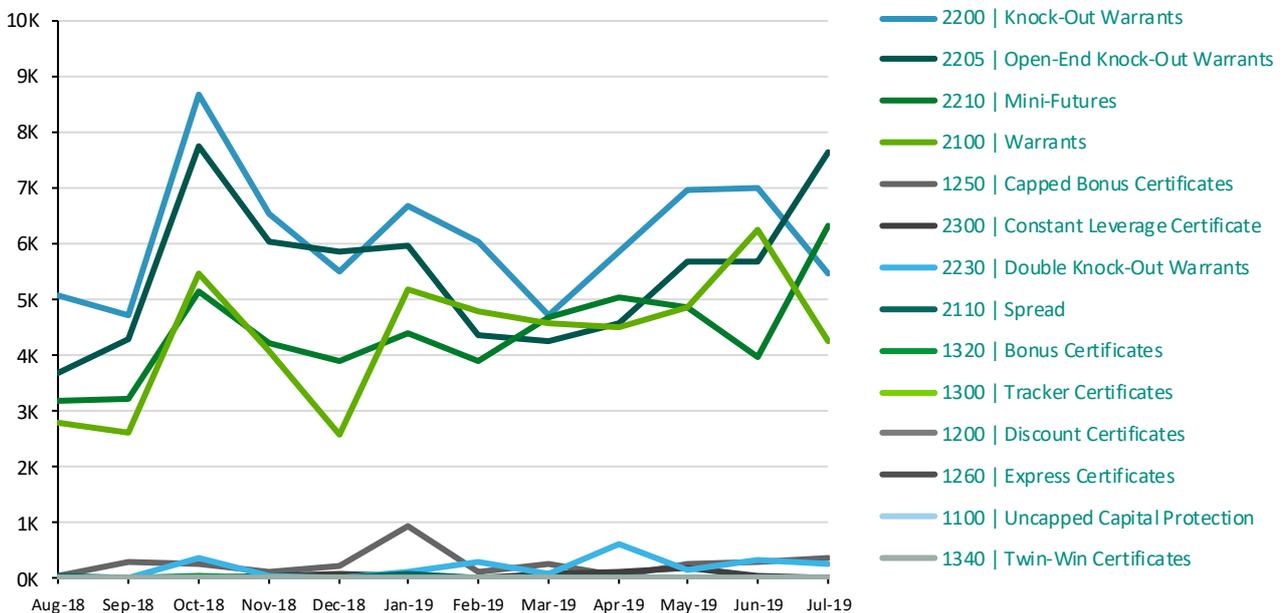
Product Trend: Number of Live Products

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

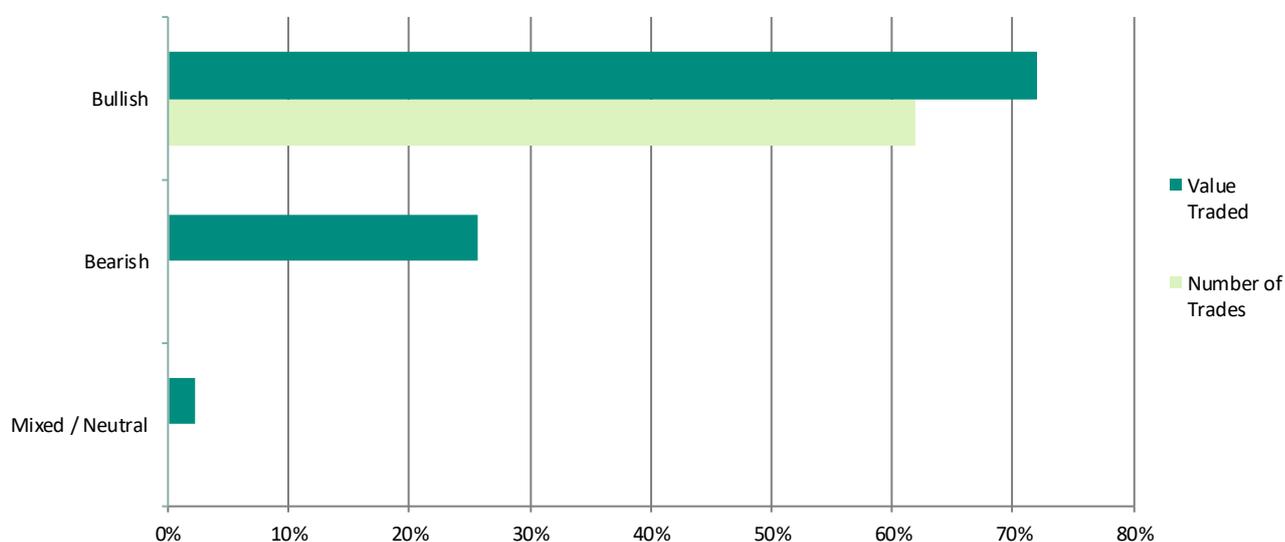
Market Overview

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	25,103	5.1%	-0.3%	72.1%	7,140	-1.1%	-11.7%	61.9%
Bearish	8,949	1.4%	-18.1%	25.7%	0.0	-100%	-100%	0.0%
Mixed / Neutral	769	-8.0%	17.1%	2.2%	0.0	-100%	-100%	0.0%
Total	34,822	3.8%	-5.3%	100%	11,542	-4.1%	-9.4%	100%

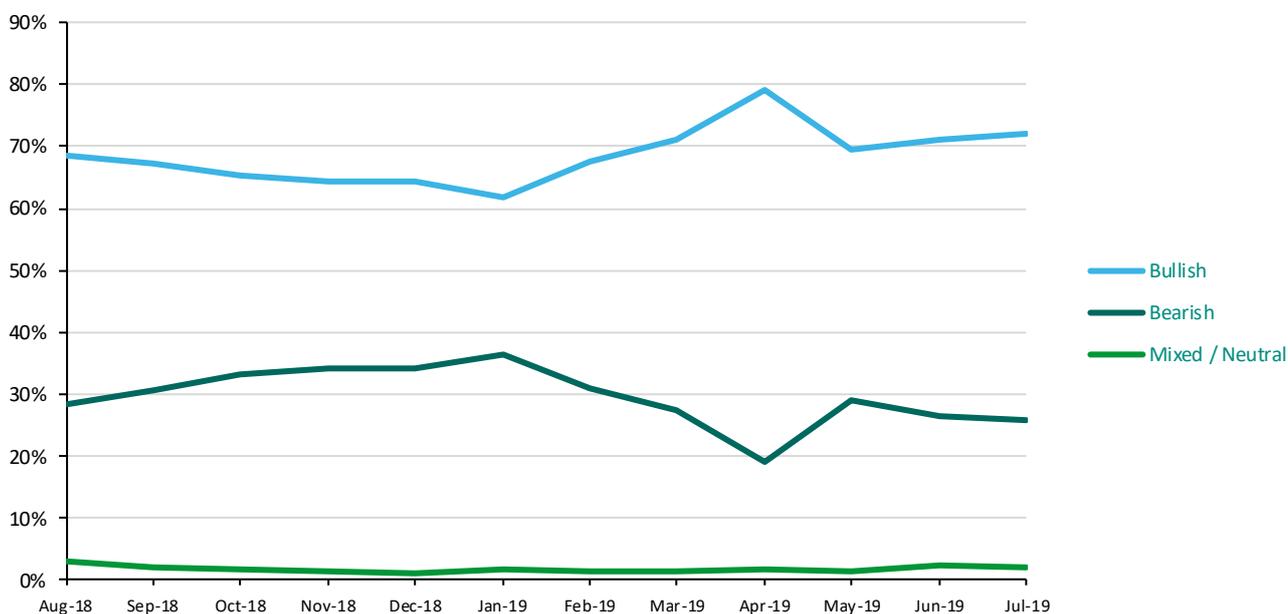
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PRODUCT STRATEGIES

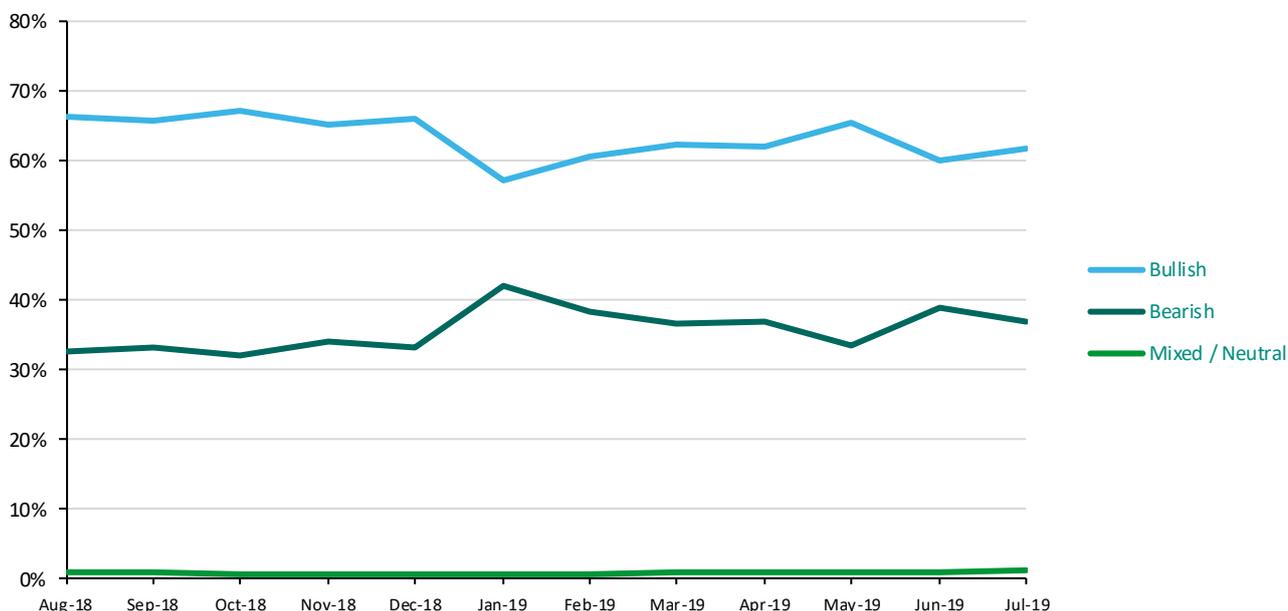
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

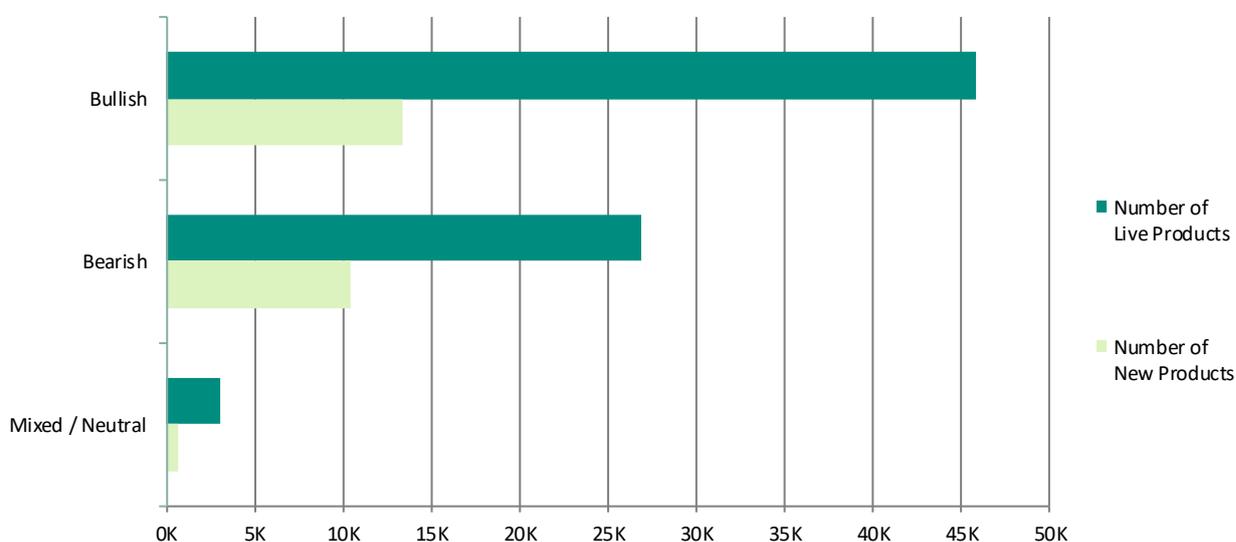
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	45,885	0.8%	12.9%	60.4%	13,332	-1.0%	18.9%	54.6%
Bearish	26,939	-11.1%	-4.1%	35.5%	10,424	9.4%	13.4%	42.7%
Mixed / Neutral	3,094	-14.5%	15.6%	4.1%	680	5.6%	37%	2.8%
Total	75,917	-4.5%	6.3%	100%	24,436	3.4%	16.9%	100%

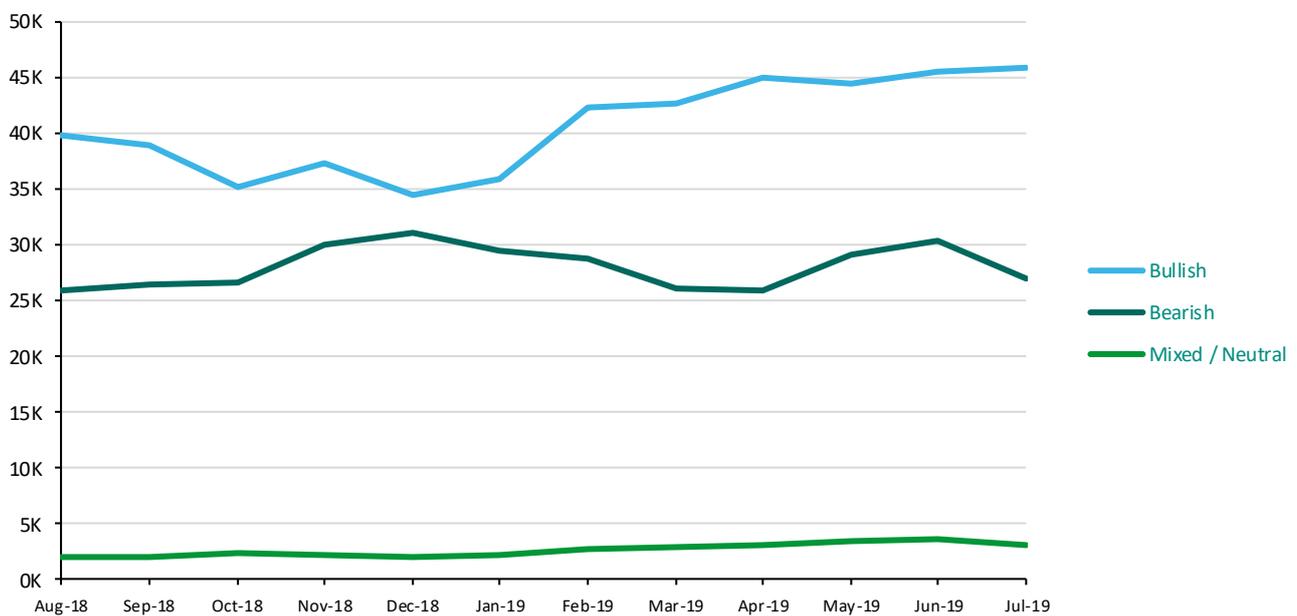
(Source Euronext)



PRODUCT STRATEGIES

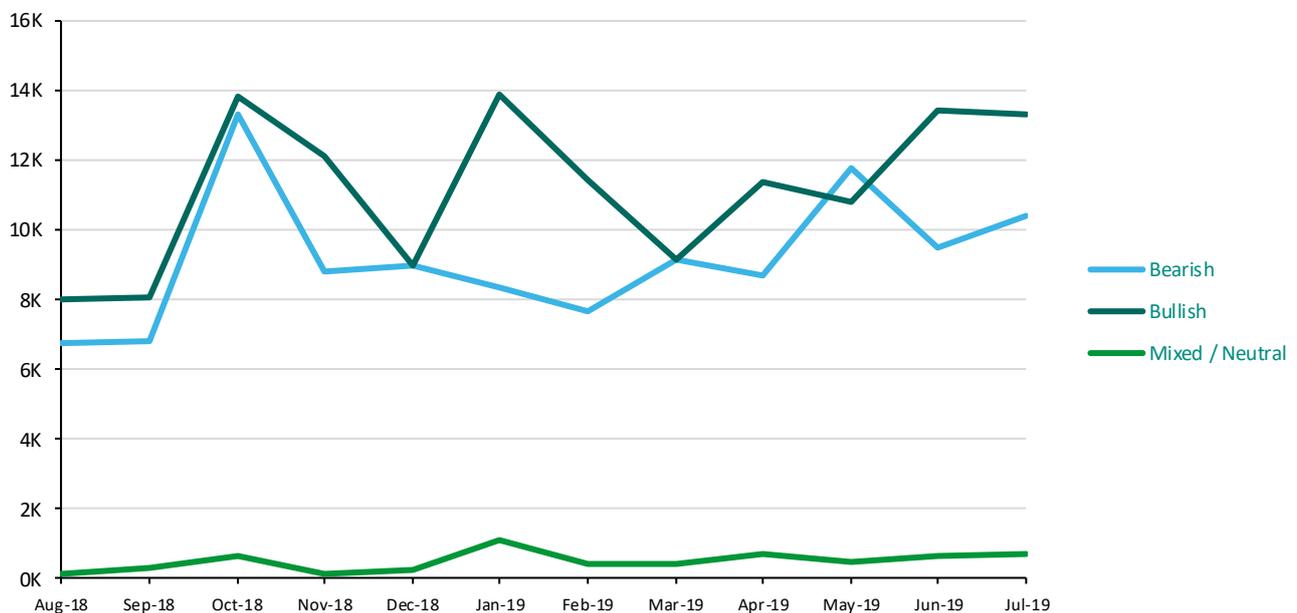
Product Trend: Number of Live Products

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

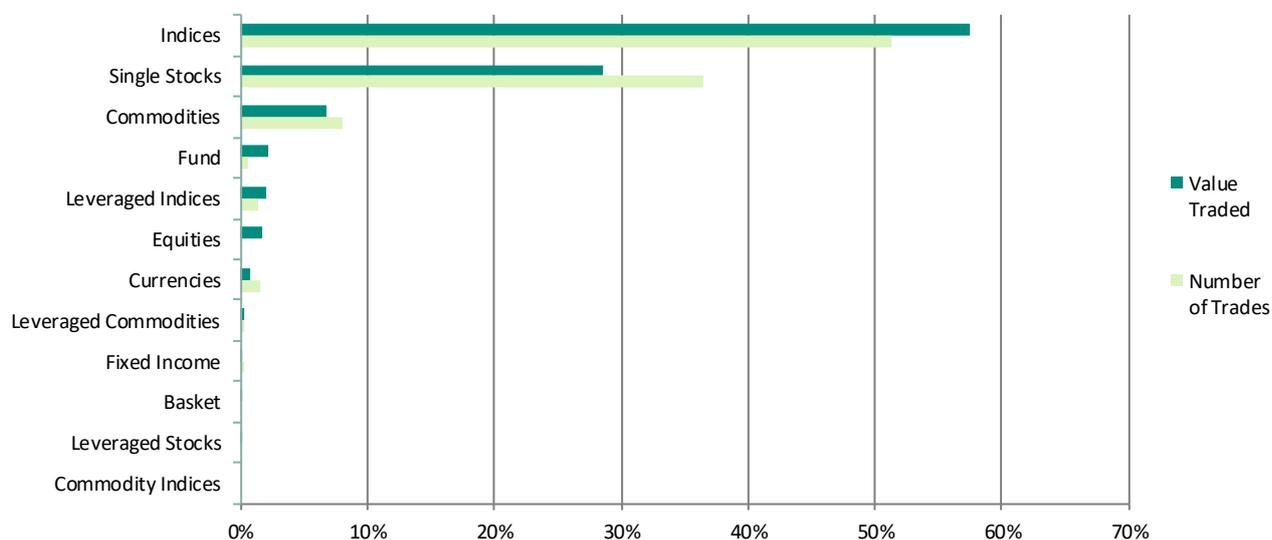
Market Overview

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	20,002	8.9%	-3.3%	57.4%	5,925	-9.3%	-12.6%	51.3%
Single Stocks	9,924	26%	5.8%	28.5%	4,205	8.5%	-2.9%	36.4%
Commodities	2,377	-35%	3.5%	6.8%	925	369.0%	496.3%	8.0%
Fund	783	-67%	-62%	2.2%	73	-92.4%	-90.9%	0.6%
Leveraged Indices	694	-17.2%	-36%	2.0%	163	-26.4%	-39.1%	1.4%
Equities	600	185%	-37%	1.7%	3.3	-98.2%	-98.7%	0.0%
Currencies	274	118%	42%	0.8%	182	551.6%	120.9%	1.6%
Leveraged Commodities	76	97%	26%	0.2%	24	-12.7%	-17.1%	0.2%
Fixed Income	48	64%	44%	0.1%	28	NA	60.9%	0.2%
Basket	31	474%	59%	0.1%	2.6	-64.7%	28.7%	0.0%
Leveraged Stocks	14	NA	-30%	0.0%	9.7	NA	-10.9%	0.1%
Commodity Indices	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	34,822	3.8%	-5.3%	100%	11,542	-4.1%	-9.4%	100%

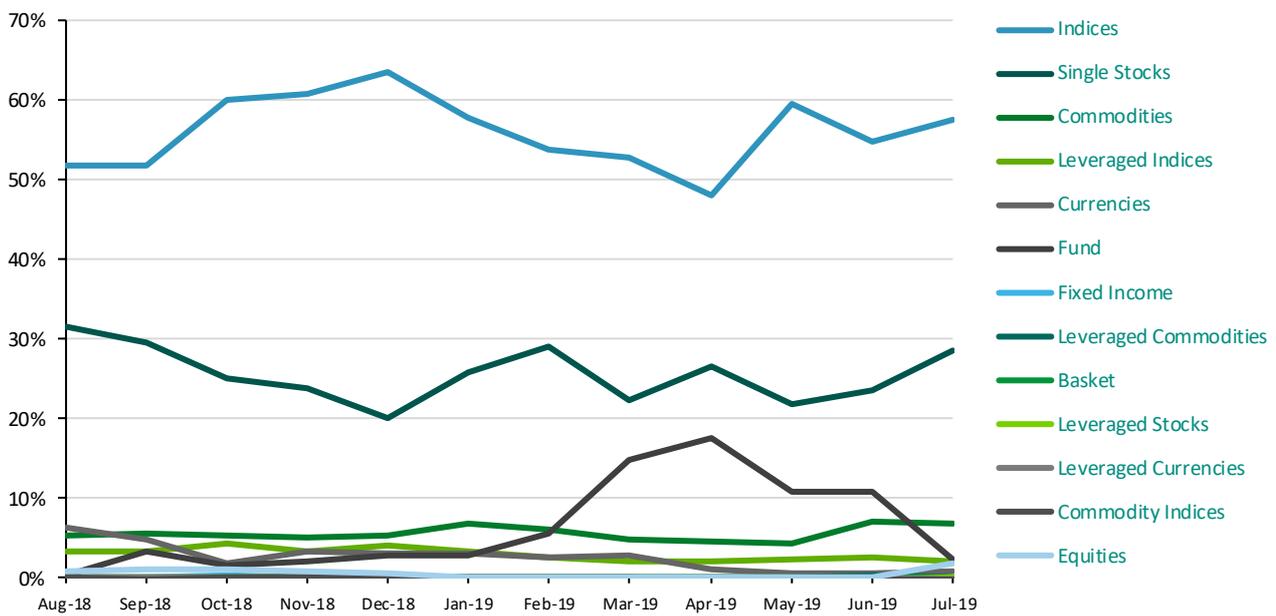
(Source Euronext)



UNDERLYING TYPES

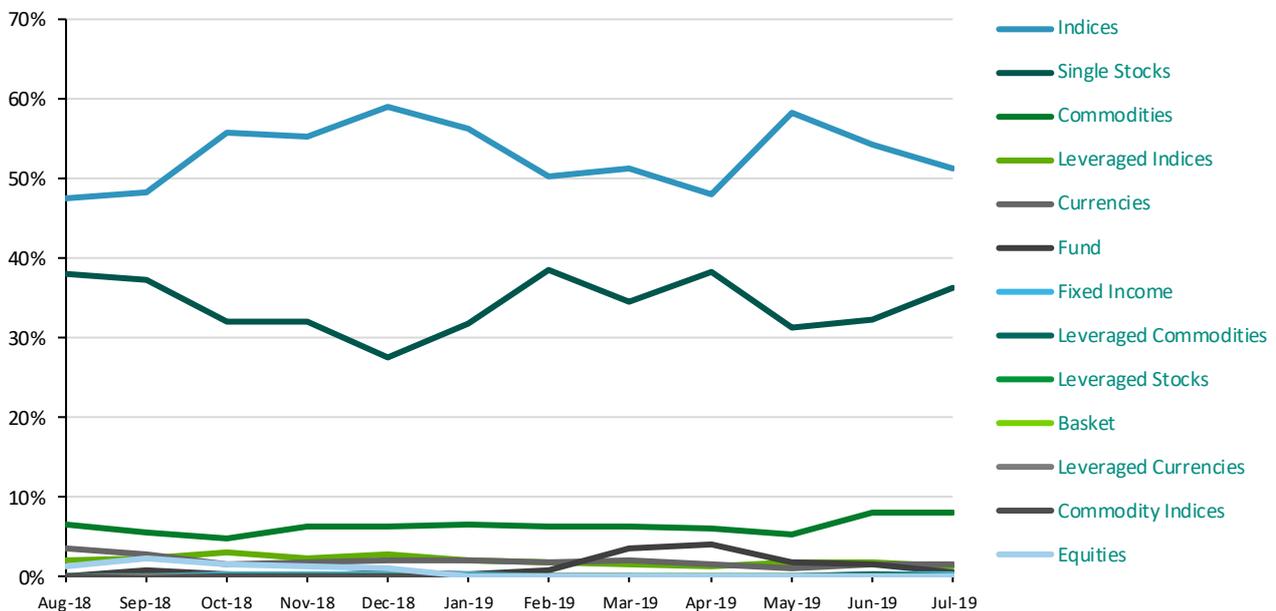
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

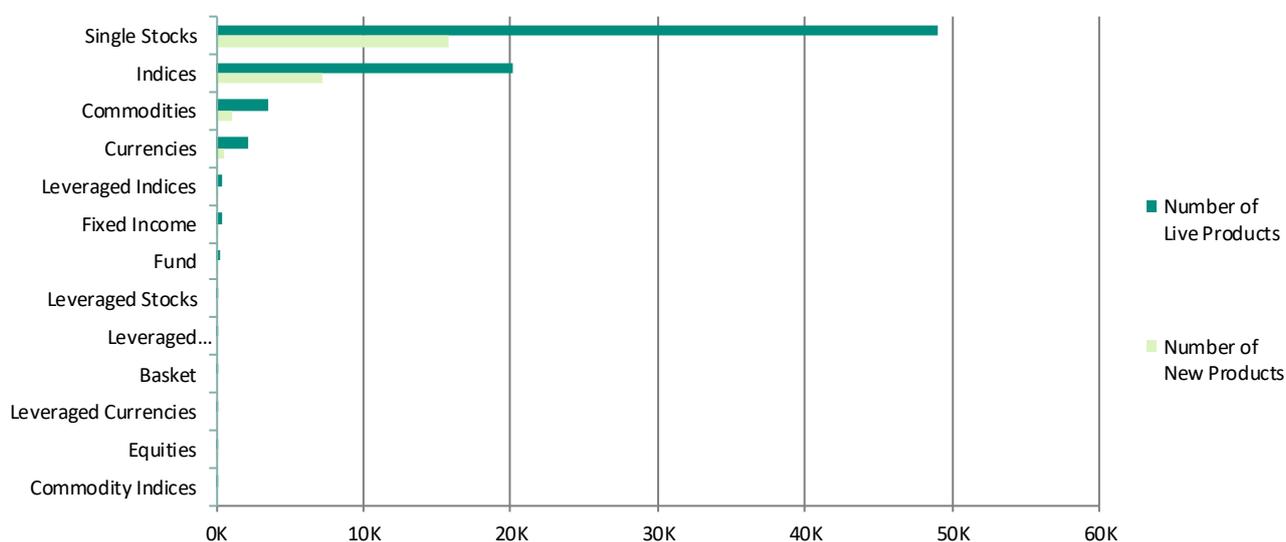
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	49,059	-2.4%	10.0%	64.6%	15,728	17.7%	32%	64.4%
Indices	20,175	-8.2%	2.9%	26.6%	7,166	-16.8%	-6.6%	29.3%
Commodities	3,445	-5.1%	-2.2%	4.5%	1,008	-16.0%	21%	4.1%
Currencies	2,104	-14.0%	-10.3%	2.8%	472	15.7%	4.8%	1.9%
Leveraged Indices	345	2.2%	-6.0%	0.5%	15		100%	0.1%
Fixed Income	307	-5.7%	-3.0%	0.4%	43	19.4%	98%	0.2%
Fund	171	5.0%	19.0%	0.2%	3	-25%	-43%	0.0%
Leveraged Stocks	155	-0.5%	8.5%	0.2%	0		-100%	0.0%
Leveraged Commodities	125	-1.2%	2.8%	0.2%	0		-100%	0.0%
Basket	19	-0.6%	1.4%	0.0%	0			0.0%
Leveraged Currencies	8	0.0%	-8.9%	0.0%	0			0.0%
Equities	4	129%	-98%	0.0%	1	-67%	200%	0.0%
Commodity Indices	1	0.0%	-34%	0.0%	0			0.0%
Total	75,917	-4.5%	6.3%	100%	24,436	3.4%	16.9%	100%

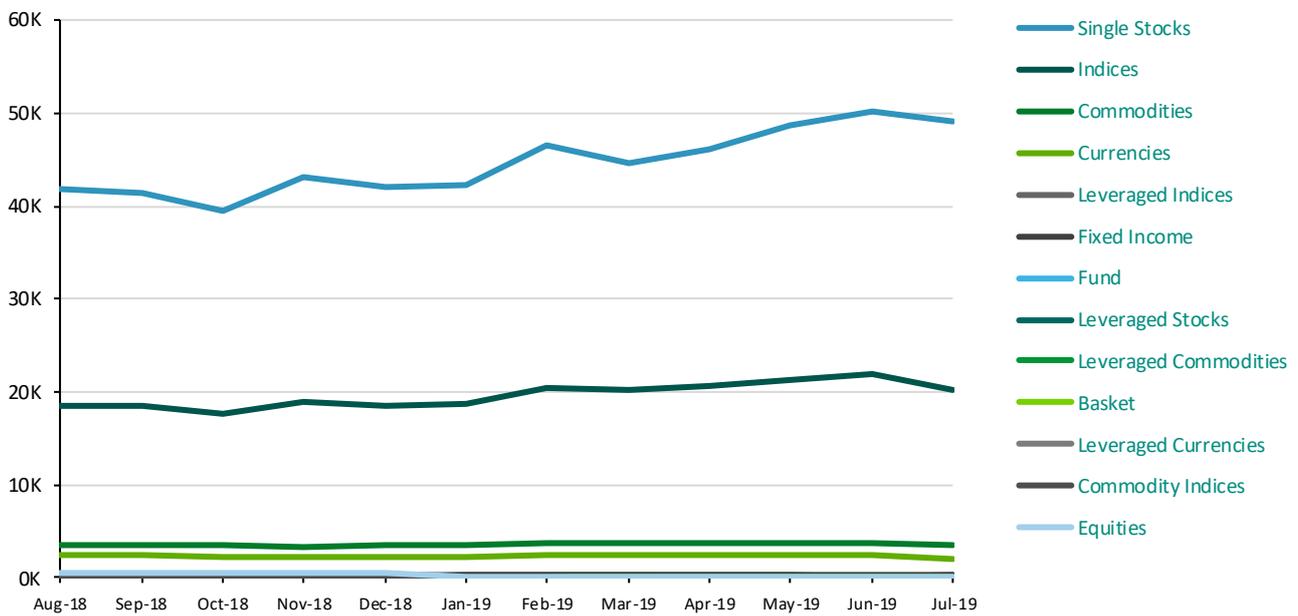
(Source Euronext)



UNDERLYING TYPES

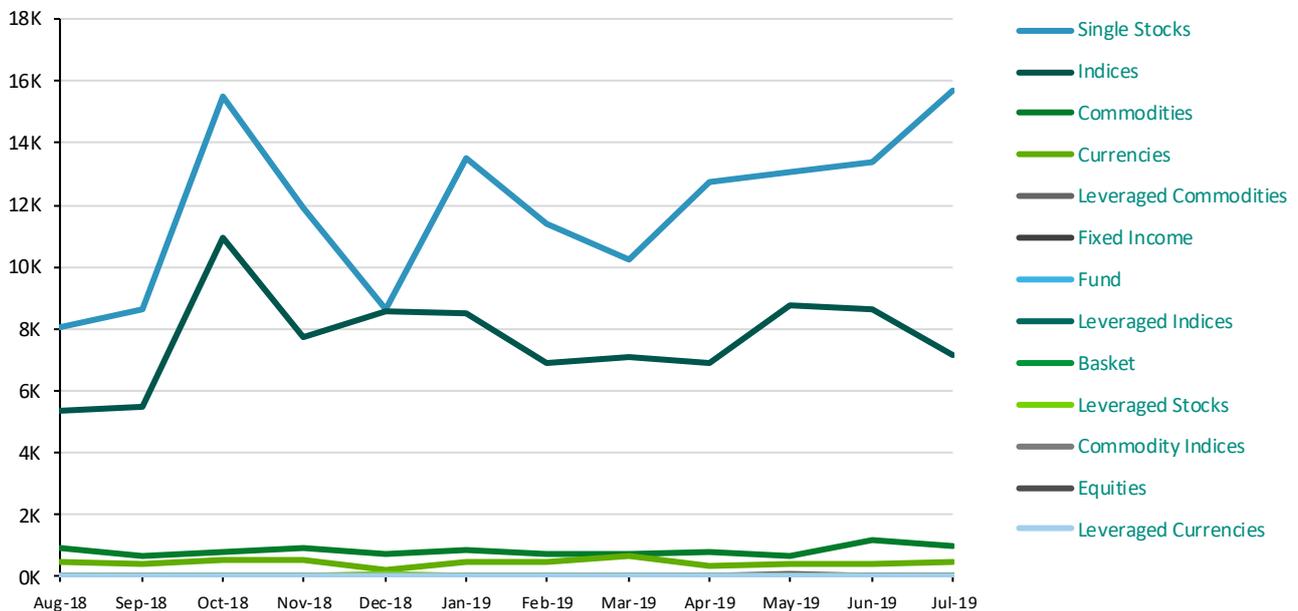
Product Trend: Number of Live Products

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

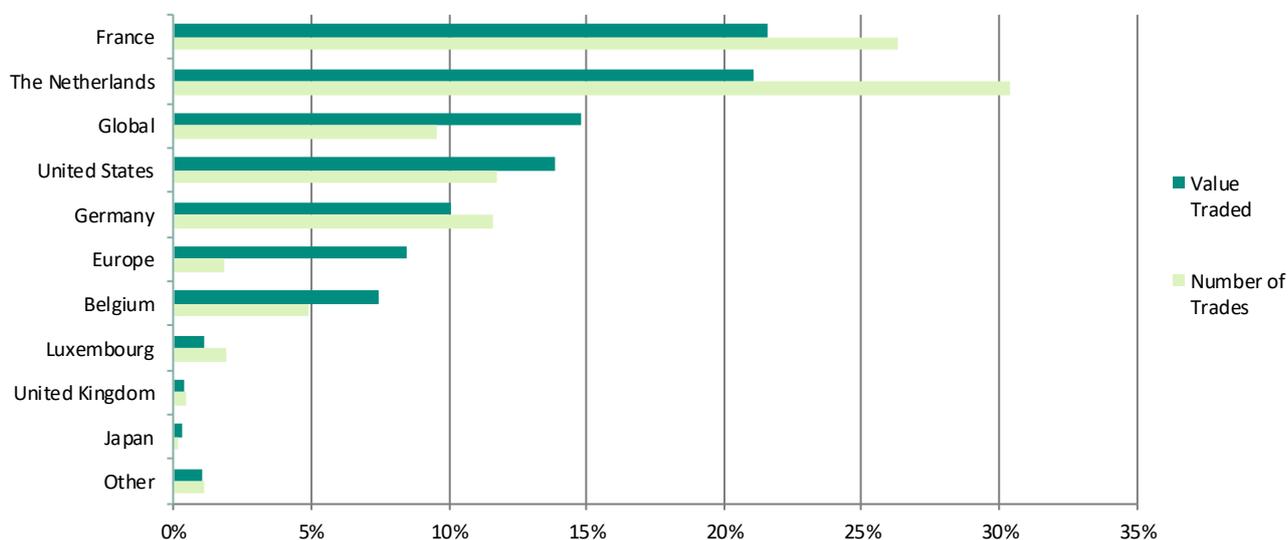
Market Overview

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	7,526	-3.3%	-22%	21.6%	3,041	-19.4%	-24.0%	26.3%
The Netherlands	7,341	-0.8%	-12.6%	21.1%	3,506	9.0%	-2.1%	30.4%
Global	5,152	8.9%	-12.7%	14.8%	1,105	272%	-31%	9.6%
United States	4,822	2.3%	28%	13.8%	1,357	-8.7%	-9.0%	11.8%
Germany	3,499	-18.5%	2.2%	10.0%	1,339	20%	43%	11.6%
Europe	2,942	6.7%	-13.5%	8.4%	213	-85%	-19.1%	1.8%
Belgium	2,582	146%	135%	7.4%	561	47%	39%	4.9%
Luxembourg	372	0.2%	-8.2%	1.1%	222	8.6%	-1.0%	1.9%
United Kingdom	135	22%	-49%	0.4%	55	-1.7%	-35%	0.5%
Japan	99	30%	1.2%	0.3%	15	31%	-18.3%	0.1%
Other	353	30%	-0.2%	1.0%	127	18.6%	-5.0%	1.1%
Total	34,822	3.8%	-5.3%	100%	11,542	-4.1%	-9.4%	100%

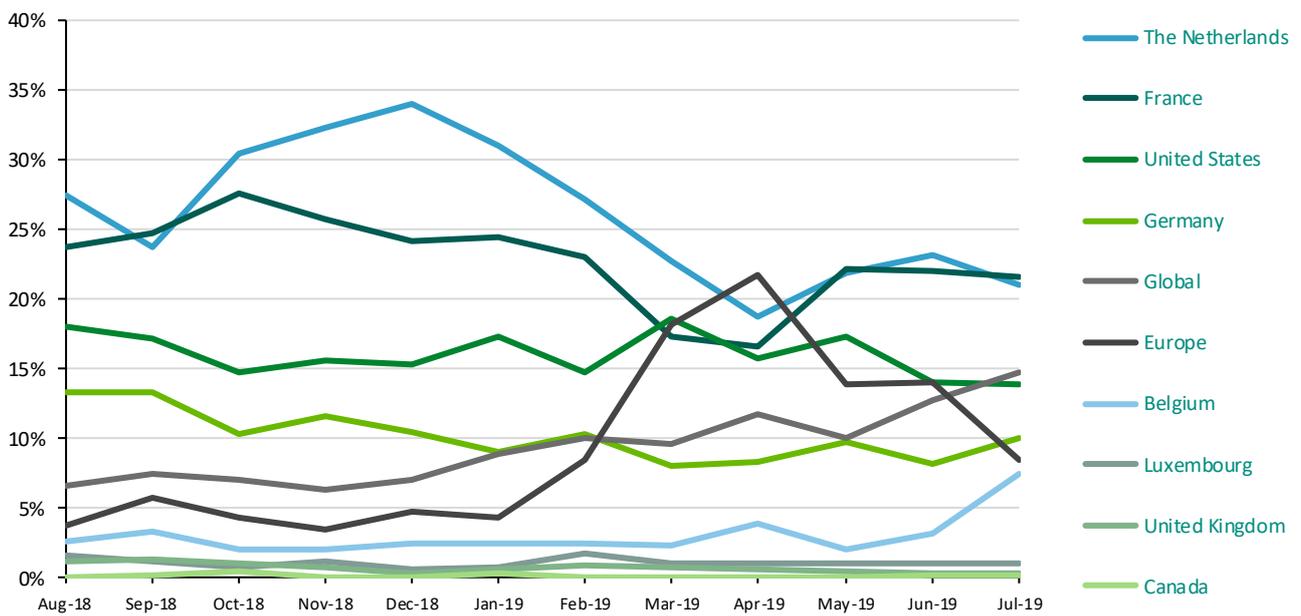
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

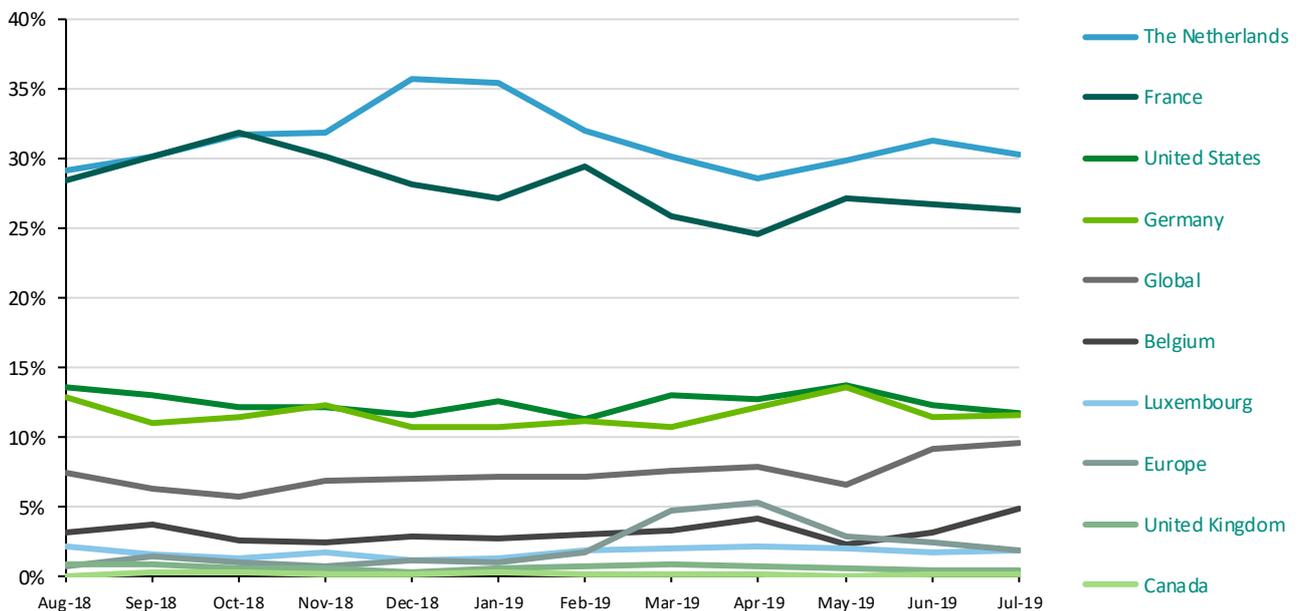
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

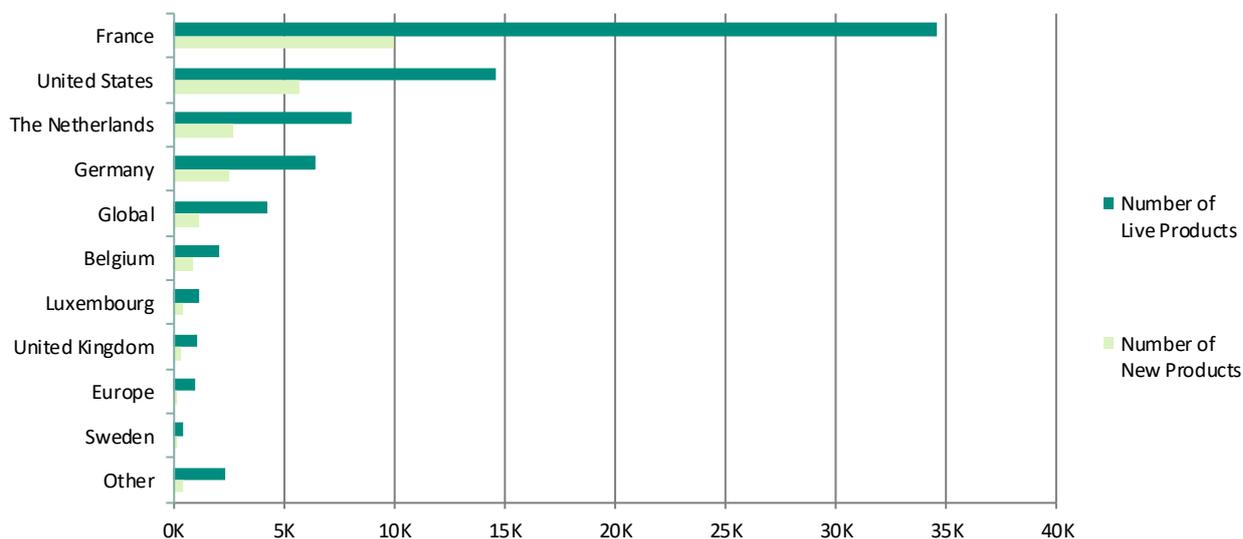
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	34,598	-7.0%	4.4%	45.6%	9,970	-13.0%	-2.0%	40.8%
United States	14,615	-4.9%	17.0%	19.3%	5,672	9.2%	36%	23.2%
The Netherlands	8,031	0.4%	3.2%	10.6%	2,699	48%	38%	11.0%
Germany	6,397	-1.6%	10.0%	8.4%	2,529	14.2%	33%	10.3%
Global	4,237	-4.2%	-0.3%	5.6%	1,196	-9.1%	27%	4.9%
Belgium	2,049	7.6%	15.7%	2.7%	883	137%	112%	3.6%
Luxembourg	1,136	-2.7%	-12.1%	1.5%	430	-11.3%	-0.4%	1.8%
United Kingdom	1,107	0.3%	9.7%	1.5%	333	87%	48%	1.4%
Europe	937	-9.1%	-7.2%	1.2%	137	-2.8%	-14.6%	0.6%
Sweden	445	2.8%	1.0%	0.6%	170	188%	63%	0.7%
Other	2,365	1.1%	-1.3%	3.1%	417	7.5%	-0.6%	1.7%
Total	75,917	-4.5%	6.3%	100%	24,436	3.4%	16.9%	100%

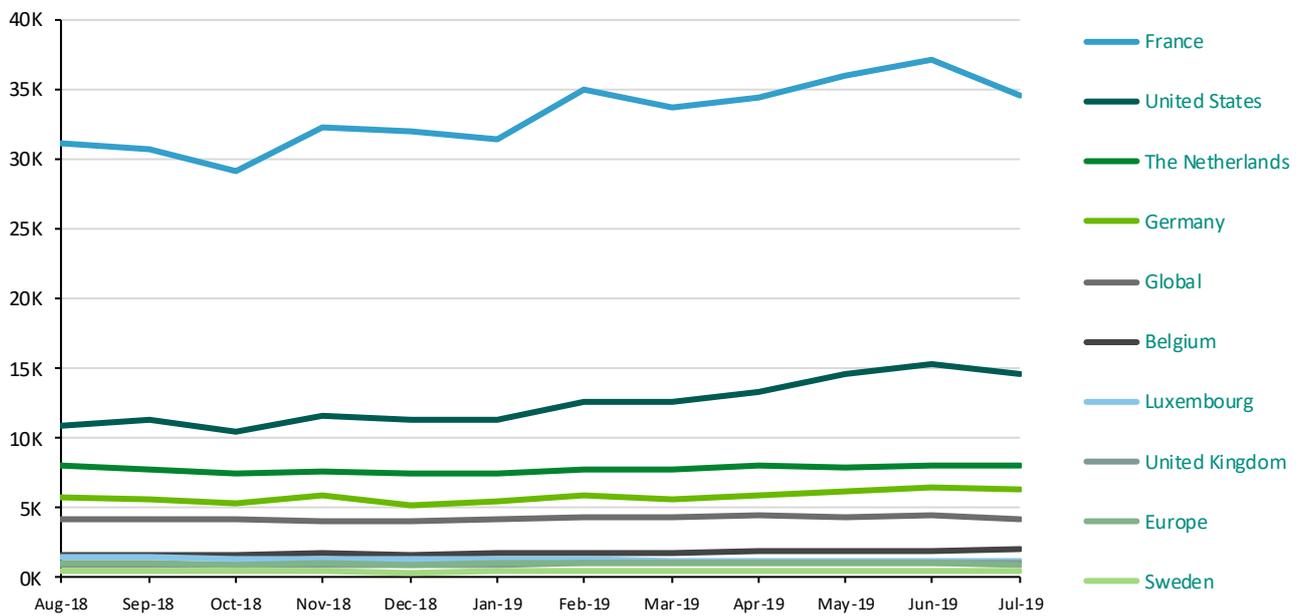
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

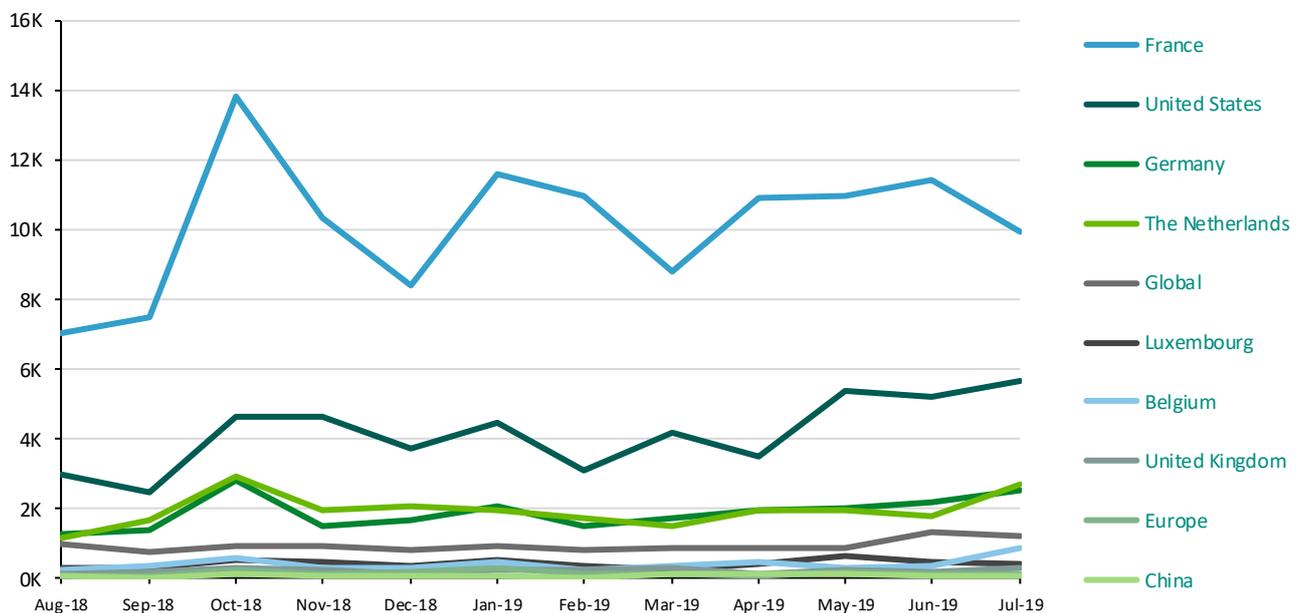
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

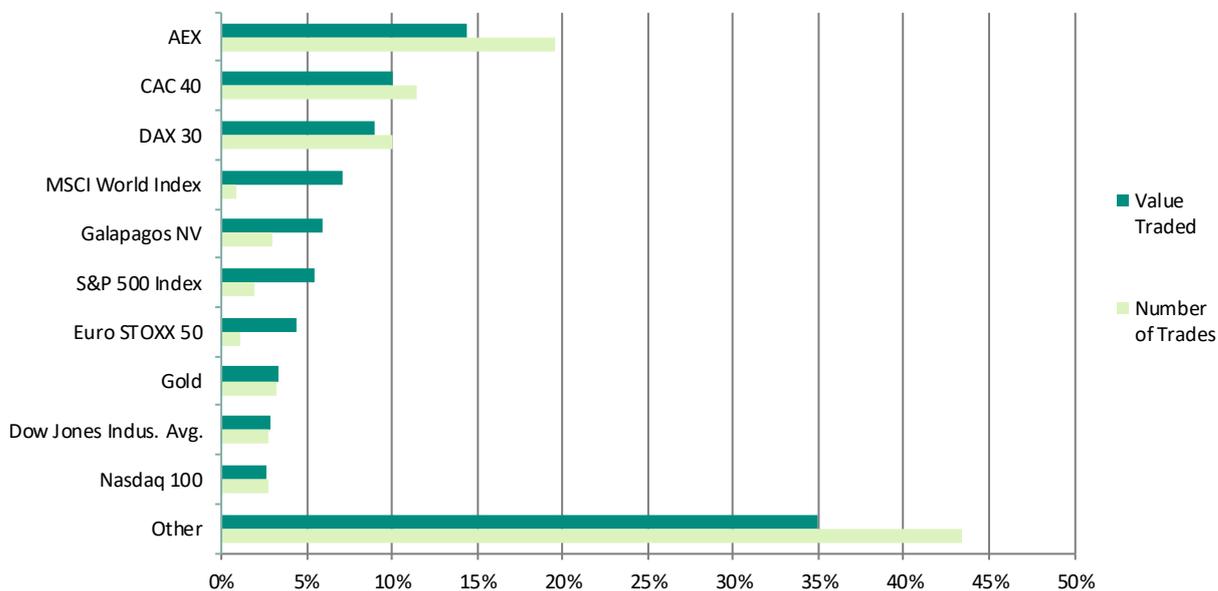
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	5,027	-13.8%	-26%	14.4%	2,252	-15.8%	-13.7%	19.5%
CAC 40	3,497	-4.3%	-7.7%	10.0%	1,316	568%	-17.0%	11.4%
DAX 30	3,146	-7.8%	-8.4%	9.0%	1,160	-17.5%	-12.7%	10.1%
MSCI World Index	2,459	-1.5%	7.1%	7.1%	97	-92%	-37%	0.8%
Galapagos NV	2,070	33%	37%	5.9%	348	436%	53%	3.0%
S&P 500 Index	1,886	26%	45%	5.4%	225	8.7%	-40%	2.0%
Euro STOXX 50	1,525	33%	34%	4.4%	128	-65%	-65%	1.1%
Gold	1,156	3.0%	6.1%	3.3%	378	16.3%	613%	3.3%
Dow Jones Indus. Avg.	990	-4.9%	-2.1%	2.8%	314	245%	223%	2.7%
Nasdaq 100	915	-3.1%	5.3%	2.6%	317	-18.0%	49%	2.7%
Other	12,151	12.0%	-10.1%	34.9%	5,006	-1.4%	-12.5%	43.4%
Total	34,822	3.8%	-5.3%	100%	11,542	-4.1%	-9.4%	100%

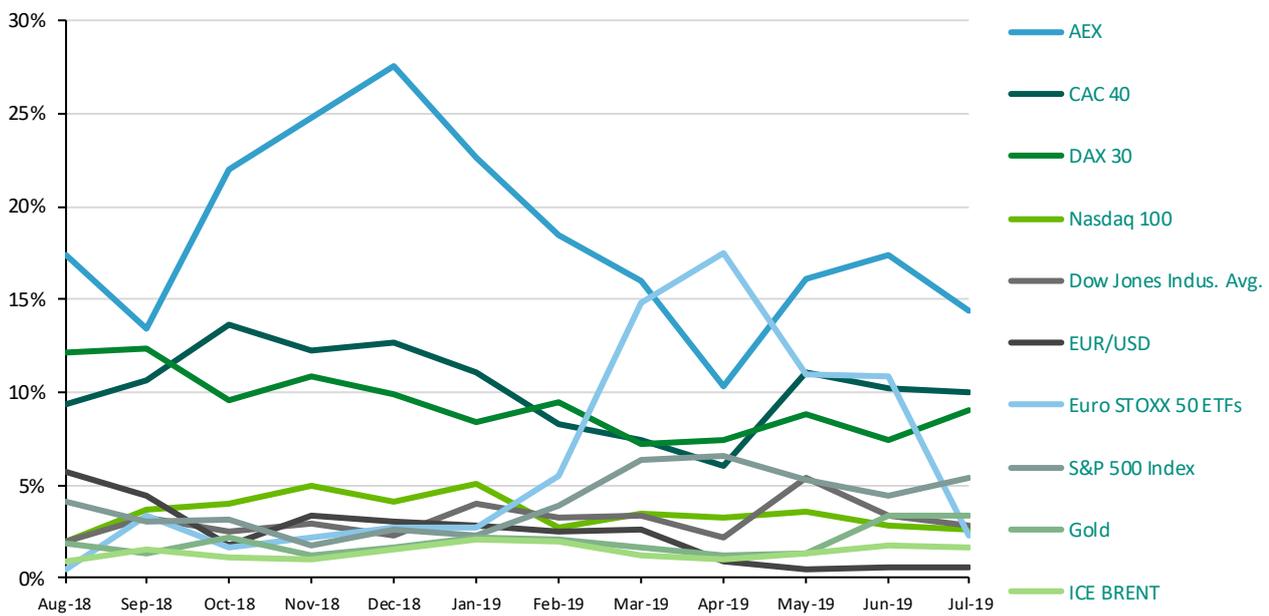
(Source Euronext)



TOP 10 UNDERLYINGS

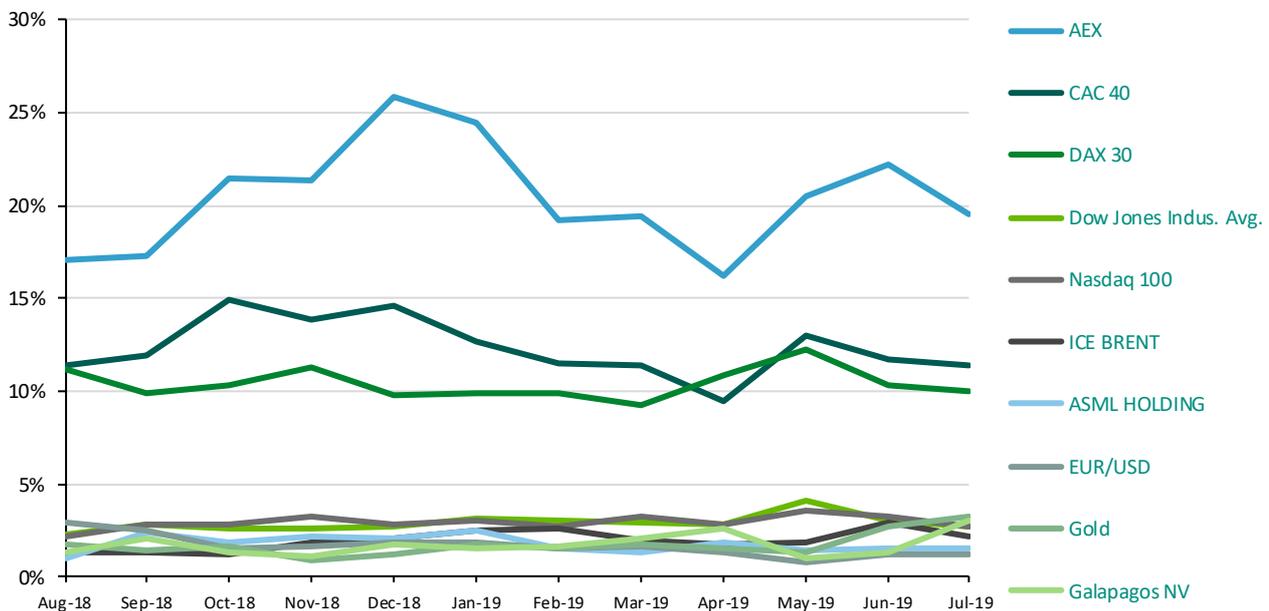
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

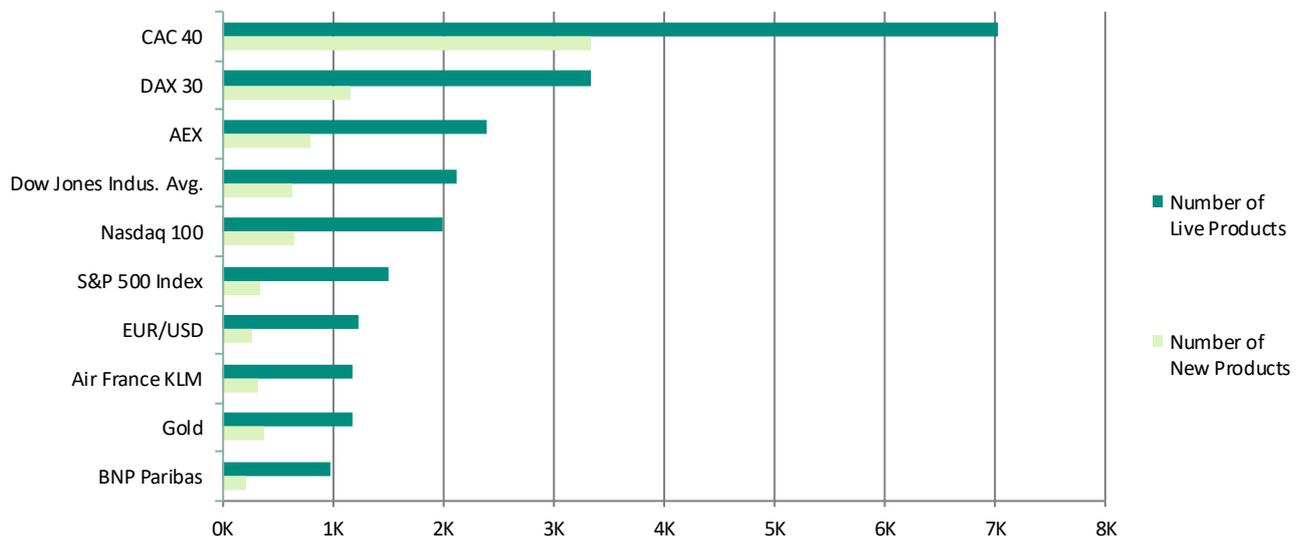
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	7,021	-5.9%	3.0%	9.2%	3,338	-5.3%	-3.7%	13.7%
DAX 30	3,338	-8.8%	2.8%	4.4%	1,151	-23%	-9.5%	4.7%
AEX	2,393	-9.9%	-6.0%	3.2%	803	17.6%	11.0%	3.3%
Dow Jones Indus. Avg.	2,117	-13.4%	7.9%	2.8%	638	-45%	-21%	2.6%
Nasdaq 100	1,986	-8.0%	15.3%	2.6%	654	-33%	-10.3%	2.7%
S&P 500 Index	1,496	-10.2%	5.4%	2.0%	341	-38%	-14.6%	1.4%
EUR/USD	1,225	-14.8%	-10.2%	1.6%	271	-7.5%	3.6%	1.1%
Air France KLM	1,179	-9.9%	2.8%	1.6%	317	-13.6%	-28%	1.3%
Gold	1,171	-2.3%	-2.6%	1.5%	371	-26%	46%	1.5%
BNP Paribas	982	-11.3%	-1.2%	1.3%	222	-26%	-17.7%	0.9%
Other	53,009	-2.5%	8.2%	69.8%	16,330	18.4%	33%	66.8%
Total	75,917	-4.5%	6.3%	100%	24,436	3.4%	16.9%	100%

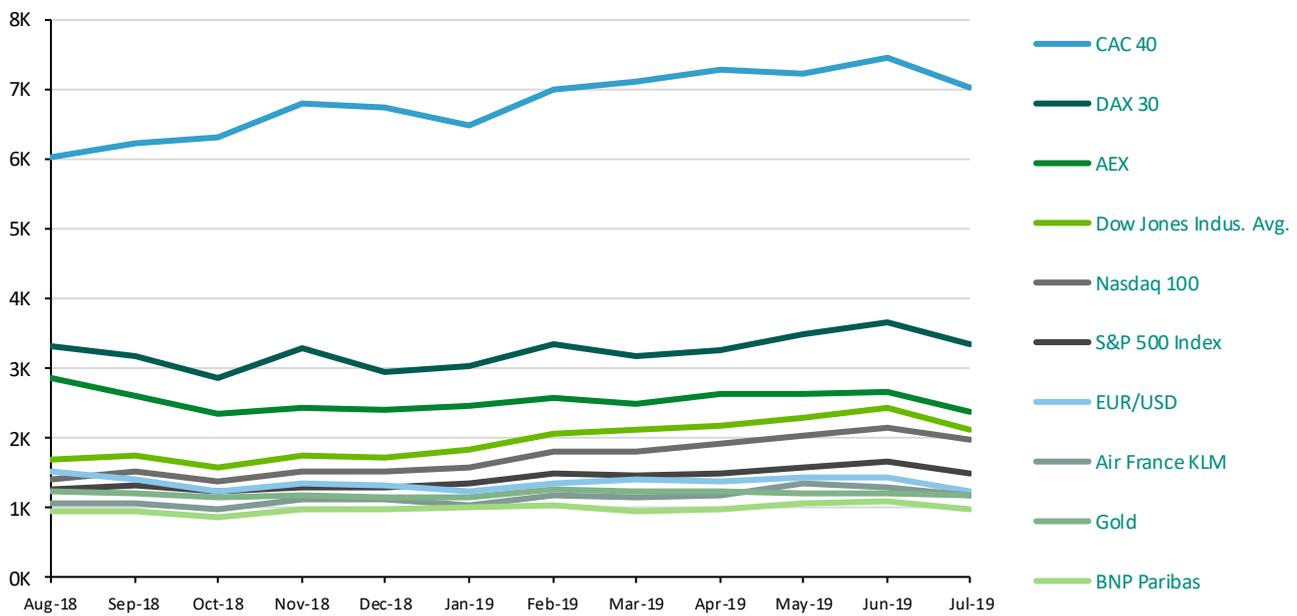
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TOP 10 UNDERLYINGS

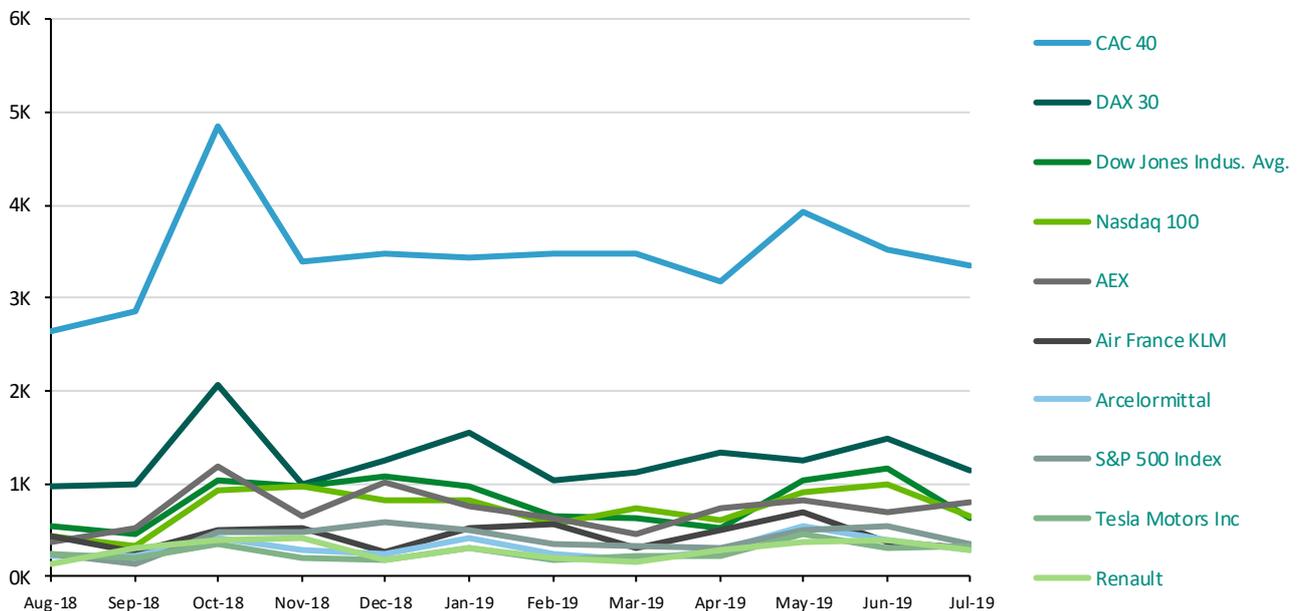
Product Trend: Number of Live Products

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

(Source Euronext)



Euronext Amsterdam

ISSUERS

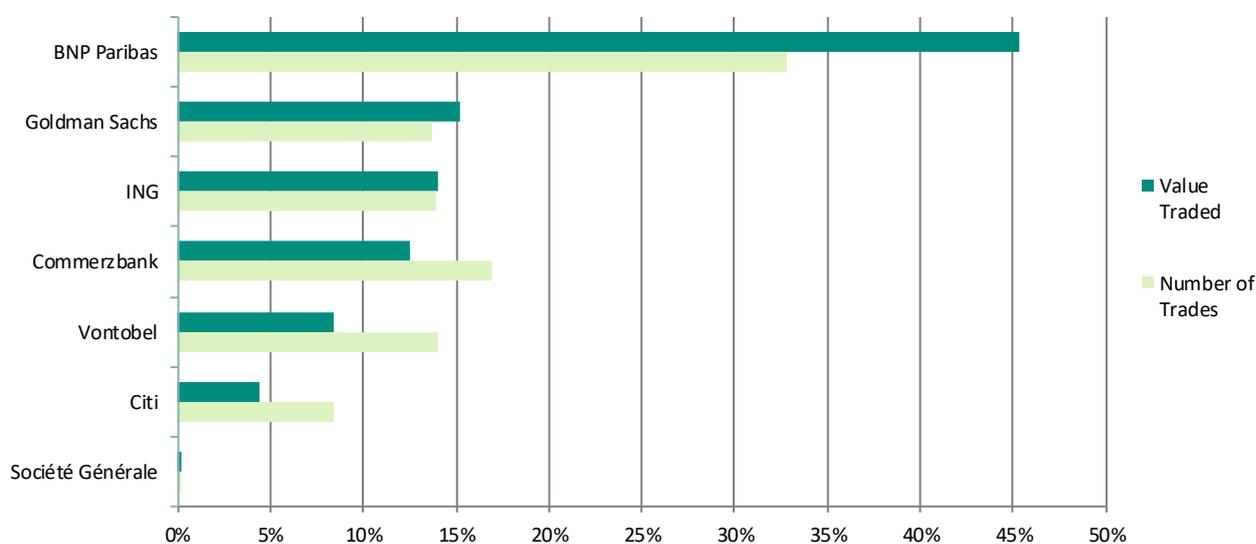
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	7,816	6.8%	-15.7%	45.4%	2,239	2.5%	-13.2%	32.8%
Goldman Sachs	2,622	-4.9%	-19.6%	15.2%	936	-3.4%	-13.2%	13.7%
ING	2,407	0.0%	-4.8%	14.0%	949	-23.9%	5.0%	13.9%
Commerzbank	2,146	6.2%	-13.9%	12.5%	1,155	-0.3%	-16.3%	16.9%
Vontobel	1,440	25%	40%	8.4%	956	26.7%	41.5%	14.0%
Citi	752	3.1%	-5.6%	4.4%	574	-24.6%	-6.1%	8.4%
Société Générale	38	24%	-73%	0.2%	15	-18.9%	-86.4%	0.2%
Total	17,219	4.9%	-11.8%	100%	6,825	-3.8%	-7.0%	100%

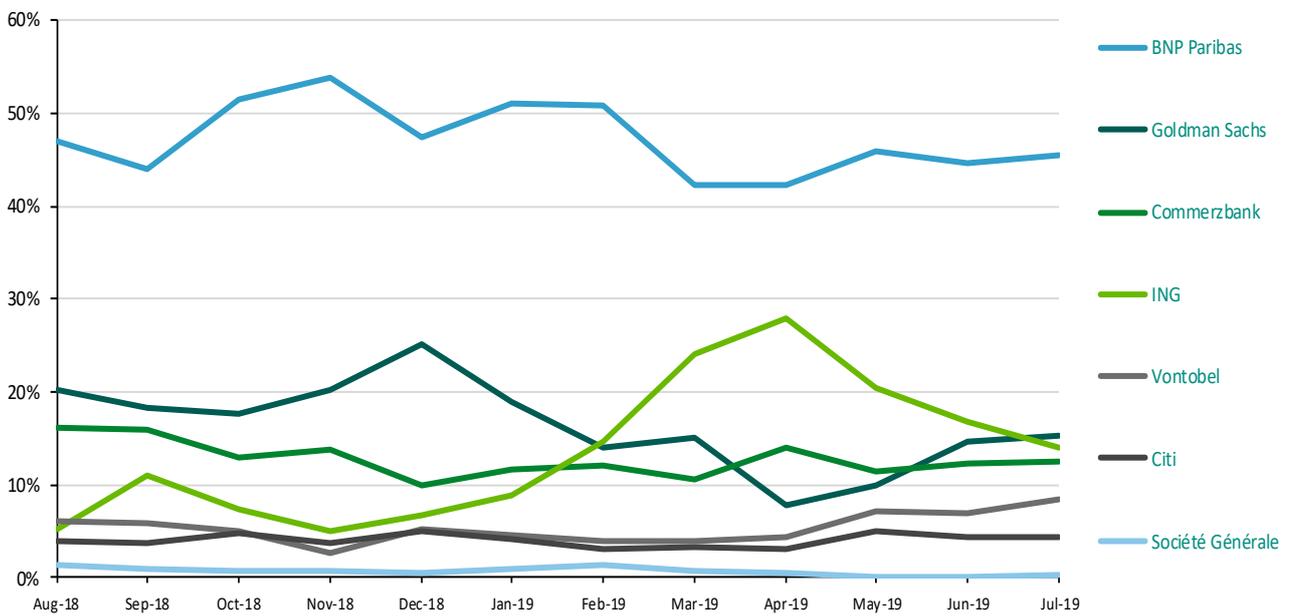
(Source Euronext)



ISSUERS

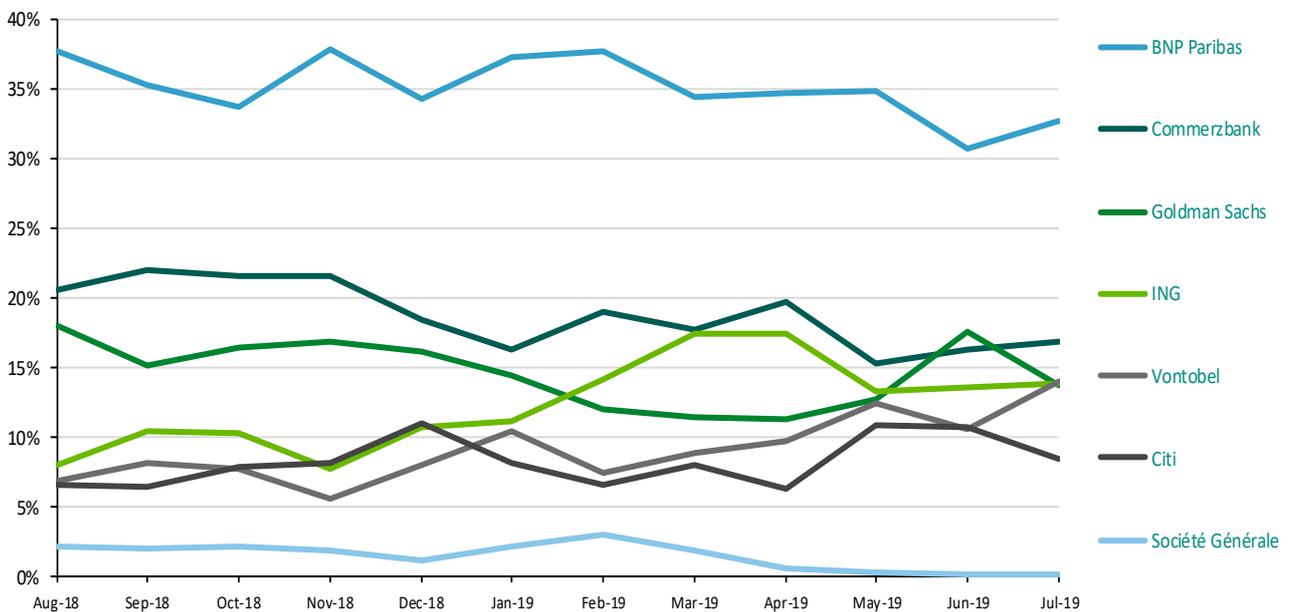
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

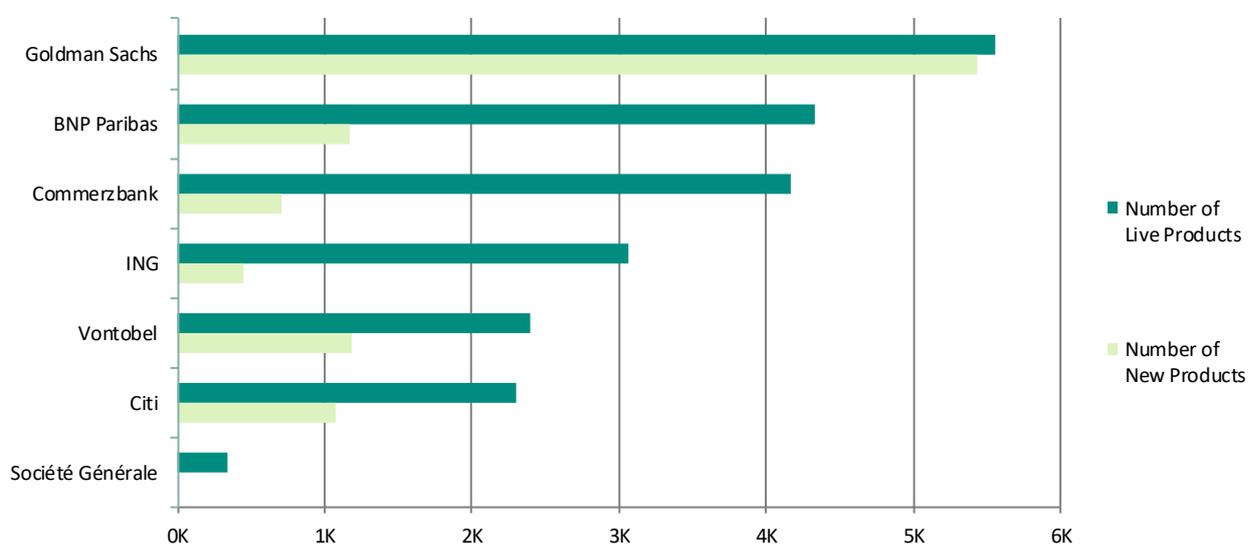
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	5,555	-3.8%	8.4%	25.1%	5,440	304%	227%	54.3%
BNP Paribas	4,328	5.3%	5.9%	19.5%	1,163	27%	7.4%	11.6%
Commerzbank	4,166	1.1%	-1.7%	18.8%	707	-30%	-16.2%	7.1%
ING	3,064	5.1%	10.4%	13.8%	446	4.2%	36%	4.5%
Vontobel	2,396	1.4%	-0.1%	10.8%	1,177	19.4%	11.2%	11.8%
Citi	2,305	-3.3%	5.9%	10.4%	1,079	315%	119%	10.8%
Société Générale	338	-8.3%	-25%	1.5%	0		-100%	0.0%
Total	22,152	0.5%	4.3%	100%	10,012	102.4%	79.6%	100%

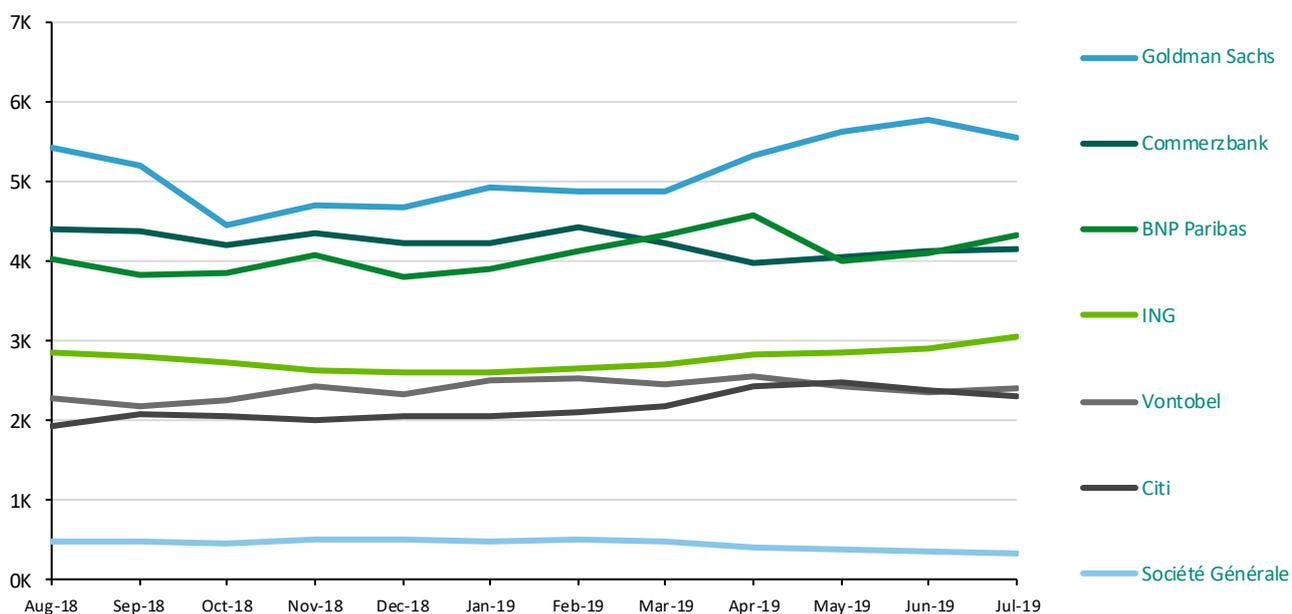
(Source Euronext)



ISSUERS

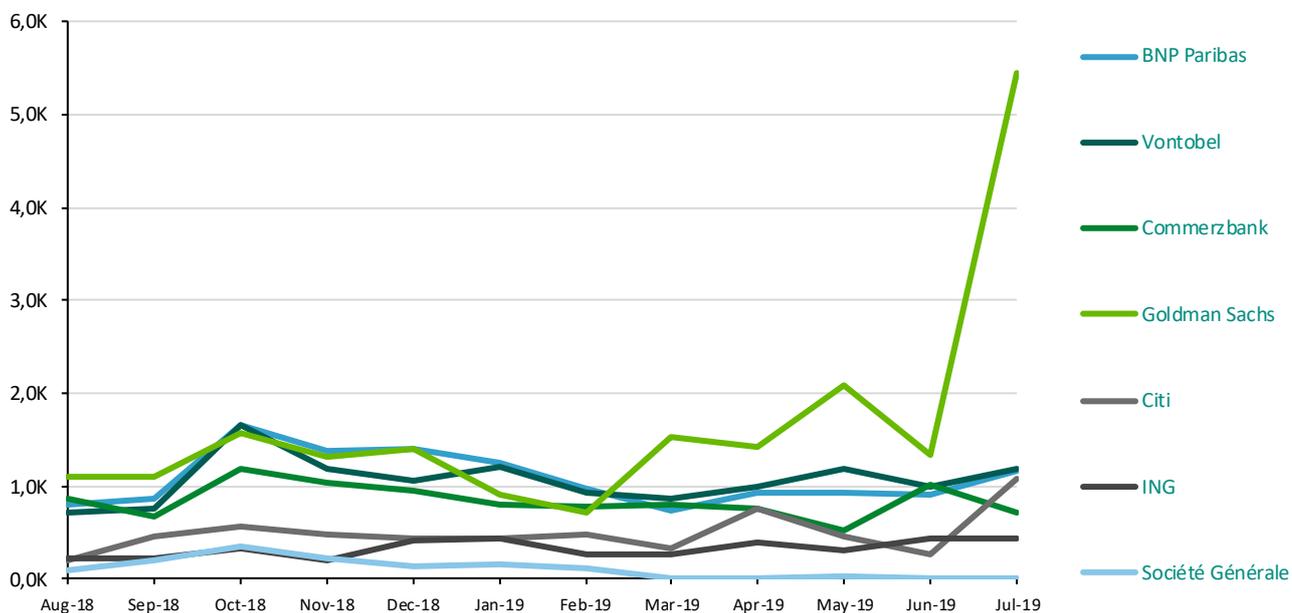
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

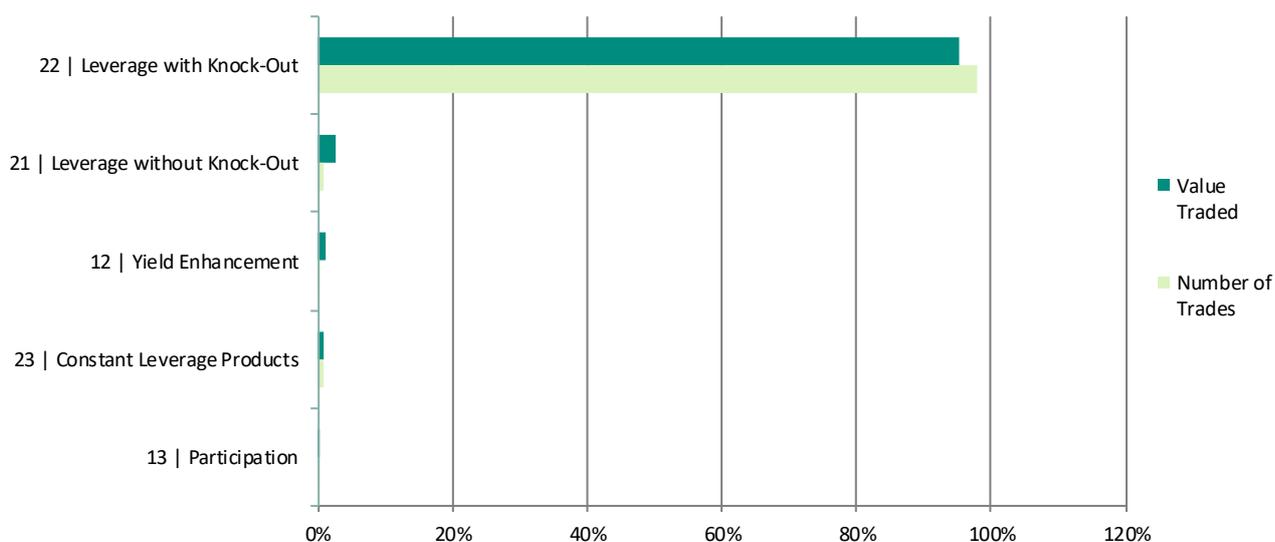
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	16,381	14.2%	-8.2%	95.1%	6,693	-2.0%	-6.0%	98.1%
21 Leverage without Knock-Out	468	-70%	-62%	2.7%	59	-68.3%	-58.9%	0.9%
12 Yield Enhancement	205	-26%	-27%	1.2%	18	-5.9%	-27.7%	0.3%
23 Constant Leverage Products	141	-30%	4.1%	0.8%	52	-7.1%	5.5%	0.8%
13 Participation	25	9.2%	-19.3%	0.1%	2.9	-33.3%	-42.2%	0.0%
Total	17,219	4.9%	-11.8%	100%	6,825	-3.8%	-7.0%	100%

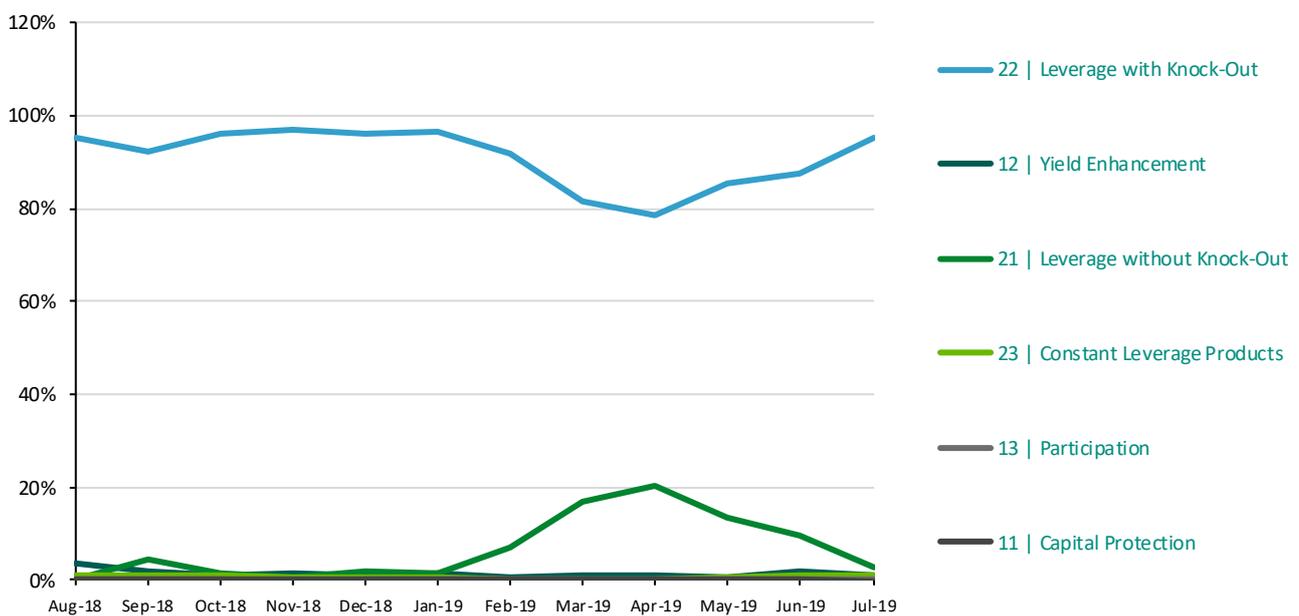
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

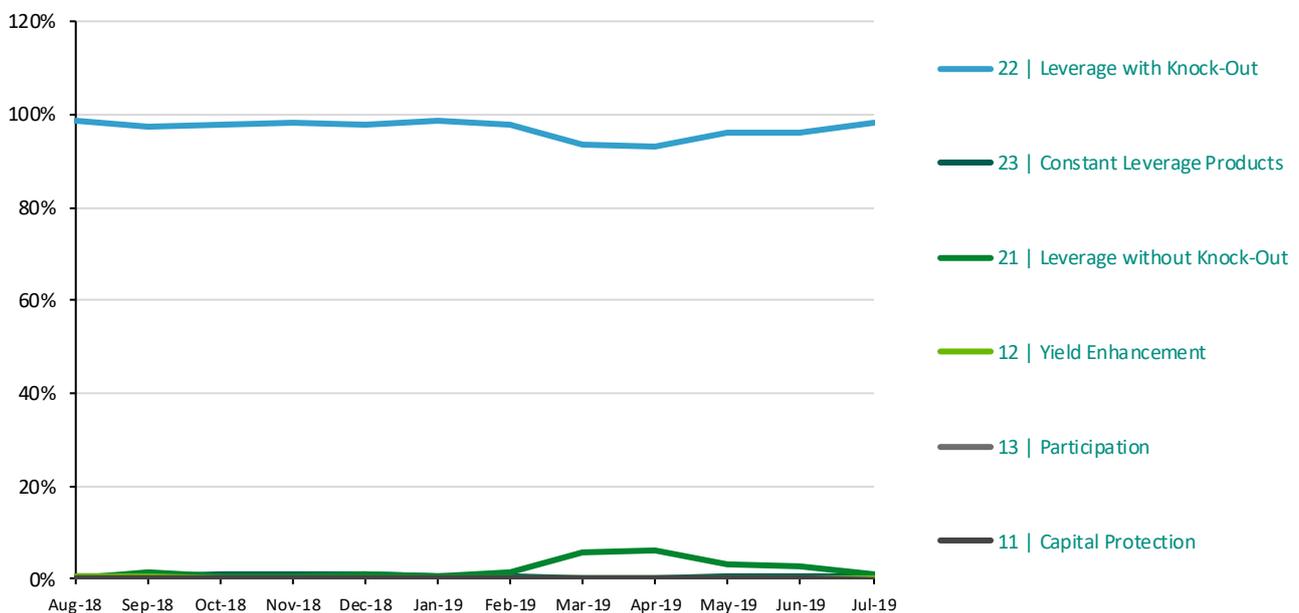
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

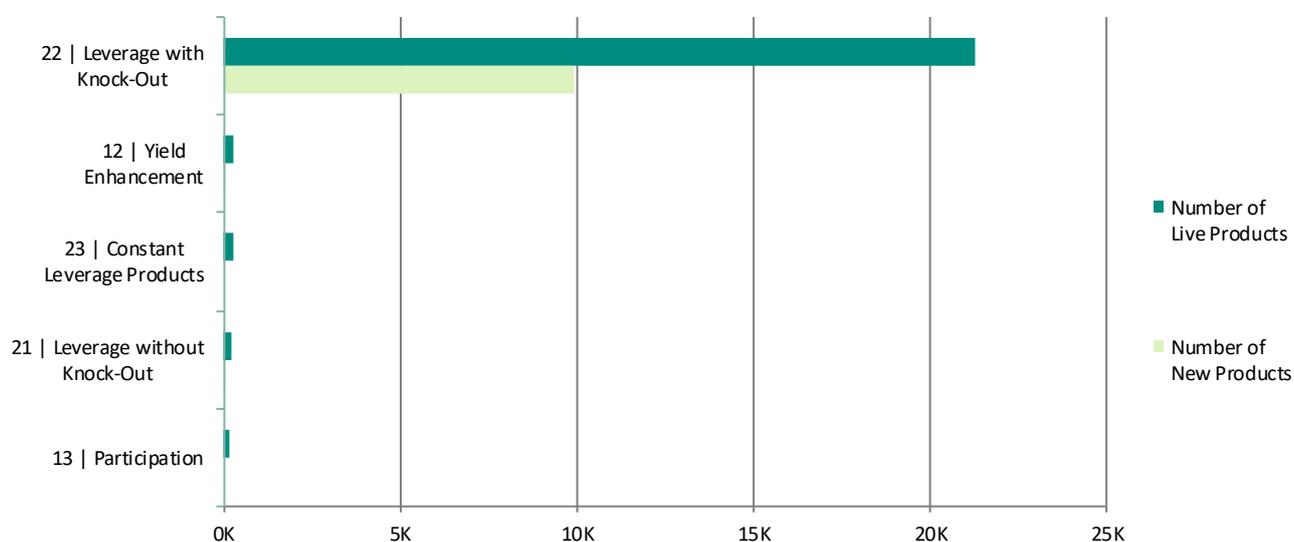
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	21,280	1.0%	4.8%	96.1%	9,941	106%	81%	99.3%
12 Yield Enhancement	260	-8.3%	5.0%	1.2%	15	-72%	-50%	0.1%
23 Constant Leverage Products	242	-0.8%	-4.6%	1.1%	0	-100%	-100%	0.0%
21 Leverage without Knock-Out	240	-15.6%	-18.1%	1.1%	56	40%	23%	0.6%
13 Participation	130	-7.1%	-3.8%	0.6%	0	-100%	-100%	0.0%
Total	22,152	0.5%	4.3%	100%	10,012	102.4%	79.6%	100%

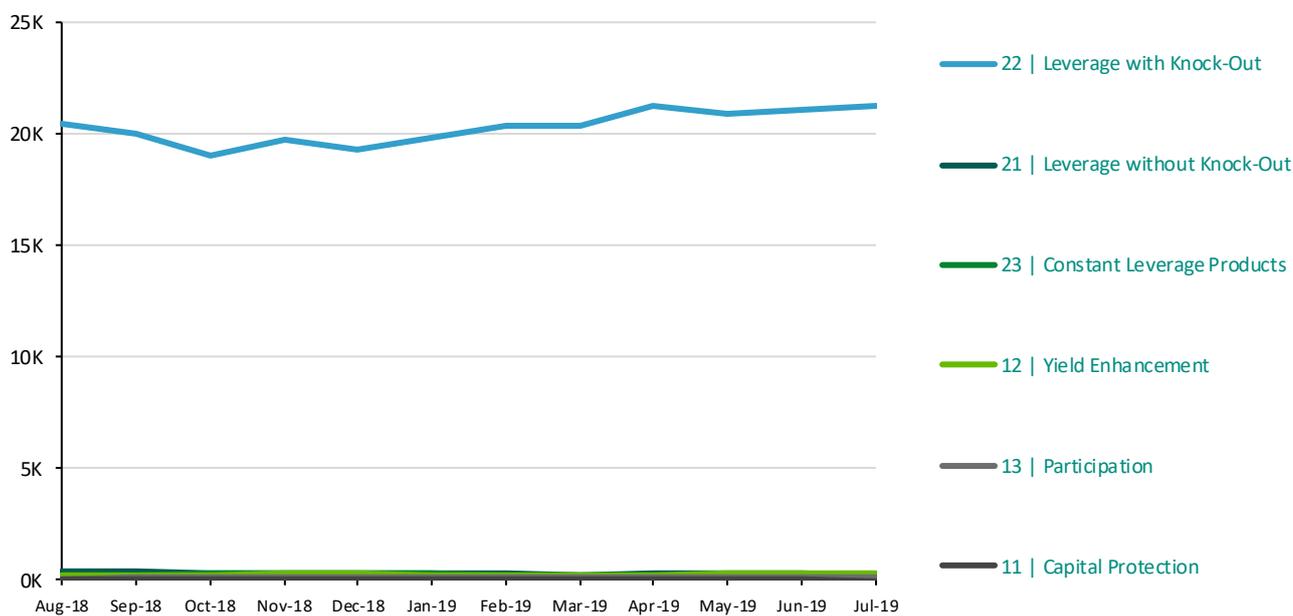
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

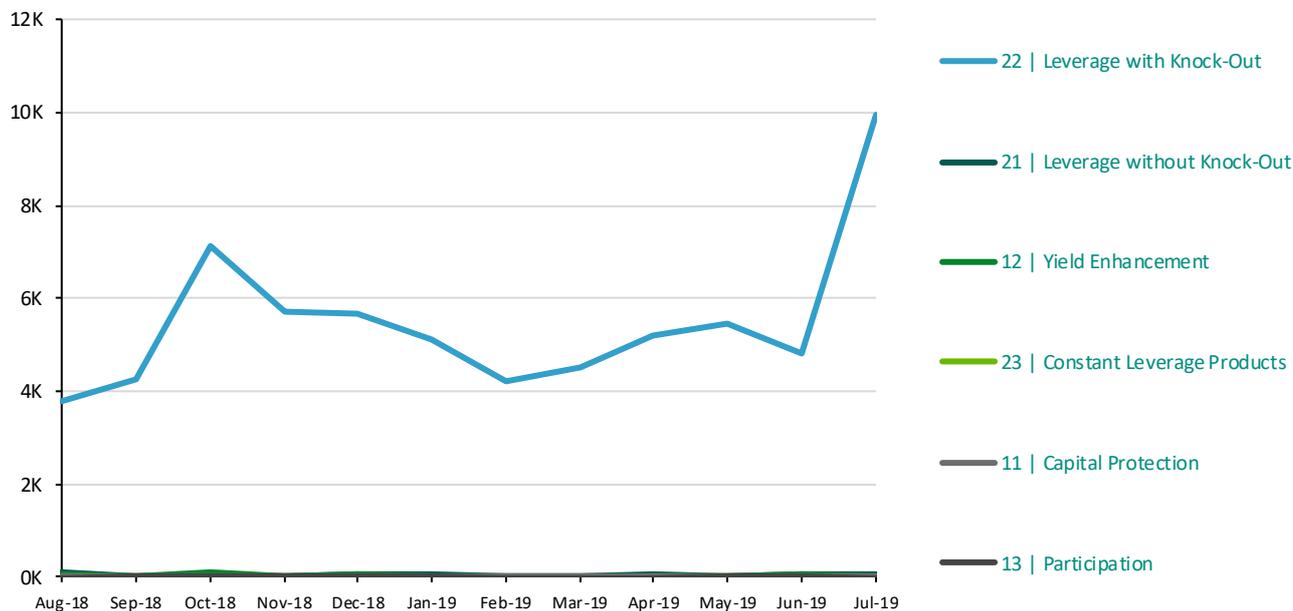
Product Trend: Number of Live Products

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)

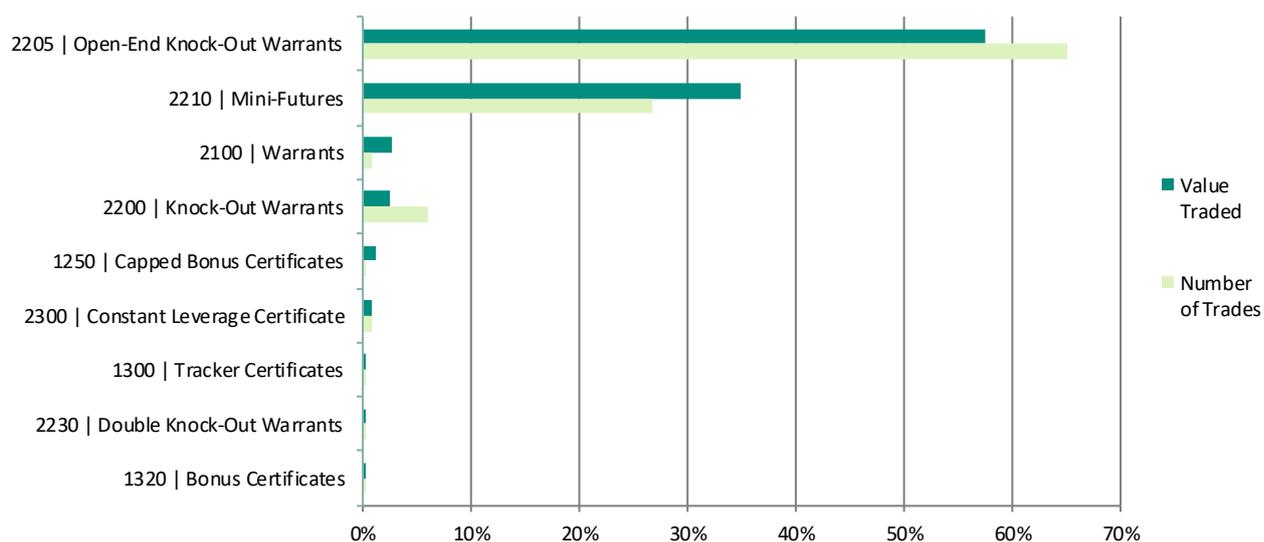
Market Overview

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	9,918	17.0%	-2.0%	57.6%	4,447	-5.3%	-9.2%	65.2%
2210 Mini-Futures	6,020	14.3%	-16.0%	35.0%	1,828	27%	-1.6%	26.8%
2100 Warrants	468	-70%	-62%	2.7%	59	-68%	-59%	0.9%
2200 Knock-Out Warrants	441	-26%	-19.5%	2.6%	416	-40%	14.9%	6.1%
1250 Capped Bonus Certificates	205	-26%	-27%	1.2%	18	-5.9%	-28%	0.3%
2300 Constant Leverage Certificate	141	-30%	4.1%	0.8%	52	-7.1%	5.5%	0.8%
1300 Tracker Certificates	25	41%	10.1%	0.1%	2.7	46%	7.6%	0.0%
2230 Double Knock-Out Warrants	1	-82%	-88%	0.0%	1.3	-47%	-44%	0.0%
1320 Bonus Certificates	0	-74%	-73%	0.0%	0.2	-90%	-19.4%	0.0%
Total	17,219	4.9%	-11.8%	100%	6,825	-3.8%	-7.0%	100%

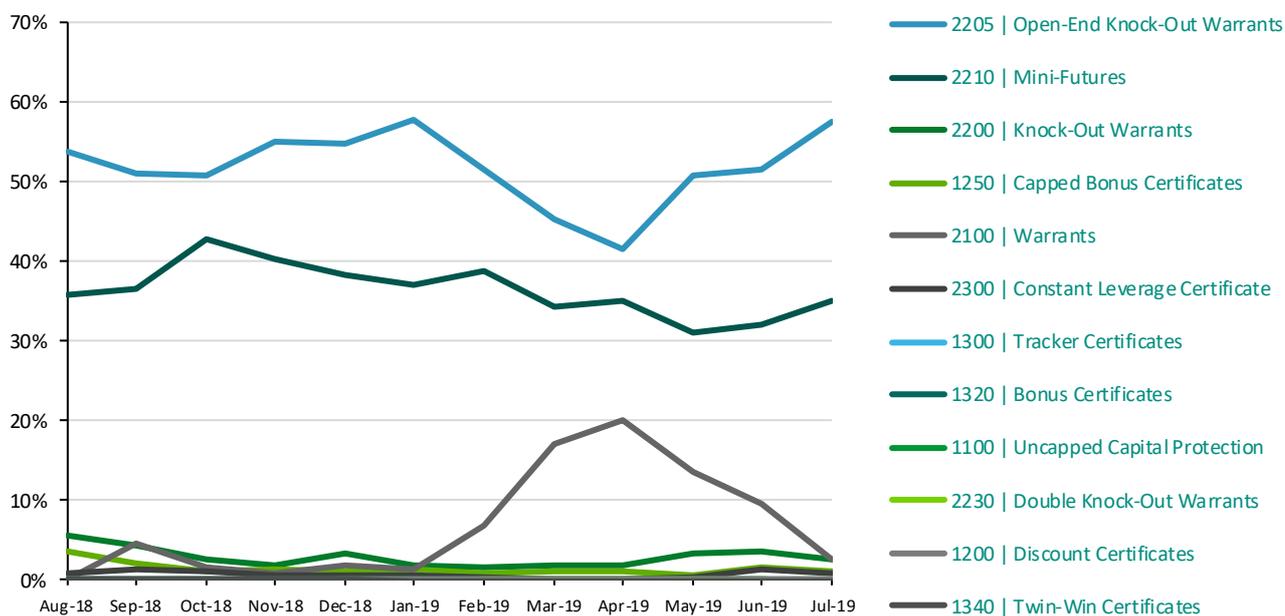
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

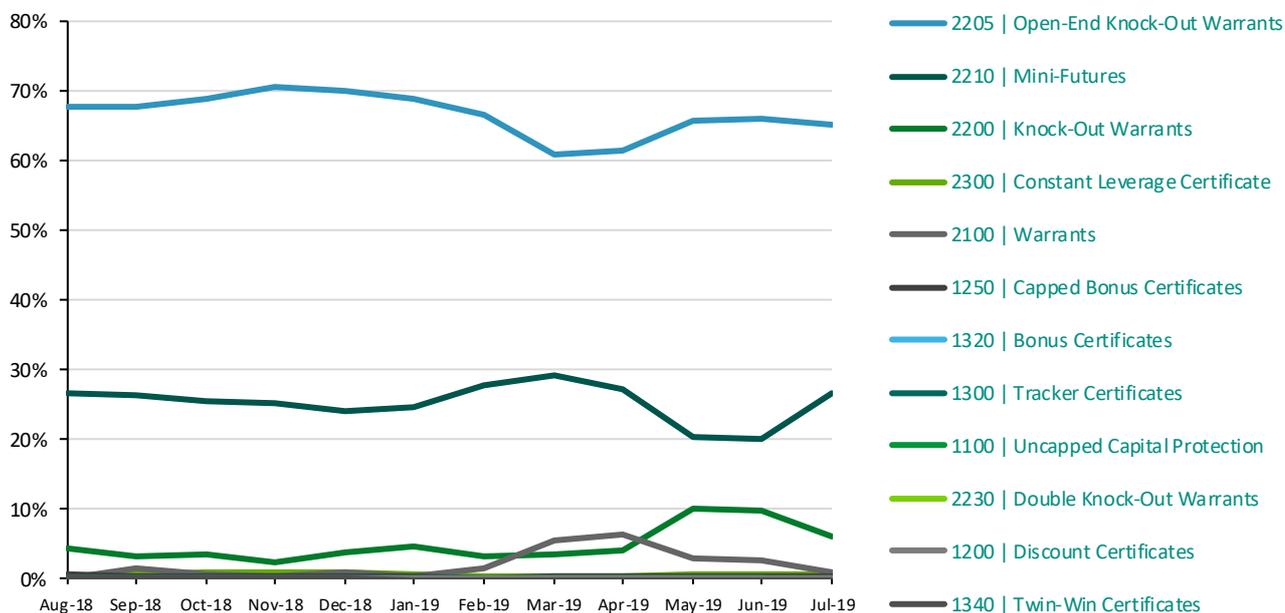
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

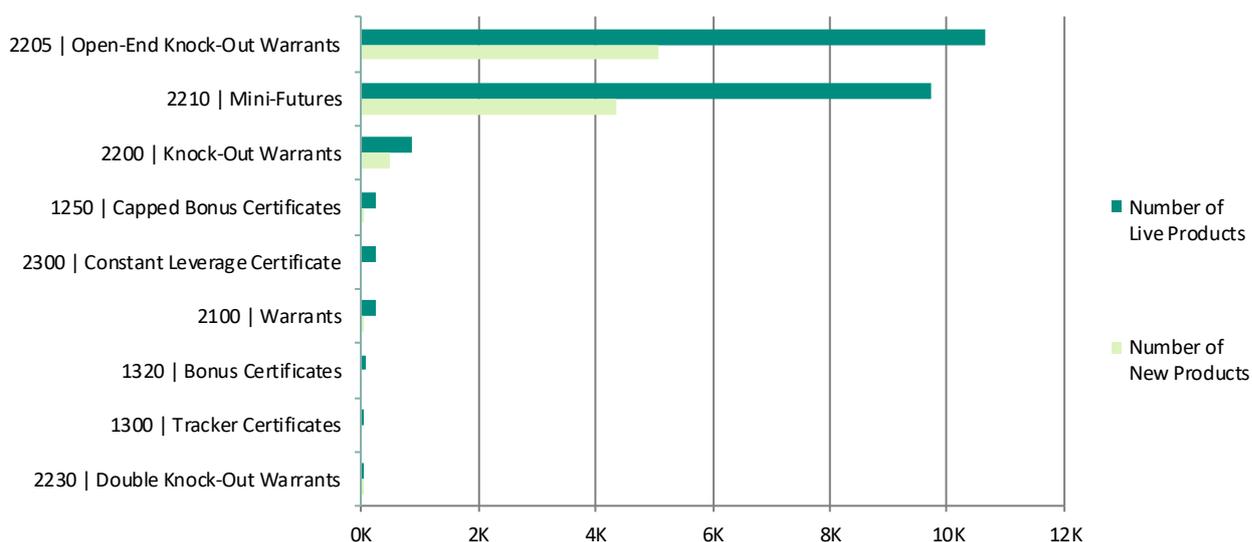
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	10,635	5.2%	12.2%	48.0%	5,069	82%	79%	50.6%
2210 Mini-Futures	9,738	-2.4%	-1.2%	44.0%	4,370	179%	98%	43.6%
2200 Knock-Out Warrants	861	-8.4%	-9.6%	3.9%	479	6.0%	8.6%	4.8%
1250 Capped Bonus Certificates	260	-7.4%	8.2%	1.2%	15	-72%	-49%	0.1%
2300 Constant Leverage Certificate	242	-0.8%	-4.6%	1.1%	0	-100%	-100%	0.0%
2100 Warrants	240	-15.6%	-18.1%	1.1%	56	40%	23%	0.6%
1320 Bonus Certificates	72	-13.0%	-5.6%	0.3%	0	-100%	-100%	0.0%
1300 Tracker Certificates	58	1.5%	-0.8%	0.3%	0		-100%	0.0%
2230 Double Knock-Out Warrants	46	-5.2%	124%	0.2%	23	-4.2%	121%	0.2%
Total	22,152	0.5%	4.3%	100%	10,012	102%	80%	100%

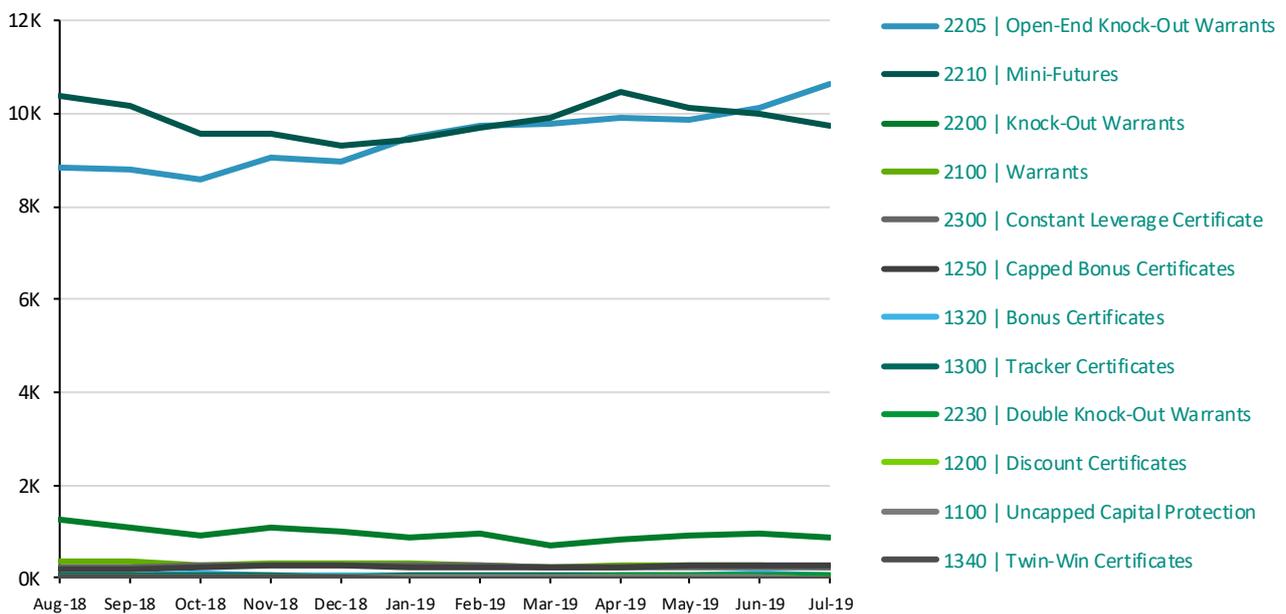
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

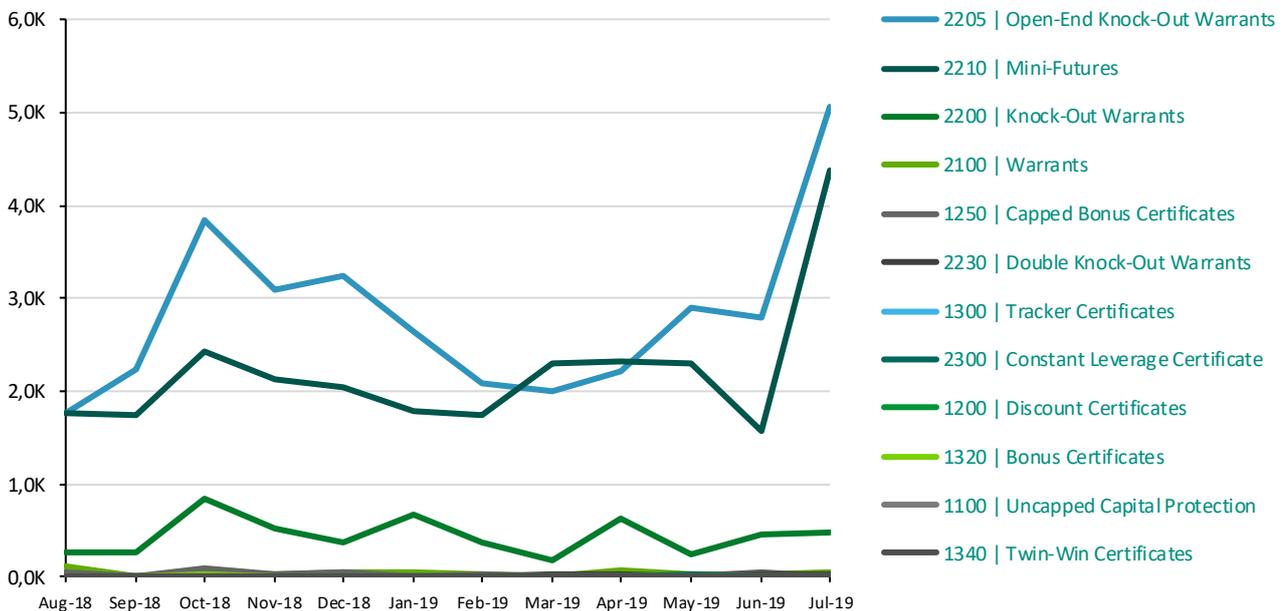
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

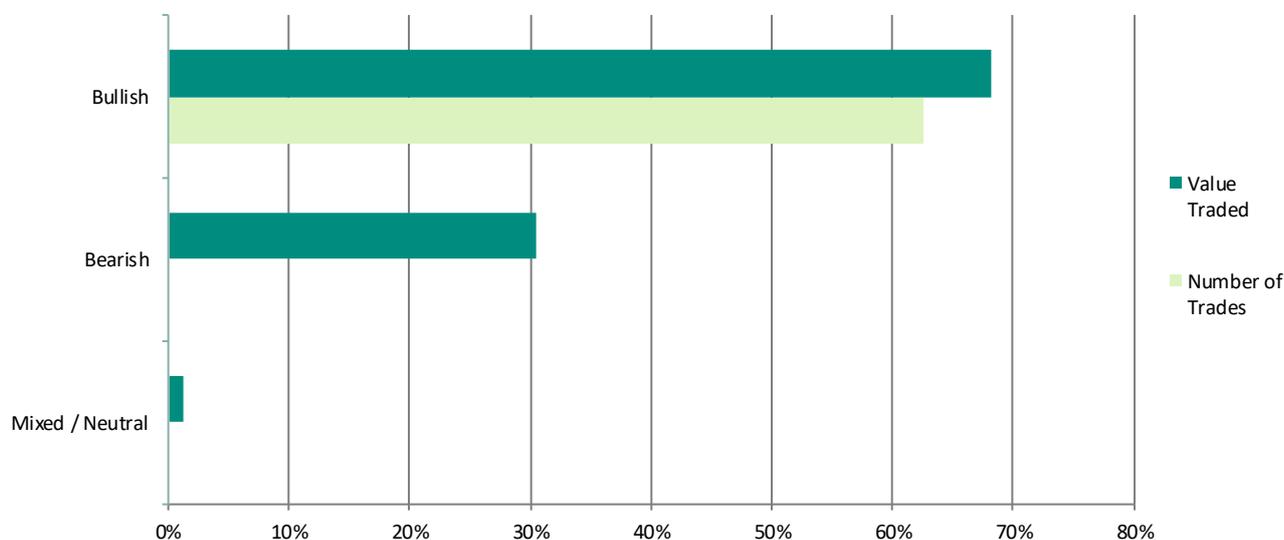
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	11,753	7.1%	-7.9%	68.3%	4,264	1.5%	-8.8%	62.5%
Bearish	5,260	2.0%	-18.7%	30.5%	0.0	-100%	-100%	0.0%
Mixed / Neutral	206	-26%	-27%	1.2%	0.0	-100%	-100%	0.0%
Total	17,219	4.9%	-11.8%	100%	6,825	-3.8%	-7.0%	100%

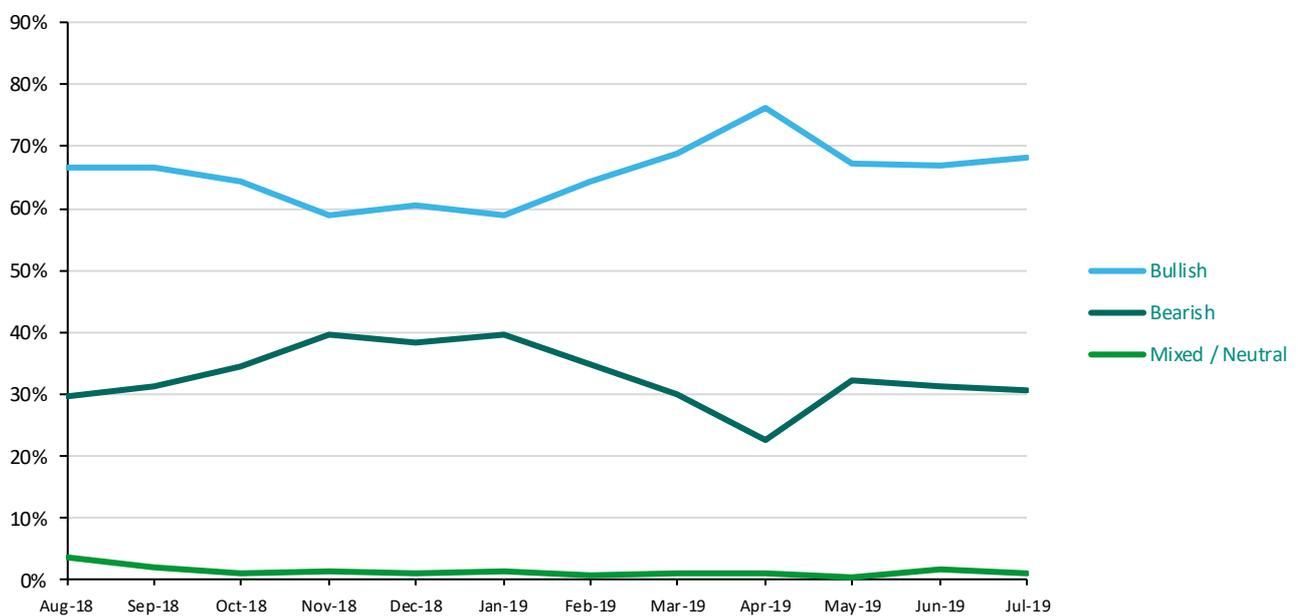
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PRODUCT STRATEGIES

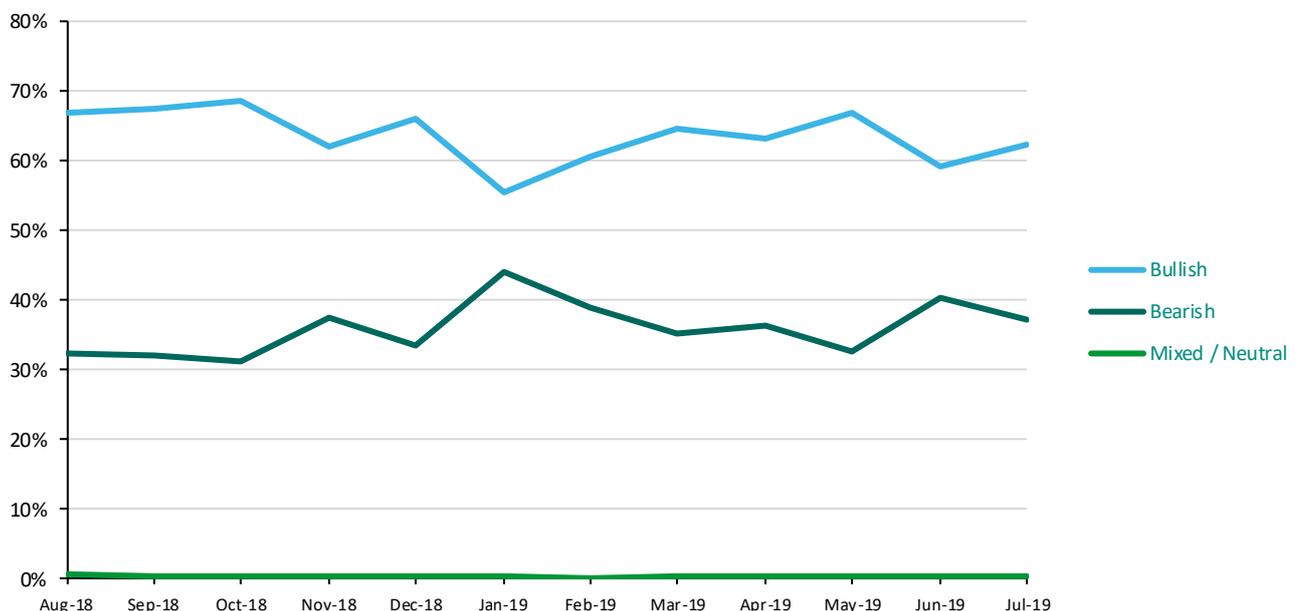
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

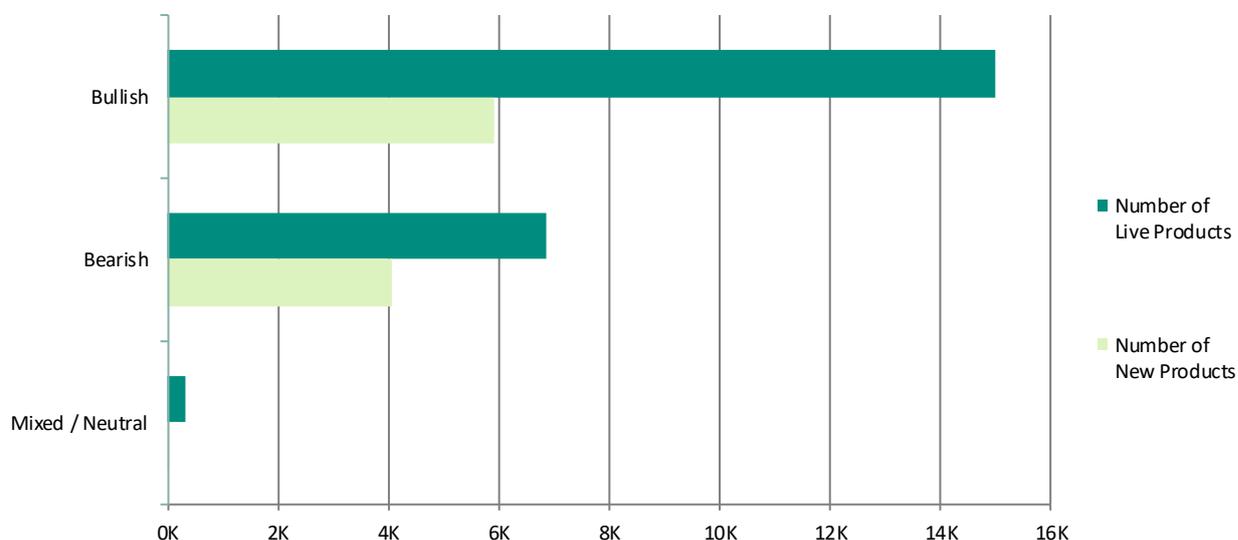
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	14,995	7.6%	13.0%	67.7%	5,929	86%	89%	59.2%
Bearish	6,850	-11.8%	-11.2%	30.9%	4,045	140%	69%	40.4%
Mixed / Neutral	308	-7.8%	14.0%	1.4%	38	-51%	-6.0%	0.4%
Total	22,152	0.5%	4.3%	100%	10,012	102.4%	79.6%	100%

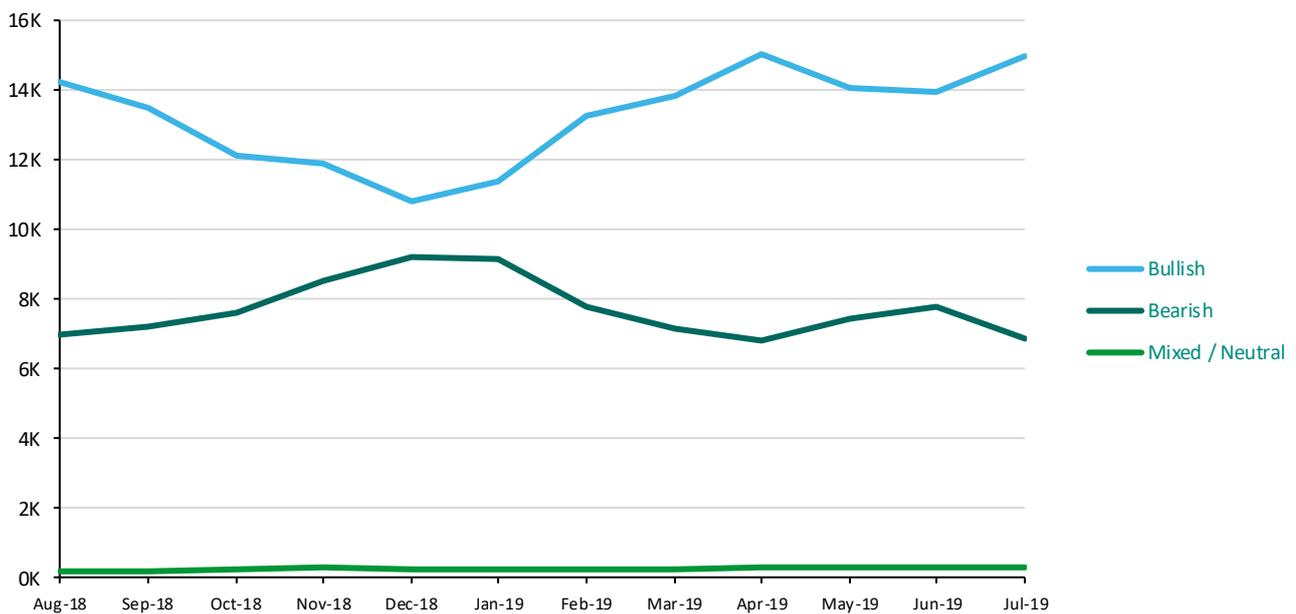
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PRODUCT STRATEGIES

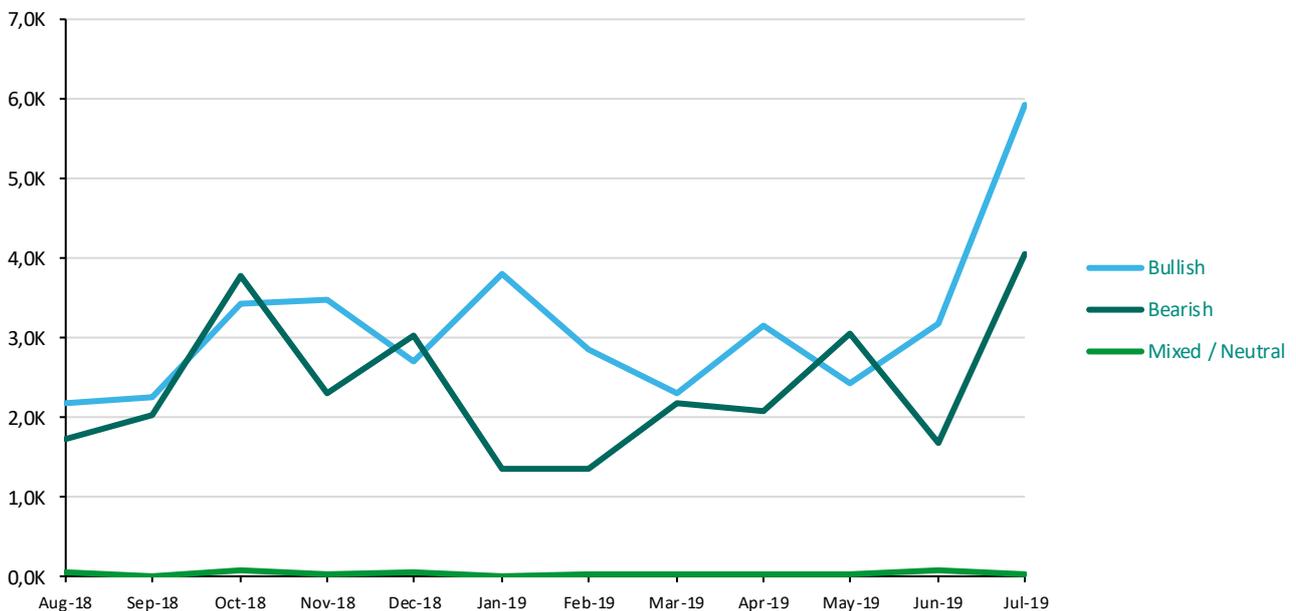
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

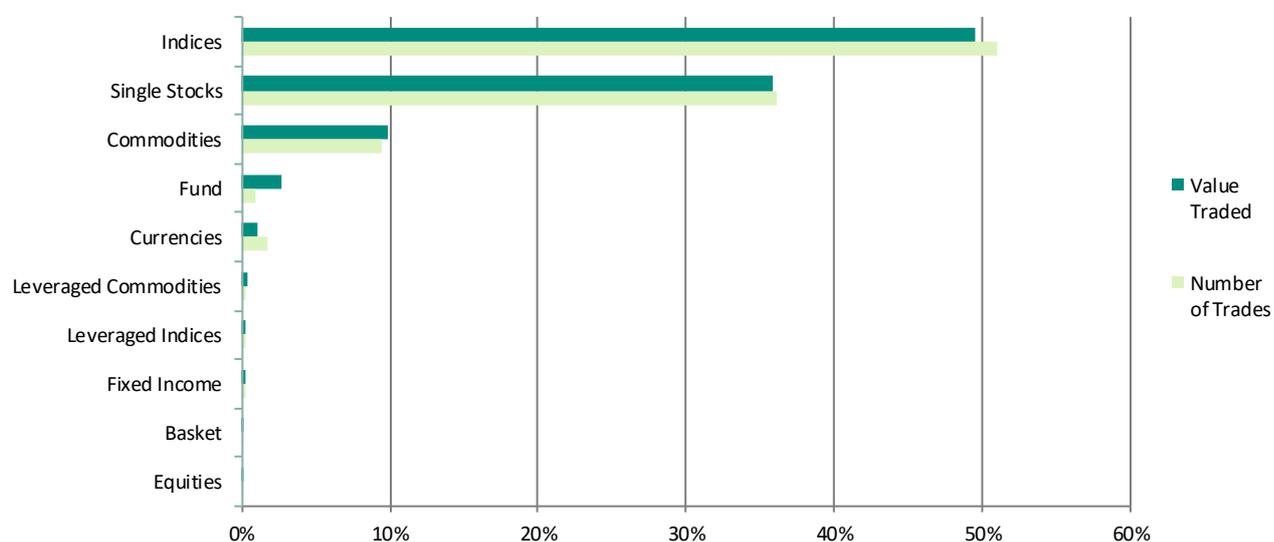
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	8,540	-1.7%	-18.9%	49.6%	3,482	-12.9%	-12.2%	51.0%
Single Stocks	6,167	45%	15.5%	35.8%	2,469	18.4%	1.5%	36.2%
Commodities	1,697	8.8%	31%	9.9%	643	248.9%	32.9%	9.4%
Fund	467	-70%	-62%	2.7%	58	-91.0%	-58.9%	0.8%
Currencies	190	21%	-78%	1.1%	121	-10.7%	-35.8%	1.8%
Leveraged Commodities	56	-49%	-58%	0.3%	15	-20.1%	-80.2%	0.2%
Leveraged Indices	46	-28%	-29%	0.3%	16	-6.9%	-33.2%	0.2%
Fixed Income	34	61%	-27%	0.2%	19	25.3%	-9.3%	0.3%
Basket	21	114%	-4.2%	0.1%	1.6	56.5%	-81.7%	0.0%
Equities	0	38%	-100%	0.0%	0.1	-42.0%	-93.3%	0.0%
Total	17,219	4.9%	-11.8%	100%	6,825	-3.8%	-7.0%	100%

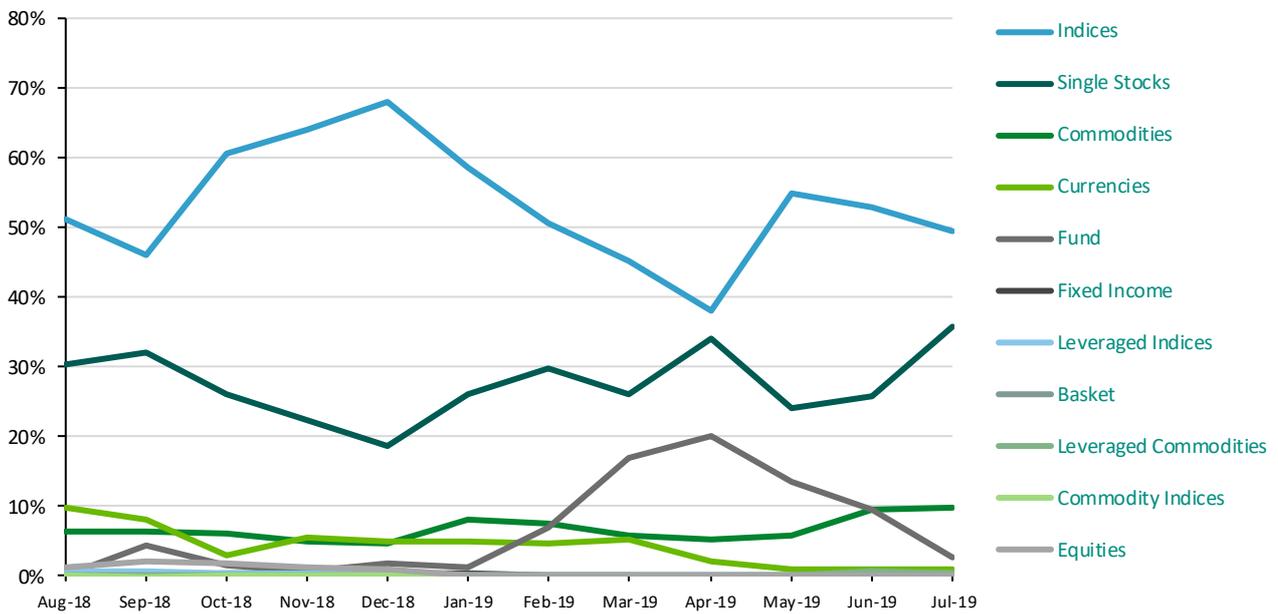
(Source Euronext)



UNDERLYING TYPES

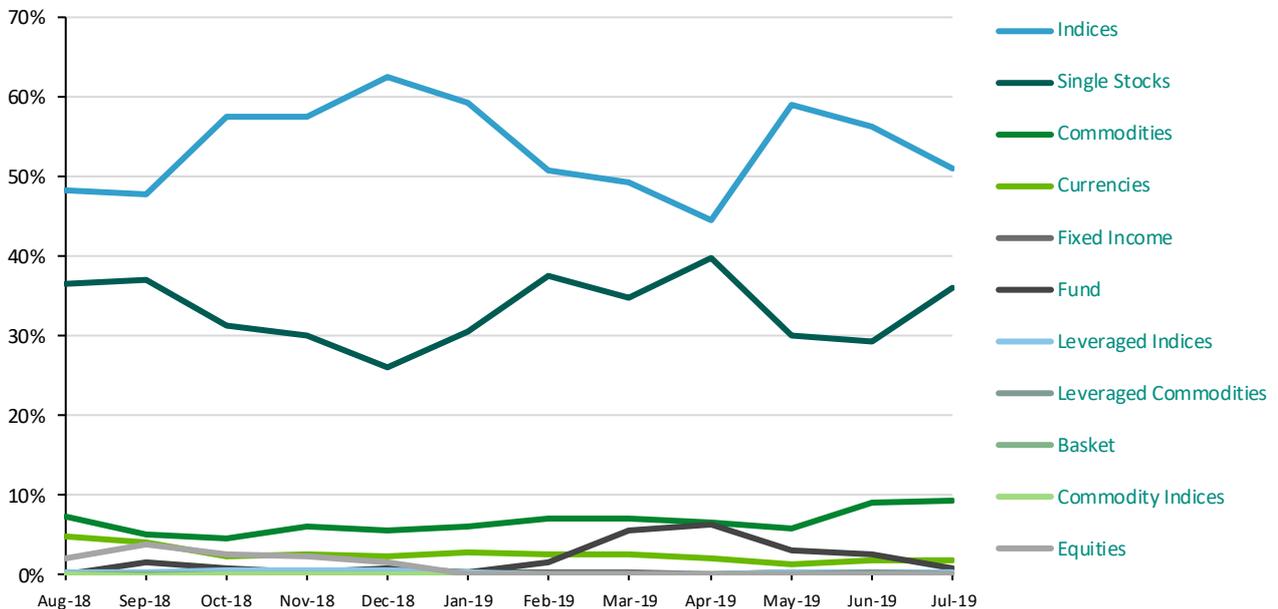
Market Trend: Value traded

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

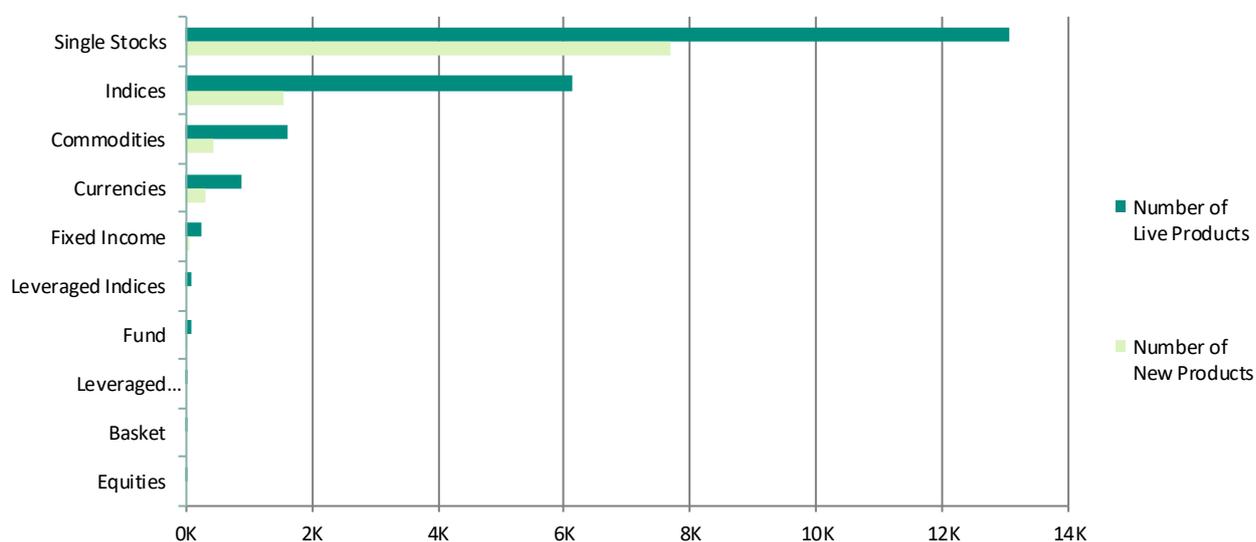
Product Overview

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	13,072	11.3%	15.9%	59.0%	7,698	215%	137%	76.9%
Indices	6,142	-12.6%	-7.5%	27.7%	1,536	-14.2%	-11.0%	15.3%
Commodities	1,603	-6.3%	-2.3%	7.2%	434	-14.4%	27%	4.3%
Currencies	876	-18.2%	-19.5%	4.0%	303	76%	26%	3.0%
Fixed Income	236	-6.4%	-1.4%	1.1%	40	48%	132%	0.4%
Leveraged Indices	94	-2.3%	-8.1%	0.4%	0		-100%	0.0%
Fund	80	3.4%	26%	0.4%	1	-67%	-60%	0.0%
Leveraged Commodities	32	-1.5%	-31%	0.1%	0		-100%	0.0%
Basket	14	-1.1%	-0.1%	0.1%	0			0.0%
Equities	3	82%	-98%	0.0%	0	-100%	-100%	0.0%
Total	22,152	0.5%	4.3%	100%	10,012	102.4%	79.6%	100%

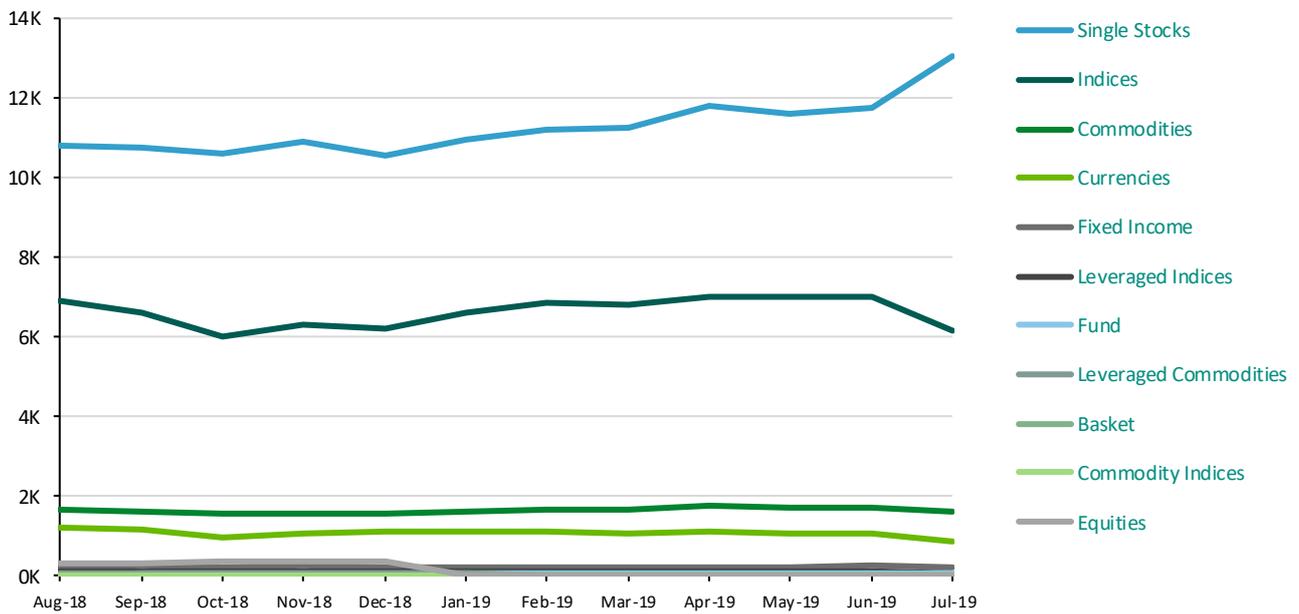
(Source Euronext)



UNDERLYING TYPES

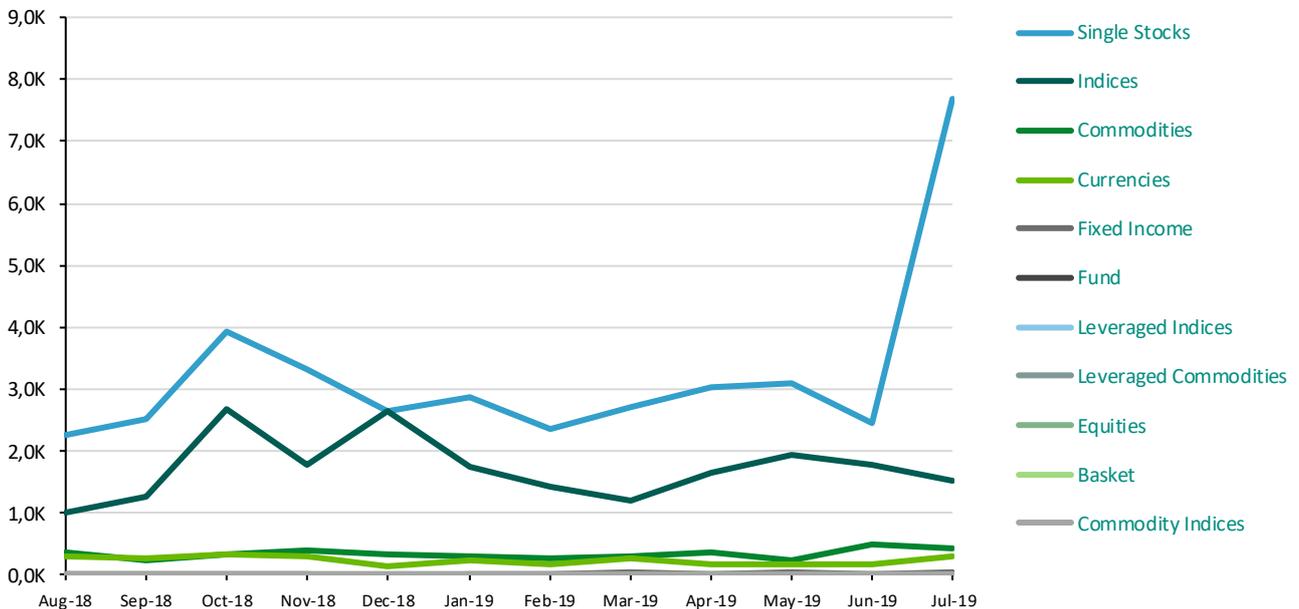
Product Trend: Number of Live Products

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

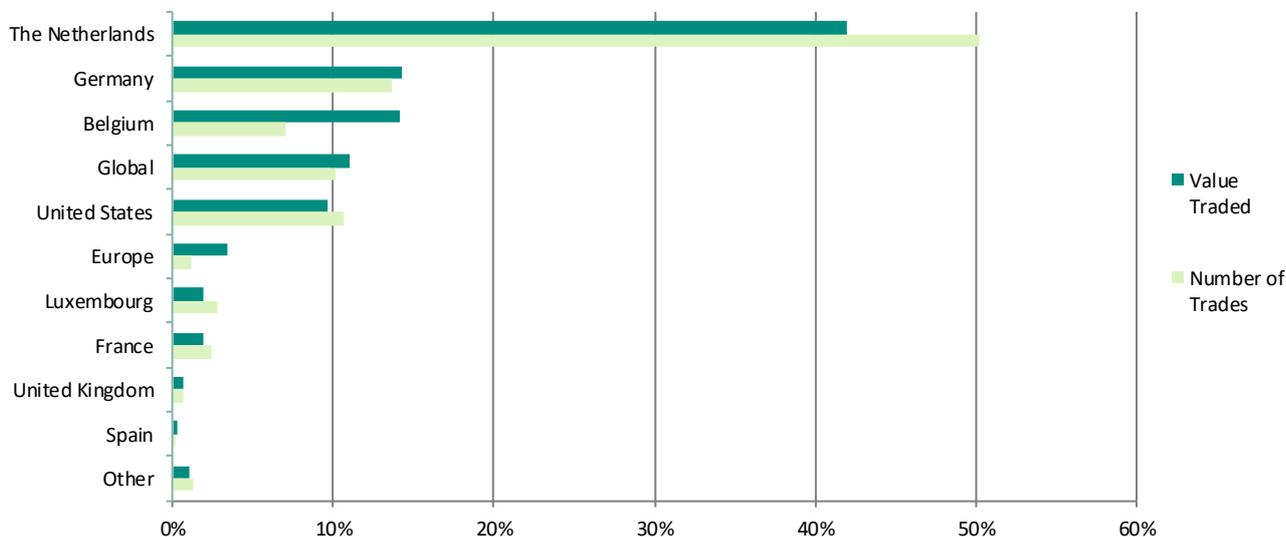
Market Overview

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	7,240	-5.7%	-24%	42.0%	3,427	-7.5%	-12.4%	50.2%
Germany	2,447	37%	-7.9%	14.2%	928	35%	3.4%	13.6%
Belgium	2,423	35%	5.2%	14.1%	481	-44%	-49%	7.1%
Global	1,903	7.6%	32%	11.1%	690	231%	32%	10.1%
United States	1,663	1.8%	16.4%	9.7%	727	-18.0%	332%	10.7%
Europe	583	-40%	-41%	3.4%	81	-74%	-76%	1.2%
Luxembourg	323	2.3%	-17.2%	1.9%	187	15.9%	-10.5%	2.7%
France	319	50%	-8.5%	1.9%	161	2.4%	-13.2%	2.4%
United Kingdom	108	17.9%	-54%	0.6%	46	-6.5%	-37%	0.7%
Spain	44	41%	-0.4%	0.3%	9.3	-53%	-59%	0.1%
Other	164	34%	-2.8%	1.0%	87	59%	17.3%	1.3%
Total	17,219	4.9%	-11.8%	100%	6,825	-3.8%	-7.0%	100%

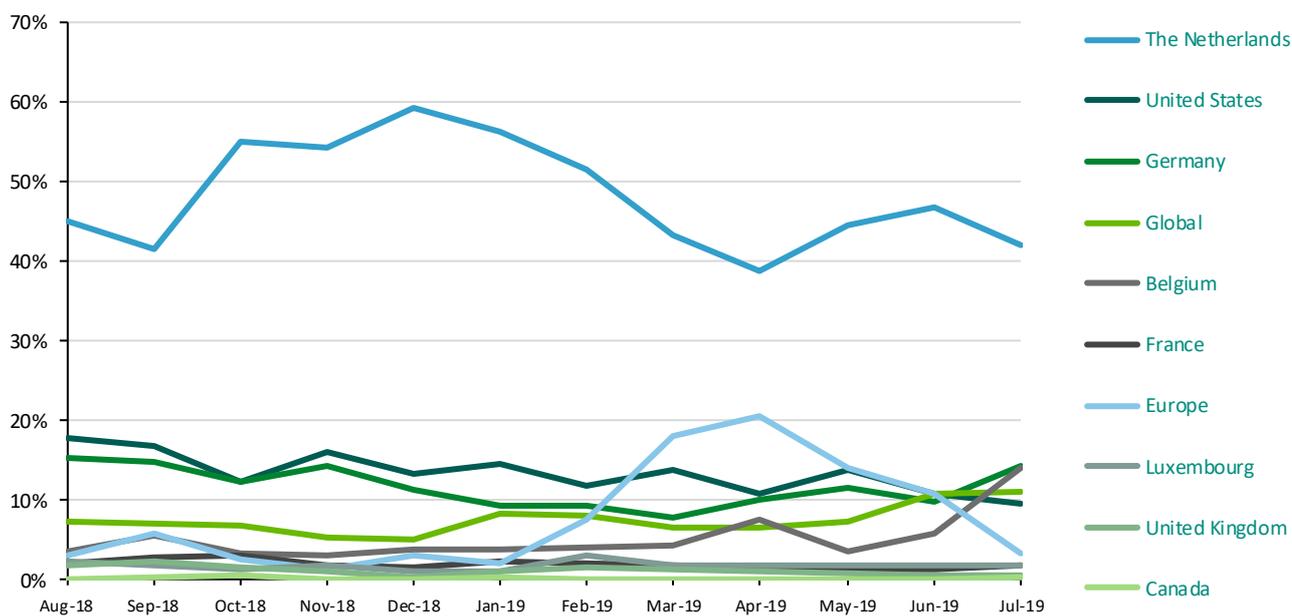
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

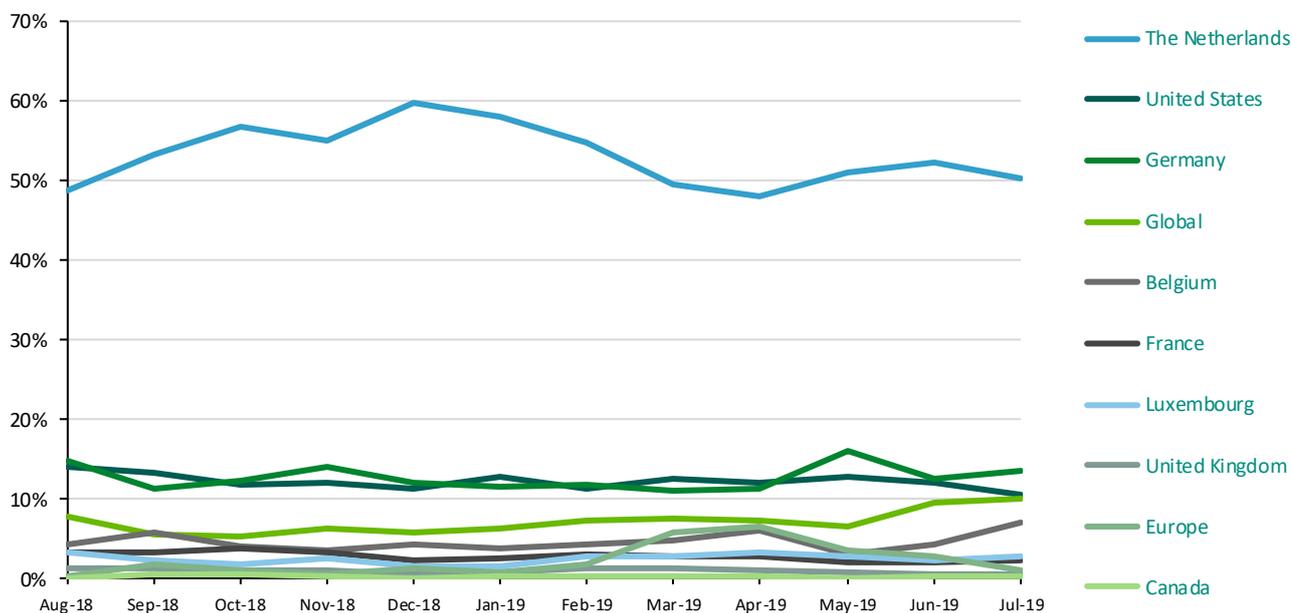
Market Trend: Value traded

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

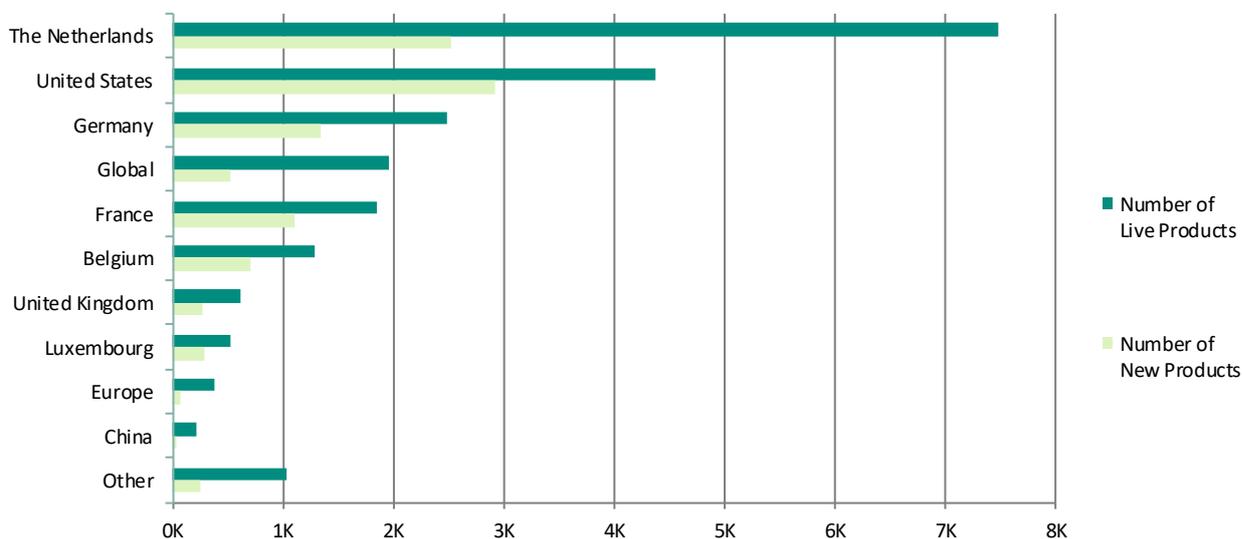
Product Overview

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	7,484	0.2%	2.7%	33.8%	2,514	54%	39%	25.1%
United States	4,376	-1.3%	6.4%	19.8%	2,913	115%	107%	29.1%
Germany	2,476	-0.6%	8.0%	11.2%	1,347	191%	115%	13.5%
Global	1,952	-6.2%	-4.4%	8.8%	530	-1.5%	35%	5.3%
France	1,841	5.9%	6.5%	8.3%	1,096	312%	145%	10.9%
Belgium	1,283	12.4%	18.0%	5.8%	698	226%	162%	7.0%
United Kingdom	606	8.3%	9.2%	2.7%	276	331%	112%	2.8%
Luxembourg	514	7.6%	4.4%	2.3%	279	20%	34%	2.8%
Europe	383	-6.6%	-5.8%	1.7%	67	76%	41%	0.7%
China	208	-11.9%	9.2%	0.9%	40	2.6%	-35%	0.4%
Other	1,027	3.3%	-2.1%	4.6%	252	131%	41%	2.5%
Total	22,152	0.5%	4.3%	100%	10,012	102.4%	79.6%	100%

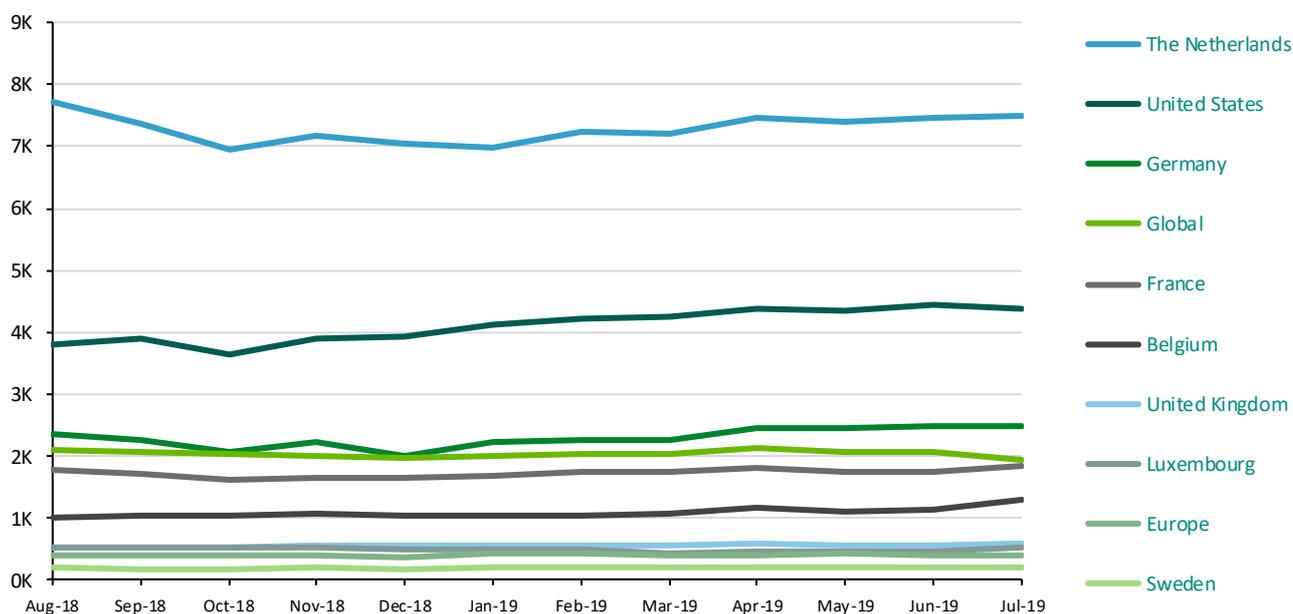
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

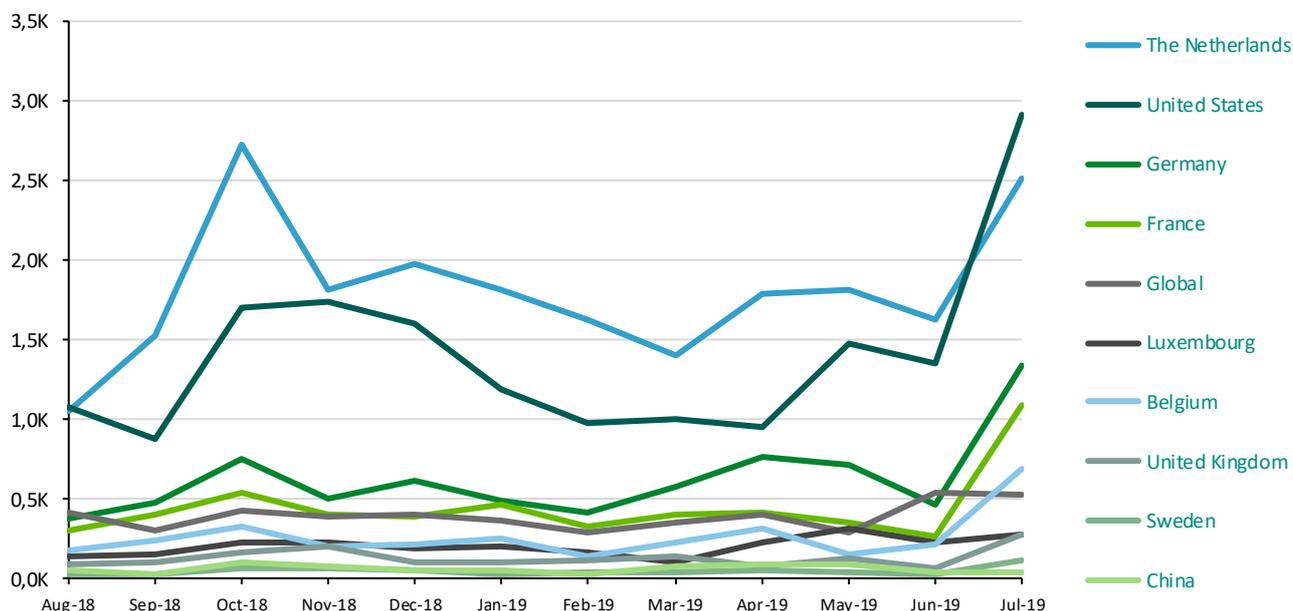
Product Trend: Number of Live Products

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

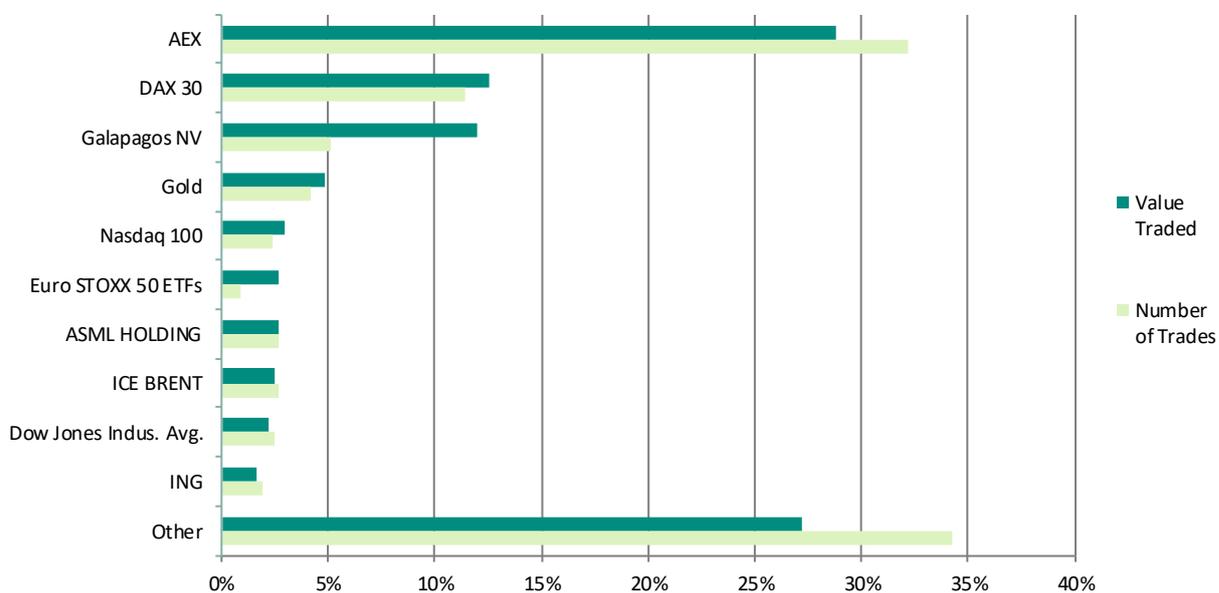
Market Overview

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	4,960	-13.6%	-26%	28.8%	2,199	-16.3%	-13.7%	32.2%
DAX 30	2,163	39%	4.6%	12.6%	777	321%	-5.0%	11.4%
Galapagos NV	2,067	43%	70%	12.0%	346	-55%	145%	5.1%
Gold	831	8.6%	5.6%	4.8%	284	30%	78%	4.2%
Nasdaq 100	503	-24%	-28%	2.9%	163	3.9%	-24%	2.4%
Euro STOXX 50 ETFs	467	3.3%	-28%	2.7%	58	-73%	-70%	0.8%
ASML HOLDING	454	5.9%	-24%	2.6%	181	-30%	-19.3%	2.6%
ICE BRENT	434	4.5%	-3.7%	2.5%	182	-11.3%	31%	2.7%
Dow Jones Indus. Avg.	373	-8.0%	-15.3%	2.2%	167	-7.1%	-15.1%	2.4%
ING	284	-9.2%	-27%	1.6%	134	-15.6%	-21%	2.0%
Other	4,682	10.9%	-15.5%	27.2%	2,335	10.2%	-8.0%	34.2%
Total	17,219	4.9%	-11.8%	100%	6,825	-3.8%	-7.0%	100%

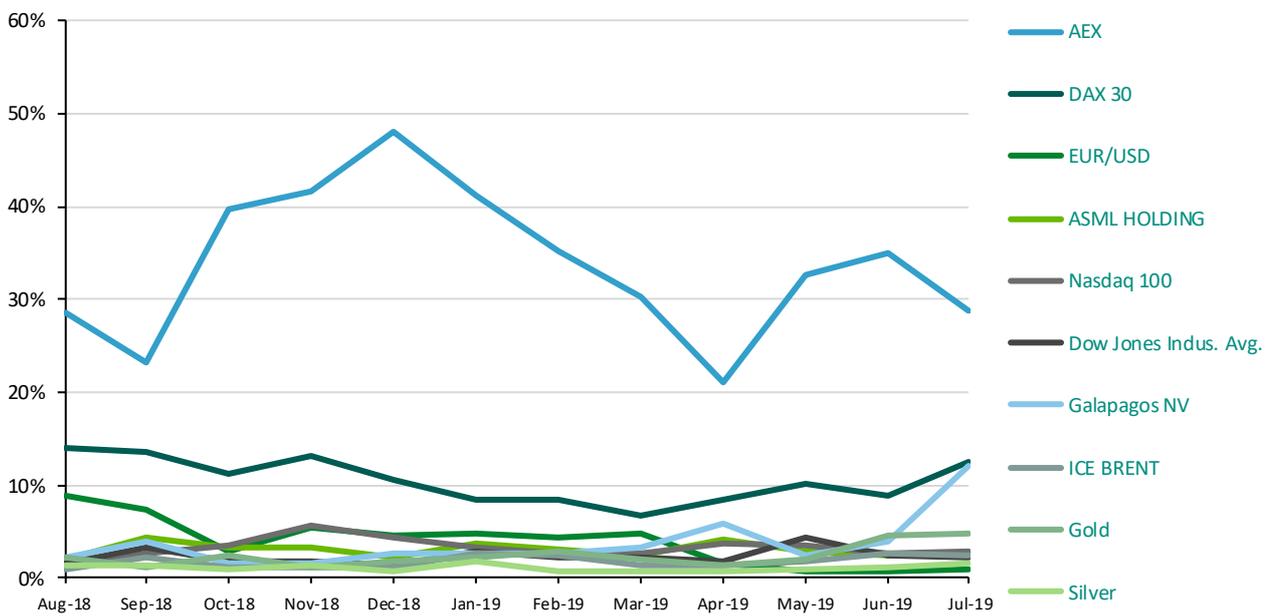
(Source Euronext)



TOP 10 UNDERLYINGS

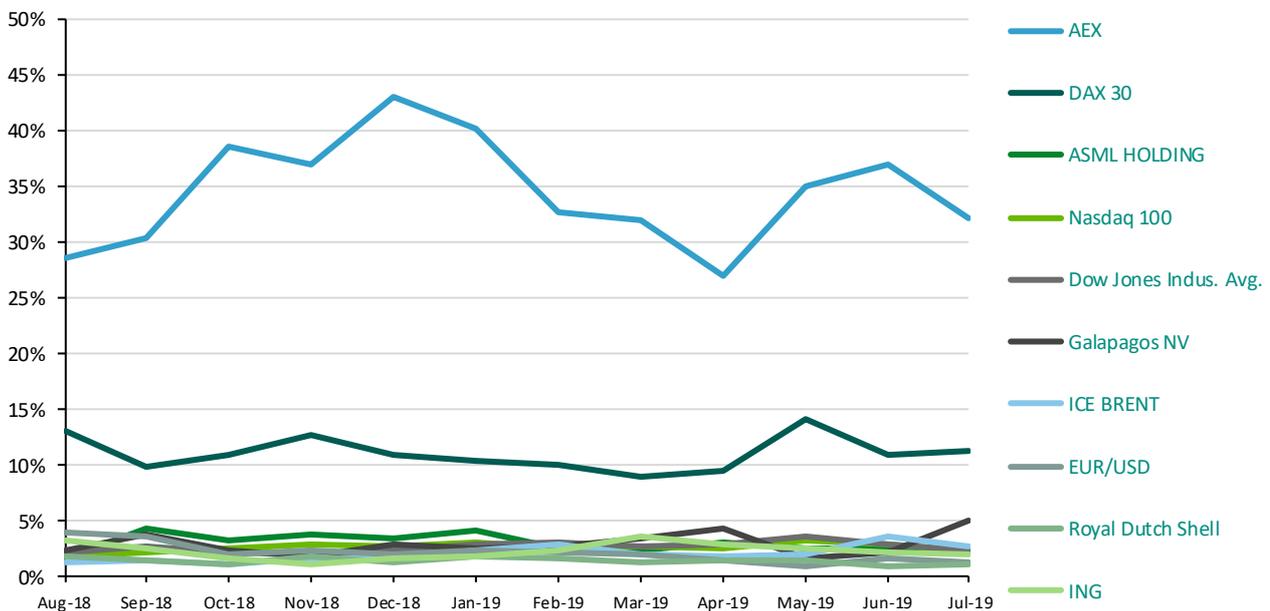
Market Trend: Value traded

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

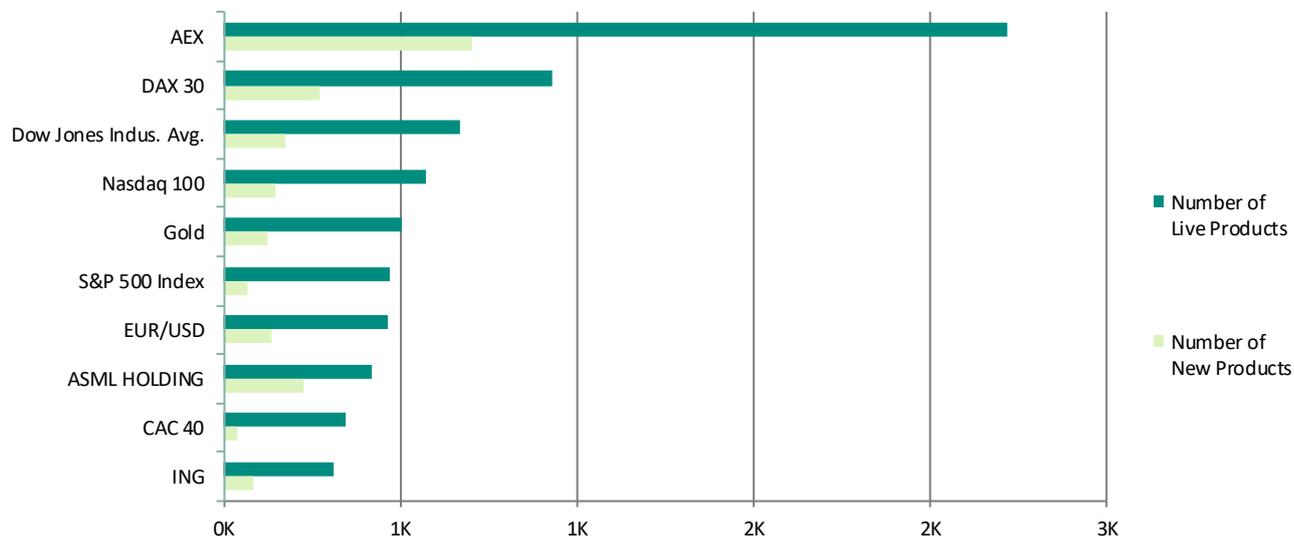
Product Overview

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	2,218	-10.1%	-7.5%	10.0%	700	25%	8.4%	7.0%
DAX 30	931	-15.0%	-9.1%	4.2%	273	6.2%	-9.2%	2.7%
Dow Jones Indus. Avg.	670	-24%	-11.9%	3.0%	174	-58%	-36%	1.7%
Nasdaq 100	570	-12.5%	-0.1%	2.6%	147	-40%	-28%	1.5%
Gold	501	-5.0%	-4.1%	2.3%	124	-40%	64%	1.2%
S&P 500 Index	472	-13.8%	-9.5%	2.1%	68	-56%	-35%	0.7%
EUR/USD	462	-18.7%	-21%	2.1%	135	48%	28%	1.3%
ASML HOLDING	416	-0.7%	9.7%	1.9%	225	103%	101%	2.2%
CAC 40	345	-16.8%	-12.5%	1.6%	36	-56%	-61%	0.4%
ING	311	-4.7%	8.5%	1.4%	82	21%	7.2%	0.8%
Other	15,256	8.0%	10.5%	68.9%	8,048	192%	125%	80.4%
Total	22,152	0.5%	4.3%	100%	10,012	102.4%	79.6%	100%

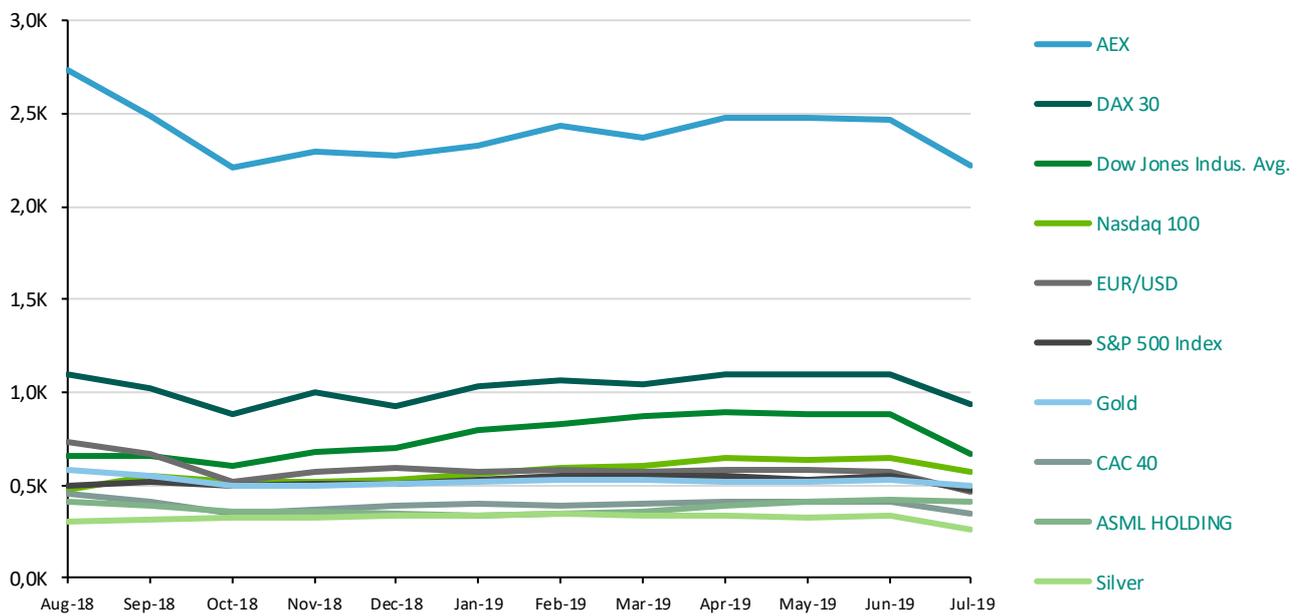
(Source Euronext)



TOP 10 UNDERLYINGS

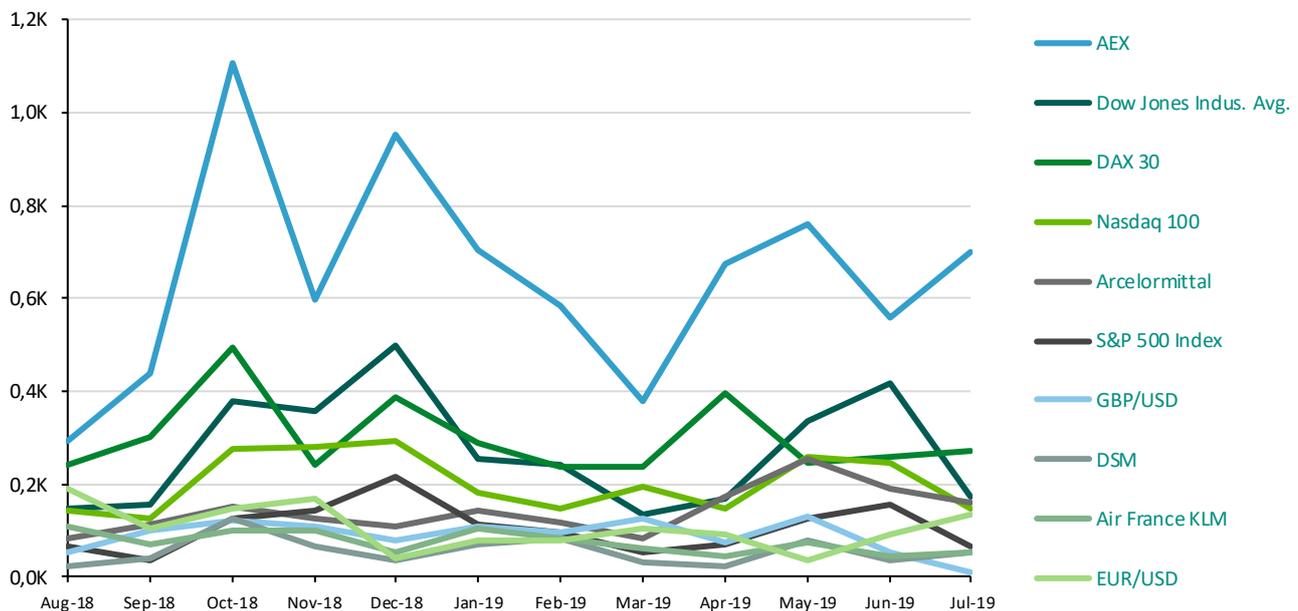
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

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

(Source Euronext)



Euronext Brussels

ISSUERS

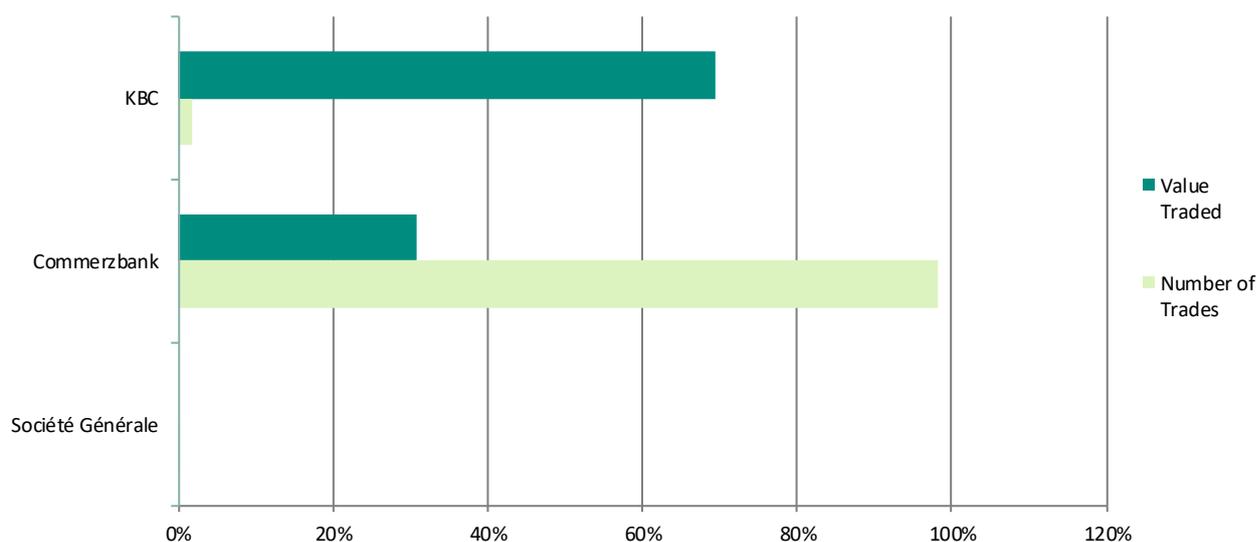
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
KBC	600	94%	27%	69.3%	3.2	-98.3%	-98.6%	1.9%
Commerzbank	266	NA	108%	30.7%	170	NA	NA	98.1%
Société Générale	0	-100%	-100%	0.0%	0.0	-13.0%	-30.7%	0.0%
Total	866	178.3%	44.2%	100%	173	-6.5%	-23.8%	100%

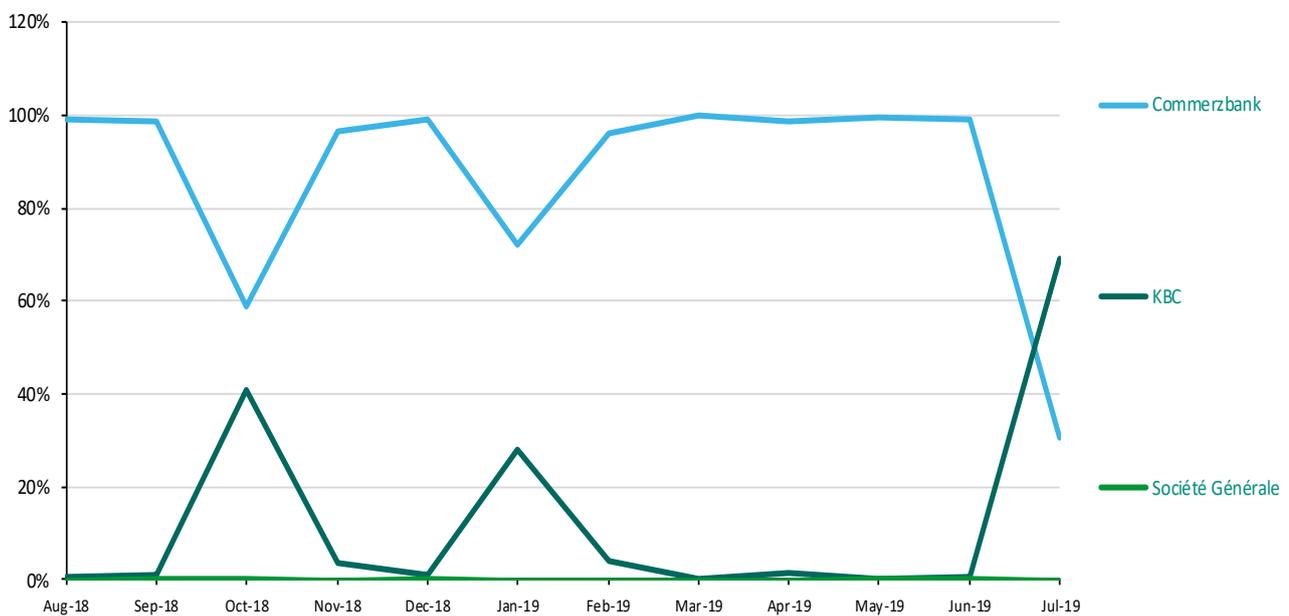
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ISSUERS

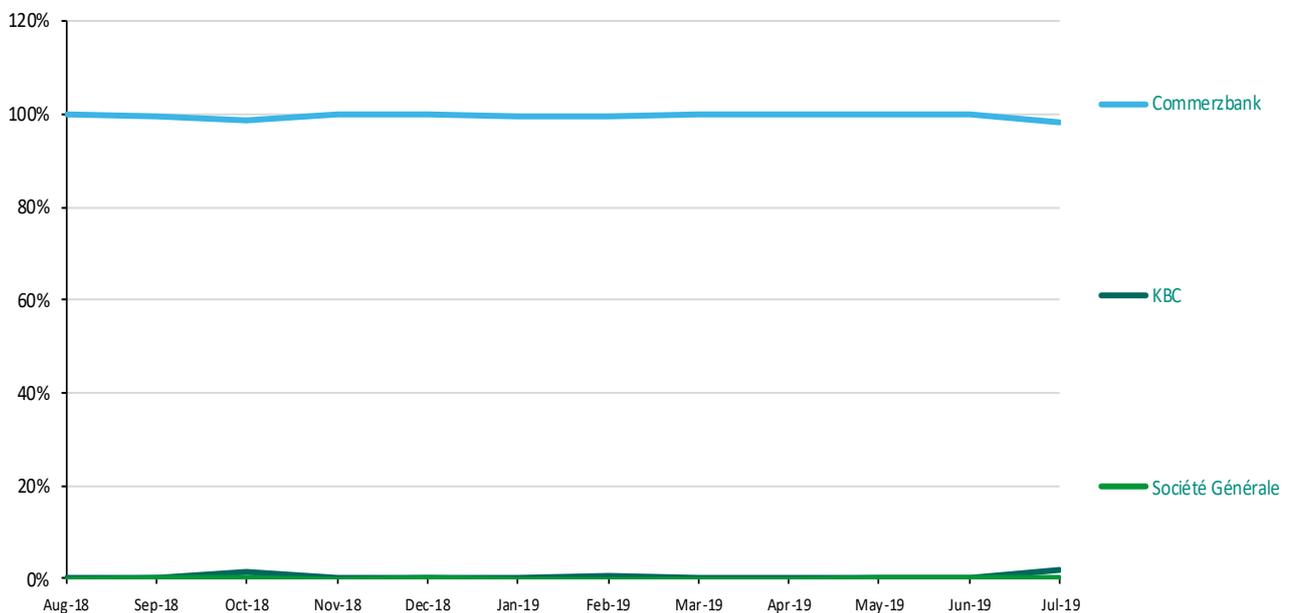
Market Trend: Value traded

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

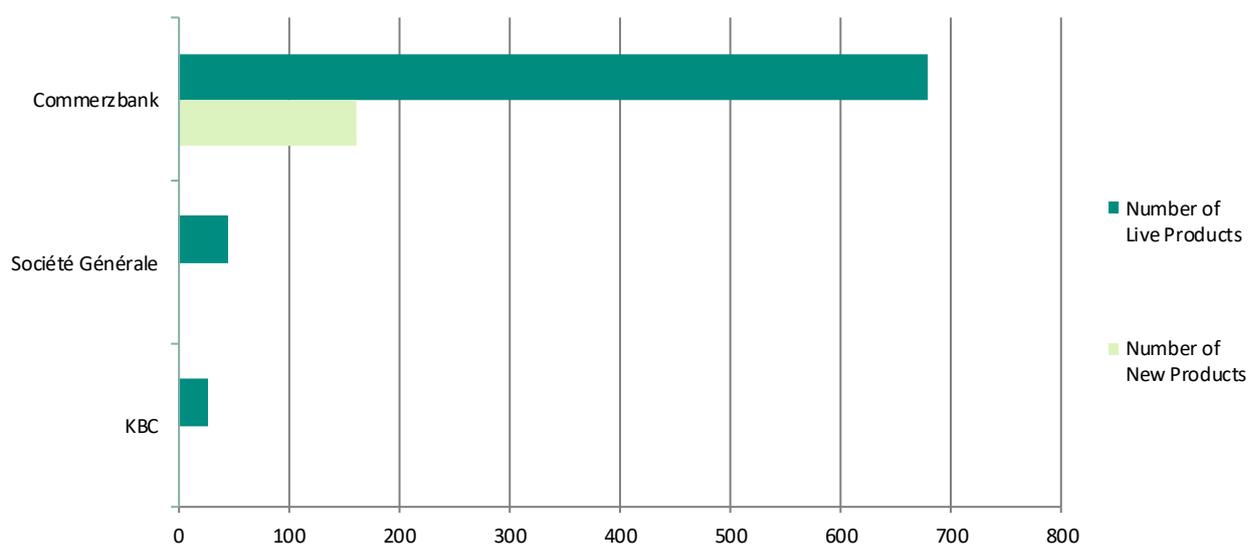
Product Overview

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	679	2.3%	-10.2%	90.5%	161	-19.5%	-25%	98.8%
Société Générale	45	0.0%	-3.3%	6.0%	0			0.0%
KBC	26	8.4%	7.2%	3.5%	2	100%	33%	1.2%
Total	750	2.4%	-9.3%	100%	163	-18.9%	-24.6%	100%

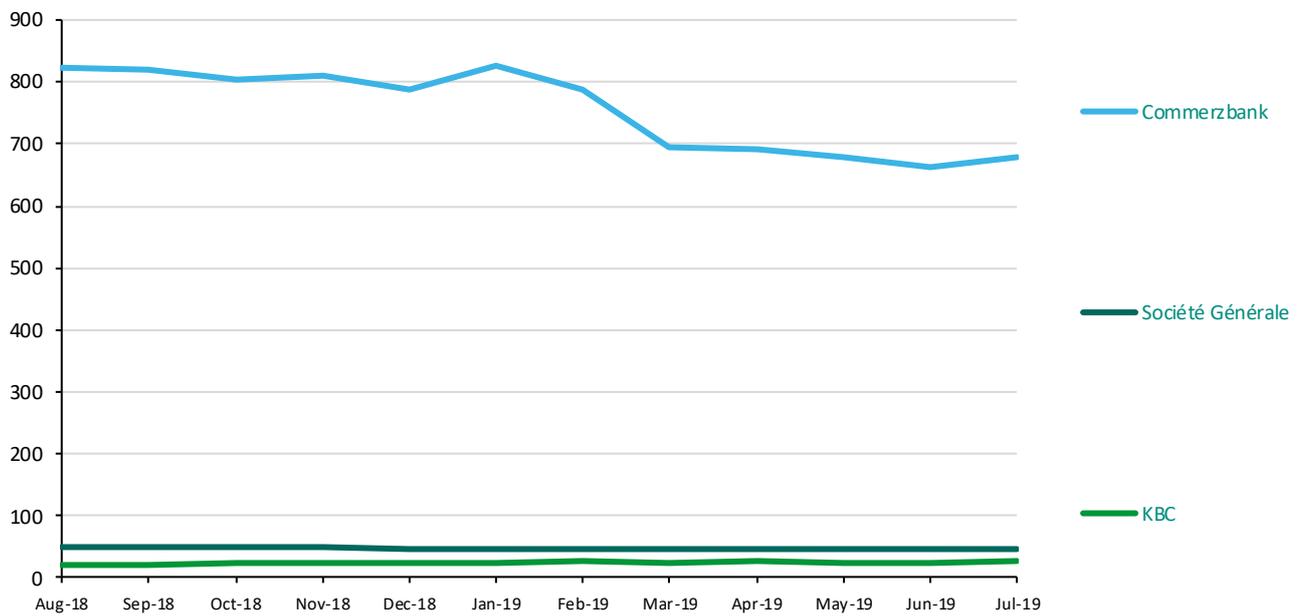
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ISSUERS

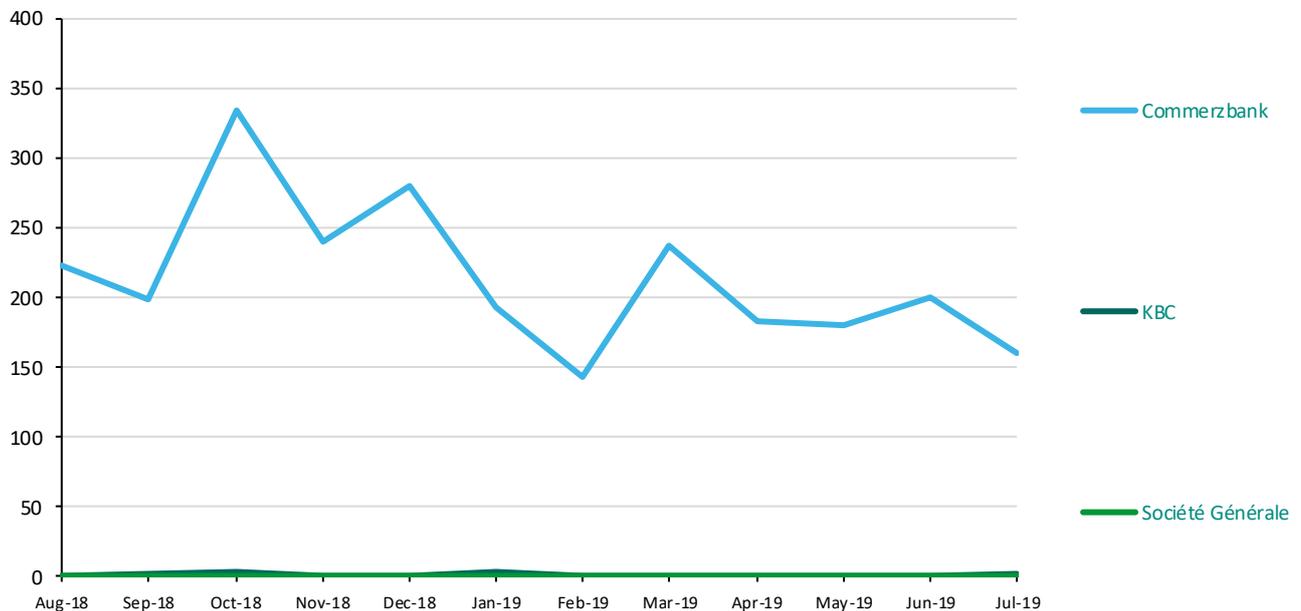
Product Trend: Number of Live Products

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

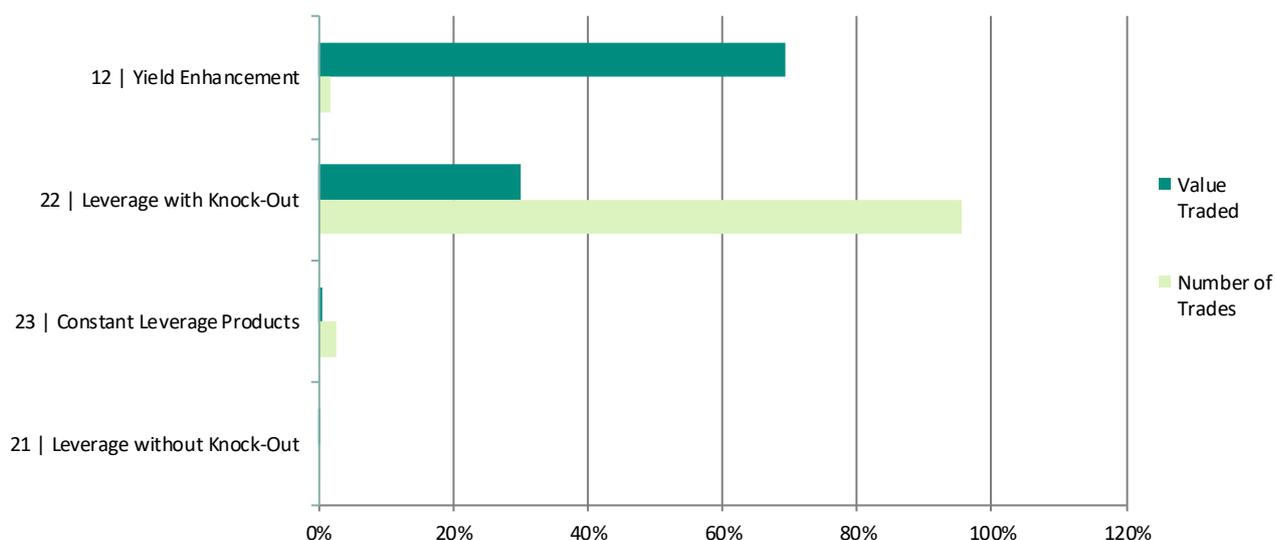
Market Overview

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	600	96%	29%	69.3%	3.2	-98.2%	-98.6%	1.8%
22 Leverage with Knock-Out	260	NA	113%	30.0%	165	NA	NA	95.6%
23 Constant Leverage Products	6	162%	-37%	0.7%	4.3	NA	-10.5%	2.5%
21 Leverage without Knock-Out	0		-93%	0.1%	0.0		-90.1%	0.0%
Total	866	178.3%	44.2%	100%	173	-6.5%	-23.8%	100%

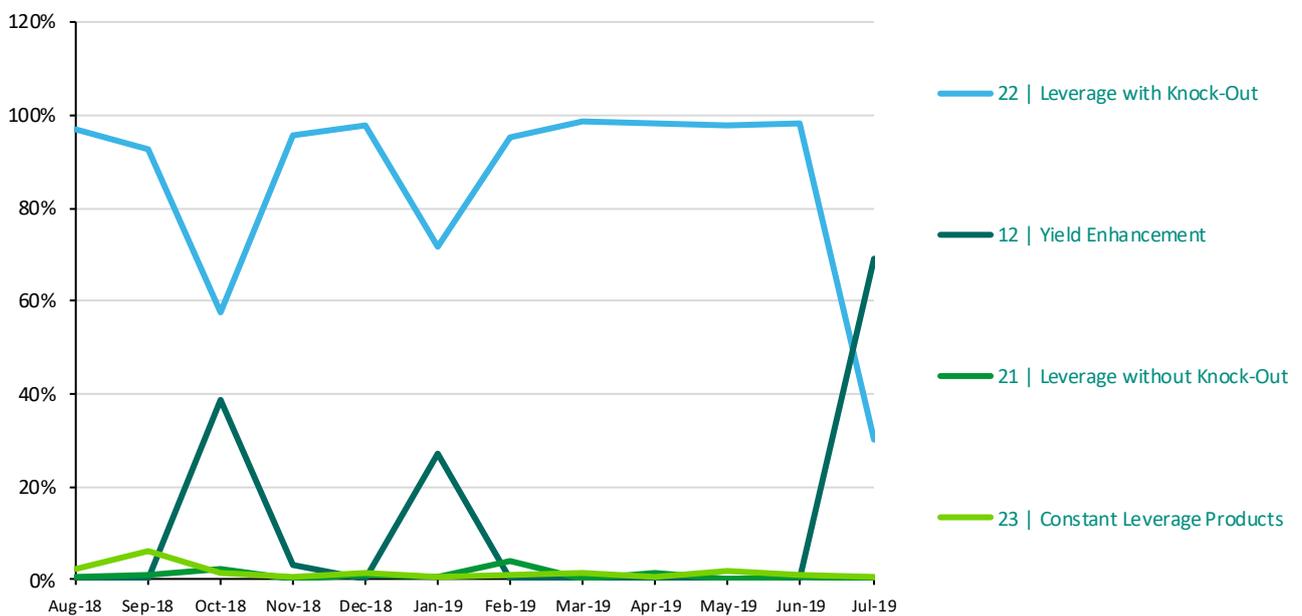
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

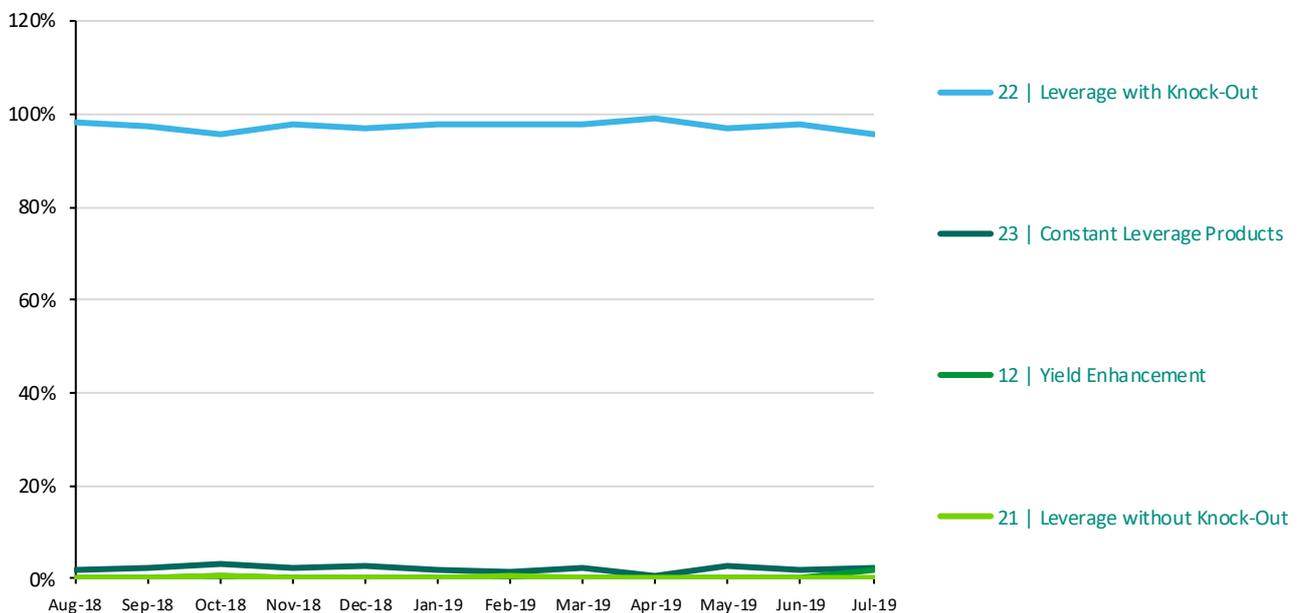
Market Trend: Value traded

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

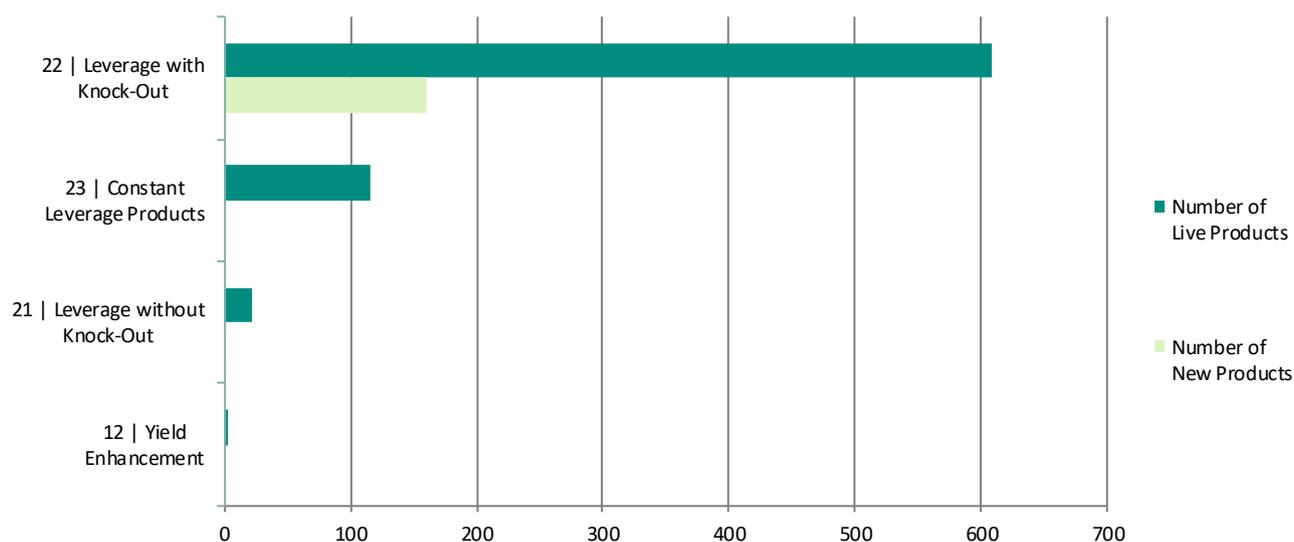
Product Overview

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	609	2.8%	-11.3%	81.2%	161	-5.8%	-22%	98.8%
23 Constant Leverage Products	115	-1.1%	-0.8%	15.3%	0	-100%	-100%	0.0%
21 Leverage without Knock-Out	23	4.2%	-1.1%	3.0%	1	0.0%	-14.3%	0.6%
12 Yield Enhancement	4	47%	102%	0.5%	1		200%	0.6%
Total	750	2.4%	-9.3%	100%	163	-18.9%	-24.6%	100%

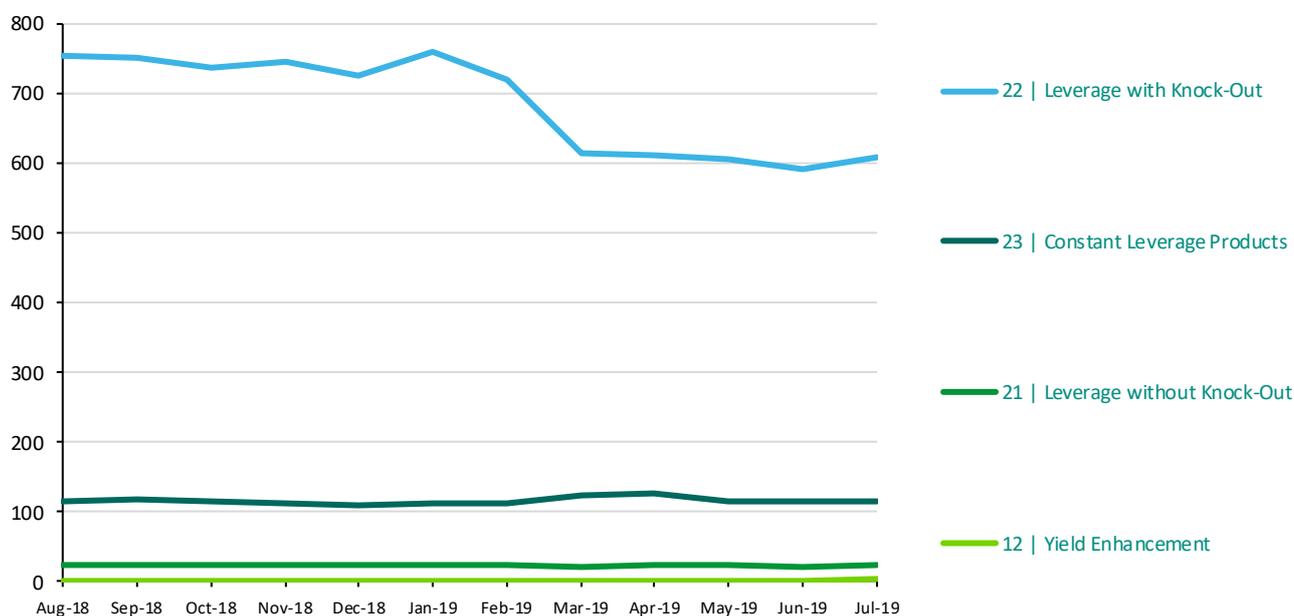
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

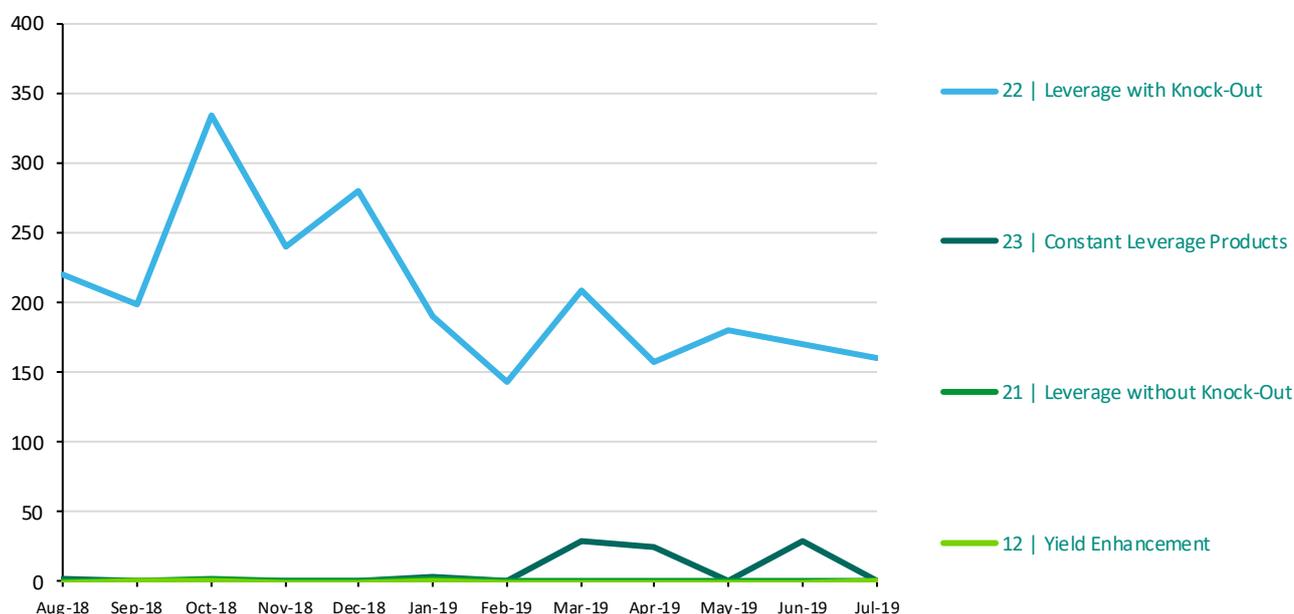
Product Trend: Number of Live Products

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

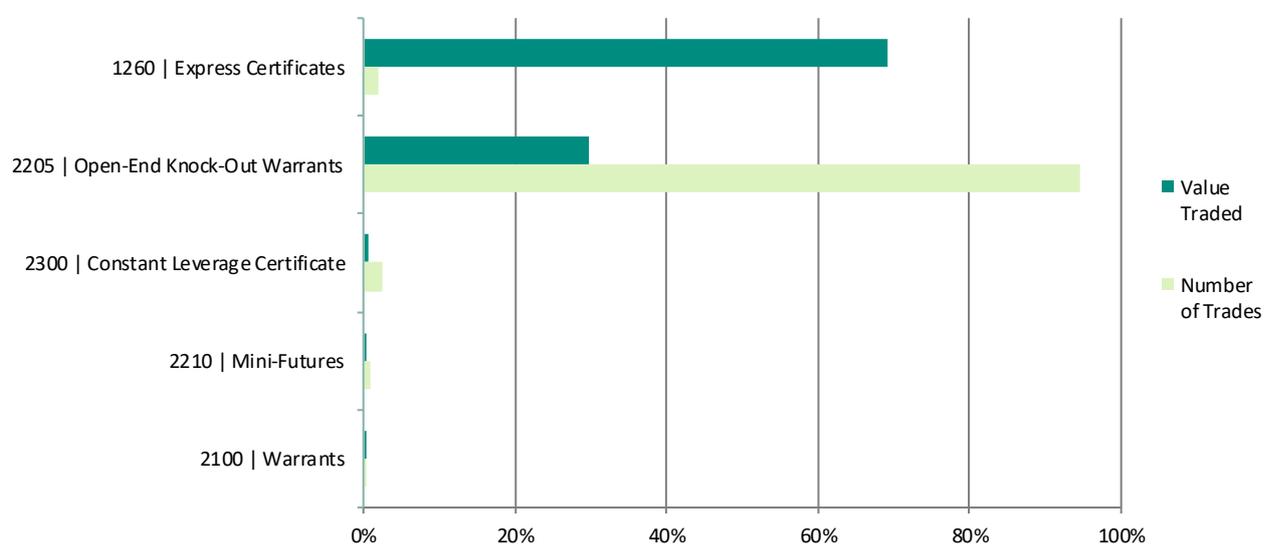
Market Overview

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	600	99%	31%	69.3%	3.2	-98.2%	-98.5%	1.8%
2205 Open-End Knock-Out Warrants	257	NA	111%	29.7%	163	NA	NA	94.6%
2300 Constant Leverage Certificate	6	67%	-37%	0.7%	4.3	21%	-10.5%	2.5%
2210 Mini-Futures	3	40%	-53%	0.4%	1.8	791%	-56%	1.0%
2100 Warrants	0		-93%	0.1%	0.0		-90%	0.0%
Total	866	178.3%	44.2%	100%	173	-6.5%	-23.8%	100%

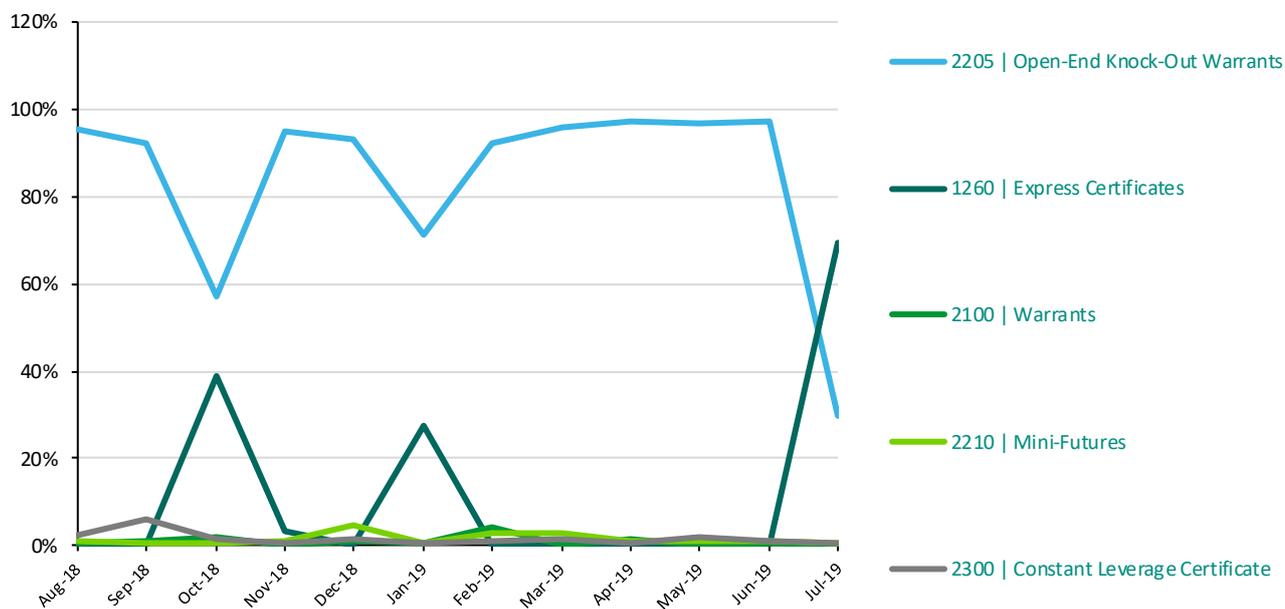
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

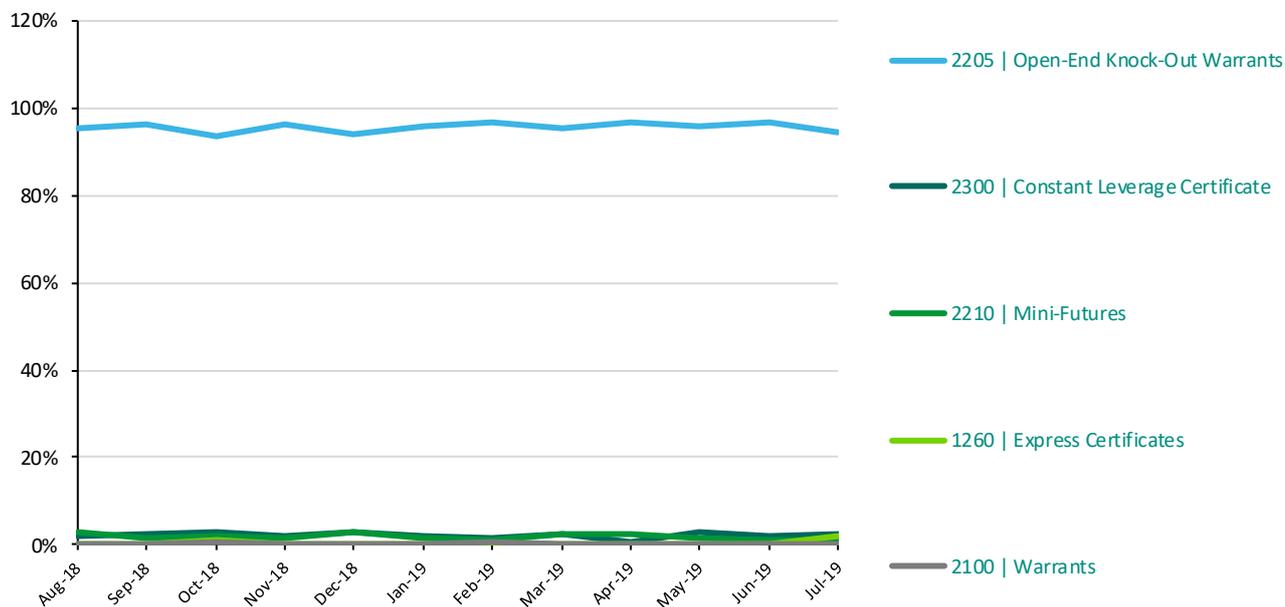
Market Trend: Value traded

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

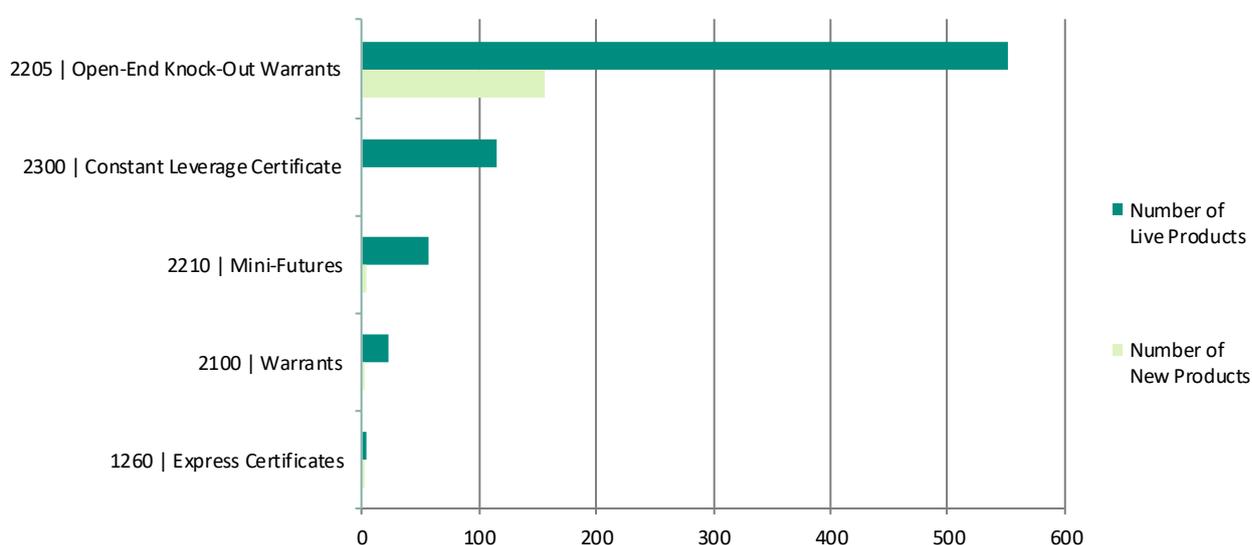
Product Overview

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	551	3.4%	-9.1%	73.5%	157	-7.6%	-23%	96.3%
2300 Constant Leverage Certificate	115	-1.1%	-0.8%	15.3%	0	-100%	-100%	0.0%
2210 Mini-Futures	58	-2.1%	-28%	7.7%	4	300%	2.1%	2.5%
2100 Warrants	23	4.2%	-1.1%	3.0%	1	0.0%	-14.3%	0.6%
1260 Express Certificates	4	47%	102%	0.5%	1		200%	0.6%
Total	750	2.4%	-9.3%	100%	163	-18.9%	-24.6%	100%

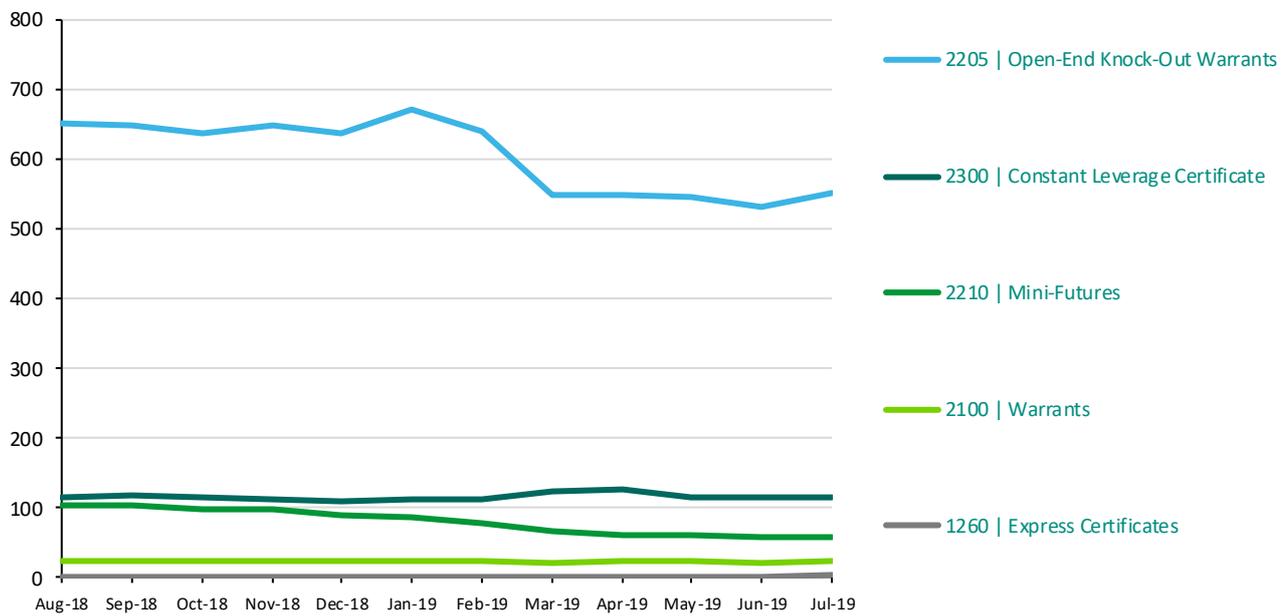
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

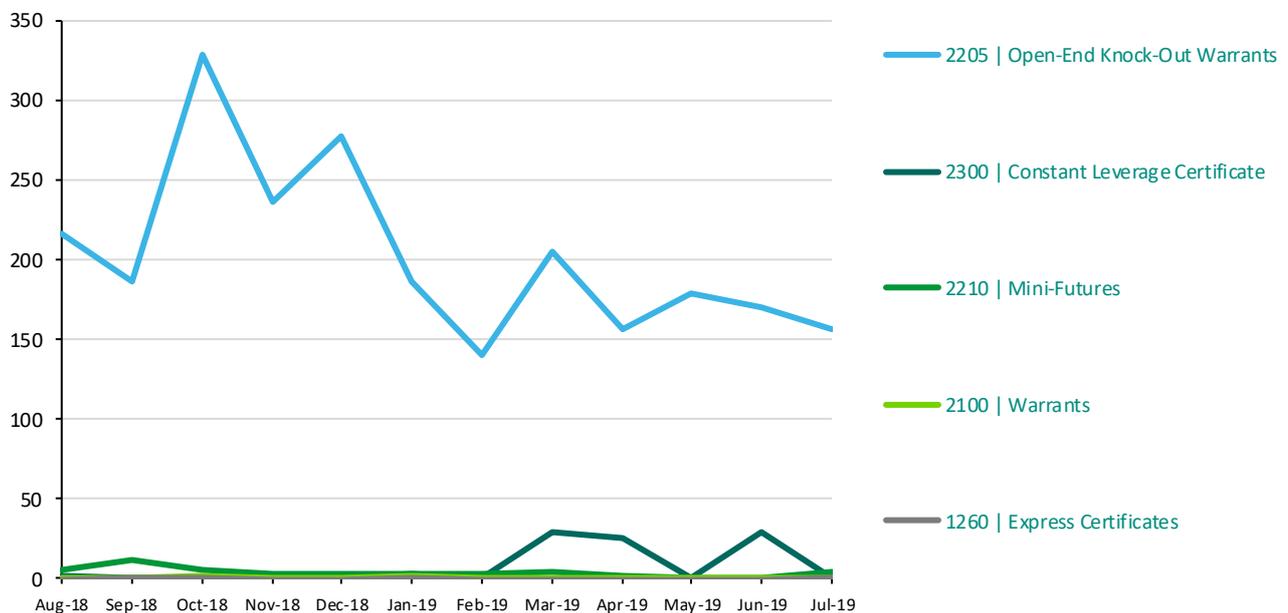
Product Trend: Number of Live Products

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

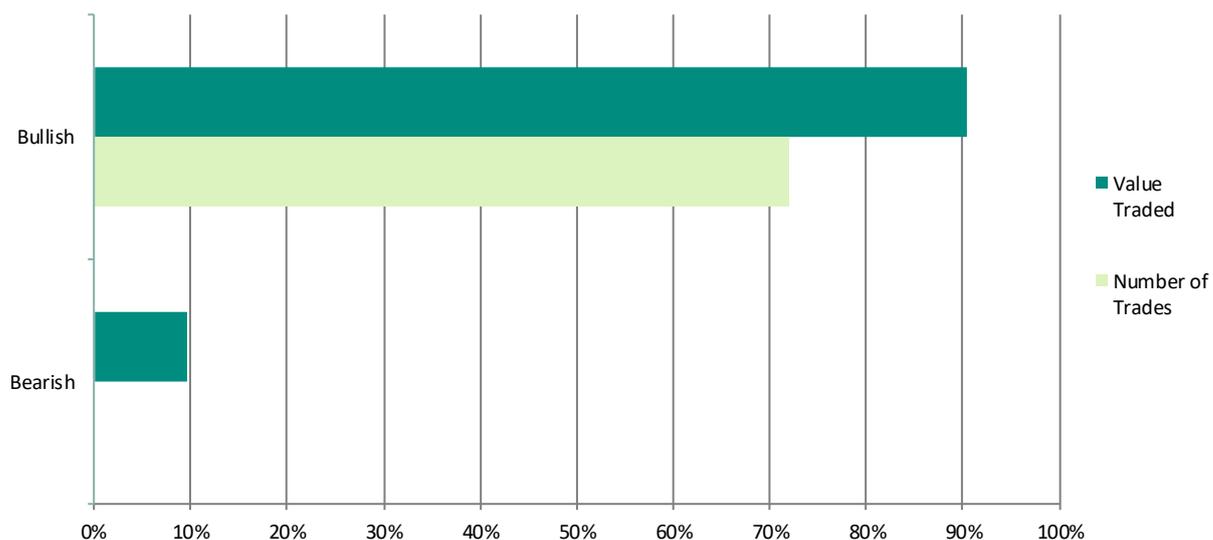
Market Overview

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	783	303%	85%	90.4%	124	3.2%	-12.3%	72.0%
Bearish	83	-29%	-53%	9.6%	0.0	-100%	-100%	0.0%
Total	866	178.3%	44.2%	100%	173	-6.5%	-23.8%	100%

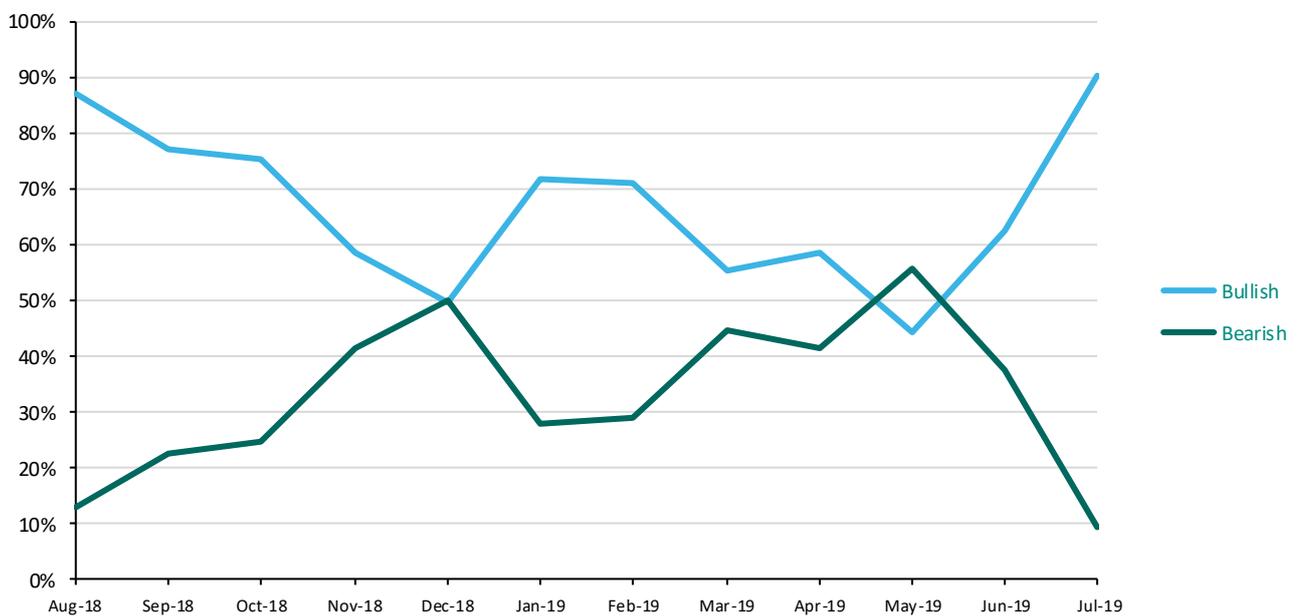
(Source Euronext)



PRODUCT STRATEGIES

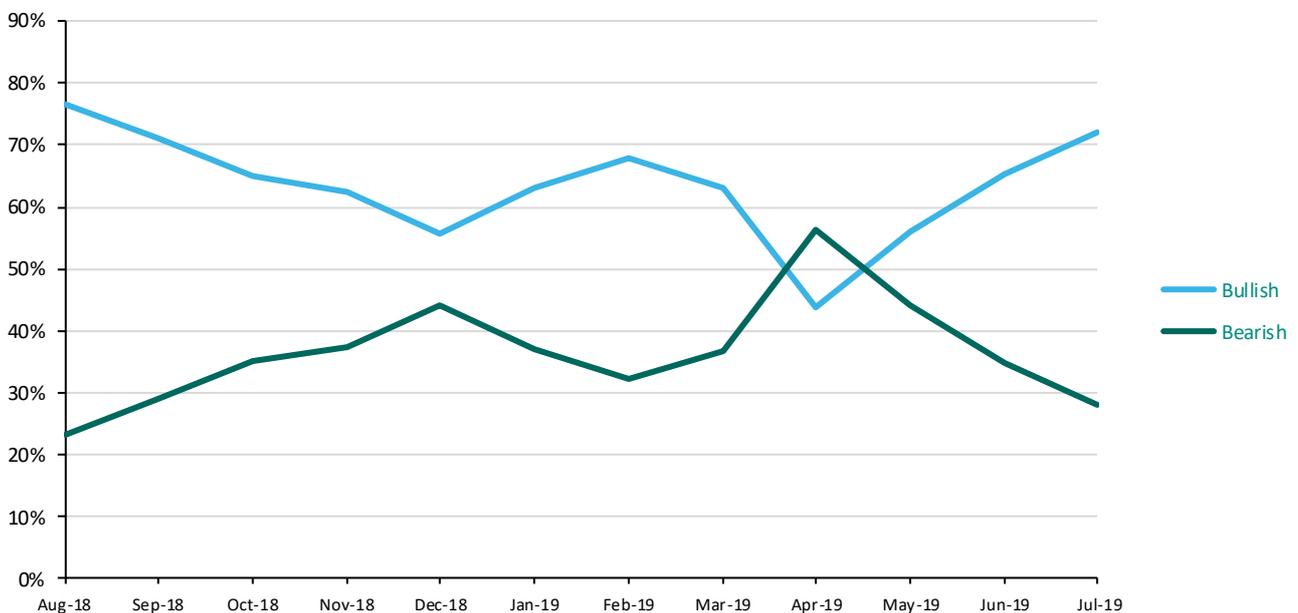
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

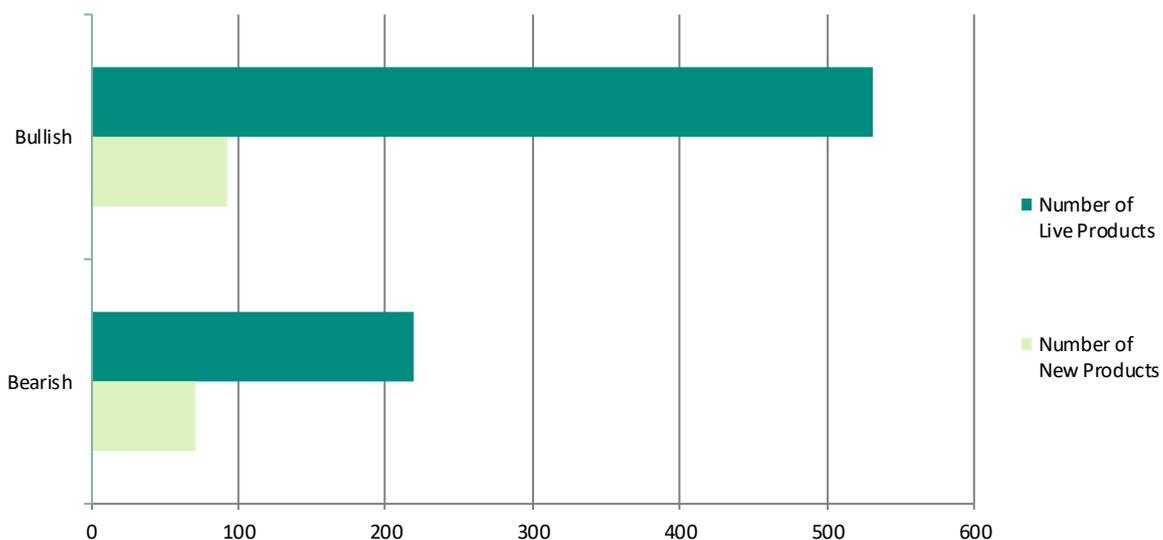
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	531	6.5%	-1.4%	70.8%	93	-25%	-25%	57.1%
Bearish	219	-6.4%	-24%	29.2%	70	-9.1%	-25%	42.9%
Total	750	2.4%	-9.3%	100%	163	-18.9%	-24.6%	100%

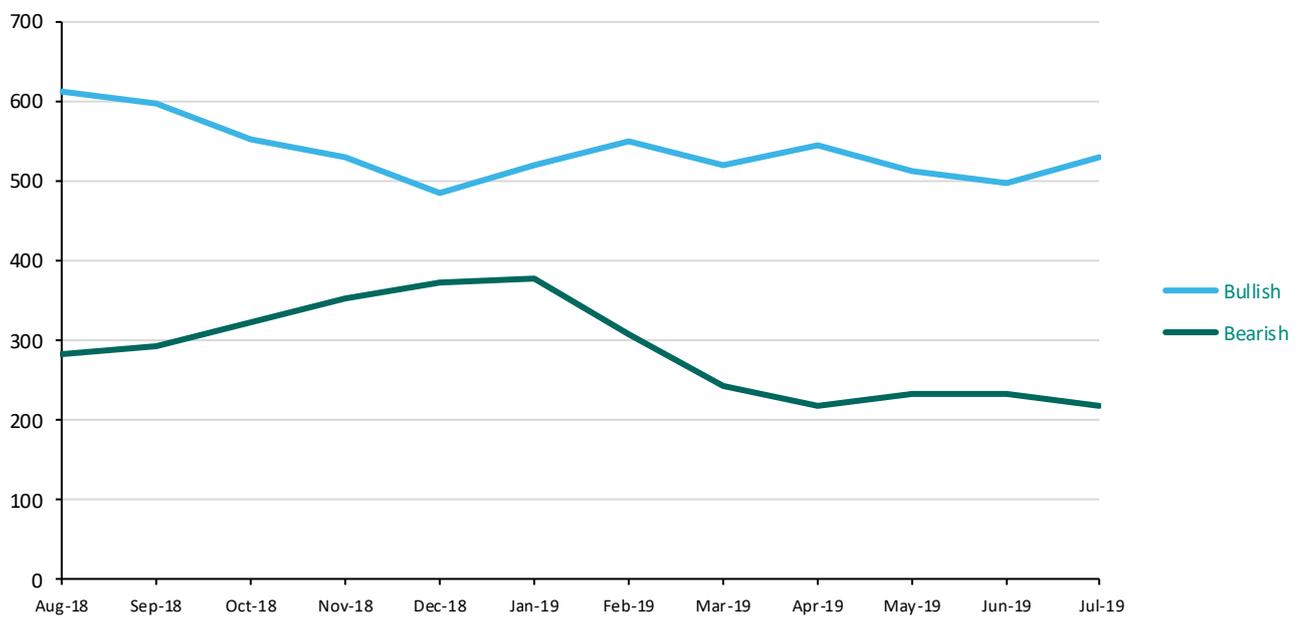
(Source Euronext)



PRODUCT STRATEGIES

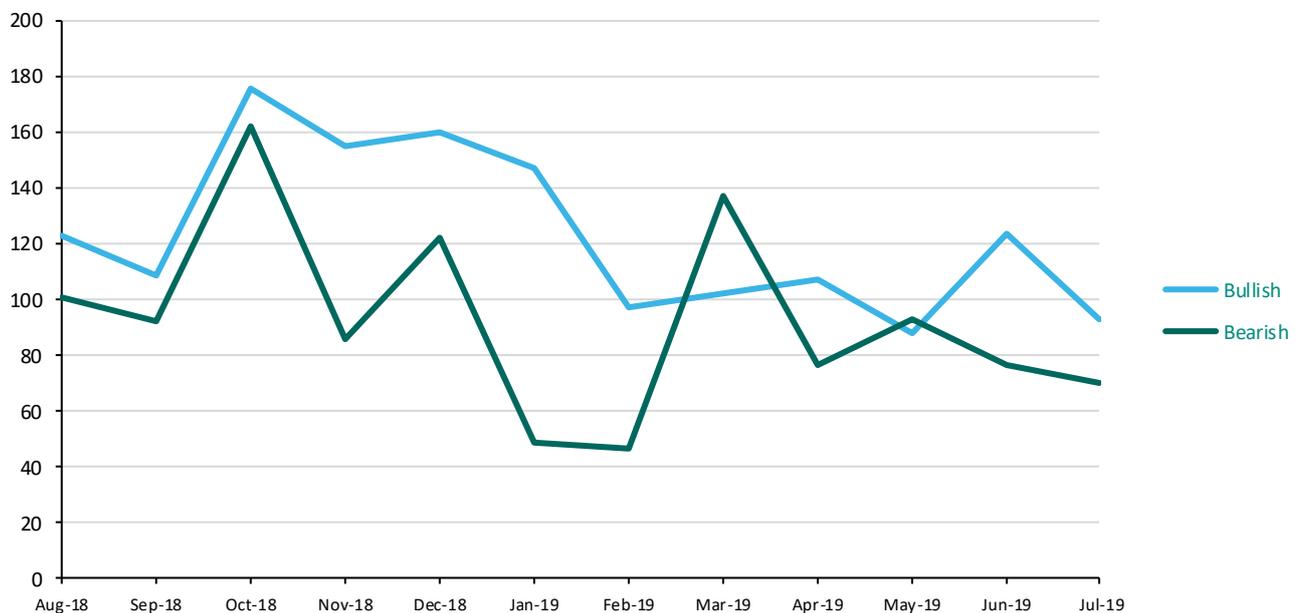
Product Trend: Number of Live Products

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

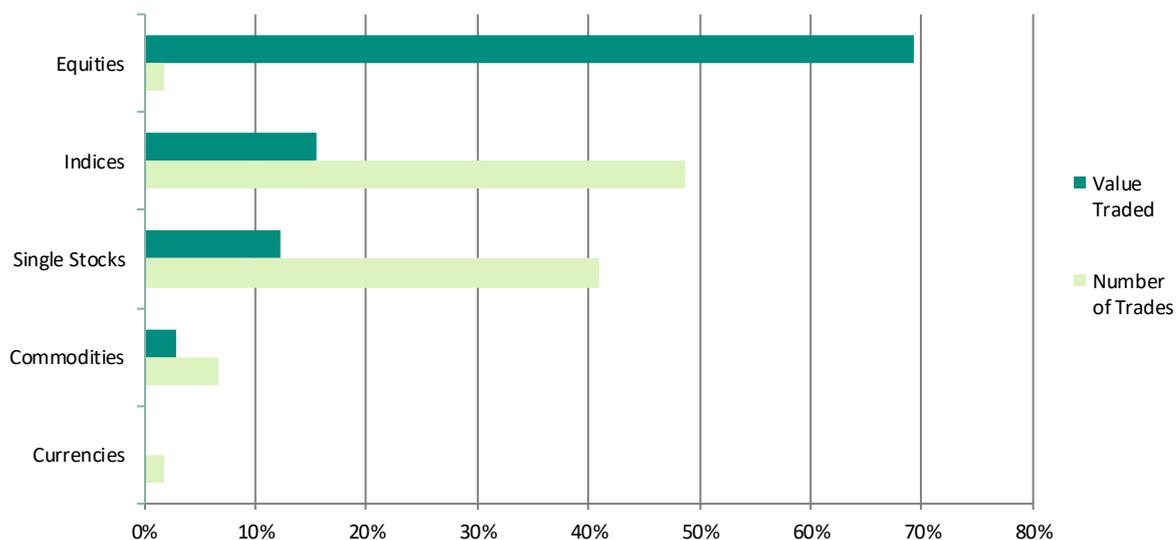
Market Overview

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
Equities	600	174%	49%	69.3%	3.2	-97.1%	-97.7%	1.8%
Indices	134	180%	52%	15.5%	84	344.9%	23.6%	48.8%
Single Stocks	106	147%	96%	12.3%	71	35.6%	NA	40.9%
Commodities	25	NA	-54%	2.9%	12	268.5%	-19.8%	6.7%
Currencies	1	NA	-69%	0.1%	3.0	NA	-8.2%	1.7%
Total	866	178.3%	44.2%	100%	173	-6.5%	-23.8%	100%

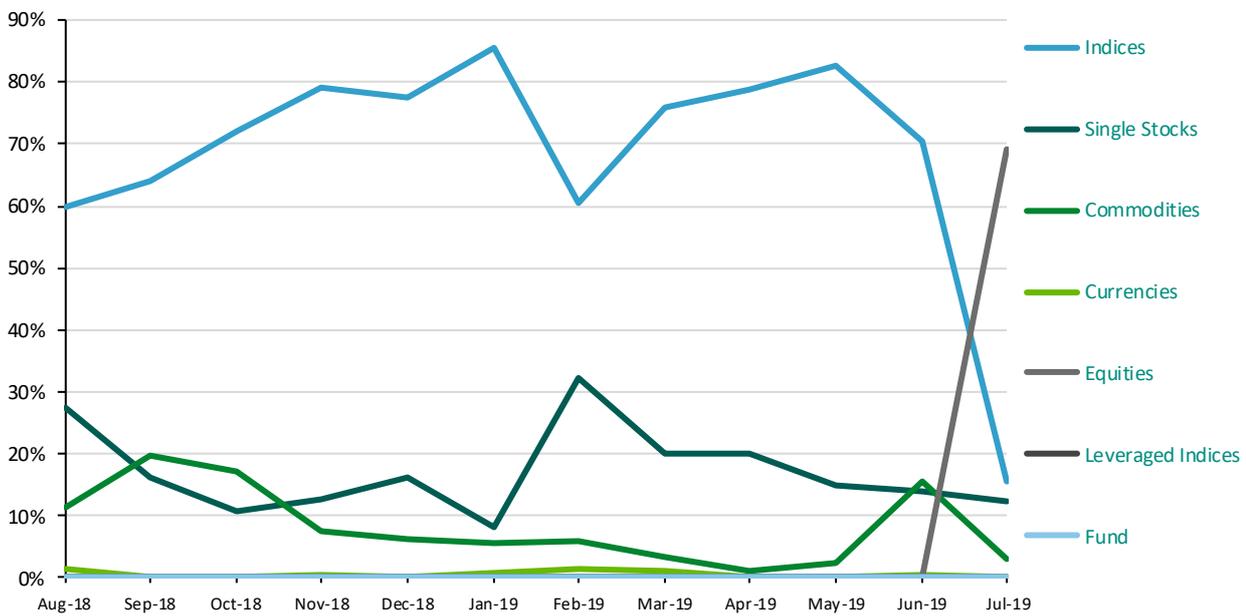
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UNDERLYING TYPES

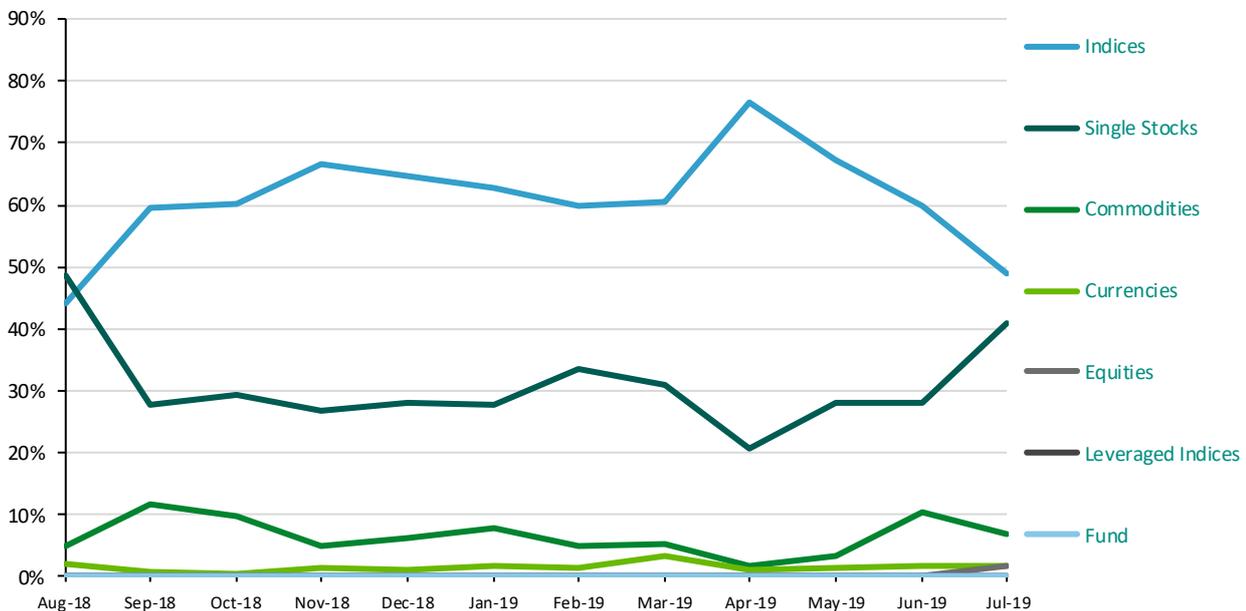
Market Trend: Value traded

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

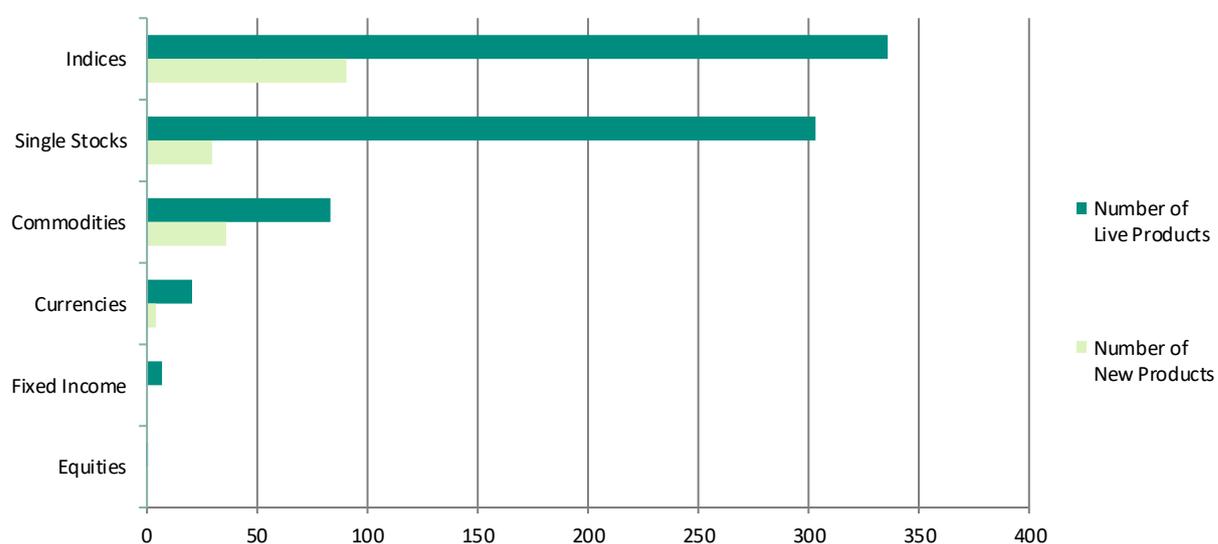
Product Overview

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	336	2.5%	-7.6%	44.8%	91	-24%	-32%	55.8%
Single Stocks	303	1.4%	-10.9%	40.4%	30	3.4%	-28%	18.4%
Commodities	83	5.9%	-6.8%	11.1%	36	-10.0%	8.0%	22.1%
Currencies	20	0.8%	-25%	2.7%	4	-33%	-26%	2.5%
Fixed Income	7	-3.4%	0.5%	0.9%	0	-100%	-100%	0.0%
Equities	1		NA	0.1%	1		NA	0.6%
Total	750	2.4%	-9.3%	100%	163	-18.9%	-24.6%	100%

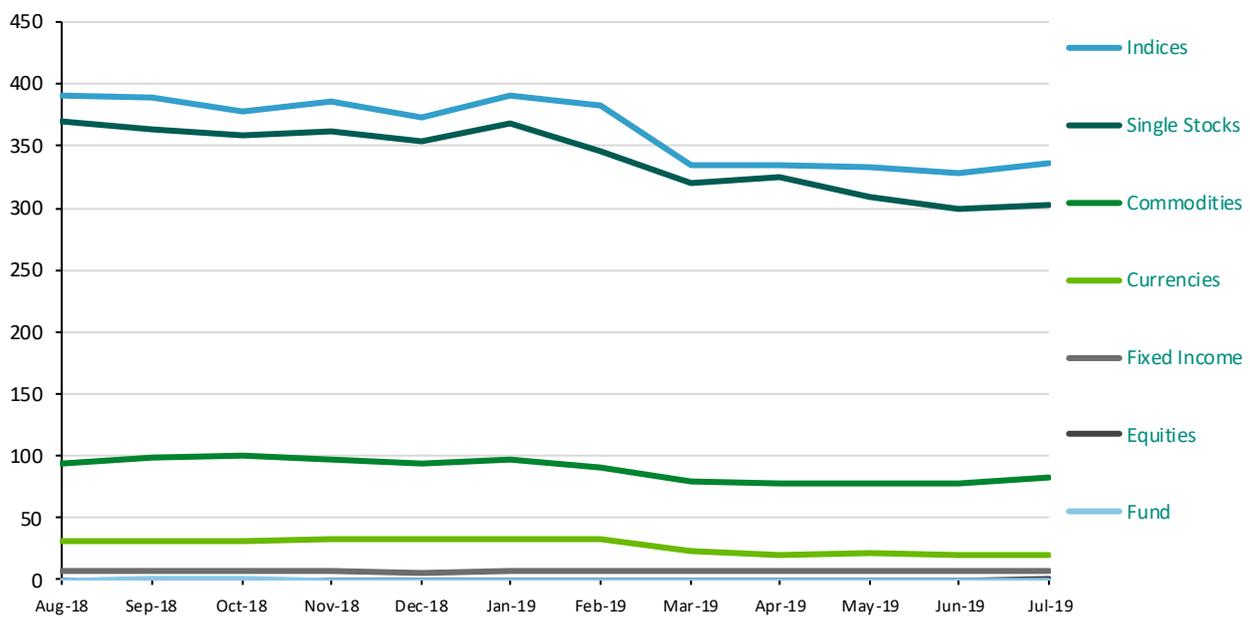
(Source Euronext)



UNDERLYING TYPES

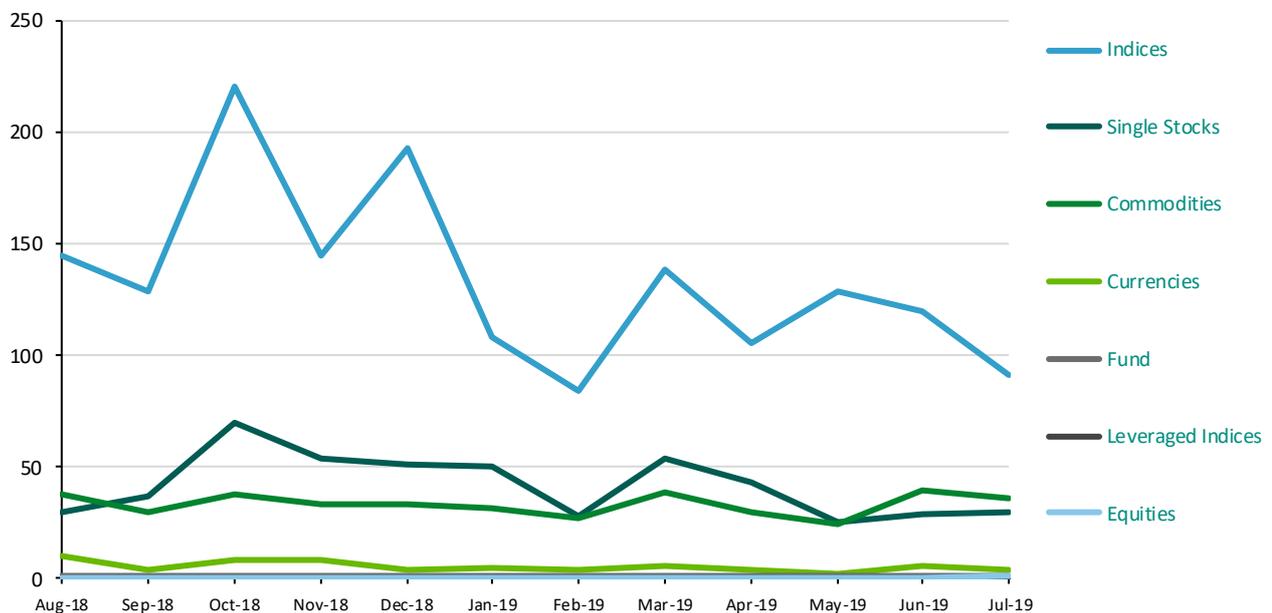
Product Trend: Number of Live Products

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

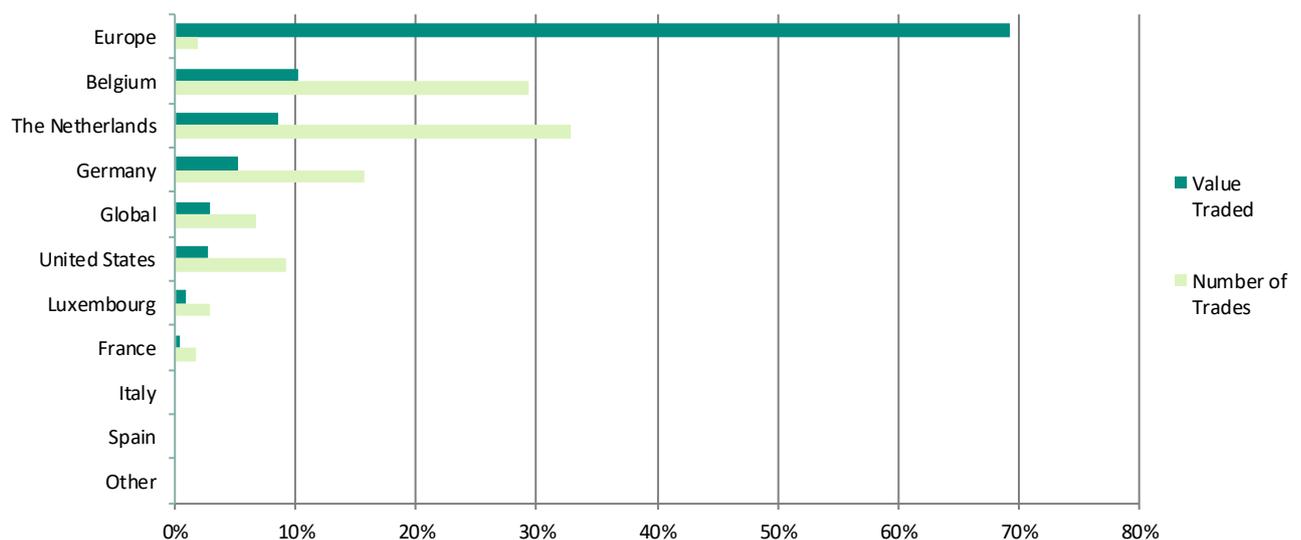
Market Overview

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
Europe	600	394%	323%	69.3%	3.2	-93.8%	-94.7%	1.8%
Belgium	89	13.9%	-28%	10.2%	51	-6.5%	-36%	29.3%
The Netherlands	74	53%	-24%	8.5%	57	199%	NA	32.8%
Germany	44	13.2%	-45%	5.1%	27	-33%	42%	15.8%
Global	25	43%	-68%	2.9%	12	-18.5%	-20%	6.7%
United States	23	442%	-62%	2.7%	16	519%	-65%	9.1%
Luxembourg	8	167%	-43%	0.9%	4.8	69%	-12.2%	2.8%
France	4		-7.7%	0.4%	3.0		-16.6%	1.7%
Italy	0		-100%	0.0%	0.0		-100%	0.0%
Spain	0			0.0%	0.0			0.0%
Other	0			0.0%	0.0			0.0%
Total	866	178.3%	44.2%	100%	173	-6.5%	-23.8%	100%

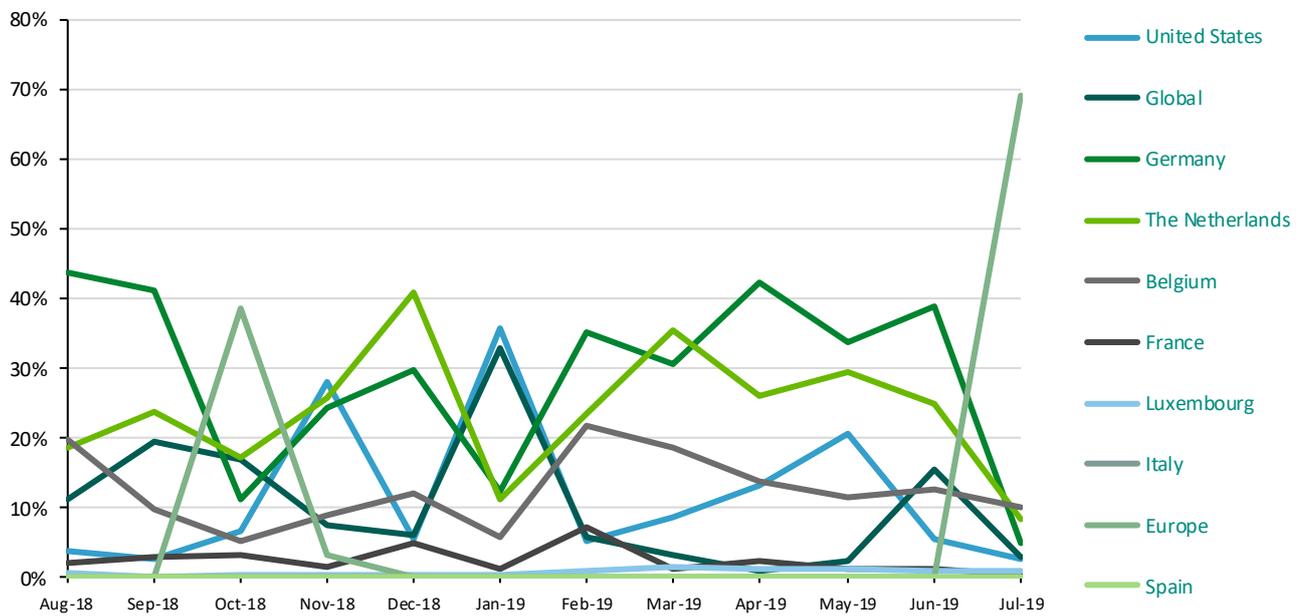
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

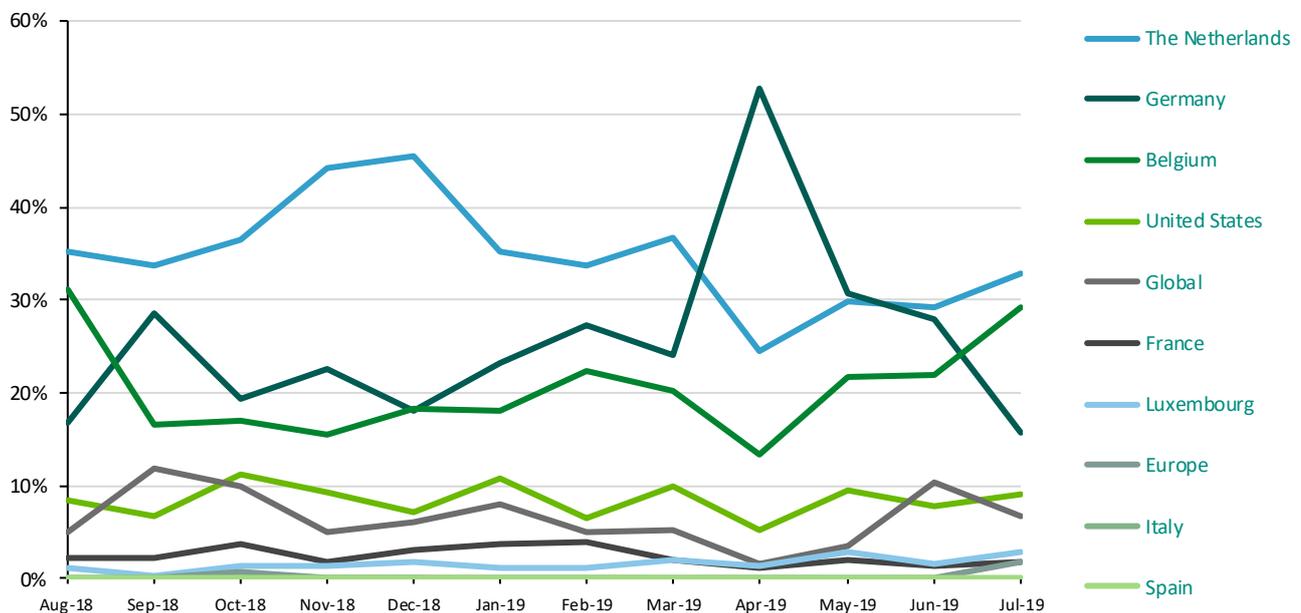
Market Trend: Value traded

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

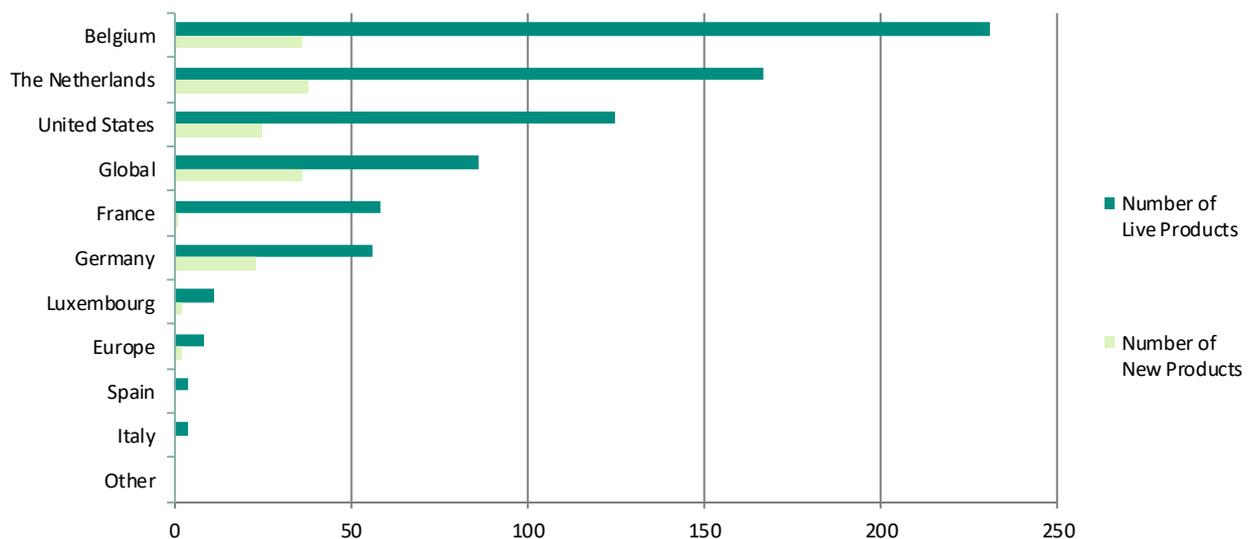
Product Overview

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	231	0.1%	-12.8%	30.8%	36	50%	-0.5%	22.1%
The Netherlands	167	1.5%	-3.8%	22.2%	38	-19.1%	-37%	23.3%
United States	125	4.1%	-3.6%	16.6%	25	-39%	-45%	15.3%
Global	86	5.9%	-6.1%	11.5%	36	-10.0%	7.2%	22.1%
France	58	0.4%	-20%	7.8%	1	-80%	-57%	0.6%
Germany	56	5.7%	-14.2%	7.4%	23	-14.8%	-31%	14.1%
Luxembourg	11	11.2%	-17.3%	1.5%	2	-67%	-38%	1.2%
Europe	9	16.3%	6.6%	1.1%	2	-33%	14.3%	1.2%
Spain	4	-4.8%	-0.4%	0.5%	0	-100%	-100%	0.0%
Italy	4	-4.8%	0.8%	0.5%	0	-100%	-100%	0.0%
Other	0		-100%	0.0%	0			0.0%
Total	750	2.4%	-9.3%	100%	163	-18.9%	-24.6%	100%

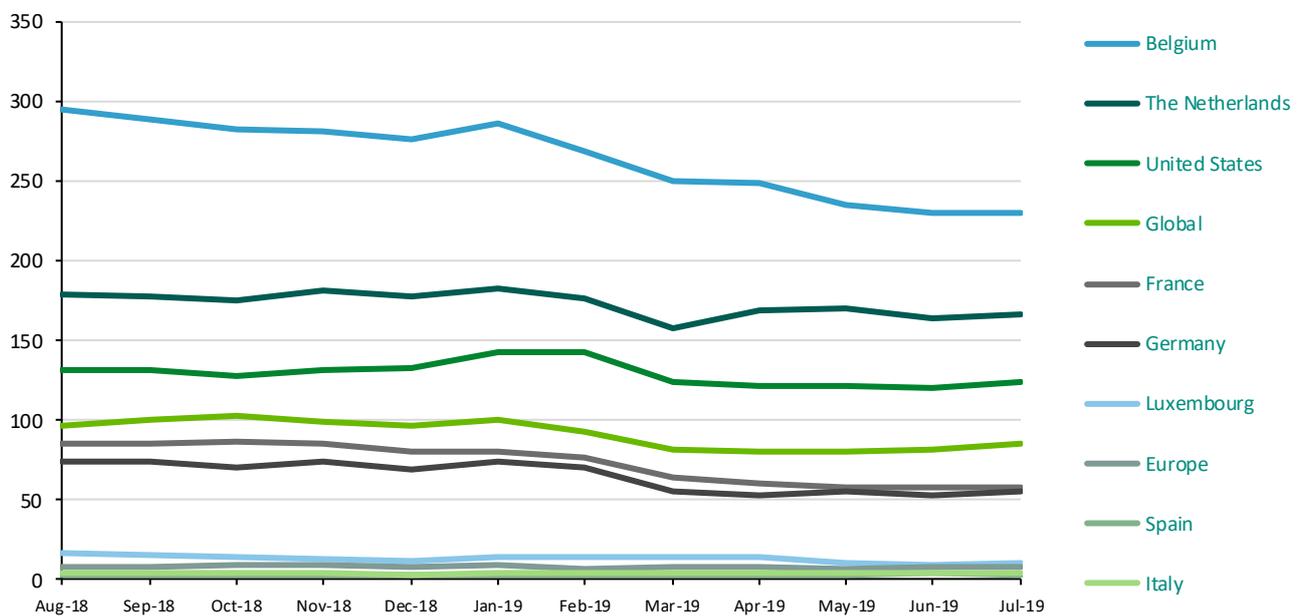
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

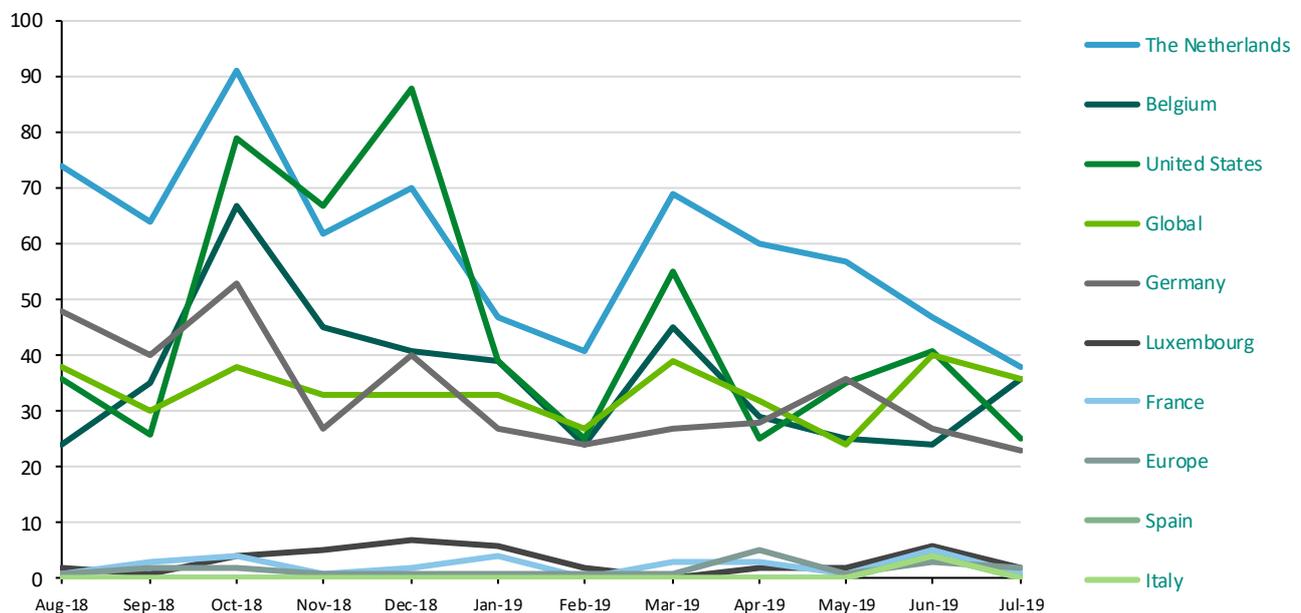
Product Trend: Number of Live Products

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

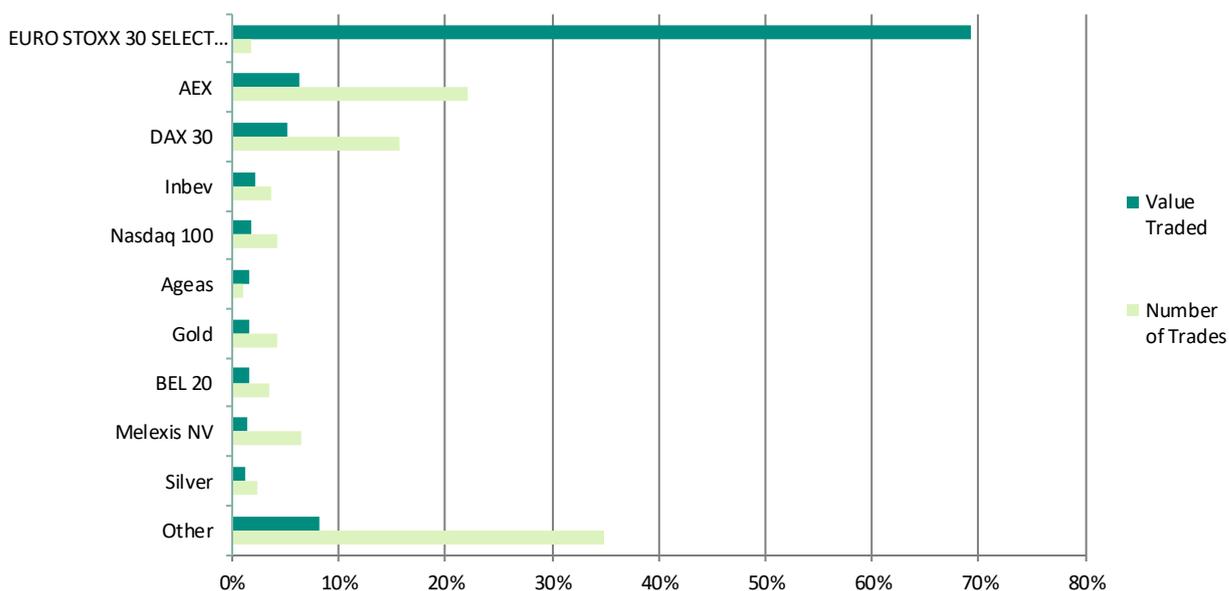
Market Overview

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
EURO STOXX 30 SELECT DIVIDEND	600	394%	323%	69.3%	3.2	-93.8%	-94.7%	1.8%
AEX	55	-22%	-46%	6.3%	38	-6.8%	-32%	22.2%
DAX 30	44	97%	-26%	5.1%	27	117%	282%	15.8%
Inbev	19	-17.0%	-66%	2.1%	6.4	15.2%	NA	3.7%
Nasdaq 100	15	24%	-66%	1.7%	7.3	10.5%	NA	4.3%
Ageas	14	24%	-60%	1.7%	1.6	-74%	-83%	0.9%
Gold	14	85%	-43%	1.6%	7.3	20%	NA	4.2%
BEL 20	13	207%	7.7%	1.5%	6.0	-11.1%	-15.2%	3.5%
Melexis NV	12	232%	4.1%	1.4%	11	119%	10.0%	6.5%
Silver	10	193%	-10.6%	1.2%	3.9	-28%	38%	2.3%
Other	71	114%	-33%	8.2%	60	60%		34.9%
Total	866	178.3%	44.2%	100%	173	-6.5%	-23.8%	100%

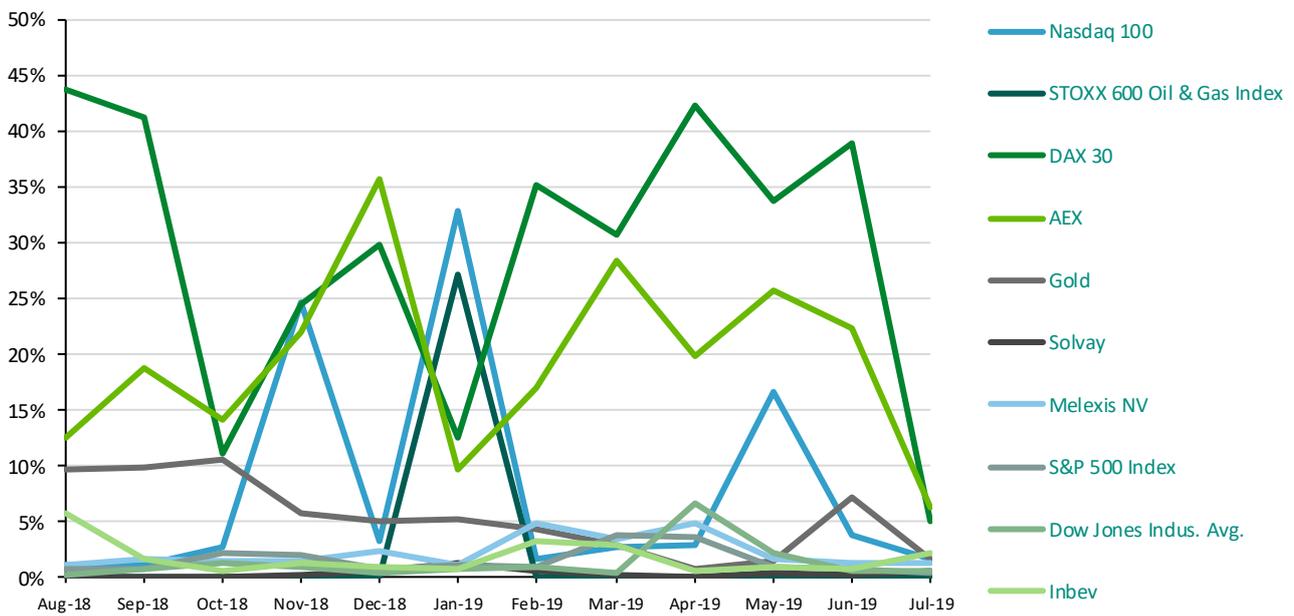
(Source Euronext)



TOP 10 UNDERLYINGS

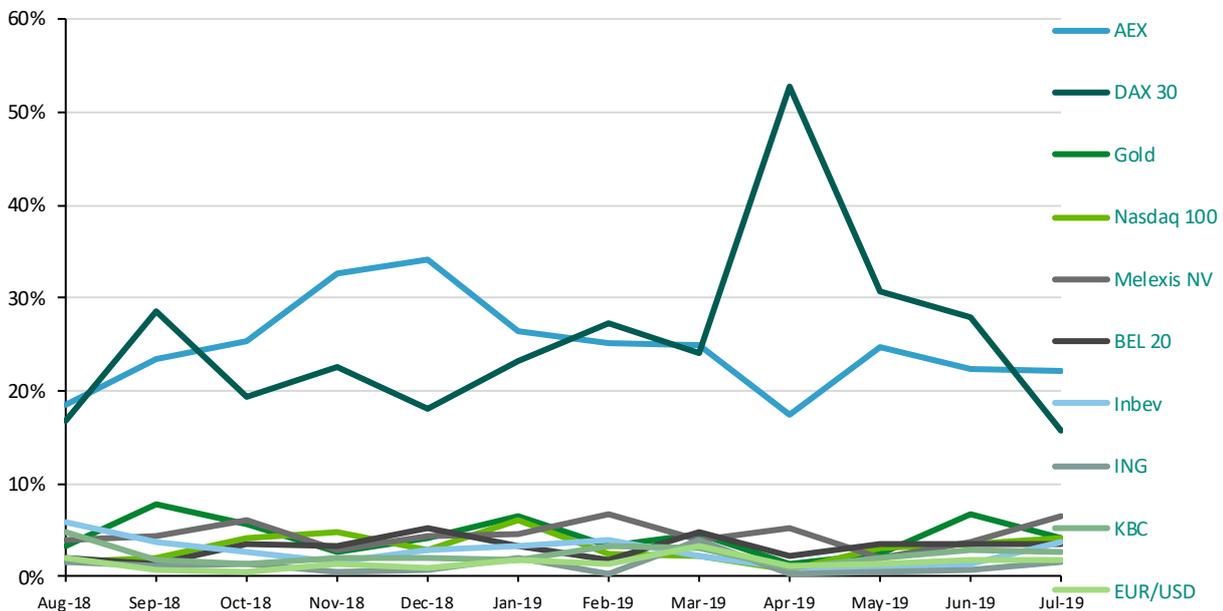
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

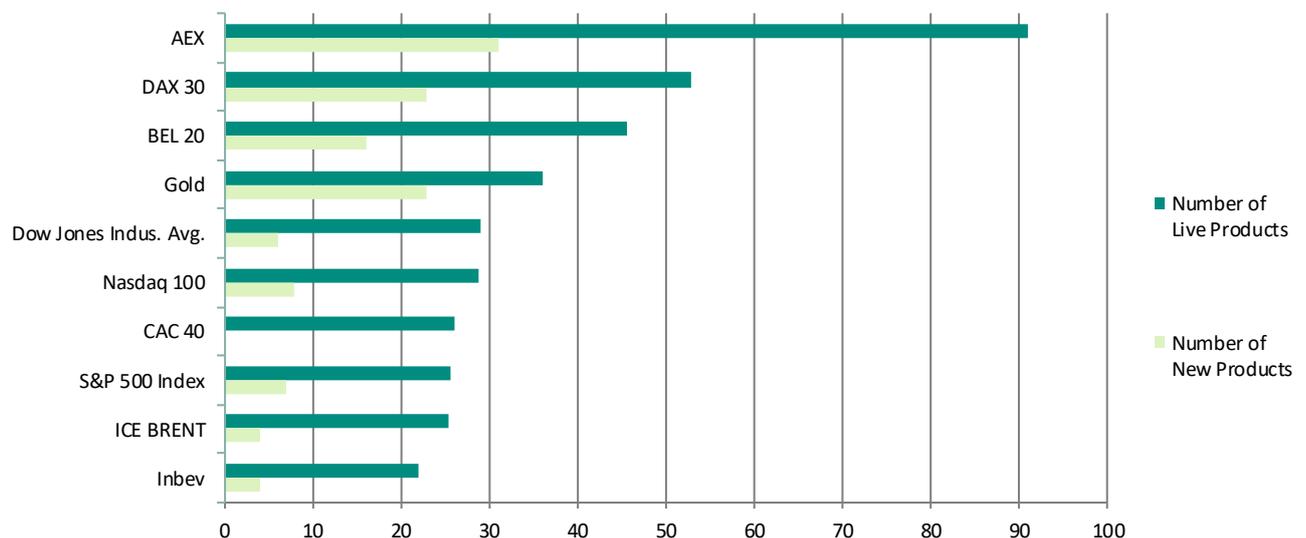
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
AEX	91	1.0%	-5.2%	12.1%	31	-13.9%	-32%	19.0%
DAX 30	53	6.3%	-14.9%	7.0%	23	-8.0%	-31%	14.1%
BEL 20	46	1.6%	-14.2%	6.1%	16	23%	22%	9.8%
Gold	36	14.2%	4.8%	4.8%	23	9.5%	51%	14.1%
Dow Jones Indus. Avg.	29	7.8%	8.3%	3.9%	6	-40%	-54%	3.7%
Nasdaq 100	29	5.4%	2.7%	3.8%	8	-33%	-48%	4.9%
CAC 40	26	-6.0%	-24%	3.5%	0	-100%	-100%	0.0%
S&P 500 Index	26	5.8%	-0.6%	3.4%	7	-12.5%	-31%	4.3%
ICE BRENT	25	-1.7%	2.4%	3.4%	4	-50%	-29%	2.5%
Inbev	22	8.2%	6.7%	2.9%	4	100%	37%	2.5%
Other	368	1.0%	-12.6%	49.0%	41			25.2%
Total	750	2.4%	-9.3%	100%	163	-18.9%	-24.6%	100%

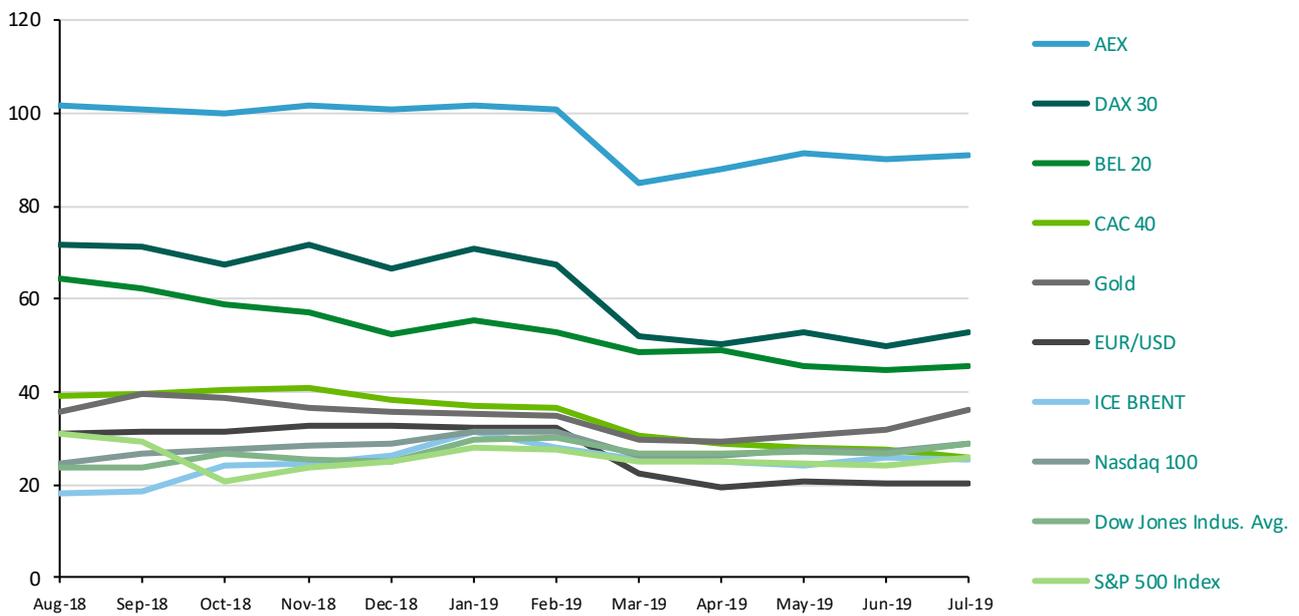
(Source Euronext)



TOP 10 UNDERLYINGS

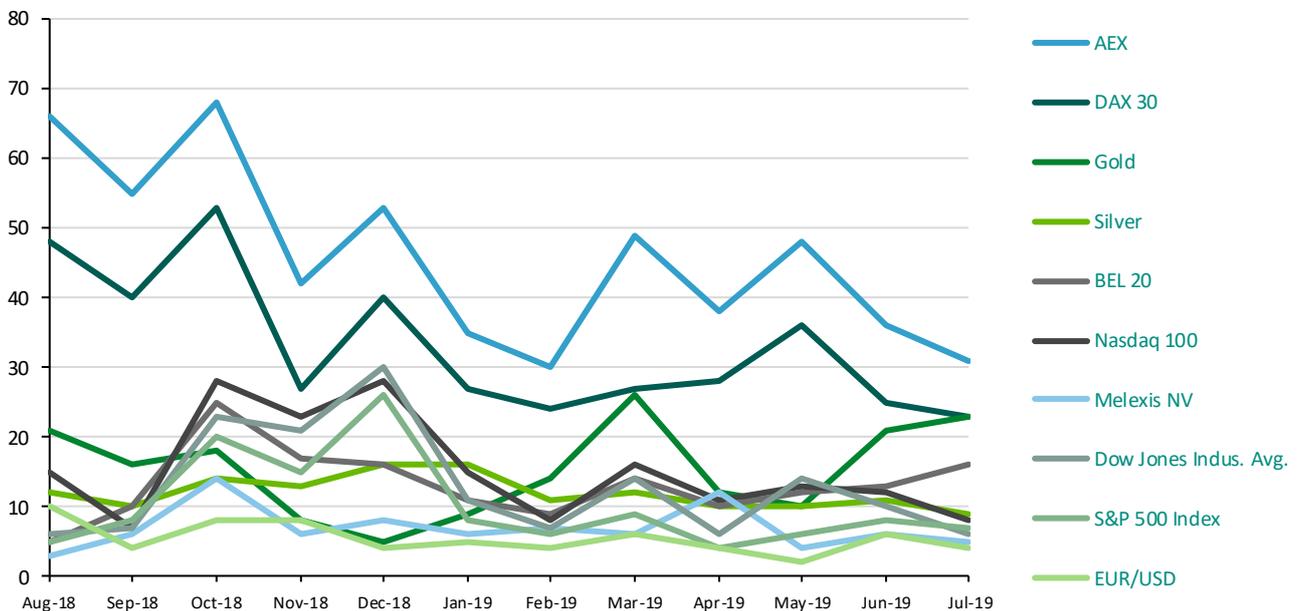
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

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

(Source Euronext)



Euronext Lisbon

ISSUERS

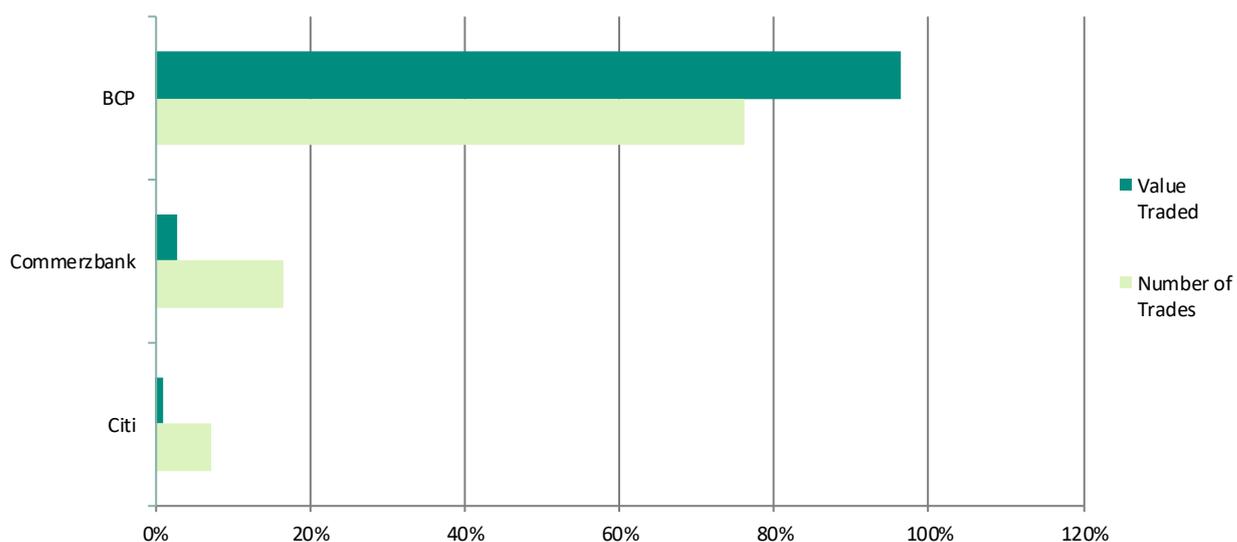
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	6,545	51%	78%	96.3%	369	45.4%	39.2%	76.3%
Commerzbank	188	59%	-12.1%	2.8%	80	26.0%	5.4%	16.5%
Citi	64	-32%	-56%	0.9%	35	-12.4%	-14.8%	7.2%
Total	6,797	49.8%	68.6%	100%	484	35.5%	26.7%	100%

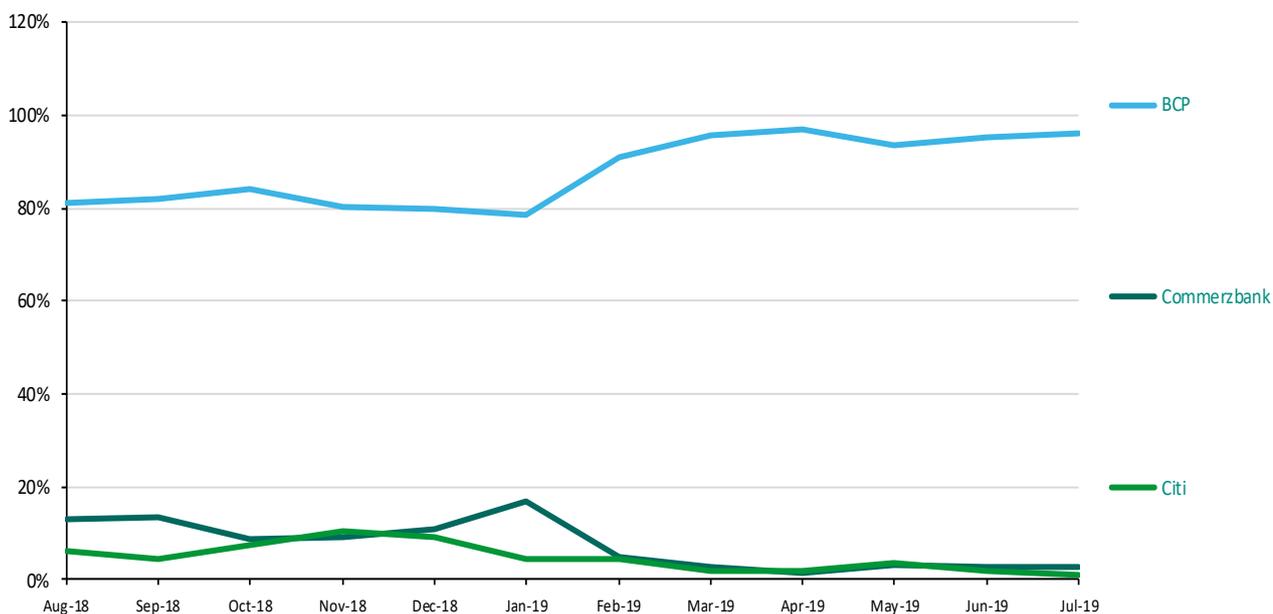
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ISSUERS

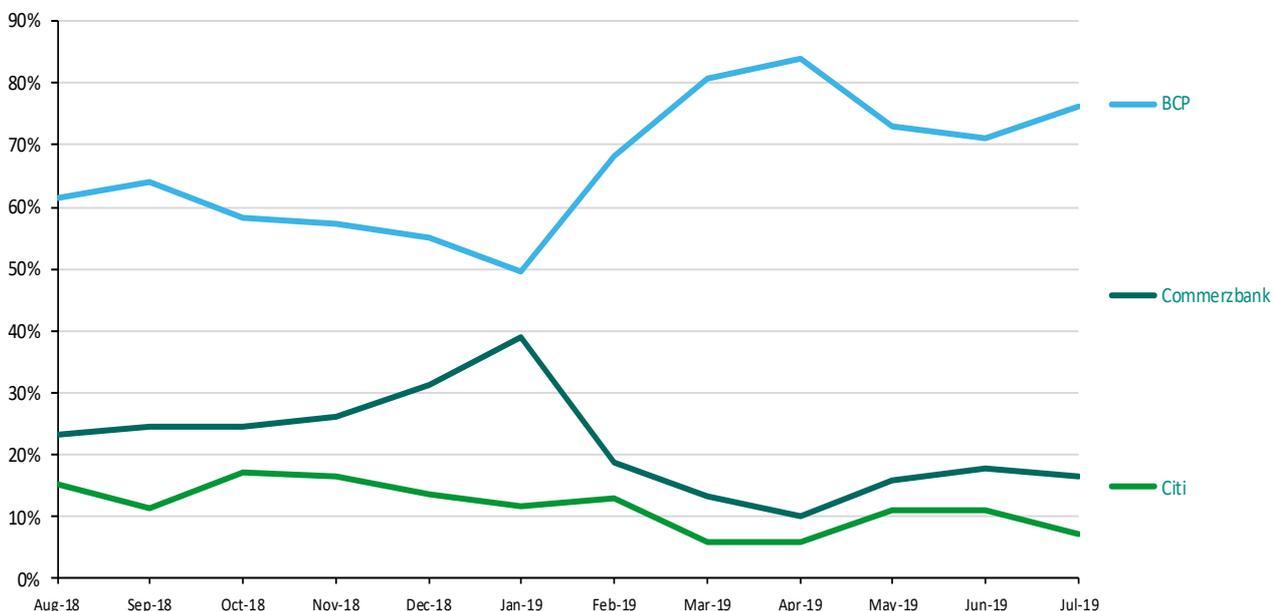
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

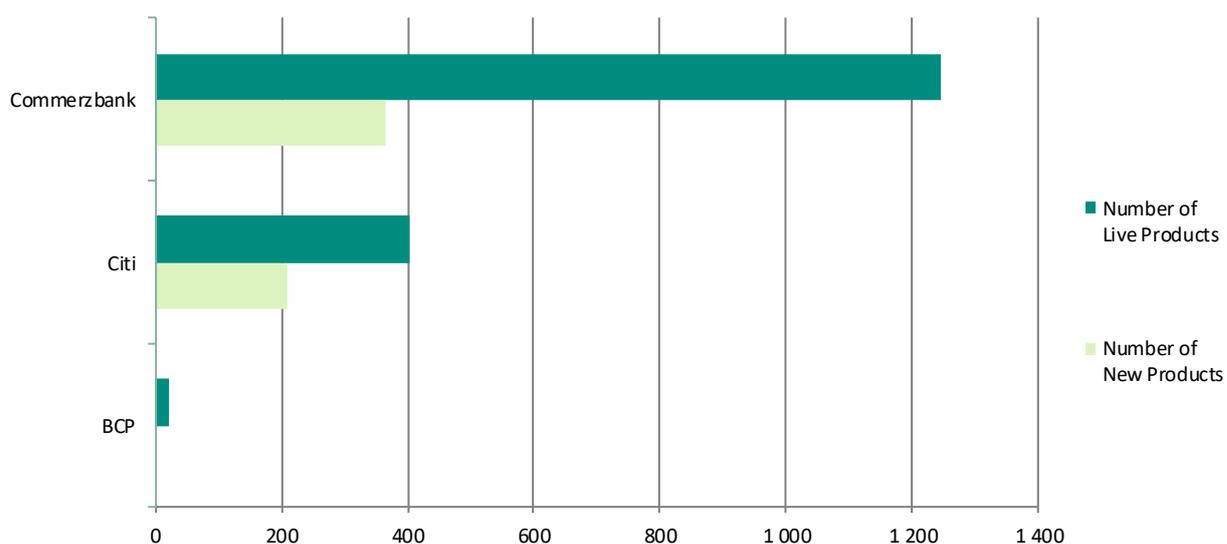
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	1,245	-0.7%	11.8%	74.5%	366	-34%	31%	63.8%
Citi	404	-5.2%	4.6%	24.2%	208	25%	61%	36.2%
BCP	22	0.2%	0.3%	1.3%	0			0.0%
Total	1,671	-1.8%	9.8%	100%	574	-20.3%	40.8%	100%

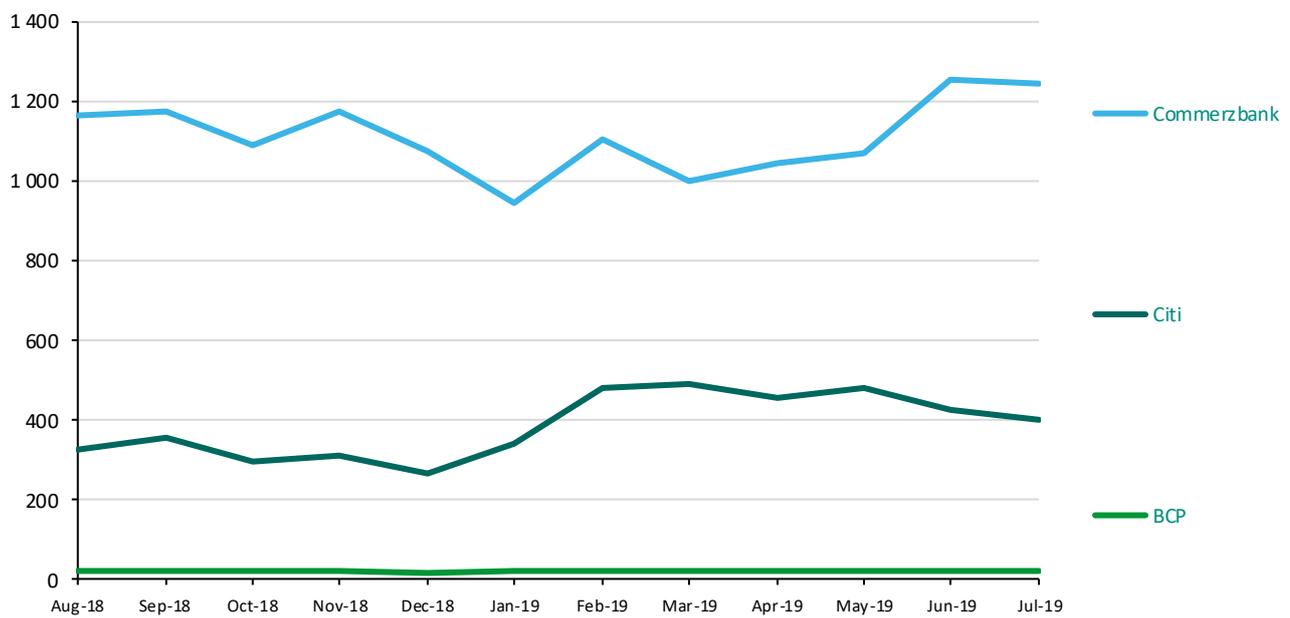
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ISSUERS

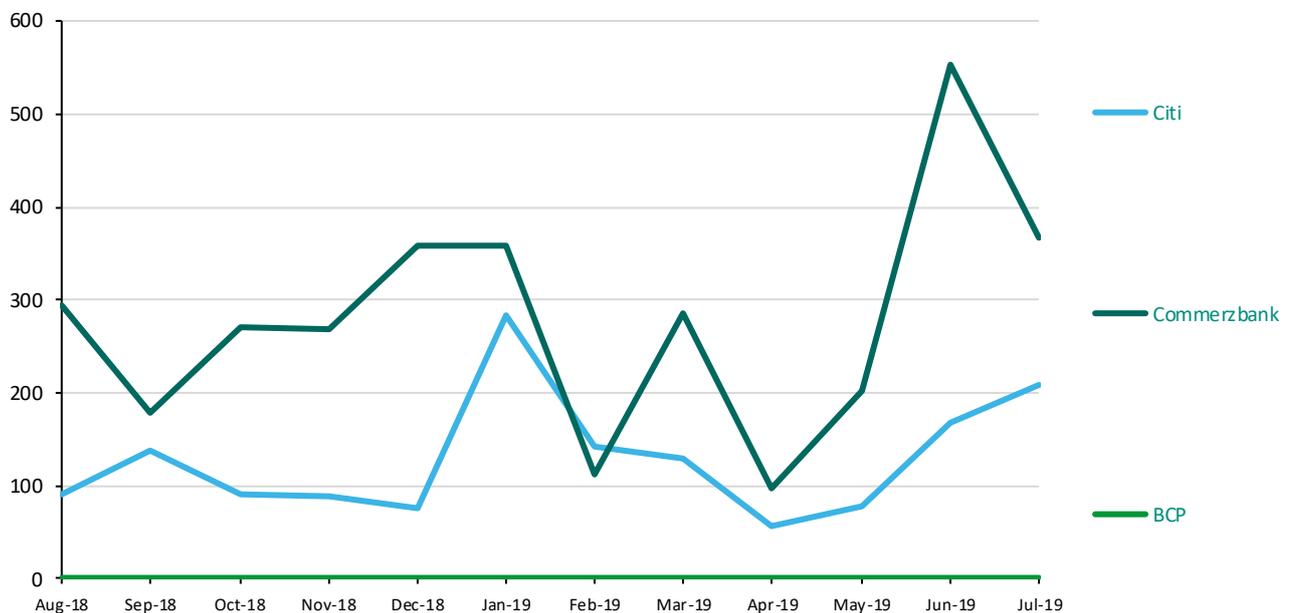
Product Trend: Number of Live Products

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)

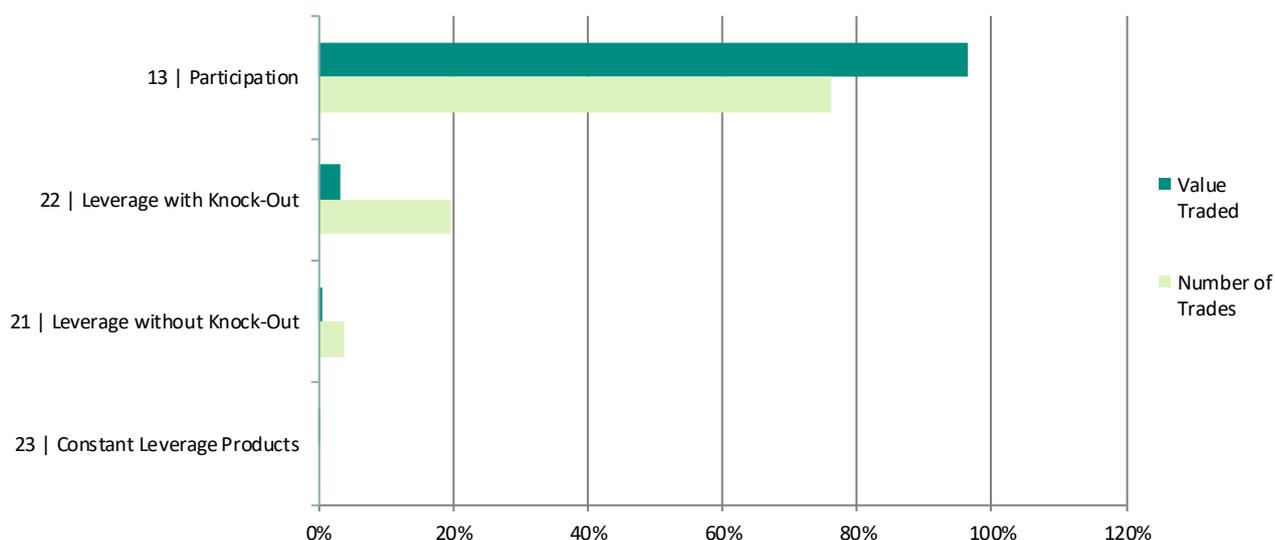
Market Overview

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	6,545	51%	78%	96.3%	369	45.4%	39.2%	76.3%
22 Leverage with Knock-Out	219	22%	-19.9%	3.2%	95	19.6%	14.7%	19.7%
21 Leverage without Knock-Out	28	-7.6%	-64%	0.4%	18	-20.1%	-44.6%	3.7%
23 Constant Leverage Products	4	201%	-21%	0.1%	1.7	27.1%	3.8%	0.3%
Total	6,797	49.8%	68.6%	100%	484	35.5%	26.7%	100%

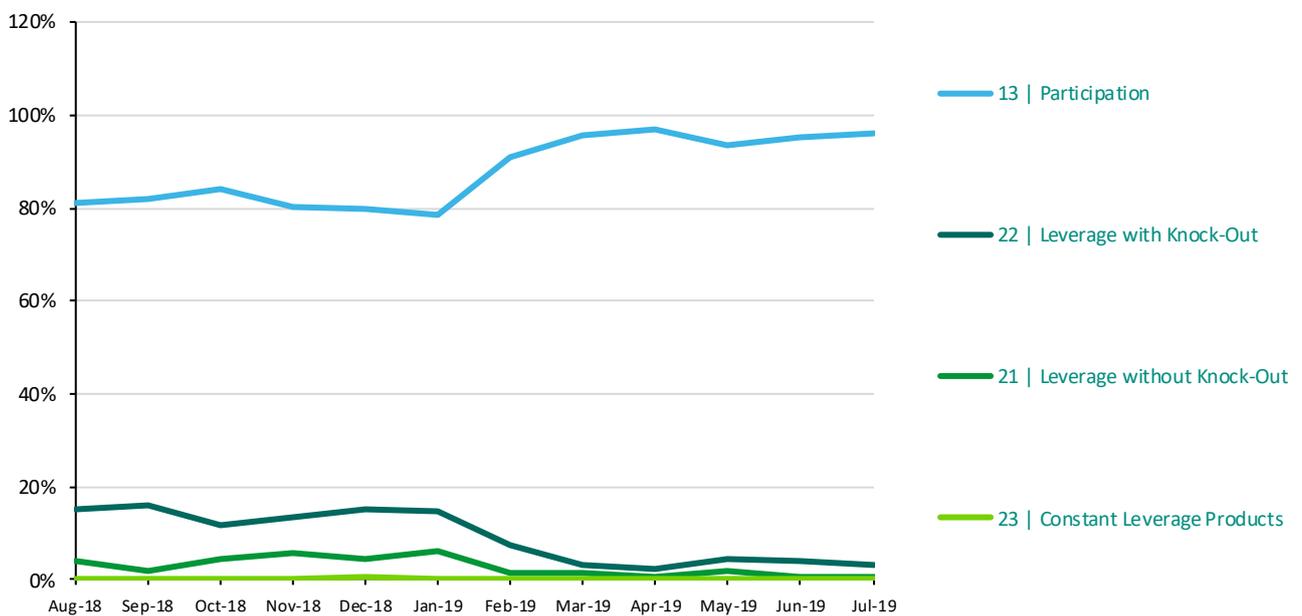
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

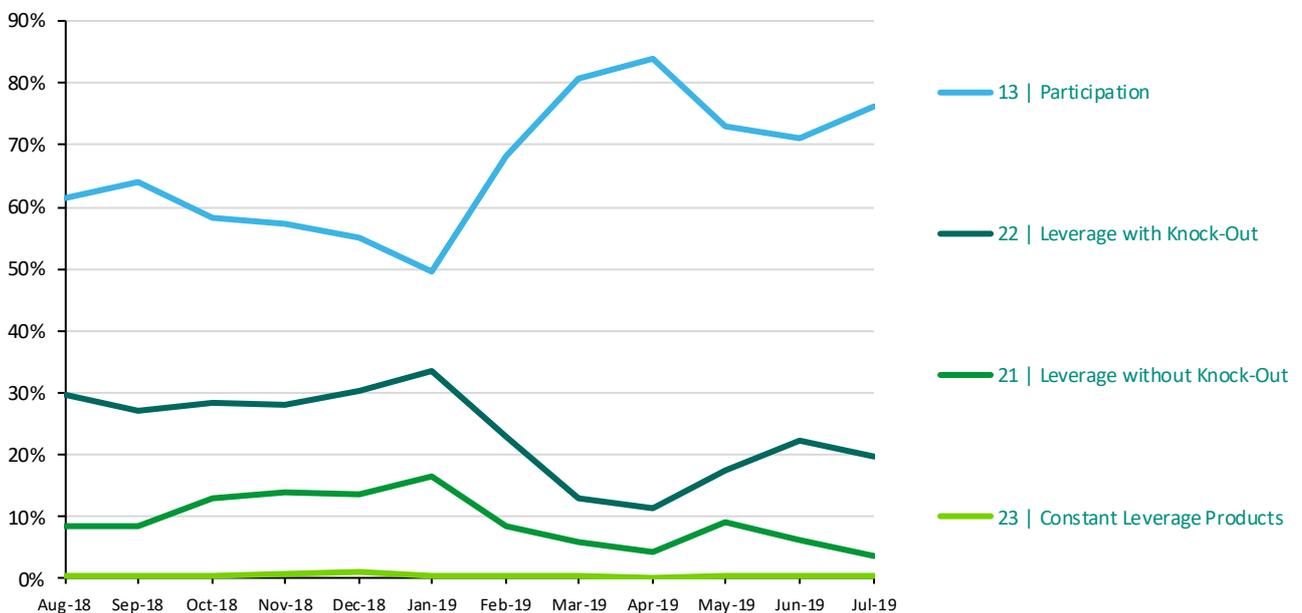
Market Trend: Value traded

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)

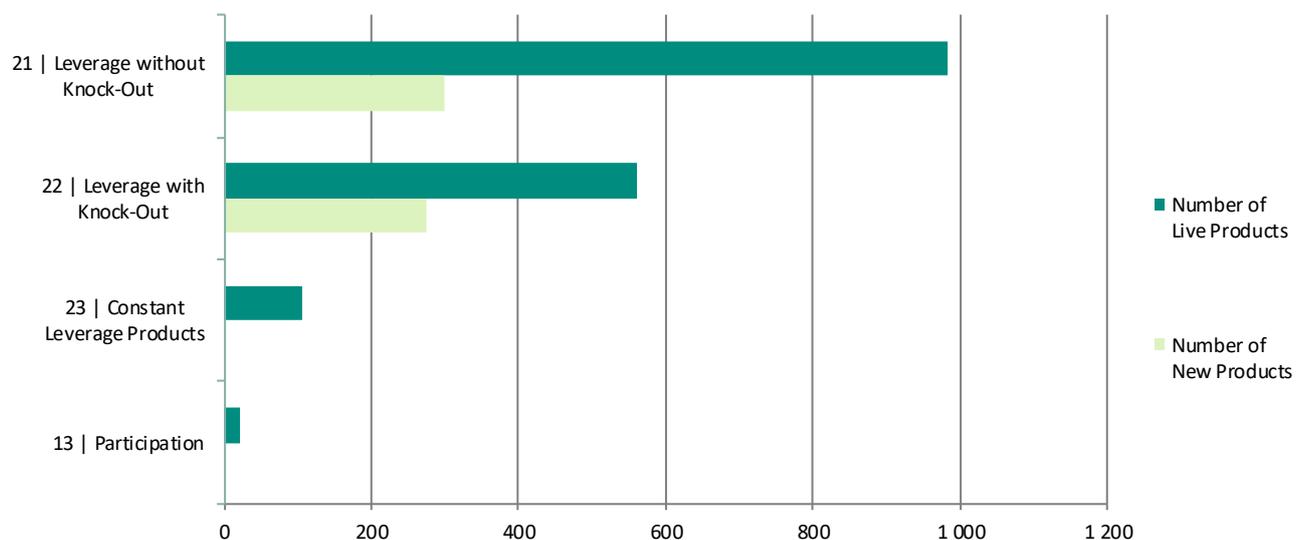
Product Overview

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	983	1.7%	10.5%	58.8%	299	5.3%	139%	52.1%
22 Leverage with Knock-Out	560	-7.4%	17.0%	33.5%	275	-37%	-0.4%	47.9%
23 Constant Leverage Products	106	-2.7%	-19.3%	6.4%	0		-100%	0.0%
13 Participation	22	0.2%	0.3%	1.3%	0			0.0%
Total	1,671	-1.8%	9.8%	100%	574	-20.3%	40.8%	100%

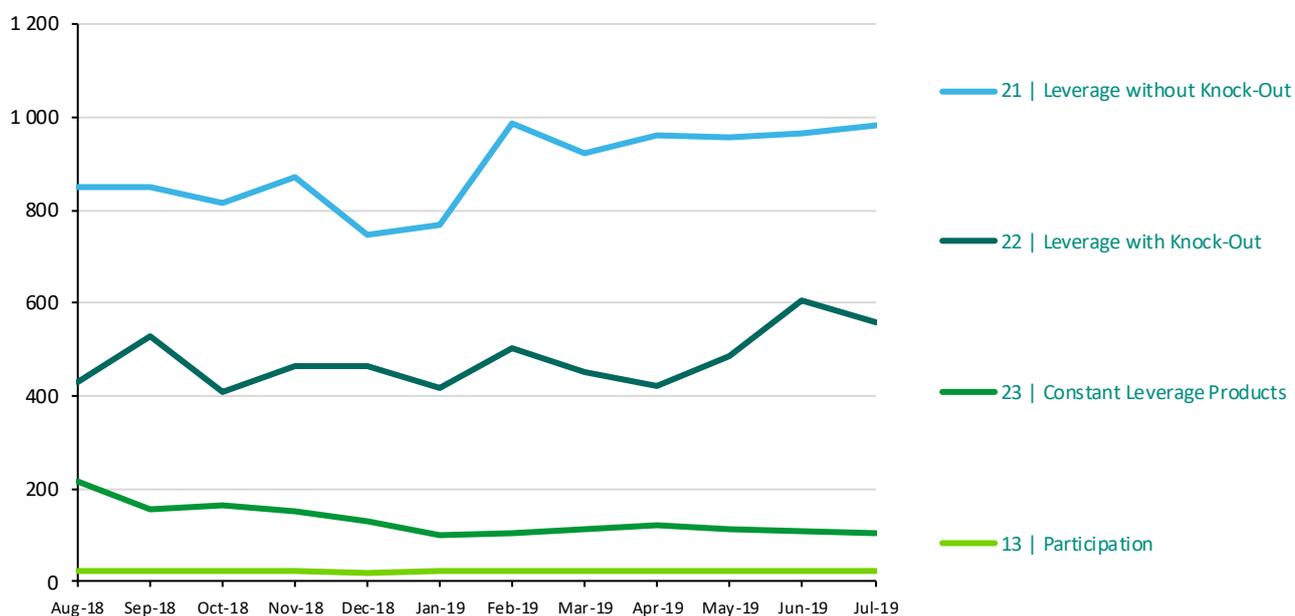
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

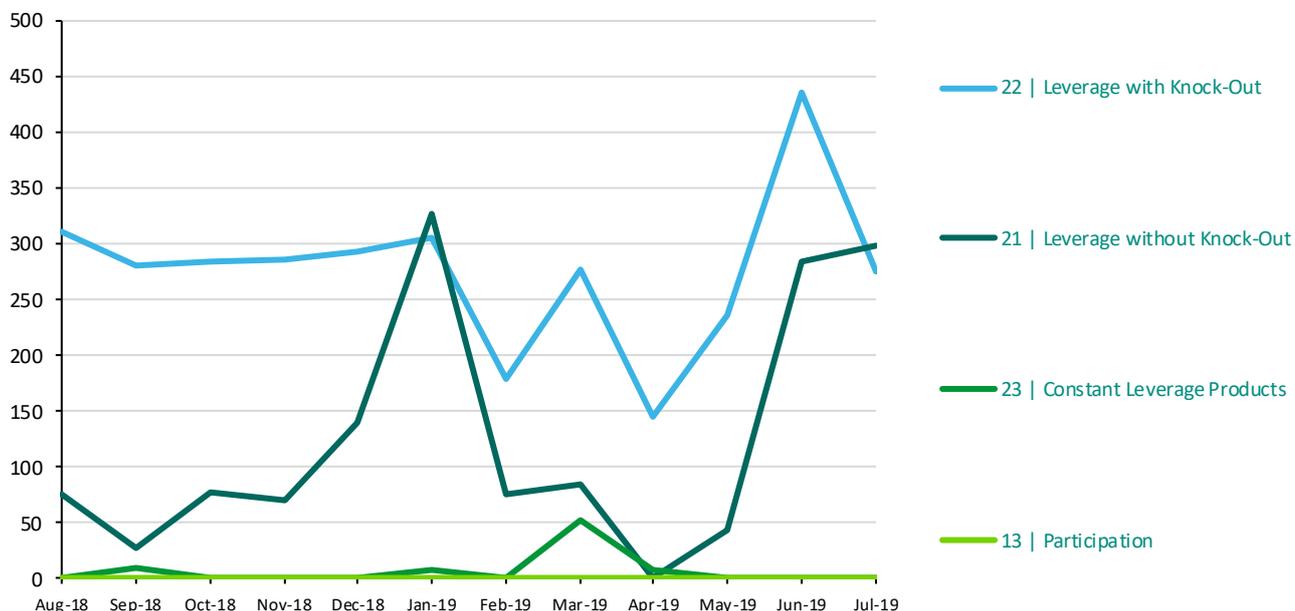
Product Trend: Number of Live Products

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)

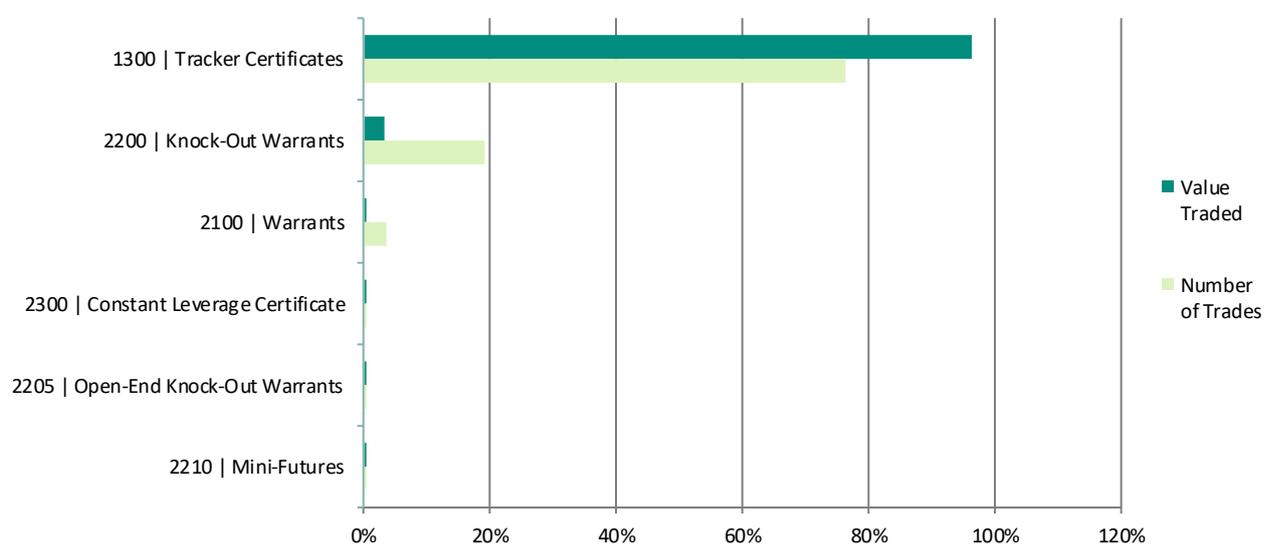
Market Overview

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	6,545	51%	78%	96.3%	369	45.4%	39.2%	76.3%
2200 Knock-Out Warrants	215	21%	-20%	3.2%	92	17.8%	12.8%	19.1%
2100 Warrants	28	-7.6%	-64%	0.4%	18	-20%	-45%	3.7%
2300 Constant Leverage Certificate	4	125%	-21%	0.1%	1.7	27%	3.8%	0.3%
2205 Open-End Knock-Out Warrants	2	58%	-40%	0.0%	2.8	114%	141%	0.6%
2210 Mini-Futures	2	232%	95%	0.0%	0.3	422%	108%	0.1%
Total	6,797	49.8%	68.6%	100%	484	35.5%	26.7%	100%

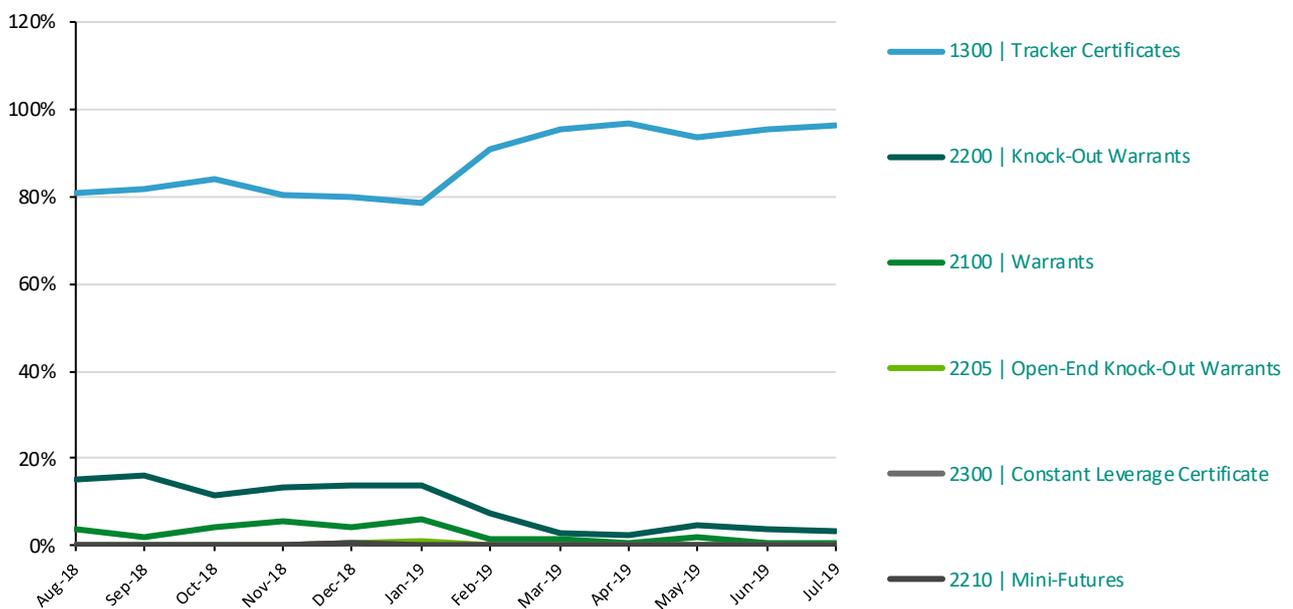
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

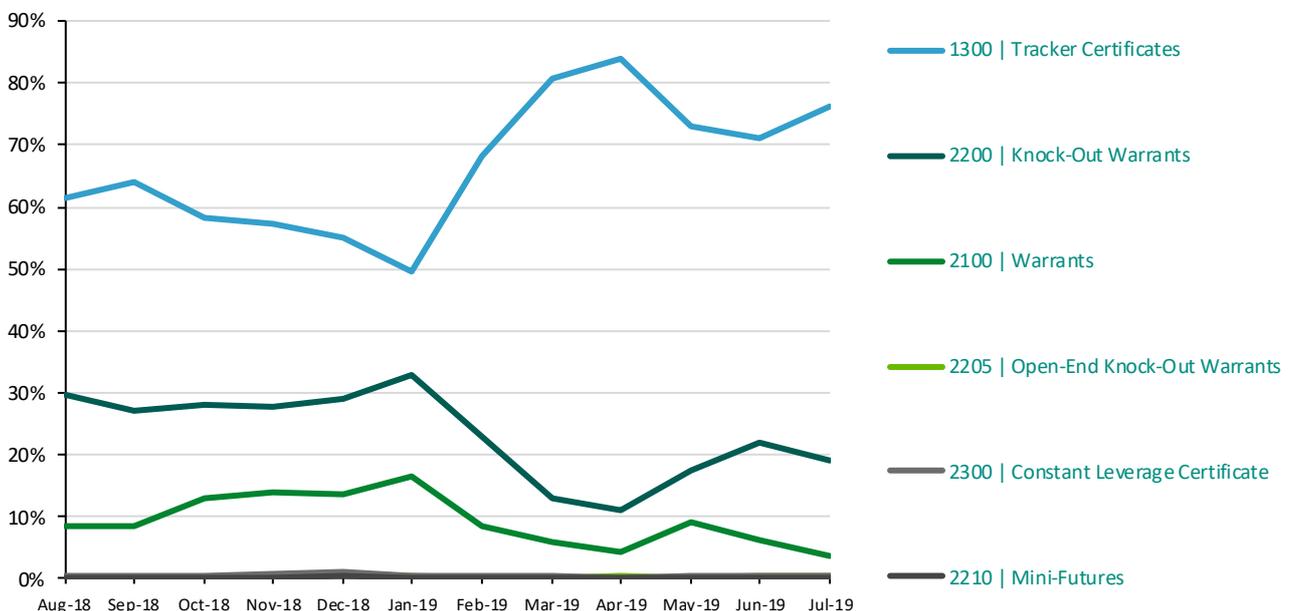
Market Trend: Value traded

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)

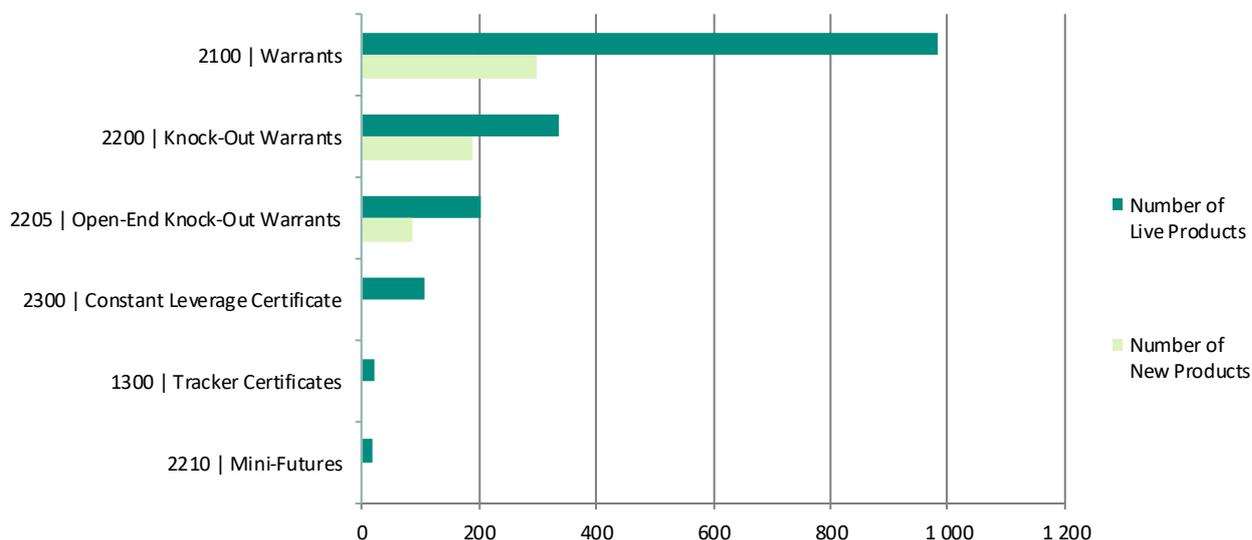
Product Overview

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	983	1.7%	10.5%	58.8%	299	5.3%	139%	52.1%
2200 Knock-Out Warrants	336	-15.4%	3.6%	20.1%	189	-50%	-18.8%	32.9%
2205 Open-End Knock-Out Warrants	204	8.9%	51%	12.2%	86	48%	110%	15.0%
2300 Constant Leverage Certificate	106	-2.7%	-19.3%	6.4%	0		-100%	0.0%
1300 Tracker Certificates	22	0.2%	0.3%	1.3%	0			0.0%
2210 Mini-Futures	19	-2.8%	3.8%	1.1%	0		-100%	0.0%
Total	1,671	-1.8%	9.8%	100%	574	-20.3%	40.8%	100%

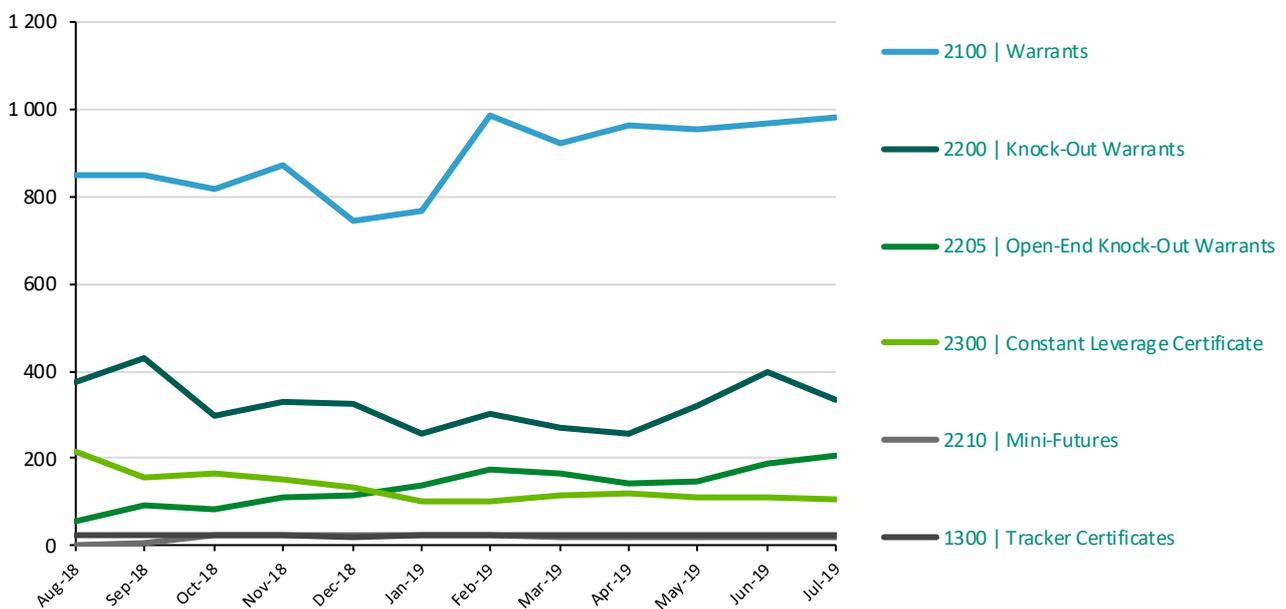
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

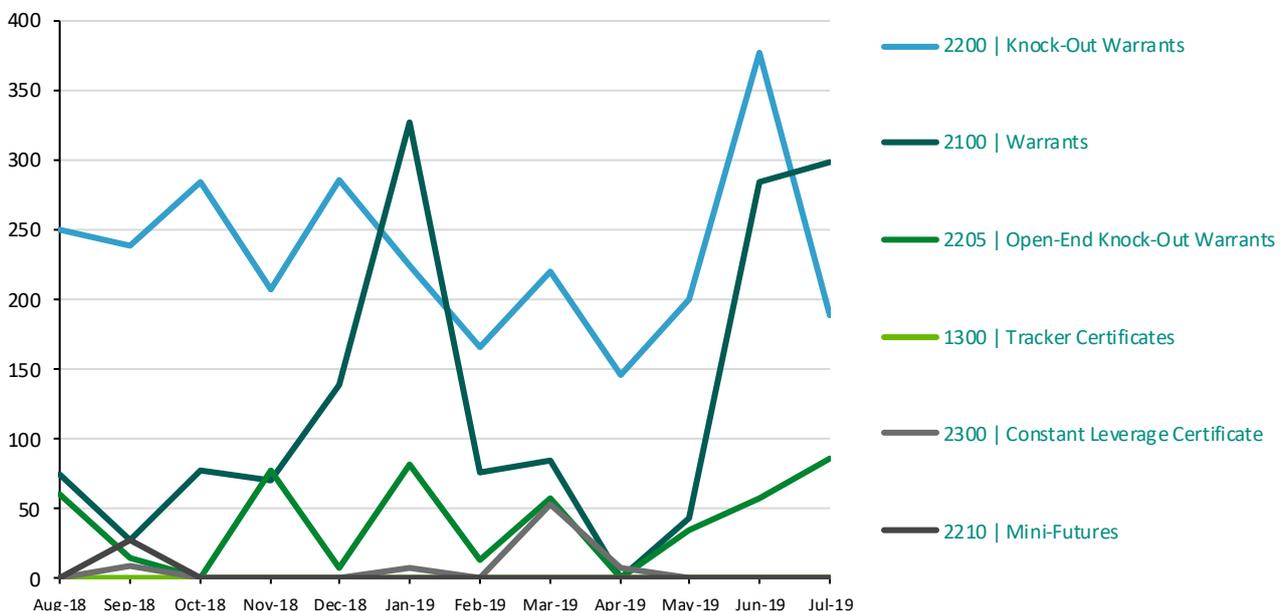
Product Trend: Number of Live Products

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

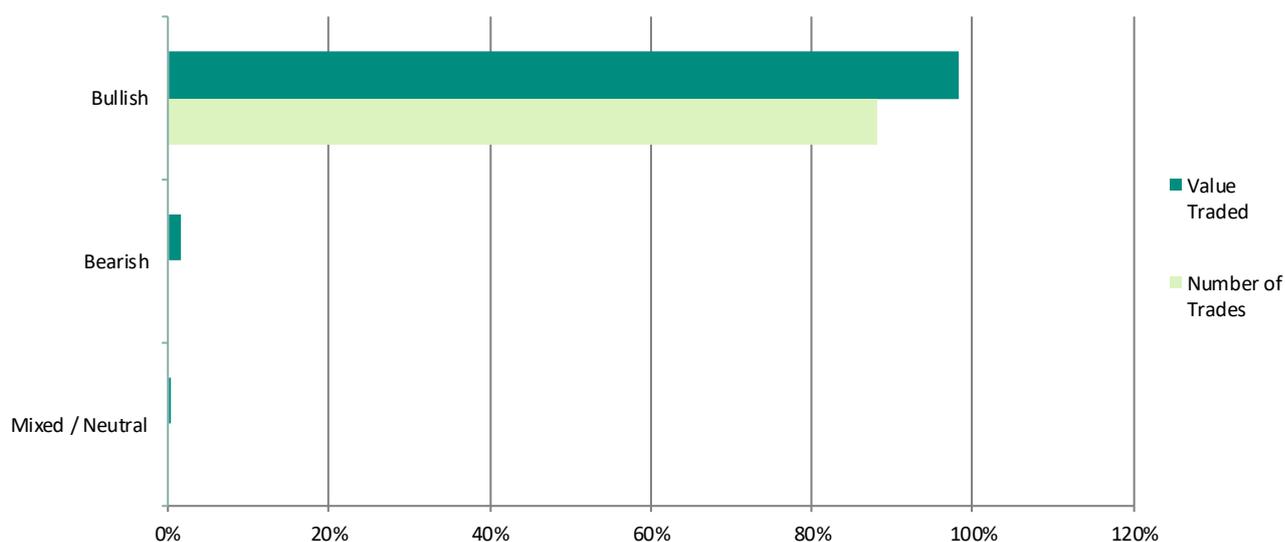
Market Overview

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	6,682	51%	73%	98.3%	425	39.9%	30.3%	88.0%
Bearish	111	10.1%	-33%	1.6%	0.0	-100%	-100%	0.0%
Mixed / Neutral	4	201%	3.5%	0.1%	0.0	-100%	-100%	0.0%
Total	6,797	49.8%	68.6%	100%	484	35.5%	26.7%	100%

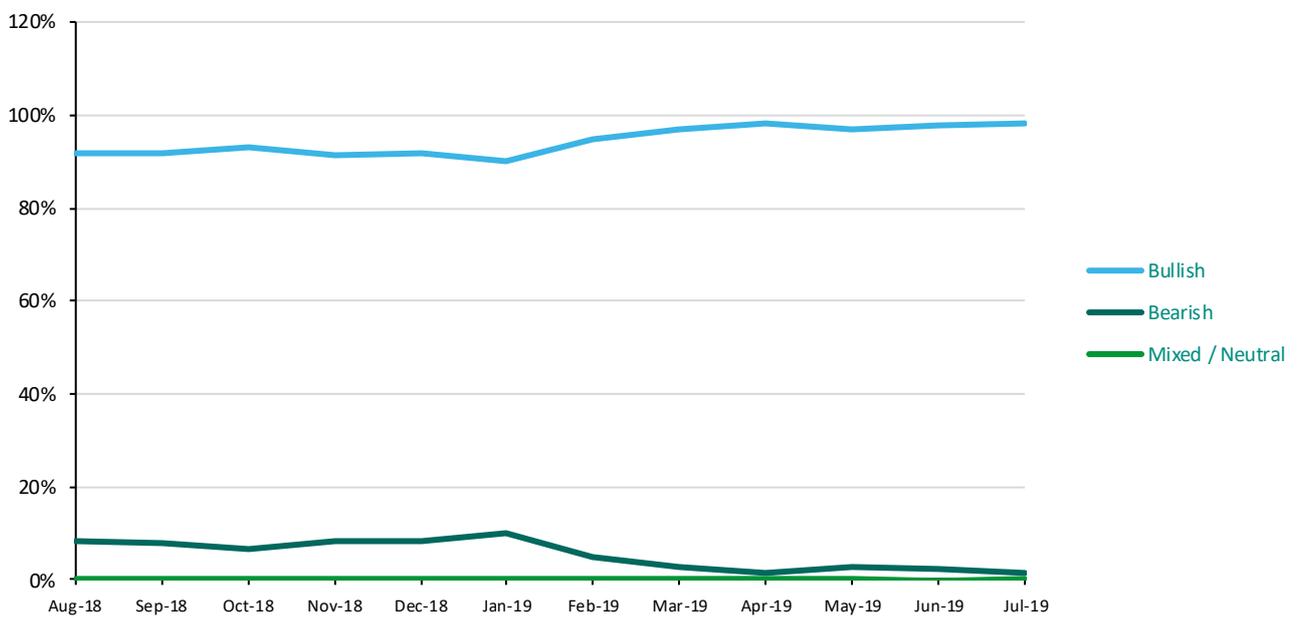
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PRODUCT STRATEGIES

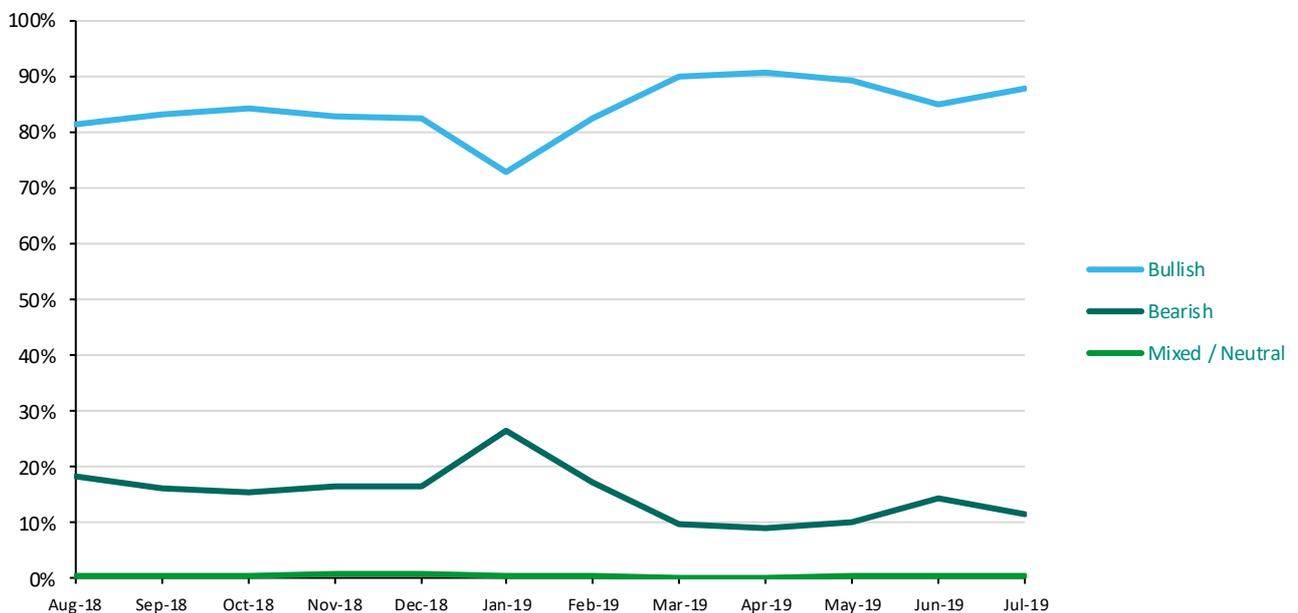
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

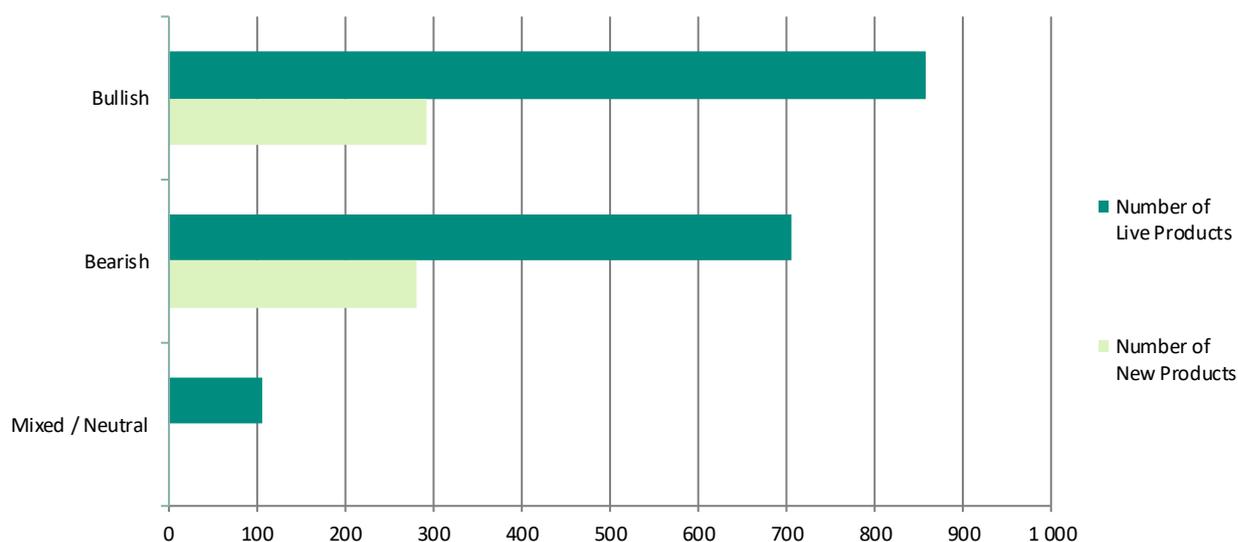
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	858	3.2%	21%	51.3%	292	-20%	41%	50.9%
Bearish	707	-7.2%	0.8%	42.3%	282	-20%	45%	49.1%
Mixed / Neutral	106	-2.7%	-3.3%	6.4%	0		-100%	0.0%
Total	1,671	-1.8%	9.8%	100%	574	-20.3%	40.8%	100%

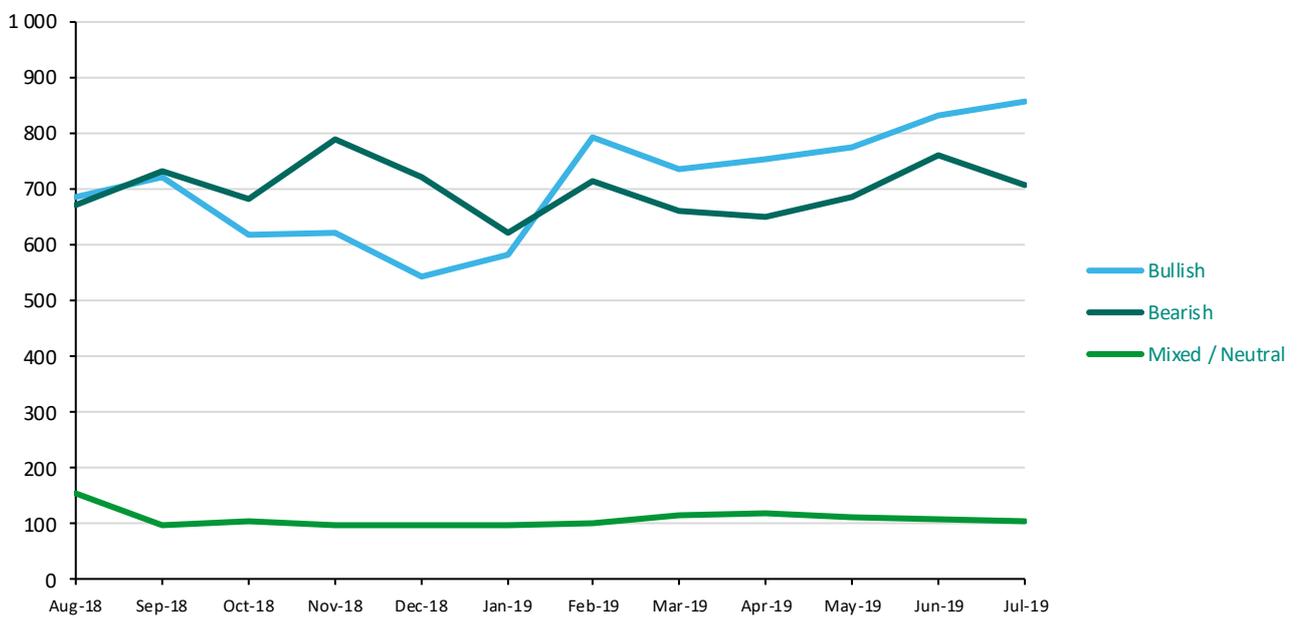
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PRODUCT STRATEGIES

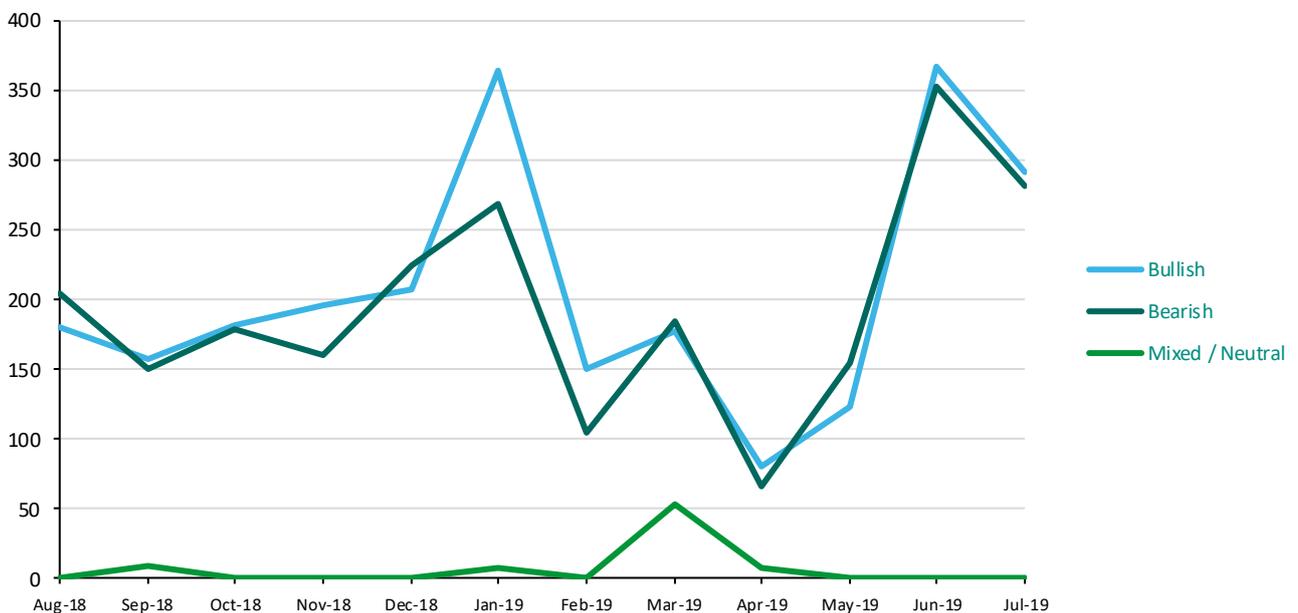
Product Trend: Number of Live Products

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

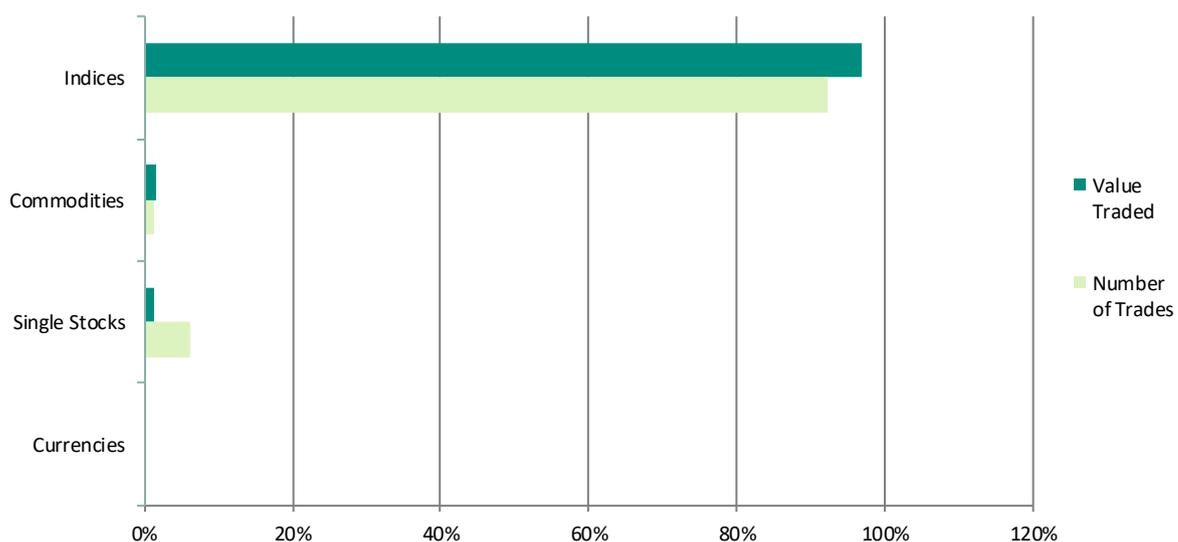
Market Overview

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	6,593	51%	70%	97.0%	446	36.5%	28.2%	92.3%
Commodities	106	9.0%	-3.0%	1.6%	6.1	2.2%	-78.3%	1.3%
Single Stocks	97	58%	123%	1.4%	30	30.5%	568.3%	6.1%
Currencies	1	-76%	-35%	0.0%	1.3	20.1%	86.9%	0.3%
Total	6,797	49.8%	68.6%	100%	484	35.5%	26.7%	100%

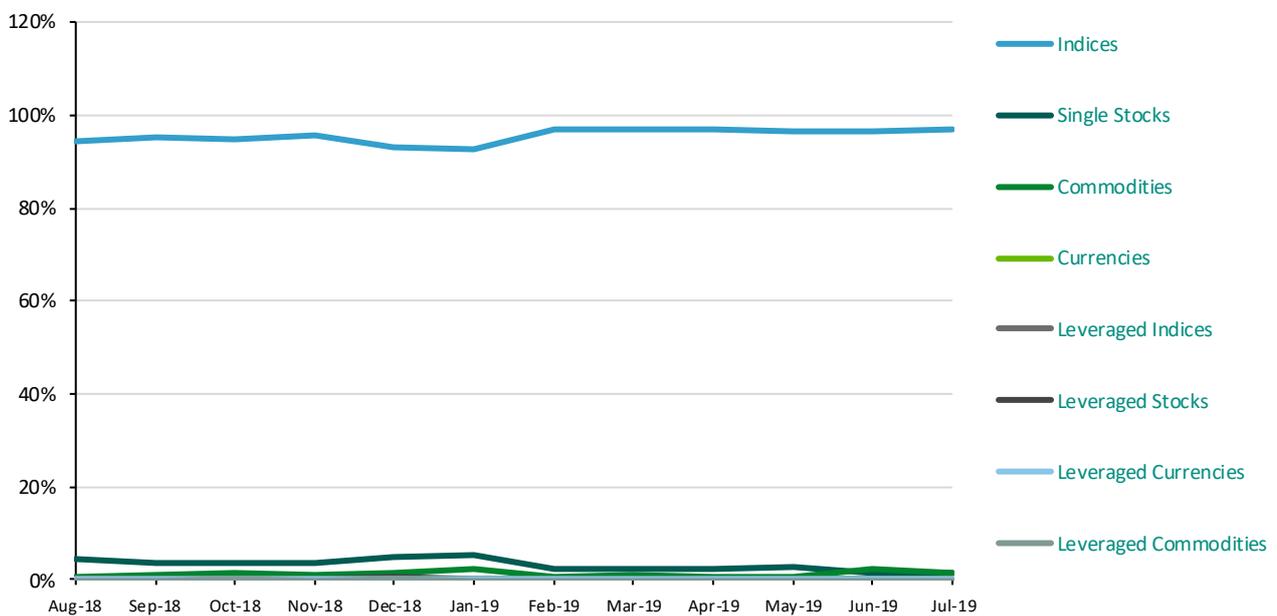
(Source Euronext)



UNDERLYING TYPES

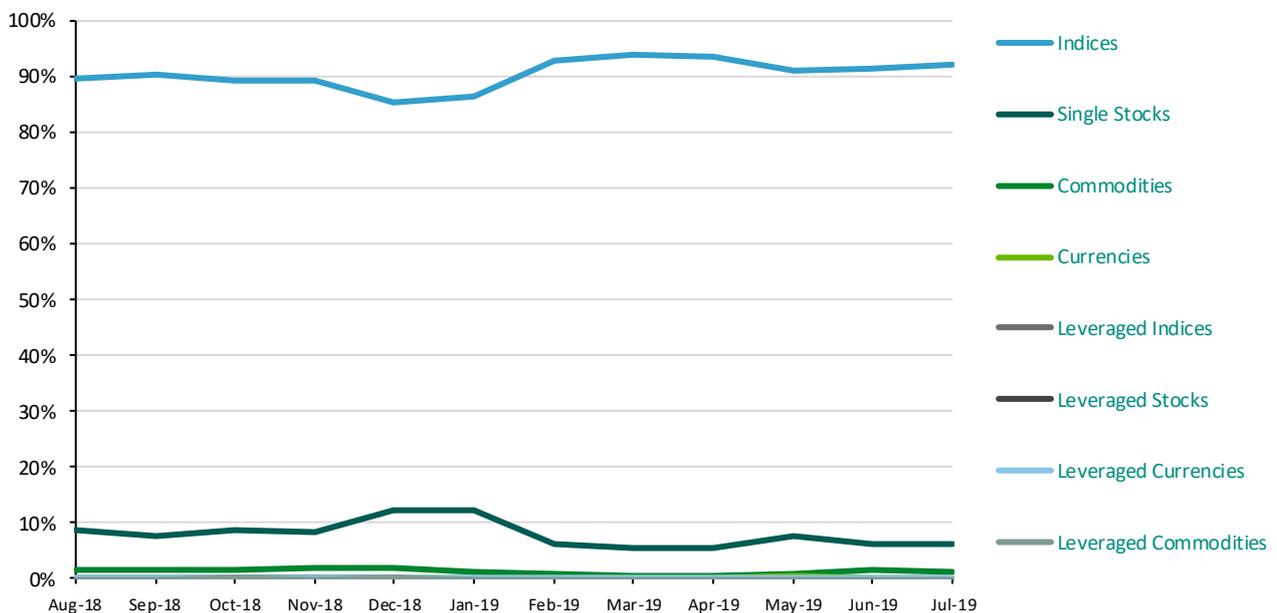
Market Trend: Value traded

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

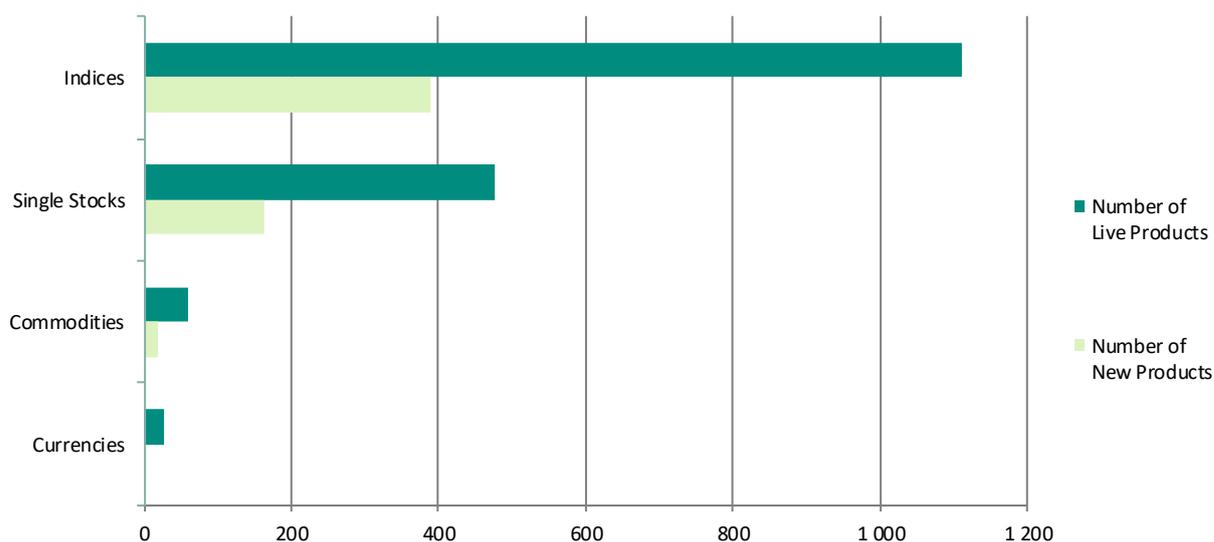
Product Overview

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	1,111	-0.1%	15.6%	66.5%	388	-21%	32%	67.6%
Single Stocks	476	-5.4%	4.1%	28.5%	164	-22%	66%	28.6%
Commodities	59	5.3%	6.5%	3.5%	19	73%	87%	3.3%
Currencies	26	-19.3%	-0.9%	1.6%	3	-50%	-49%	0.5%
Total	1,671	-1.8%	9.8%	100%	574	-20.3%	40.8%	100%

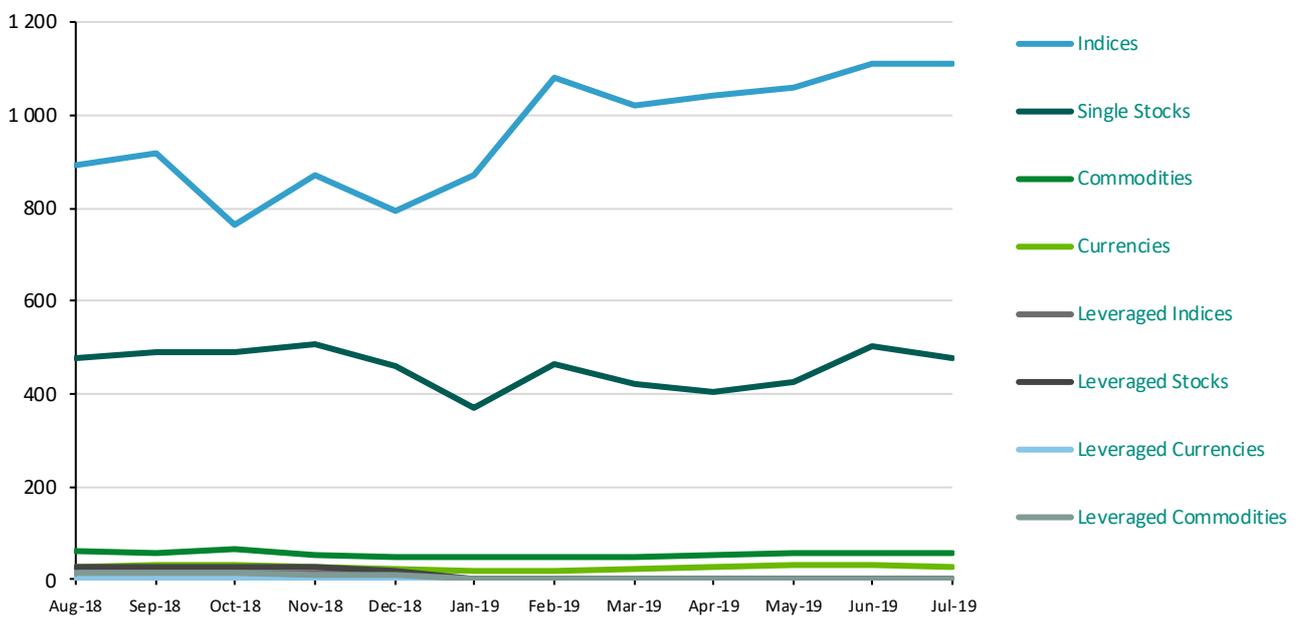
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UNDERLYING TYPES

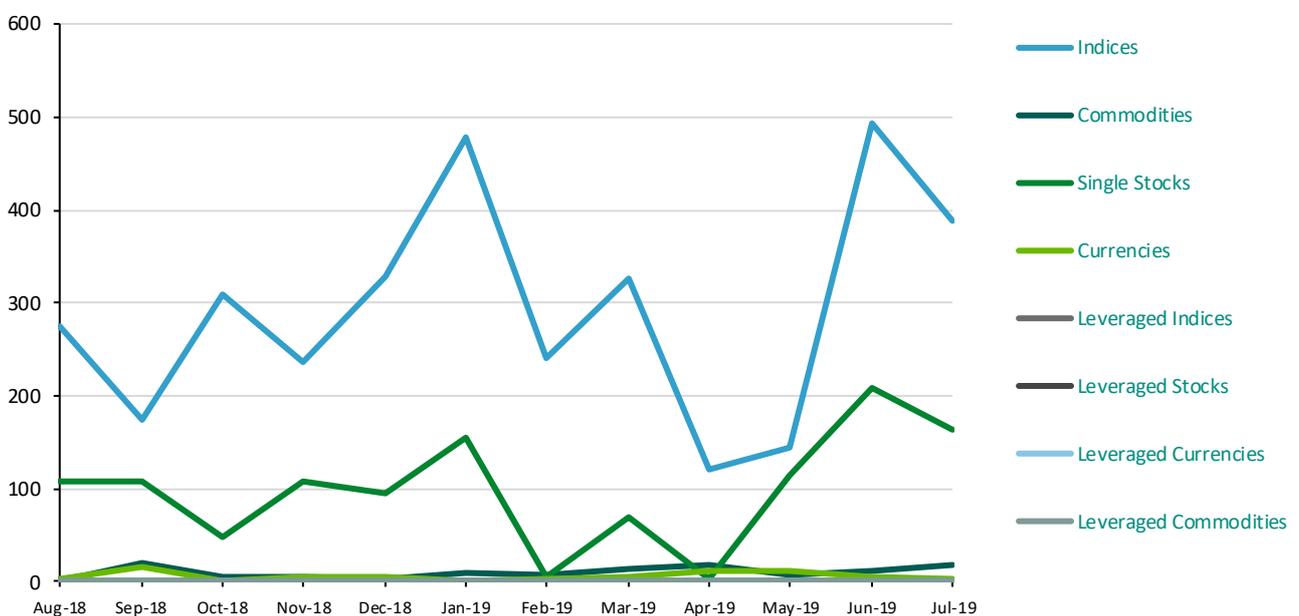
Product Trend: Number of Live Products

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

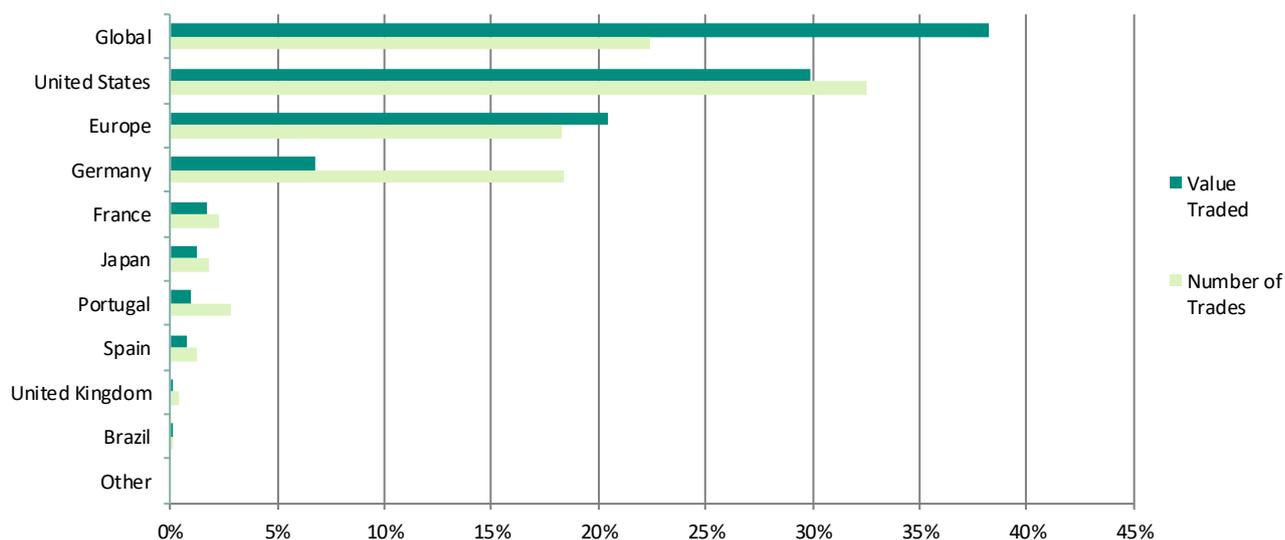
Market Overview

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	2,598	54%	76%	38.2%	108	45.1%	-19.2%	22.4%
United States	2,032	32%	73%	29.9%	157	30%	146%	32.5%
Europe	1,387	68%	88%	20.4%	88	61%	52%	18.2%
Germany	460	52%	24%	6.8%	89	14.9%	3.3%	18.3%
France	116	87%	42%	1.7%	11	38%	8.0%	2.3%
Japan	85	56%	4.5%	1.2%	8.7	44%	-10.8%	1.8%
Portugal	62	49%	-10.7%	0.9%	13	53%	2.1%	2.8%
Spain	48	129%	55%	0.7%	6.1	44%	11.1%	1.3%
United Kingdom	9	50%	9.7%	0.1%	1.7	47%	30%	0.4%
Brazil	0	-98%	-97%	0.0%	0.0	-57%	-47%	0.0%
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	6,797	49.8%	68.6%	100%	484	35.5%	26.7%	100%

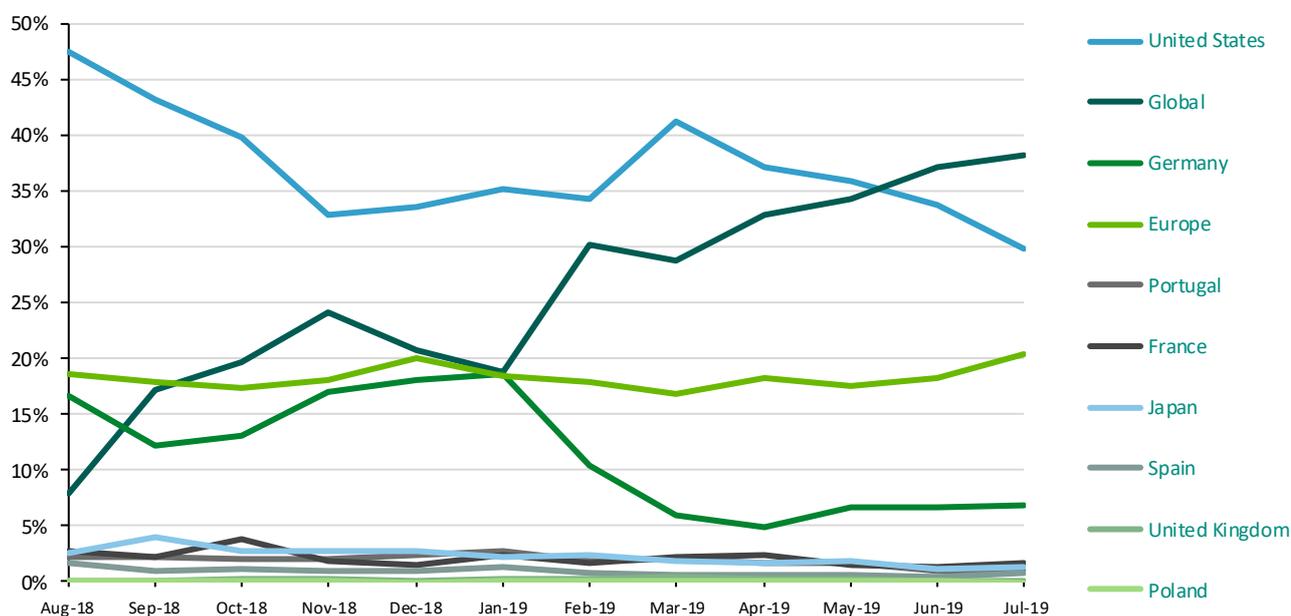
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

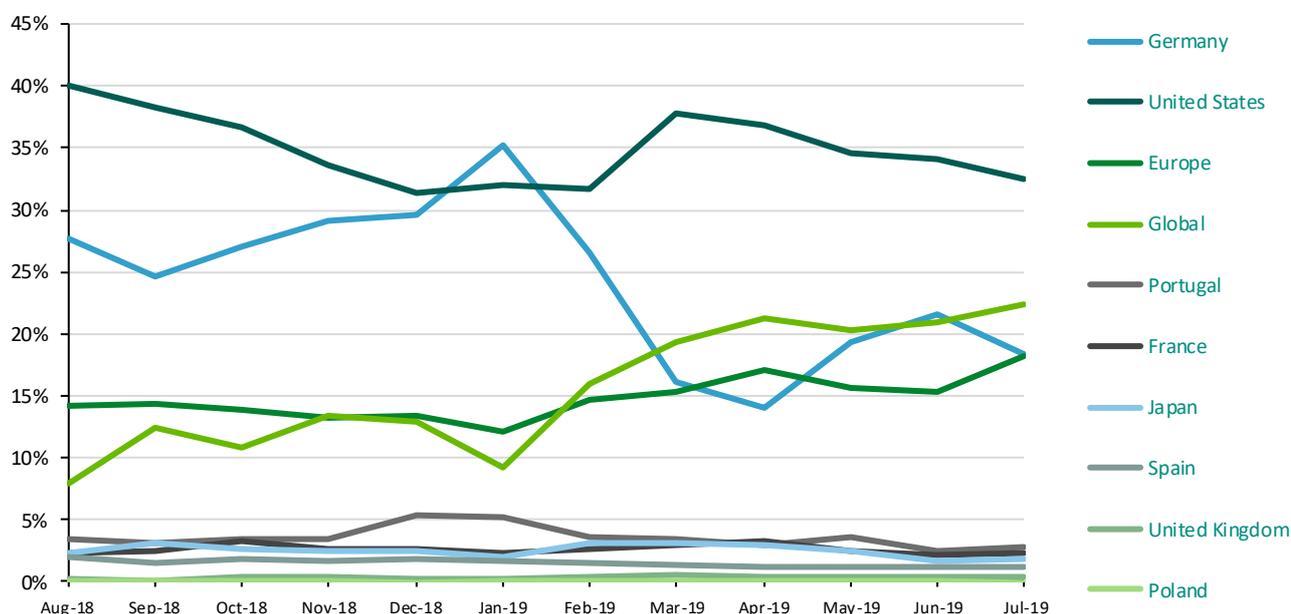
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

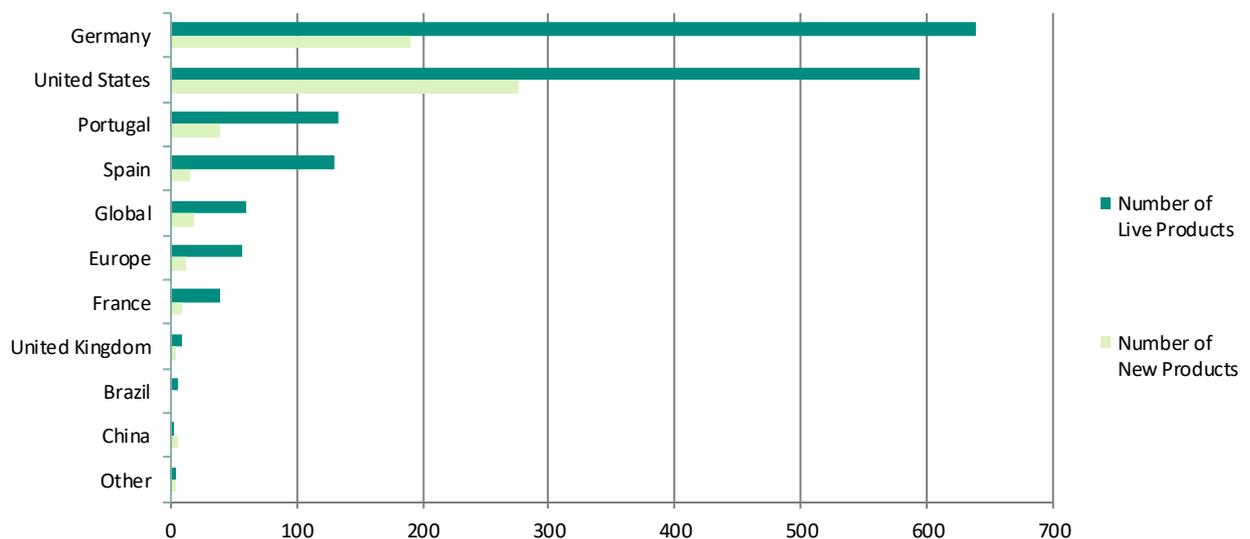
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Germany	639	1.4%	20%	38.2%	190	-27%	30%	33.1%
United States	594	-5.1%	11.0%	35.6%	276	-14.0%	51%	48.1%
Portugal	133	-6.4%	-24%	7.9%	39	5.4%	87%	6.8%
Spain	130	-5.6%	11.0%	7.8%	15	-72%	-48%	2.6%
Global	60	5.2%	-0.3%	3.6%	19	73%	90%	3.3%
Europe	57	14.1%	99%	3.4%	12	-43%	85%	2.1%
France	39	-9.3%	-29%	2.3%	9	-25%	9.1%	1.6%
United Kingdom	9	-10.0%	22%	0.5%	4	-20.0%	92%	0.7%
Brazil	5	-13.0%	-17.8%	0.3%	0		-100%	0.0%
China	3		515%	0.2%	6		NA	1.0%
Other	4		-12.9%	0.2%	4			0.7%
Total	1,671	-1.8%	9.8%	100%	574	-20.3%	40.8%	100%

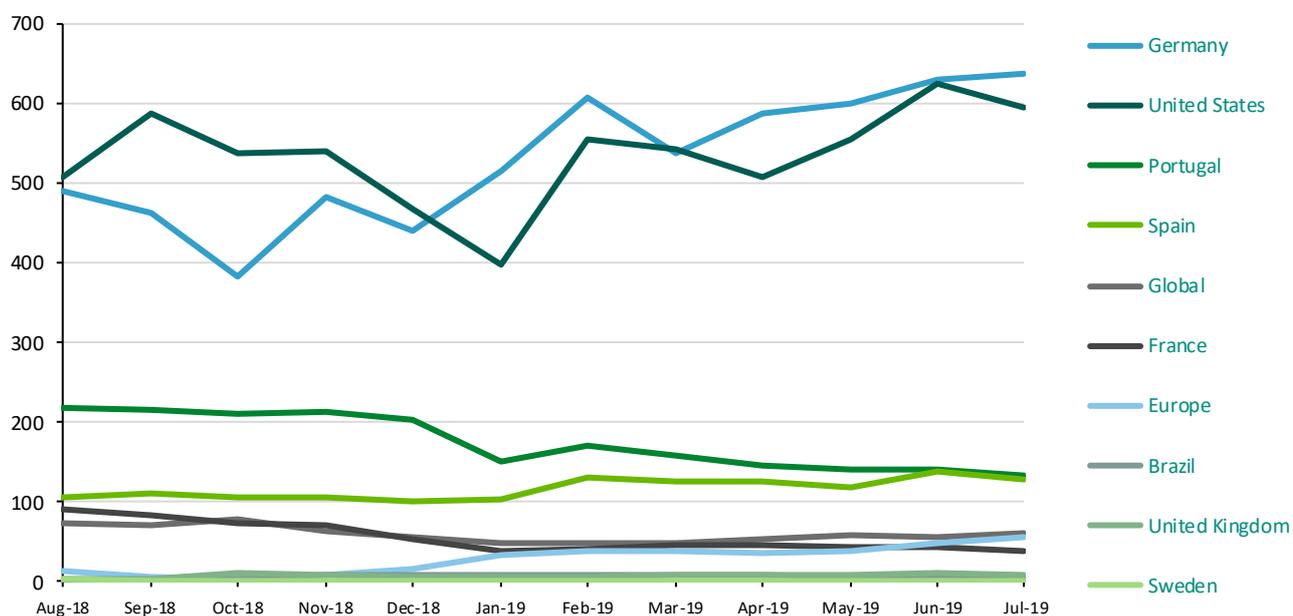
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

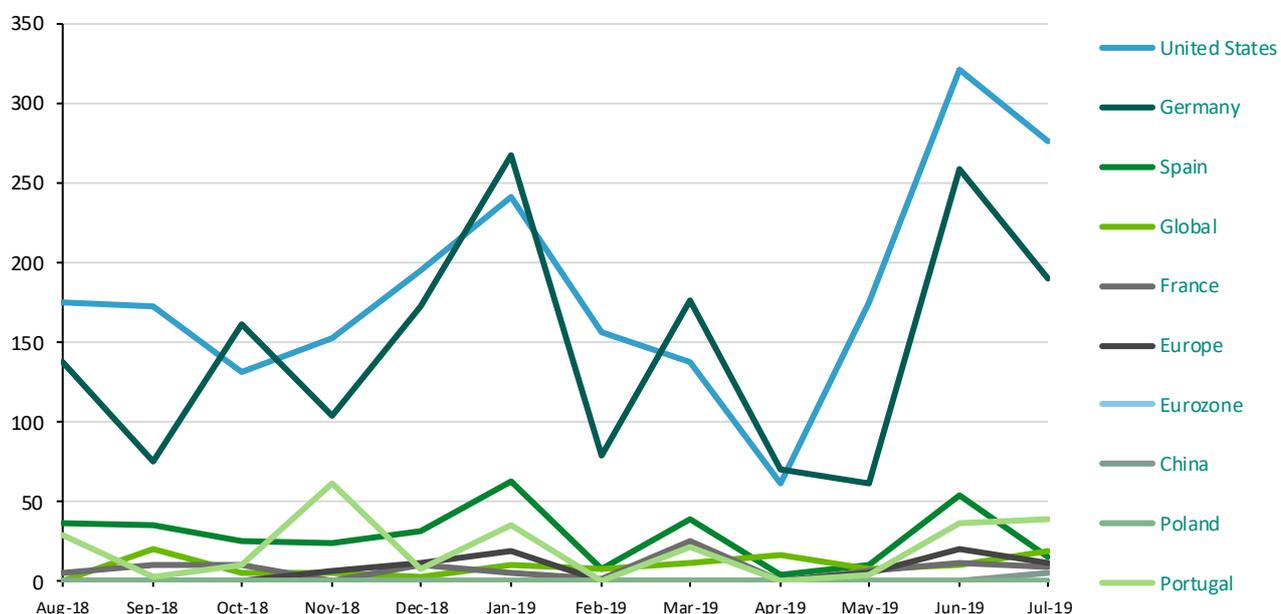
Product Trend: Number of Live Products

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

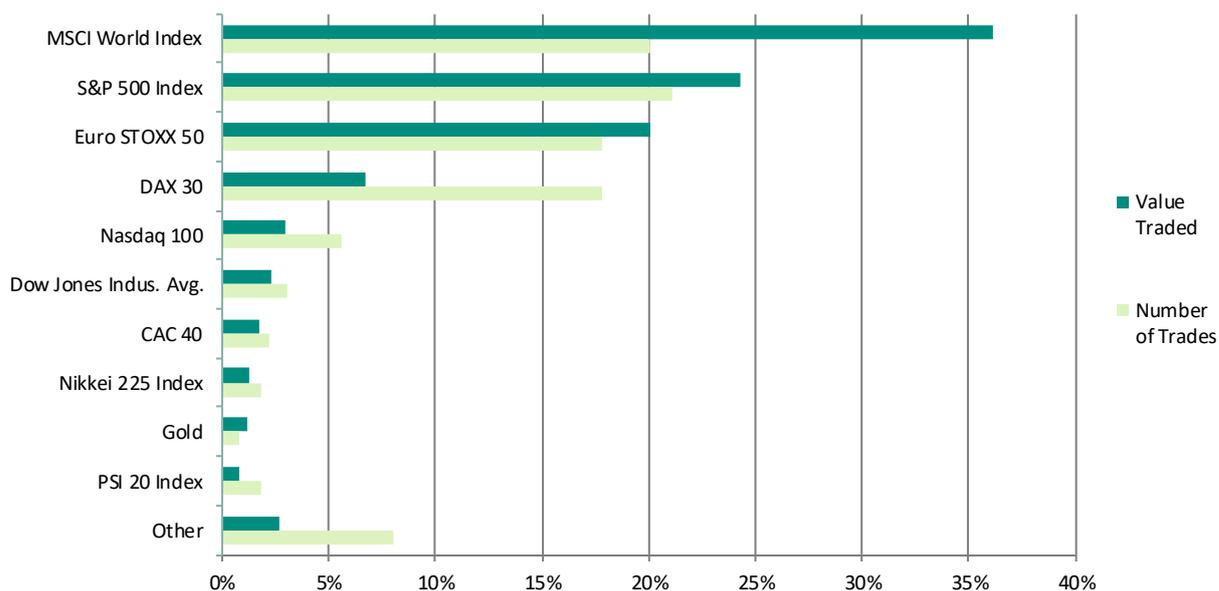
Market Overview

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	2,459	58%	119%	36.2%	97	49.4%	18.9%	20.0%
S&P 500 Index	1,649	36%	51%	24.3%	102	33%	93%	21.1%
Euro STOXX 50	1,363	68%	87%	20.1%	86	62%	52%	17.8%
DAX 30	456	52%	27%	6.7%	86	15.8%	4.8%	17.8%
Nasdaq 100	200	17.7%	11.1%	2.9%	27	22%	1.3%	5.5%
Dow Jones Indus. Avg.	154	20%	11.8%	2.3%	15	24%	-0.3%	3.0%
CAC 40	116	62%	42%	1.7%	11	209%	8.7%	2.2%
Nikkei 225 Index	85	37%	4.5%	1.2%	8.7	11.3%	-10.8%	1.8%
Gold	82	52%	44%	1.2%	3.8	-37%	-58%	0.8%
PSI 20 Index	52	39%	30%	0.8%	9.0	49%	46%	1.9%
Other	181	38%	19.7%	2.7%	39	26%	18.8%	8.0%
Total	6,797	49.8%	68.6%	100%	484	35.5%	26.7%	100%

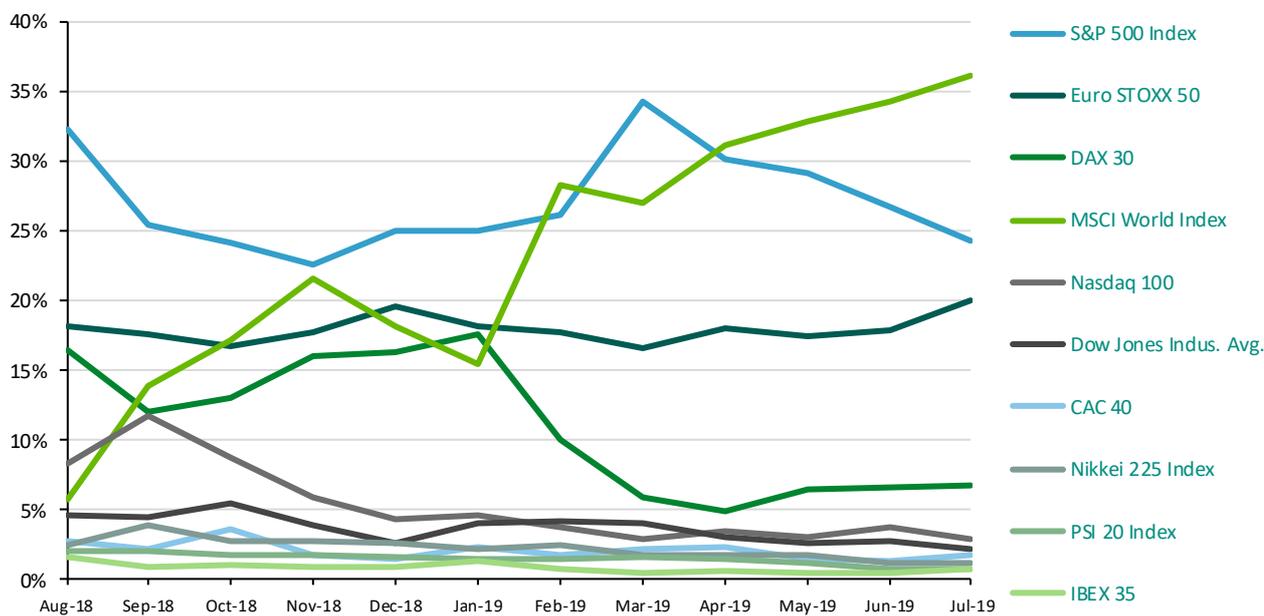
(Source Euronext)



TOP 10 UNDERLYINGS

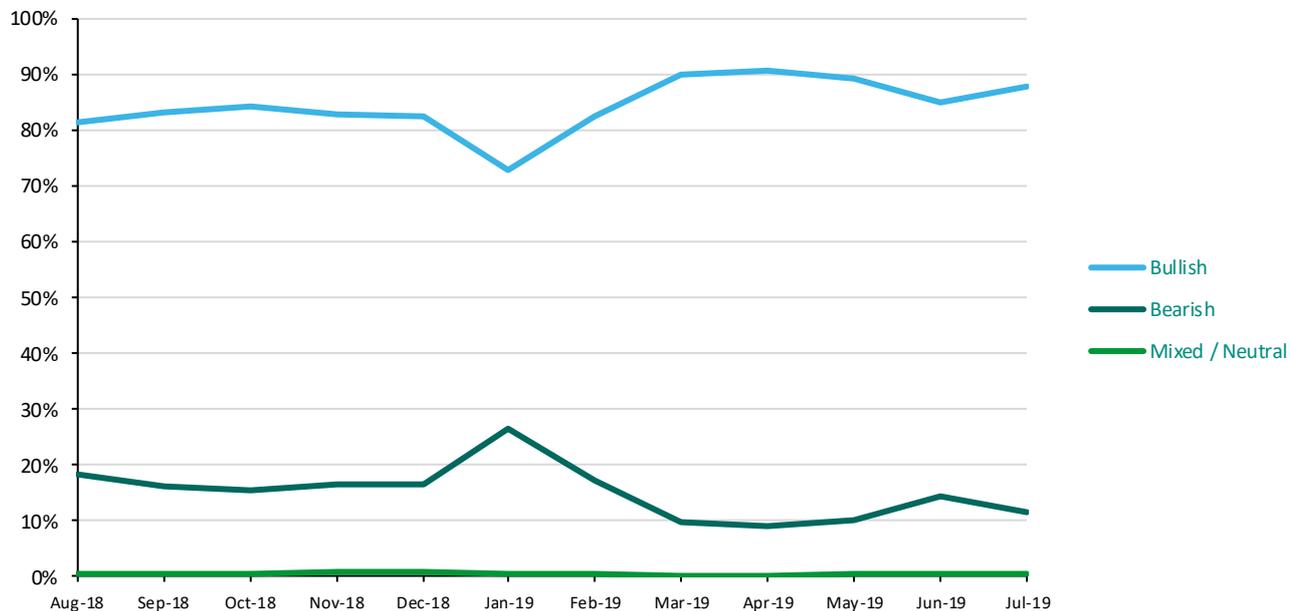
Market Trend: Value traded

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

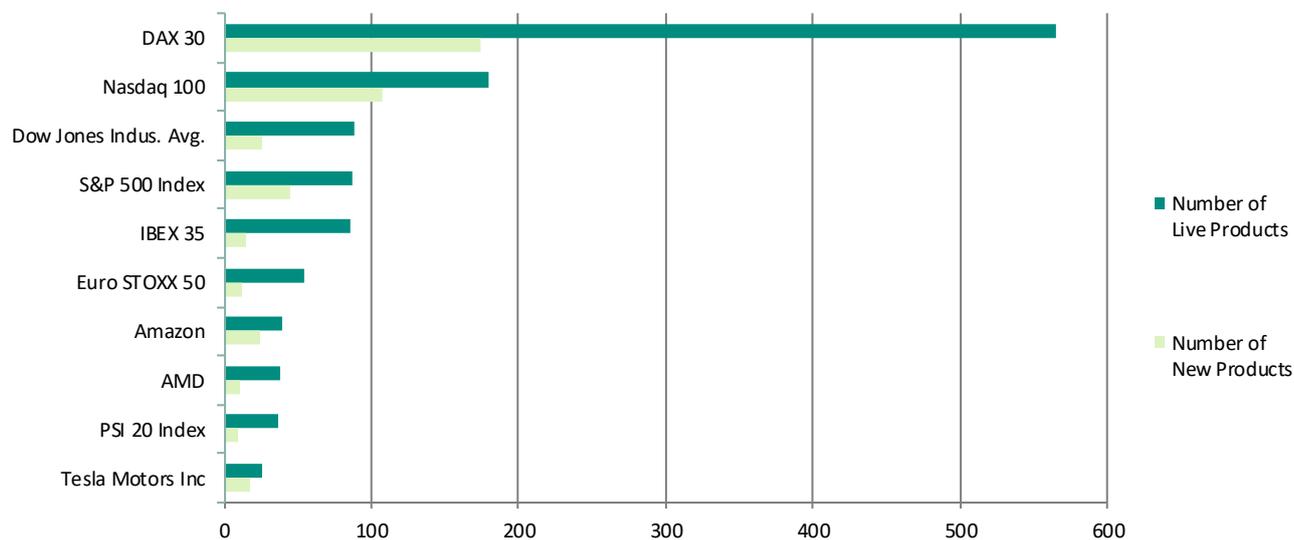
Product Overview

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	565	0.9%	21%	33.8%	174	-25%	27%	30.3%
Nasdaq 100	180	-4.3%	8.5%	10.8%	108	-0.9%	51%	18.8%
Dow Jones Indus. Avg.	89	9.9%	21%	5.3%	26	-52%	1.6%	4.5%
S&P 500 Index	86	-5.3%	8.2%	5.2%	45	50%	120%	7.8%
IBEX 35	85	-5.5%	0.2%	5.1%	14	-62%	-41%	2.4%
Euro STOXX 50	54	15.0%	110%	3.2%	12	-43%	85%	2.1%
Amazon	40	-15.5%	-5.0%	2.4%	24	-17.2%	45%	4.2%
AMD	38	5.1%	137%	2.2%	10	-38%	107%	1.7%
PSI 20 Index	36	-4.1%	-19.3%	2.2%	9	-57%	33%	1.6%
Tesla Motors Inc	26	6.1%	47%	1.6%	17	13.3%	152%	3.0%
Other	472	-5.5%	-6.2%	28.3%	135	-12.9%	54%	23.5%
Total	1,671	-1.8%	9.8%	100%	574	-20.3%	40.8%	100%

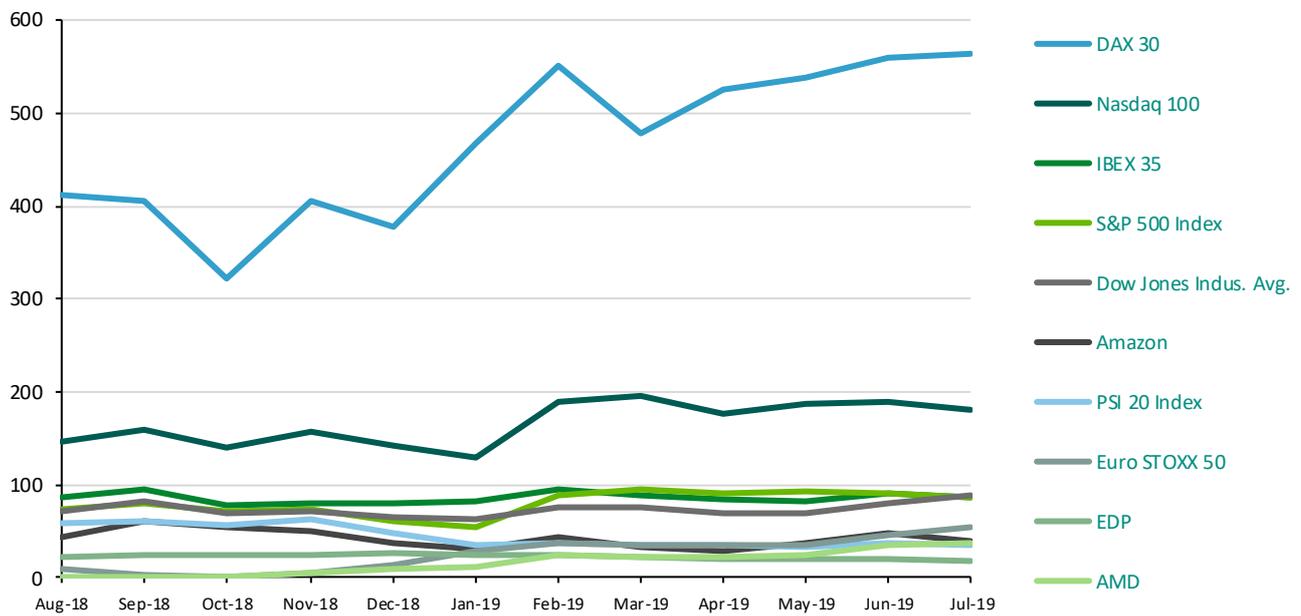
(Source Euronext)



TOP 10 UNDERLYINGS

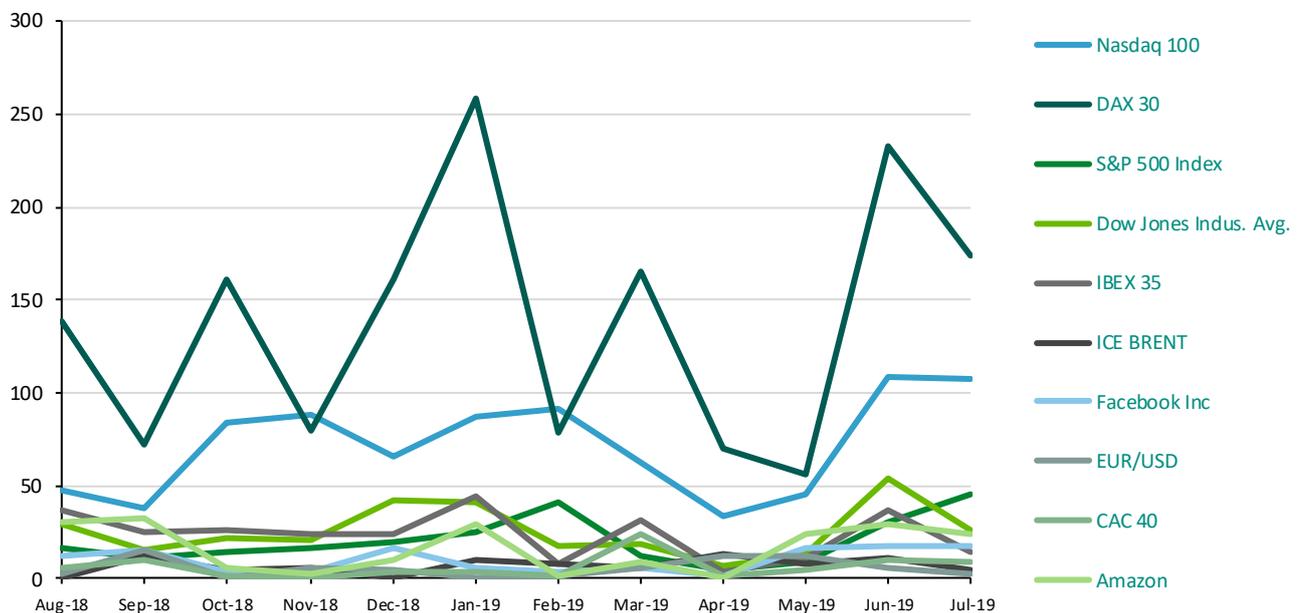
Product Trend: Number of Live Products

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	62,279	2,594
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	32,404	2,120
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	31,207	1,622
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	17,116	1,314
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,540	470
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	5,531	288
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	5,018	396
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	2,845	136
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	2,461	294
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	2,164	242
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	1,505	232
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	1,141	140
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	881	40
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	756	116
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	489	52
DE000CU1QDQ5	Commerzbank	2200	Knock-Out Warrants	DAX 30	363	156
DE000CU1PYS9	Commerzbank	2200	Knock-Out Warrants	DAX 30	265	134
DE000CP6NKH2	Citi	2200	Knock-Out Warrants	DAX 30	259	60
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	251	46
DE000CU1P0E2	Commerzbank	2200	Knock-Out Warrants	DAX 30	249	120
DE000CJ36U27	Commerzbank	2200	Knock-Out Warrants	DAX 30	232	110
DE000CP6NKQ3	Citi	2200	Knock-Out Warrants	DAX 30	219	116
DE000CP6NKZ4	Citi	2200	Knock-Out Warrants	DAX 30	200	46
PTBCSZYE0010	BCP	1300	Tracker Certificates	FTSE EPRA/NAREIT Euro Zone I	190	18
DE000CP6NHW7	Citi	2200	Knock-Out Warrants	Nasdaq 100	179	36
DE000CU1QDP7	Commerzbank	2200	Knock-Out Warrants	DAX 30	172	40
DE000CU1P0P8	Commerzbank	2200	Knock-Out Warrants	DAX 30	160	118
DE000CU1QB80	Commerzbank	2200	Knock-Out Warrants	DAX 30	151	36
DE000CJ36VT2	Commerzbank	2200	Knock-Out Warrants	EUR/USD	148	6
DE000CP6NCQ0	Citi	2200	Knock-Out Warrants	Nasdaq 100	144	50
DE000CP6NMM10	Citi	2200	Knock-Out Warrants	Facebook Inc	133	38
DE000CP6NGB3	Citi	2200	Knock-Out Warrants	Facebook Inc	131	84
DE000CU1PXA9	Commerzbank	2200	Knock-Out Warrants	DAX 30	126	64
DE000CP6NJA9	Citi	2200	Knock-Out Warrants	Nasdaq 100	120	18
DE000CP6NJQ5	Citi	2200	Knock-Out Warrants	DAX 30	119	38
DE000CU1P0D4	Commerzbank	2200	Knock-Out Warrants	DAX 30	119	44
DE000CP6NMN6	Citi	2200	Knock-Out Warrants	Amazon	117	40
DE000CP6NAD2	Citi	2100	Warrants	S&P 500 Index	113	12
DE000CU1PXZ6	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	111	32
DE000CP6NKK6	Citi	2200	Knock-Out Warrants	DAX 30	108	28
DE000CP6NFU5	Citi	2200	Knock-Out Warrants	DAX 30	105	28
DE000CP6NLL2	Citi	2200	Knock-Out Warrants	DAX 30	103	32
DE000CP6NMZ0	Citi	2200	Knock-Out Warrants	Facebook Inc	99	28
DE000CJ35MY3	Commerzbank	2100	Warrants	DAX 30	98	16
DE000CP6NKT7	Citi	2200	Knock-Out Warrants	Nasdaq 100	89	18
DE000CP6NKY7	Citi	2200	Knock-Out Warrants	DAX 30	86	22
DE000CP6NKF6	Citi	2200	Knock-Out Warrants	DAX 30	82	38
DE000CP6NKM2	Citi	2200	Knock-Out Warrants	DAX 30	78	22
PTBIU2YE0087	BCP	1300	Tracker Certificates	STOXX 600 Basic Resources Inc	77	12
DE000CV3LAM6	Commerzbank	2100	Warrants	DAX 30	74	18

(Source Euronext)



Euronext Paris

ISSUERS

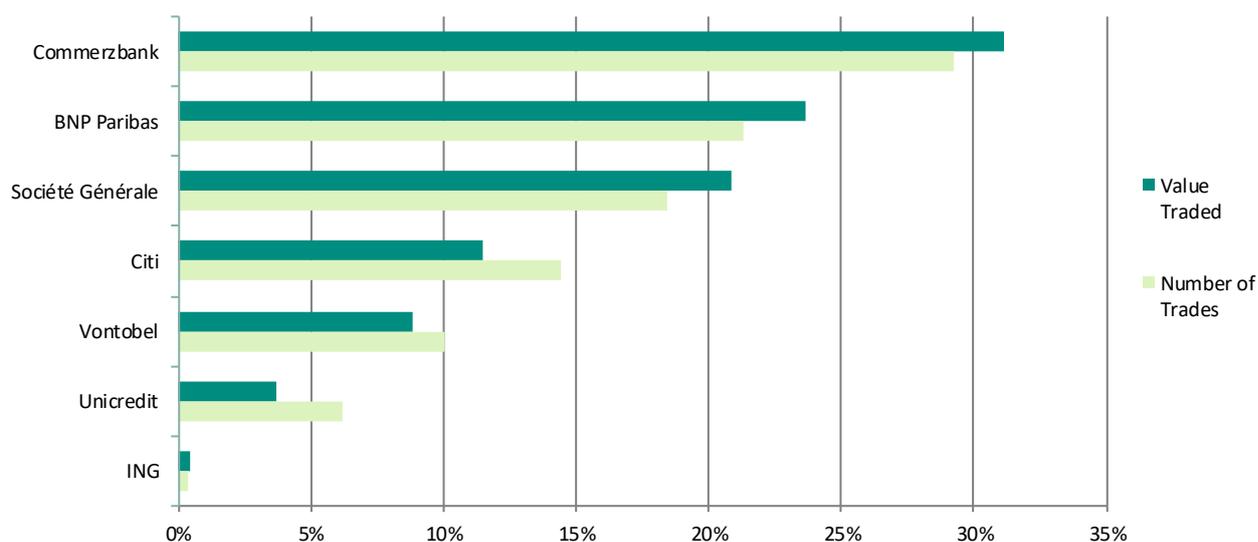
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Commerzbank	3,094	-26%	-19.5%	31.1%	1,188	29.8%	-24.2%	29.3%
BNP Paribas	2,350	-25%	-29%	23.6%	866	-34.3%	-9.7%	21.3%
Société Générale	2,073	-14.2%	-24%	20.9%	749	-20.2%	-19.5%	18.4%
Citi	1,137	-0.6%	-27%	11.4%	586	27.8%	-17.3%	14.4%
Vontobel	880	-16.9%	13.2%	8.9%	409	-21.2%	10.2%	10.1%
Unicredit	366	16.7%	-1.5%	3.7%	250	6.5%	10.4%	6.2%
ING	40	4.5%	-34%	0.4%	13	-12.8%	-48.5%	0.3%
Total	9,940	-19.2%	-21.3%	100%	4,061	-7.7%	-15.2%	100%

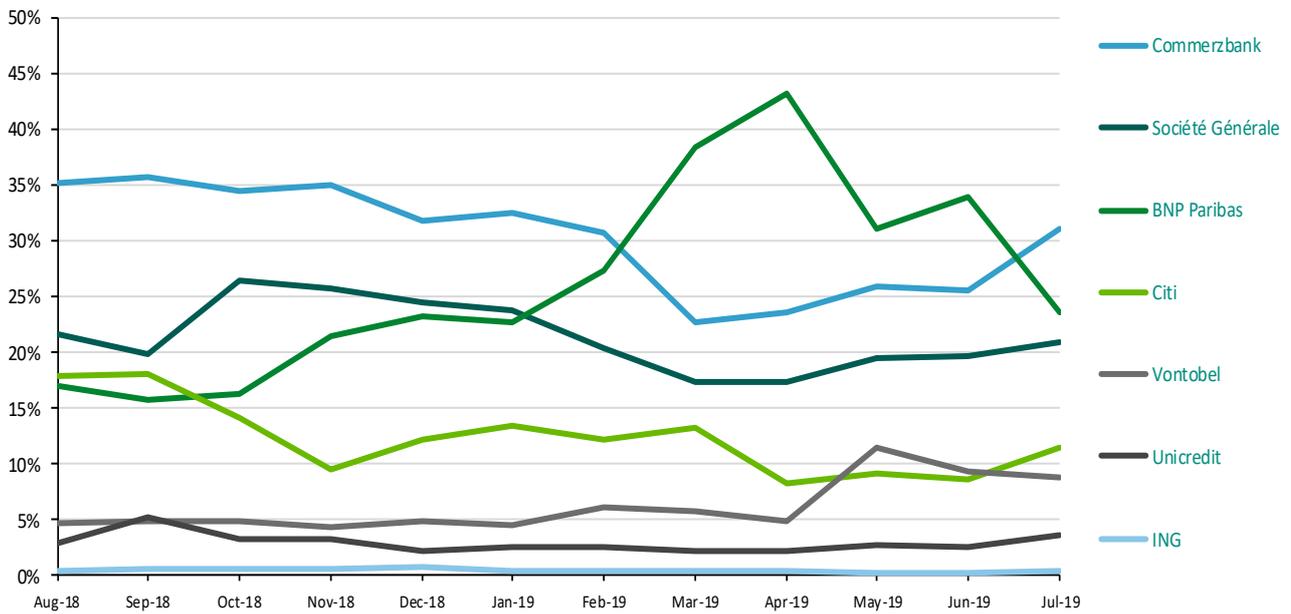
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ISSUERS

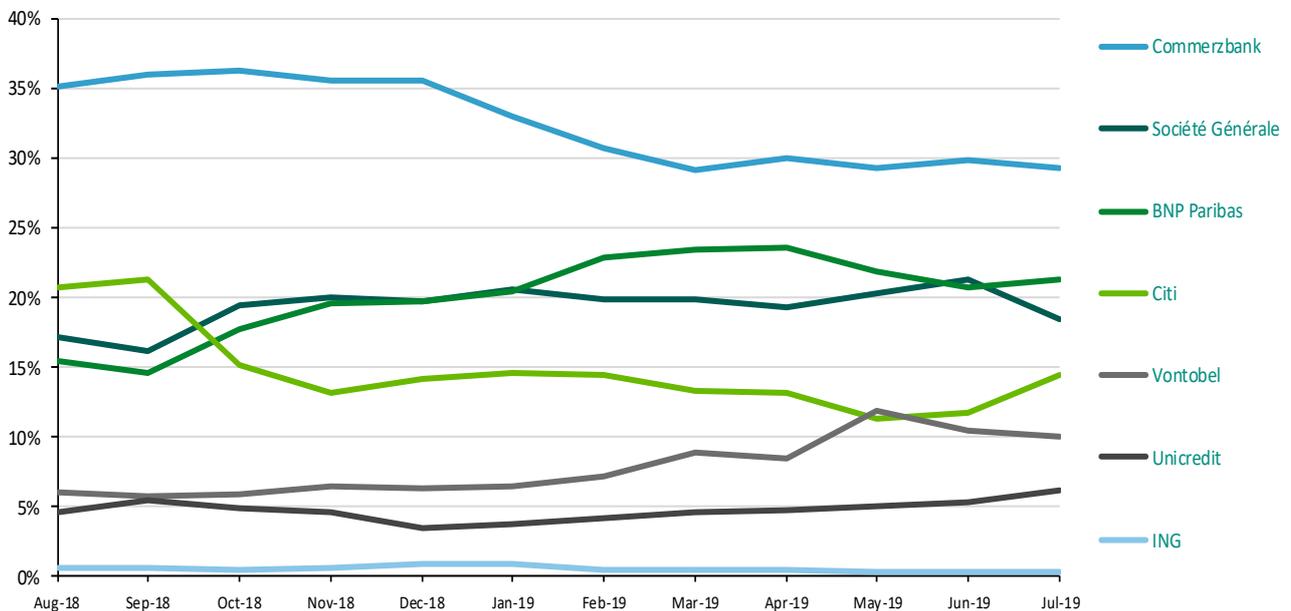
Market Trend: Value traded

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

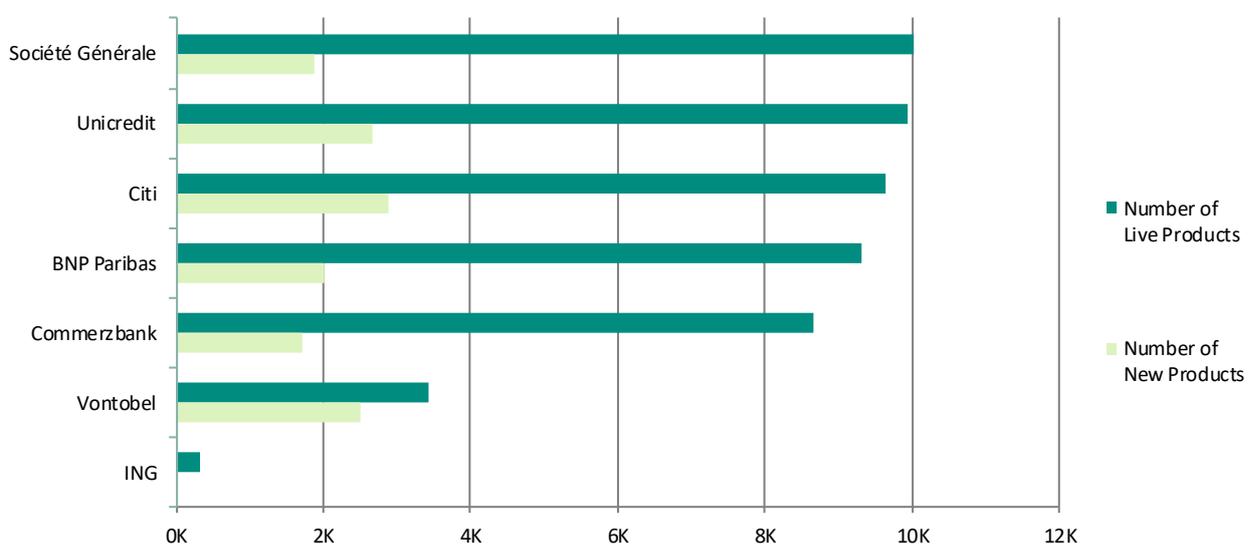
Product Overview

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
Société Générale	10,018	-11.7%	5.9%	19.5%	1,882	-69%	-42%	13.8%
Unicredit	9,938	1.0%	26%	19.4%	2,675	-31%	21%	19.5%
Citi	9,641	-6.8%	4.2%	18.8%	2,889	26%	-1.8%	21.1%
BNP Paribas	9,329	-6.7%	12.9%	18.2%	2,016	-8.3%	-17.3%	14.7%
Commerzbank	8,672	-11.3%	-6.5%	16.9%	1,697	-11.7%	-18.3%	12.4%
Vontobel	3,420	1.5%	2.2%	6.7%	2,507	68%	39%	18.3%
ING	327	-1.0%	-3.1%	0.6%	21	16.7%	-4.2%	0.2%
Total	51,345	-6.7%	7.4%	100%	13,687	-23.0%	-6.9%	100%

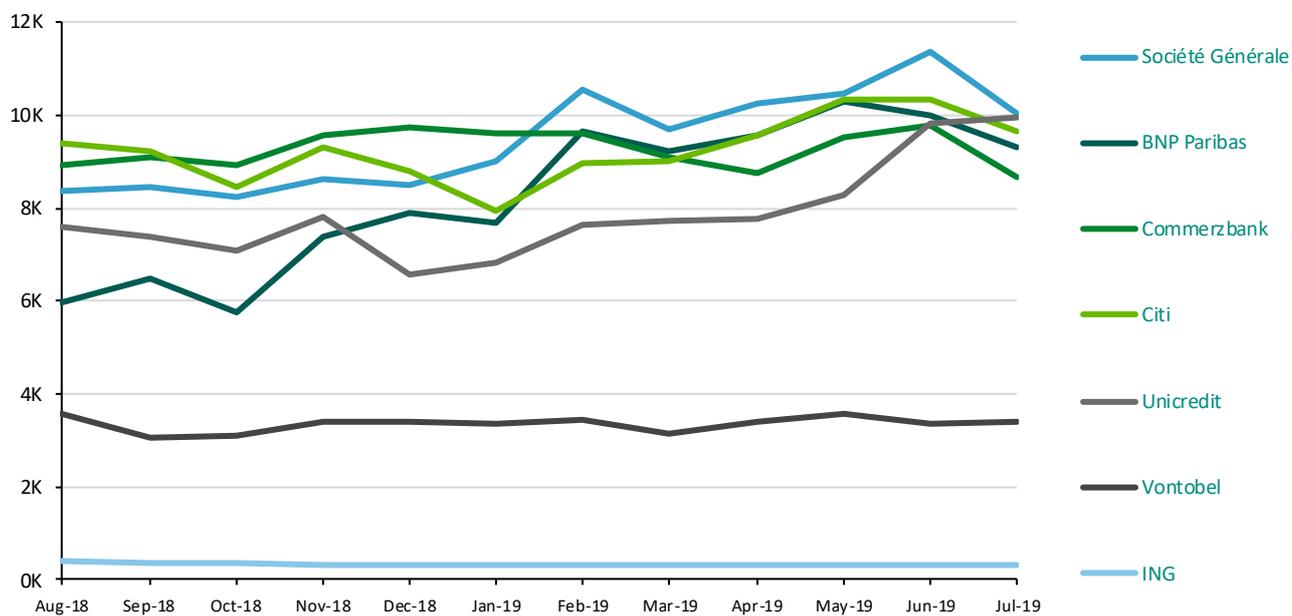
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ISSUERS

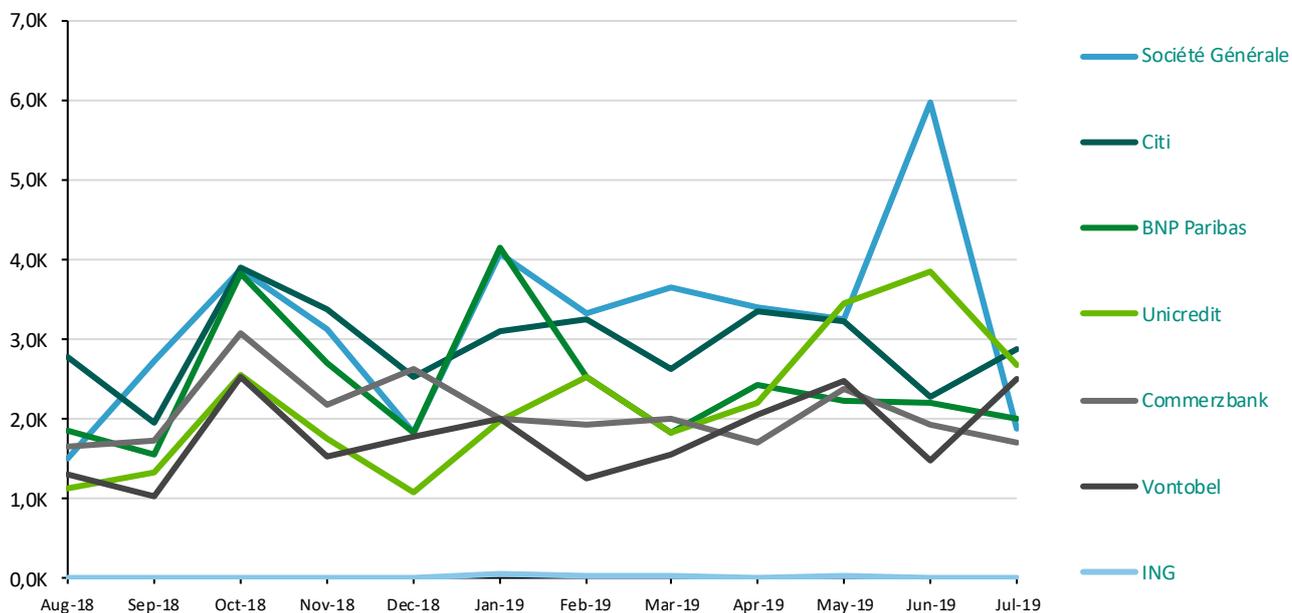
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

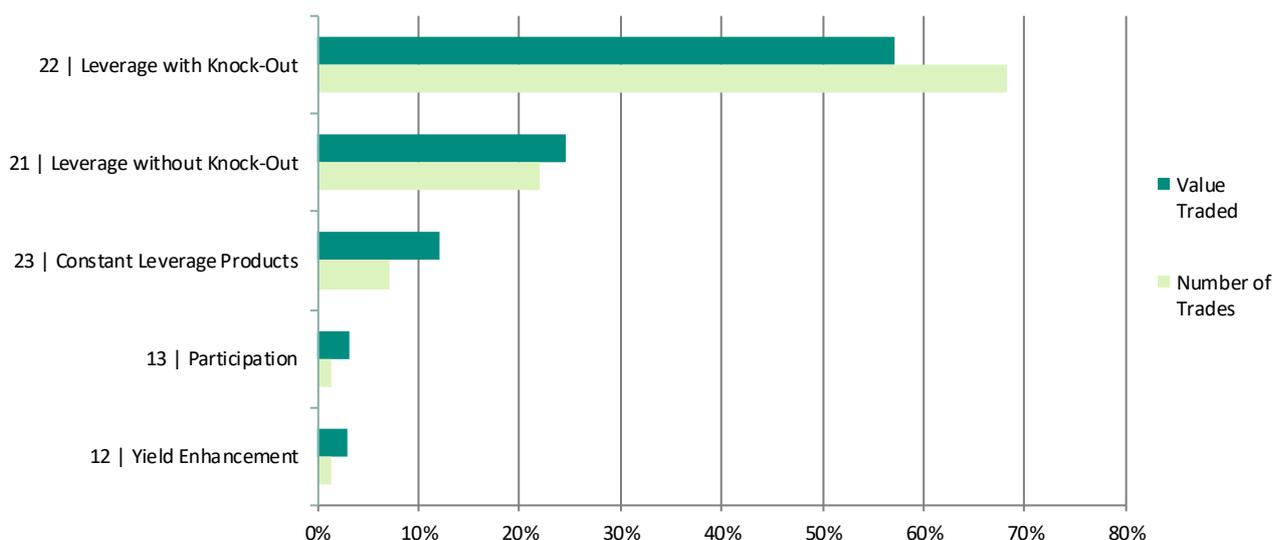
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	5,684	-6.8%	-13.9%	57.2%	2,774	-6.5%	-11.5%	68.3%
21 Leverage without Knock-Out	2,451	-41%	-34%	24.7%	892	-6.3%	-18.6%	22.0%
23 Constant Leverage Products	1,202	-1.3%	-28%	12.1%	292	-18.2%	-34.3%	7.2%
13 Participation	311	-35%	-23%	3.1%	51	-32.9%	-21.2%	1.3%
12 Yield Enhancement	292	-18.7%	18.0%	2.9%	51	6.2%	9.0%	1.3%
Total	9,940	-19.2%	-21.3%	100%	4,061	-7.7%	-15.2%	100%

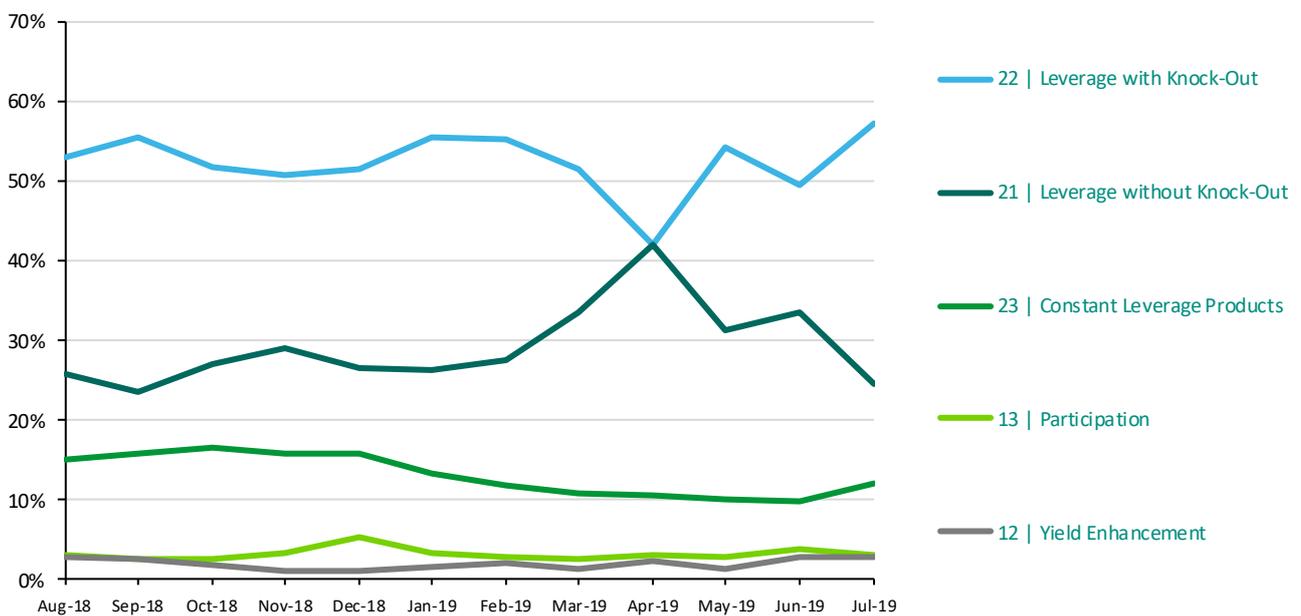
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

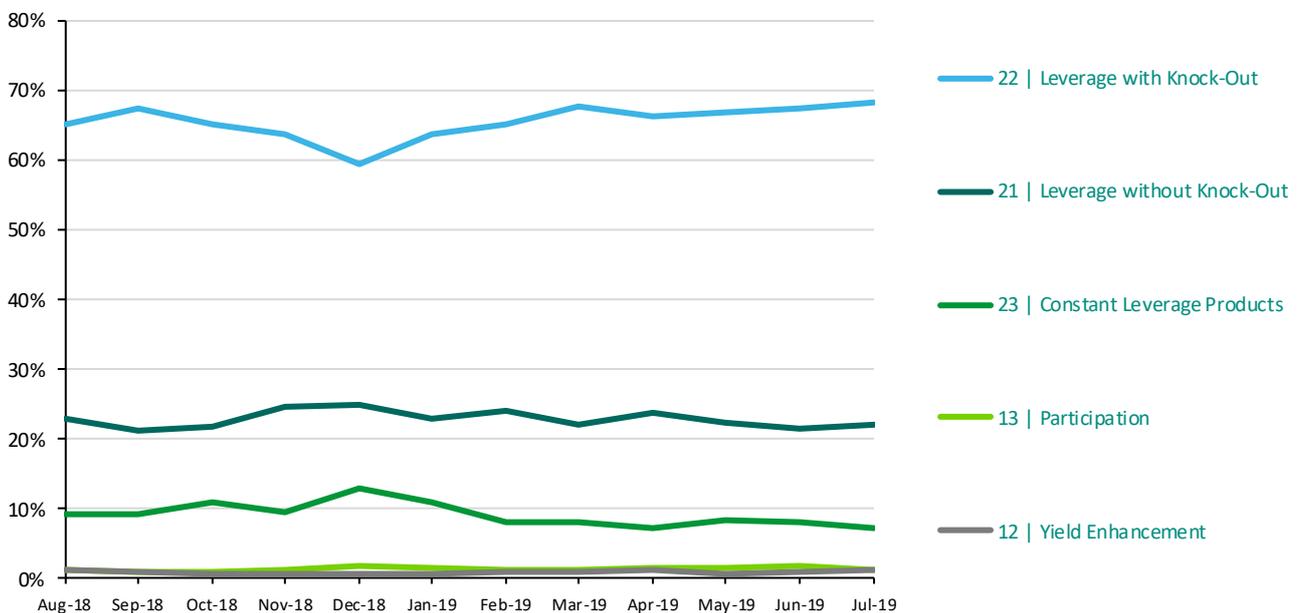
Market Trend: Value traded

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)

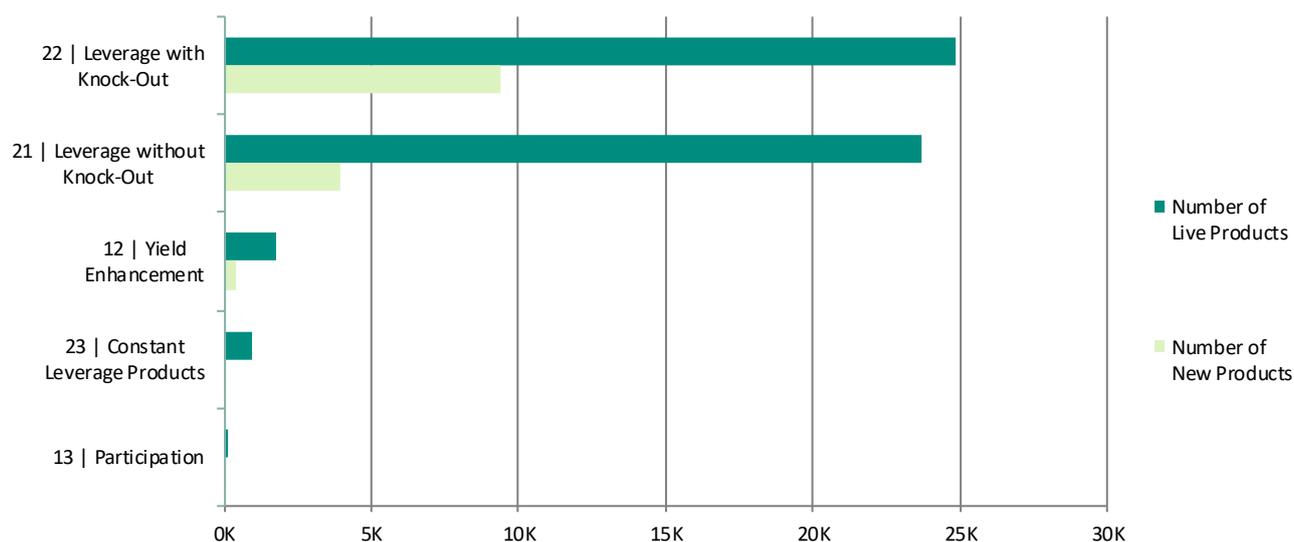
Product Overview

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	24,846	-6.9%	6.4%	48.4%	9,360	-19.0%	-8.6%	68.4%
21 Leverage without Knock-Out	23,711	-5.6%	9.0%	46.2%	3,934	-34%	-5.8%	28.7%
12 Yield Enhancement	1,750	-18.7%	-0.3%	3.4%	362	42%	48%	2.6%
23 Constant Leverage Products	924	1.4%	13.3%	1.8%	19	5.6%	-53%	0.1%
13 Participation	114	-7.9%	-19.6%	0.2%	12		167%	0.1%
Total	51,345	-6.7%	7.4%	100%	13,687	-23.0%	-6.9%	100%

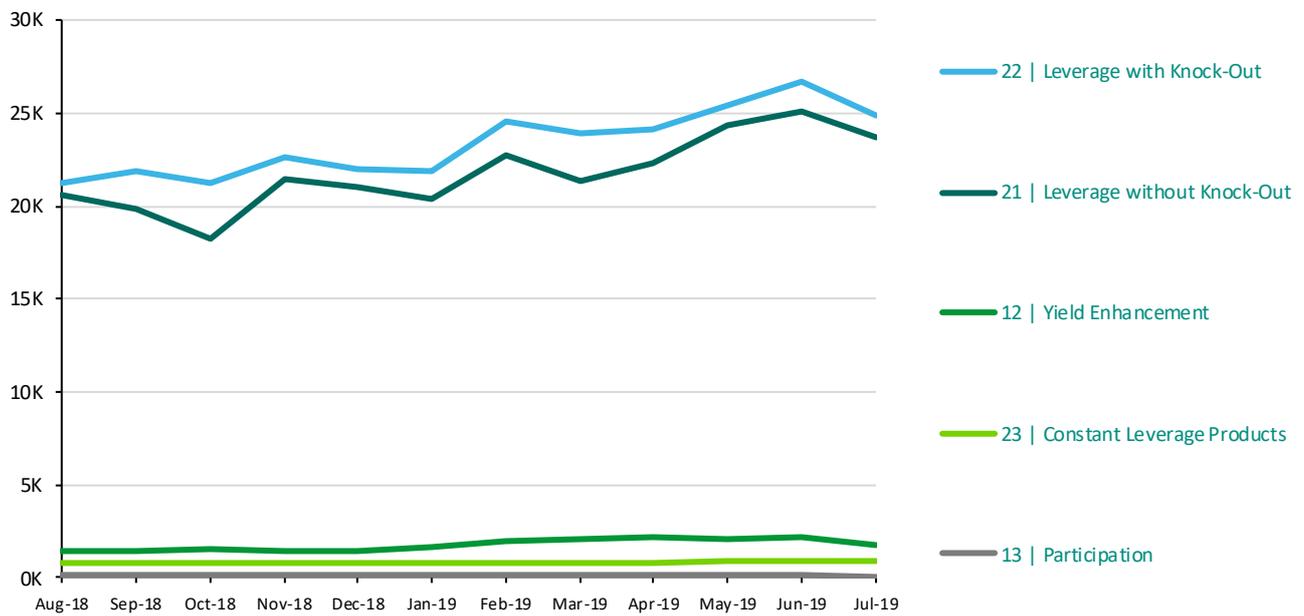
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

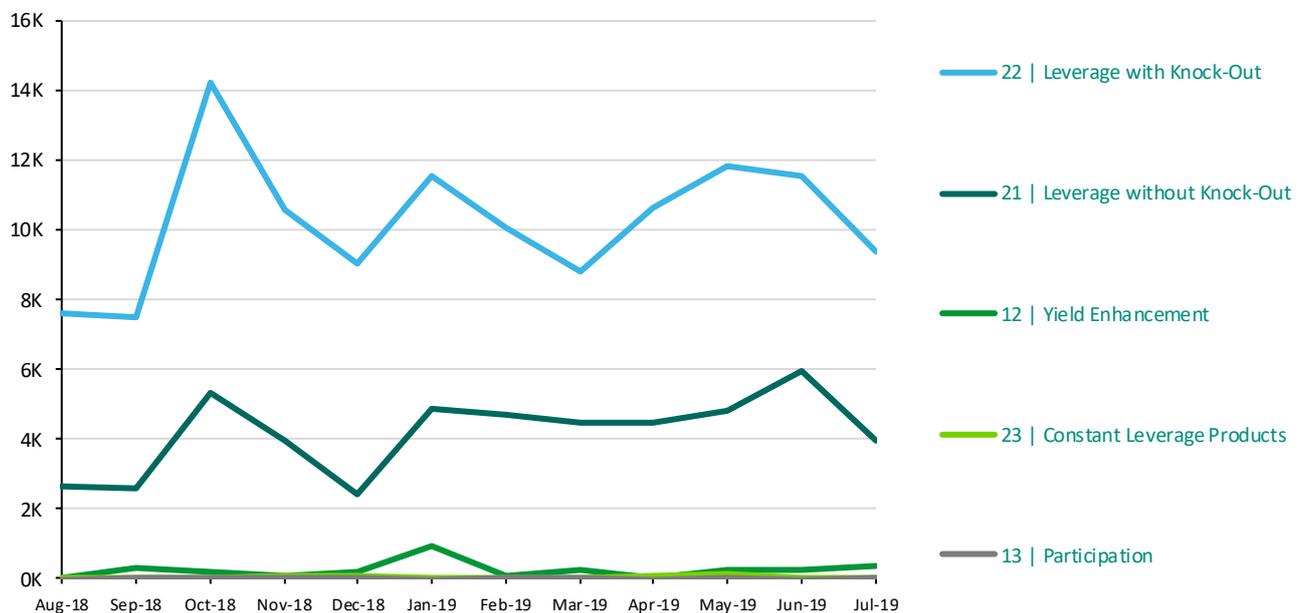
Product Trend: Number of Live Products

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

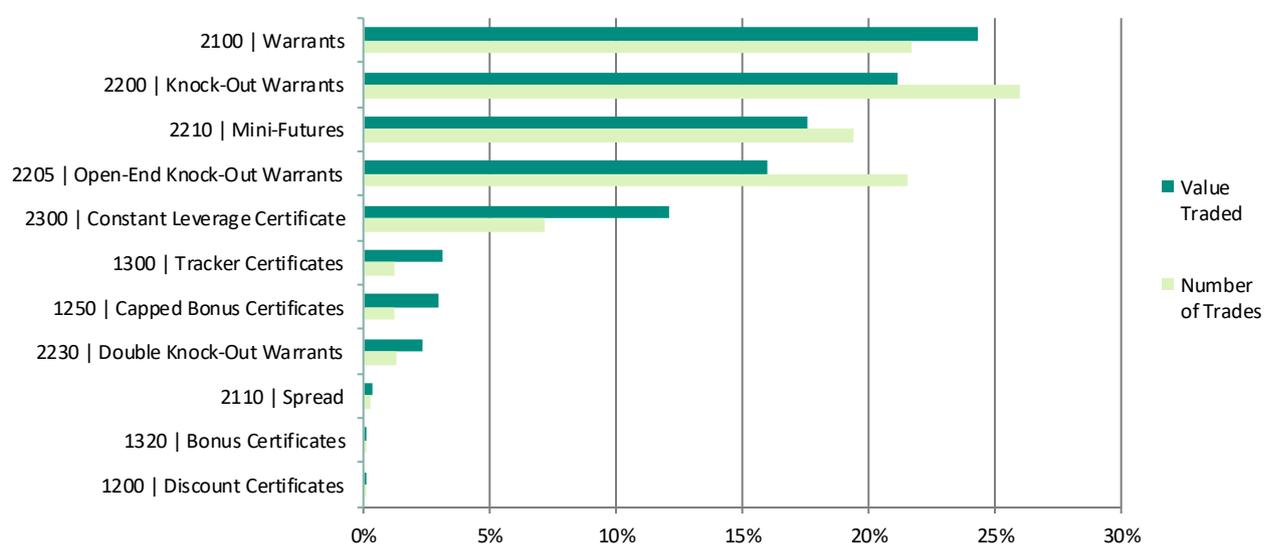
Market Overview

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	2,419	-41%	-34%	24.3%	882	-6.2%	-18.8%	21.7%
2200 Knock-Out Warrants	2,108	-12.3%	-26%	21.2%	1,056	-6.0%	-16.1%	26.0%
2210 Mini-Futures	1,749	-6.8%	-5.1%	17.6%	789	-17.8%	-19.9%	19.4%
2205 Open-End Knock-Out Warrants	1,592	-4.0%	-11.2%	16.0%	876	3.8%	1.2%	21.6%
2300 Constant Leverage Certificate	1,202	-1.3%	-28%	12.1%	292	-18.2%	-34%	7.2%
1300 Tracker Certificates	310	-35%	-23%	3.1%	51	-33%	-21%	1.3%
1250 Capped Bonus Certificates	292	-18.7%	18.3%	2.9%	51	6.0%	9.3%	1.3%
2230 Double Knock-Out Warrants	235	49%	145%	2.4%	53	40%	106%	1.3%
2110 Spread	32	-19.1%	9.8%	0.3%	9.7	-15.3%	2.8%	0.2%
1320 Bonus Certificates	0	-74%	-88%	0.0%	0.0	-13.0%	-81%	0.0%
1200 Discount Certificates	0	40%	-82%	0.0%	0.1	161%	-43%	0.0%
Total	9,940	-19.2%	-21.3%	100%	4,061	-7.7%	-15.2%	100%

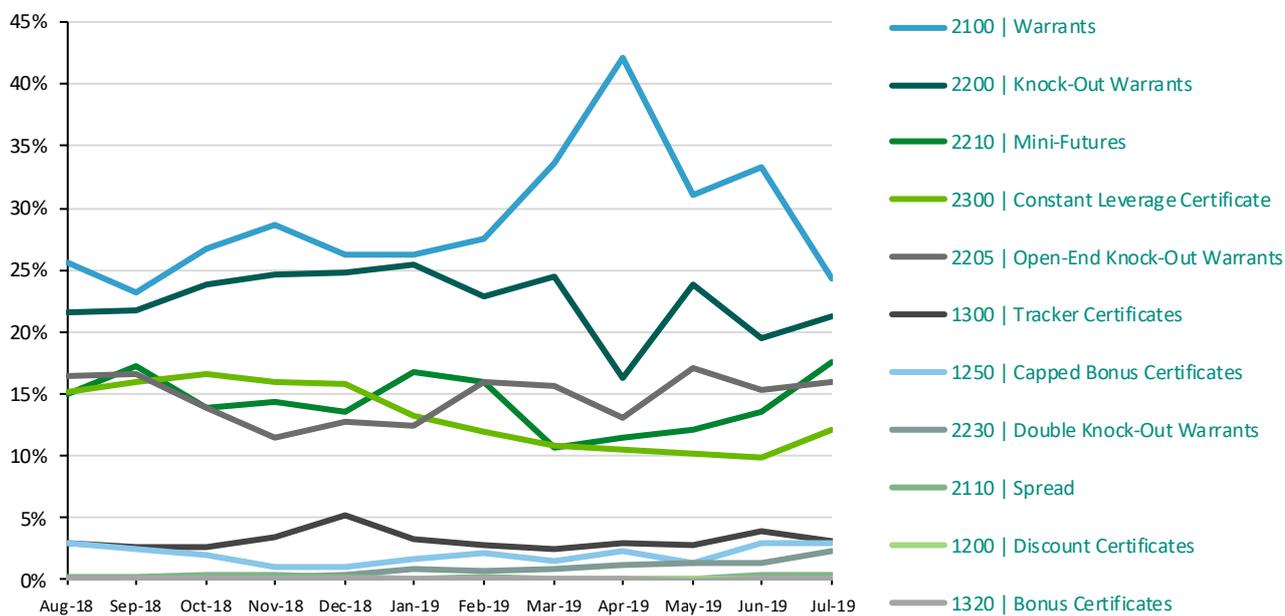
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

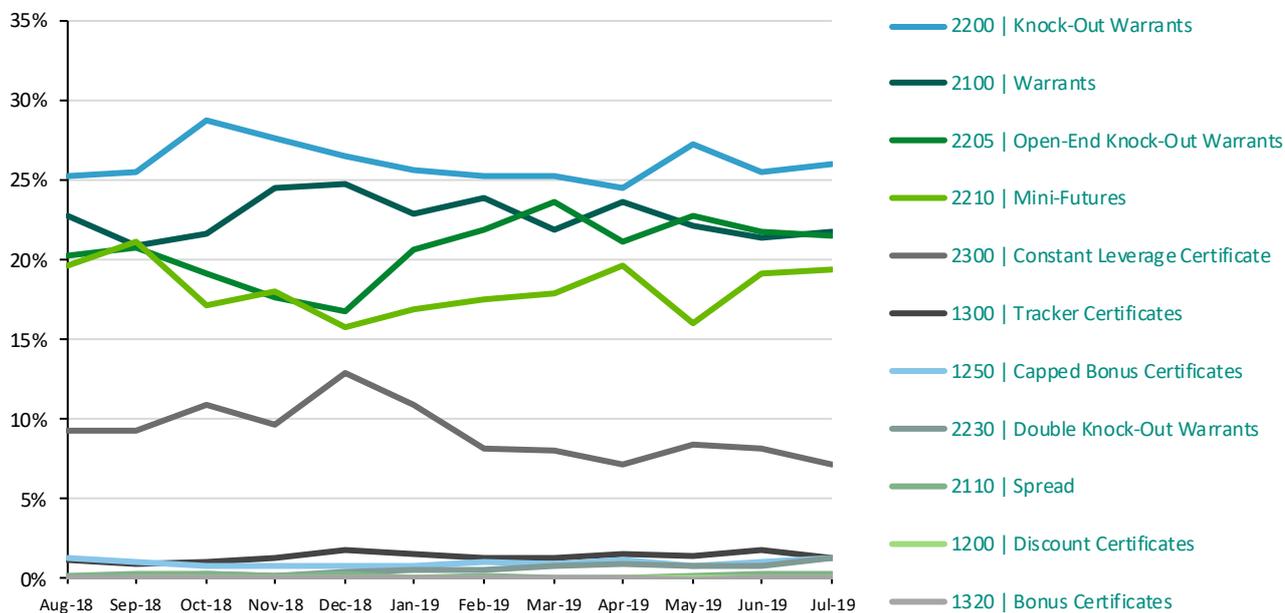
Market Trend: Value traded

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)

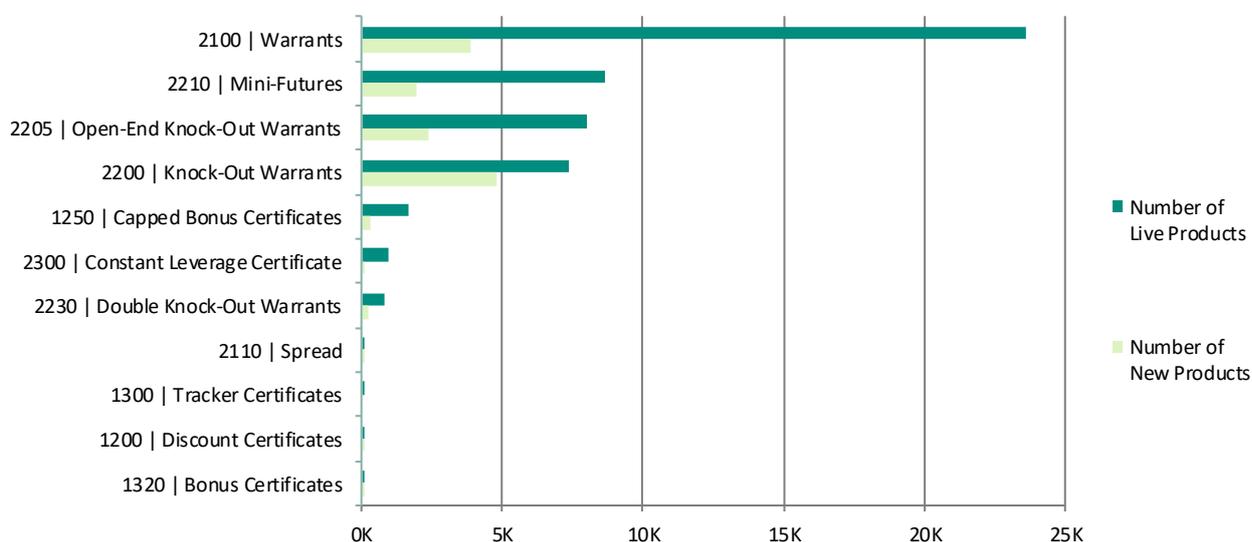
Product Overview

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	23,608	-5.6%	9.1%	46.0%	3,910	-34%	-6.0%	28.6%
2210 Mini-Futures	8,634	-2.1%	5.3%	16.8%	1,944	-19.0%	-11.4%	14.2%
2205 Open-End Knock-Out Warrants	7,987	0.3%	3.9%	15.6%	2,348	-11.7%	-2.9%	17.2%
2200 Knock-Out Warrants	7,398	-17.7%	5.2%	14.4%	4,812	-22%	-11.5%	35.2%
1250 Capped Bonus Certificates	1,698	-18.5%	0.3%	3.3%	347	49%	46%	2.5%
2300 Constant Leverage Certificate	924	1.4%	13.3%	1.8%	19	5.6%	-53%	0.1%
2230 Double Knock-Out Warrants	827	-9.8%	91%	1.6%	256	-13.8%	37%	1.9%
2110 Spread	103	-2.1%	-5.7%	0.2%	24	60%	42%	0.2%
1300 Tracker Certificates	90	-1.9%	-5.3%	0.2%	0		-100%	0.0%
1200 Discount Certificates	52	-25%	-17.3%	0.1%	15	-32%	102%	0.1%
1320 Bonus Certificates	24	-25%	-49%	0.0%	12		220%	0.1%
Total	51,345	-6.7%	7.4%	100%	13,687	-23.0%	-6.9%	100%

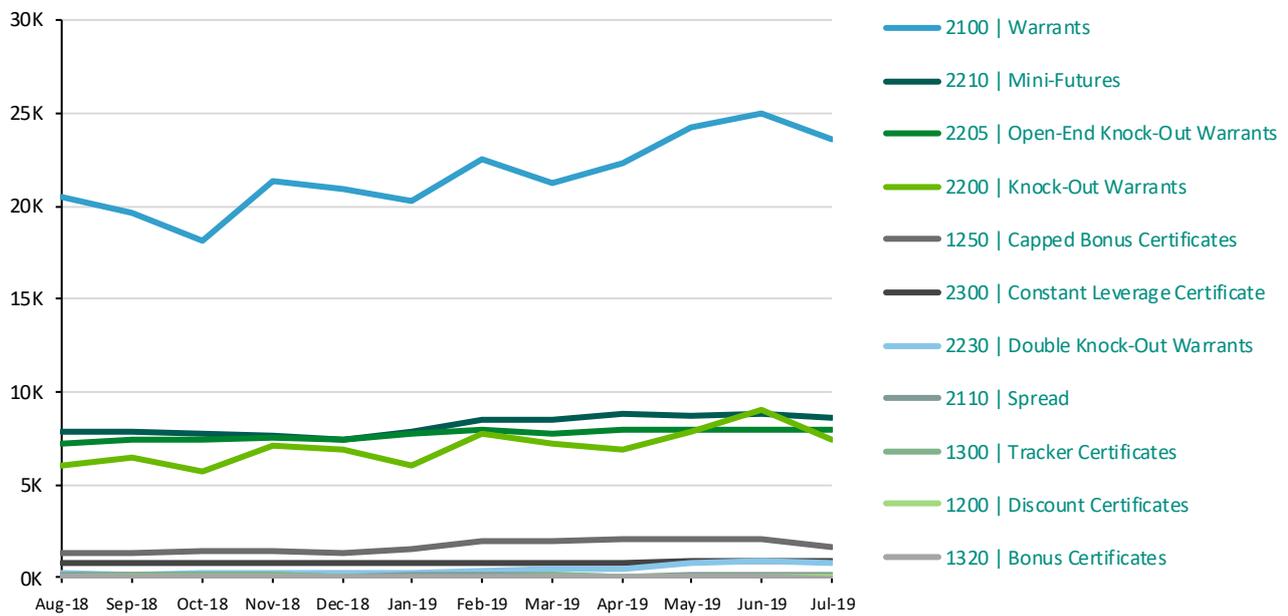
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

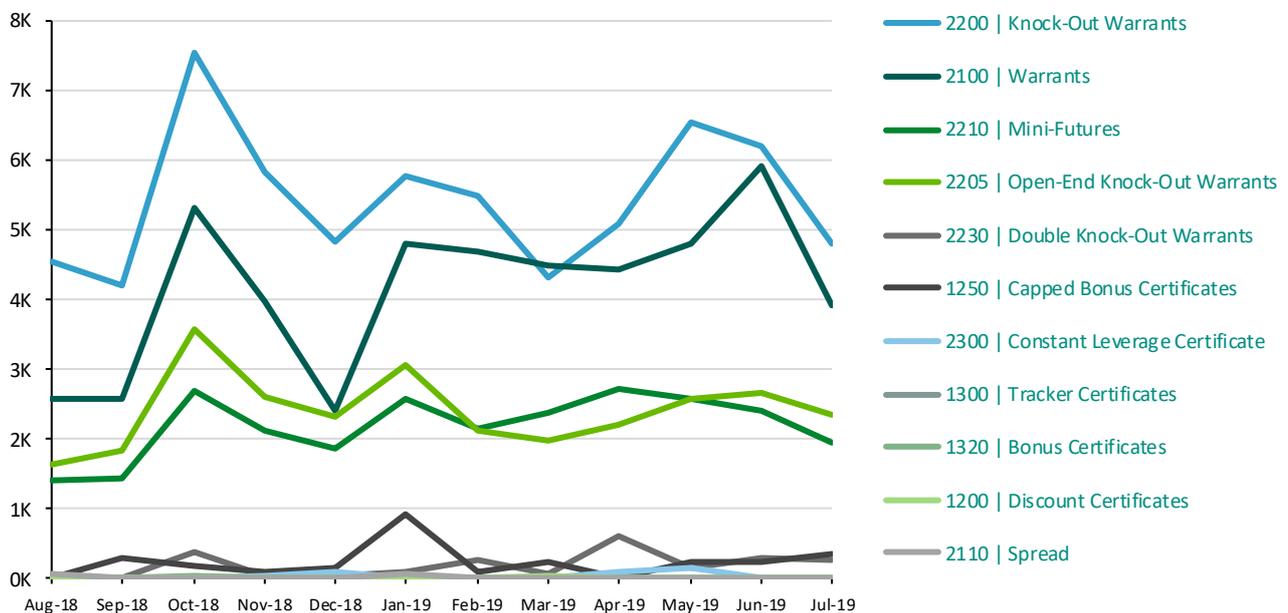
Product Trend: Number of Live Products

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

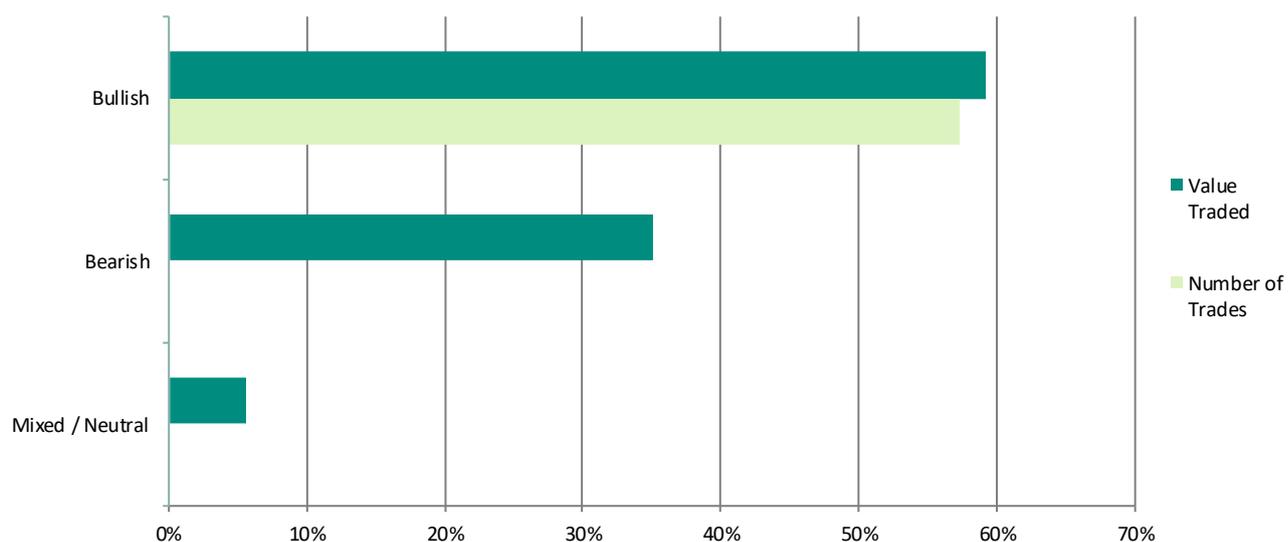
Market Overview

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	5,885	-29%	-28%	59.2%	2,327	-10.3%	-21.0%	57.3%
Bearish	3,496	1.2%	-15.1%	35.2%	0.0	-100%	-100%	0.0%
Mixed / Neutral	559	0.5%	50%	5.6%	0.0	-100%	-100%	0.0%
Total	9,940	-19.2%	-21.3%	100%	4,061	-7.7%	-15.2%	100%

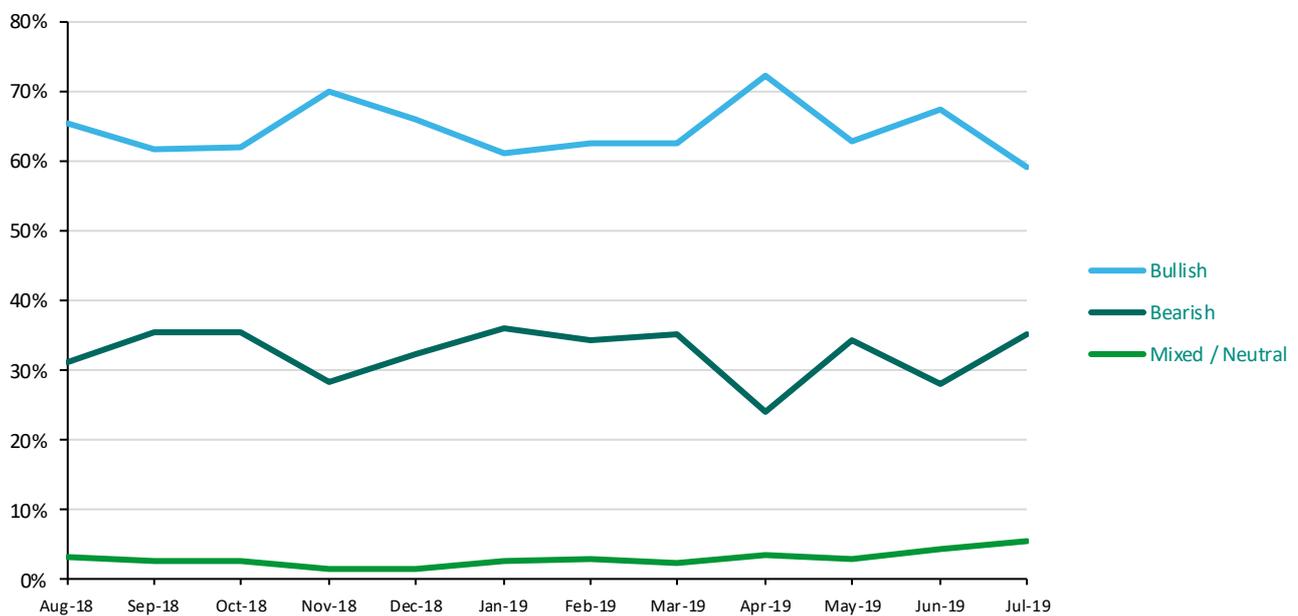
(Source Euronext)



PRODUCT STRATEGIES

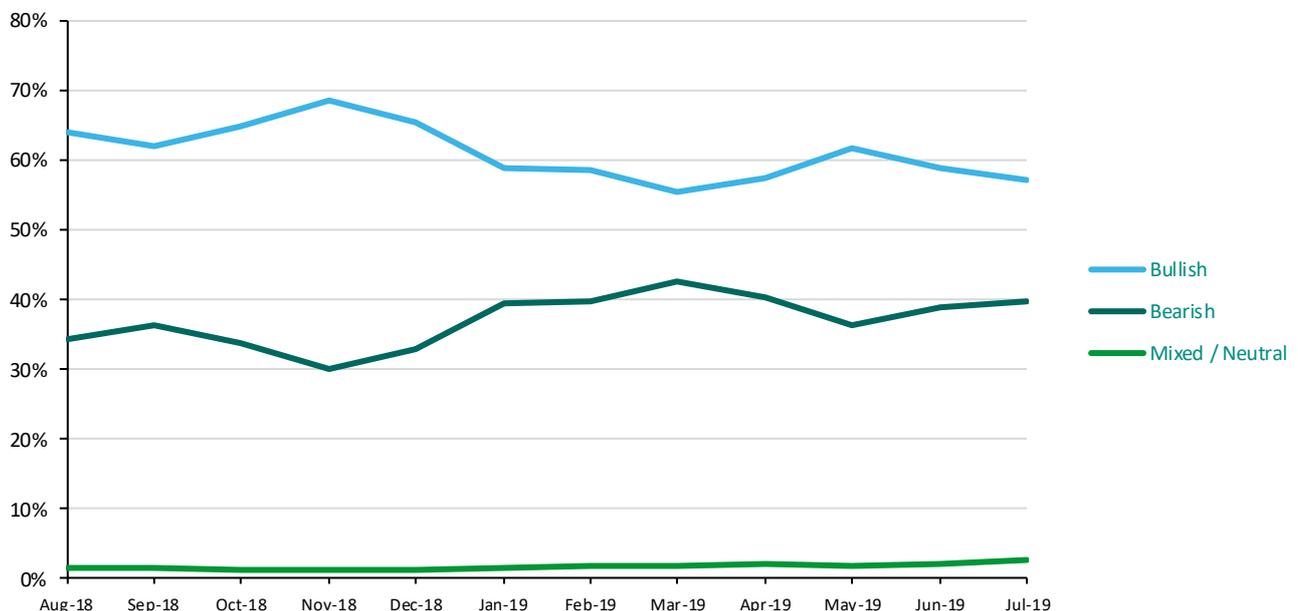
Market Trend: Value traded

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

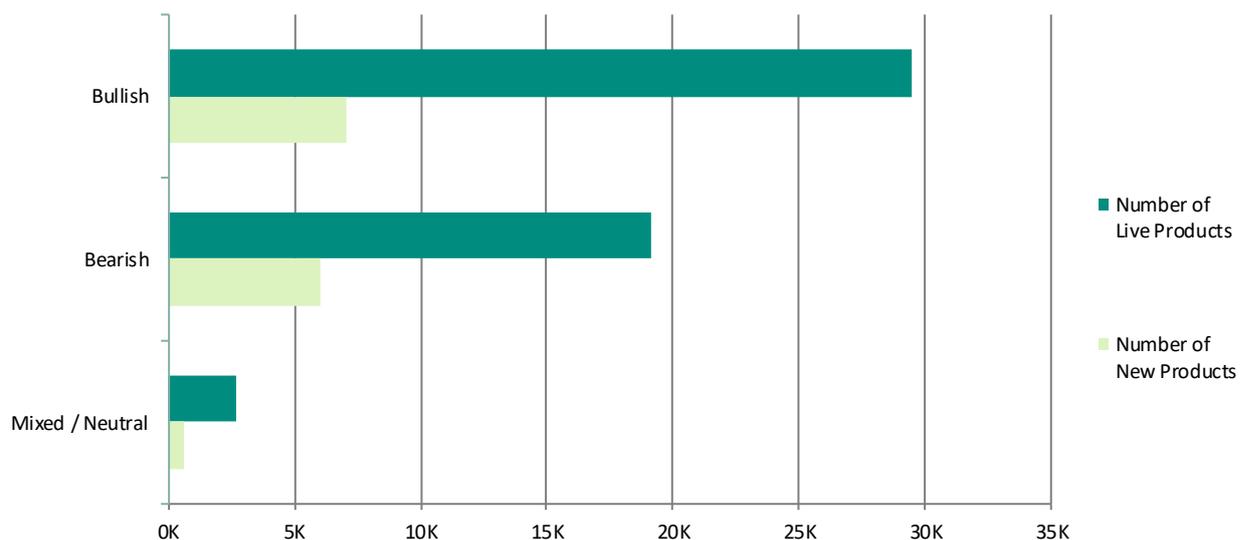
Product Overview

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	29,501	-2.5%	12.9%	57.5%	7,018	-28%	-9.3%	51.3%
Bearish	19,163	-11.1%	-1.1%	37.3%	6,027	-18.7%	-7.5%	44.0%
Mixed / Neutral	2,680	-15.6%	16.7%	5.2%	642	13.2%	43%	4.7%
Total	51,345	-6.7%	7.4%	100%	13,687	-23.0%	-6.9%	100%

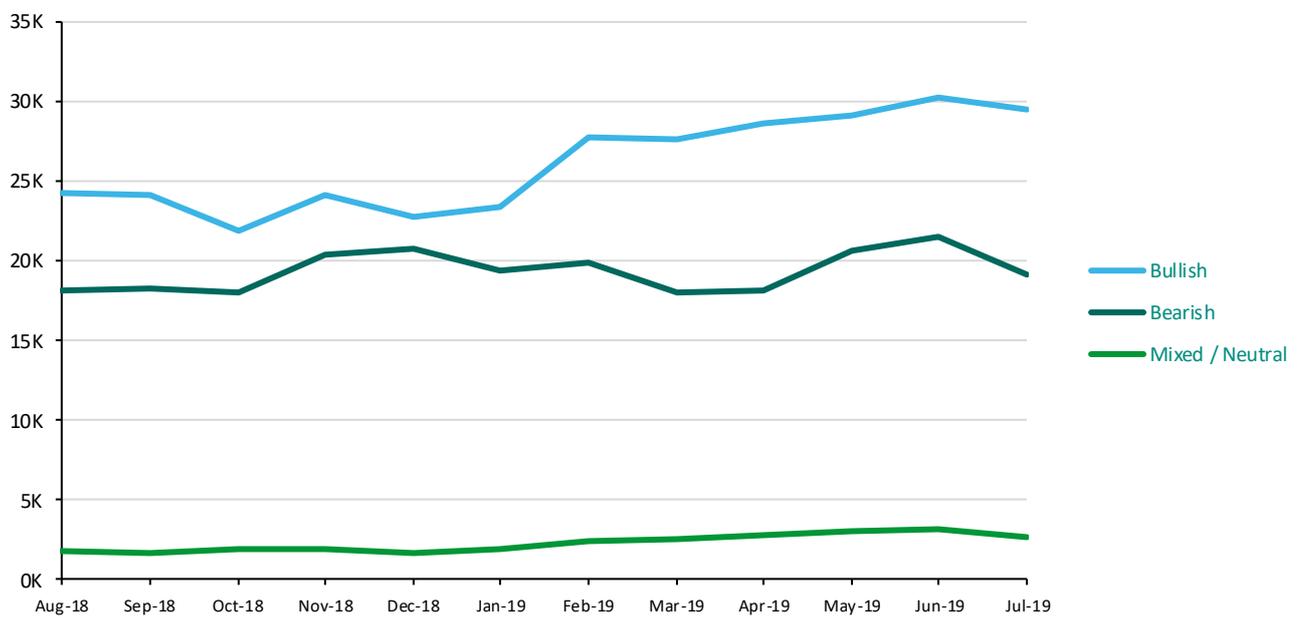
(Source Euronext)



PRODUCT STRATEGIES

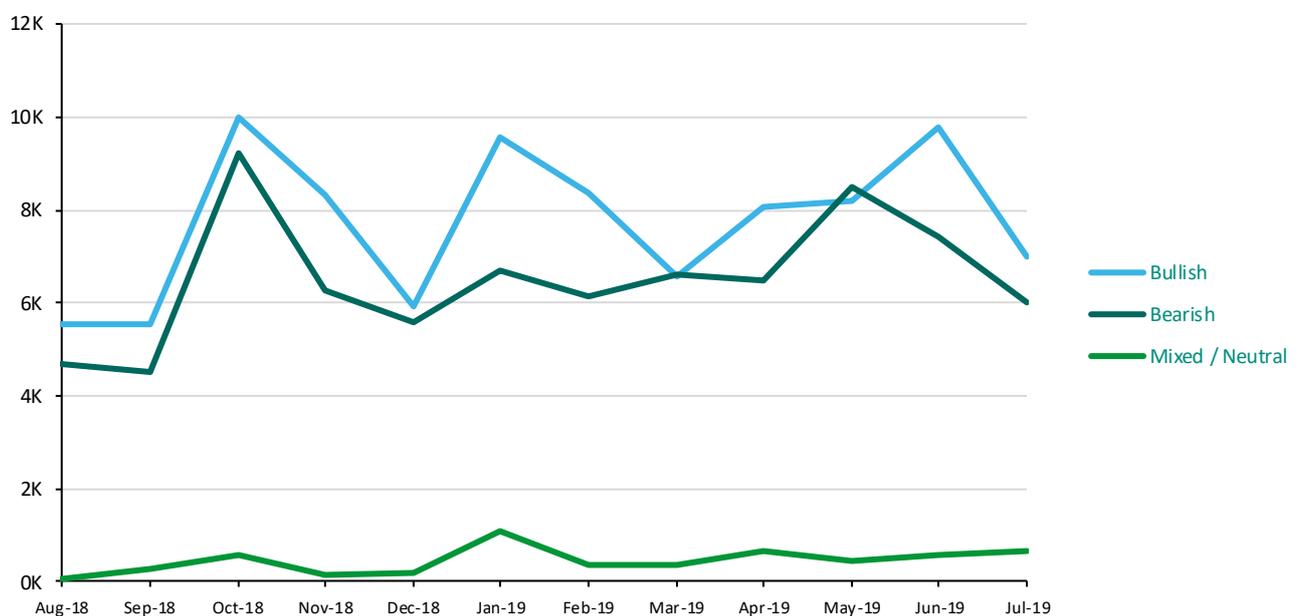
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

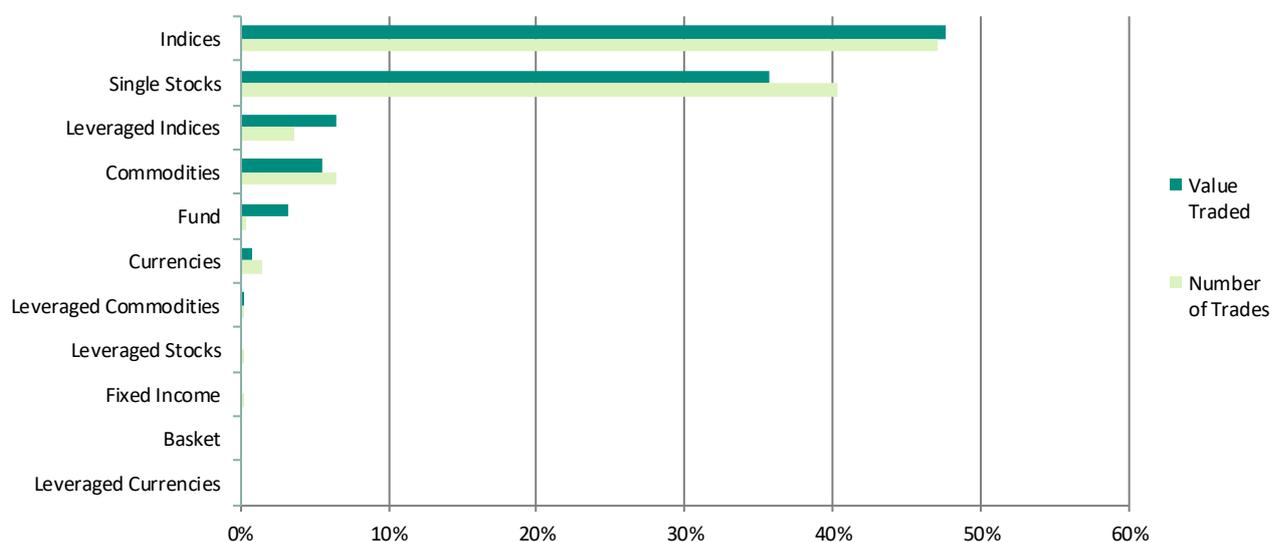
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	4,734	-6.9%	-19.5%	47.6%	1,912	-8.8%	-17.8%	47.1%
Single Stocks	3,554	0.2%	-7.5%	35.8%	1,636	-4.6%	-9.4%	40.3%
Leveraged Indices	648	-69%	-40%	6.5%	147	NA	950.5%	3.6%
Commodities	549	-29%	-46%	5.5%	264	28.7%	7.9%	6.5%
Fund	316	-54%	-52%	3.2%	15	-95.0%	-95.0%	0.4%
Currencies	82	74%	-12.1%	0.8%	57	39.0%	-5.8%	1.4%
Leveraged Commodities	20	3.3%	6.1%	0.2%	9.3	705.3%	-14.6%	0.2%
Leveraged Stocks	14	-19.9%	4.8%	0.1%	9.7	-20.2%	22.8%	0.2%
Fixed Income	13	-18.4%	26%	0.1%	8.9	-5.7%	0.7%	0.2%
Basket	10	83%	79%	0.1%	1.0	-85.9%	-85.9%	0.0%
Leveraged Currencies	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	9,940	-19.2%	-21%	100%	4,061	-7.7%	-15.2%	100%

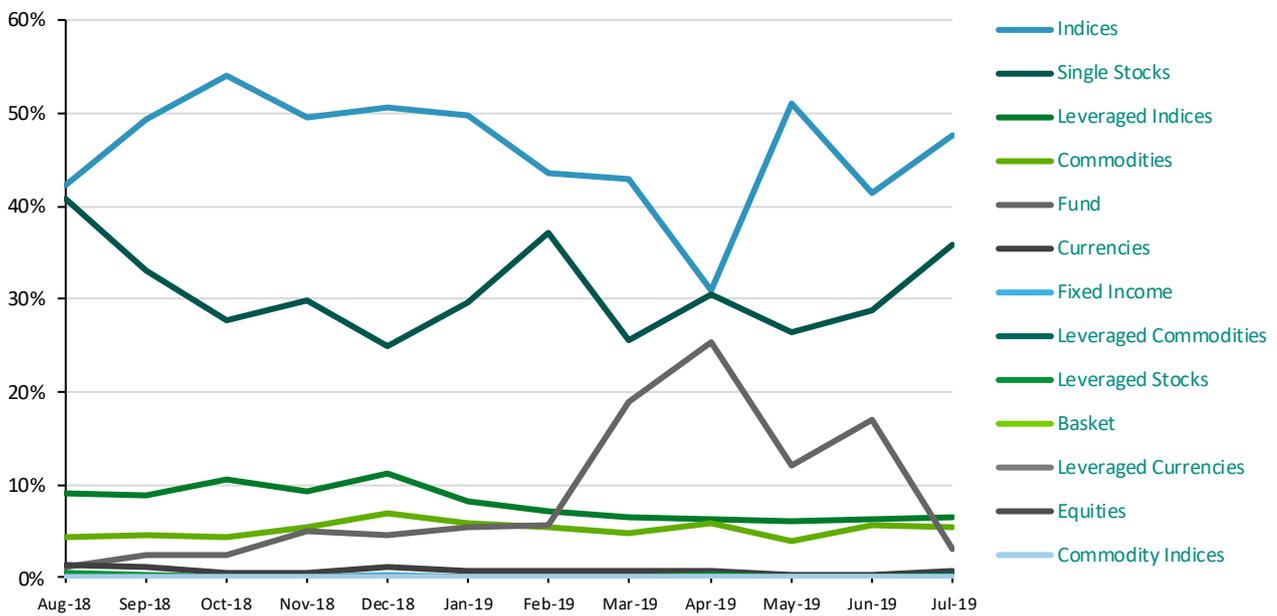
(Source Euronext)



UNDERLYING TYPES

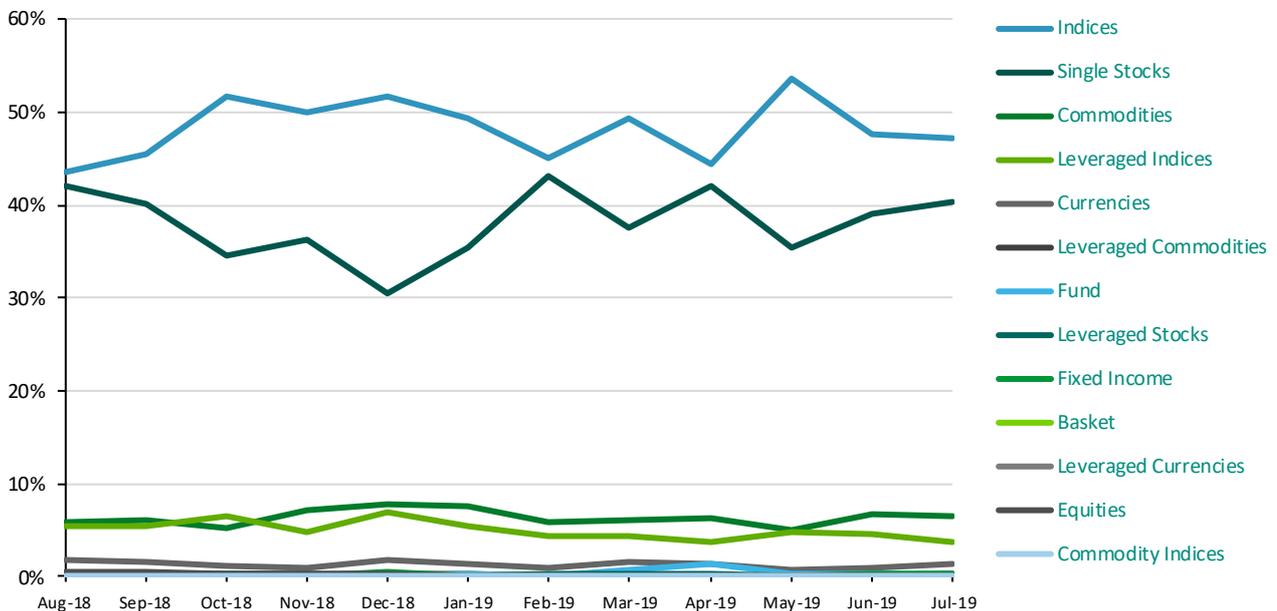
Market Trend: Value traded

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

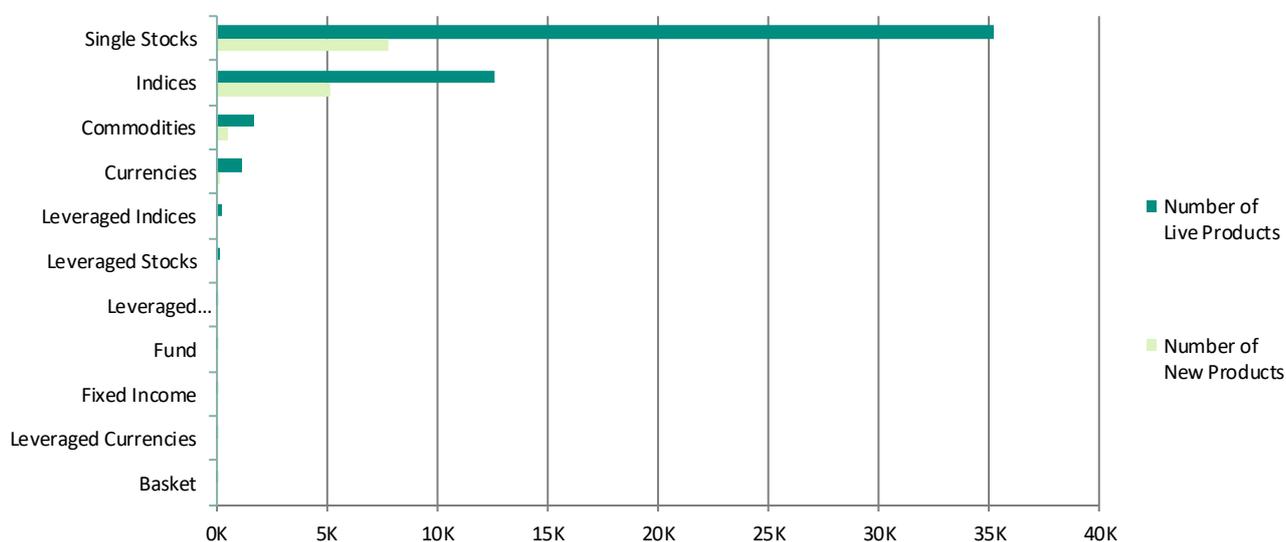
Product Overview

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	35,208	-6.7%	8.2%	68.6%	7,836	-27%	-7.9%	57.3%
Indices	12,587	-6.8%	8.1%	24.5%	5,151	-17.1%	-6.6%	37.6%
Commodities	1,700	-4.6%	-2.3%	3.3%	519	-19.2%	15.3%	3.8%
Currencies	1,182	-10.7%	-1.9%	2.3%	162	-28%	-18.3%	1.2%
Leveraged Indices	252	3.9%	-3.2%	0.5%	15		114%	0.1%
Leveraged Stocks	155	-0.5%	17.3%	0.3%	0		-100%	0.0%
Leveraged Commodities	93	-1.1%	32%	0.2%	0		-100%	0.0%
Fund	90	6.5%	13.1%	0.2%	1		-43%	0.0%
Fixed Income	64	-3.3%	-8.8%	0.1%	3	-25%	-27%	0.0%
Leveraged Currencies	8	0.0%	0.0%	0.0%	0			0.0%
Basket	5	1.0%	5.7%	0.0%	0			0.0%
Total	51,345	-6.7%	7.4%	100%	13,687	-23%	-6.9%	100%

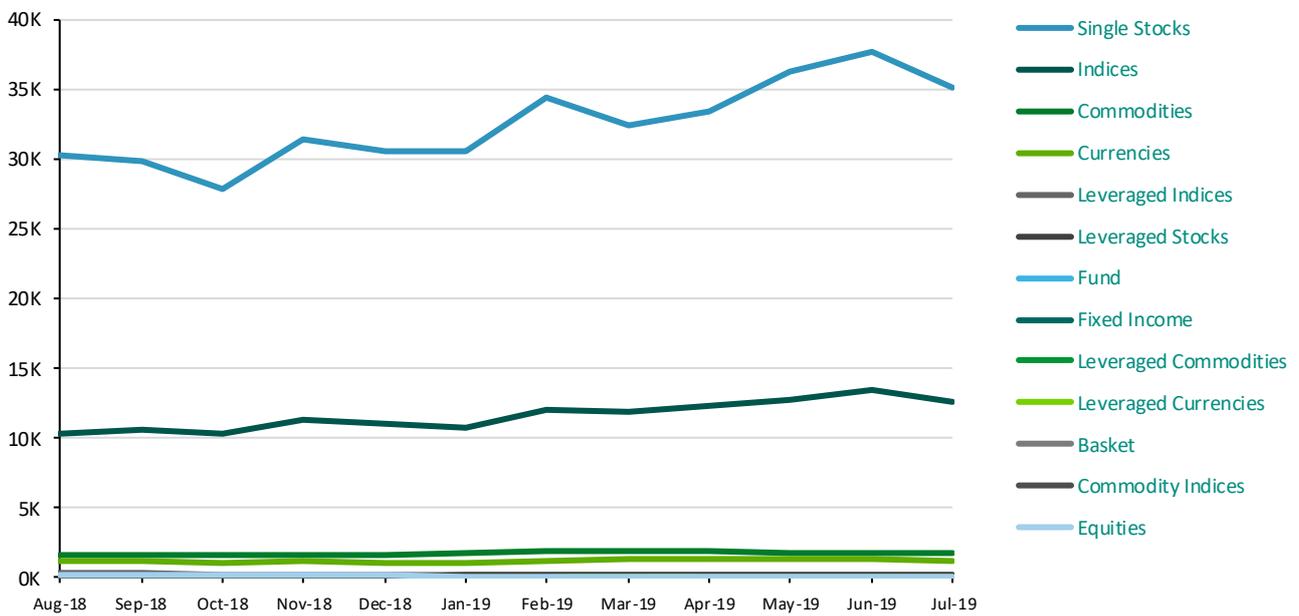
(Source Euronext)



UNDERLYING TYPES

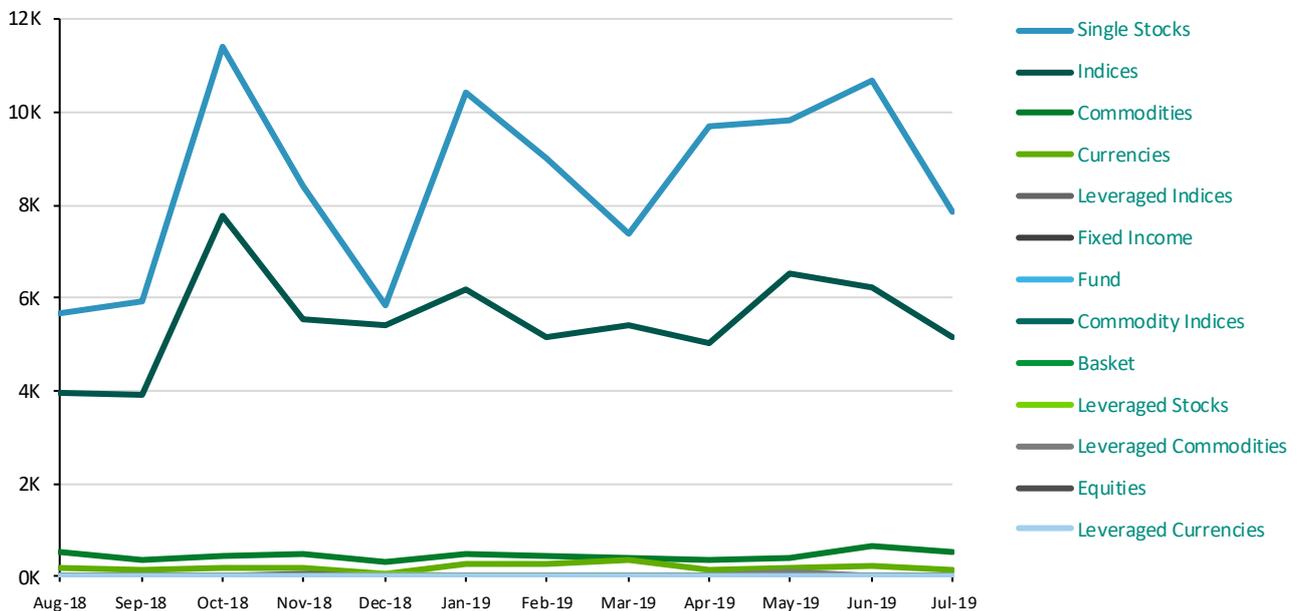
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

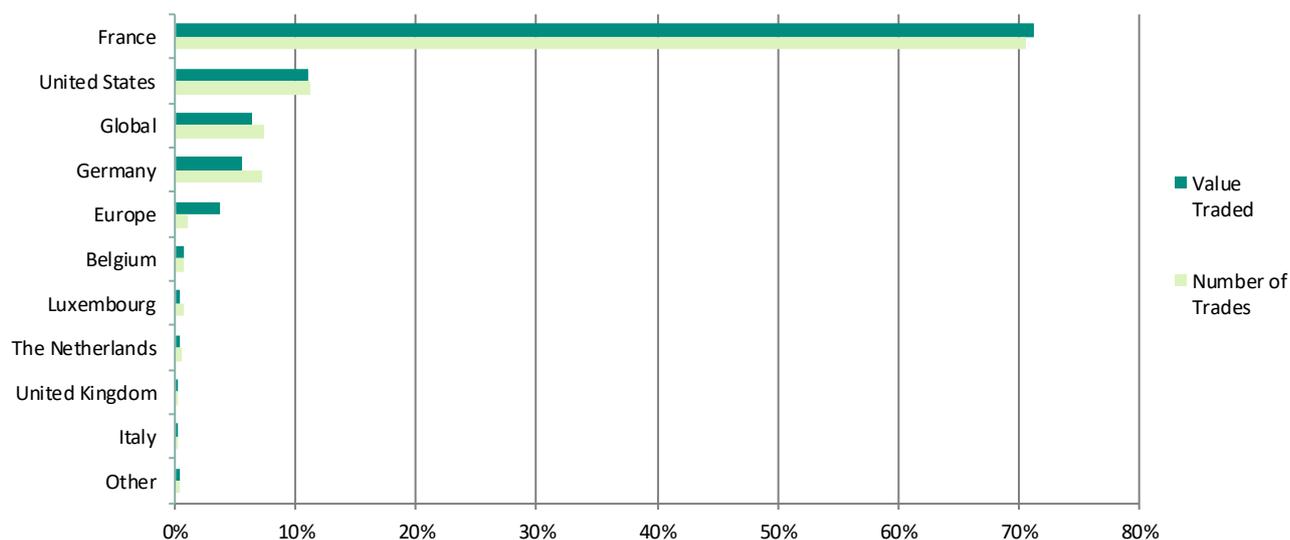
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	7,088	-0.4%	-10.4%	71.3%	2,866	-6.0%	-14.6%	70.6%
United States	1,102	-48%	-35%	11.1%	457	NA	-15.9%	11.3%
Global	626	-54%	-45%	6.3%	296	-41%	709%	7.3%
Germany	548	-29%	-42%	5.5%	294	-12.3%	-27%	7.2%
Europe	372	-47%	-49%	3.7%	40	-89%	-88%	1.0%
Belgium	70	33%	33%	0.7%	30	-27%	-17.0%	0.7%
Luxembourg	41	-3.5%	-16.0%	0.4%	31	409%	116%	0.8%
The Netherlands	27	-27%	-40%	0.3%	22	-15.1%	-2.7%	0.5%
United Kingdom	17	-32%	-27%	0.2%	7.2	-52%	-1.8%	0.2%
Italy	13	-1.9%	-36%	0.1%	3.4	-39%	-65%	0.1%
Other	36	10.7%	9.4%	0.4%	14		-27%	0.4%
Total	9,940	-19.2%	-21.3%	100%	4,061	-7.7%	-15.2%	100%

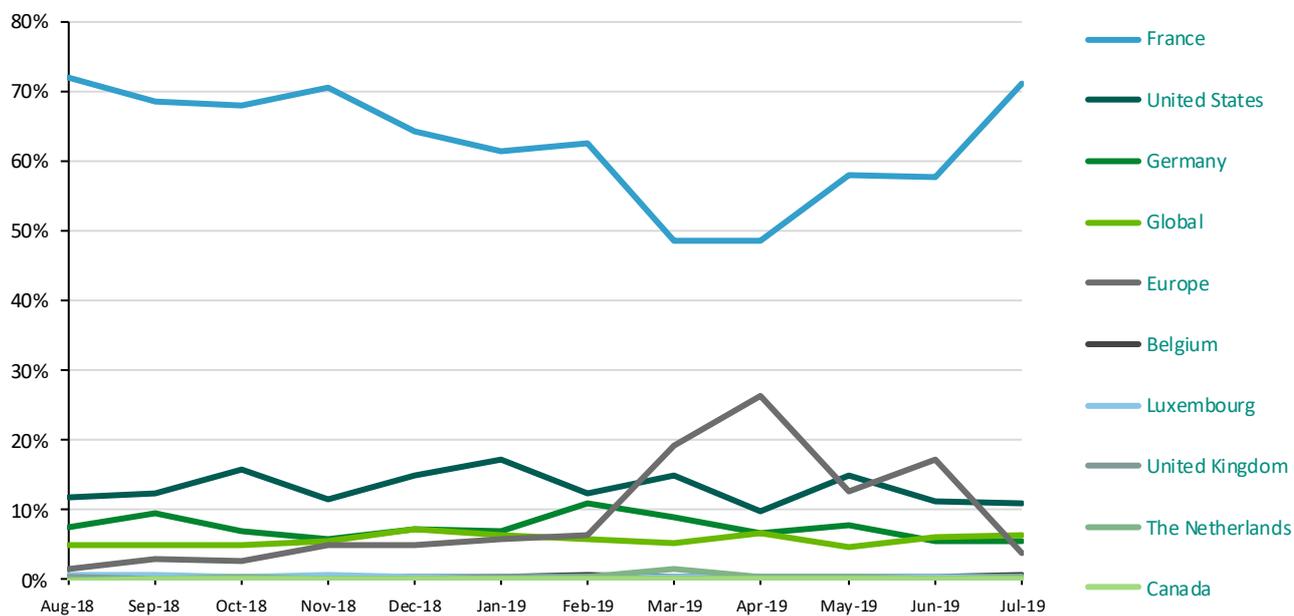
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

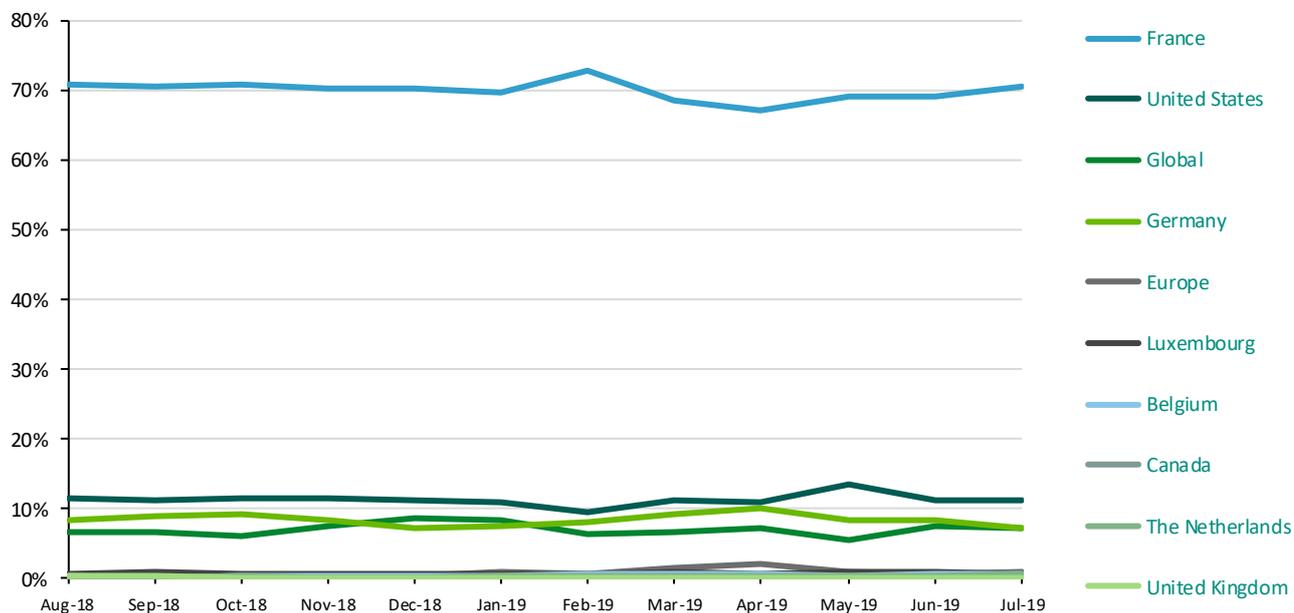
Market Trend: Value traded

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

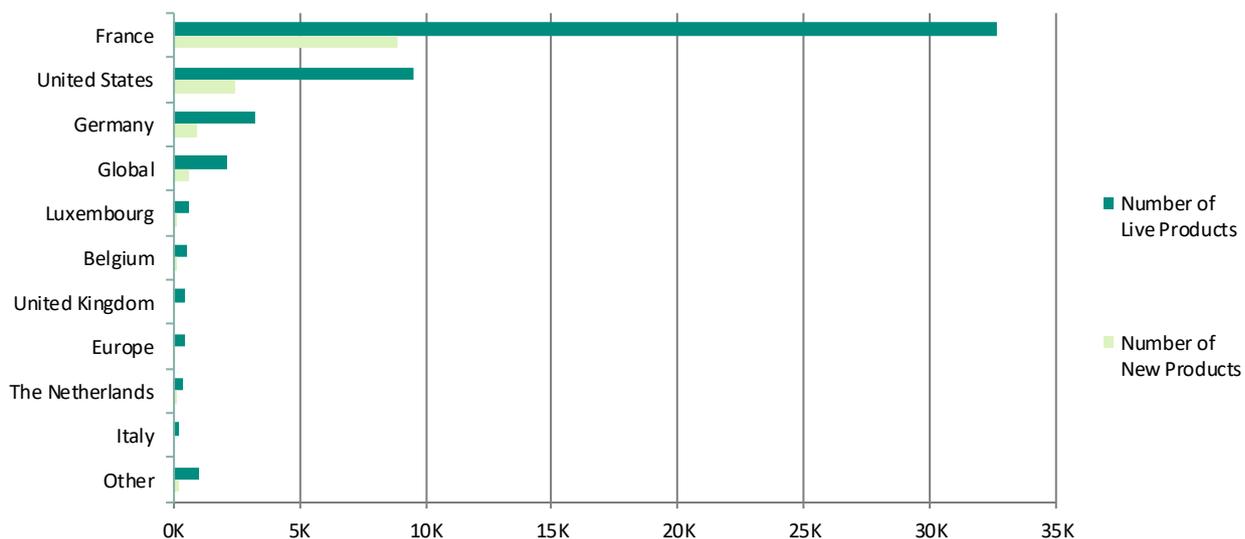
Product Overview

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	32,659	-7.7%	4.4%	63.6%	8,864	-21%	-8.7%	64.8%
United States	9,520	-6.5%	23%	18.5%	2,458	-29%	-3.1%	18.0%
Germany	3,226	-3.1%	10.3%	6.3%	969	-34%	-11.1%	7.1%
Global	2,139	-2.9%	4.0%	4.2%	611	-16.0%	21%	4.5%
Luxembourg	609	-10.4%	-23%	1.2%	145	-41%	-34%	1.1%
Belgium	536	0.6%	28%	1.0%	149	10.4%	31%	1.1%
United Kingdom	492	-7.9%	10.2%	1.0%	53	-51%	-43%	0.4%
Europe	489	-13.3%	-13.6%	1.0%	56	-29%	-47%	0.4%
The Netherlands	380	4.6%	17.7%	0.7%	147	3.5%	54%	1.1%
Italy	251	-2.6%	-24%	0.5%	33	-15.4%	-14.3%	0.2%
Other	1,044	5.4%	9.3%	2.0%	202	25%	4.7%	1.5%
Total	51,345	-6.7%	7.4%	100%	13,687	-23.0%	-6.9%	100%

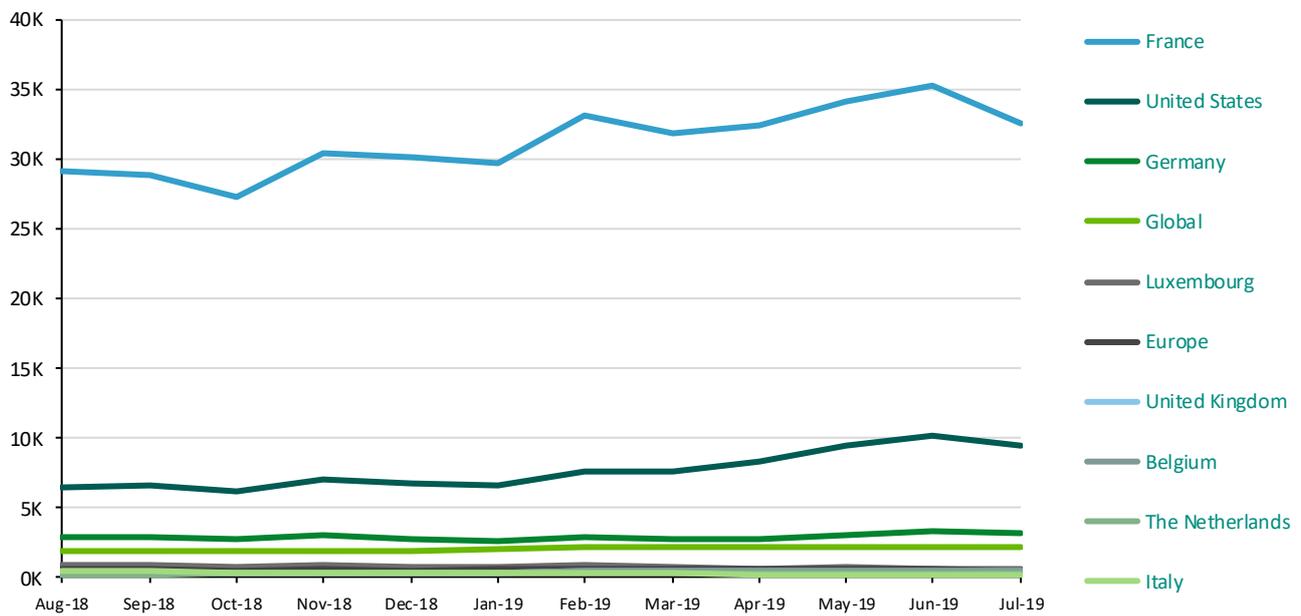
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

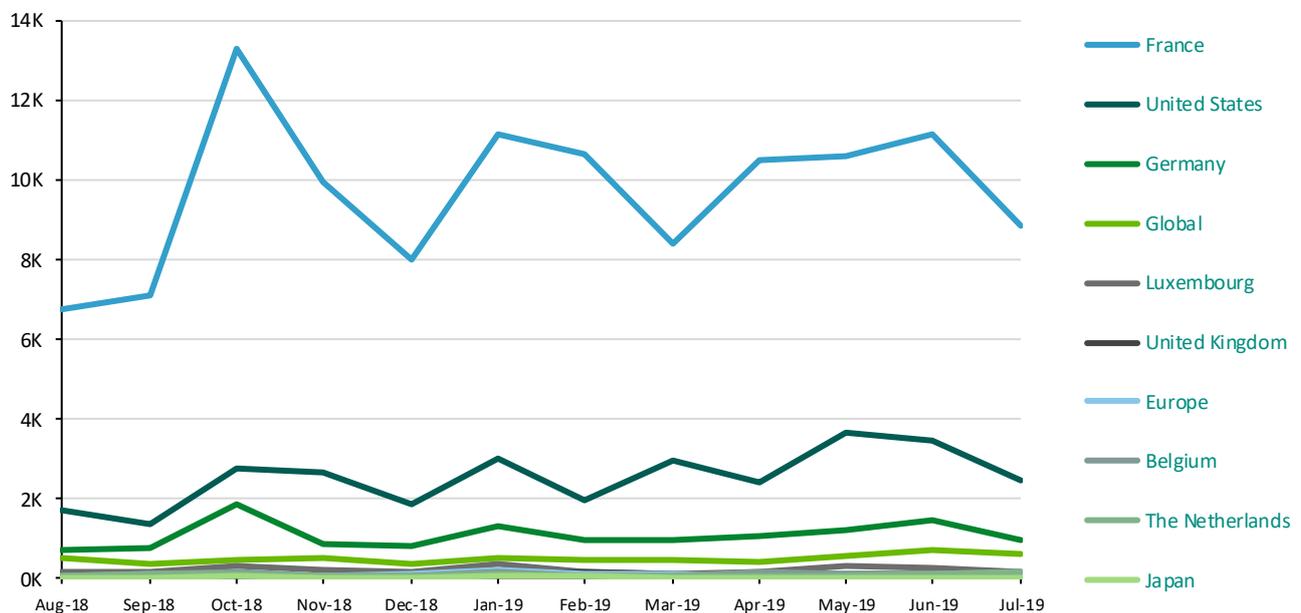
Product Trend: Number of Live Products

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

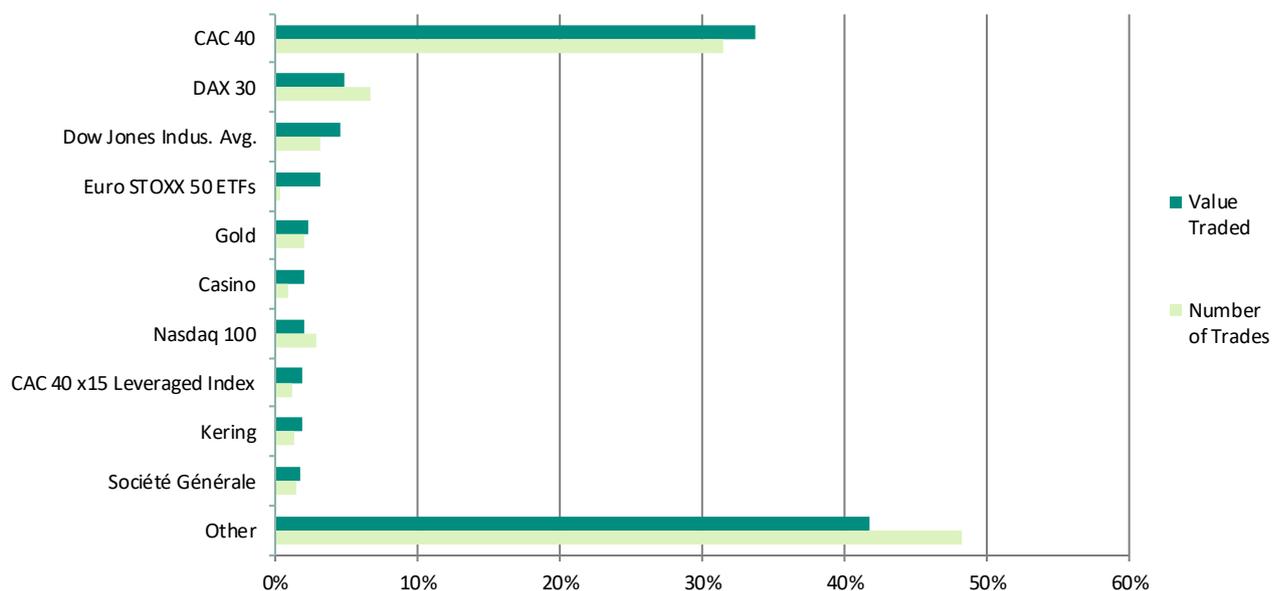
Market Overview

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	3,350	0.9%	-7.5%	33.7%	1,280	-6.5%	-16.5%	31.5%
DAX 30	483	-77%	-55%	4.9%	270	NA	NA	6.7%
Dow Jones Indus. Avg.	458	-27%	-47%	4.6%	131	-61%	-65%	3.2%
Euro STOXX 50 ETFs	314	-48%	-44%	3.2%	15	-90%	-91%	0.4%
Gold	229	-26%	-45%	2.3%	83	-44%	-44%	2.0%
Casino	204	-22%	-27%	2.1%	37	-59%	-47%	0.9%
Nasdaq 100	197	-25%	-2.4%	2.0%	120	92%	122%	2.9%
CAC 40 x15 Leveraged Index	186	-27%	-4.9%	1.9%	47	-55%	-35%	1.2%
Kering	181	-9.0%	-6.5%	1.8%	56	23%	-35%	1.4%
Société Générale	177	9.3%	-8.4%	1.8%	61	11.8%	15.9%	1.5%
Other	4,160	-1.0%	-17.3%	41.9%	1,962			48.3%
Total	9,940	-19.2%	-21.3%	100%	4,061	-7.7%	-15.2%	100%

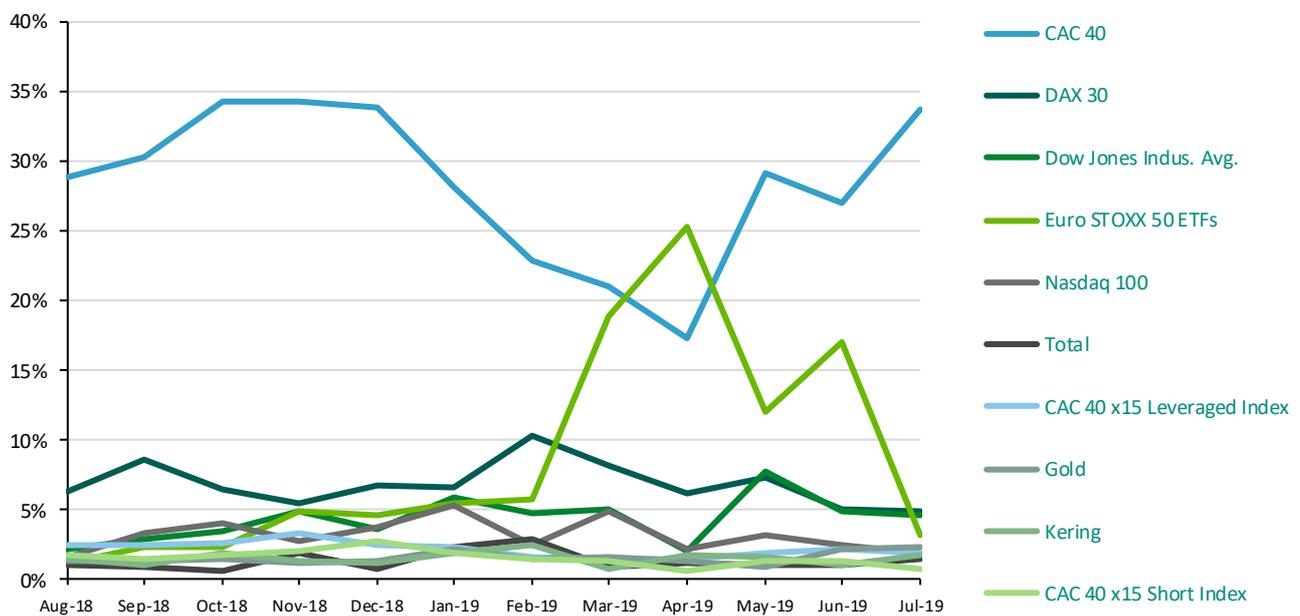
(Source Euronext)



TOP 10 UNDERLYINGS

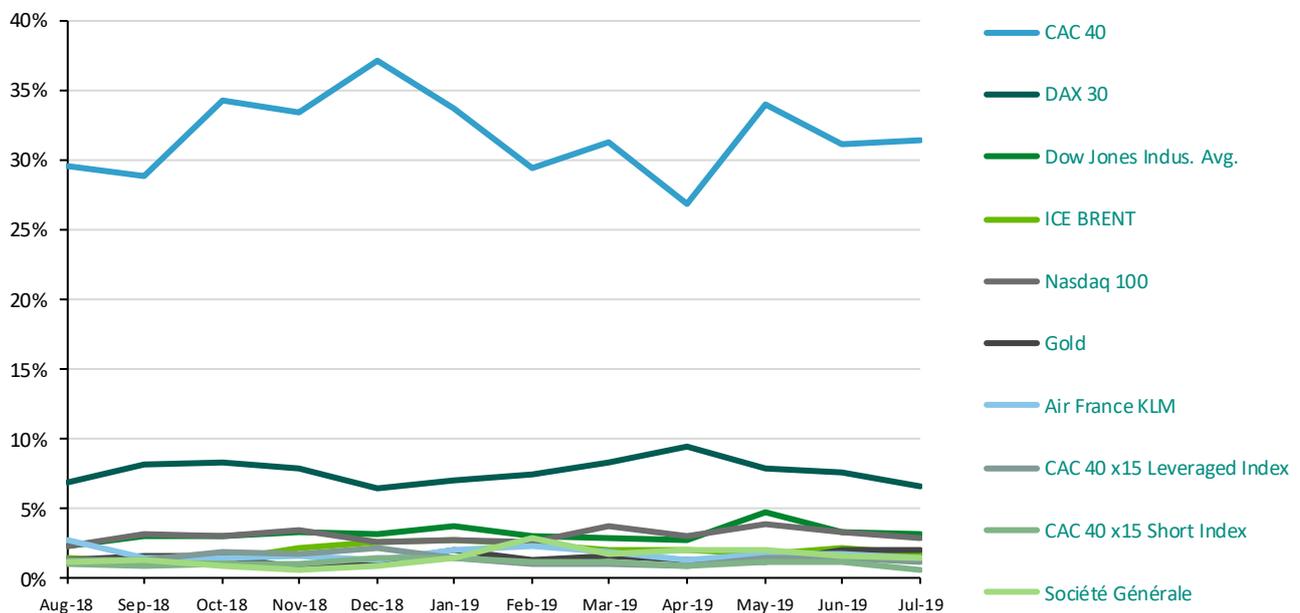
Market Trend: Value traded

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

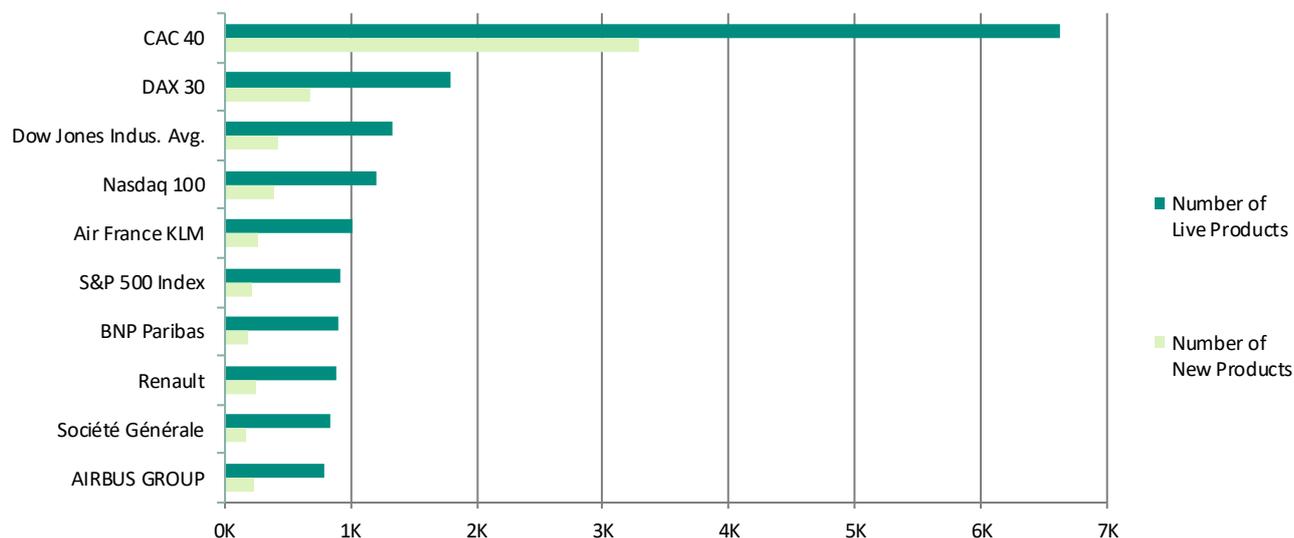
Product Overview

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	6,625	-5.2%	4.4%	12.9%	3,293	-4.0%	-2.1%	24.1%
DAX 30	1,790	-8.5%	5.7%	3.5%	681	-30%	-15.0%	5.0%
Dow Jones Indus. Avg.	1,330	-8.5%	21%	2.6%	432	-36%	-13.4%	3.2%
Nasdaq 100	1,207	-6.5%	26%	2.4%	391	-37%	-10.9%	2.9%
Air France KLM	1,014	-11.2%	5.8%	2.0%	264	-18.0%	-28%	1.9%
S&P 500 Index	912	-9.0%	15.2%	1.8%	221	-39%	-16.2%	1.6%
BNP Paribas	909	-12.6%	-1.8%	1.8%	189	-36%	-26%	1.4%
Renault	880	-9.7%	2.1%	1.7%	243	-39%	-14.7%	1.8%
Société Générale	832	-9.1%	-5.1%	1.6%	170	-32%	-23%	1.2%
AIRBUS GROUP	798	-8.2%	9.6%	1.6%	234	-4.1%	4.7%	1.7%
Other	35,047	-6.2%	7.6%	68.3%	7,569	-26%	-5.2%	55.3%
Total	51,345	-6.7%	7.4%	100%	13,687	-23.0%	-6.9%	100%

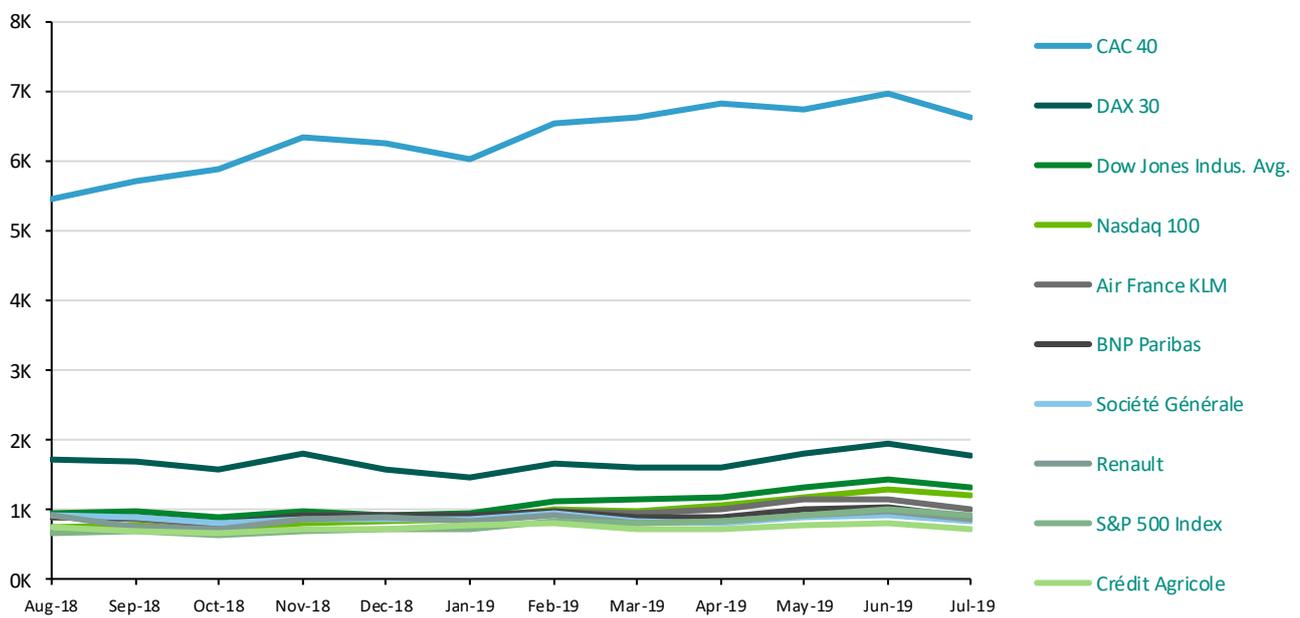
(Source Euronext)



TOP 10 UNDERLYINGS

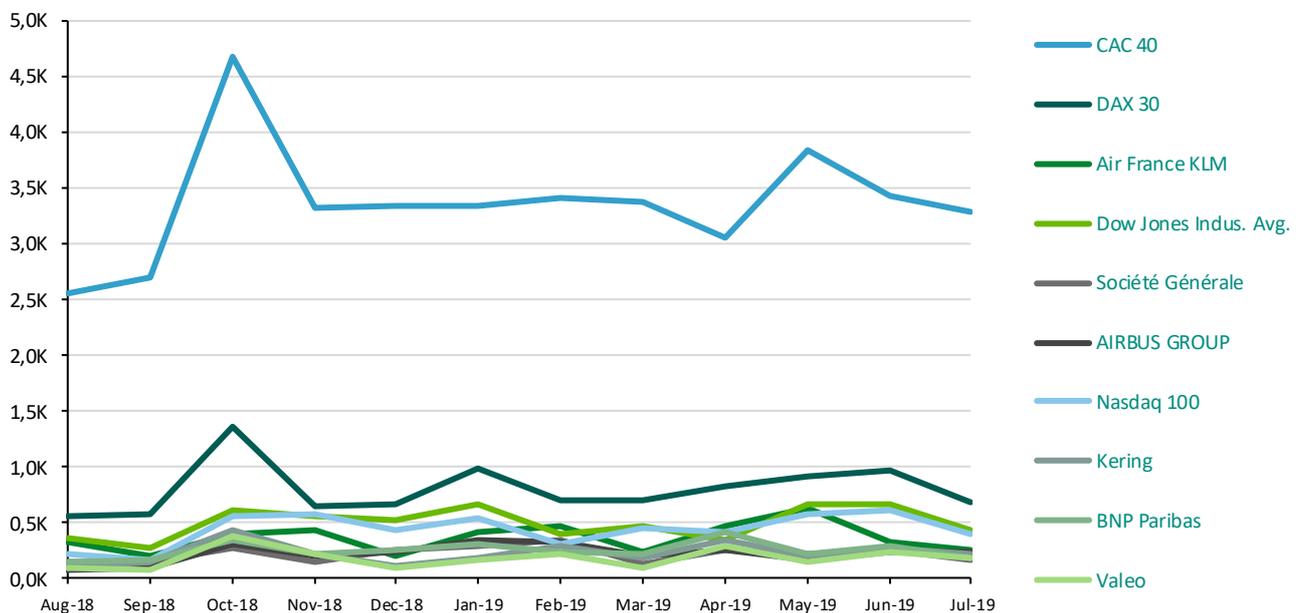
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

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

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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



ABOUT THE INDEX

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

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

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

Find out more

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

commodities@euronext.com

Business Development: +33 1 70 48 28 48

Product Development: +33 1 70 48 28 49

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

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