



warrants and certificates

Activity report

Issue 99
October 2019

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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 31/10/2019)	24,702	766	1,572	48,801	75,840
New Products	8,059	209	312	15,272	23,852
New Products YTD	63,606	2,001	3,949	155,288	224,844
Value Traded (in €m)	428.4	15.4	124.2	281.2	849.1
Value Traded YTD (in €m)	3,946.6	130.2	1,091.5	2,671.8	7,840.1
Value Traded ADV (in €m)	18.6	0.7	5.4	12.2	36.9
Value Traded YTD ADV (in €m)	18.4	0.6	5.1	12.5	36.6
Number of Trades	159,168	5,303	10,714	117,454	292,639
Number of Trades YTD	1,588,058	45,594	93,012	1,021,686	2,748,350
Number of Trades ADV	6,920	231	466	5,107	12,723
Number of Trades YTD ADV	7,421	213	435	4,774	12,843

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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

ABOUT THE INDEX

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

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

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

Find out more

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

commodities@euronext.com

Business Development: +33 1 70 48 28 48

Product Development: +33 1 70 48 28 49

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



Euronext Markets

ISSUERS

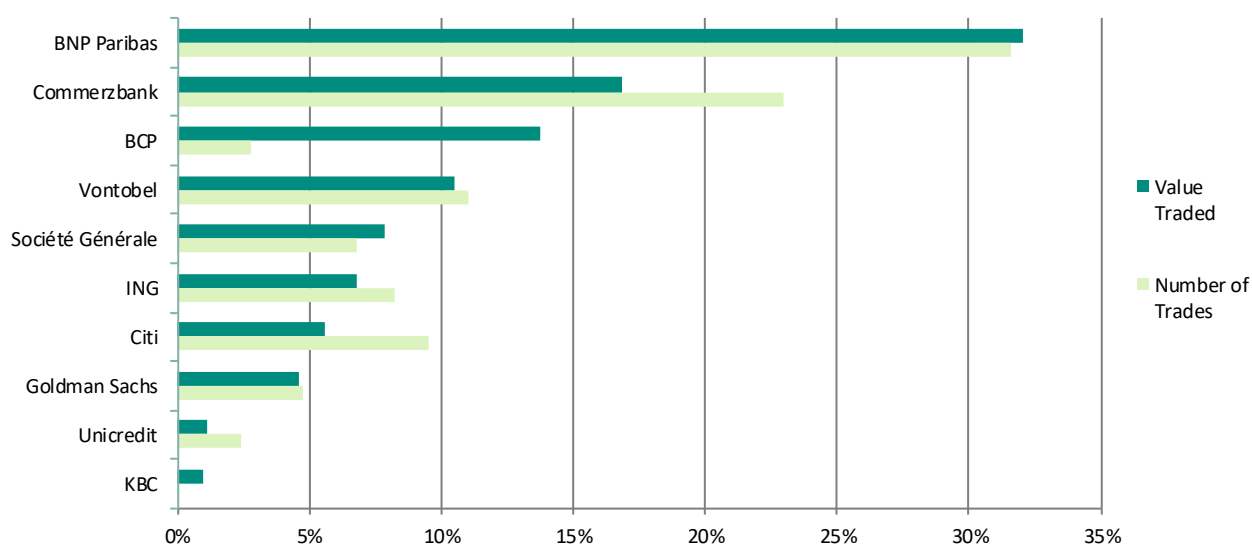
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	11,836	10.9%	2.8%	32.1%	4,017	8.9%	18.0%	31.6%
Commerzbank	6,205	-7.1%	1.9%	16.8%	2,918	-1.5%	2.6%	22.9%
BCP	5,073	-7.2%	28%	13.7%	358	25.5%	34.1%	2.8%
Vontobel	3,873	33%	44%	10.5%	1,398	69.0%	54.4%	11.0%
Société Générale	2,904	0.7%	10.7%	7.9%	864	-23.8%	-9.6%	6.8%
ING	2,511	-1.2%	-3.4%	6.8%	1,050	27.4%	13.5%	8.3%
Citi	2,067	-7.3%	-4.2%	5.6%	1,206	-4.7%	-1.9%	9.5%
Goldman Sachs	1,683	-7.7%	-12.2%	4.6%	601	-50.1%	-46.8%	4.7%
Unicredit	421	-50%	21%	1.1%	309	NA	37.4%	2.4%
KBC	345	-34%	103%	0.9%	3.0	-99.0%	154.3%	0.0%
Total	36,919	0.9%	8.3%	100%	12,723	1.7%	7.0%	100%

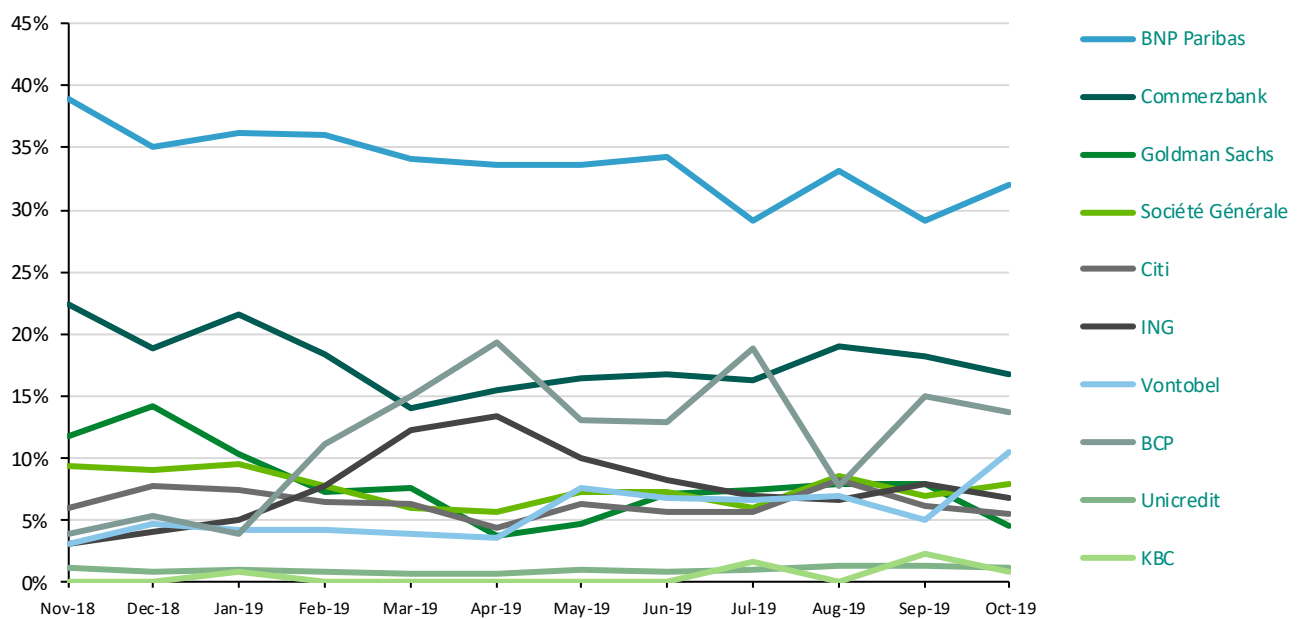
(Source Euronext)



ISSUERS

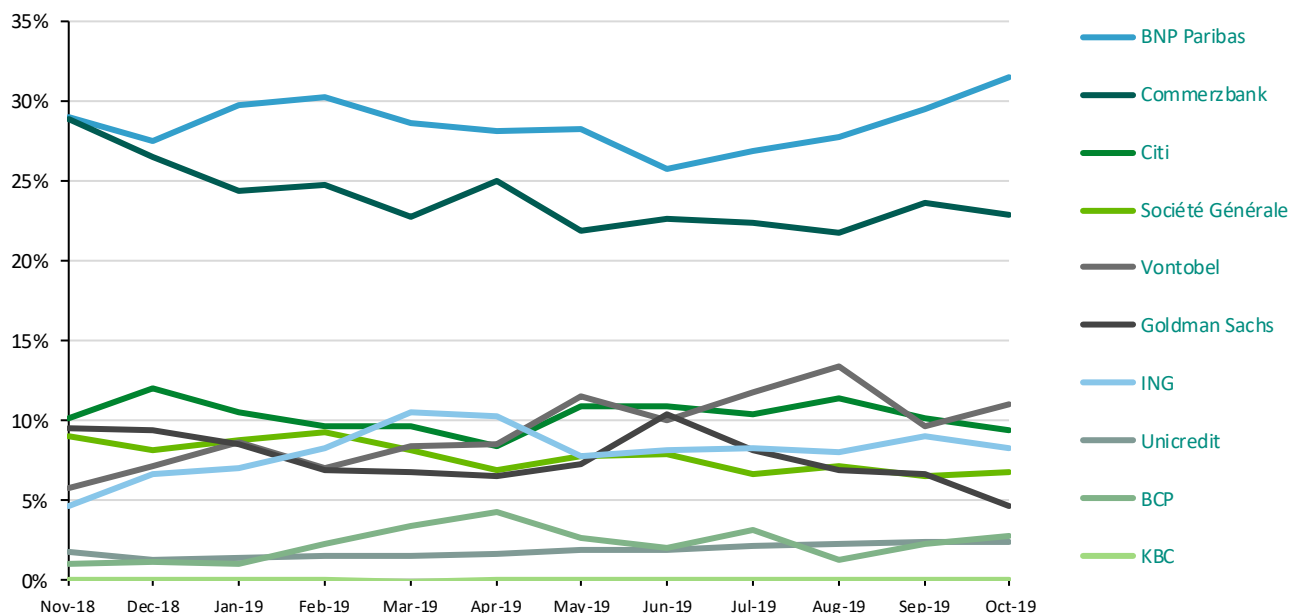
Market Trend: Value traded

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

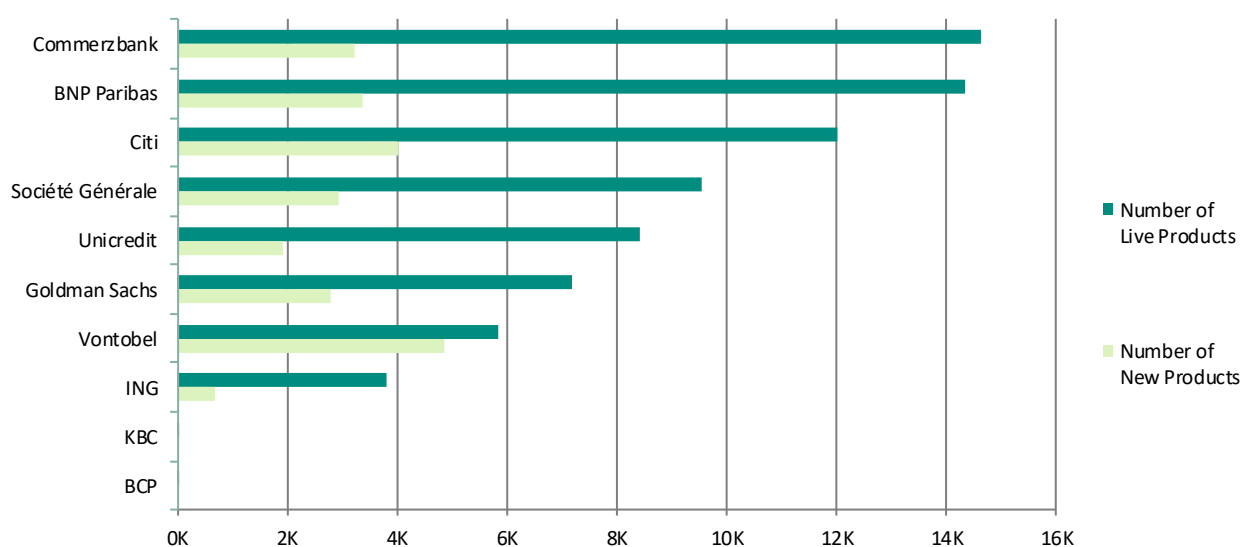
Product Overview

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	14,636	-6.2%	-4.9%	19.3%	3,229	9.7%	-3.8%	13.5%
BNP Paribas	14,340	-5.7%	5.8%	18.9%	3,370	-14.0%	-7.4%	14.1%
Citi	12,040	-5.5%	-0.5%	15.9%	4,029	27%	9.0%	16.9%
Société Générale	9,536	-1.0%	-7.0%	12.6%	2,946	-3.8%	-14.0%	12.4%
Unicredit	8,416	-6.9%	1.1%	11.1%	1,935	26%	-12.5%	8.1%
Goldman Sachs	7,185	-1.6%	26%	9.5%	2,781	6.5%	34%	11.7%
Vontobel	5,834	3.1%	0.2%	7.7%	4,861	85%	55%	20.4%
ING	3,801	1.5%	17.5%	5.0%	697	-2.5%	52%	2.9%
KBC	30	7.0%	16.2%	0.0%	4	33%	140%	0.0%
BCP	22	0.0%	0.3%	0.0%	0			0.0%
Total	75,840	-4.0%	1.9%	100%	23,852	15.9%	8.3%	100%

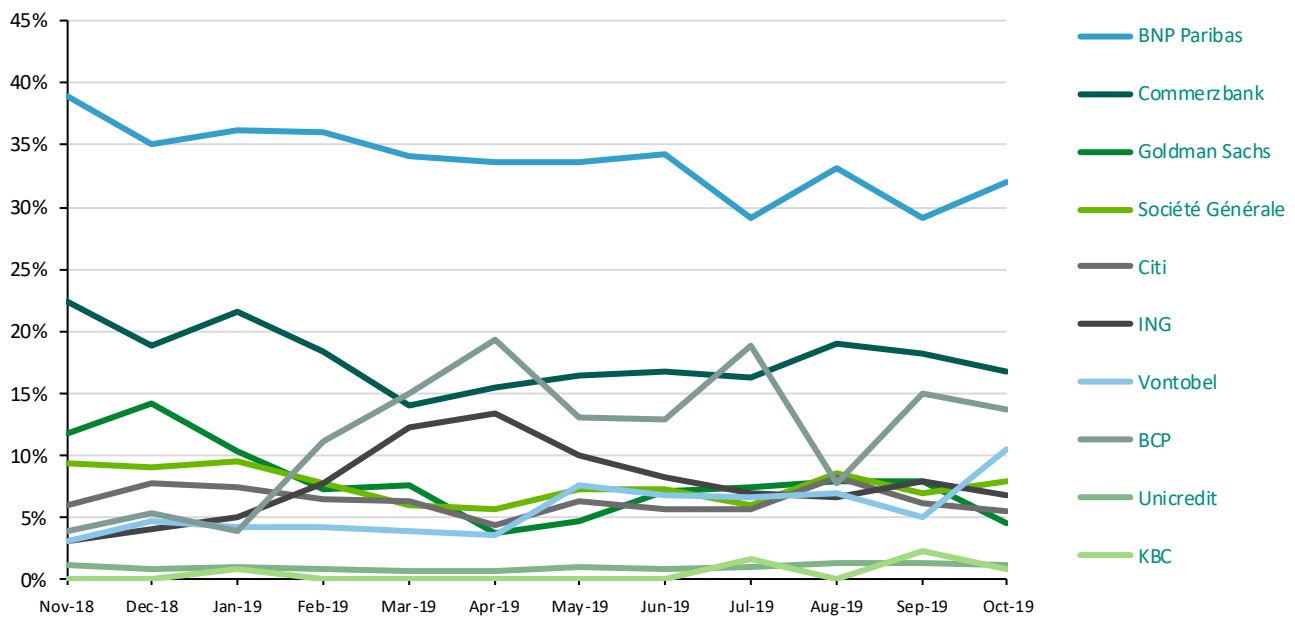
(Source Euronext)



ISSUERS

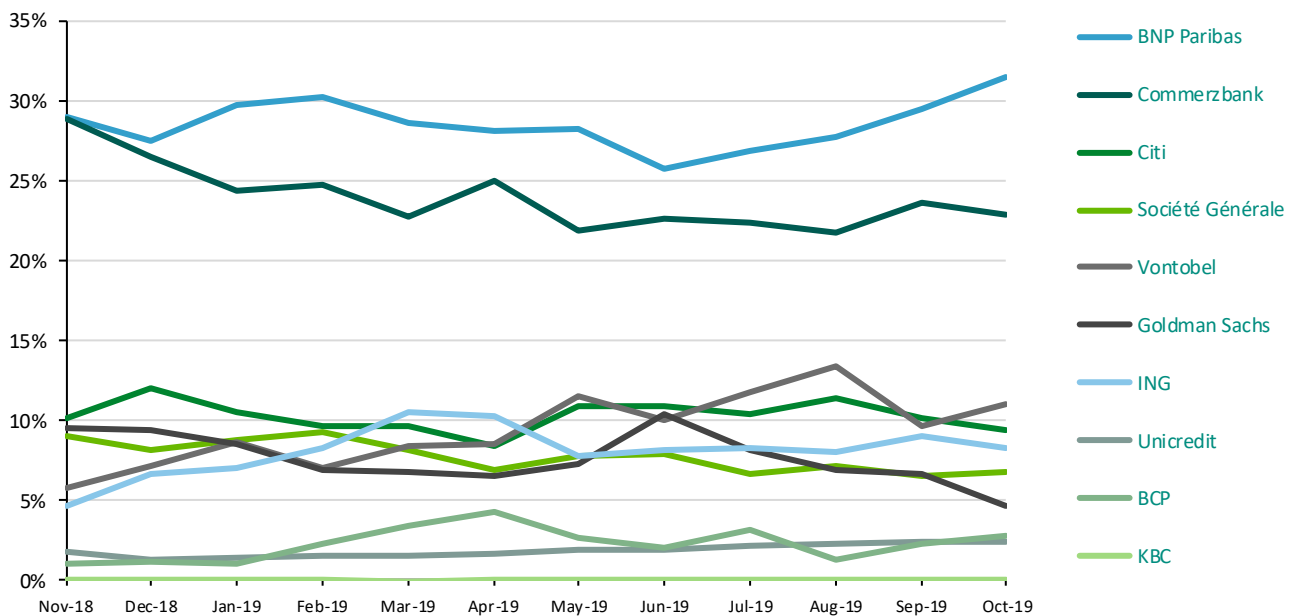
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

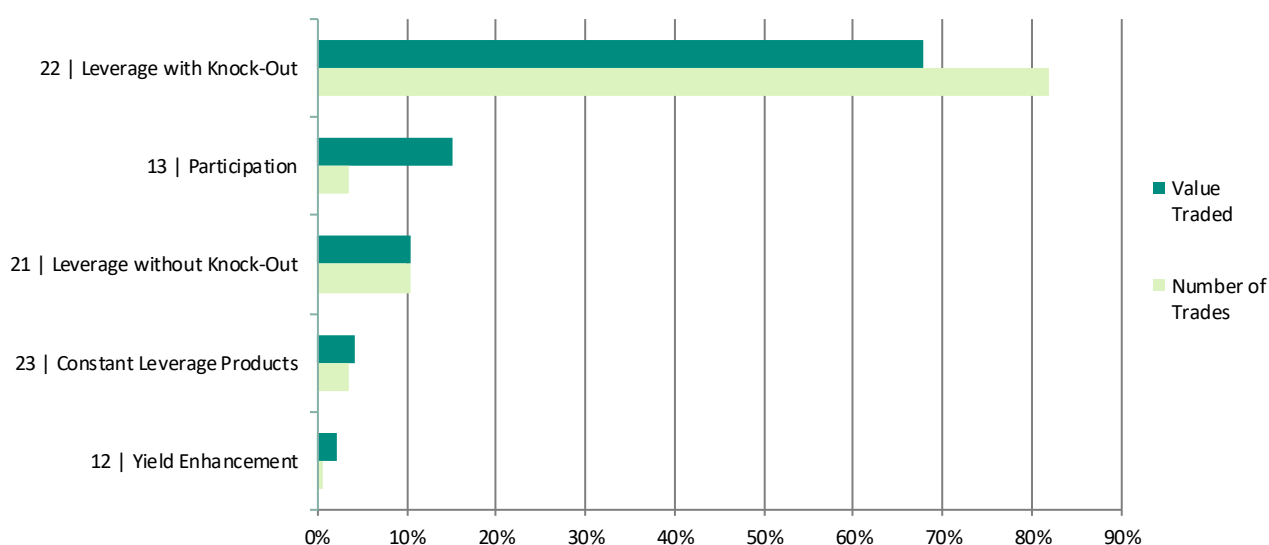
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	25,078	8.5%	9.9%	67.9%	10,431	1.5%	6.1%	82.0%
13 Participation	5,569	-6.8%	19.0%	15.1%	452	21.3%	-62.4%	3.6%
21 Leverage without Knock-Out	3,896	-9.5%	-11.5%	10.6%	1,321	-2.1%	288.1%	10.4%
23 Constant Leverage Products	1,547	-2.8%	-0.6%	4.2%	450	468.0%	1.6%	3.5%
12 Yield Enhancement	830	-47%	32%	2.2%	69	-83.9%	5.3%	0.5%
Total	36,919	0.9%	8.3%	100%	12,723	1.7%	7.0%	100%

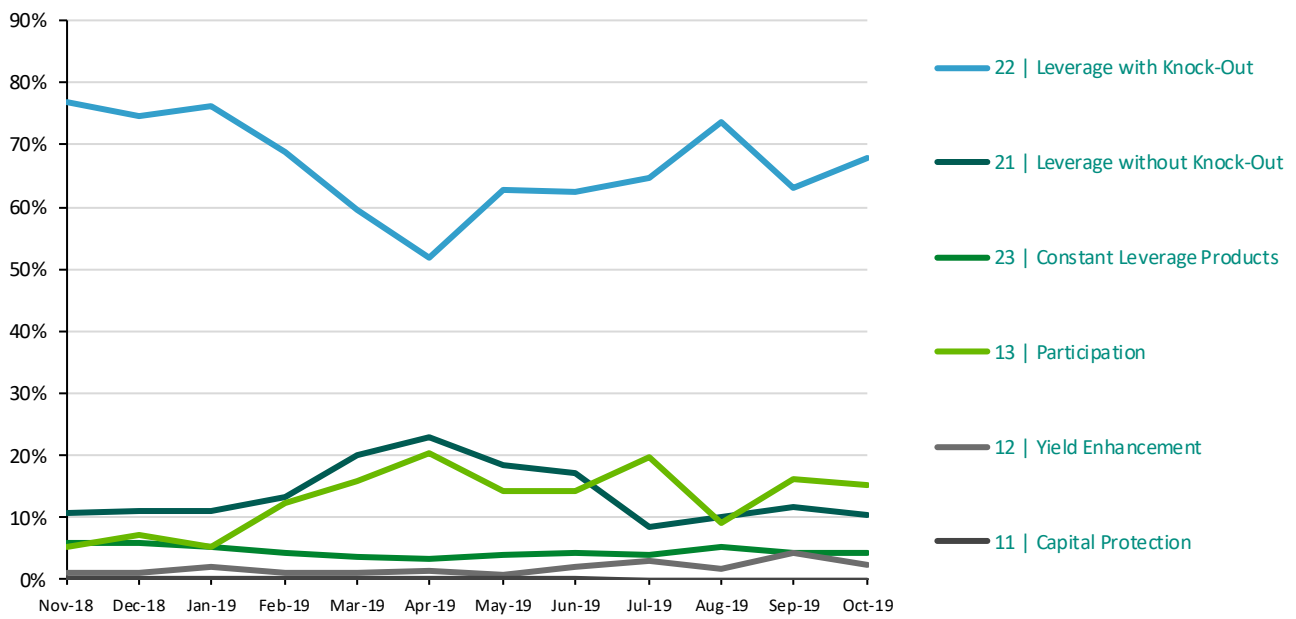
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

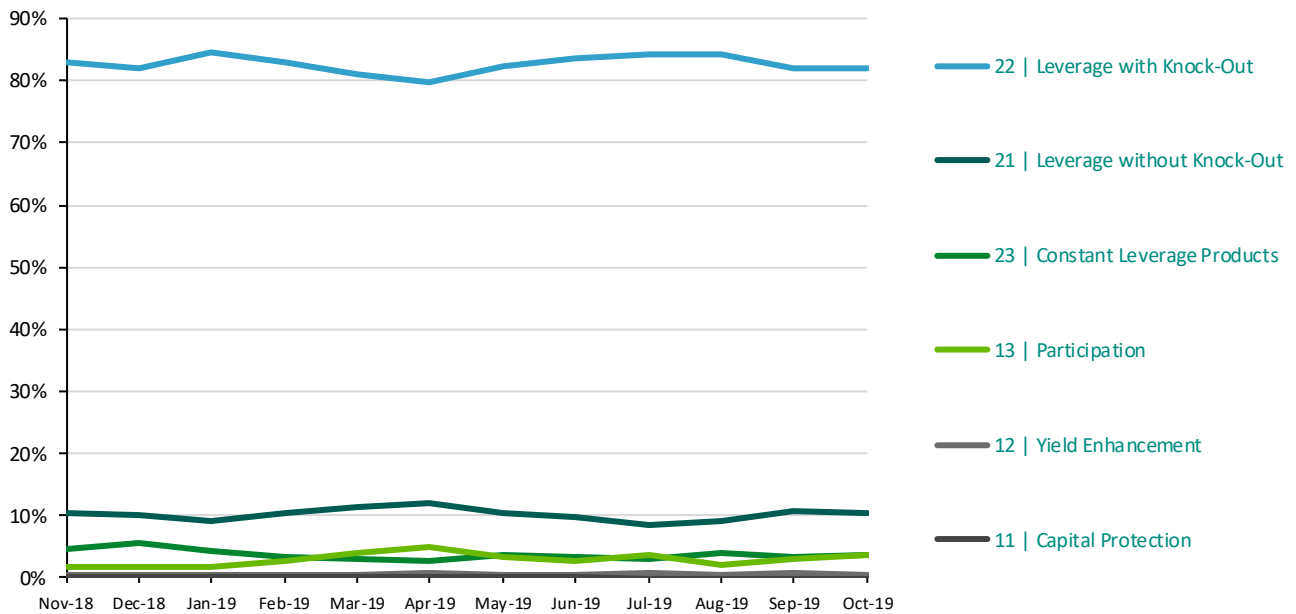
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

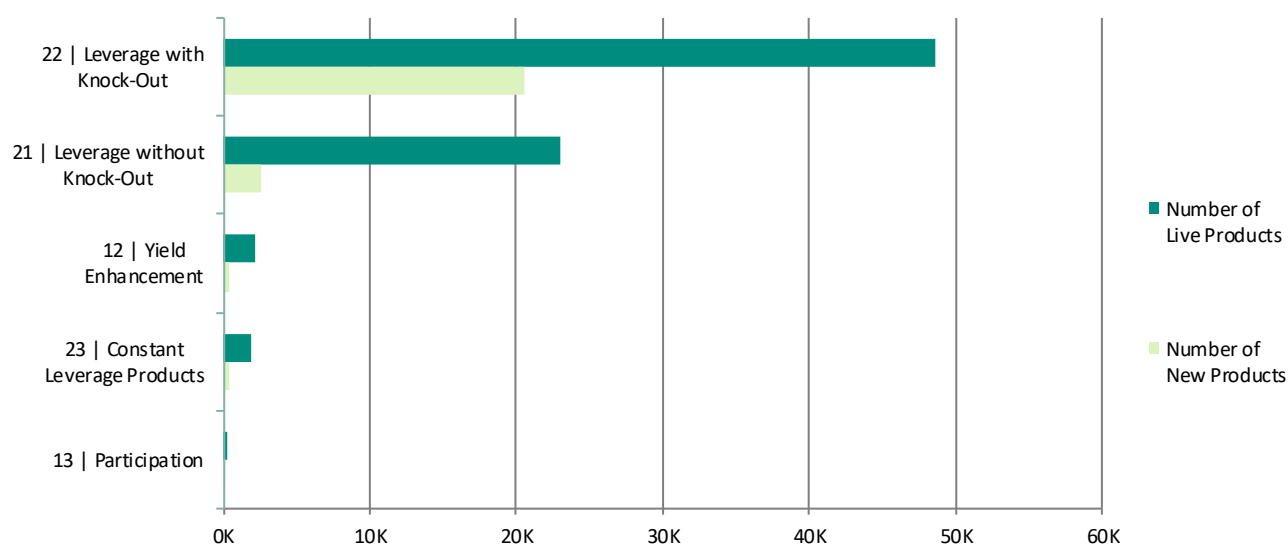
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	48,585	-2.8%	4.3%	64.1%	20,615	18.6%	18.3%	86.4%
21 Leverage without Knock-Out	22,945	-7.8%	-4.5%	30.3%	2,512	3.7%	-39%	10.5%
12 Yield Enhancement	2,177	-5.7%	1.2%	2.9%	315	-13.2%	4.1%	1.3%
23 Constant Leverage Products	1,865	21%	34%	2.5%	383	-1.8%	192%	1.6%
13 Participation	267	-2.8%	-7.8%	0.4%	27	125%	153%	0.1%
Total	75,840	-4.0%	1.9%	100%	23,852	15.9%	8.3%	100%

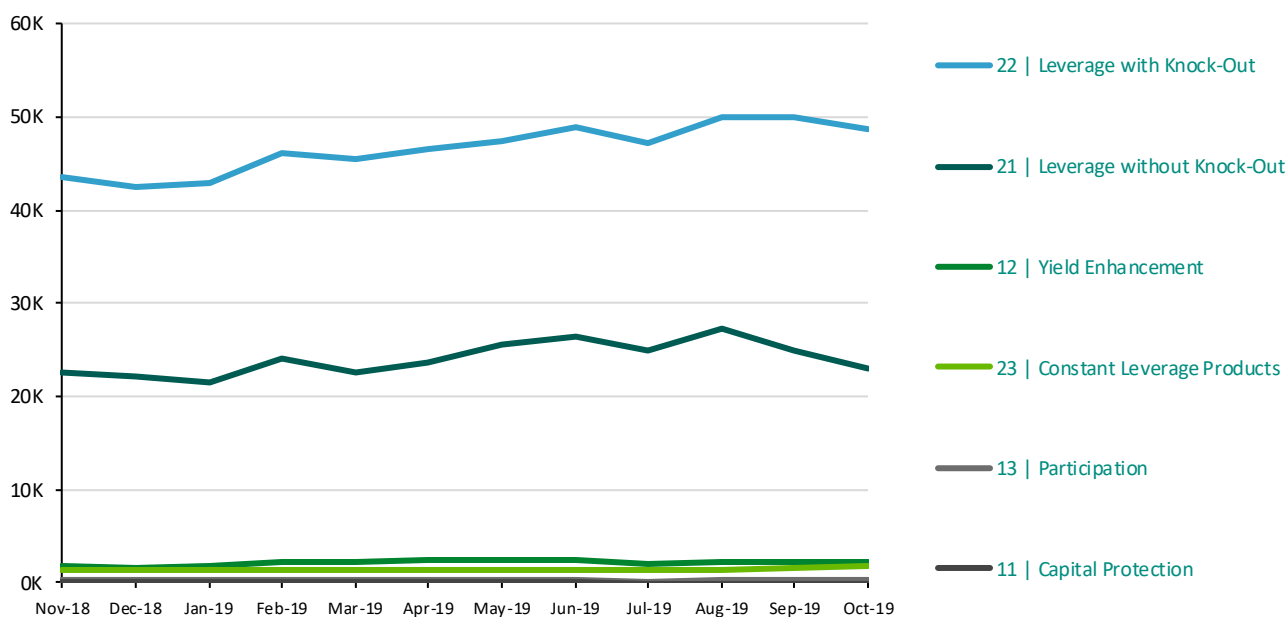
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

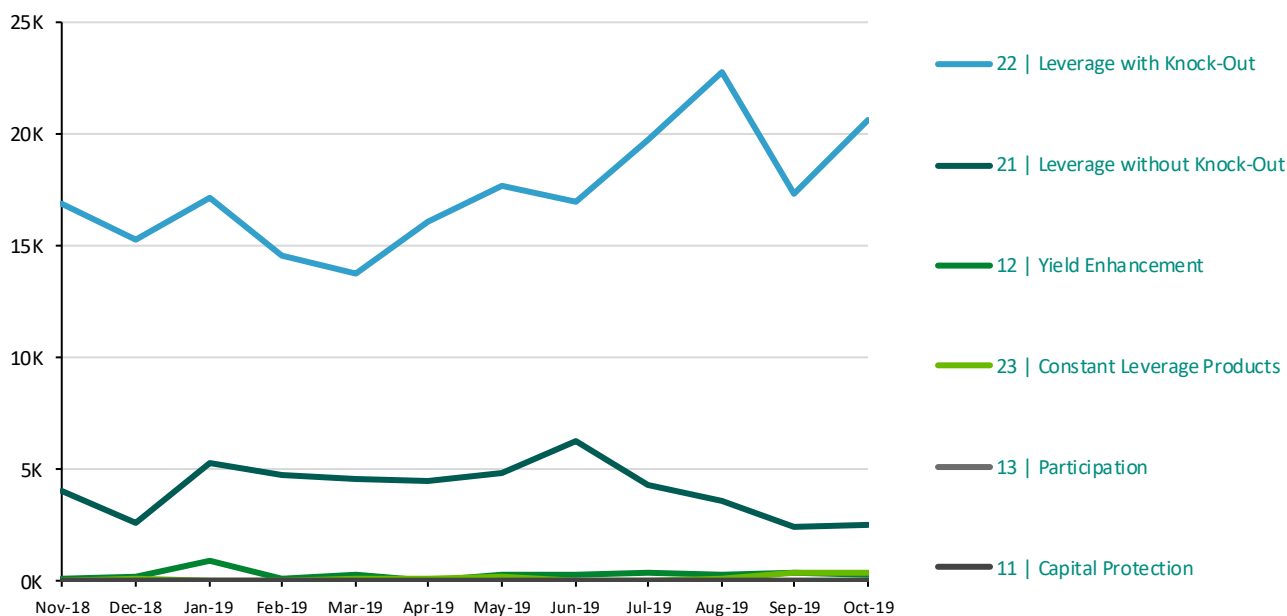
Product Trend: Number of Live Products

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

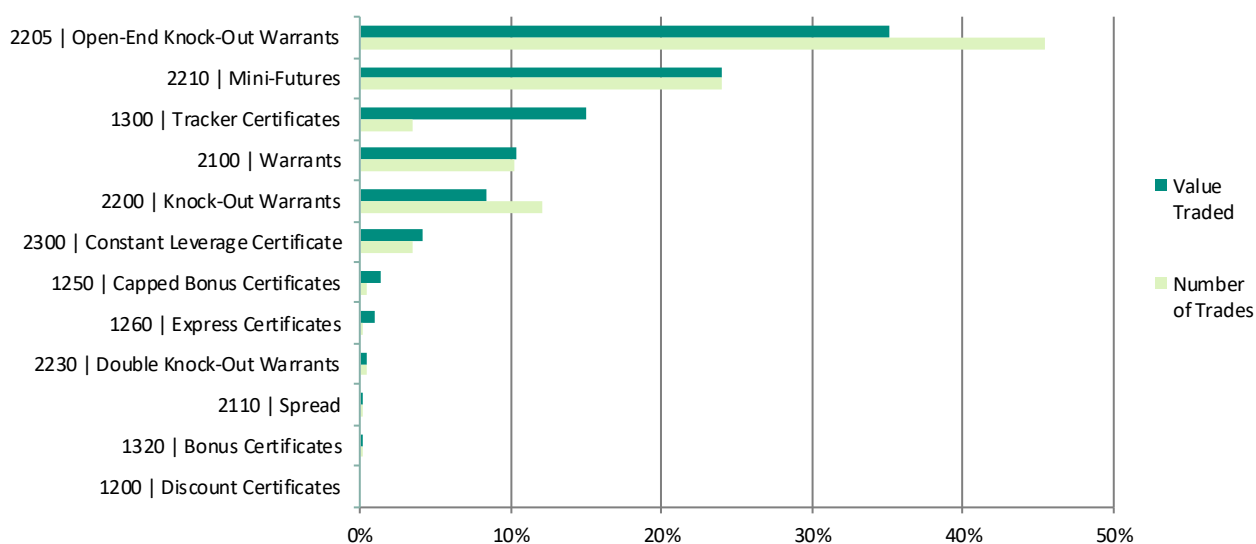
Market Overview

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	12,962	13.1%	13.1%	35.1%	5,782	1.9%	2.0%	45.4%
2210 Mini-Futures	8,869	0.5%	10.3%	24.0%	3,059	-1.0%	19.2%	24.0%
1300 Tracker Certificates	5,555	-7.0%	19.6%	15.0%	451	22%	-62%	3.5%
2100 Warrants	3,818	-9.6%	-13.1%	10.3%	1,302	-2.0%	285%	10.2%
2200 Knock-Out Warrants	3,077	14.5%	-3.8%	8.3%	1,534	4.9%	-2.0%	12.1%
2300 Constant Leverage Certificate	1,547	-1.9%	-0.6%	4.2%	450	5.4%	1.6%	3.5%
1250 Capped Bonus Certificates	486	-42%	5.2%	1.3%	66	NA	2.8%	0.5%
1260 Express Certificates	343	-54%	105%	0.9%	2.8	-96%	200%	0.0%
2230 Double Knock-Out Warrants	169	13.4%	40%	0.5%	56	14.0%	62%	0.4%
2110 Spread	78	-3.9%	121%	0.2%	19	-8.1%	80%	0.1%
1320 Bonus Certificates	14	227%	82%	0.0%	1.5	-34%	-27%	0.0%
1200 Discount Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	36,919	0.9%	8.3%	100%	12,723	1.7%	7.0%	100%

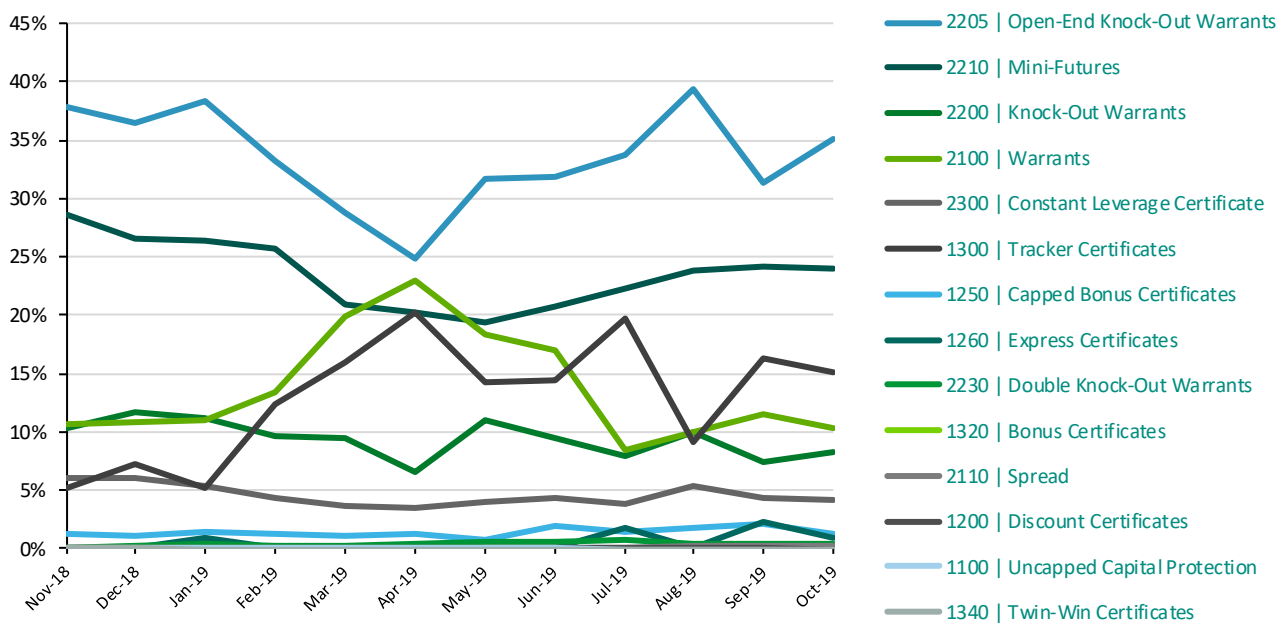
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

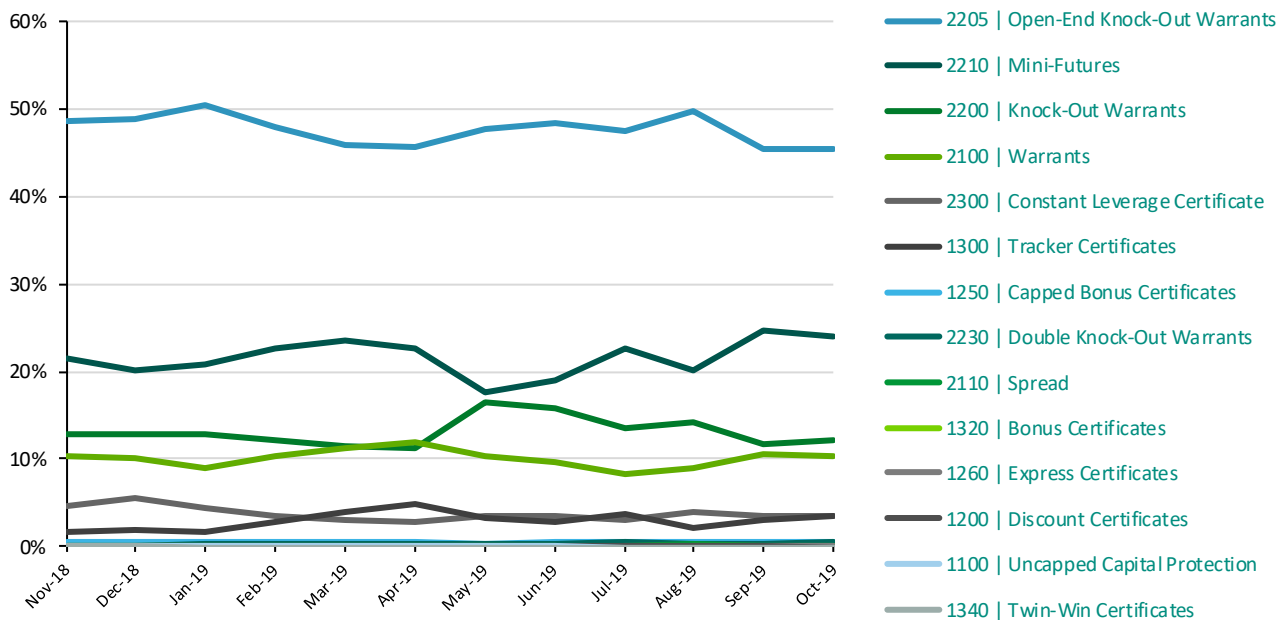
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

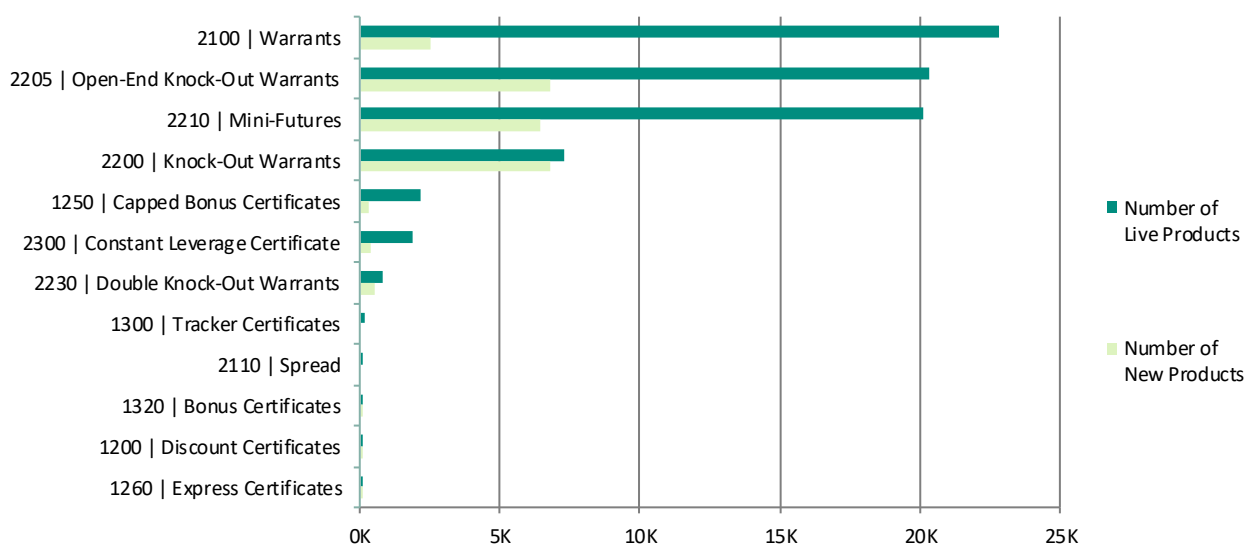
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	22,827	-7.8%	-4.6%	30.1%	2,512	6.9%	-39%	10.5%
2205 Open-End Knock-Out Warrants	20,323	1.0%	8.5%	26.8%	6,800	10.9%	15.9%	28.5%
2210 Mini-Futures	20,156	1.9%	8.2%	26.6%	6,470	9.0%	29%	27.1%
2200 Knock-Out Warrants	7,319	-22%	-15.1%	9.7%	6,782	30%	7.8%	28.4%
1250 Capped Bonus Certificates	2,132	-5.2%	2.3%	2.8%	305	-15.5%	3.0%	1.3%
2300 Constant Leverage Certificate	1,865	21%	34%	2.5%	383	-1.8%	192%	1.6%
2230 Double Knock-Out Warrants	787	8.7%	32%	1.0%	563	403%	137%	2.4%
1300 Tracker Certificates	166	-0.4%	-3.5%	0.2%	0	-100%	-100%	0.0%
2110 Spread	118	11.3%	15.4%	0.2%	0	-100%	-100%	0.0%
1320 Bonus Certificates	101	-6.4%	-14.0%	0.1%	27	145%	177%	0.1%
1200 Discount Certificates	38	-30%	-40%	0.1%	7		18.3%	0.0%
1260 Express Certificates	7	37%	128%	0.0%	3	50%	414%	0.0%
Total	75,840	-4.0%	1.9%	100%	23,852	15.9%	8.3%	100%

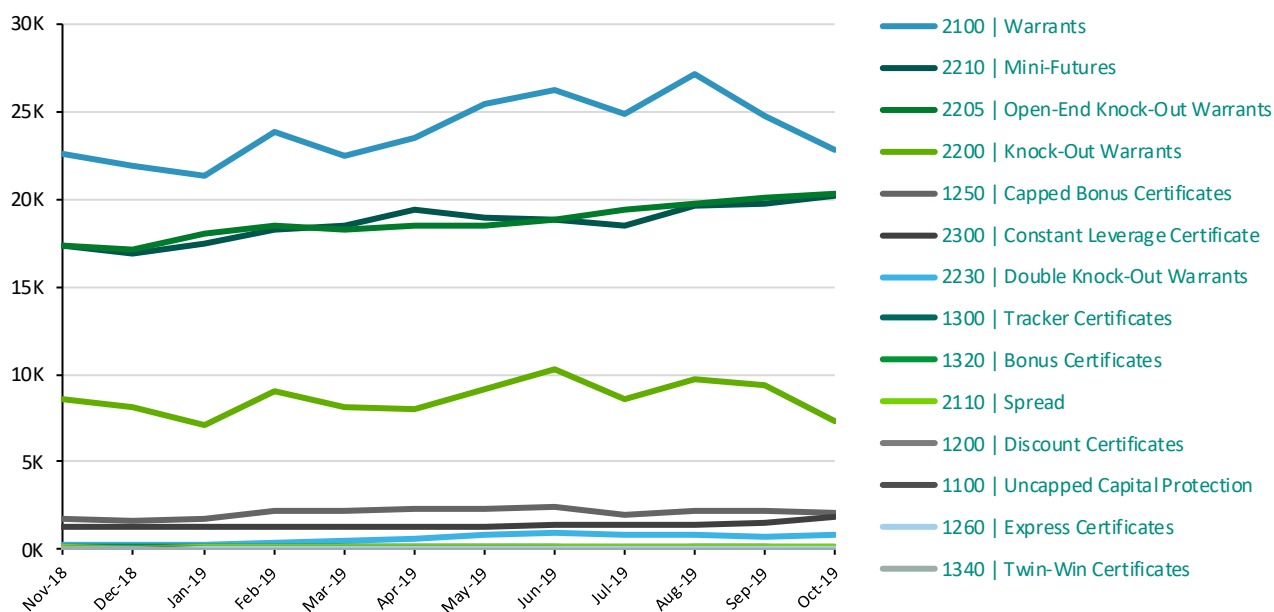
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

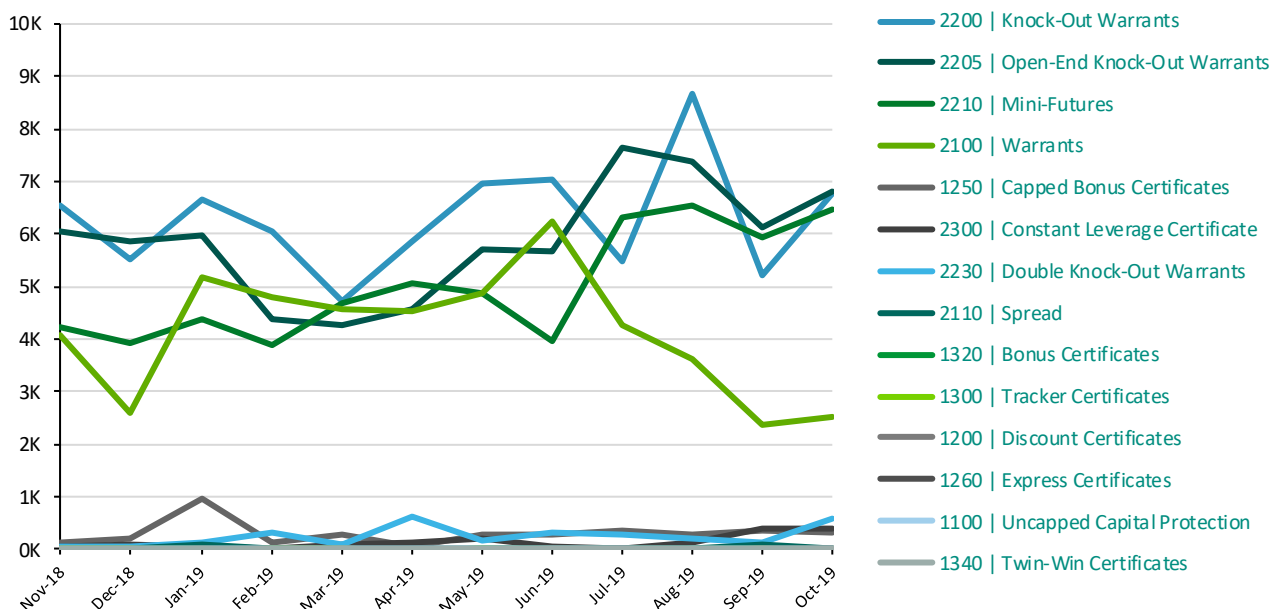
Product Trend: Number of Live Products

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

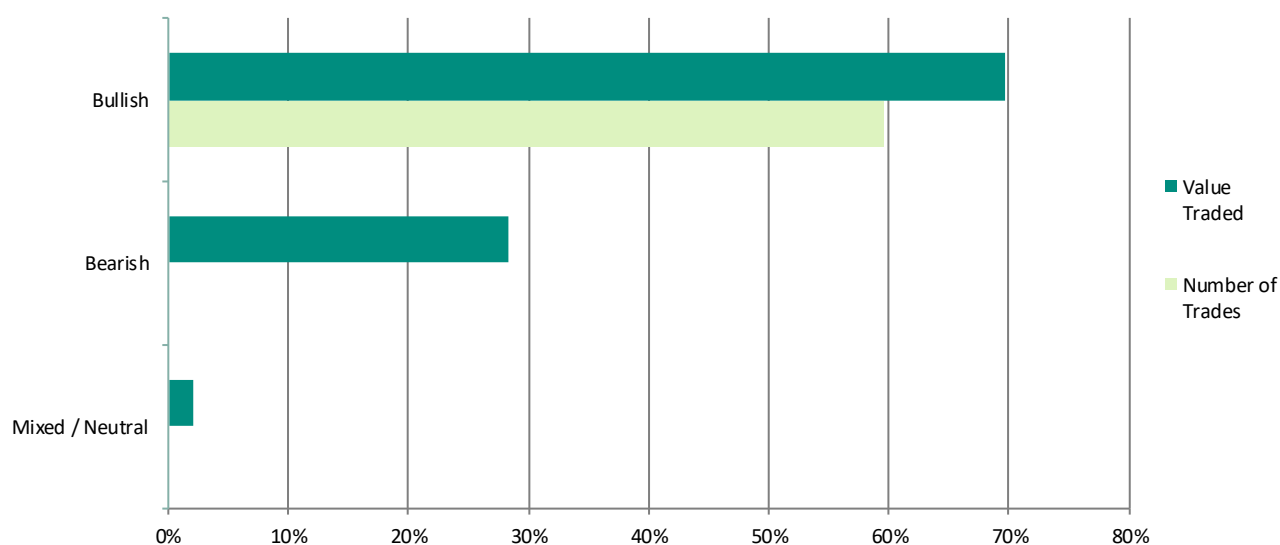
Market Overview

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	25,698	-2.3%	9.3%	69.6%	7,580	6.2%	3.1%	59.6%
Bearish	10,470	12.8%	5.3%	28.4%	0.0	-100%	-100%	0.0%
Mixed / Neutral	751	-23%	20%	2.0%	0.0	-100%	-100%	0.0%
Total	36,919	0.9%	8.3%	100%	12,723	1.7%	7.0%	100%

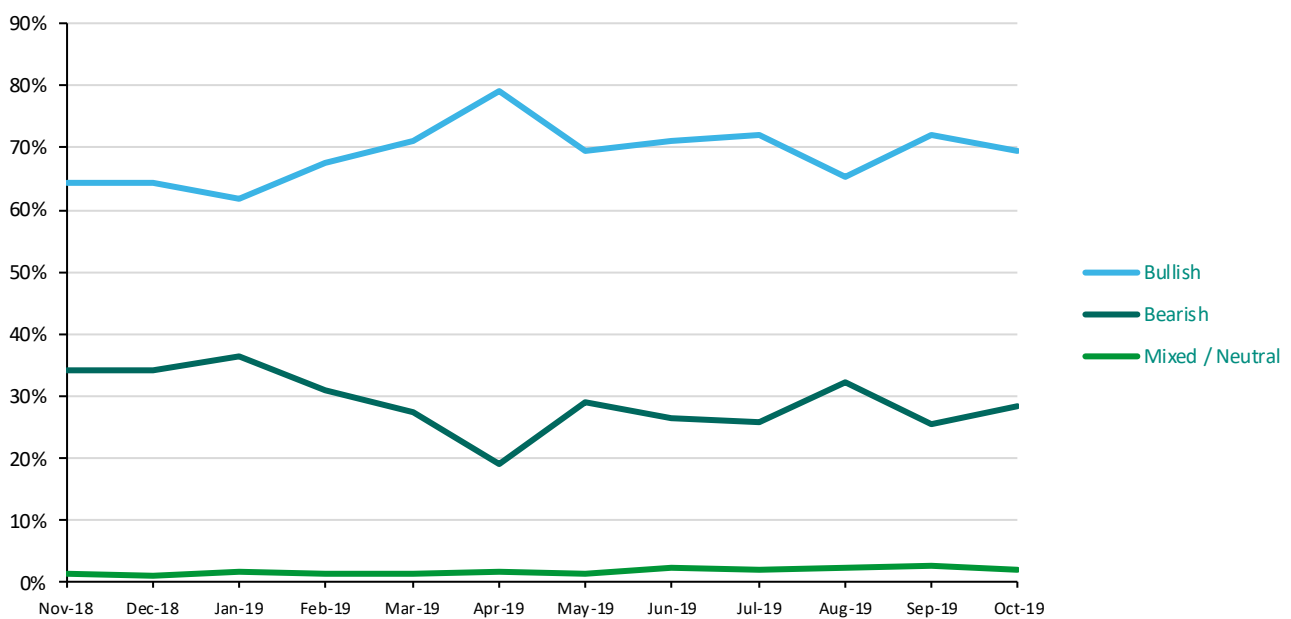
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PRODUCT STRATEGIES

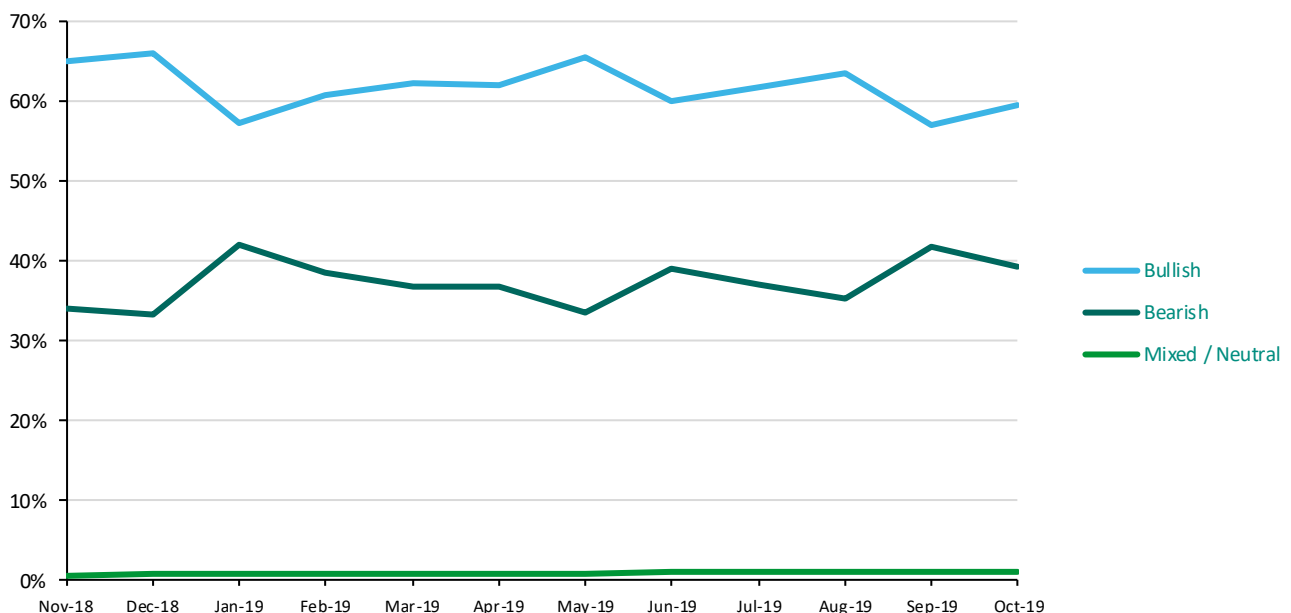
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

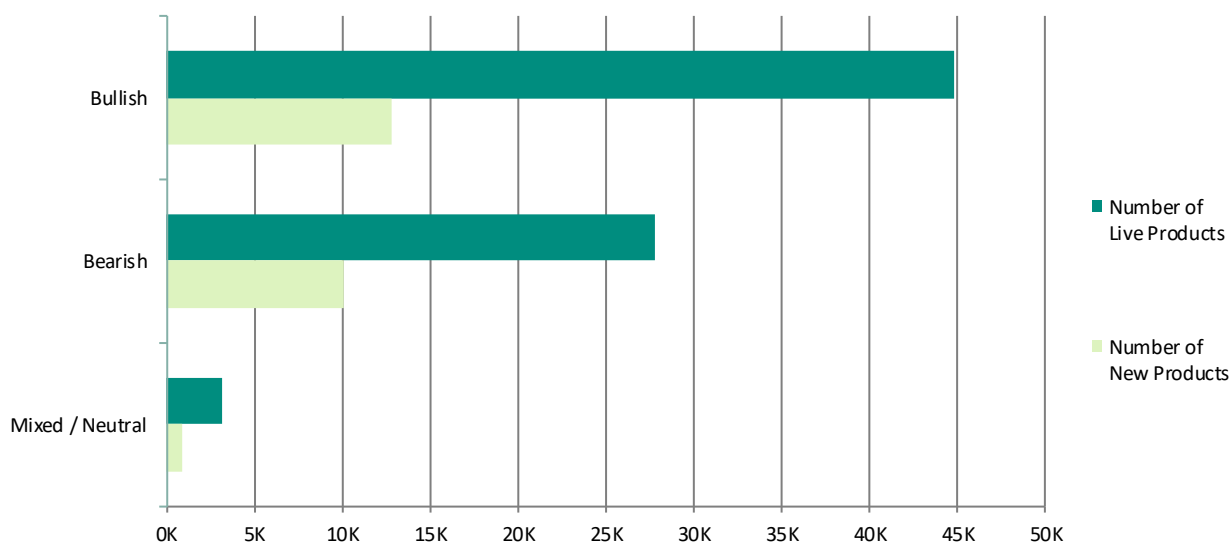
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	44,866	-4.6%	5.2%	59.2%	12,844	8.3%	7.6%	53.8%
Bearish	27,799	-3.2%	-3.7%	36.7%	10,133	24%	6.6%	42.5%
Mixed / Neutral	3,175	-1.9%	7.5%	4.2%	875	60%	55%	3.7%
Total	75,840	-4.0%	1.9%	100%	23,852	15.9%	8.3%	100%

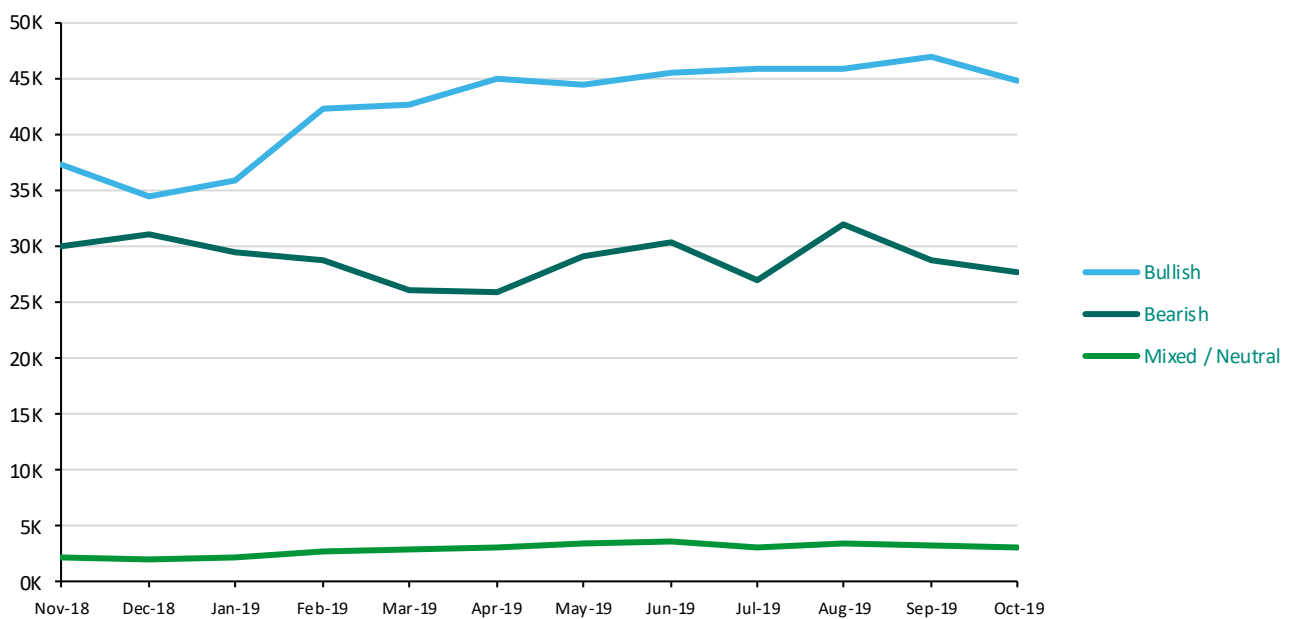
(Source Euronext)



PRODUCT STRATEGIES

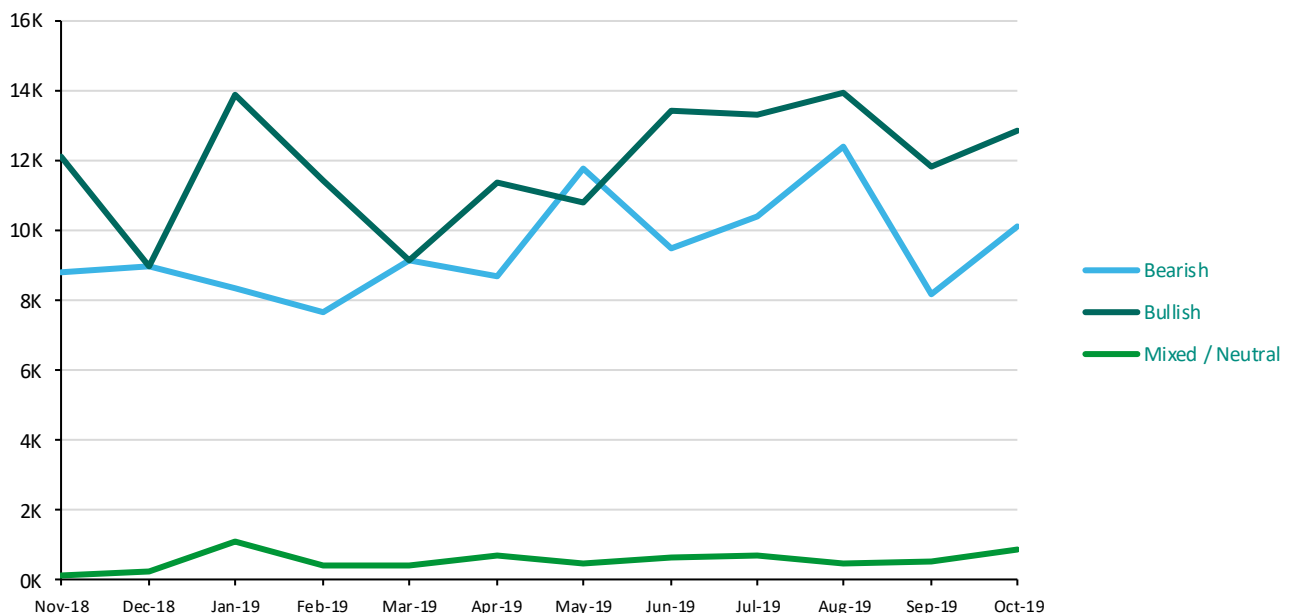
Product Trend: Number of Live Products

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

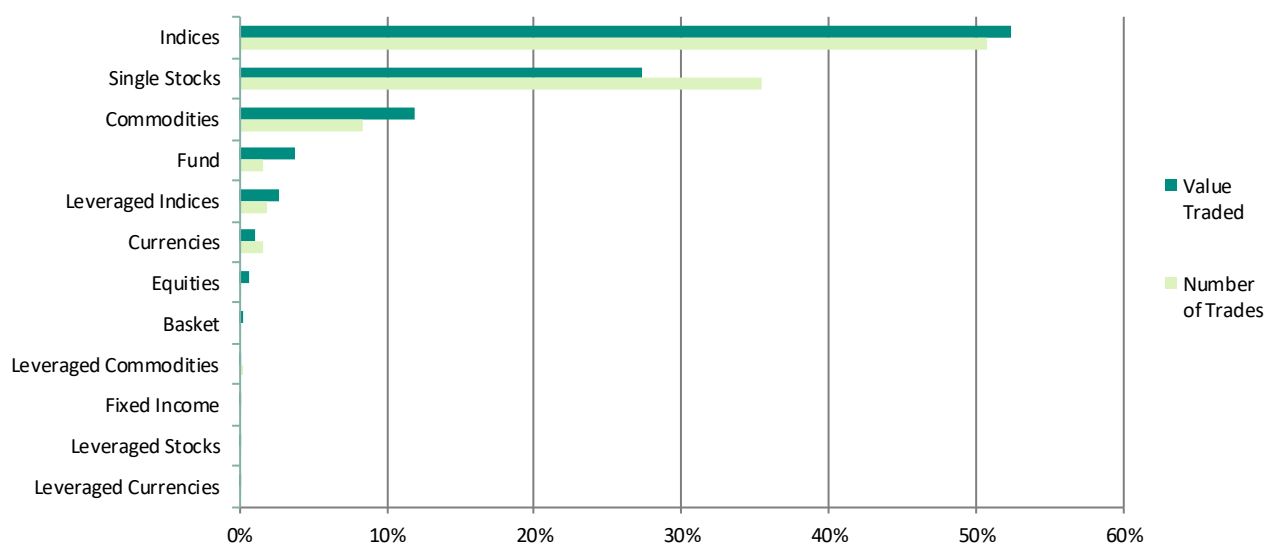
Market Overview

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	19,338	3.0%	1.3%	52.4%	6,467	5.8%	1.2%	50.8%
Single Stocks	10,071	-3.5%	17.2%	27.3%	4,507	5.1%	13.9%	35.4%
Commodities	4,365	3.3%	81%	11.8%	1,060	-26.0%	22.4%	8.3%
Fund	1,383	-12.3%	-37%	3.7%	196	13.4%	23.6%	1.5%
Leveraged Indices	1,002	11.5%	7.9%	2.7%	233	22.3%	1.4%	1.8%
Currencies	370	-15.2%	-40%	1.0%	196	-8.3%	-3.0%	1.5%
Equities	248	89%	123%	0.7%	2.3	-96.0%	-90.7%	0.0%
Basket	63	36%	30%	0.2%	2.7	-8.7%	-89.8%	0.0%
Leveraged Commodities	44	26%	-4.1%	0.1%	33	49.3%	50.7%	0.3%
Fixed Income	21	22%	-24%	0.1%	13	25.0%	517.6%	0.1%
Leveraged Stocks	13	968%	-9.8%	0.0%	11	NA	19.7%	0.1%
Leveraged Currencies	3	801%	236%	0.0%	0.6	NA	157.6%	0.0%
Total	36,919	0.9%	8.3%	100%	12,723	1.7%	7.0%	100%

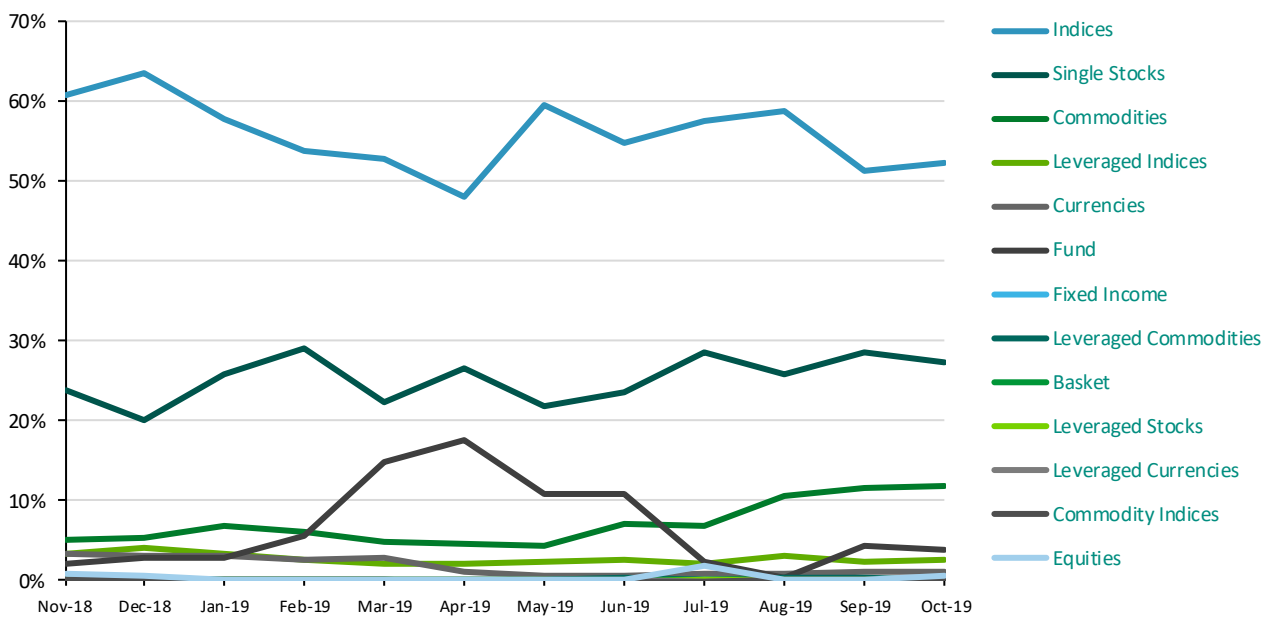
(Source Euronext)



UNDERLYING TYPES

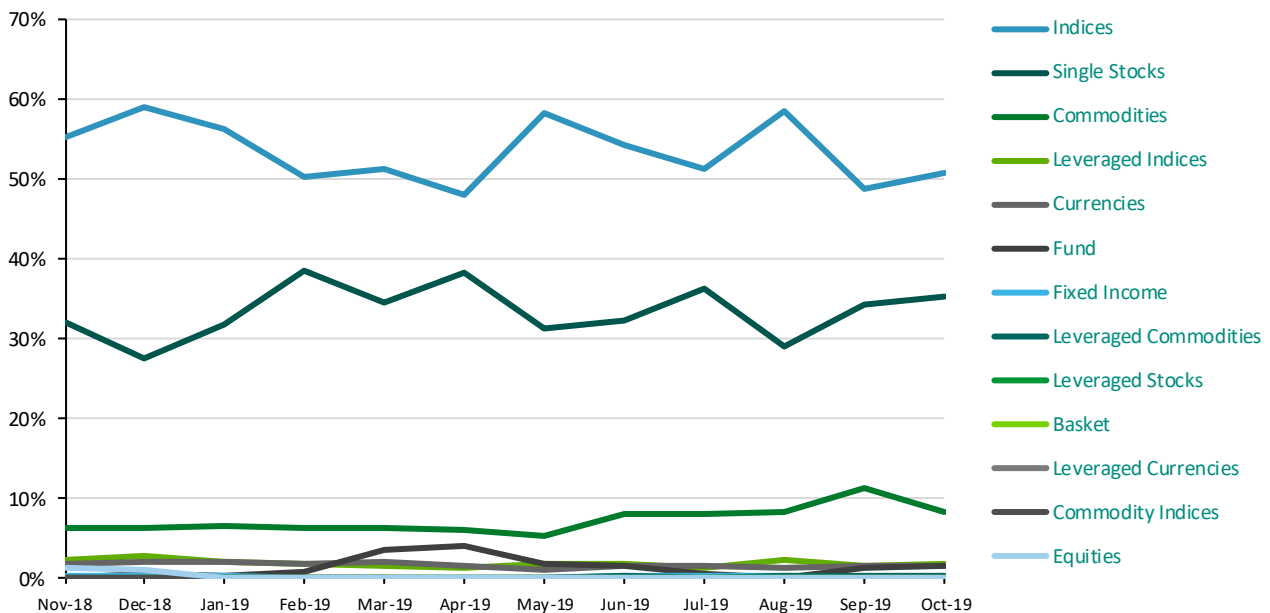
Market Trend: Value traded

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

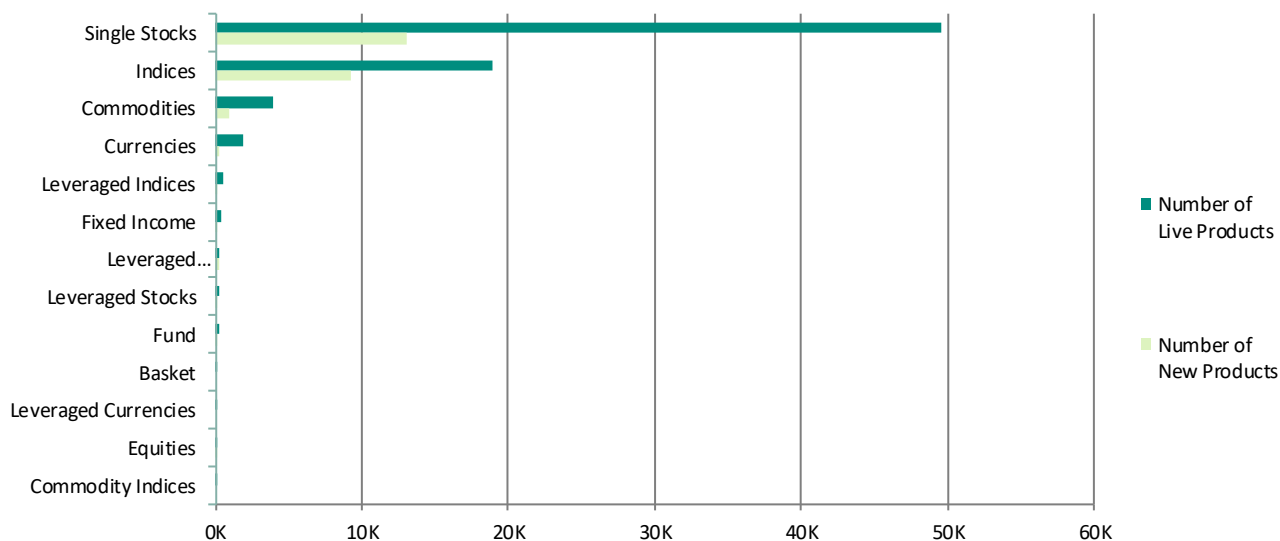
Product Overview

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	49,549	-4.2%	4.7%	65.3%	13,072	12.4%	4.9%	54.8%
Indices	18,896	-5.7%	-5.4%	24.9%	9,184	33%	14.0%	38.5%
Commodities	3,920	0.6%	8.1%	5.2%	952	-37%	-3.0%	4.0%
Currencies	1,935	-4.8%	-14.6%	2.6%	241	-22%	-40%	1.0%
Leveraged Indices	460	16.3%	24%	0.6%	125	155%	410%	0.5%
Fixed Income	348	-0.2%	8.9%	0.5%	16	-52%	-43%	0.1%
Leveraged Commodities	301	70%	123%	0.4%	225	246%	526%	0.9%
Leveraged Stocks	220	40%	39%	0.3%	30	-39%	128%	0.1%
Fund	176	-0.6%	12.9%	0.2%	5	25%	-4.8%	0.0%
Basket	18	0.1%	-2.0%	0.0%	0			0.0%
Leveraged Currencies	8	0.0%	-3.4%	0.0%	0			0.0%
Equities	8	-0.9%	-92%	0.0%	2		140%	0.0%
Commodity Indices	1	0.0%	-20%	0.0%	0			0.0%
Total	75,840	-4.0%	1.9%	100%	23,852	15.9%	8.3%	100%

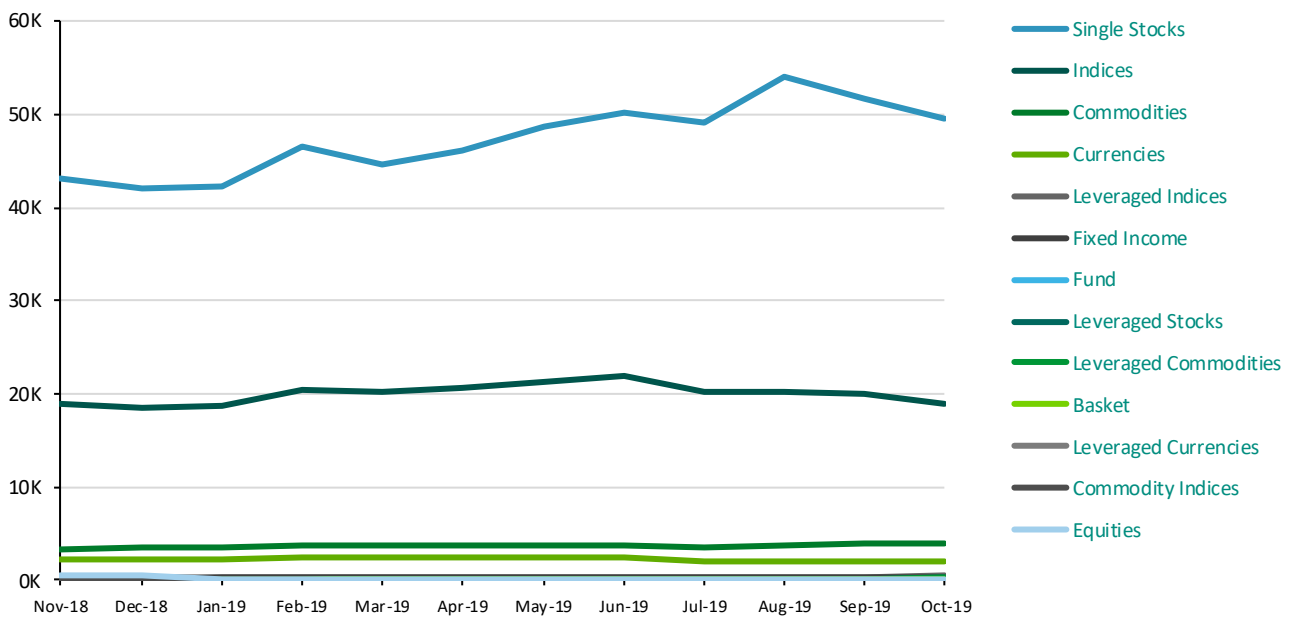
(Source Euronext)



UNDERLYING TYPES

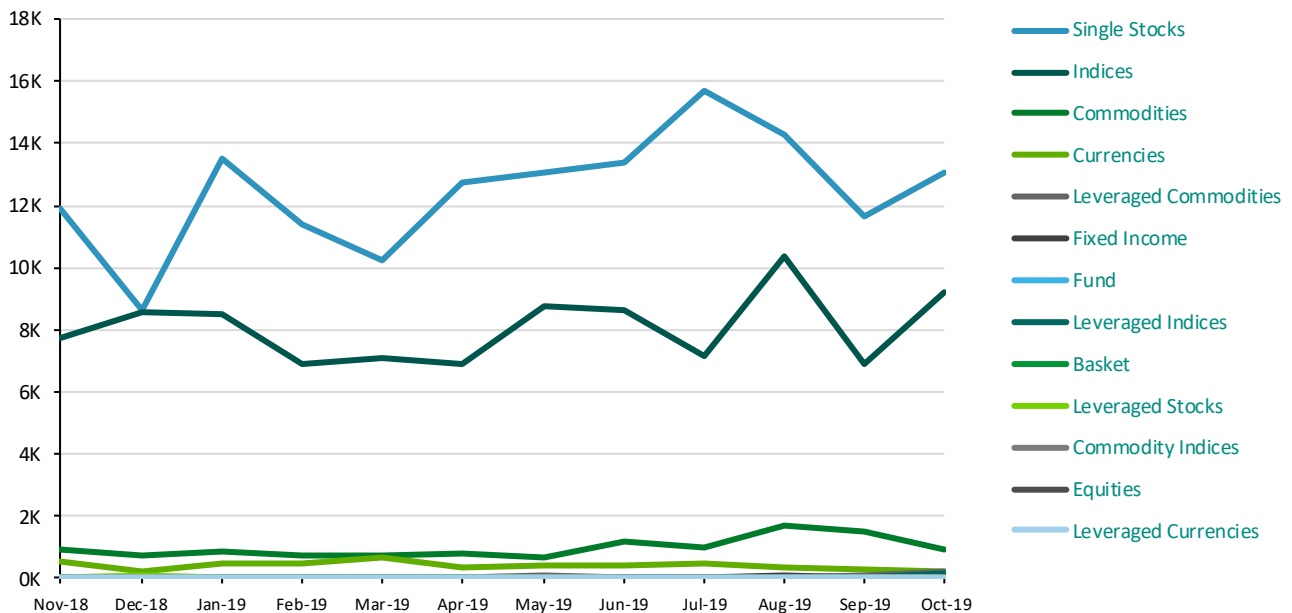
Product Trend: Number of Live Products

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

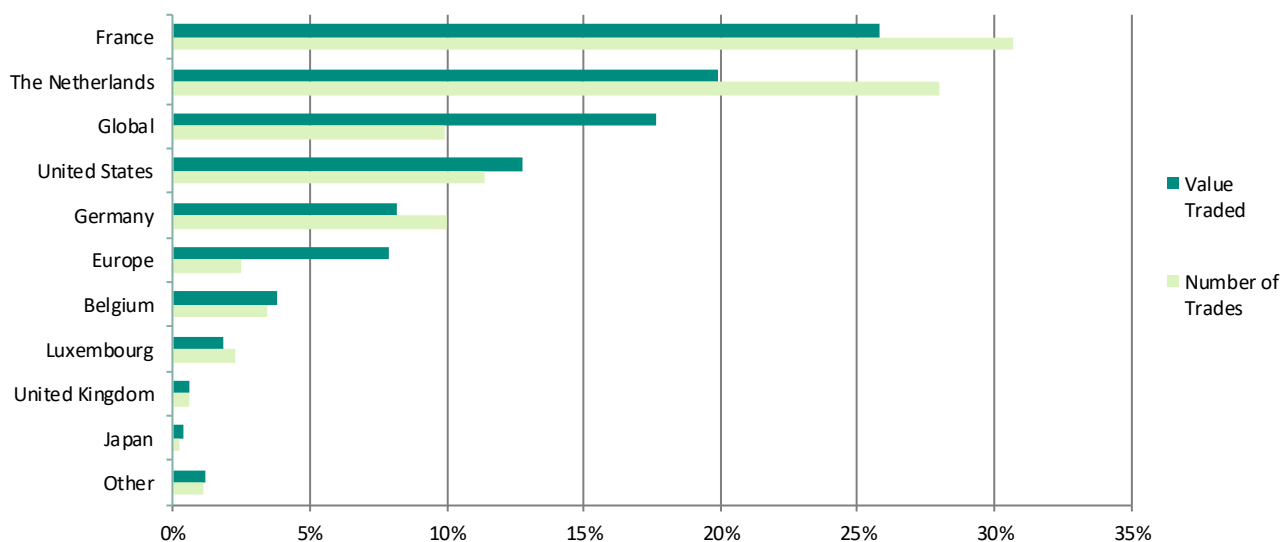
Market Overview

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	9,528	7.8%	13.4%	25.8%	3,904	5.4%	5.4%	30.7%
The Netherlands	7,340	-6.1%	-6.4%	19.9%	3,564	116%	7.2%	28.0%
Global	6,516	-9.9%	26%	17.6%	1,258	-64%	-12.7%	9.9%
United States	4,725	9.6%	14.5%	12.8%	1,443	13.0%	43%	11.3%
Germany	3,026	-1.7%	-7.7%	8.2%	1,268	336%	378%	10.0%
Europe	2,916	6.6%	-7.7%	7.9%	320	-73%	-76%	2.5%
Belgium	1,403	37%	29%	3.8%	435	29%	18.3%	3.4%
Luxembourg	678	-13.4%	57%	1.8%	284	2.9%	28%	2.2%
United Kingdom	222	37%	16.0%	0.6%	79	19.3%	11.8%	0.6%
Japan	141	-5.7%	44%	0.4%	26	6.4%	45%	0.2%
Other	424	-3.3%	34%	1.1%	142	-3.1%	17.5%	1.1%
Total	36,919	0.9%	8.3%	100%	12,723	1.7%	7.0%	100%

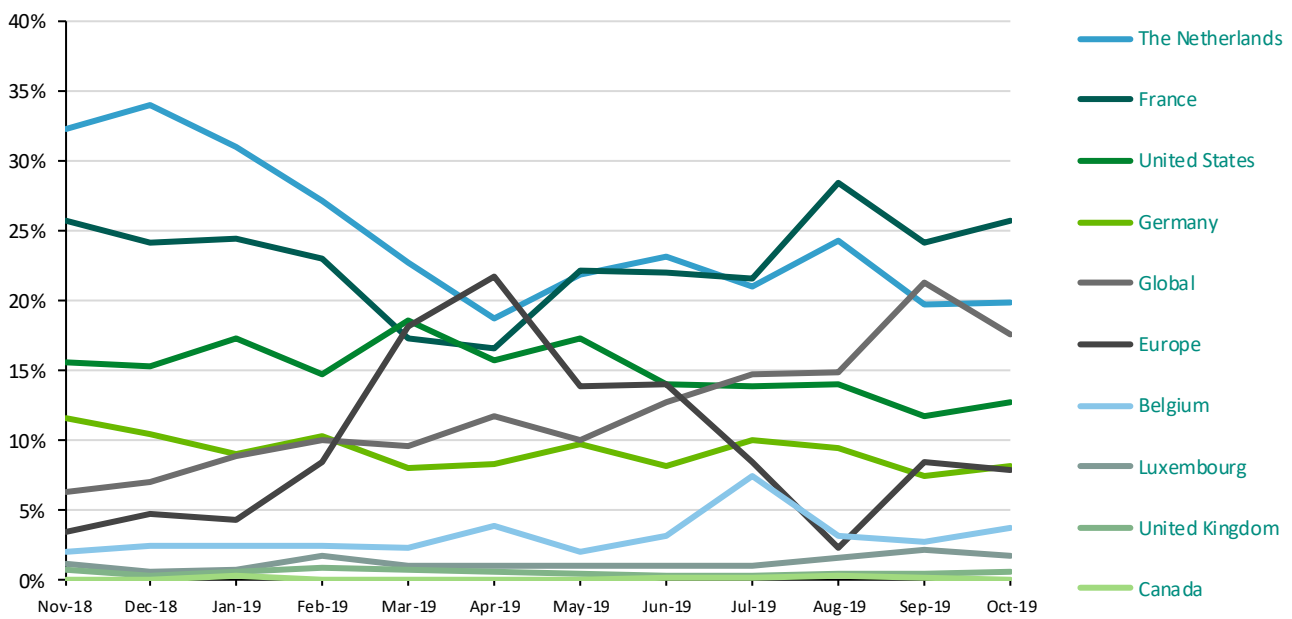
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

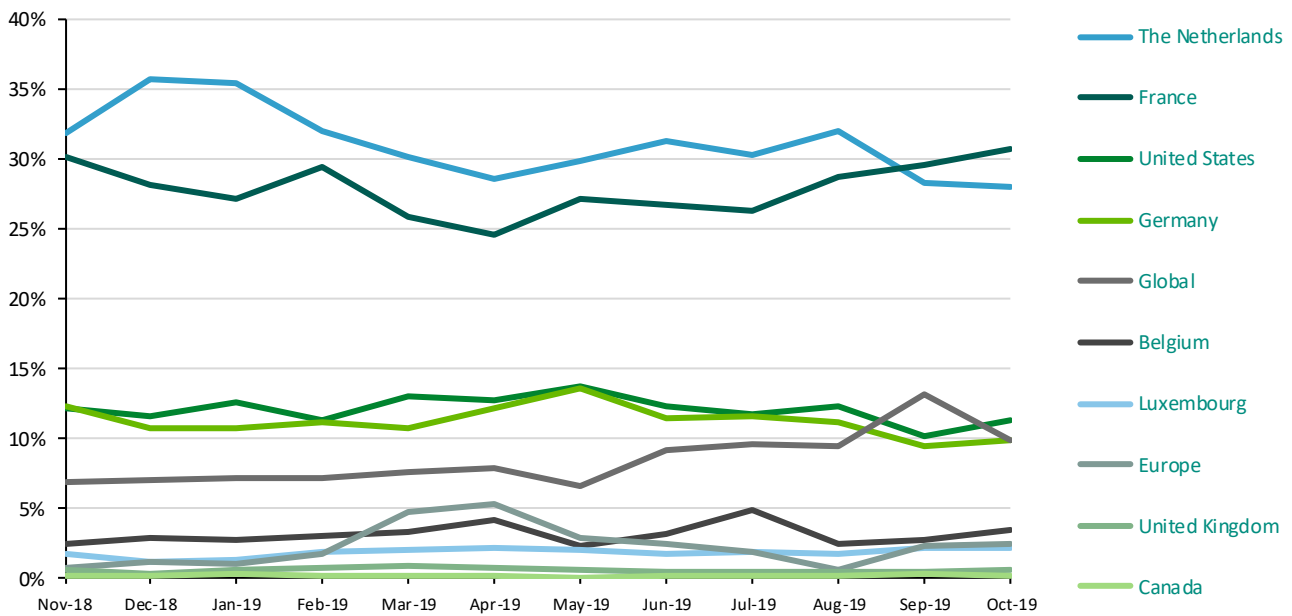
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

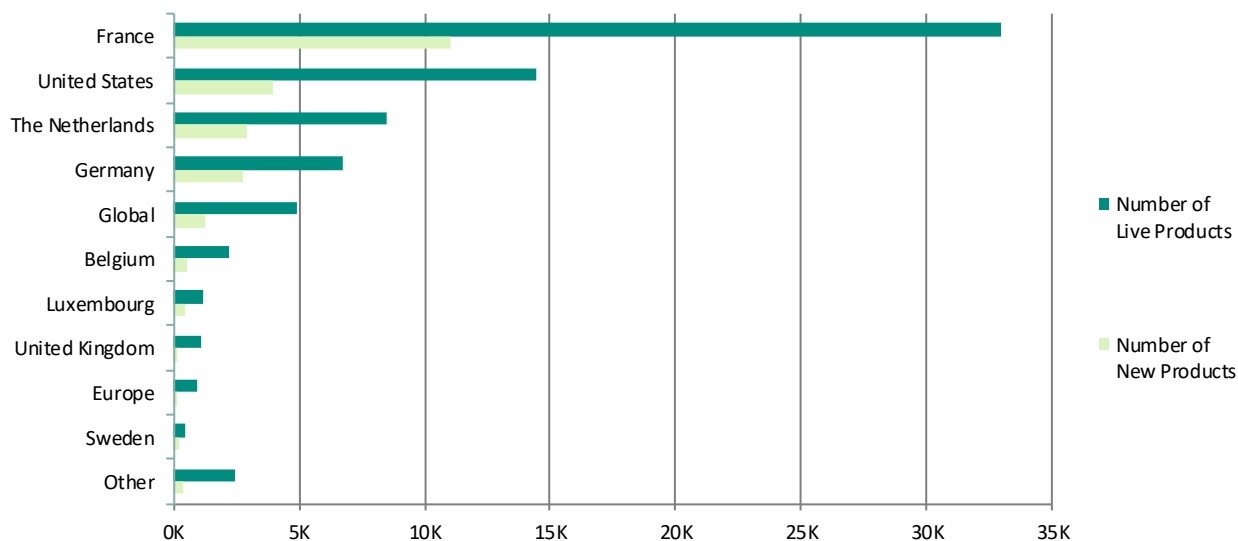
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	32,995	-5.3%	-3.7%	43.5%	11,016	18.5%	5.4%	46.2%
United States	14,439	-7.1%	6.0%	19.0%	3,992	22%	-8.7%	16.7%
The Netherlands	8,477	0.5%	6.7%	11.2%	2,888	10.7%	32%	12.1%
Germany	6,702	-3.4%	9.3%	8.8%	2,799	39%	33%	11.7%
Global	4,902	2.8%	11.5%	6.5%	1,263	-24%	13.4%	5.3%
Belgium	2,207	-0.2%	15.2%	2.9%	505	1.2%	15.8%	2.1%
Luxembourg	1,187	-0.9%	-3.8%	1.6%	468	-11.9%	0.7%	2.0%
United Kingdom	1,092	-4.2%	2.6%	1.4%	172	4.2%	-21%	0.7%
Europe	919	-5.2%	-8.0%	1.2%	166	46%	2.6%	0.7%
Sweden	451	-5.0%	0.8%	0.6%	201	121%	70%	0.8%
Other	2,470	0.3%	2.1%	3.3%	382	22%	-2.3%	1.6%
Total	75,840	-4.0%	1.9%	100%	23,852	15.9%	8.3%	100%

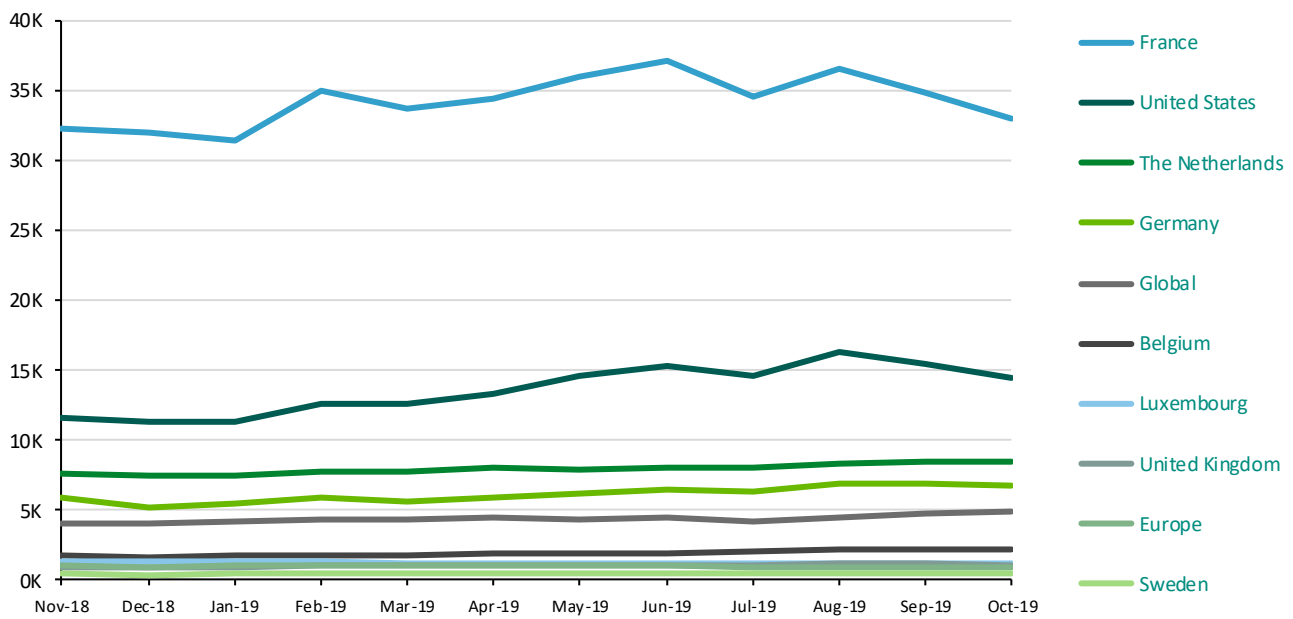
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

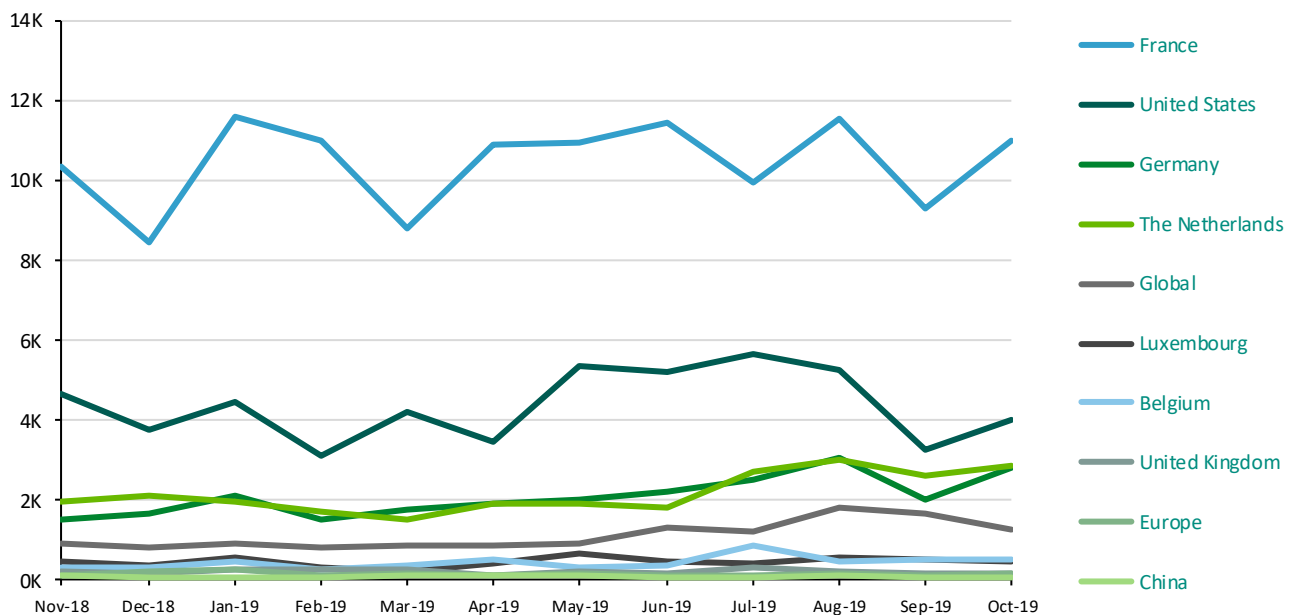
Product Trend: Number of Live Products

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

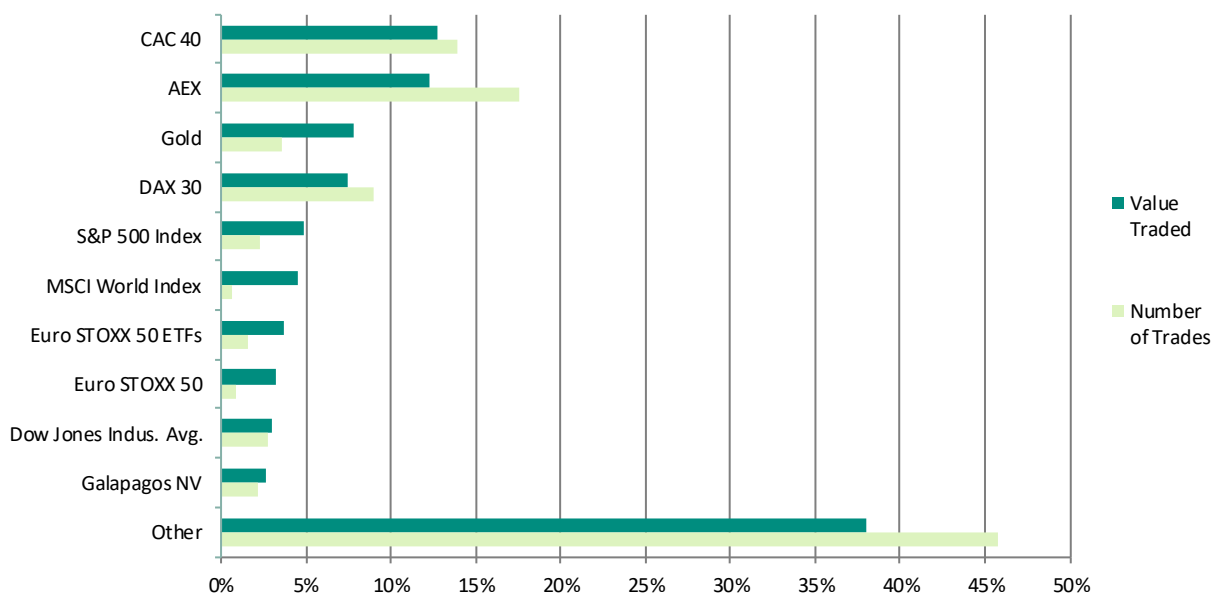
Market Overview

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
CAC 40	4,685	11.3%	-21%	12.7%	1,767	-23.8%	-28.2%	13.9%
AEX	4,513	24%	25%	12.2%	2,240	44%	49%	17.6%
Gold	2,898	18.5%	0.7%	7.8%	449	-58%	-63%	3.5%
DAX 30	2,734	18.4%	24%	7.4%	1,147	NA	625%	9.0%
S&P 500 Index	1,776	-7.8%	21%	4.8%	284	-48%	28%	2.2%
MSCI World Index	1,653	5.0%	23%	4.5%	88	-49%	42%	0.7%
Euro STOXX 50 ETFs	1,380	-9.1%	18.2%	3.7%	195	-18.8%	-45%	1.5%
Euro STOXX 50	1,193	-16.9%	6.8%	3.2%	112	1.0%	-69%	0.9%
Dow Jones Indus. Avg.	1,091	17.5%	2.2%	3.0%	351	10.8%	25%	2.8%
Galapagos NV	973	7.9%	0.1%	2.6%	275	-4.7%	184%	2.2%
Other	14,023	-10.7%	13.6%	38.0%	5,816		12.3%	45.7%
Total	36,919	0.9%	8.3%	100%	12,723	1.7%	7.0%	100%

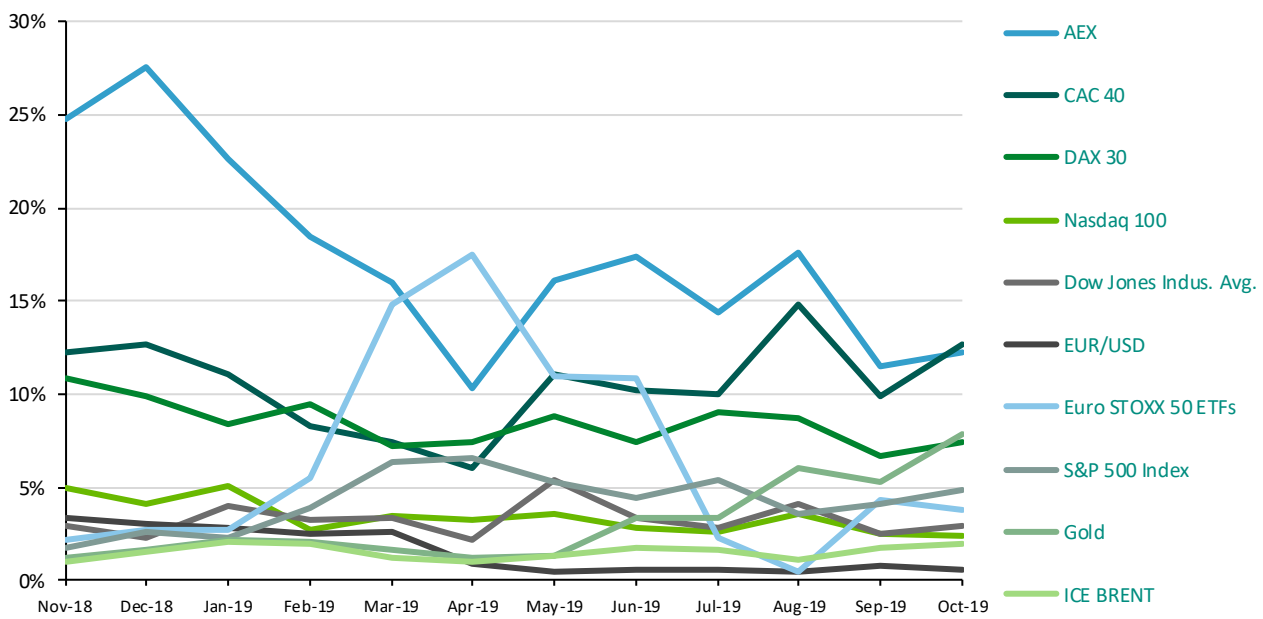
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TOP 10 UNDERLYINGS

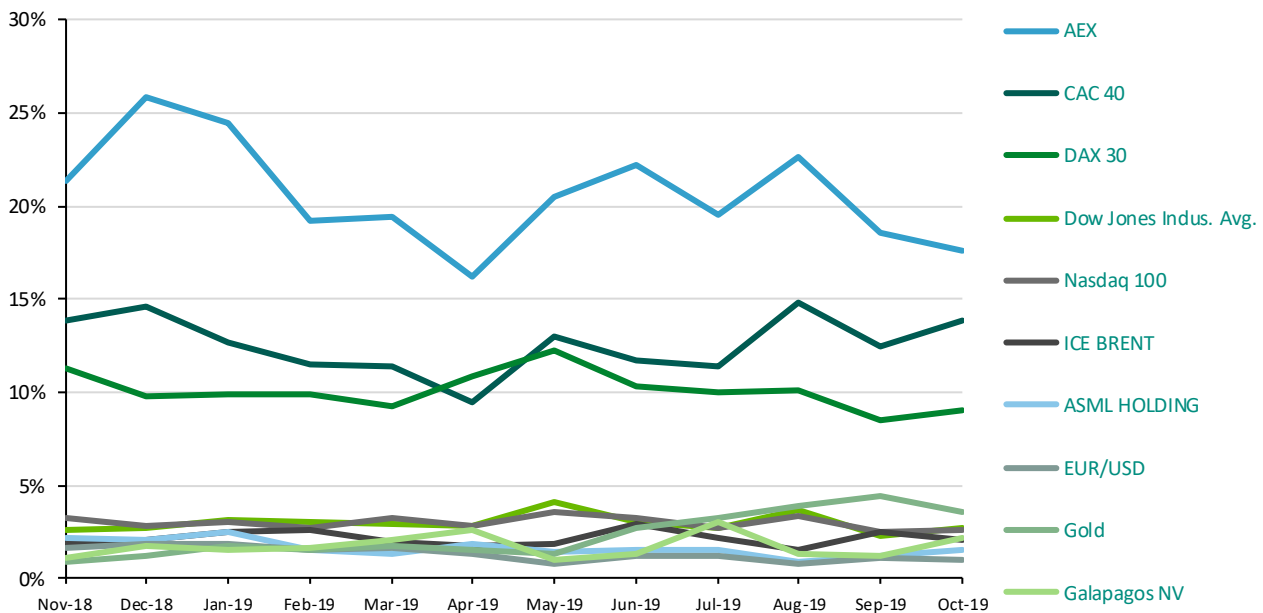
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

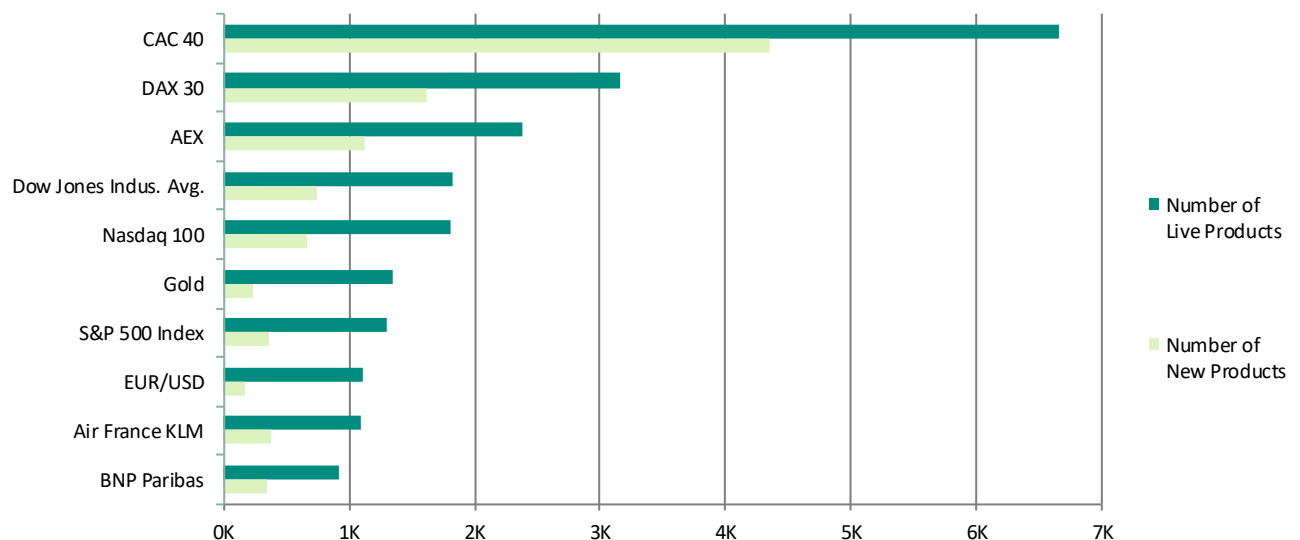
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	6,651	-3.6%	-4.5%	8.8%	4,346	31%	20%	18.2%
DAX 30	3,165	-6.0%	-3.9%	4.2%	1,612	58%	25%	6.8%
AEX	2,380	-1.1%	-4.6%	3.1%	1,119	30%	35%	4.7%
Dow Jones Indus. Avg.	1,821	-11.9%	-10.8%	2.4%	751	26%	-11.1%	3.1%
Nasdaq 100	1,803	-10.7%	-2.6%	2.4%	667	7.2%	-14.0%	2.8%
Gold	1,349	-3.2%	8.9%	1.8%	233	-8.6%	-16.0%	1.0%
S&P 500 Index	1,296	-11.4%	-11.0%	1.7%	362	22%	-15.5%	1.5%
EUR/USD	1,115	-3.7%	-14.6%	1.5%	175	-29%	-29%	0.7%
Air France KLM	1,100	-7.7%	-7.4%	1.5%	378	32%	-14.3%	1.6%
BNP Paribas	911	-4.9%	-9.1%	1.2%	348	56%	25%	1.5%
Other	54,249	-3.2%	5.1%	71.5%	13,861	7.8%	6.6%	58.1%
Total	75,840	-4.0%	1.9%	100%	23,852	15.9%	8.3%	100%

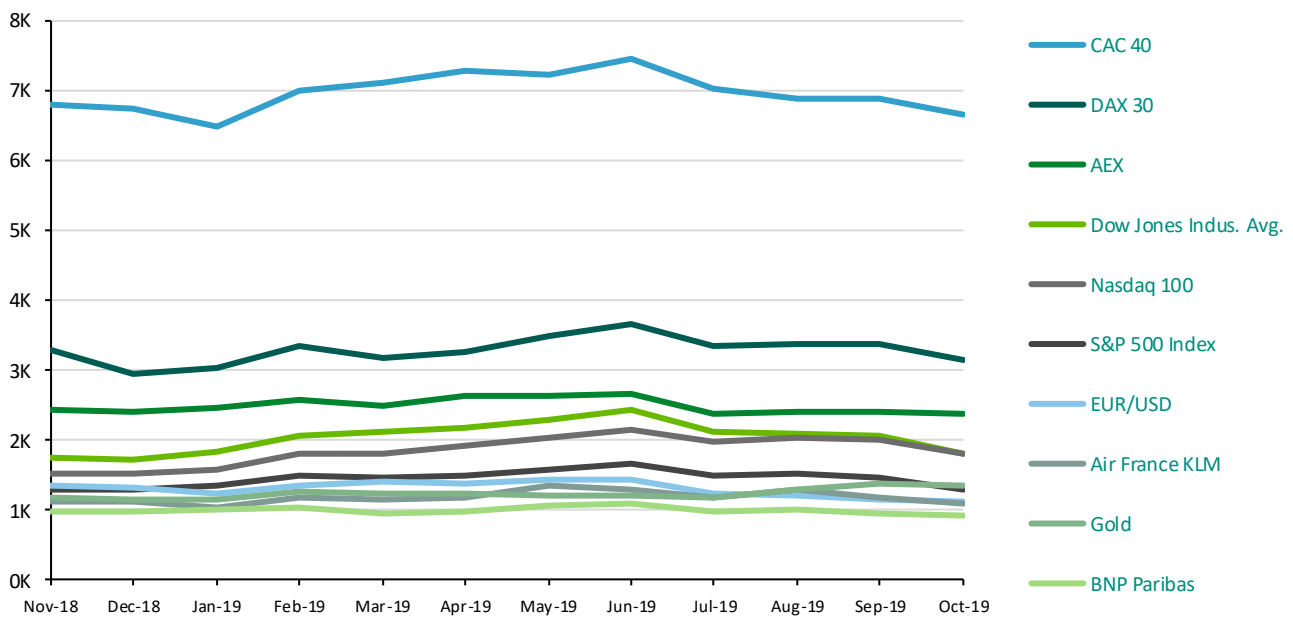
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TOP 10 UNDERLYINGS

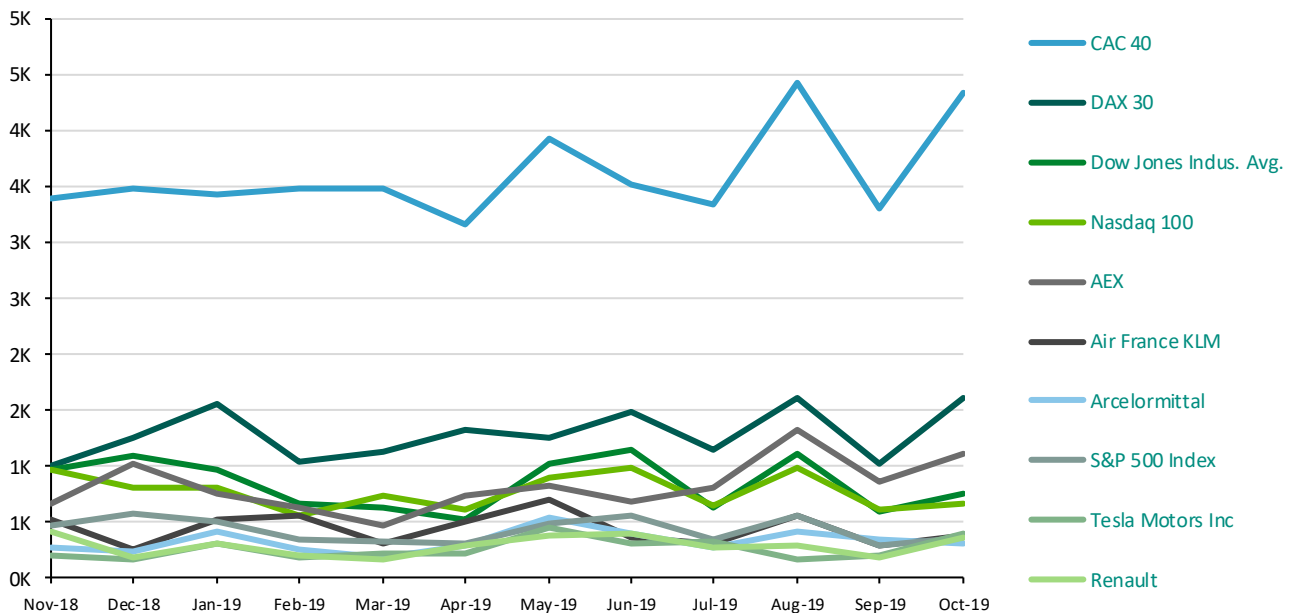
Product Trend: Number of Live Products

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	96,985	3,558
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	49,552	2,806
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	41,911	2,162
LU2051401235	KBC	1260	Express Certificates	STOXX 600 Oil & Gas Index	20,000	128
NL0013562135	ING	2100	Warrants	Euro STOXX 50 ETFs	19,190	1,608
NL0013771546	ING	2100	Warrants	Euro STOXX 50 ETFs	16,969	3,336
LU2051401318	KBC	1260	Express Certificates	STOXX 600 Oil & Gas Index	15,400	90
NL0013562143	ING	2100	Warrants	Euro STOXX 50 ETFs	12,003	1,024
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	11,060	962
NL0012969141	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	10,988	88
DE000VF6XJM2	Vontobel	2205	Open-End Knock-Out Warrants	Gold	8,131	1,058
NL0013763907	BNP Paribas	2210	Mini-Futures	AEX	7,583	1,108
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	6,728	992
DE000CJ3L942	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	6,563	424
PTBITYE0034	BCP	1300	Tracker Certificates	DAX 30	6,480	472
DE000CU15504	Commerzbank	2300	Constant Leverage Certificate	CAC 40	4,945	546
NL0013751894	BNP Paribas	2210	Mini-Futures	Gold	4,937	648
NL0013293434	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	4,724	1,108
NL0012983282	BNP Paribas	1250	Capped Bonus Certificates	Euro STOXX 50	4,588	96
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	4,541	214
DE000CJ3MAW9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	4,497	196
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	4,443	352
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,424	520
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,233	794
NL0013583974	BNP Paribas	2210	Mini-Futures	VIX Futures	4,015	108
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	4,000	520
NL0013598980	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	3,876	730
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	3,814	316
NL0013582422	BNP Paribas	2210	Mini-Futures	AEX	3,791	6,830
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	3,713	328
NL0013751886	BNP Paribas	2210	Mini-Futures	Gold	3,686	398
DE000CD21YJ2	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	3,528	60
FRBNPP014ZX2	BNP Paribas	2210	Mini-Futures	Eramet	3,460	322
DE000CU1FQX6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,390	1,320
NL0013638026	Goldman Sachs	2210	Mini-Futures	AEX	3,357	74
LU1921213960	Société Générale	2210	Mini-Futures	CAC 40	3,258	1,466
LU1815432056	Société Générale	1300	Tracker Certificates	CAC 40 x10 Short Index	3,255	432
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	3,170	126
NL0013751472	BNP Paribas	2210	Mini-Futures	Gold	3,156	252
NL0013762180	BNP Paribas	2210	Mini-Futures	AEX	3,098	3,428
NL0013730898	Goldman Sachs	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,980	68
NL0013746472	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,941	472
NL0013578420	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,876	2,024
NL0013506793	ING	2210	Mini-Futures	AEX	2,848	4,038
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	2,623	1,232
NL0013354608	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,506	2,088
DE000KA1TA26	Citi	2205	Open-End Knock-Out Warrants	Gold	2,471	500
FR0013101565	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	2,462	276
NL0013374564	BNP Paribas	2205	Open-End Knock-Out Warrants	Galapagos NV	2,432	104
NL0013614837	Goldman Sachs	2210	Mini-Futures	Altice	2,340	50

(Source Euronext)



Euronext Amsterdam

ISSUERS

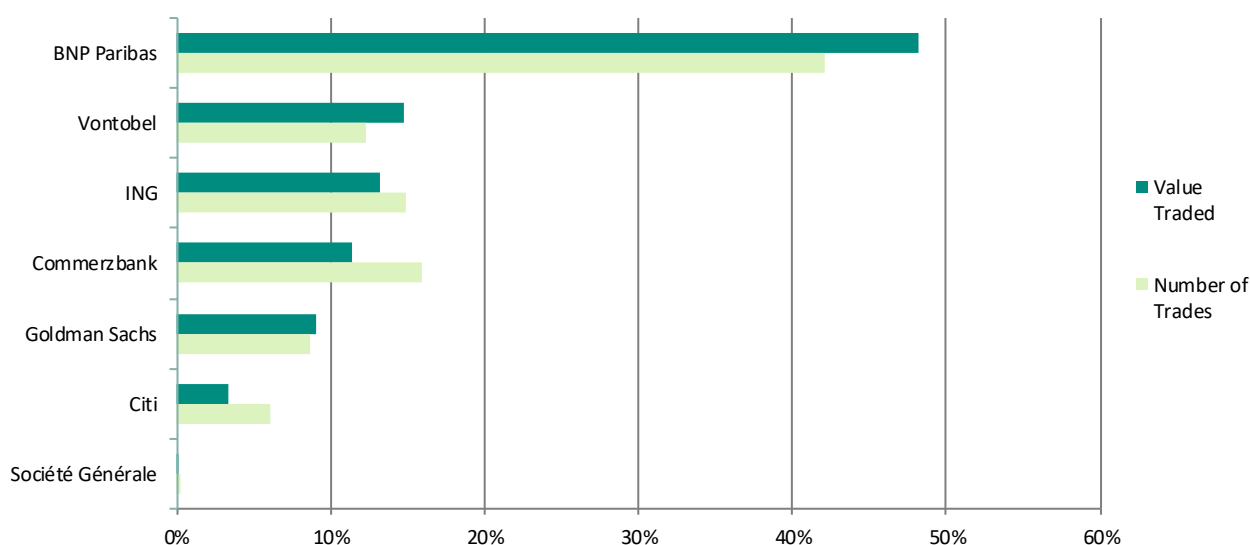
Market Overview

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	8,978	13.3%	8.4%	48.2%	2,911	10.1%	18.8%	42.1%
Vontobel	2,754	-5.4%	2.2%	14.8%	849	2.6%	-6.2%	12.3%
ING	2,447	-12.7%	-4.7%	13.1%	1,028	-7.3%	10.3%	14.9%
Commerzbank	2,127	-14.3%	-0.3%	11.4%	1,097	-10.7%	-8.5%	15.9%
Goldman Sachs	1,683	41%	47%	9.0%	601	-26.2%	-19.2%	8.7%
Citi	619	5.2%	-9.0%	3.3%	419	5.7%	-24.7%	6.1%
Société Générale	17	-27%	-80%	0.1%	16	2.1%	-77.9%	0.2%
Total	18,624	3.9%	5.9%	100%	6,920	-1.6%	0.9%	100%

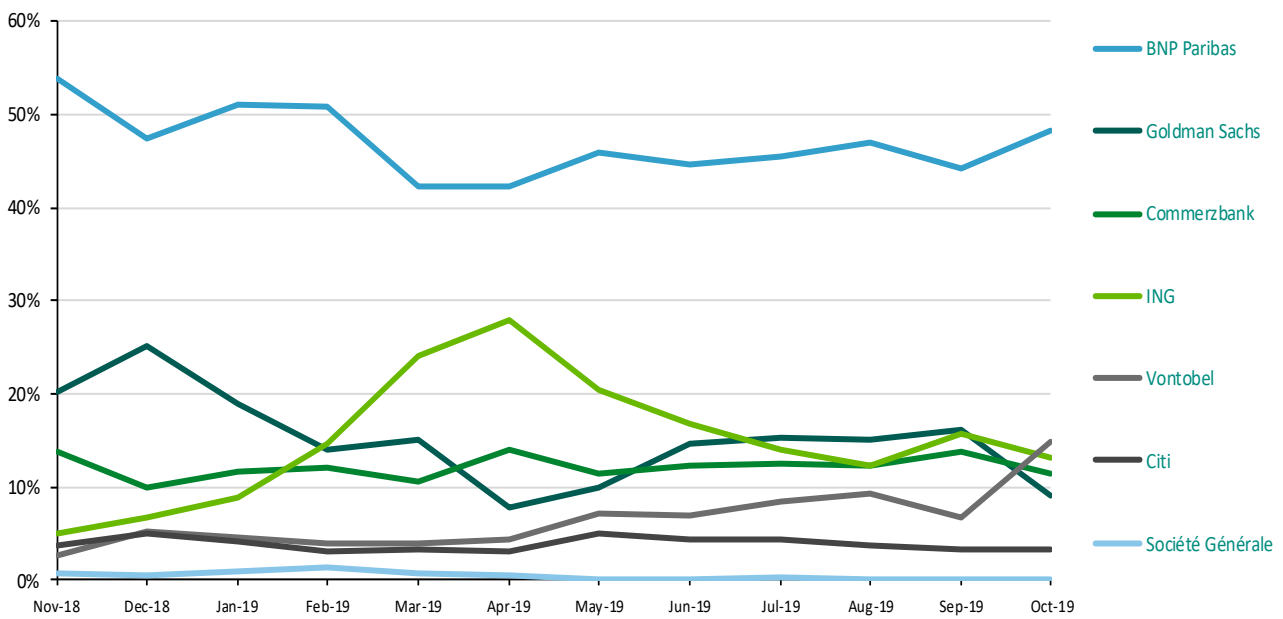
(Source Euronext)



ISSUERS

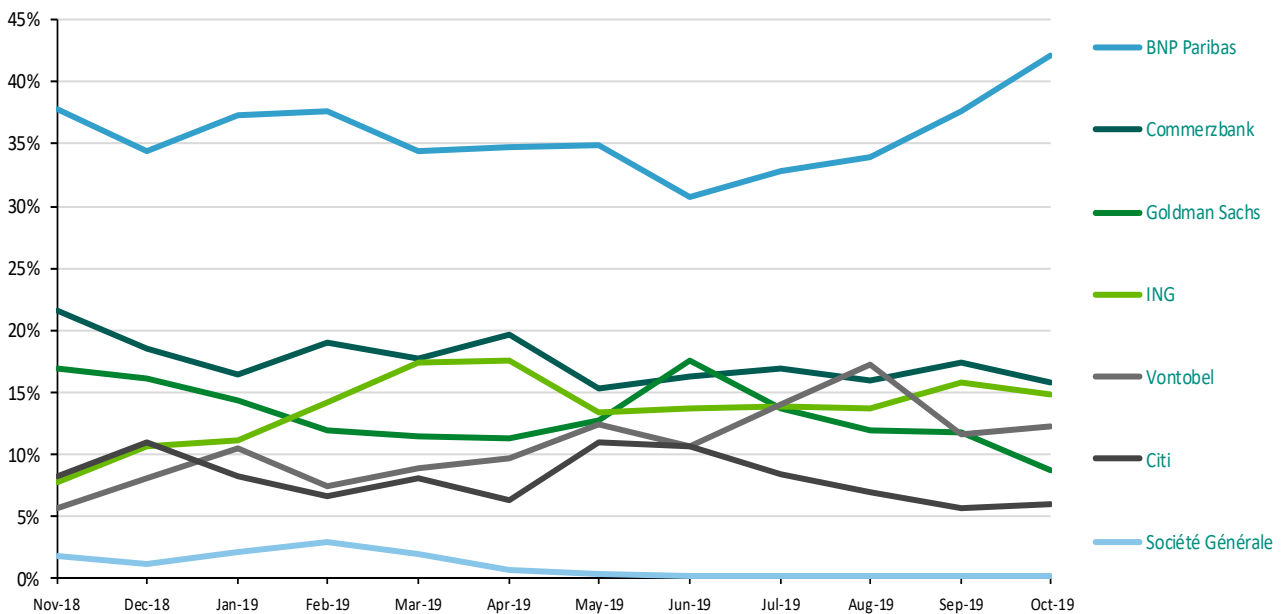
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

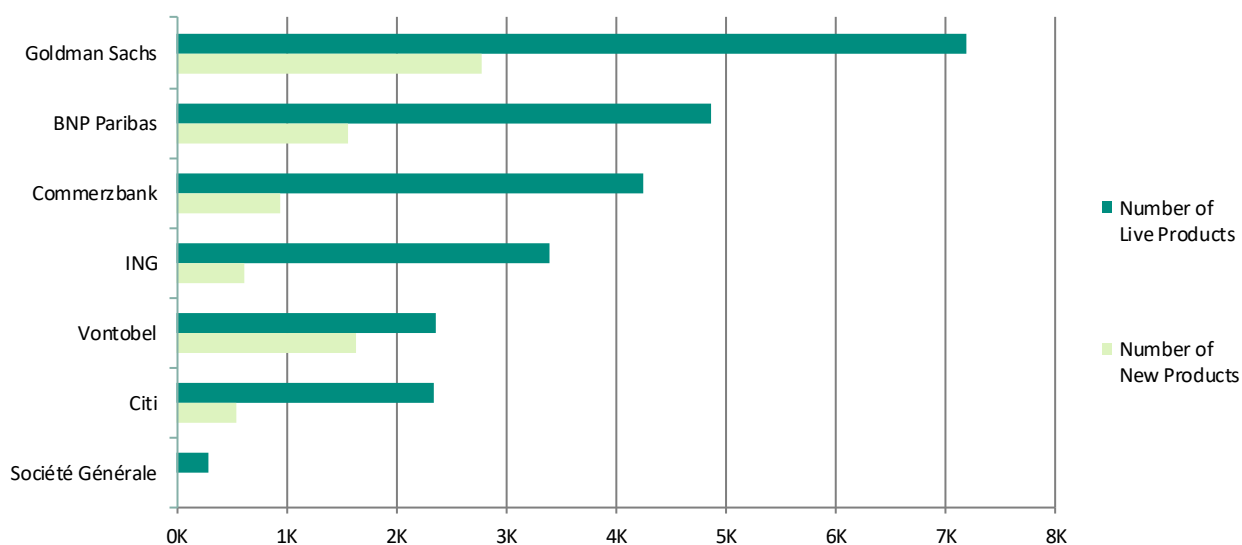
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	7,185	-1.6%	26%	29.1%	2,781	6.5%	34%	34.5%
BNP Paribas	4,866	1.6%	13.3%	19.7%	1,553	11.8%	30%	19.3%
Commerzbank	4,248	-2.0%	0.5%	17.2%	934	19.3%	10.4%	11.6%
ING	3,395	0.9%	17.1%	13.7%	618	-4.3%	47%	7.7%
Vontobel	2,364	2.4%	-2.4%	9.6%	1,626	57%	43%	20.2%
Citi	2,349	4.0%	5.2%	9.5%	547	-19.0%	2.1%	6.8%
Société Générale	294	-3.7%	-28%	1.2%	0		-100%	0.0%
Total	24,702	0.1%	11.2%	100%	8,059	12.9%	28.6%	100%

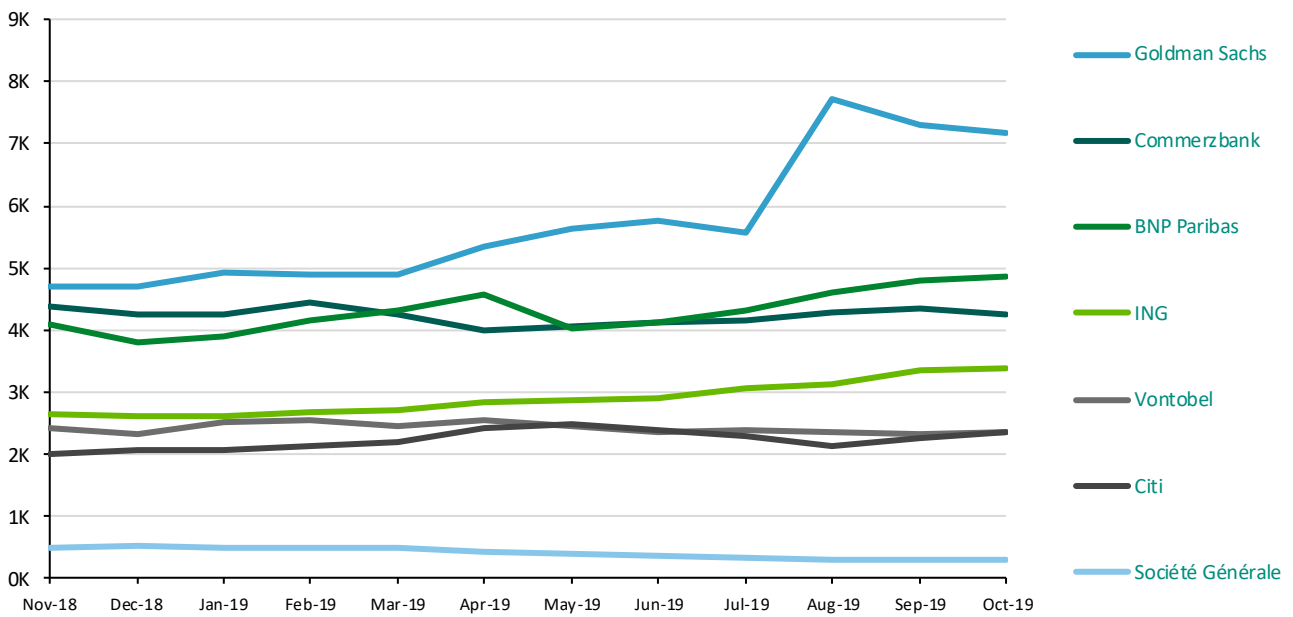
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ISSUERS

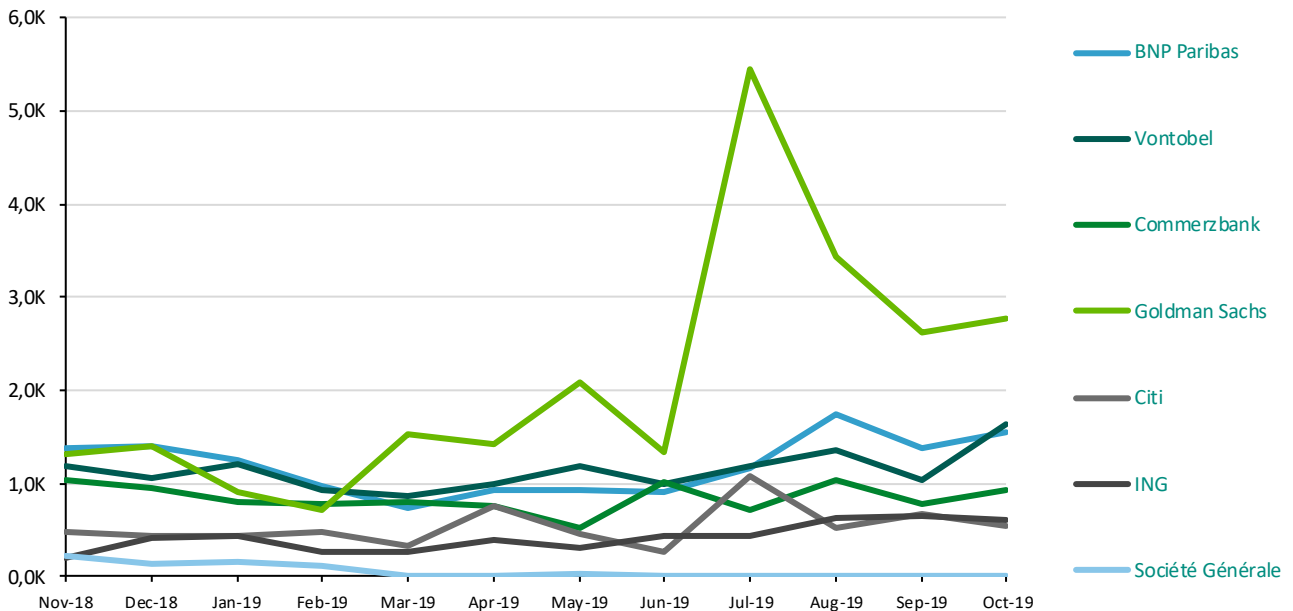
Product Trend: Number of Live Products

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

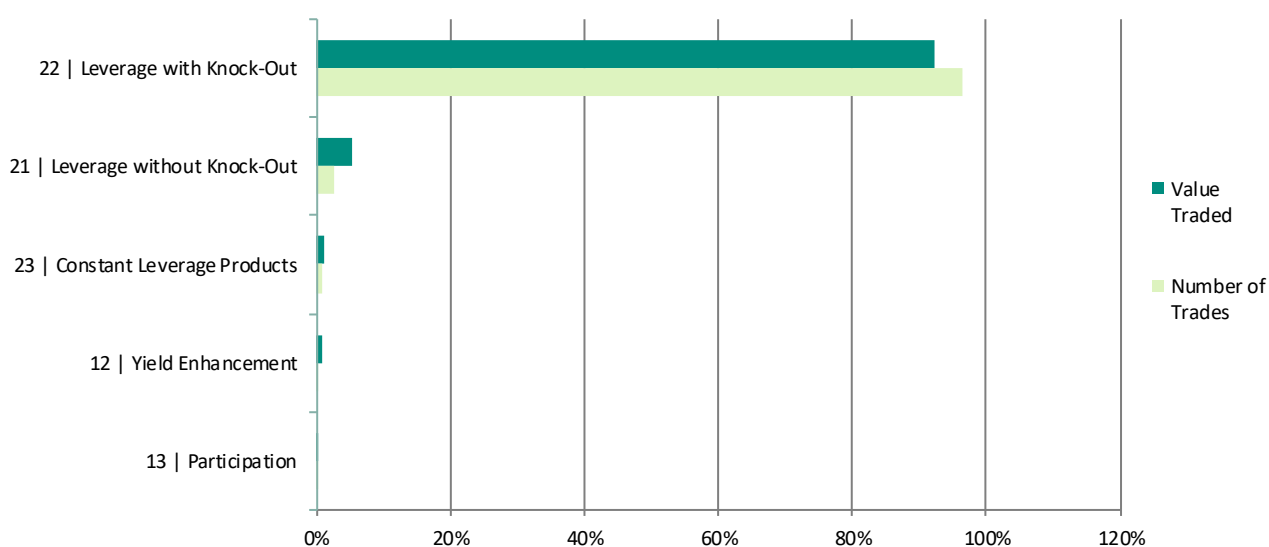
Market Overview

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	17,206	7.3%	7.5%	92.4%	6,665	-1.3%	0.5%	96.3%
21 Leverage without Knock-Out	1,004	-22%	-17.1%	5.4%	182	8.3%	24.0%	2.6%
23 Constant Leverage Products	188	-44%	-10.2%	1.0%	56	149.8%	166.7%	0.8%
12 Yield Enhancement	180	-24%	50%	1.0%	13	-83.7%	-73.5%	0.2%
13 Participation	47	31%	56%	0.3%	3.6	-39.1%	-15.5%	0.1%
Total	18,624	3.9%	5.9%	100%	6,920	-1.6%	0.9%	100%

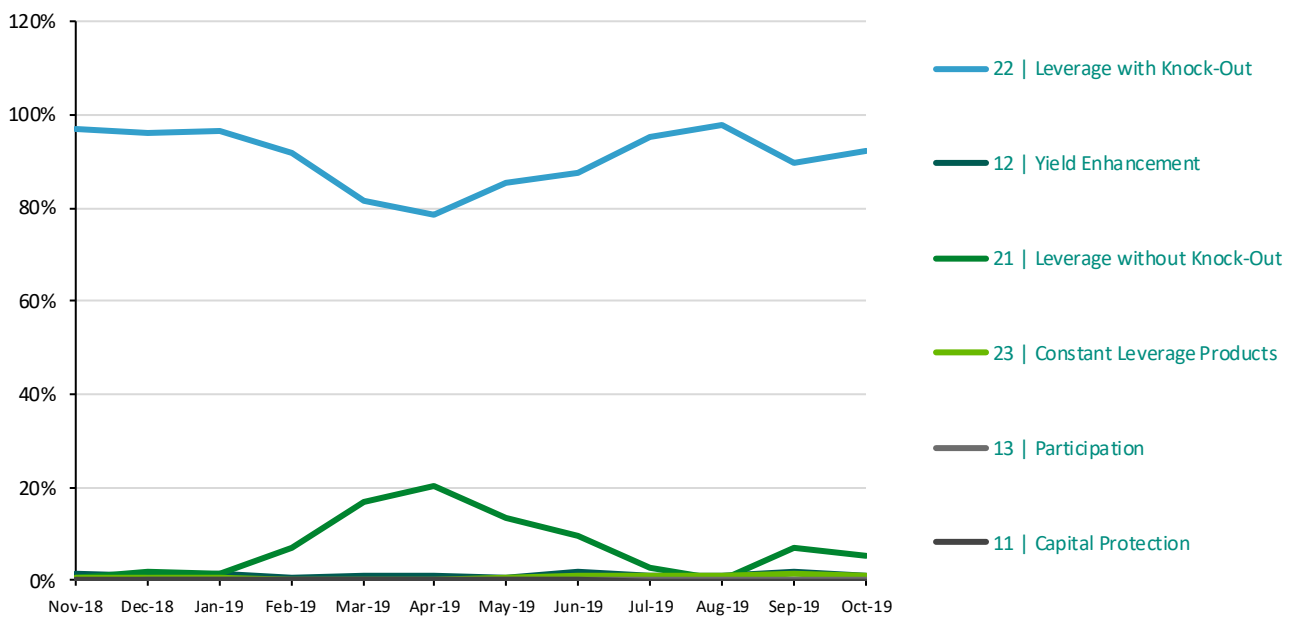
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

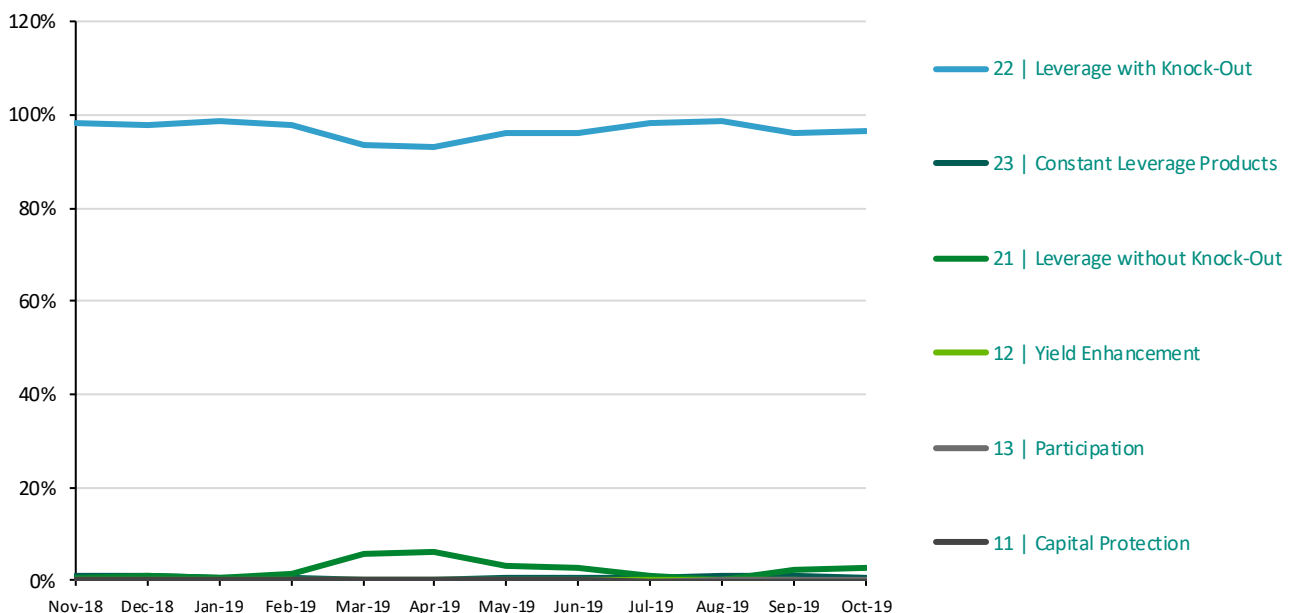
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

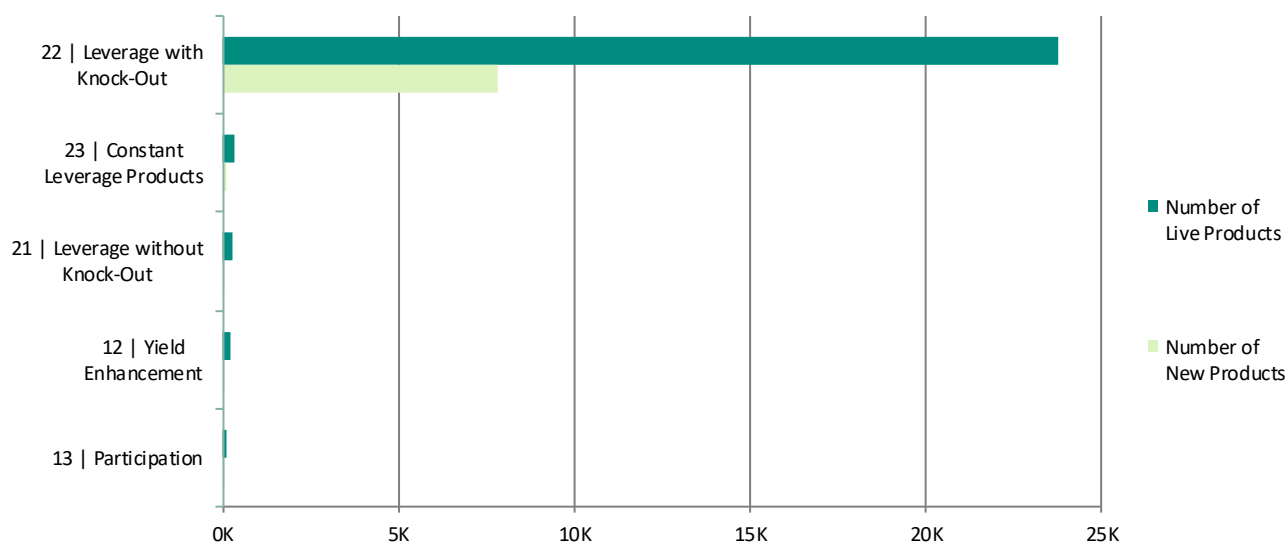
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	23,798	0.1%	11.8%	96.3%	7,831	10.4%	27%	97.2%
23 Constant Leverage Products	302	28%	18.3%	1.2%	82	356%	560%	1.0%
21 Leverage without Knock-Out	257	-11.4%	-8.1%	1.0%	56	87%	35%	0.7%
12 Yield Enhancement	226	-6.2%	-11.1%	0.9%	63	NA	126%	0.8%
13 Participation	119	-4.3%	-10.4%	0.5%	27		234%	0.3%
Total	24,702	0.1%	11.2%	100%	8,059	12.9%	28.6%	100%

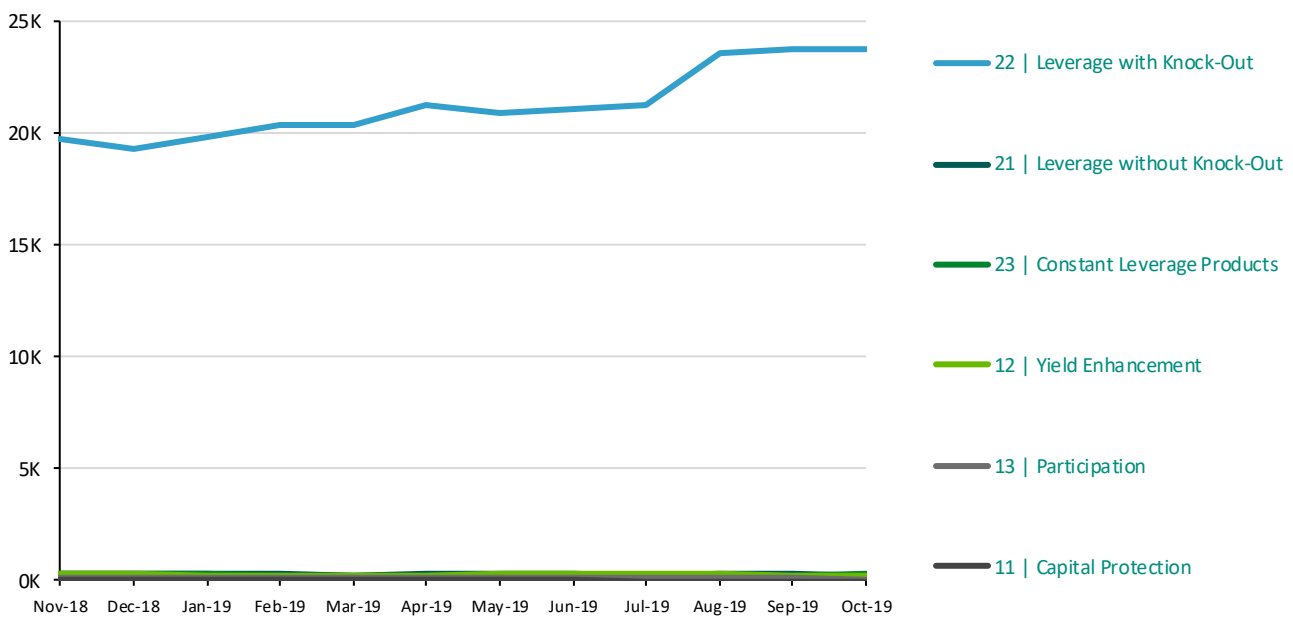
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

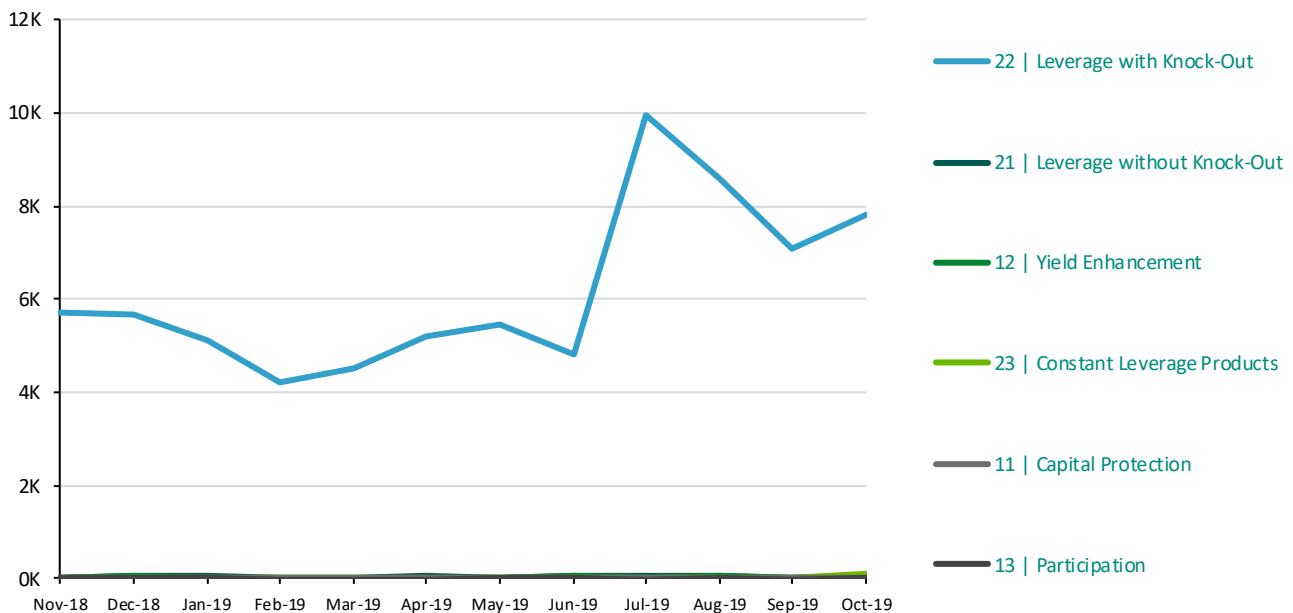
Product Trend: Number of Live Products

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)

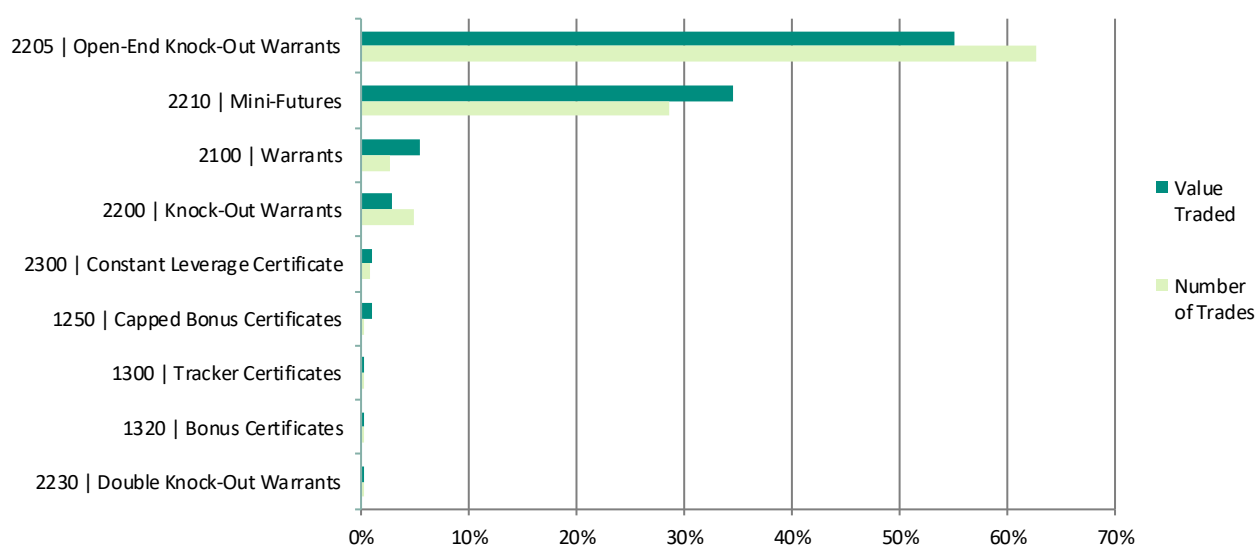
Market Overview

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	10,264	15.5%	10.6%	55.1%	4,344	-1.1%	-3.9%	62.8%
2210 Mini-Futures	6,421	-3.8%	2.2%	34.5%	1,987	-4.0%	13.3%	28.7%
2100 Warrants	1,004	-22%	-17.1%	5.4%	182	8.3%	24%	2.6%
2200 Knock-Out Warrants	521	9.3%	17.3%	2.8%	335	13.0%	-6.5%	4.8%
2300 Constant Leverage Certificate	188	-44%	-10.2%	1.0%	56	150%	167%	0.8%
1250 Capped Bonus Certificates	180	-24%	50%	1.0%	13	-84%	-74%	0.2%
1300 Tracker Certificates	34	5.2%	46%	0.2%	2.1	-42%	-3.4%	0.0%
1320 Bonus Certificates	14	234%	91%	0.1%	1.4	-34%	-26%	0.0%
2230 Double Knock-Out Warrants	0	-73%	-90%	0.0%	0.3	-71%	91%	0.0%
Total	18,624	3.9%	5.9%	100%	6,920	-1.6%	0.9%	100%

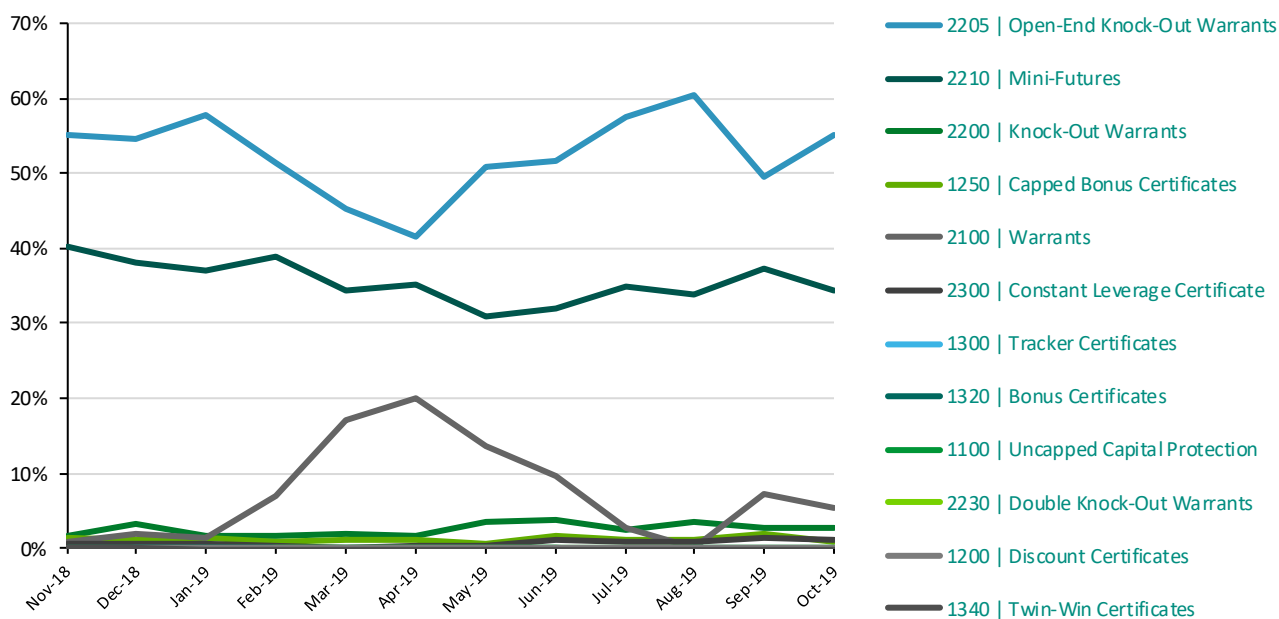
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

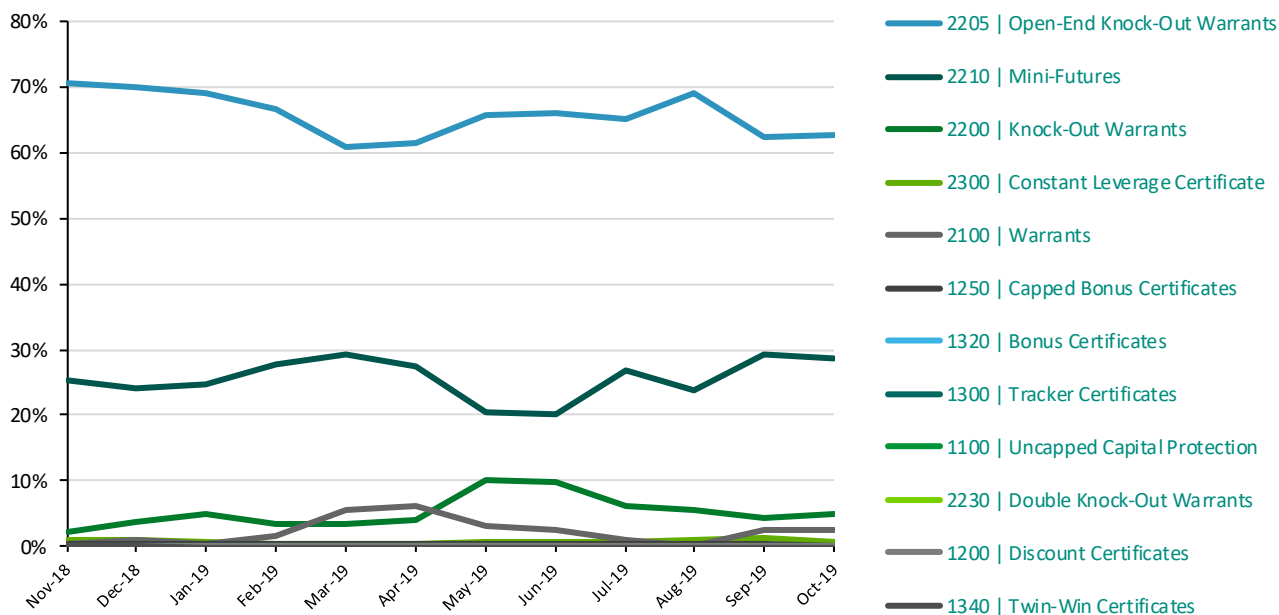
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

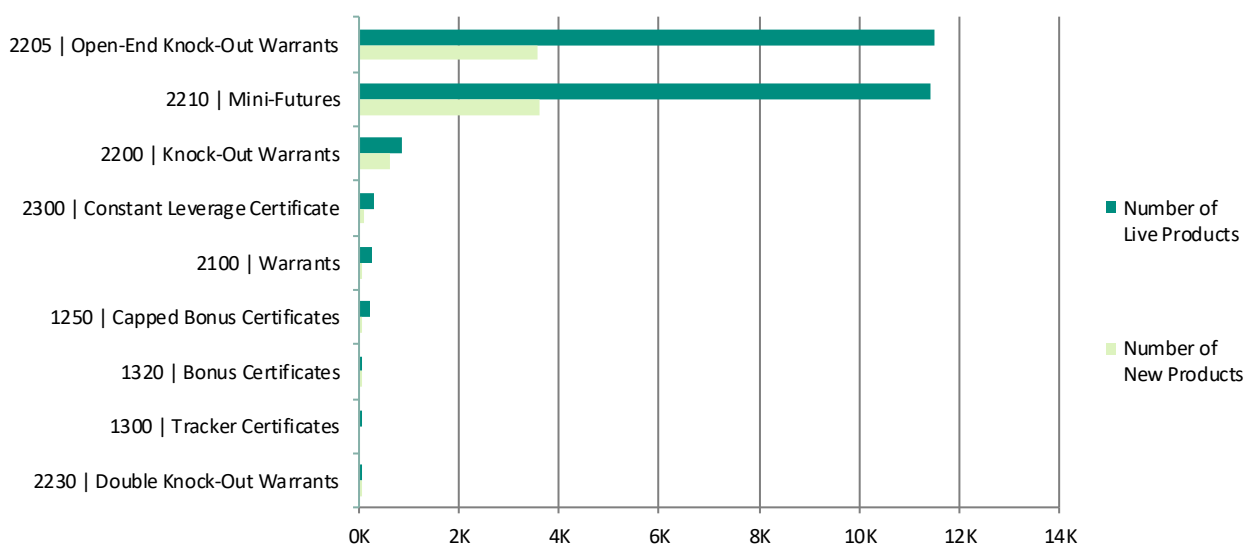
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	11,492	-0.3%	13.2%	46.5%	3,580	8.5%	16.1%	44.4%
2210 Mini-Futures	11,422	1.3%	12.1%	46.2%	3,625	7.7%	38%	45.0%
2200 Knock-Out Warrants	838	-9.0%	-7.7%	3.4%	613	51%	33%	7.6%
2300 Constant Leverage Certificate	302	28%	18.3%	1.2%	82	356%	560%	1.0%
2100 Warrants	257	-11.4%	-8.1%	1.0%	56	87%	35%	0.7%
1250 Capped Bonus Certificates	224	-6.8%	-10.2%	0.9%	56	NA	106%	0.7%
1320 Bonus Certificates	62	-7.7%	-17.6%	0.3%	27		245%	0.3%
1300 Tracker Certificates	57	-0.4%	-0.7%	0.2%	0		-100%	0.0%
2230 Double Knock-Out Warrants	46	-8.6%	44%	0.2%	13	-41%	-10.9%	0.2%
Total	24,702	0.1%	11.2%	100%	8,059	12.9%	29%	100%

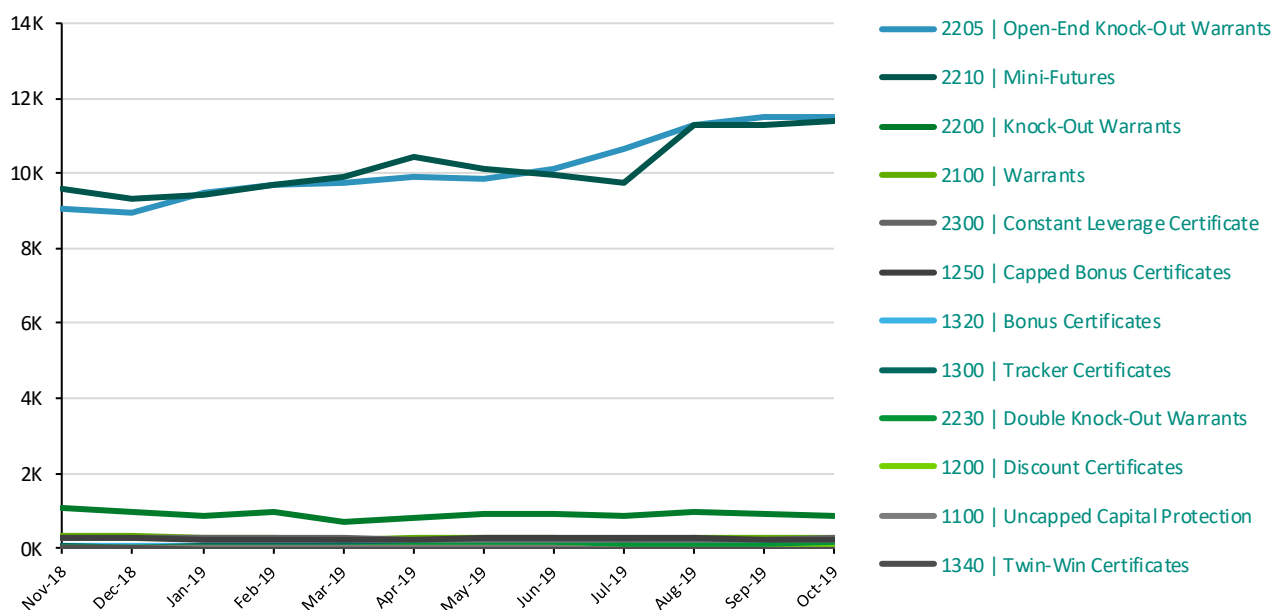
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

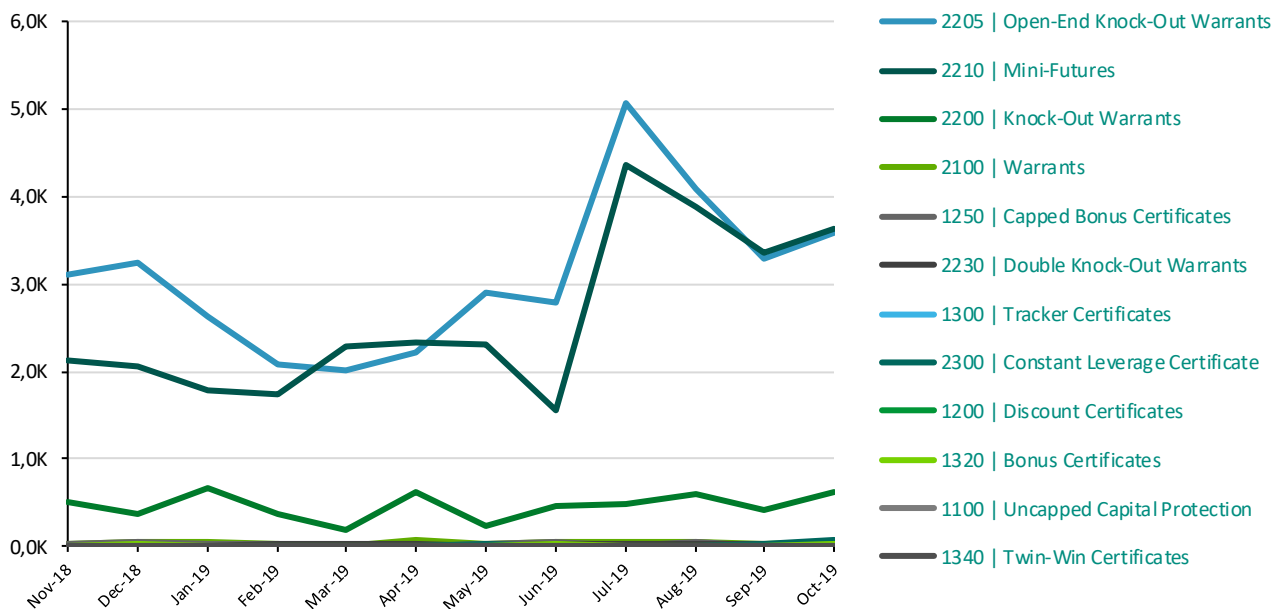
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

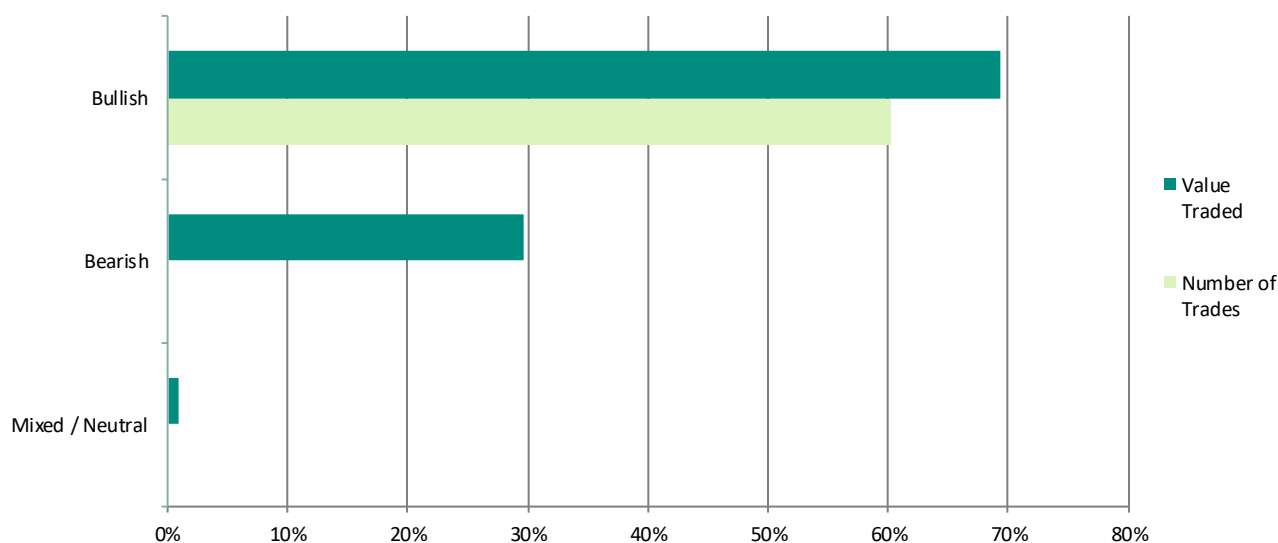
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	12,916	3.5%	11.4%	69.3%	4,172	6.3%	-1.9%	60.3%
Bearish	5,529	8.2%	-4.3%	29.7%	0.0	-100%	-100%	0.0%
Mixed / Neutral	180	-46%	-14.0%	1.0%	0.0	-100%	-100%	0.0%
Total	18,624	3.9%	5.9%	100%	6,920	-1.6%	0.9%	100%

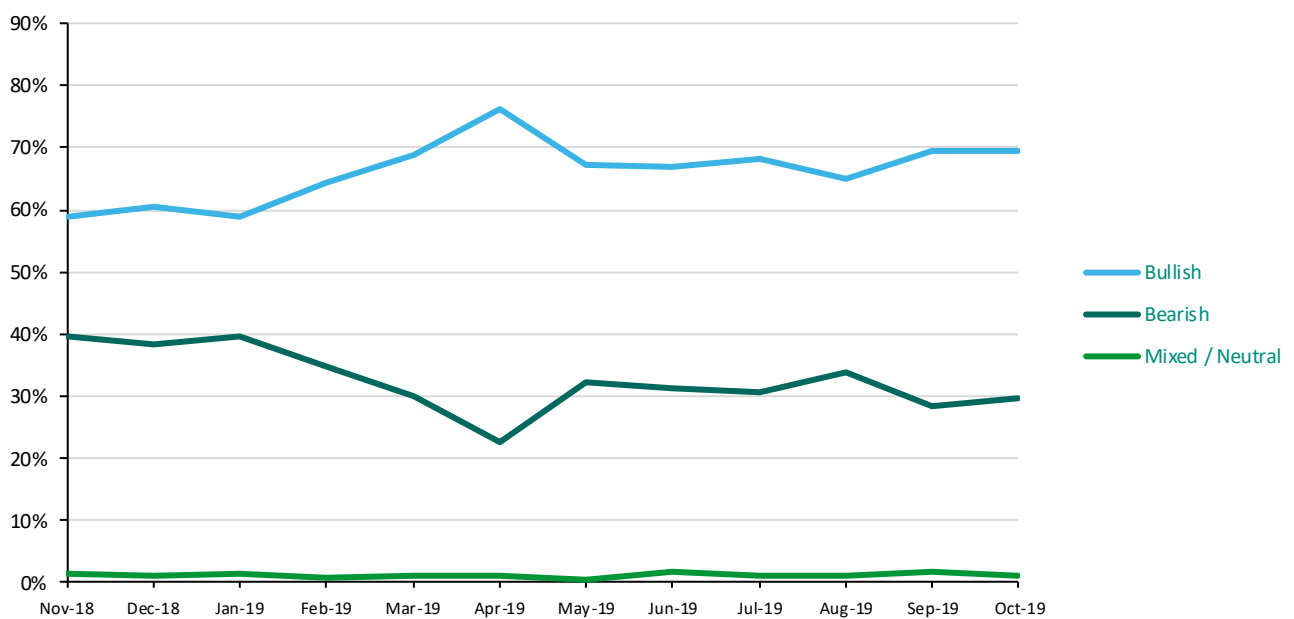
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PRODUCT STRATEGIES

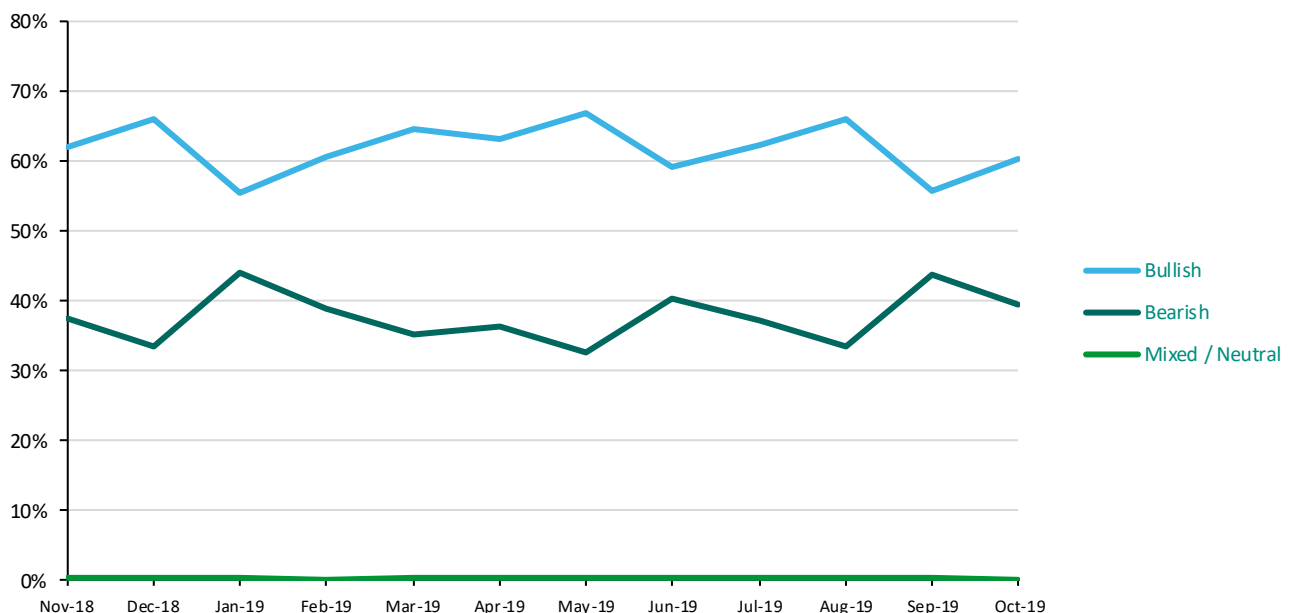
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

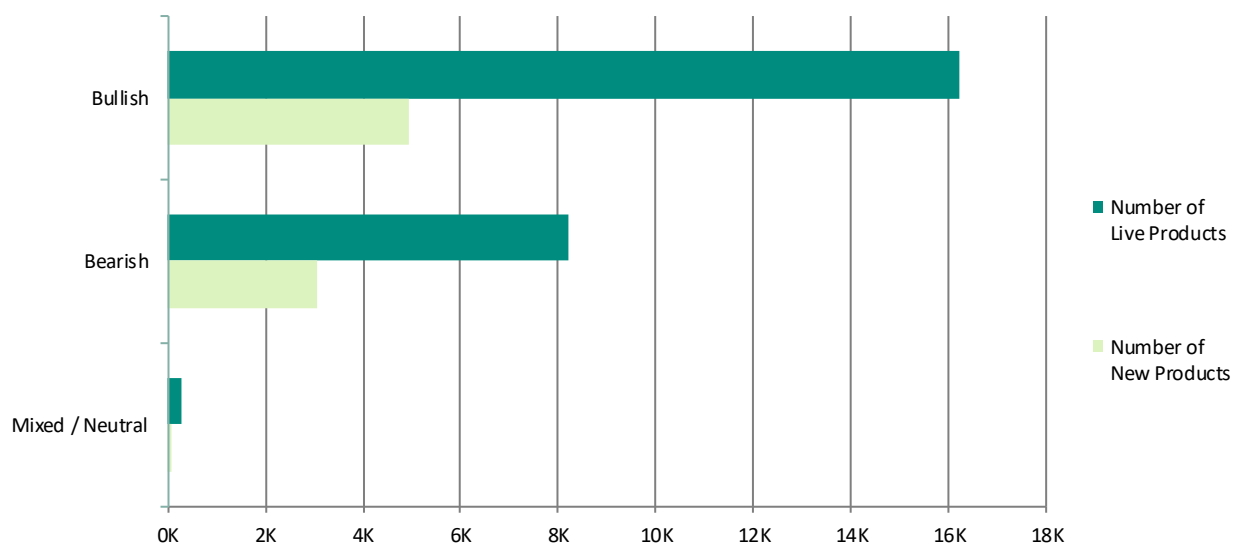
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	16,224	-0.3%	16.6%	65.7%	4,923	5.7%	33%	61.1%
Bearish	8,204	1.2%	2.6%	33.2%	3,060	24%	21%	38.0%
Mixed / Neutral	273	-6.6%	-4.9%	1.1%	76	230%	79%	0.9%
Total	24,702	0.1%	11.2%	100%	8,059	12.9%	28.6%	100%

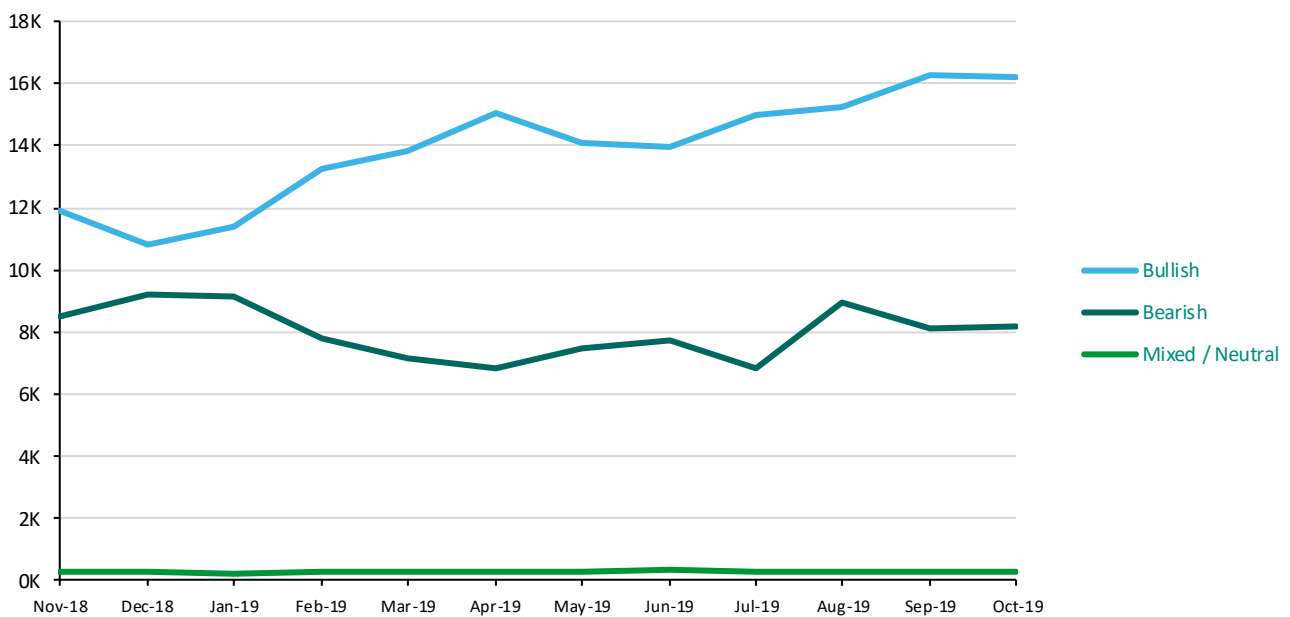
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PRODUCT STRATEGIES

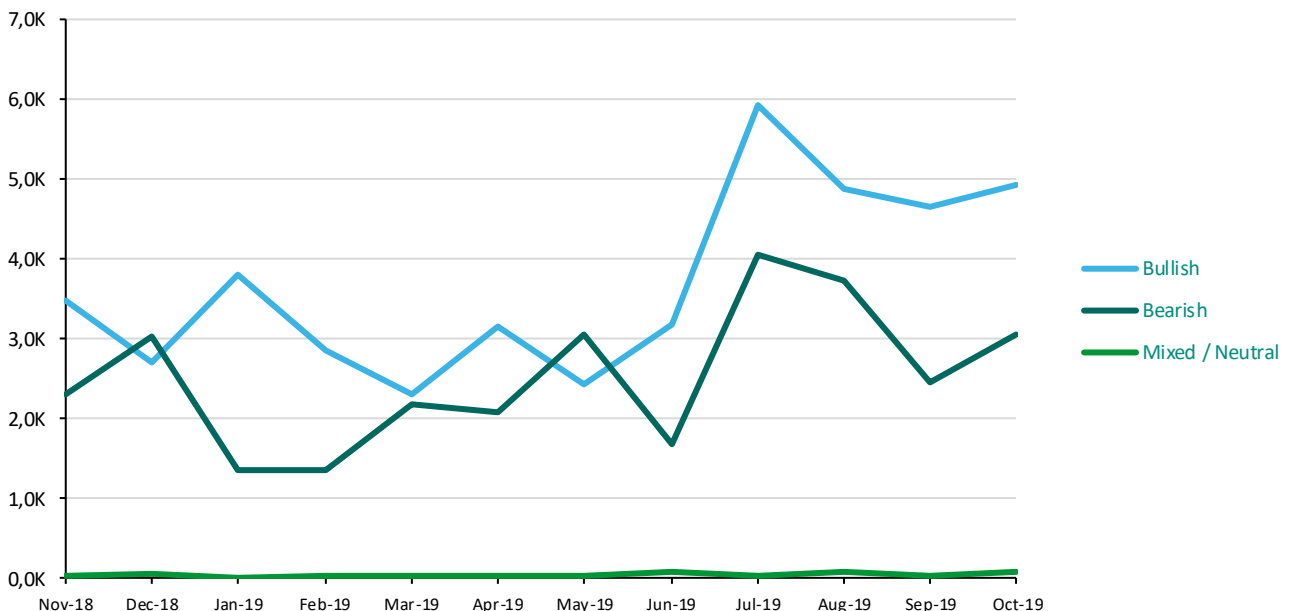
Product Trend: Number of Live Products

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

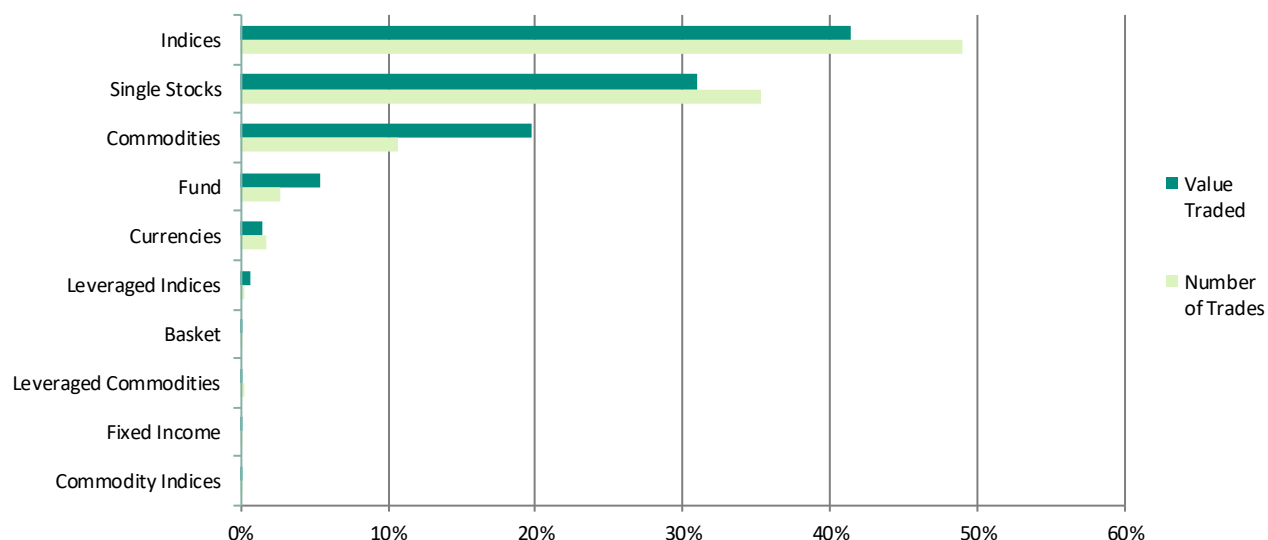
Market Overview

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	7,711	5.4%	-15.9%	41.4%	3,392	-3.1%	-9.0%	49.0%
Single Stocks	5,775	1.2%	19.6%	31.0%	2,442	11.5%	10.4%	35.3%
Commodities	3,676	18.5%	119%	19.7%	738	-24.5%	32.9%	10.7%
Fund	1,002	-22%	-17.1%	5.4%	182	9.3%	25.5%	2.6%
Currencies	278	-3.9%	-47%	1.5%	121	-5.8%	-15.5%	1.7%
Leveraged Indices	127	-1.9%	117%	0.7%	18	-31.5%	-17.3%	0.3%
Basket	20	-61%	-50%	0.1%	1.0	-96.5%	-95.4%	0.0%
Leveraged Commodities	18	-42%	-49%	0.1%	18	0.0%	-4.5%	0.3%
Fixed Income	15	-20%	-37%	0.1%	9.7	536.3%	-12.0%	0.1%
Commodity Indices	1	180%	-93%	0.0%	0.2	265.2%	-84.8%	0.0%
Total	18,624	3.9%	5.9%	100%	6,920	-1.6%	0.9%	100%

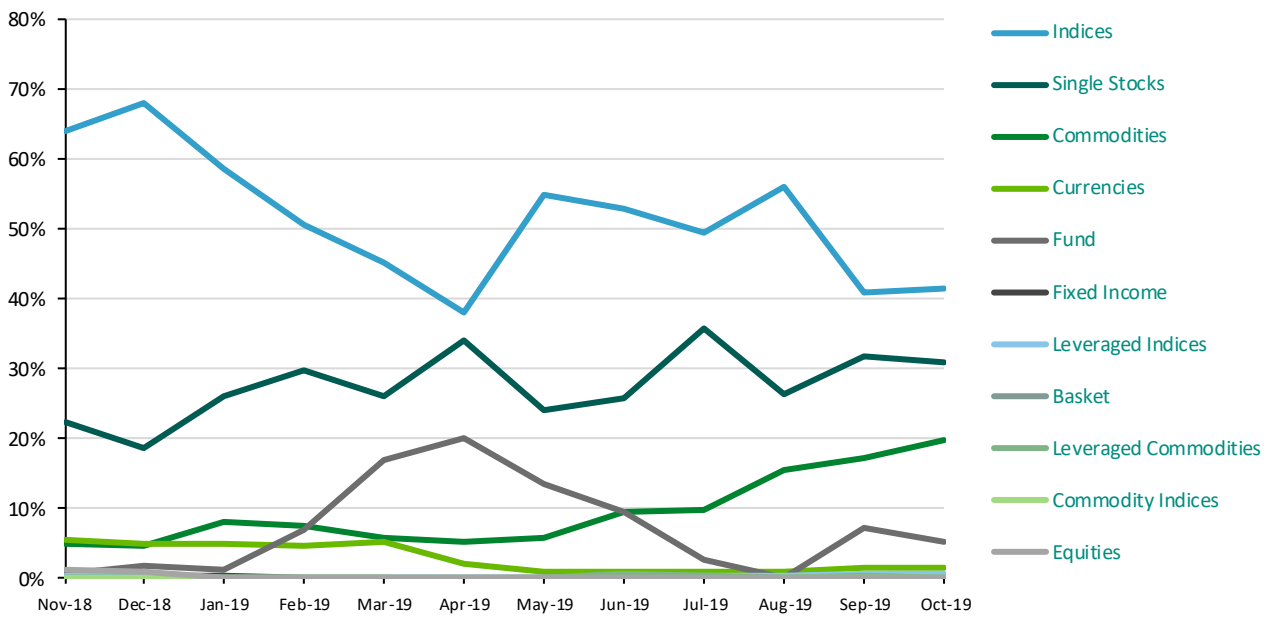
(Source Euronext)



UNDERLYING TYPES

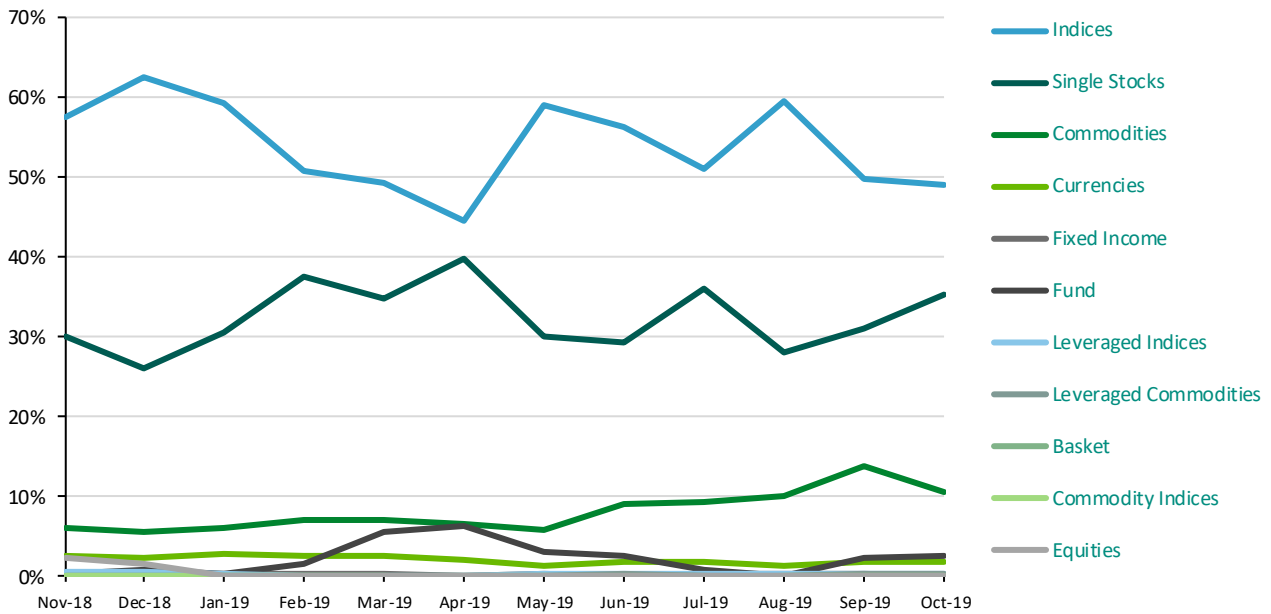
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

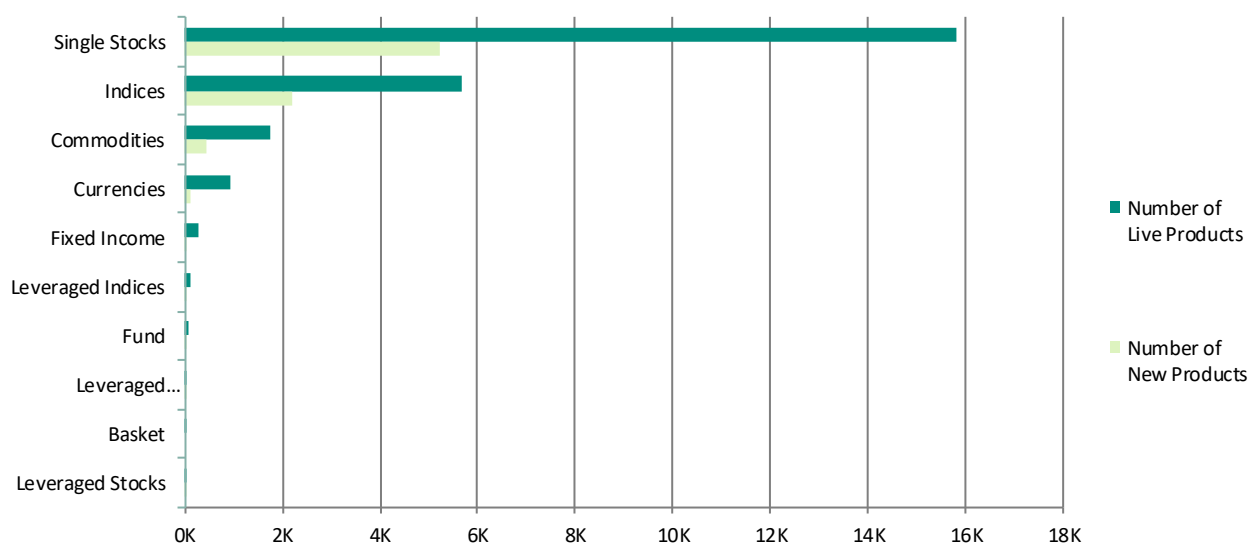
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	15,805	0.7%	26%	64.0%	5,210	10.3%	37%	64.6%
Indices	5,693	-2.3%	-11.8%	23.0%	2,202	48%	21%	27.3%
Commodities	1,732	-0.5%	3.9%	7.0%	422	-41%	0.8%	5.2%
Currencies	917	0.5%	-11.3%	3.7%	127	-32%	-38%	1.6%
Fixed Income	270	0.0%	10.4%	1.1%	13	-57%	-42%	0.2%
Leveraged Indices	119	34%	19.0%	0.5%	38		NA	0.5%
Fund	85	2.6%	19.5%	0.3%	3	50%	20.0%	0.0%
Leveraged Commodities	49	56%	21%	0.2%	24		NA	0.3%
Basket	14	-0.6%	1.0%	0.1%	0			0.0%
Leveraged Stocks	11		NA	0.0%	20		NA	0.2%
Total	24,702	0.1%	11.2%	100%	8,059	12.9%	28.6%	100%

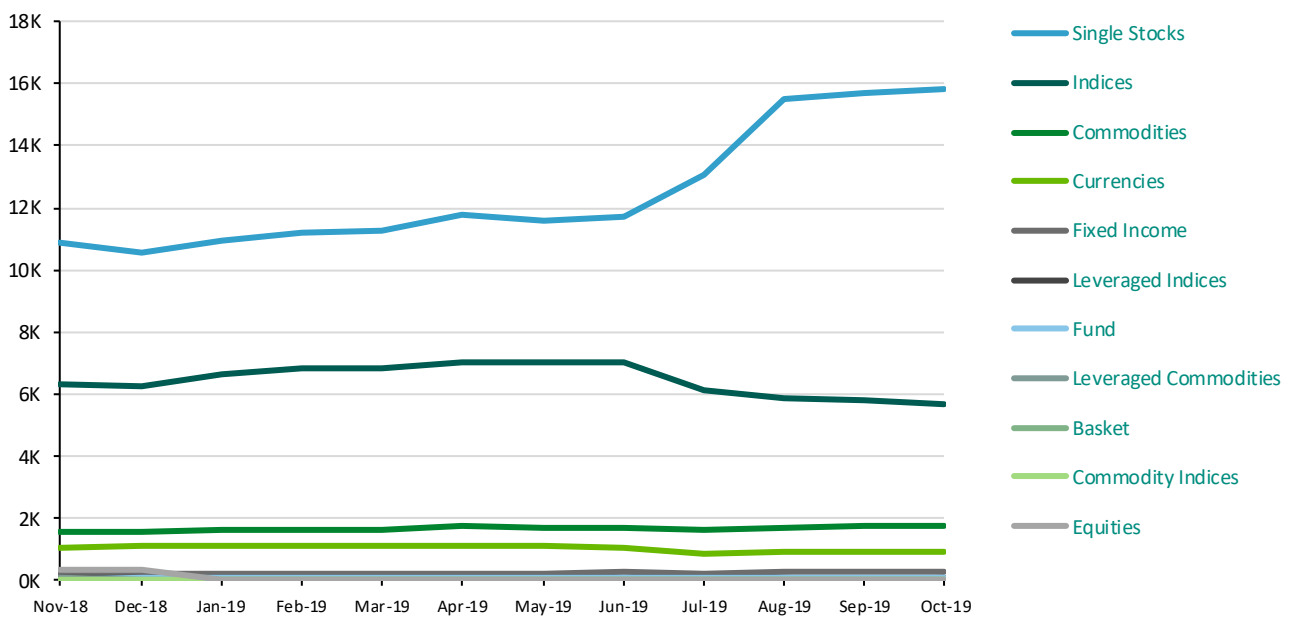
(Source Euronext)



UNDERLYING TYPES

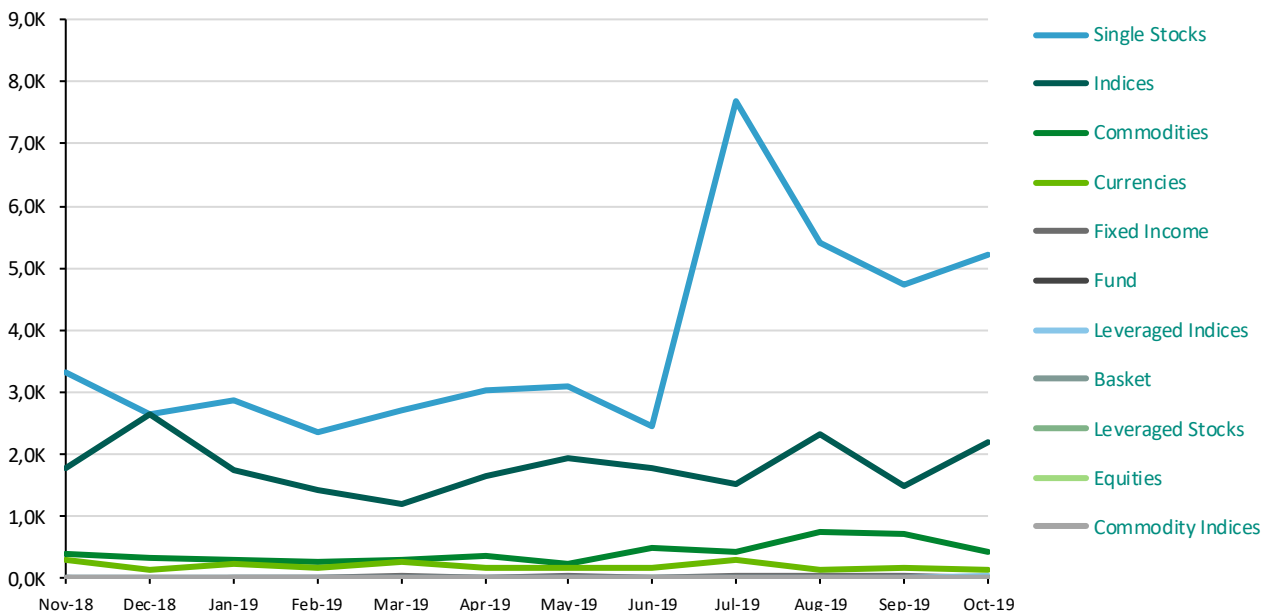
Product Trend: Number of Live Products

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

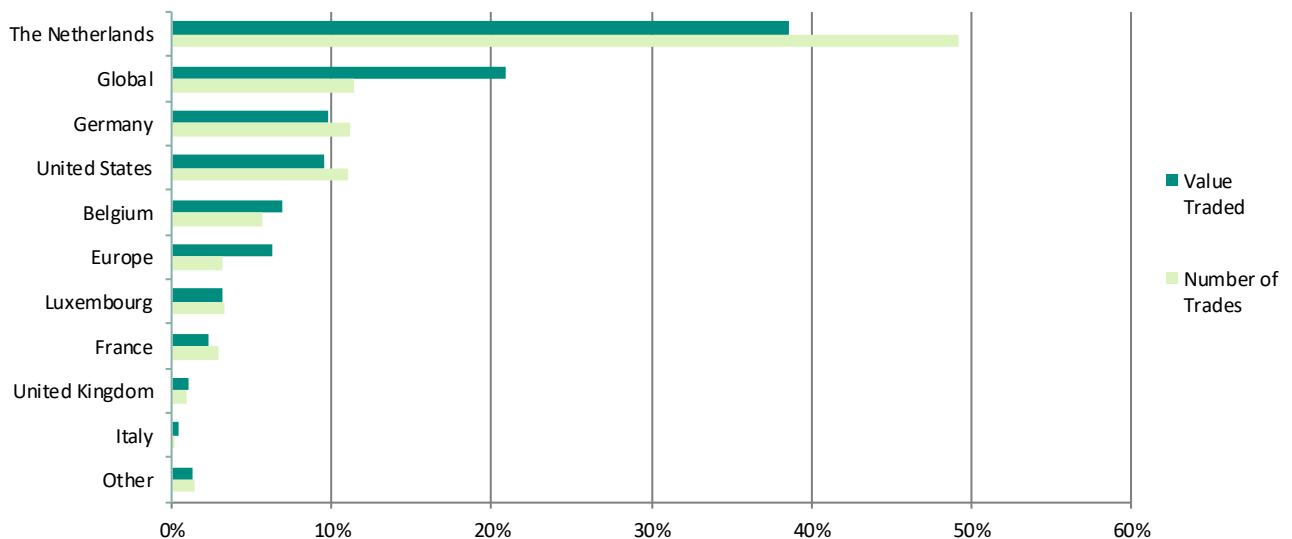
Market Overview

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	7,187	2.3%	-12.8%	38.6%	3,412	-0.2%	-5.6%	49.3%
Global	3,891	16.8%	78%	20.9%	787	-24%	-2.6%	11.4%
Germany	1,817	6.5%	-4.5%	9.8%	768	10.0%	-9.7%	11.1%
United States	1,770	4.2%	-3.5%	9.5%	763	-2.2%	28%	11.0%
Belgium	1,285	-17.5%	-5.7%	6.9%	387	90%	125%	5.6%
Europe	1,170	28%	18.9%	6.3%	213	-26%	-31%	3.1%
Luxembourg	585	-11.3%	58%	3.1%	223	-1.9%	23%	3.2%
France	412	-26%	22%	2.2%	202	-8.7%	12.0%	2.9%
United Kingdom	194	43%	17.9%	1.0%	65	15.7%	6.8%	0.9%
Italy	80	15.6%	169%	0.4%	7.5	5.3%	-63%	0.1%
Other	233	-14.8%	42%	1.3%	93	-5.6%	42%	1.3%
Total	18,624	3.9%	5.9%	100%	6,920	-1.6%	0.9%	100%

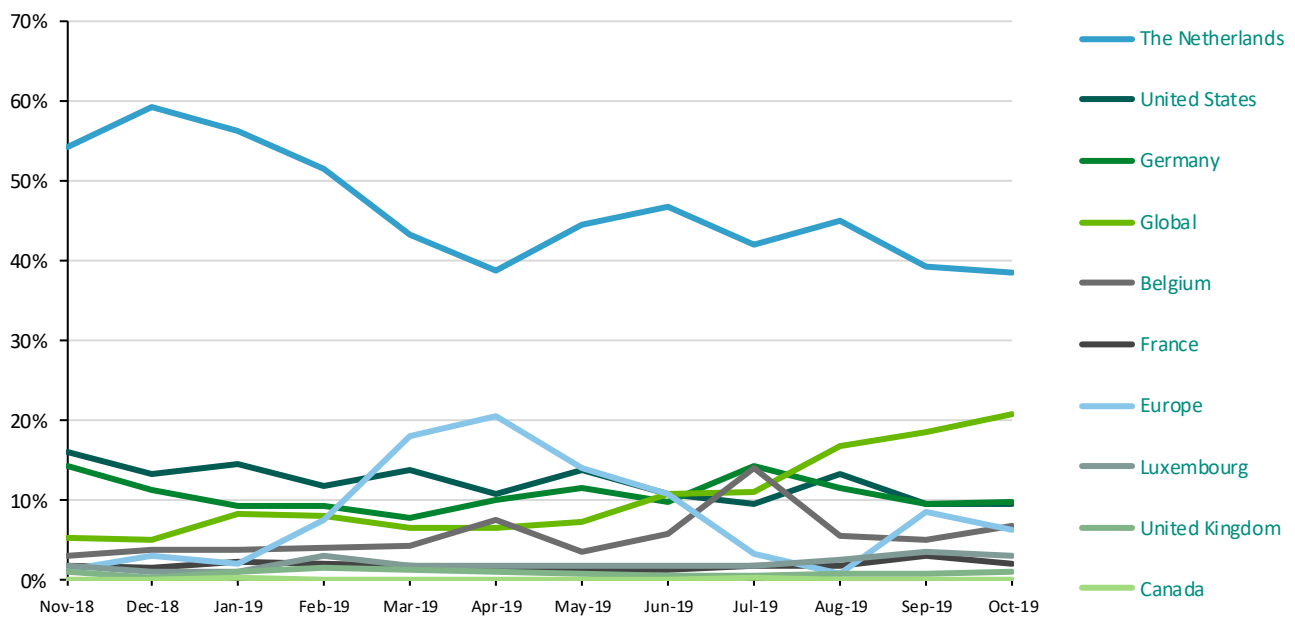
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

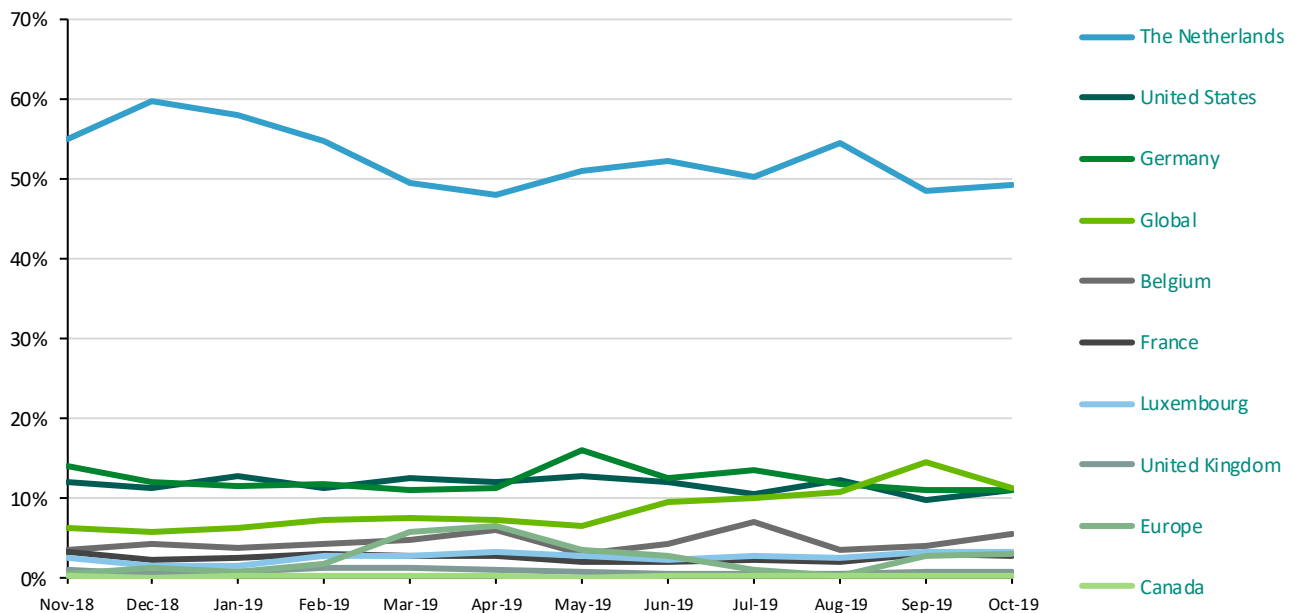
Market Trend: Value traded

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

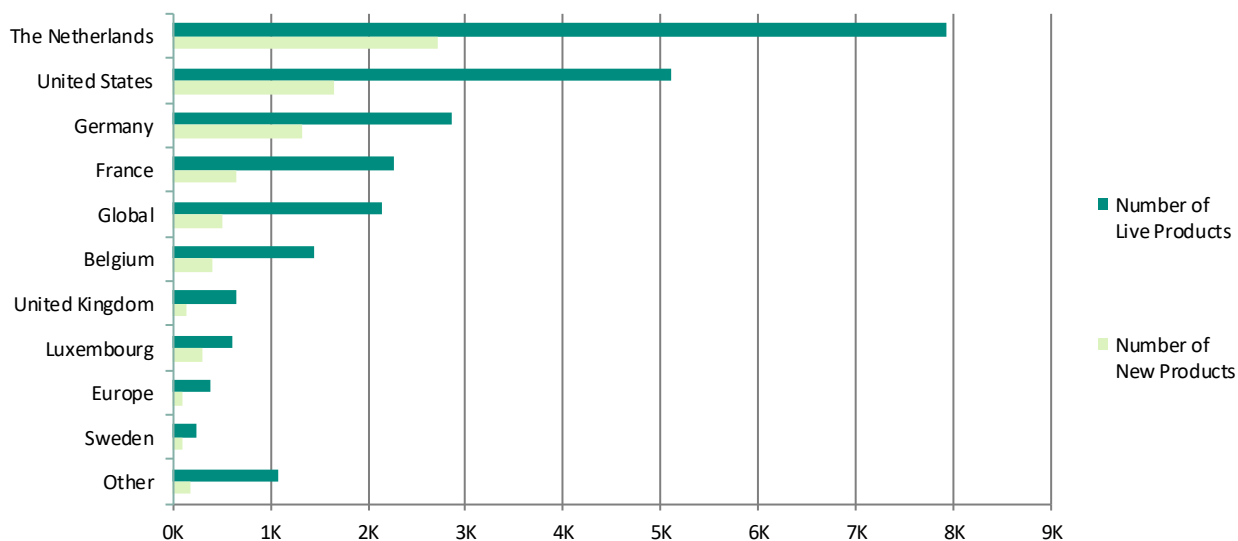
Product Overview

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	7,926	0.8%	6.9%	32.1%	2,714	9.7%	34%	33.7%
United States	5,105	-2.2%	14.2%	20.7%	1,642	36%	10.3%	20.4%
Germany	2,859	0.5%	17.1%	11.6%	1,331	34%	67%	16.5%
France	2,263	1.4%	21%	9.2%	651	5.0%	28%	8.1%
Global	2,135	0.5%	3.9%	8.6%	499	-33%	6.5%	6.2%
Belgium	1,444	1.4%	21%	5.8%	401	8.7%	36%	5.0%
United Kingdom	656	0.0%	11.9%	2.7%	146	21%	6.9%	1.8%
Luxembourg	602	4.2%	18.8%	2.4%	297	-9.7%	22%	3.7%
Europe	387	-0.8%	-3.8%	1.6%	98	96%	72%	1.2%
Sweden	241	-1.3%	14.6%	1.0%	107	73%	74%	1.3%
Other	1,083	-0.5%	2.1%	4.4%	173	-2.3%	-4.2%	2.1%
Total	24,702	0.1%	11.2%	100%	8,059	12.9%	28.6%	100%

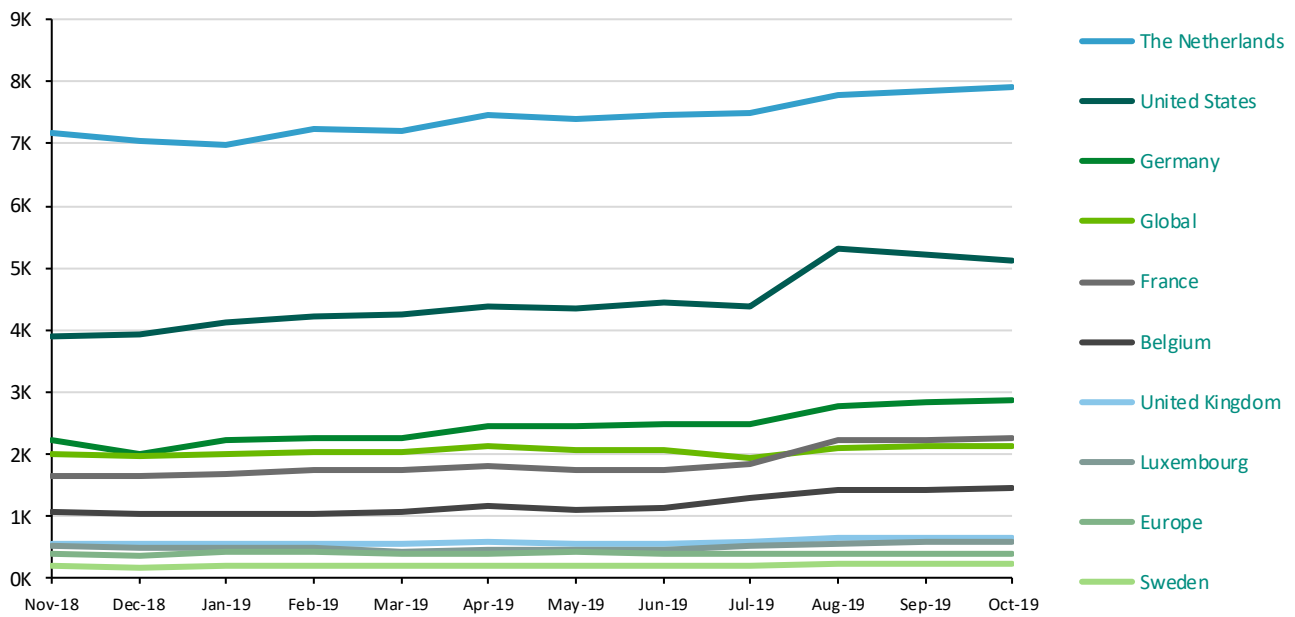
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

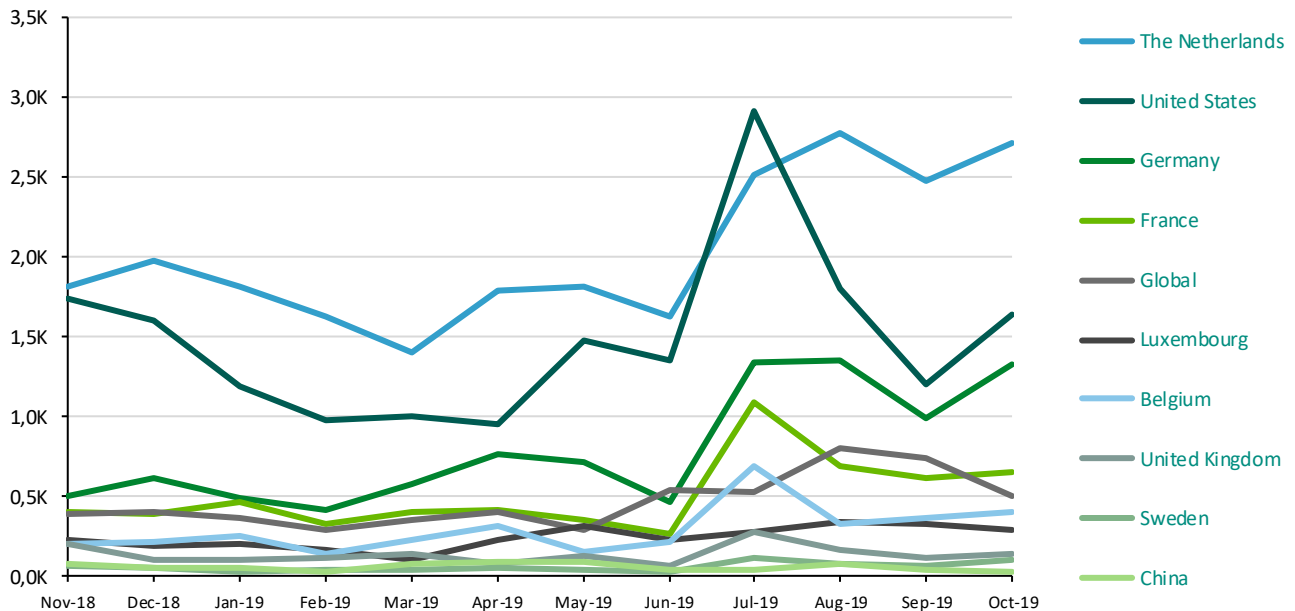
Product Trend: Number of Live Products

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

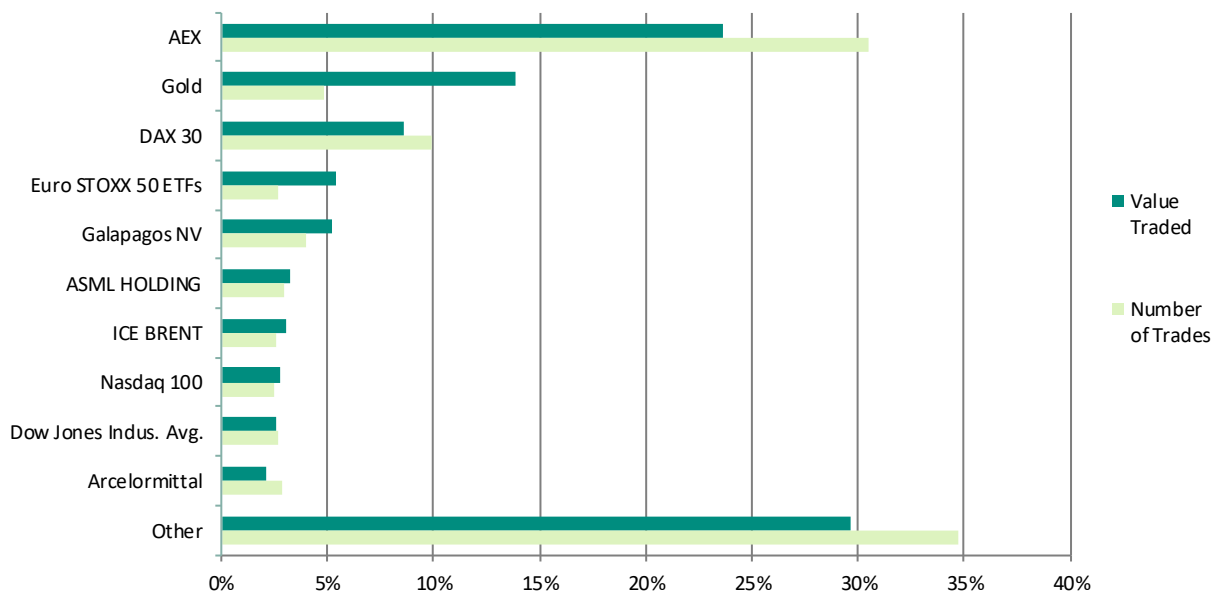
Market Overview

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	4,395	8.4%	-24%	23.6%	2,111	-5.2%	-11.8%	30.5%
Gold	2,576	71%	52%	13.8%	331	-17.8%	-55%	4.8%
DAX 30	1,603	9.9%	33%	8.6%	686	0.2%	374%	9.9%
Euro STOXX 50 ETFs	1,002	-22%	27%	5.4%	182	9.3%	-4.8%	2.6%
Galapagos NV	967	41%	36%	5.2%	273	15.3%	36%	3.9%
ASML HOLDING	605	6.9%	-1.4%	3.2%	202	15.3%	5.2%	2.9%
ICE BRENT	570	2.9%	13.5%	3.1%	179	21%	-7.8%	2.6%
Nasdaq 100	508	9.3%	8.0%	2.7%	169	6.7%	49%	2.4%
Dow Jones Indus. Avg.	484	16.2%	8.5%	2.6%	188	17.0%	-4.2%	2.7%
Arcelormittal	388	6.8%	15.2%	2.1%	196	14.6%	25%	2.8%
Other	5,523	-16.0%	10.4%	29.7%	2,404	-4.0%	3.1%	34.7%
Total	18,624	3.9%	5.9%	100%	6,920	-1.6%	0.9%	100%

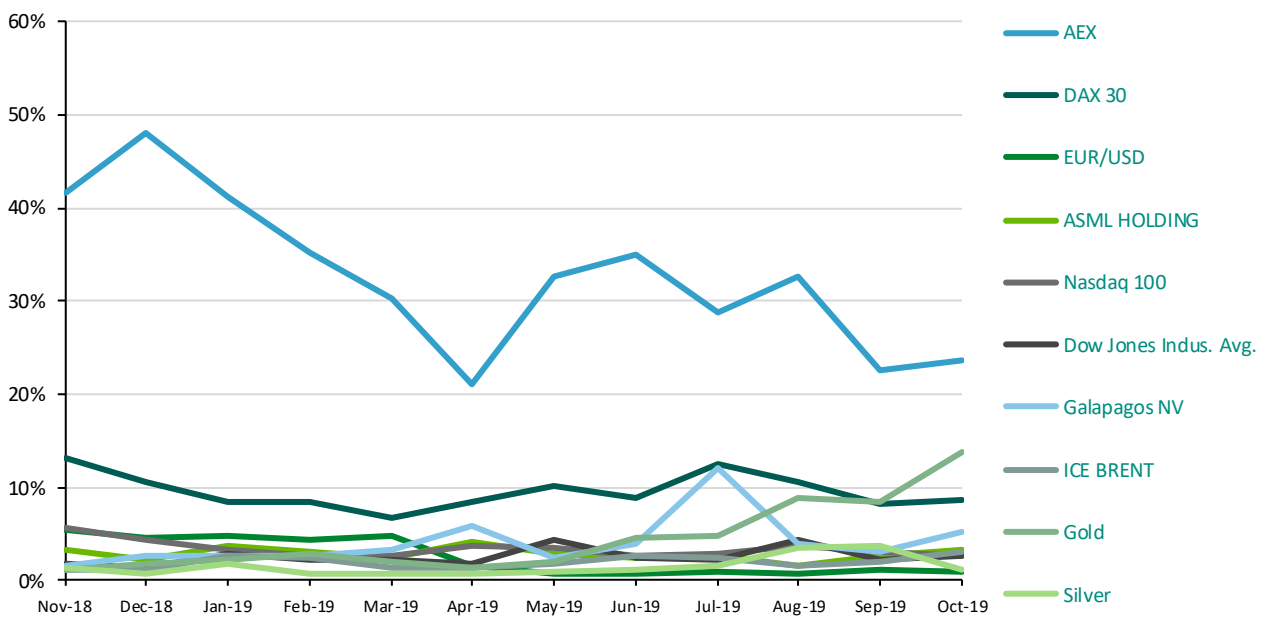
(Source Euronext)



TOP 10 UNDERLYINGS

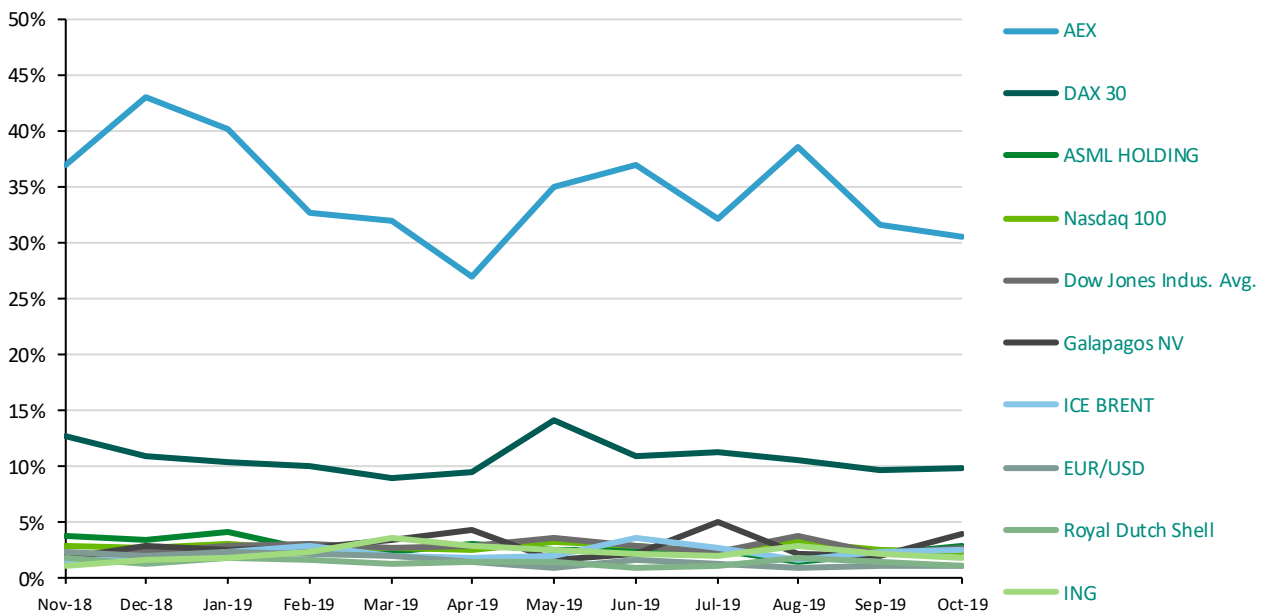
Market Trend: Value traded

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

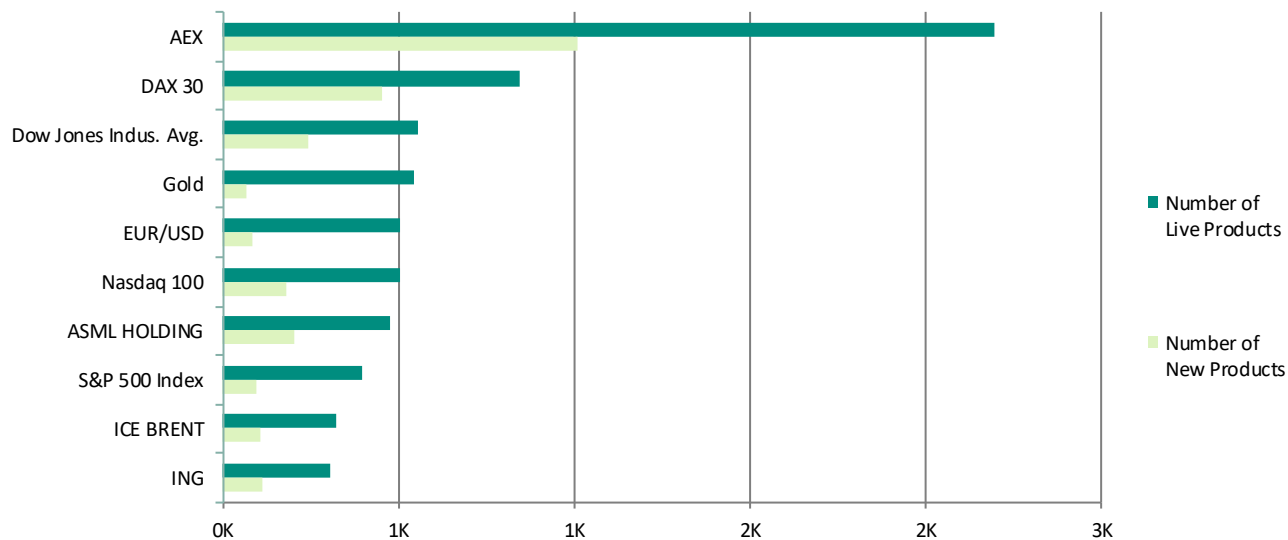
Product Overview

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	2,195	-0.3%	-5.7%	8.9%	1,012	30%	37%	12.6%
DAX 30	845	-0.4%	-14.4%	3.4%	451	90%	50%	5.6%
Dow Jones Indus. Avg.	557	-4.7%	-25%	2.3%	241	94%	-9.5%	3.0%
Gold	541	-3.2%	3.4%	2.2%	66	-21%	-24%	0.8%
EUR/USD	504	4.5%	-8.1%	2.0%	83	-39%	-12.8%	1.0%
Nasdaq 100	502	-5.2%	-12.3%	2.0%	178	47%	-11.6%	2.2%
ASML HOLDING	474	1.4%	18.6%	1.9%	203	29%	63%	2.5%
S&P 500 Index	398	-8.0%	-21%	1.6%	95	56%	-13.0%	1.2%
ICE BRENT	322	6.8%	12.7%	1.3%	108	-49%	6.1%	1.3%
ING	307	-2.0%	3.1%	1.2%	113	7.6%	26%	1.4%
Other	18,056	0.6%	20%	73.1%	5,509	7.6%	33%	68.4%
Total	24,702	0.1%	11.2%	100%	8,059	12.9%	28.6%	100%

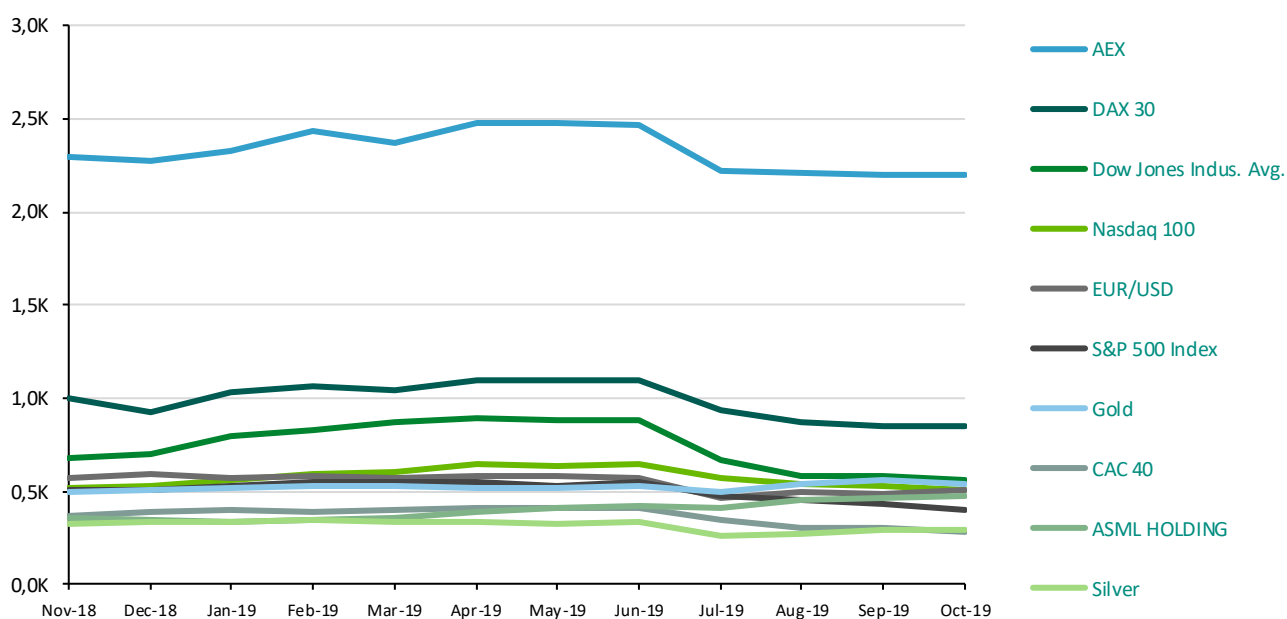
(Source Euronext)



TOP 10 UNDERLYINGS

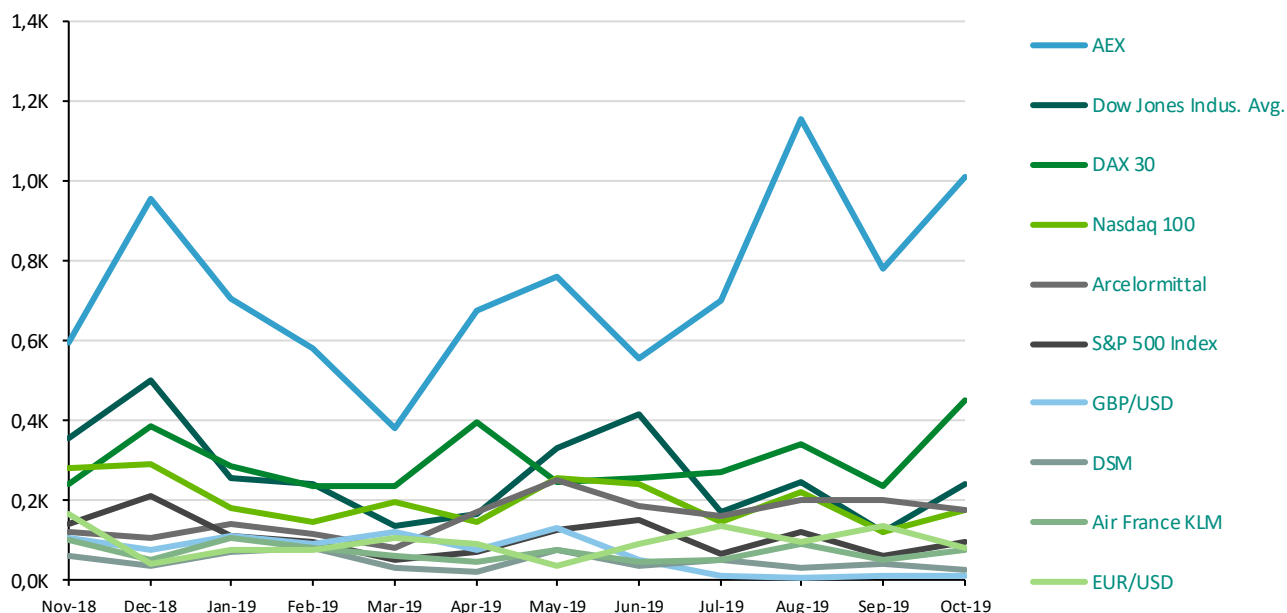
Product Trend: Number of Live Products

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
NL0013562135	ING	2100	Warrants	Euro STOXX 50 ETFs	19,190	1,608
NL0013771546	ING	2100	Warrants	Euro STOXX 50 ETFs	16,969	3,336
NL0013562143	ING	2100	Warrants	Euro STOXX 50 ETFs	12,003	1,024
DE000VF6XJM2	Vontobel	2205	Open-End Knock-Out Warrants	Gold	8,131	1,058
NL0013763907	BNP Paribas	2210	Mini-Futures	AEX	7,583	1,108
NL0013751894	BNP Paribas	2210	Mini-Futures	Gold	4,937	648
NL0013293434	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	4,724	1,108
NL0012983282	BNP Paribas	1250	Capped Bonus Certificates	Euro STOXX 50	4,588	96
NL0013583974	BNP Paribas	2210	Mini-Futures	VIX Futures	4,015	108
NL0013598980	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	3,876	730
NL0013582422	BNP Paribas	2210	Mini-Futures	AEX	3,791	6,830
NL0013751886	BNP Paribas	2210	Mini-Futures	Gold	3,686	398
DE000CU1FQX6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,390	1,320
NL0013638026	Goldman Sachs	2210	Mini-Futures	AEX	3,357	74
NL0013751472	BNP Paribas	2210	Mini-Futures	Gold	3,156	252
NL0013762180	BNP Paribas	2210	Mini-Futures	AEX	3,098	3,428
NL0013730898	Goldman Sachs	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,980	68
NL0013746472	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,941	472
NL0013578420	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	2,876	2,024
NL0013506793	ING	2210	Mini-Futures	AEX	2,848	4,038
NL0013354608	BNP Paribas	2205	Open-End Knock-Out Warrants	Nasdaq 100	2,506	2,088
DE000KA1TA26	Citi	2205	Open-End Knock-Out Warrants	Gold	2,471	500
NL0013374564	BNP Paribas	2205	Open-End Knock-Out Warrants	Galapagos NV	2,432	104
NL0013614837	Goldman Sachs	2210	Mini-Futures	Altice	2,340	50
NL0013751480	BNP Paribas	2210	Mini-Futures	Gold	2,177	232
NL0013735228	Goldman Sachs	2210	Mini-Futures	Altice	2,061	70
NL0013583891	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,007	1,462
NL0013362544	BNP Paribas	1250	Capped Bonus Certificates	Euro STOXX 50	1,965	34
NL0013516644	ING	2205	Open-End Knock-Out Warrants	AEX	1,957	406
NL0013578388	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,945	2,162
NL0013766017	BNP Paribas	2210	Mini-Futures	AEX	1,935	504
NL0011540257	BNP Paribas	2210	Mini-Futures	Platinum	1,879	92
NL0013578396	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,879	958
NL0013614852	Goldman Sachs	2210	Mini-Futures	Altice	1,867	24
NL0013762933	BNP Paribas	2205	Open-End Knock-Out Warrants	ASML HOLDING	1,834	544
DE000CJ3Q9V7	Commerzbank	2205	Open-End Knock-Out Warrants	NYMEX LS CRUDE	1,790	10
DE000CE6EWZ1	Commerzbank	2205	Open-End Knock-Out Warrants	Royal Dutch Shell	1,773	232
NL0013514920	ING	2205	Open-End Knock-Out Warrants	AEX	1,772	908
NL0013638521	Goldman Sachs	2210	Mini-Futures	Nasdaq 100	1,761	36
NL0013606981	Goldman Sachs	2210	Mini-Futures	Fugro	1,740	44
DE000CE6BQQ8	Commerzbank	2300	Constant Leverage Certificate	ASML HOLDING	1,732	296
NL0013583909	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,728	1,288
NL0013606957	Goldman Sachs	2210	Mini-Futures	Fugro	1,719	52
DE000CU6GK86	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,717	418
NL0013169329	BNP Paribas	1250	Capped Bonus Certificates	Euro STOXX 50	1,714	38
NL0013199953	ING	2205	Open-End Knock-Out Warrants	NYMEX LS CRUDE	1,710	396
NL0013506918	ING	2205	Open-End Knock-Out Warrants	DAX 30	1,690	1,084
NL0013732167	Goldman Sachs	2210	Mini-Futures	AEX	1,664	334
NL0011651930	BNP Paribas	2210	Mini-Futures	Genmab	1,629	80
NL0013761448	BNP Paribas	2210	Mini-Futures	Platinum	1,563	78

(Source Euronext)



Euronext Brussels

ISSUERS

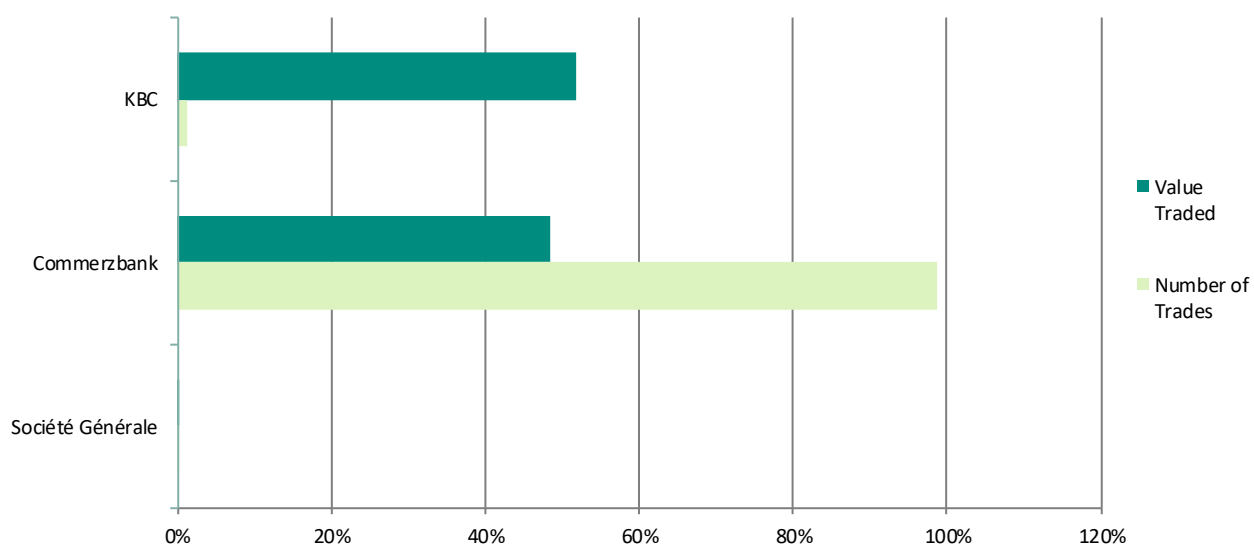
Market Overview

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	345	-59%	-10.3%	51.7%	3.0	-44.7%	-98.5%	1.3%
Commerzbank	323	-39%	89%	48.3%	228	19.8%	NA	98.7%
Société Générale	0		-65%	0.0%	0.0		-13.7%	0.0%
Total	668	-51.5%	20.3%	100%	231	18.0%	14.7%	100%

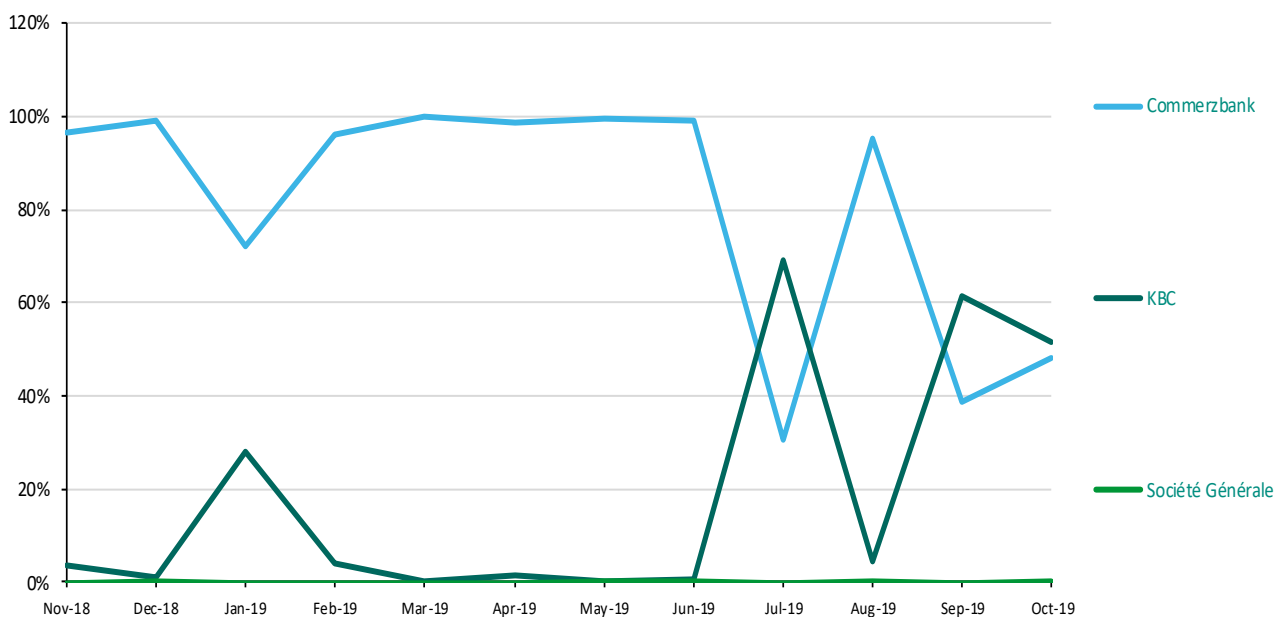
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ISSUERS

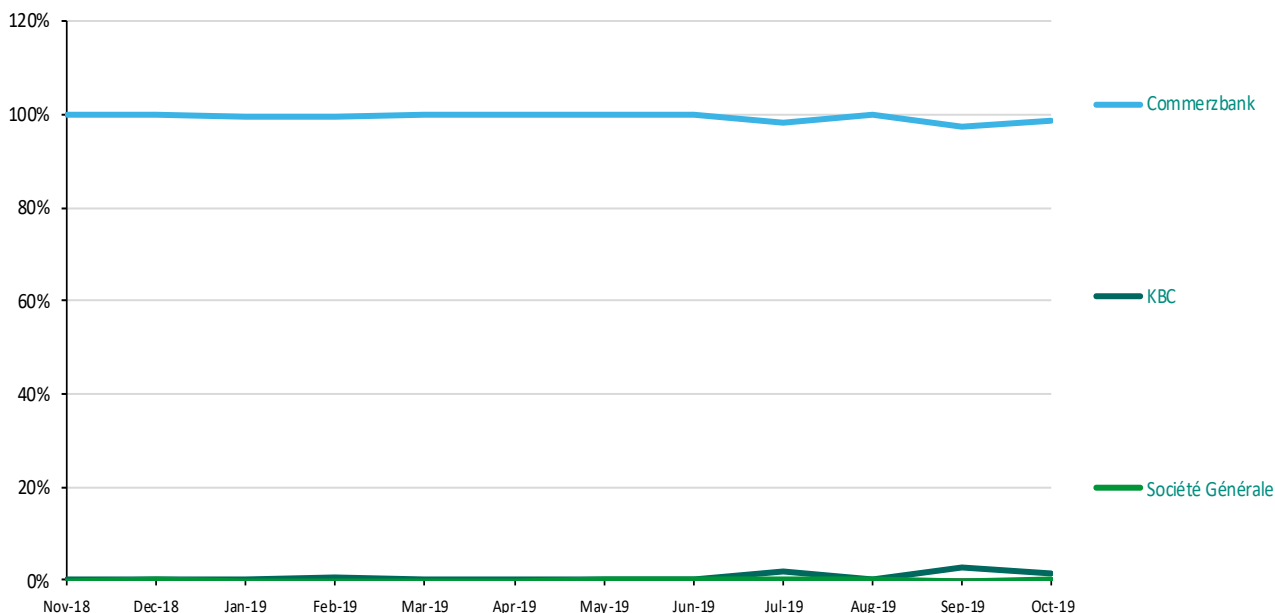
Market Trend: Value traded

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

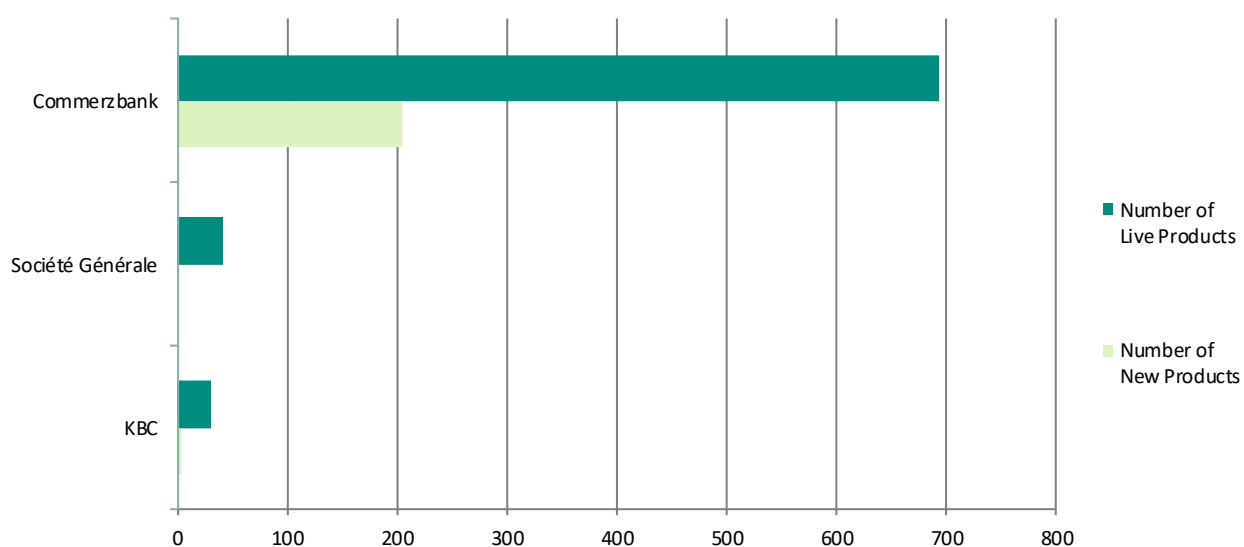
Product Overview

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	694	-2.6%	-4.4%	90.6%	205	6.8%	-1.8%	98.1%
Société Générale	42	0.0%	-6.3%	5.5%	0			0.0%
KBC	30	7.0%	16.2%	3.9%	4	33%	140%	1.9%
Total	766	-2.1%	-3.8%	100%	209	7.2%	-0.6%	100%

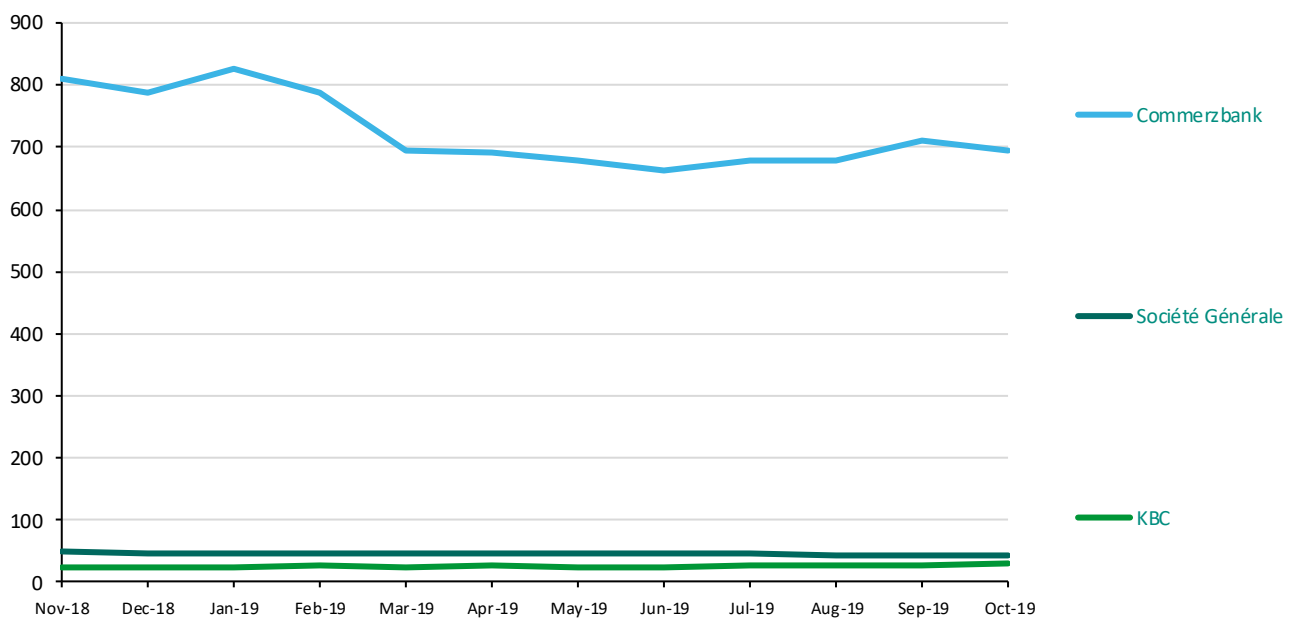
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ISSUERS

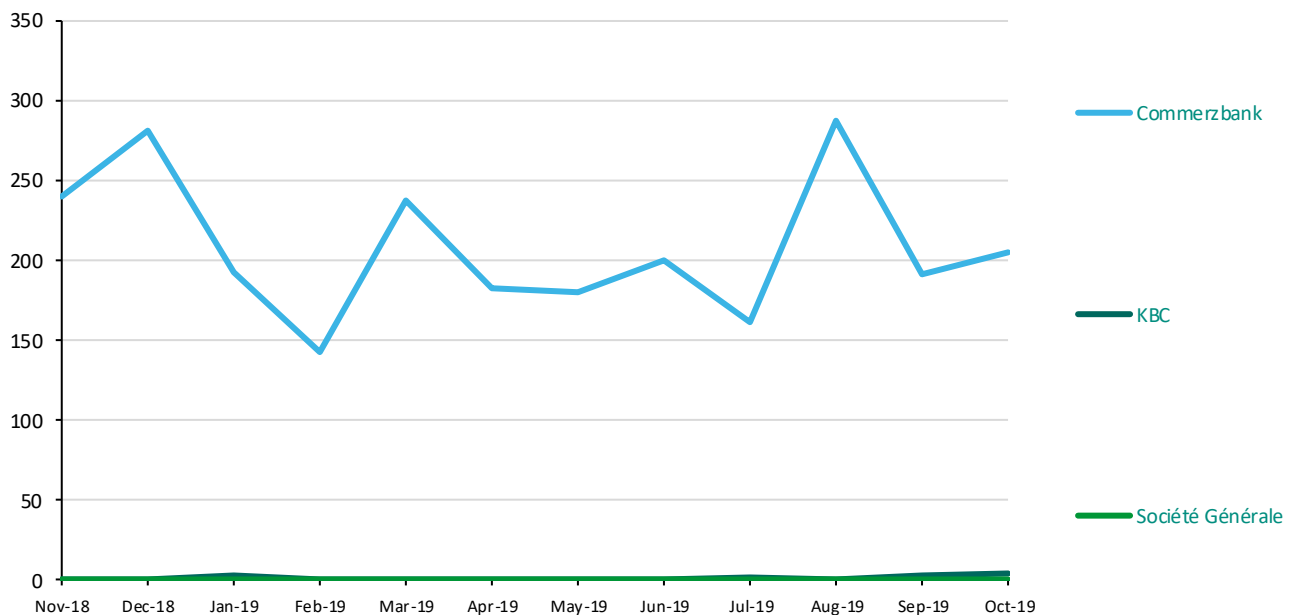
Product Trend: Number of Live Products

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)

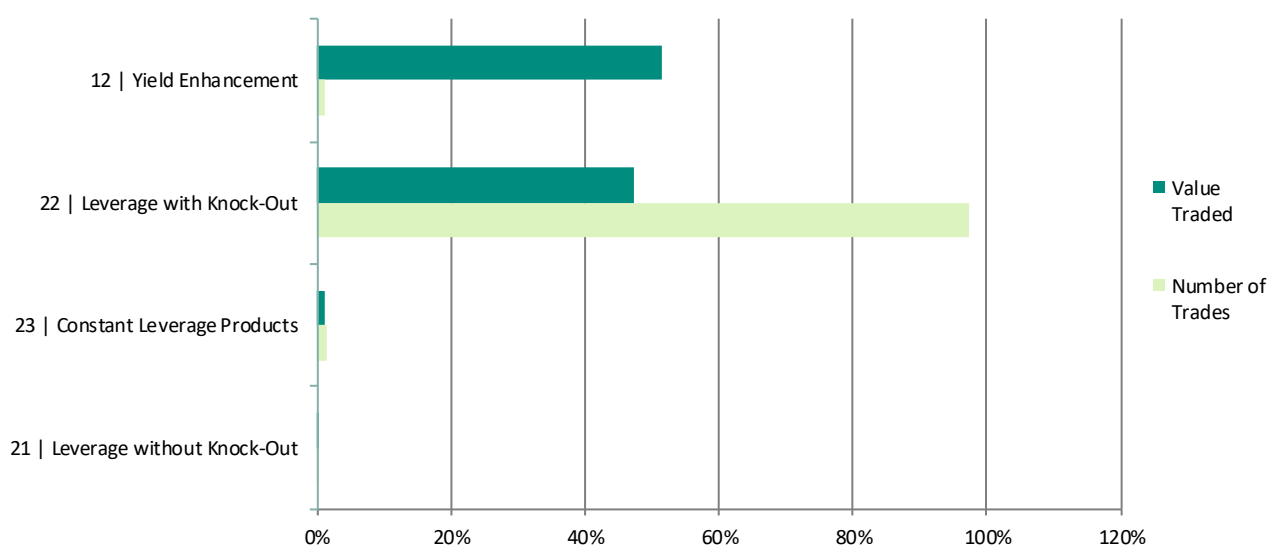
Market Overview

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	343	-59%	-9.8%	51.4%	2.8	-46.4%	-98.6%	1.2%
22 Leverage with Knock-Out	316	-40%	89%	47.3%	224	20.2%	NA	97.2%
23 Constant Leverage Products	7	63%	74%	1.1%	3.4	NA	-10.7%	1.5%
21 Leverage without Knock-Out	2	-58%	-42%	0.3%	0.2	-93.8%	-13.7%	0.1%
Total	668	-51.5%	20.3%	100%	231	18.0%	14.7%	100%

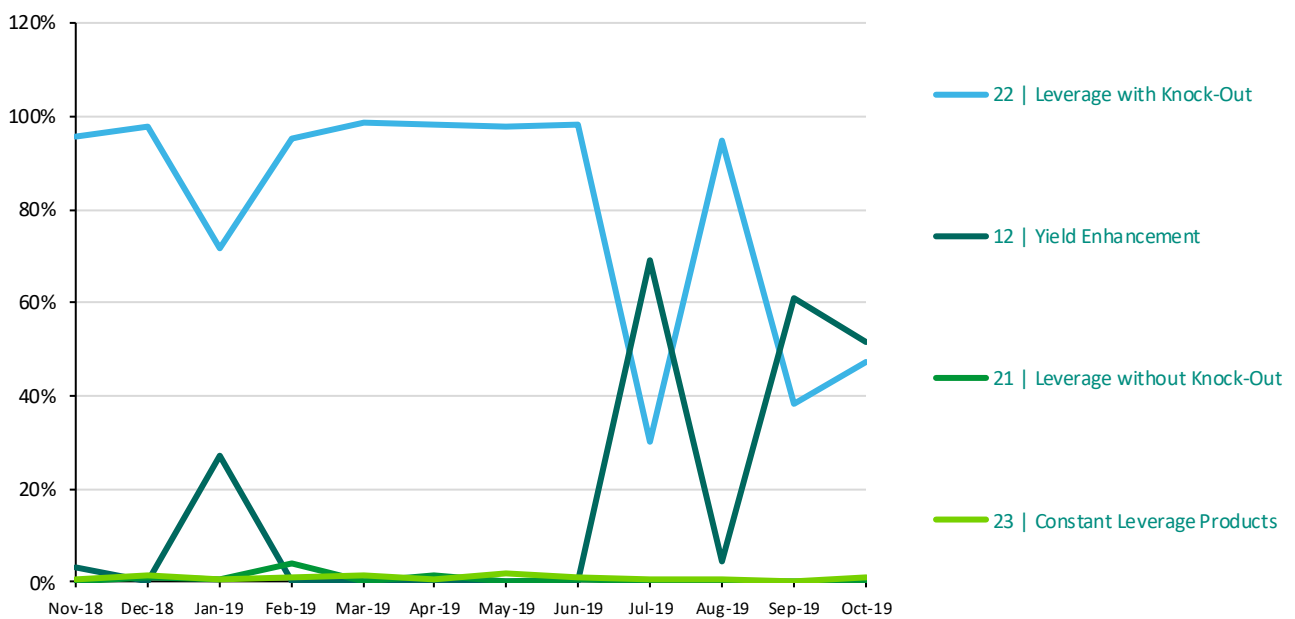
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

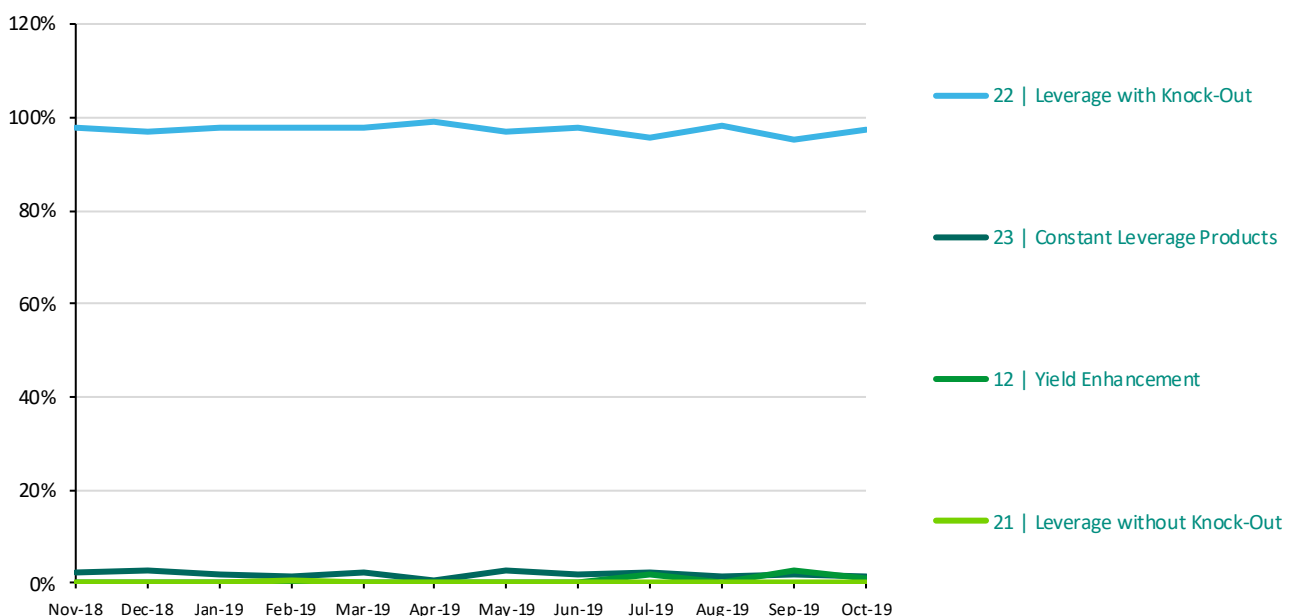
Market Trend: Value traded

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

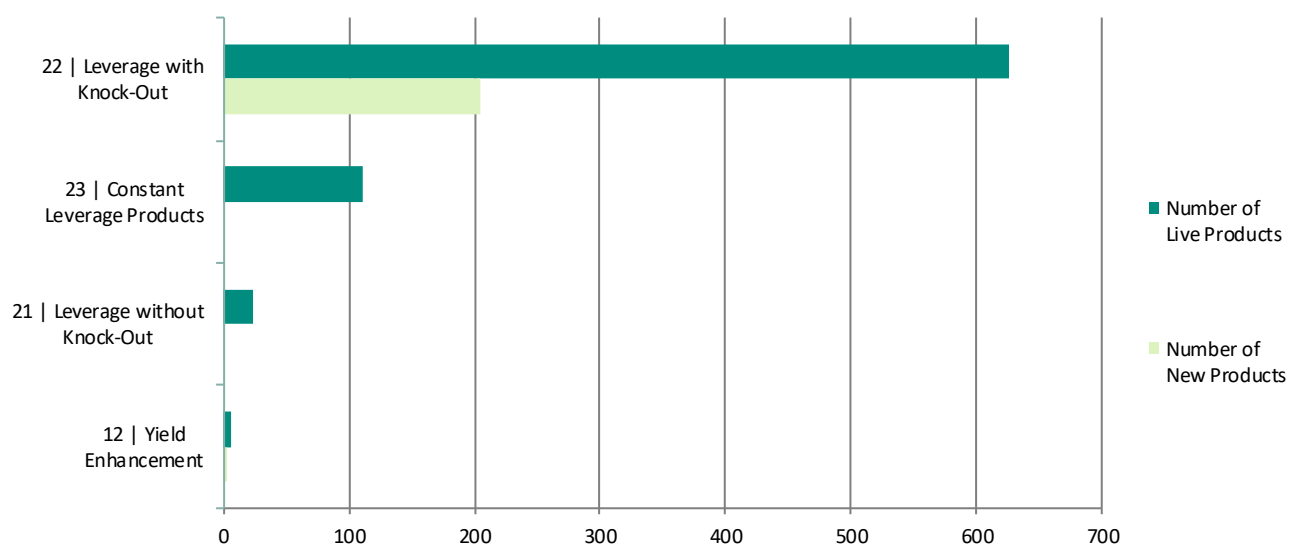
Product Overview

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	626	0.9%	-4.2%	81.7%	205	6.8%	2.7%	98.1%
23 Constant Leverage Products	110	-18.0%	-6.2%	14.4%	0		-100%	0.0%
21 Leverage without Knock-Out	23	0.7%	2.0%	3.0%	1	0.0%	-7.7%	0.5%
12 Yield Enhancement	7	37%	128%	0.9%	3	50%	414%	1.4%
Total	766	-2.1%	-3.8%	100%	209	7.2%	-0.6%	100%

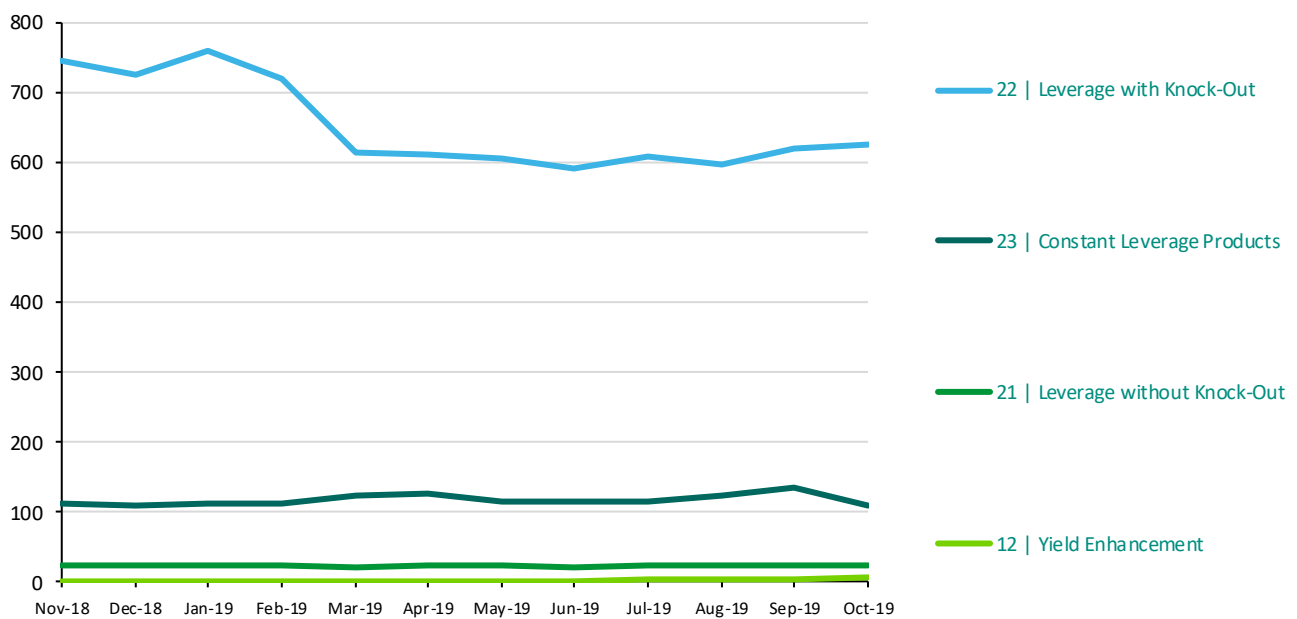
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

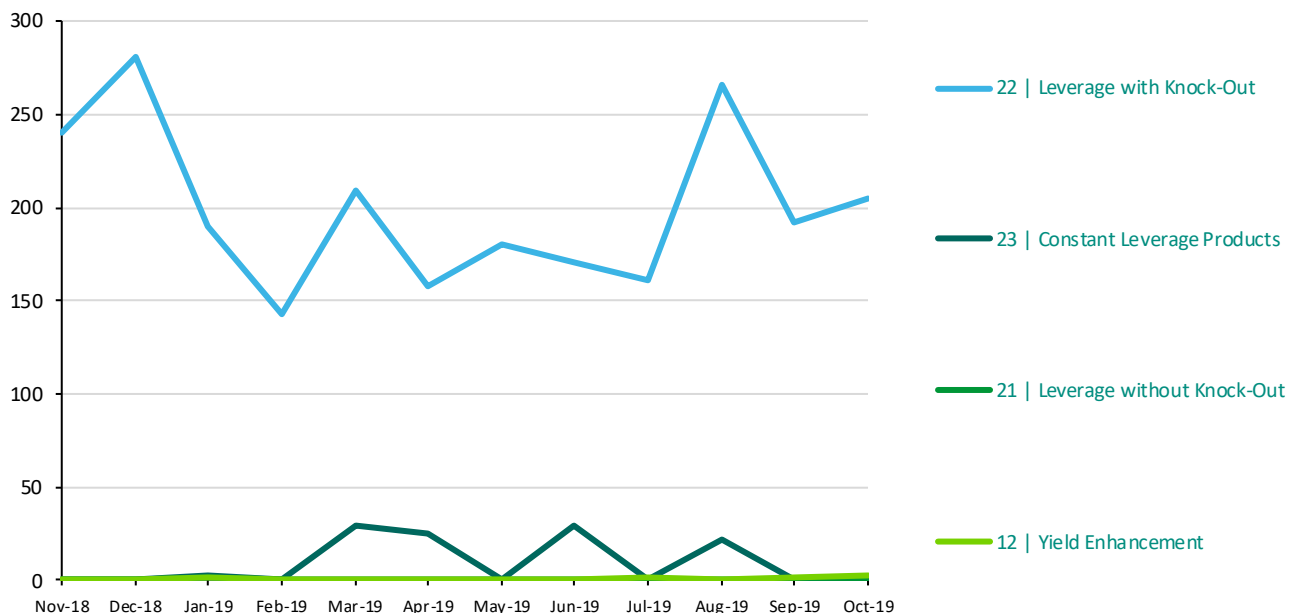
Product Trend: Number of Live Products

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)

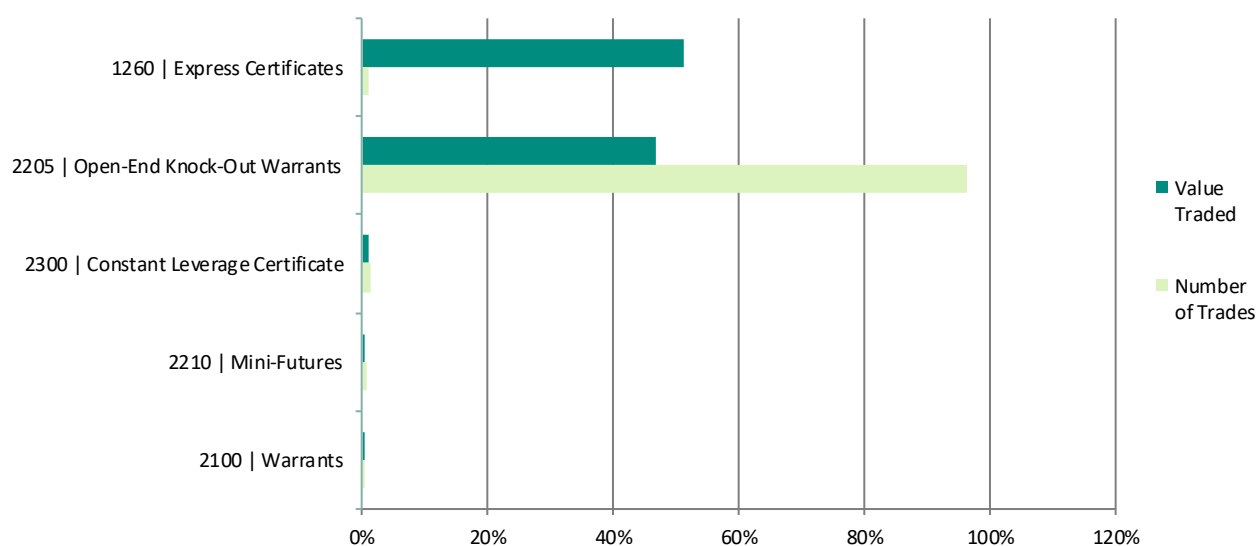
Market Overview

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	343	-59%	-8.6%	51.4%	2.8	-46.4%	-98.6%	1.2%
2205 Open-End Knock-Out Warrants	313	-40%	87%	46.9%	223	20%	NA	96.6%
2300 Constant Leverage Certificate	7	63%	35%	1.1%	3.4	NA	12.5%	1.5%
2210 Mini-Futures	3	-39%	-37%	0.4%	1.5	-58%	-62%	0.6%
2100 Warrants	2	-22%	-42%	0.3%	0.2	-82%	-13.7%	0.1%
Total	668	-51.5%	20.3%	100%	231	18.0%	14.7%	100%

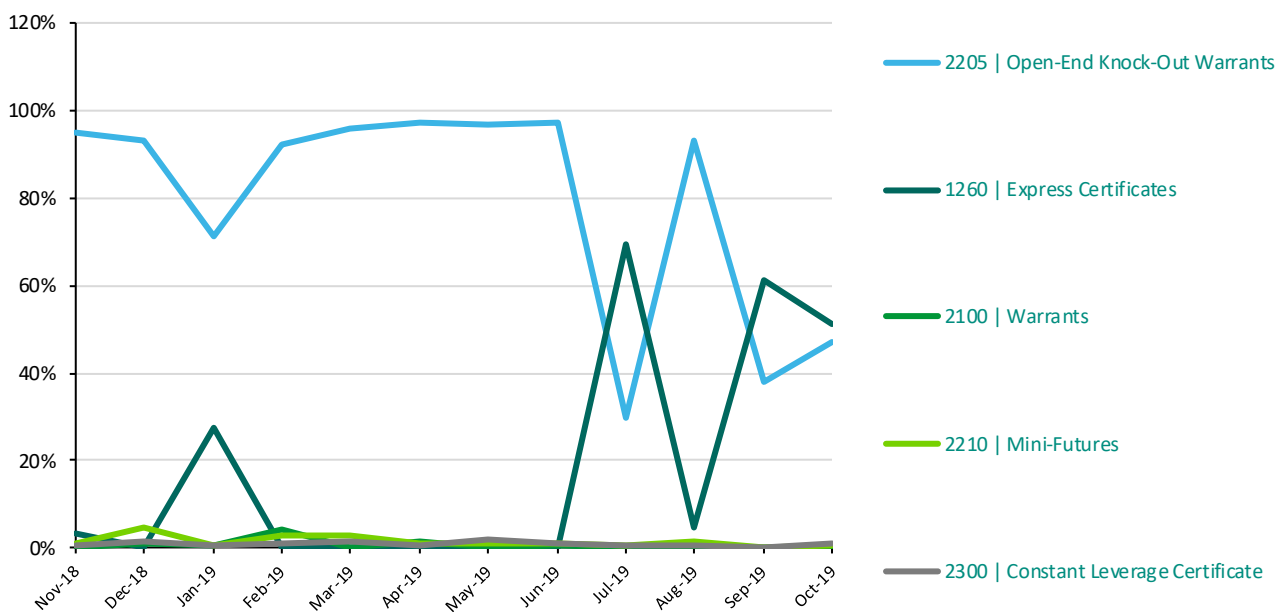
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

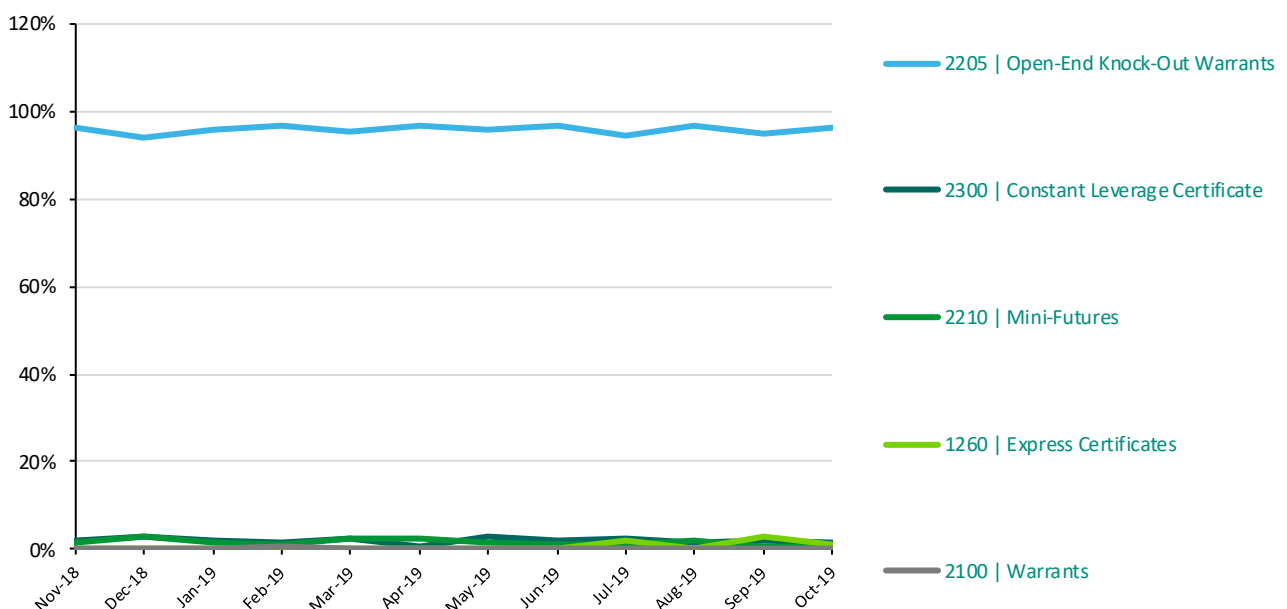
Market Trend: Value traded

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

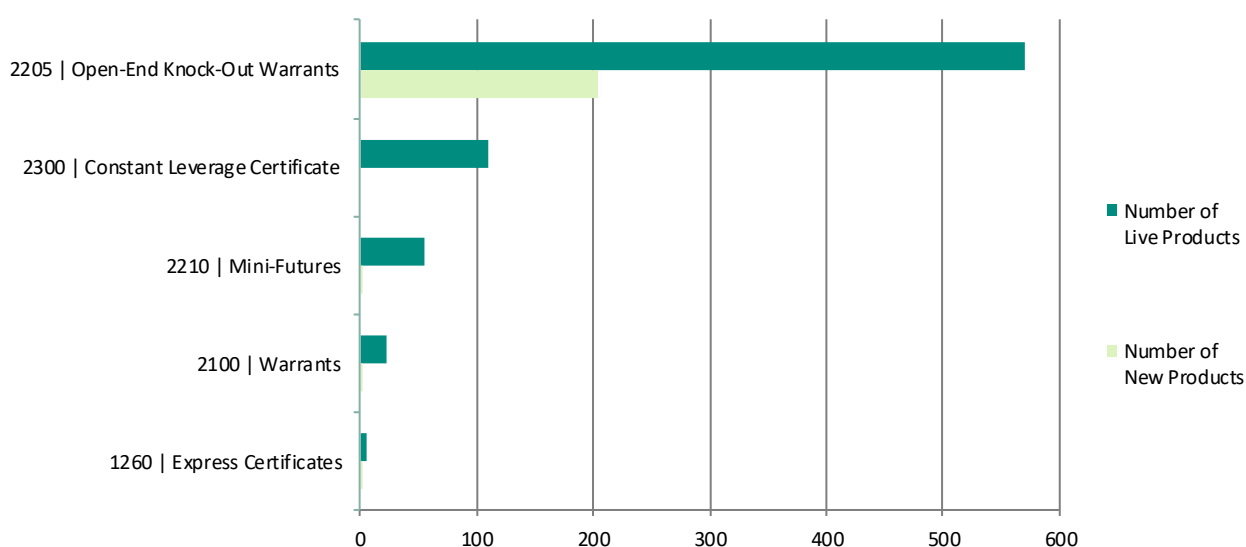
Product Overview

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	570	1.2%	-2.4%	74.4%	204	7.9%	3.4%	97.6%
2300 Constant Leverage Certificate	110	-18.0%	-6.2%	14.4%	0		-100%	0.0%
2210 Mini-Futures	56	-1.5%	-19.0%	7.3%	1	-67%	-59%	0.5%
2100 Warrants	23	0.7%	2.0%	3.0%	1	0.0%	-7.7%	0.5%
1260 Express Certificates	7	37%	128%	0.9%	3	50%	414%	1.4%
Total	766	-2.1%	-3.8%	100%	209	7.2%	-0.6%	100%

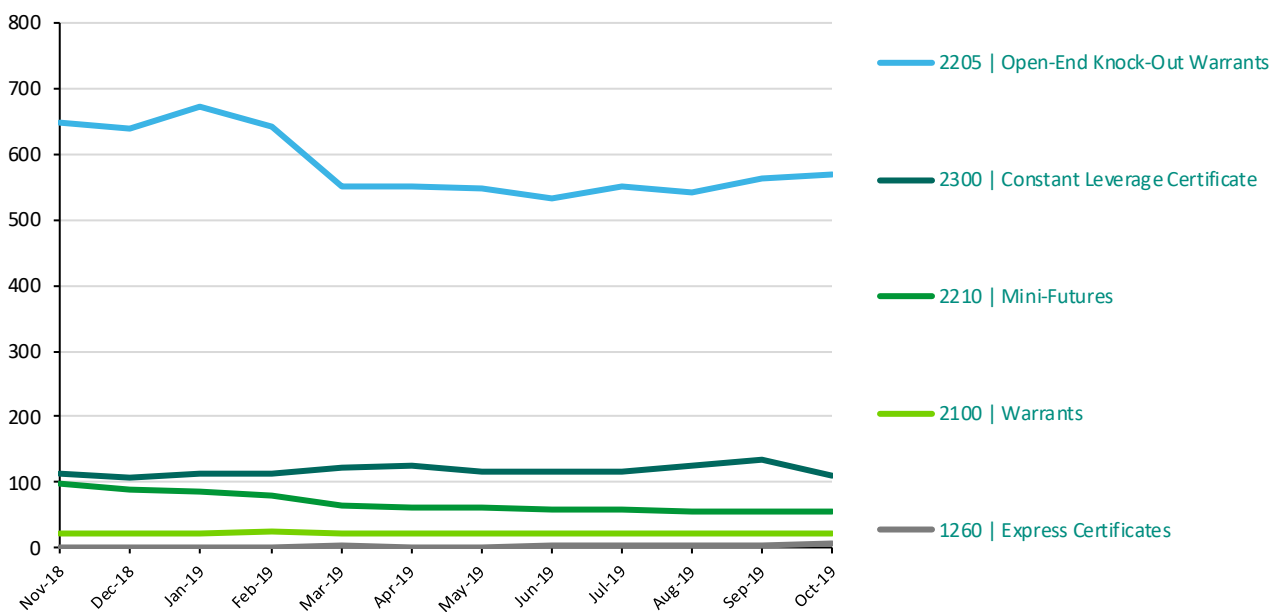
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

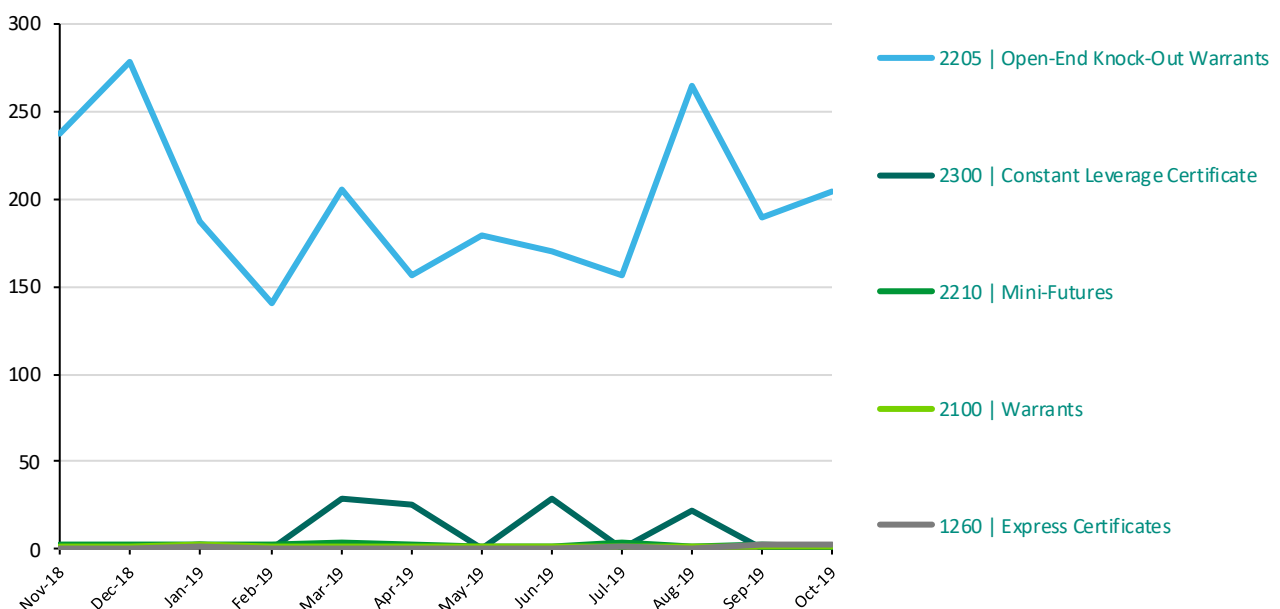
Product Trend: Number of Live Products

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

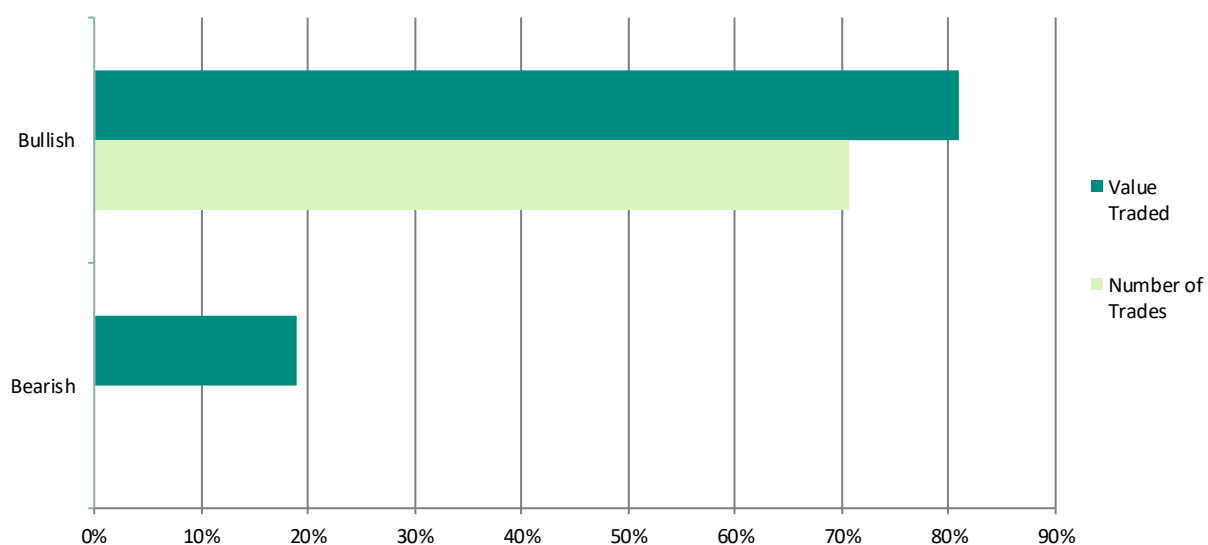
Market Overview

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	542	-59%	32%	81.1%	163	3.6%	29.0%	70.8%
Bearish	127	152%	-13.1%	18.9%	0.0	-100%	-100%	0.0%
Total	668	-51.5%	20.3%	100%	231	18.0%	14.7%	100%

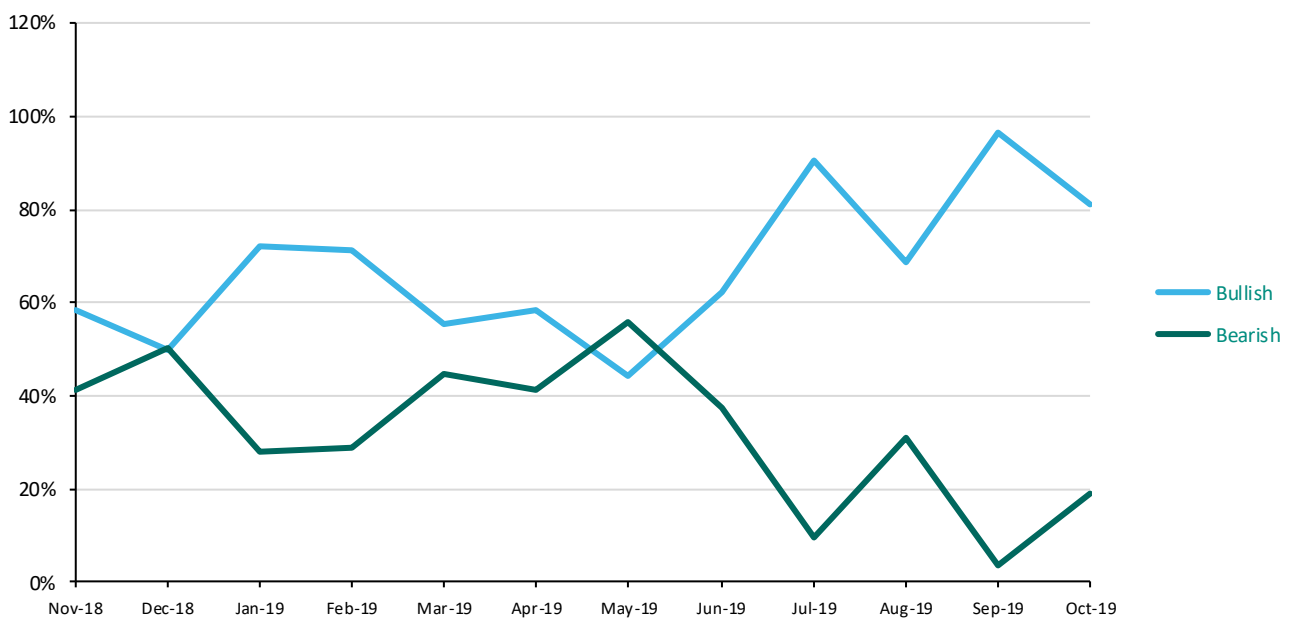
(Source Euronext)



PRODUCT STRATEGIES

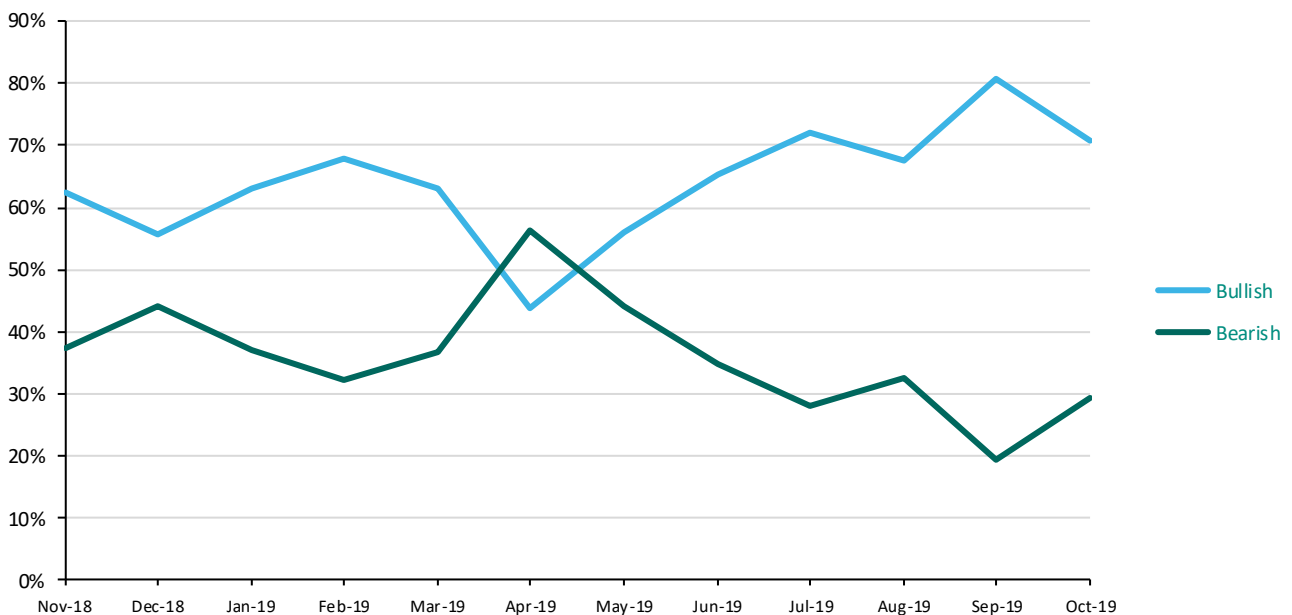
Market Trend: Value traded

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

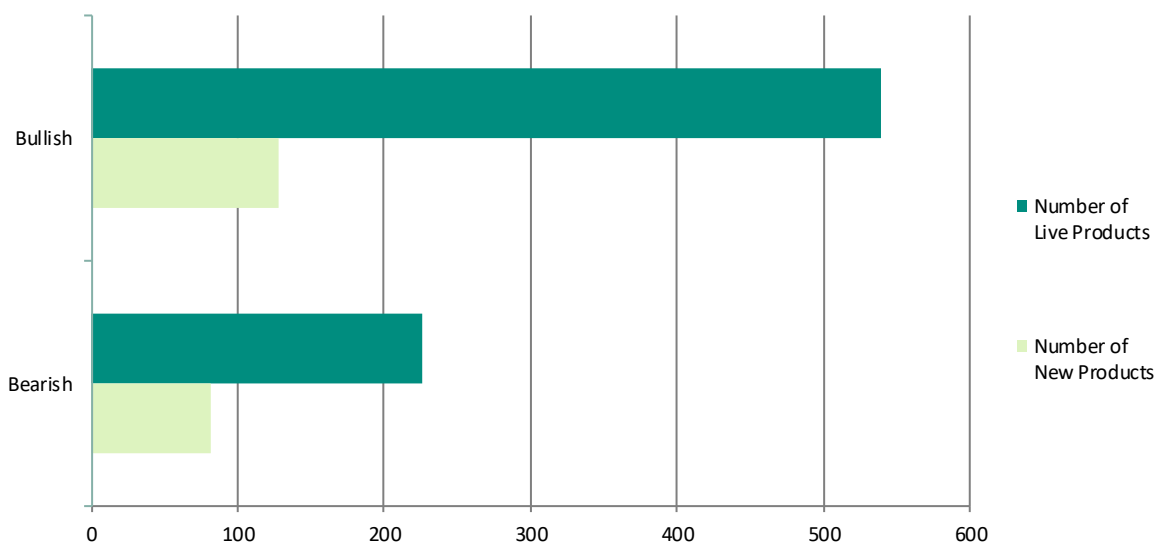
Product Overview

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	539	-1.3%	3.1%	70.4%	128	1.6%	3.6%	61.2%
Bearish	226	-3.9%	-17.1%	29.6%	81	17.4%	-6.7%	38.8%
Total	766	-2.1%	-3.8%	100%	209	7.2%	-0.6%	100%

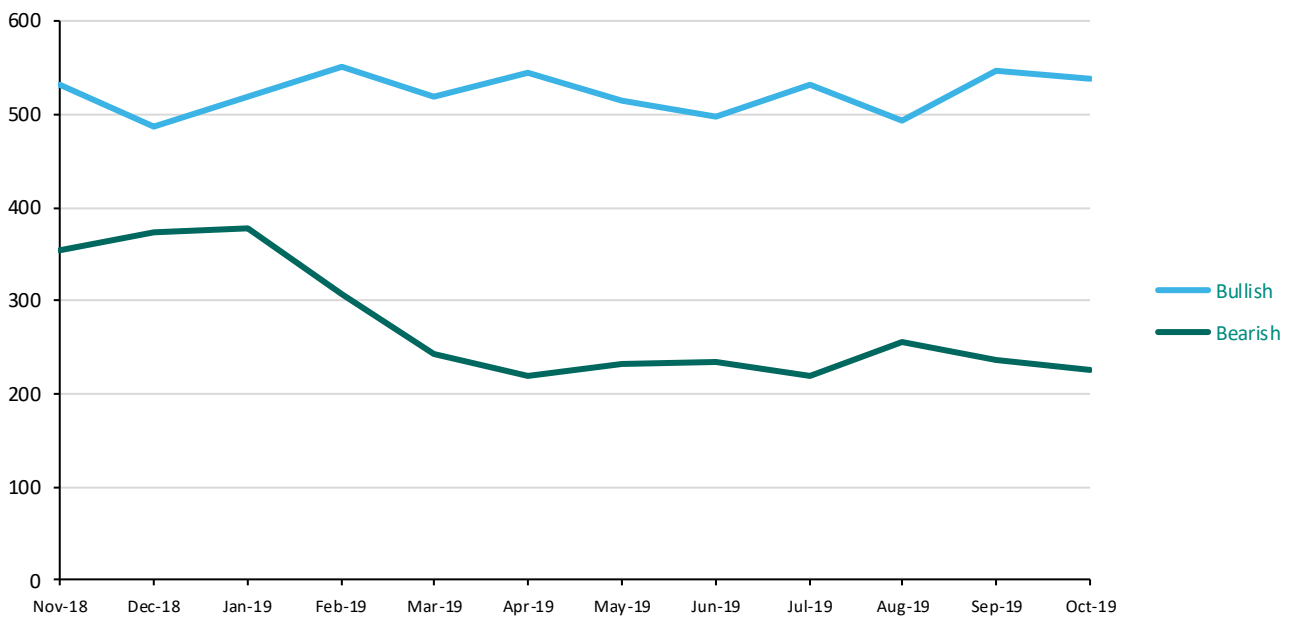
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PRODUCT STRATEGIES

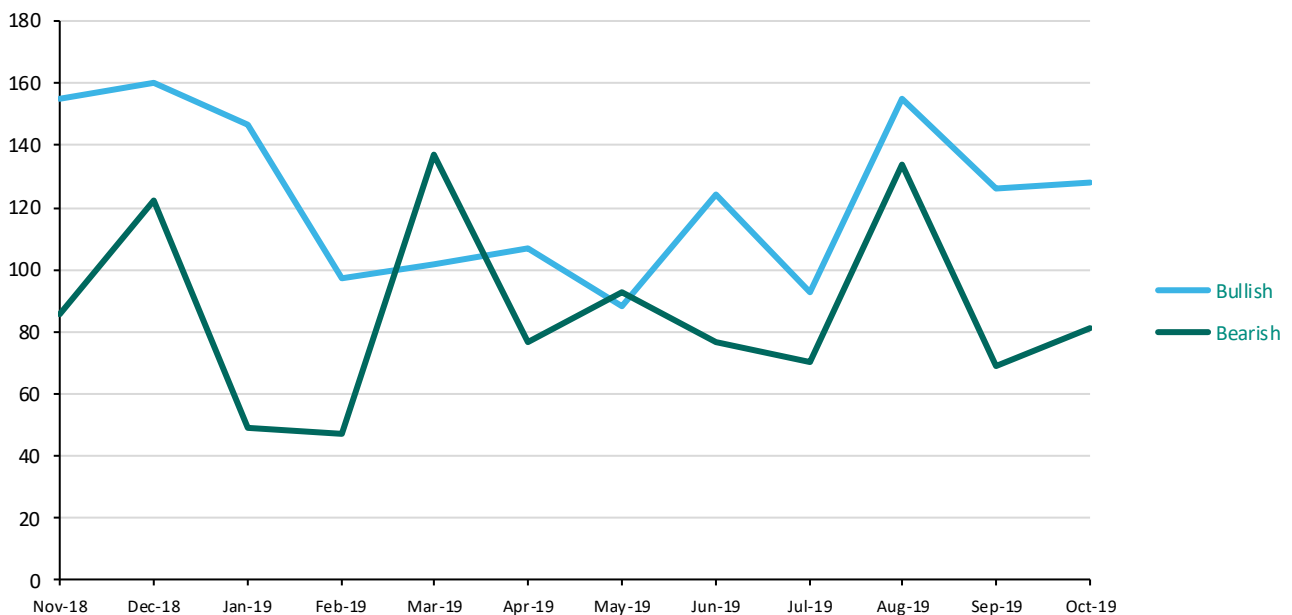
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

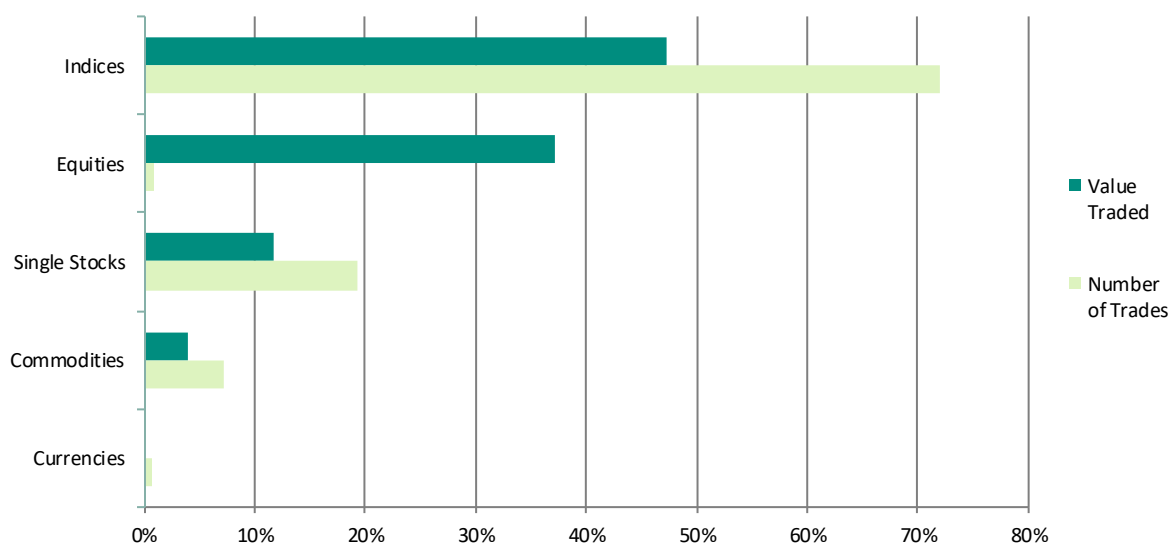
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	316	-75%	-18.1%	47.4%	166	27.8%	27.9%	72.0%
Equities	248	232%	253%	37.1%	2.2	-94.9%	391.3%	0.9%
Single Stocks	78	95%	12.8%	11.6%	44	118.2%	-18.3%	19.2%
Commodities	26	NA	-8.3%	3.9%	17	559.8%	22.9%	7.2%
Currencies	0		-81%	0.1%	1.4		-51.1%	0.6%
Total	668	-51.5%	20.3%	100%	231	18.0%	14.7%	100%

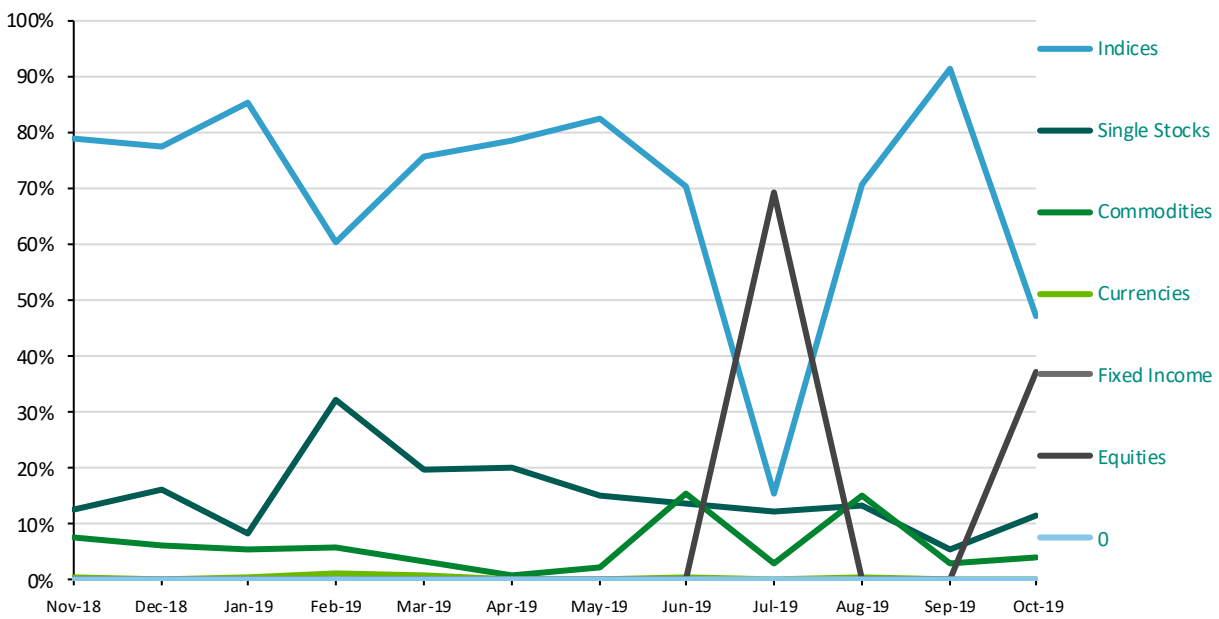
(Source Euronext)



UNDERLYING TYPES

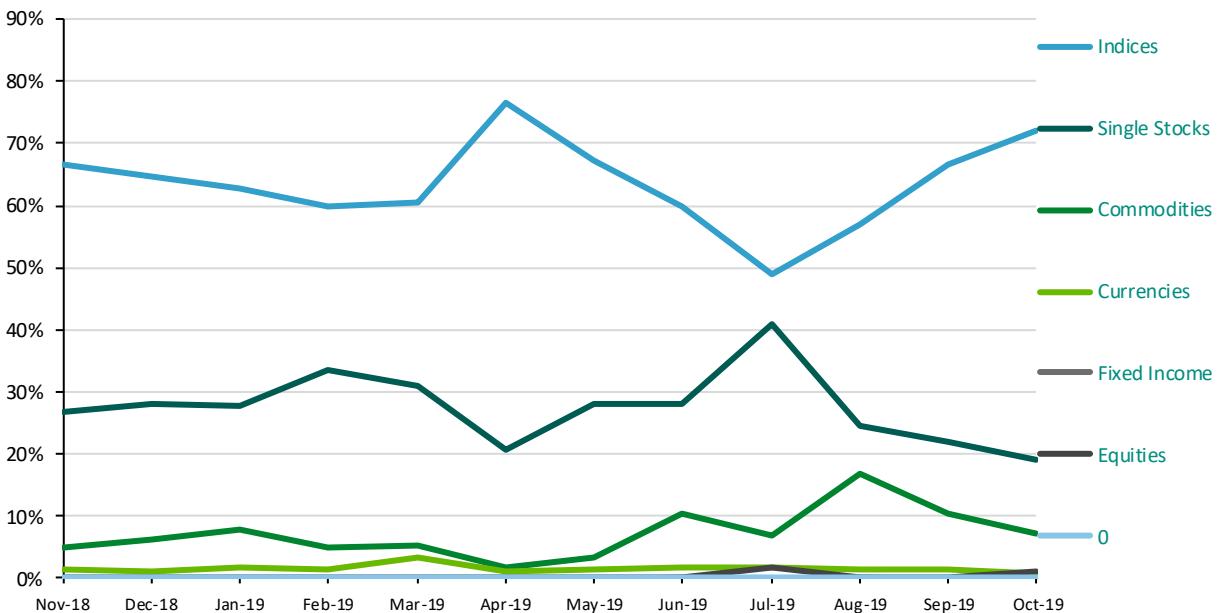
Market Trend: Value traded

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

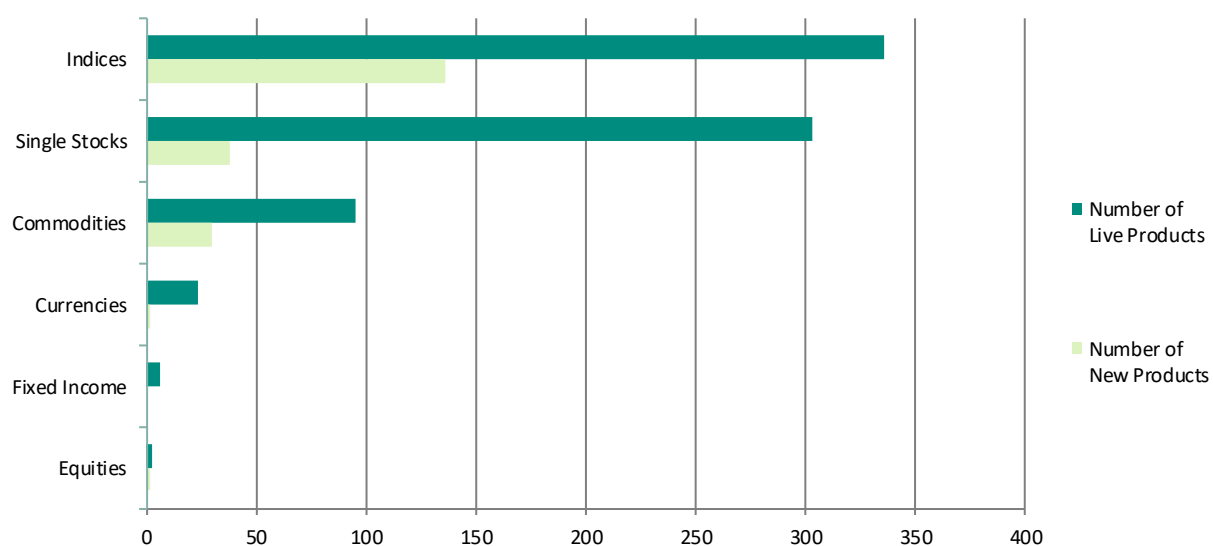
Product Overview

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	-2.0%	-4.4%	43.8%	136	48%	7.4%	65.1%
Single Stocks	303	-2.8%	-6.5%	39.6%	38	-13.6%	-6.6%	18.2%
Commodities	95	-0.1%	8.6%	12.5%	30	-40%	-17.8%	14.4%
Currencies	23	-1.8%	-8.5%	3.0%	2	-75%	-59%	1.0%
Fixed Income	6	-25%	-14.4%	0.8%	0		-100%	0.0%
Equities	2	179%	486%	0.3%	2		700%	1.0%
Total	766	-2.1%	-3.8%	100%	209	7.2%	-0.6%	100%

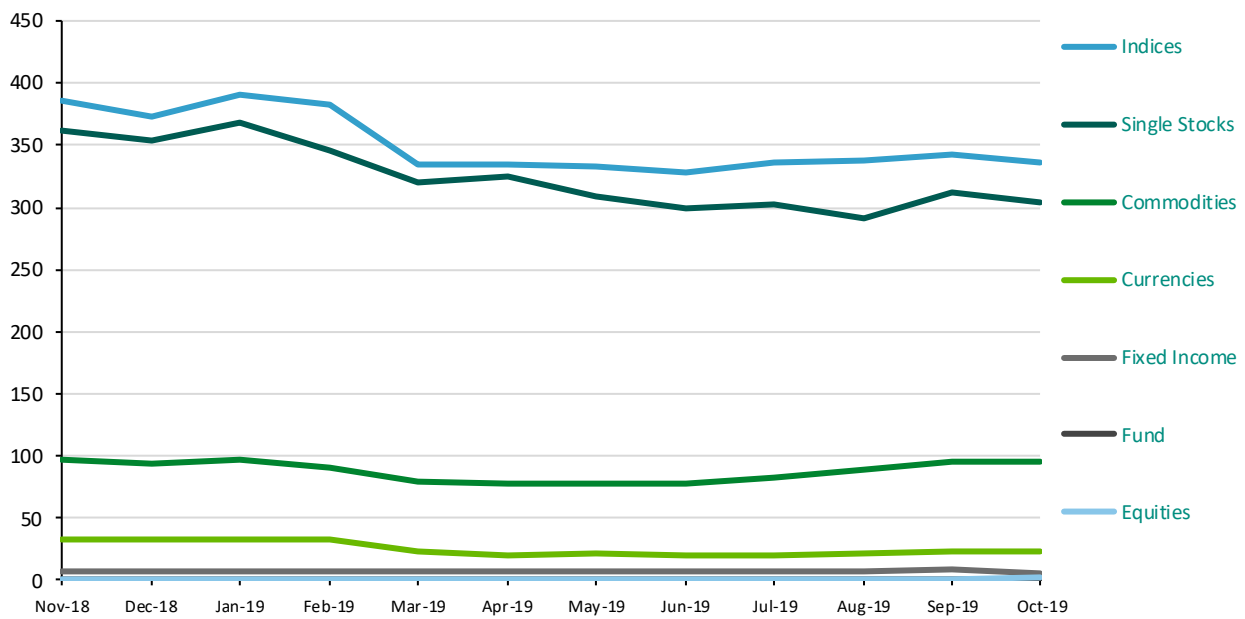
(Source Euronext)



UNDERLYING TYPES

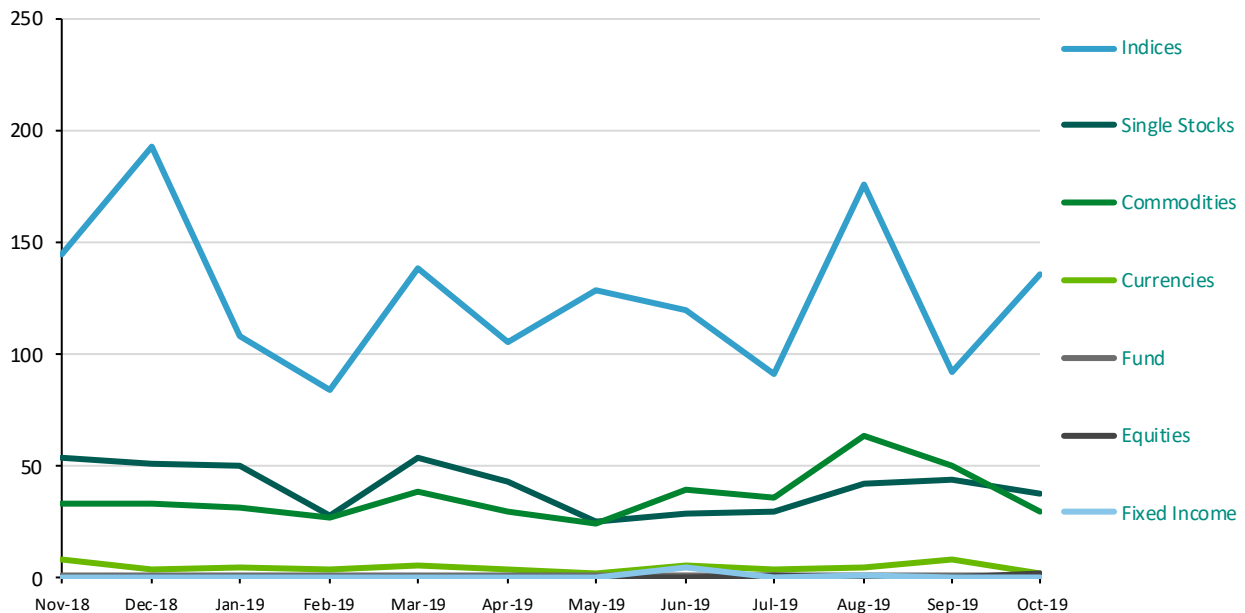
Product Trend: Number of Live Products

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

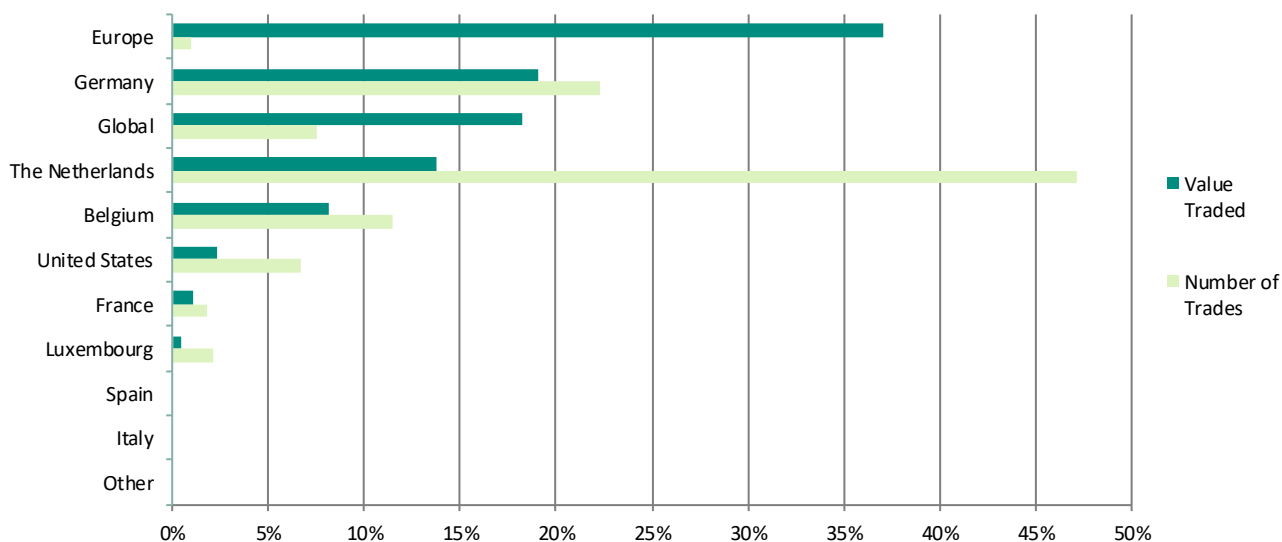
Market Overview

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	248	-72%	102%	37.1%	2.2	-91.5%	-84.5%	0.9%
Germany	127	-49%	7.0%	19.1%	51	91%	-0.9%	22.3%
Global	122	-26%	13.0%	18.2%	17	-82%	-77%	7.5%
The Netherlands	92	92%	26%	13.7%	109	297%	NA	47.2%
Belgium	54	243%	-21%	8.1%	26	103%	60%	11.4%
United States	15	16.5%	-70%	2.3%	15	216%	-57%	6.7%
France	7	93%	-22%	1.1%	4.1	77%	-9.0%	1.8%
Luxembourg	3		-15.5%	0.4%	4.9		39%	2.1%
Spain	0		-100%	0.0%	0.0		-100%	0.0%
Italy	0			0.0%	0.0			0.0%
Other	0			0.0%	0.0			0.0%
Total	668	-51.5%	20.3%	100%	231	18.0%	14.7%	100%

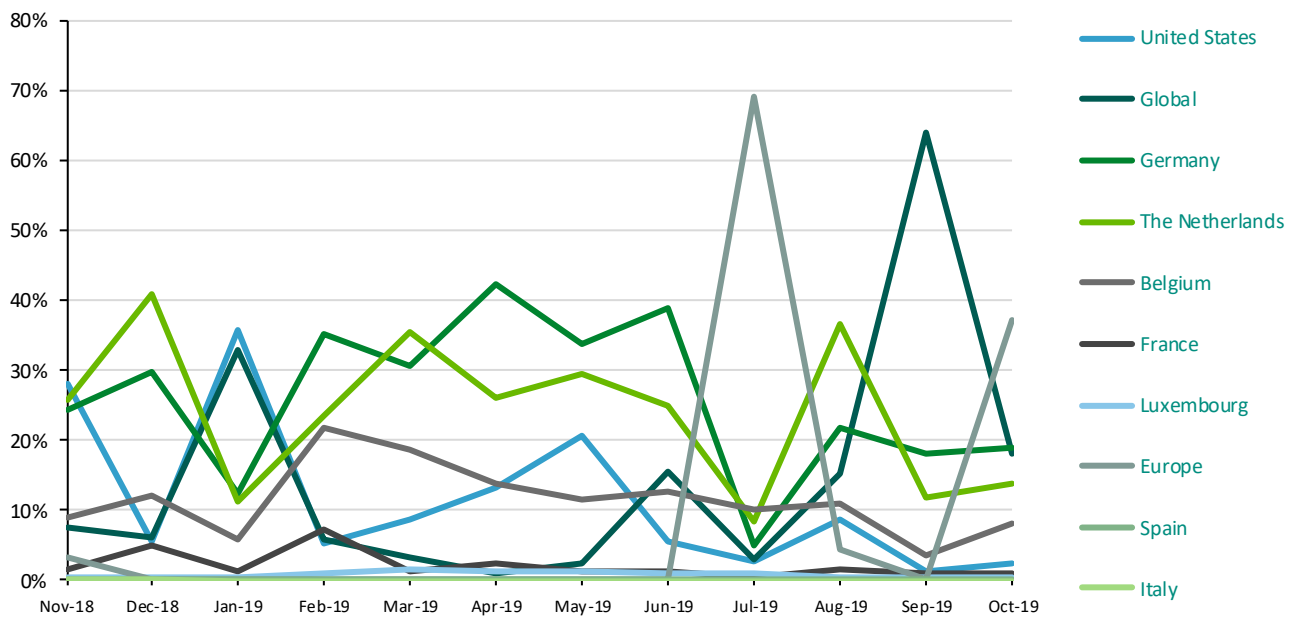
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

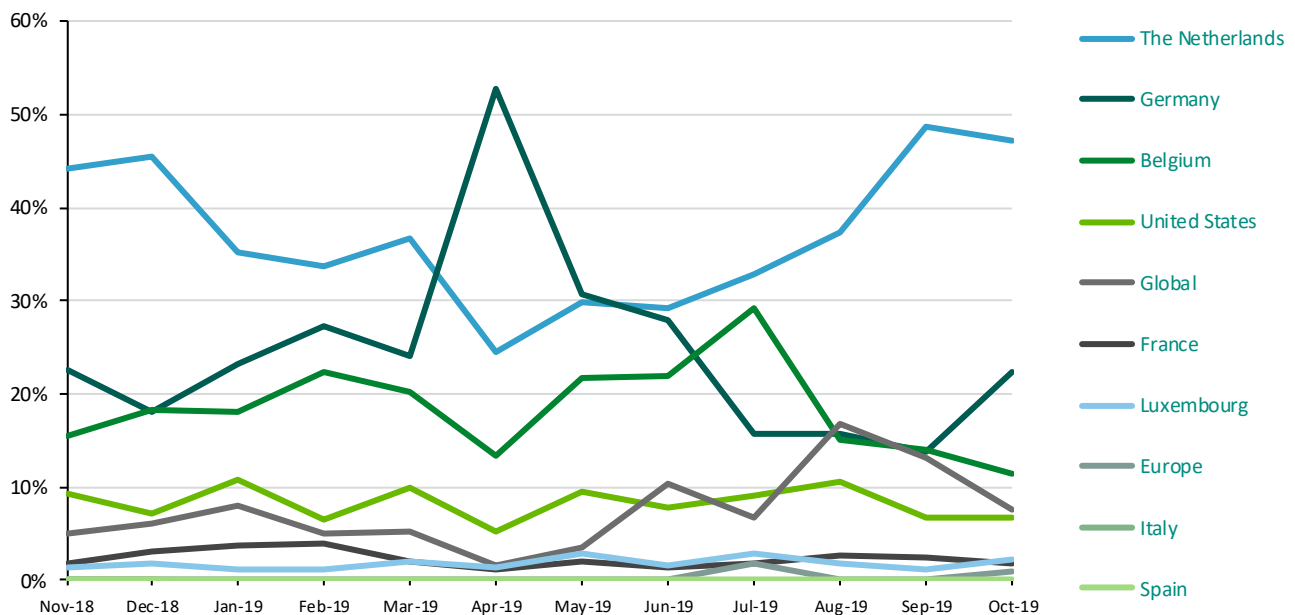
Market Trend: Value traded

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

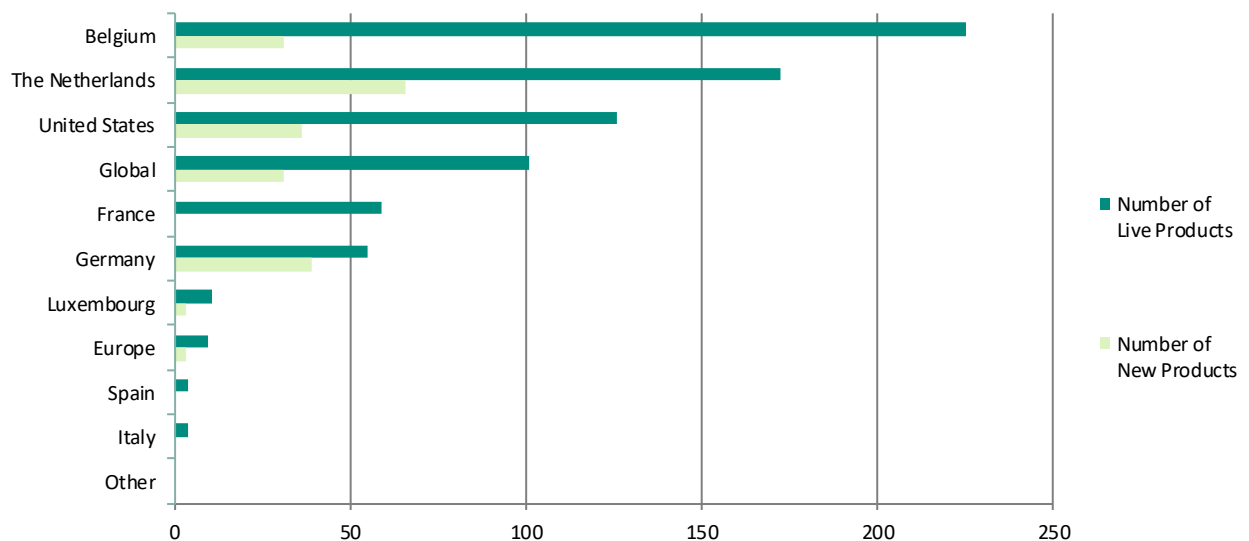
Product Overview

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	225	-2.8%	-9.6%	29.4%	31	-6.1%	-8.6%	14.8%
The Netherlands	172	-0.4%	0.4%	22.5%	66	47%	16.8%	31.6%
United States	126	-5.2%	-2.4%	16.4%	36	0.0%	-19.6%	17.2%
Global	101	1.1%	10.9%	13.2%	31	-40%	-16.2%	14.8%
France	59	0.4%	-11.5%	7.7%	0	-100%	-100%	0.0%
Germany	55	-0.9%	-9.3%	7.2%	39	95%	31%	18.7%
Luxembourg	11	-25%	-13.0%	1.4%	3	-40%	-22%	1.4%
Europe	9	6.9%	13.0%	1.2%	3	200%	71%	1.4%
Spain	4	0.0%	-0.4%	0.5%	0		-100%	0.0%
Italy	4	0.0%	0.5%	0.5%	0		-100%	0.0%
Other	0			0.0%	0			0.0%
Total	766	-2.1%	-3.8%	100%	209	7.2%	-0.6%	100%

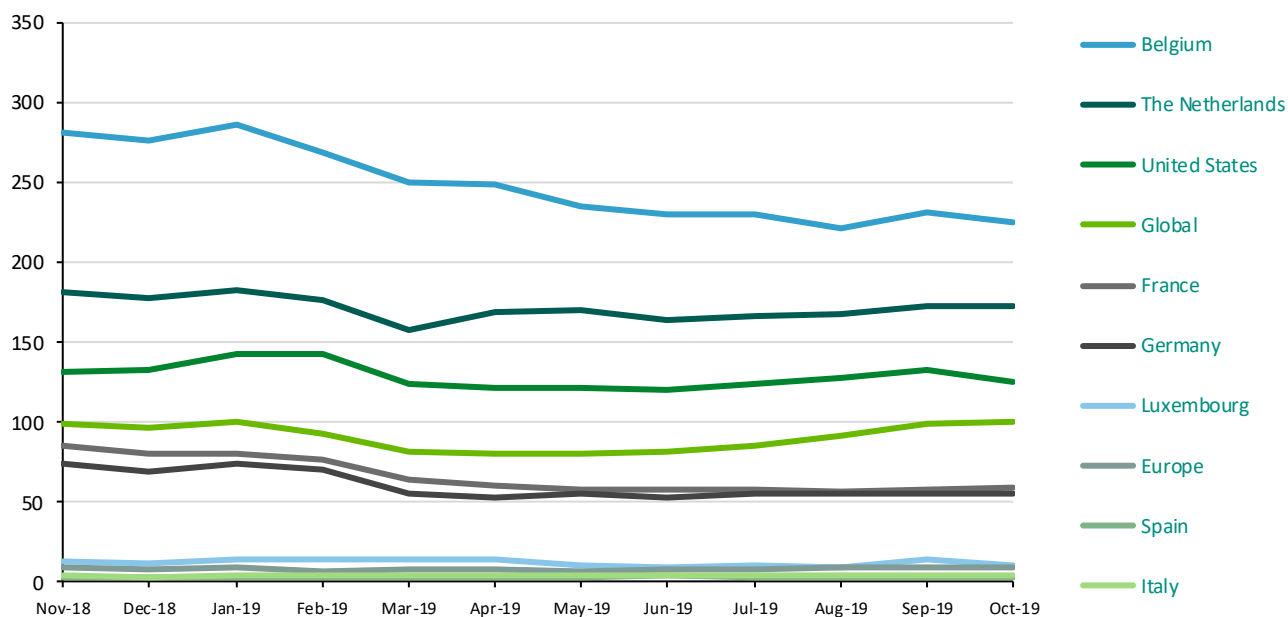
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

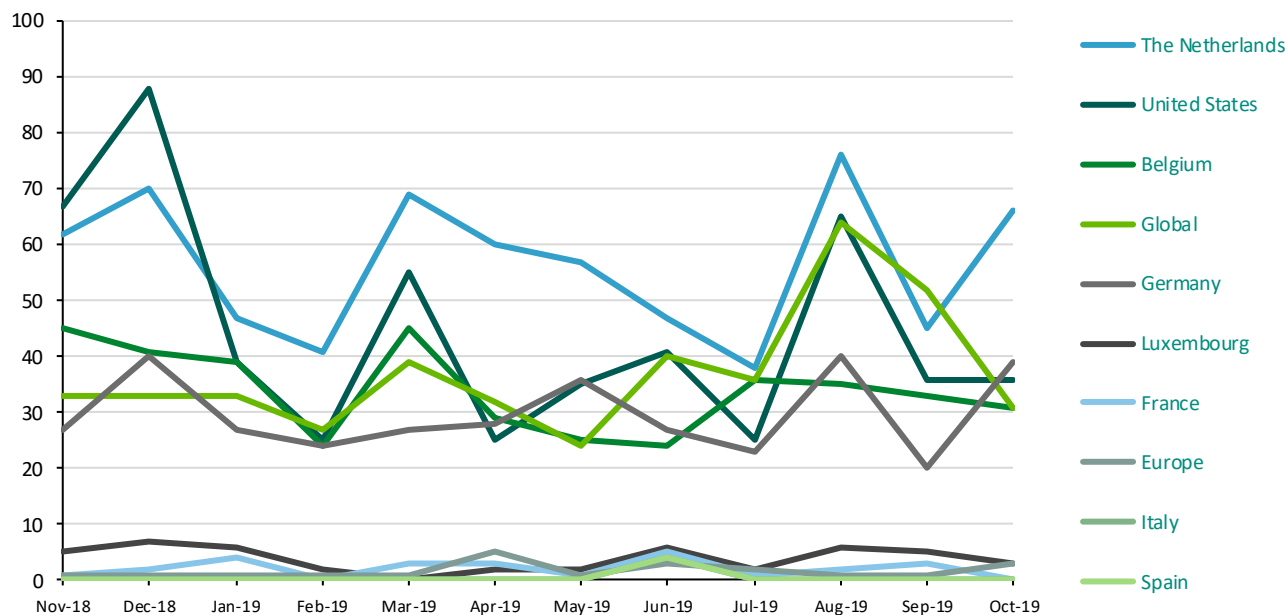
Product Trend: Number of Live Products

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

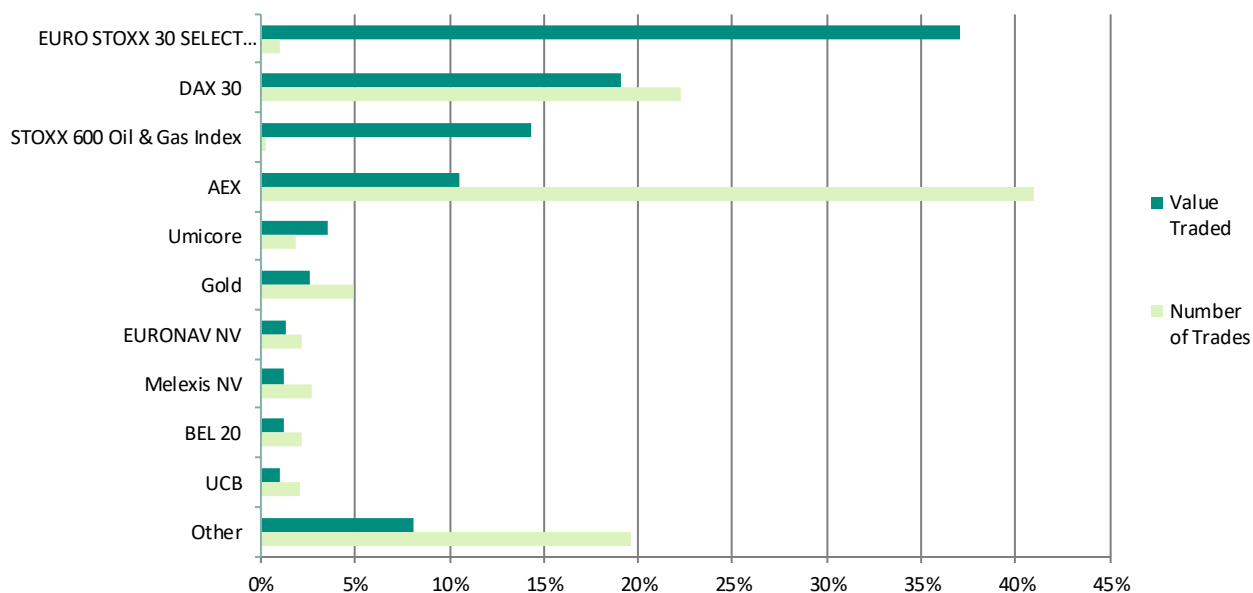
Market Overview

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	248	-71%	108%	37.1%	2.2	-58.1%	-95.8%	0.9%
DAX 30	127	-49%	35%	19.1%	51	91%	NA	22.3%
STOXX 600 Oil & Gas Index	96	-36%	5.8%	14.3%	0.6	-99%	-99%	0.3%
AEX	71	209%	0.5%	10.6%	95	934%	NA	41.0%
Umicore	24	9.6%	-55%	3.6%	4.3	-16.2%	-30%	1.9%
Gold	17	27%	-13.2%	2.5%	11	29%	22%	4.9%
EURONAV NV	9	-13.3%	-19.8%	1.3%	4.9	10.9%	-23%	2.1%
Melexis NV	8	5.0%	-11.4%	1.2%	6.3	-7.4%	-23%	2.7%
BEL 20	8	38%	-11.7%	1.2%	5.1	-1.1%	19.8%	2.2%
UCB	7	50%	-5.6%	1.0%	4.7	86%	63%	2.0%
Other	54	13.5%	-25%	8.1%	45	22%		19.6%
Total	668	-51.5%	20.3%	100%	231	18.0%	14.7%	100%

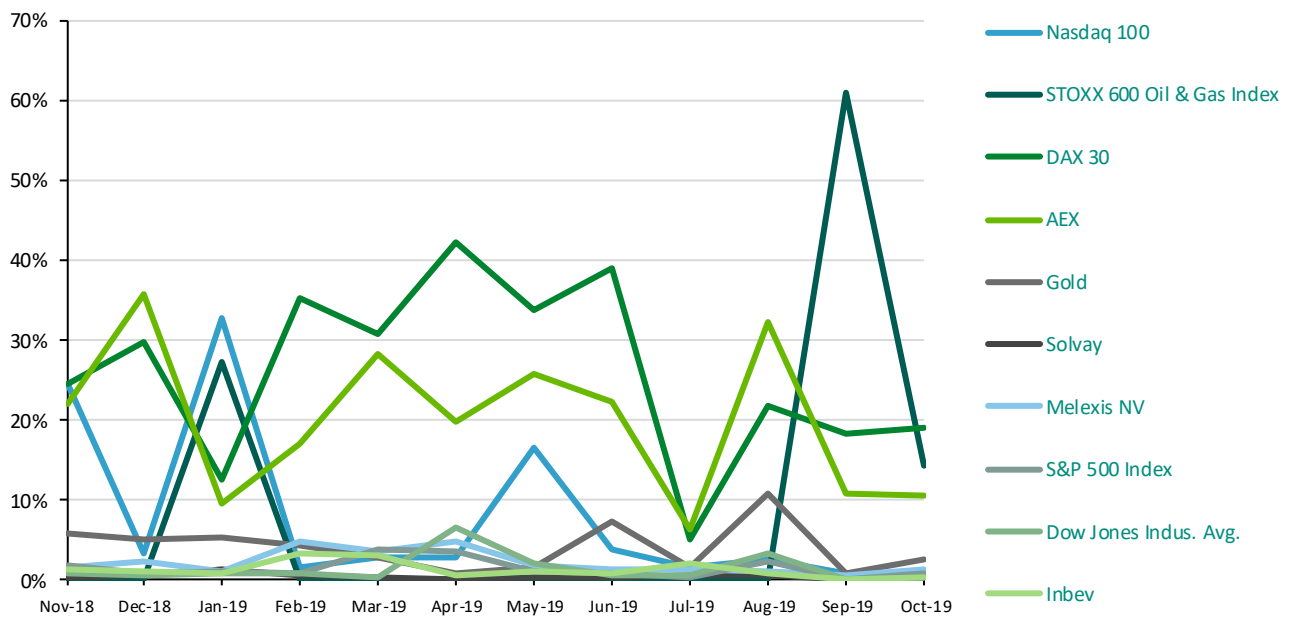
(Source Euronext)



TOP 10 UNDERLYINGS

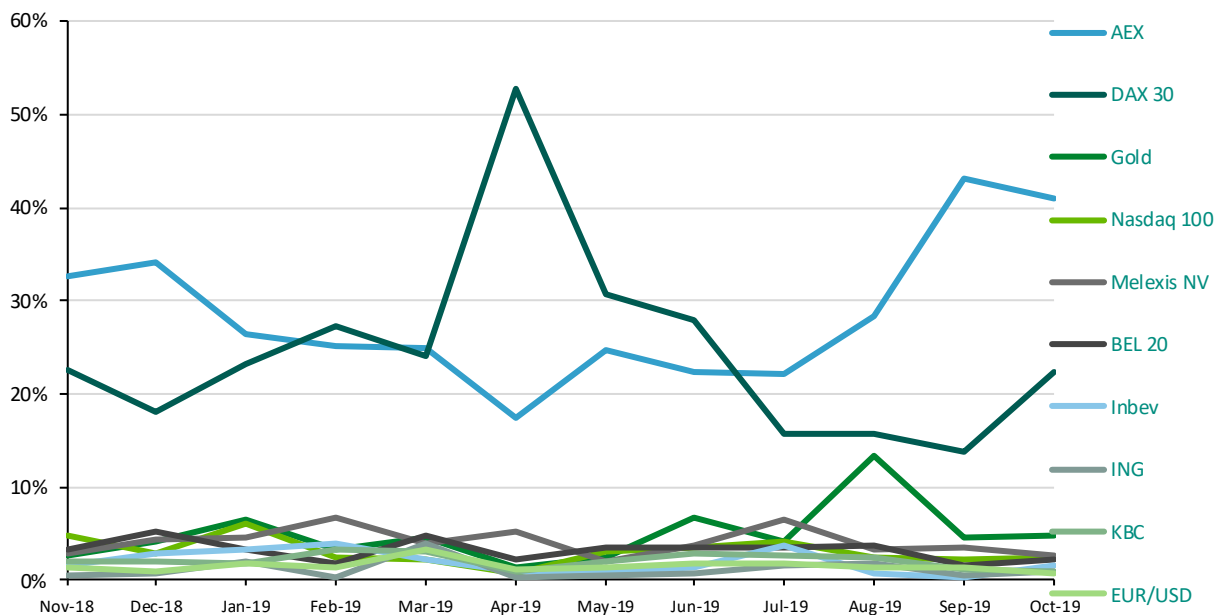
Market Trend: Value traded

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

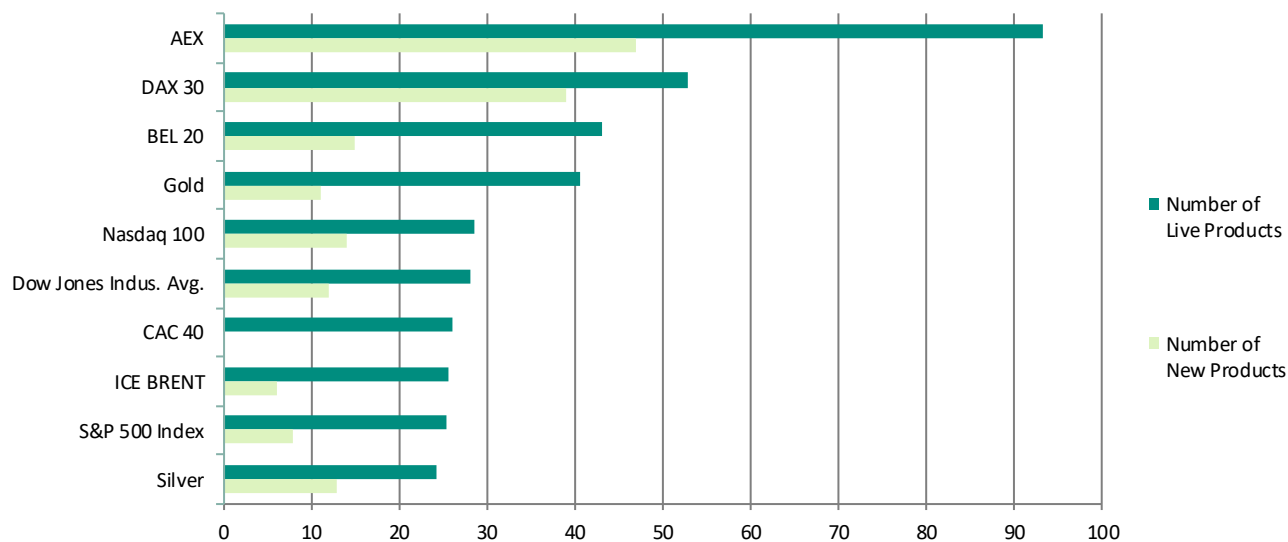
Product Overview

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	93	-0.4%	-1.0%	12.2%	47	47%	13.0%	22.5%
DAX 30	53	0.9%	-8.2%	6.9%	39	95%	31%	18.7%
BEL 20	43	-1.4%	-10.9%	5.6%	15	50%	11.8%	7.2%
Gold	41	-0.4%	15.9%	5.3%	11	-42%	-29%	5.3%
Nasdaq 100	29	-1.6%	-0.5%	3.7%	14	27%	-7.2%	6.7%
Dow Jones Indus. Avg.	28	-2.6%	1.1%	3.7%	12	50%	-7.7%	5.7%
CAC 40	26	-3.7%	-16.4%	3.4%	0		-100%	0.0%
ICE BRENT	26	3.8%	-1.5%	3.3%	6	-40%	-8.9%	2.9%
S&P 500 Index	25	-1.0%	-0.4%	3.3%	8	-11.1%	-21%	3.8%
Silver	24	-3.7%	20%	3.2%	13	-38%	-6.6%	6.2%
Other	378	-3.4%	-5.8%	49.4%	44			21.1%
Total	766	-2.1%	-3.8%	100%	209	7.2%	-0.6%	100%

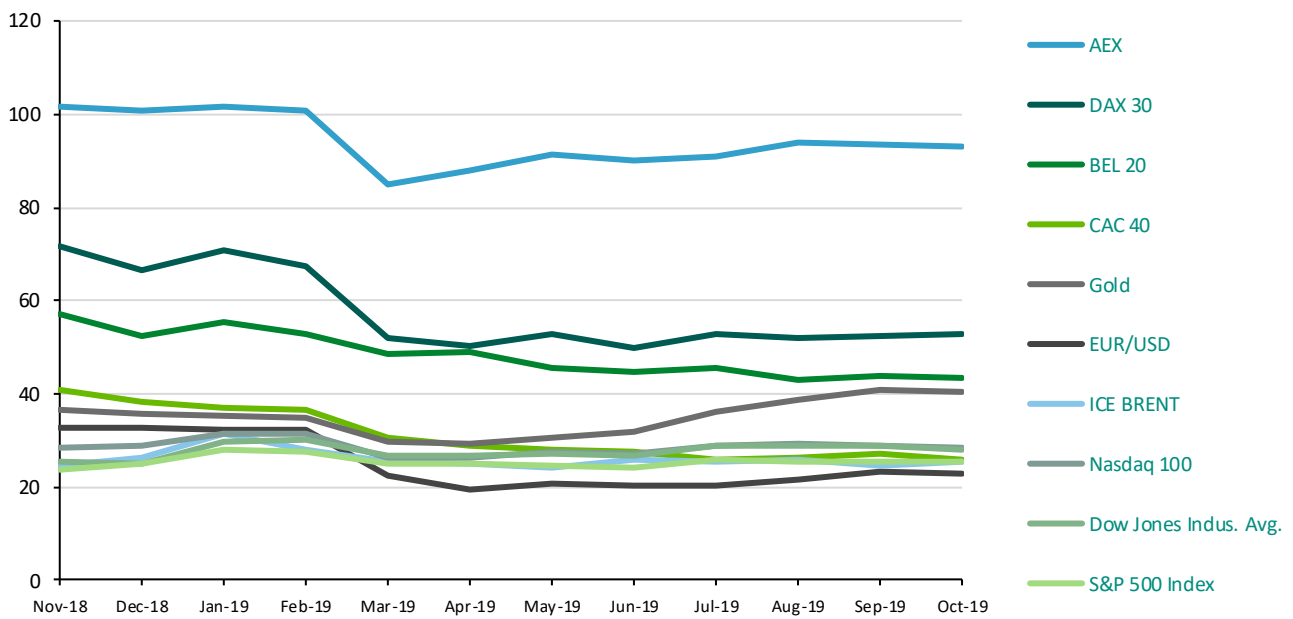
(Source Euronext)



TOP 10 UNDERLYINGS

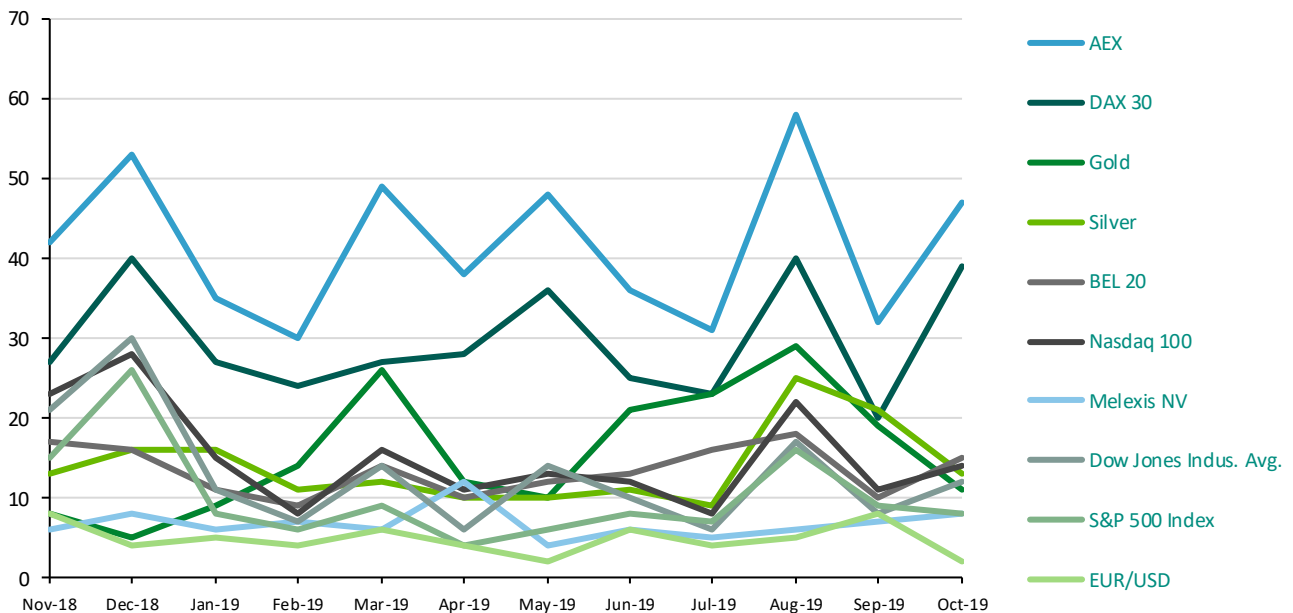
Product Trend: Number of Live Products

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
LU2051401235	KBC	1260	Express Certificates	STOXX 600 Oil & Gas Index	20,000	128
LU2051401318	KBC	1260	Express Certificates	STOXX 600 Oil & Gas Index	15,400	90
DE000CJ3L942	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	6,563	424
DE000CJ3MAW9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	4,497	196
DE000CJ3MD42	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	2,062	46
DE000CJ3MBD7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	558	38
DE000CJ3L9Z3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	522	2,062
DE000CJ3MCJ2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	440	26
DE000CN8ZTW4	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	328	38
DE000CJ3LJV4	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	290	24
DE000CJ3MAG2	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	283	44
DE000CJ3LJQ4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	276	66
DE000CJ3L9R0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	214	68
DE000CJ3L9A6	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	211	64
DE000CJ3LZ13	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	184	32
DE000CN1W7N4	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	165	120
DE000CJ3MEM2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	163	118
DE000CJ3MFJ5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	157	90
DE000CJ3LYH2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	137	90
DE000CN914B2	Commerzbank	2205	Open-End Knock-Out Warrants	EURONAV NV	133	66
DE000CJ3MCD5	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	128	60
DE000CR0K7H2	Commerzbank	2205	Open-End Knock-Out Warrants	Colruyt	126	162
DE000CN1VF84	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	121	24
DE000CJ3KX81	Commerzbank	2300	Constant Leverage Certificate	ICE BRENT	117	48
DE000CJ3L207	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	114	78
DE000CJ3MFL1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	112	88
DE000CJ3L2K0	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	108	28
LU1835956795	KBC	2100	Warrants	Axa	92	4
DE000CJ3KY49	Commerzbank	2205	Open-End Knock-Out Warrants	Engie	90	30
DE000CJ3MFK3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	86	82
DE000CJ3MEQ3	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	84	38
DE000CJ3KY80	Commerzbank	2205	Open-End Knock-Out Warrants	Solvay	84	28
DE000CJ3LPX7	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	80	6
DE000CJ3ME25	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	80	40
DE000CJ3LJ96	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	79	2
DE000CN8ZQK5	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	77	56
DE000CN90NS0	Commerzbank	2205	Open-End Knock-Out Warrants	Total	73	46
DE000CA1SVH6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	73	16
DE000CJ3MD83	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	72	30
DE000CR0JU34	Commerzbank	2205	Open-End Knock-Out Warrants	Colruyt	70	26
DE000CJ3MCF0	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	68	118
DE000CJ3L0E7	Commerzbank	2205	Open-End Knock-Out Warrants	Inbev	65	18
DE000CJ3L9H1	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	61	28
DE000CJ3K4E0	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	59	86
DE000CJ3LWU9	Commerzbank	2205	Open-End Knock-Out Warrants	Ontex Group Ord Shs	56	18
DE000CJ3K7N4	Commerzbank	2205	Open-End Knock-Out Warrants	Axa	56	32
DE000CJ3MA45	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	56	34
DE000CJ3KXV7	Commerzbank	2205	Open-End Knock-Out Warrants	KBC	55	56
DE000CJ3MBJ4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	49	44
DE000CJ3MCM6	Commerzbank	2205	Open-End Knock-Out Warrants	ArceIormittal	48	4

(Source Euronext)



Euronext Lisbon

ISSUERS

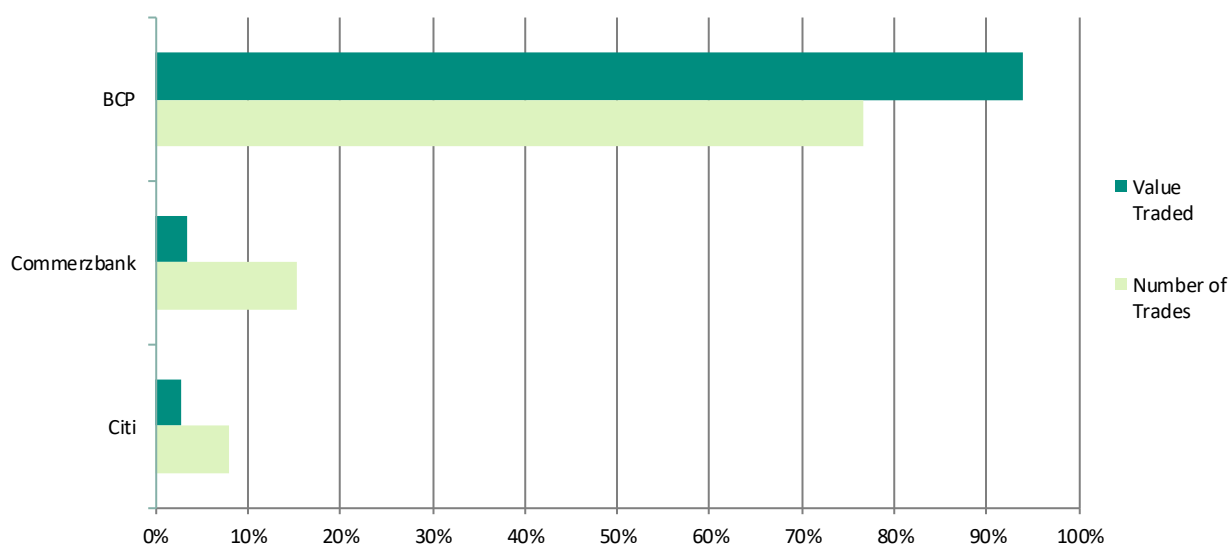
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	5,073	-7.2%	28%	93.9%	358	25.5%	34.1%	76.8%
Commerzbank	182	32%	5.8%	3.4%	71	14.3%	-0.8%	15.3%
Citi	147	50%	18.1%	2.7%	37	55.6%	6.1%	8.0%
Total	5,402	-5.2%	26.7%	100%	466	25.6%	24.8%	100%

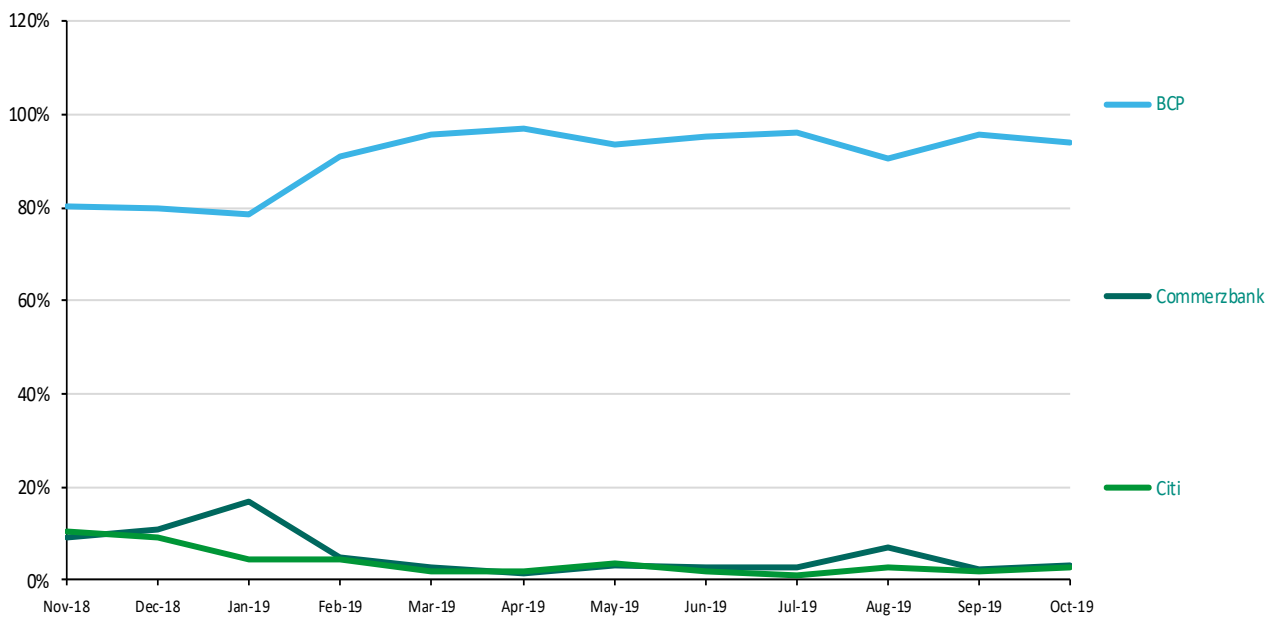
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ISSUERS

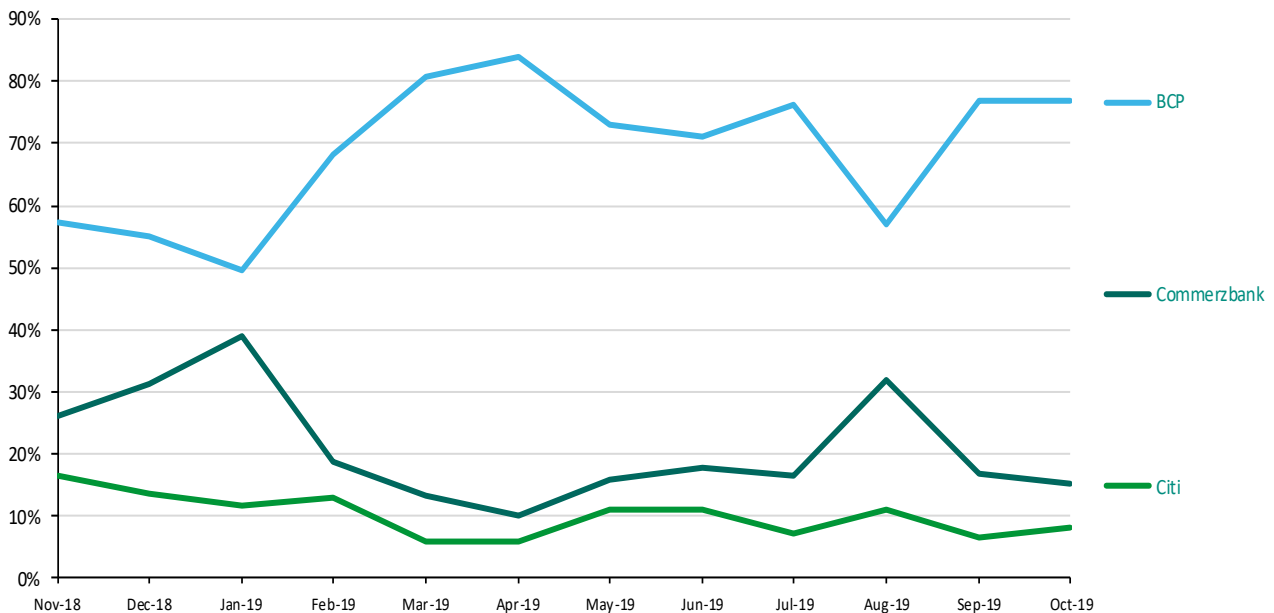
Market Trend: Value traded

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

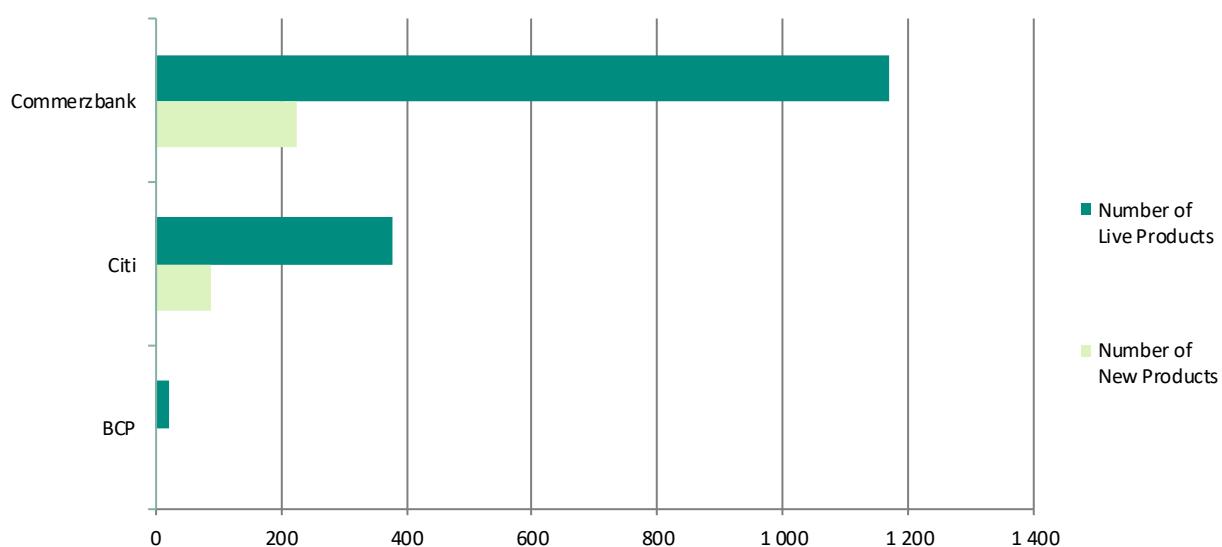
Product Overview

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	1,171	-3.9%	3.2%	74.5%	224	13.1%	-15.5%	71.8%
Citi	379	-10.2%	-7.0%	24.1%	88	-47%	-32%	28.2%
BCP	22	0.0%	0.3%	1.4%	0			0.0%
Total	1,572	-5.5%	0.5%	100%	312	-14.3%	-21.0%	100%

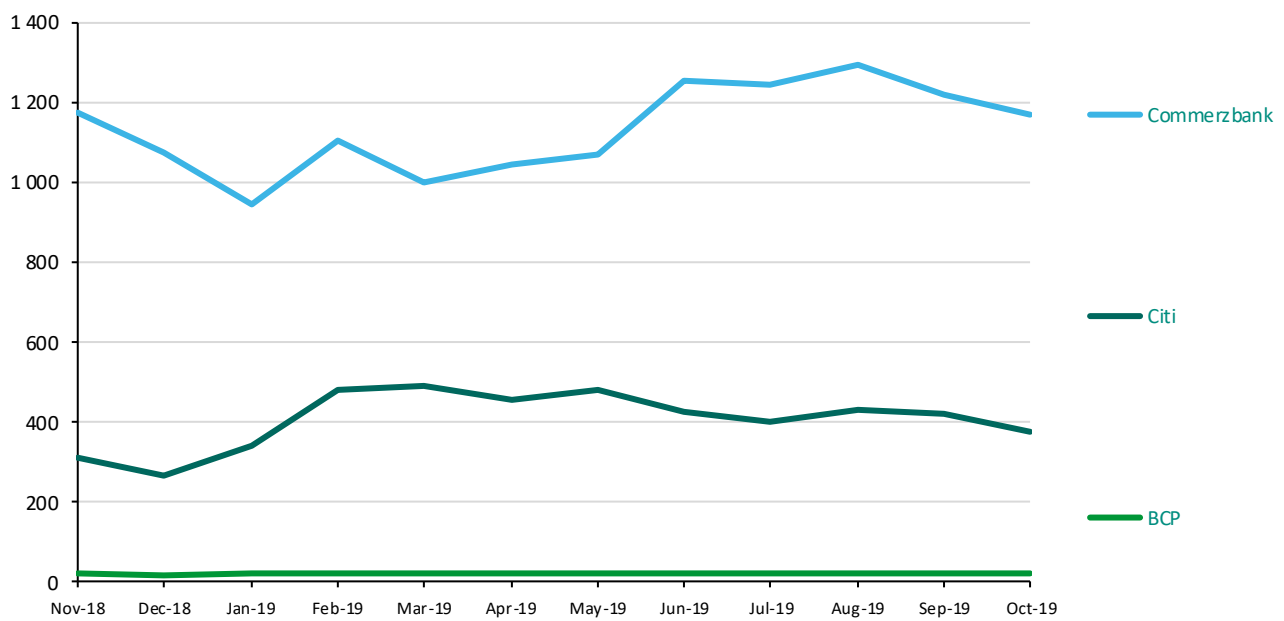
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ISSUERS

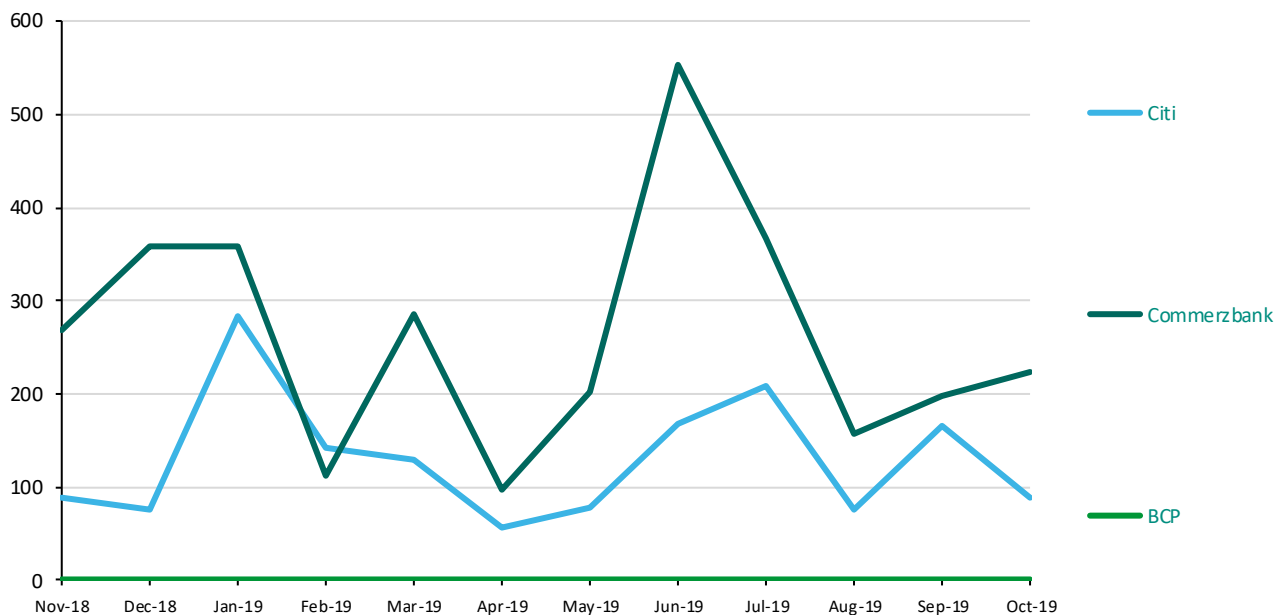
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

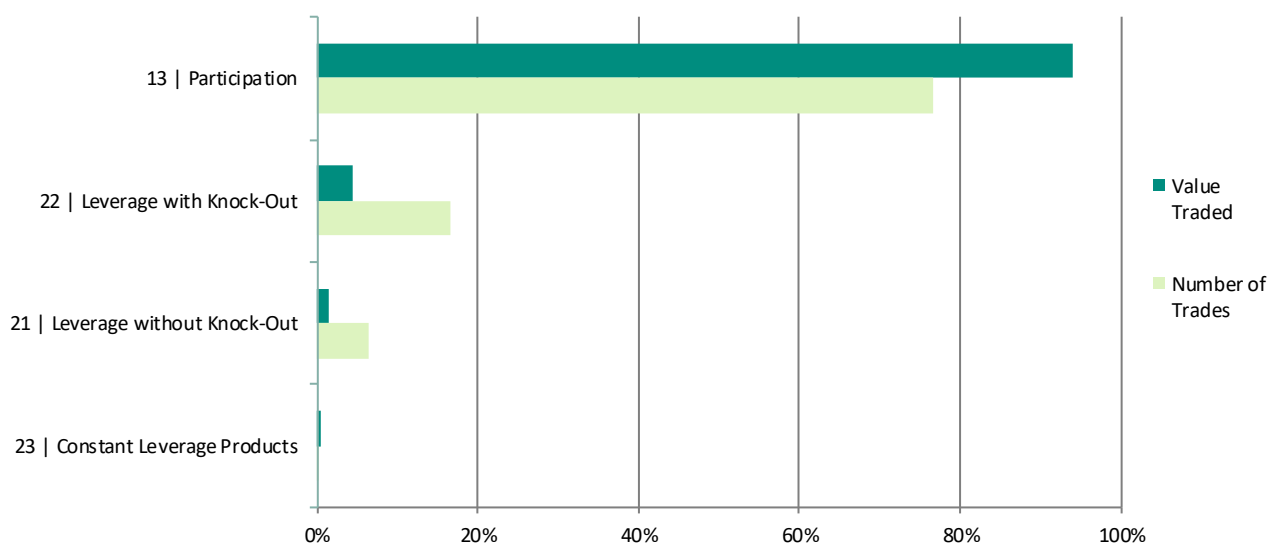
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13 Participation	5,073	-7.2%	28%	93.9%	358	25.5%	34.1%	76.8%
22 Leverage with Knock-Out	238	60%	9.6%	4.4%	78	40.8%	3.2%	16.7%
21 Leverage without Knock-Out	72	-16.1%	0.9%	1.3%	30	-2.5%	-1.9%	6.3%
23 Constant Leverage Products	18	NA	148%	0.3%	1.2	70.4%	-18.8%	0.3%
Total	5,402	-5.2%	26.7%	100%	466	25.6%	24.8%	100%

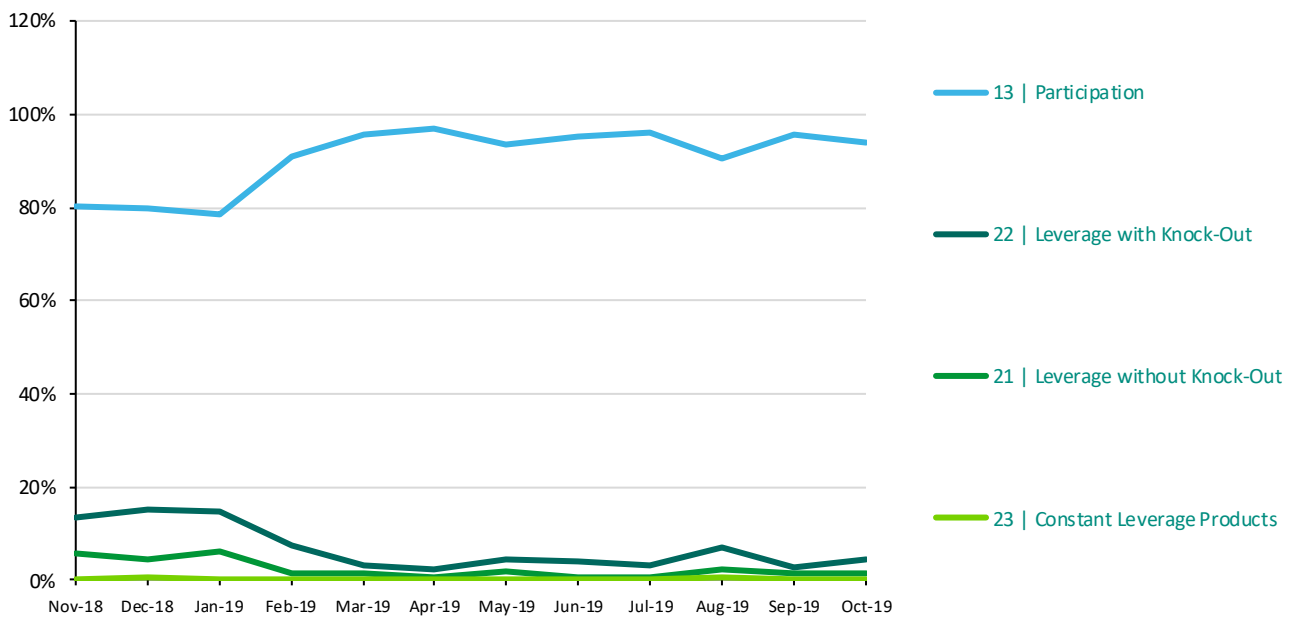
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

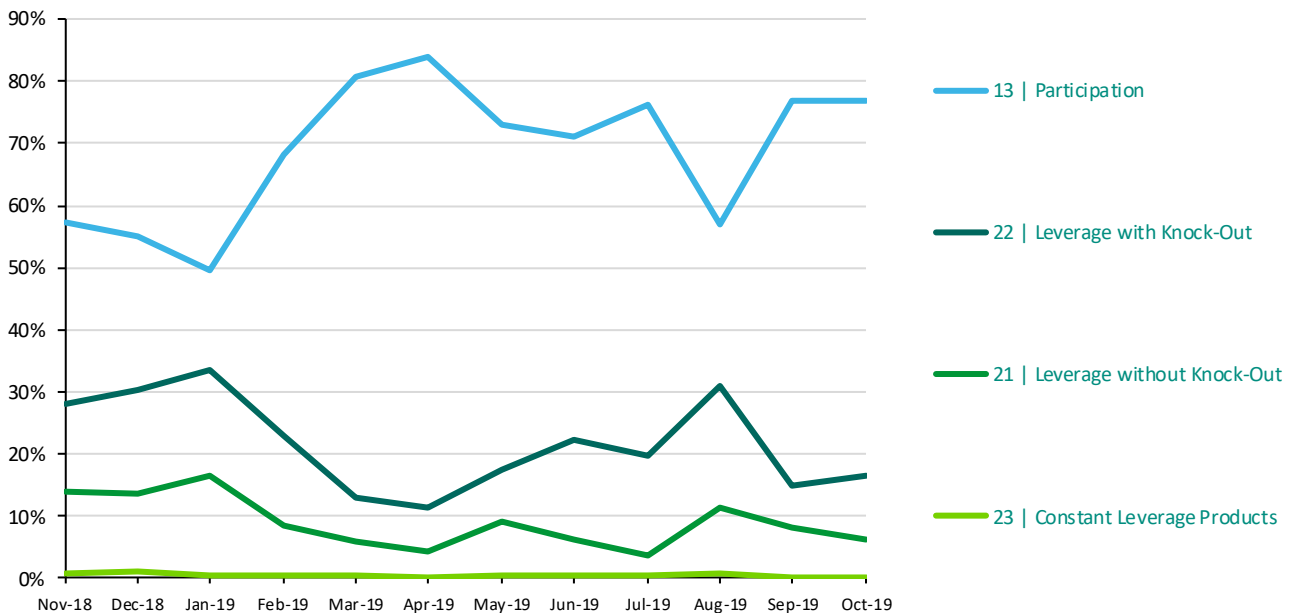
Market Trend: Value traded

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

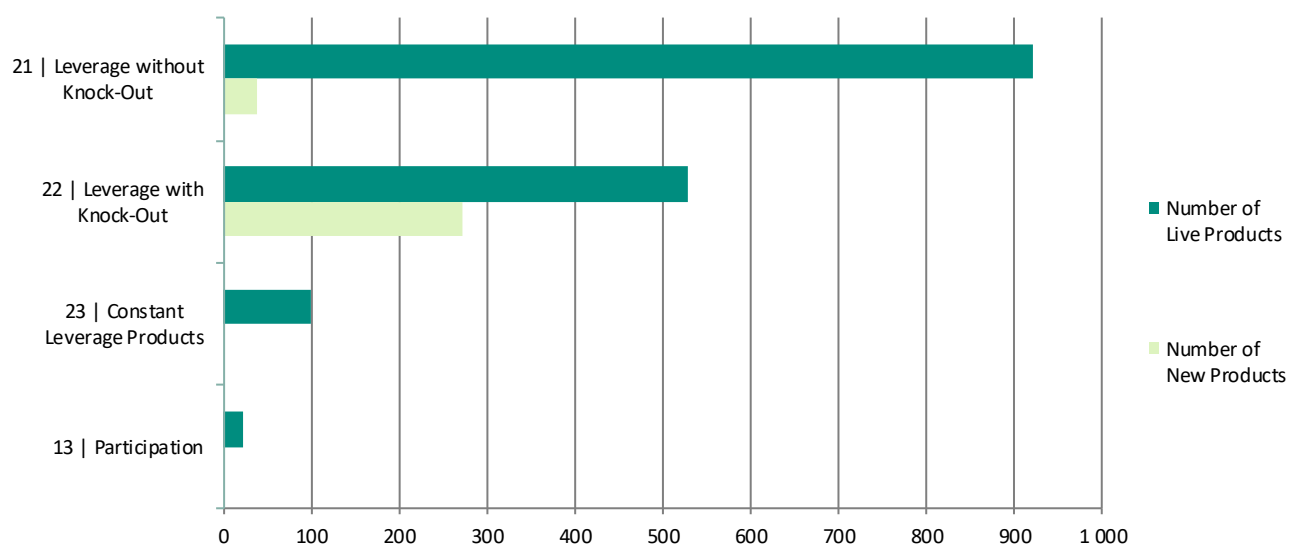
Product Overview

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	923	-1.8%	0.1%	58.7%	39	-25%	-67%	12.5%
22 Leverage with Knock-Out	529	-11.9%	4.3%	33.6%	273	-12.5%	0.7%	87.5%
23 Constant Leverage Products	98	-2.5%	-12.6%	6.3%	0		-100%	0.0%
13 Participation	22	0.0%	0.3%	1.4%	0			0.0%
Total	1,572	-5.5%	0.5%	100%	312	-14.3%	-21.0%	100%

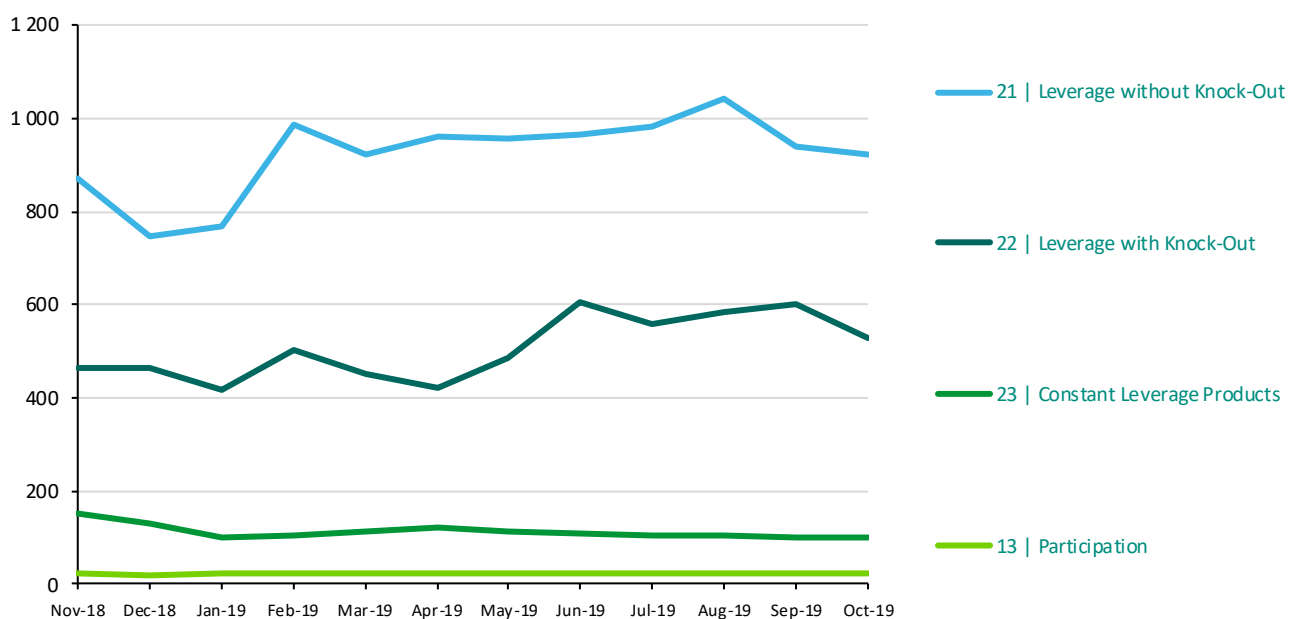
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

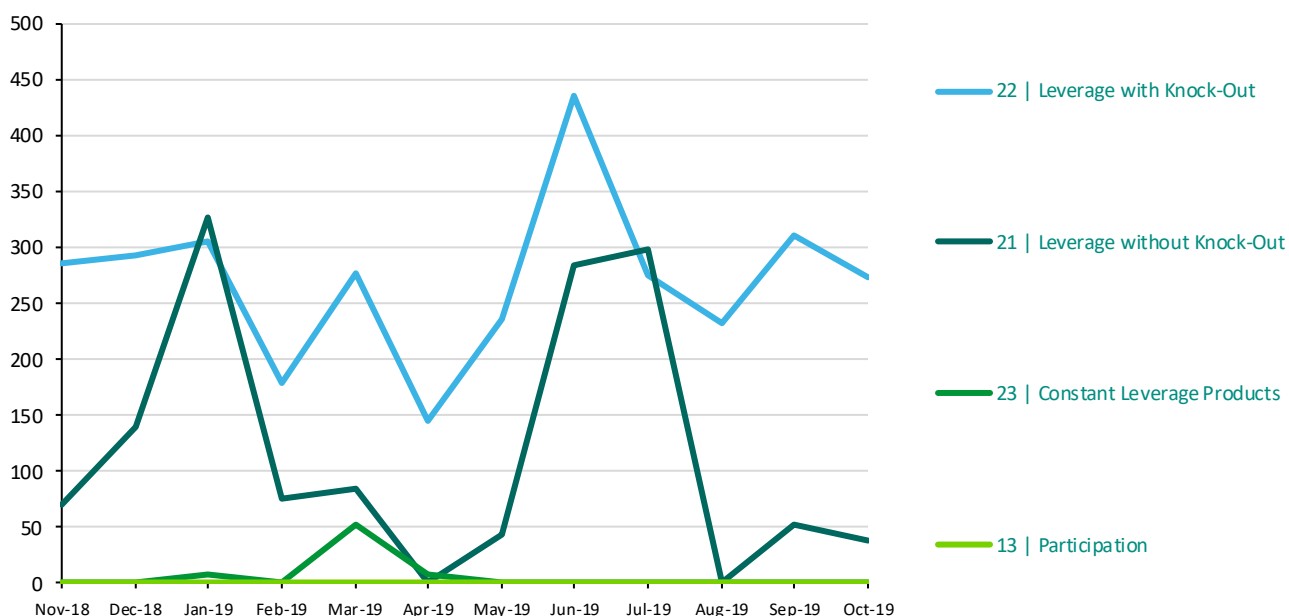
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

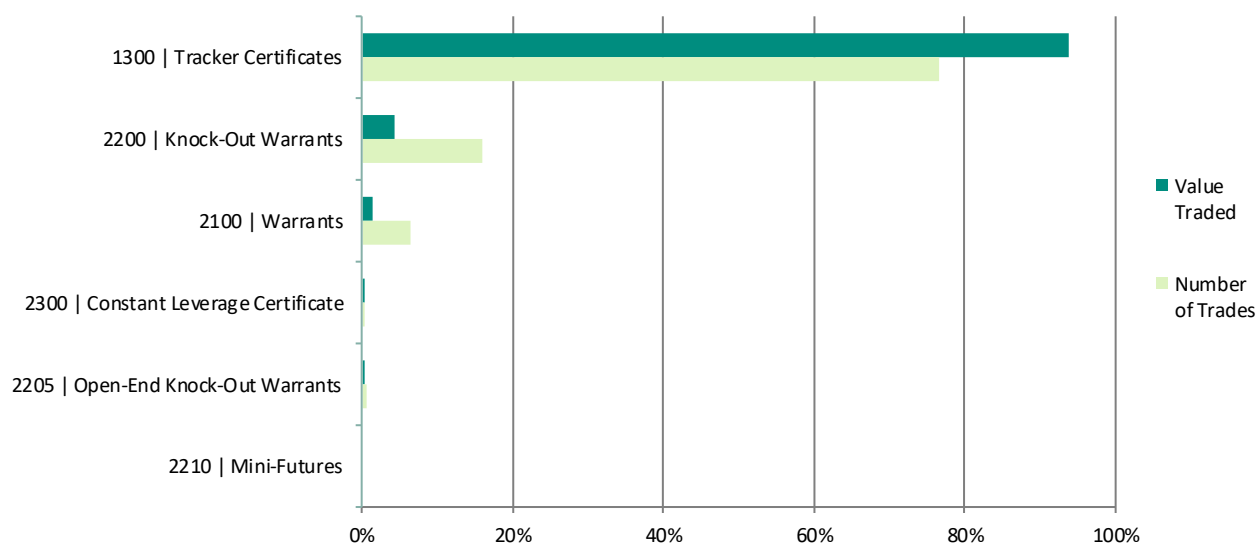
Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300 Tracker Certificates	5,073	-7.2%	28%	93.9%	358	25.5%	34.1%	76.8%
2200 Knock-Out Warrants	231	63%	9.2%	4.3%	74	40%	0.8%	15.9%
2100 Warrants	72	-16.1%	0.9%	1.3%	30	-2.5%	-1.9%	6.3%
2300 Constant Leverage Certificate	18	167%	148%	0.3%	1.2	-48%	-18.8%	0.3%
2205 Open-End Knock-Out Warrants	7	771%	50%	0.1%	3.5	393%	123%	0.8%
2210 Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
Total	5,402	-5.2%	26.7%	100%	466	25.6%	24.8%	100%

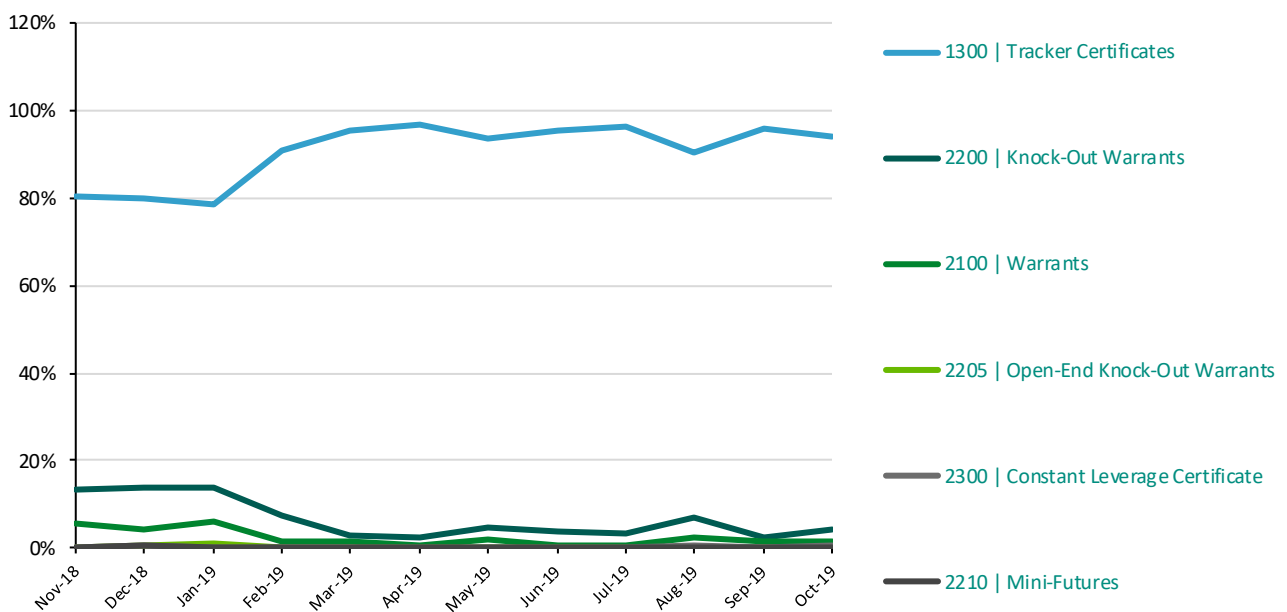
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

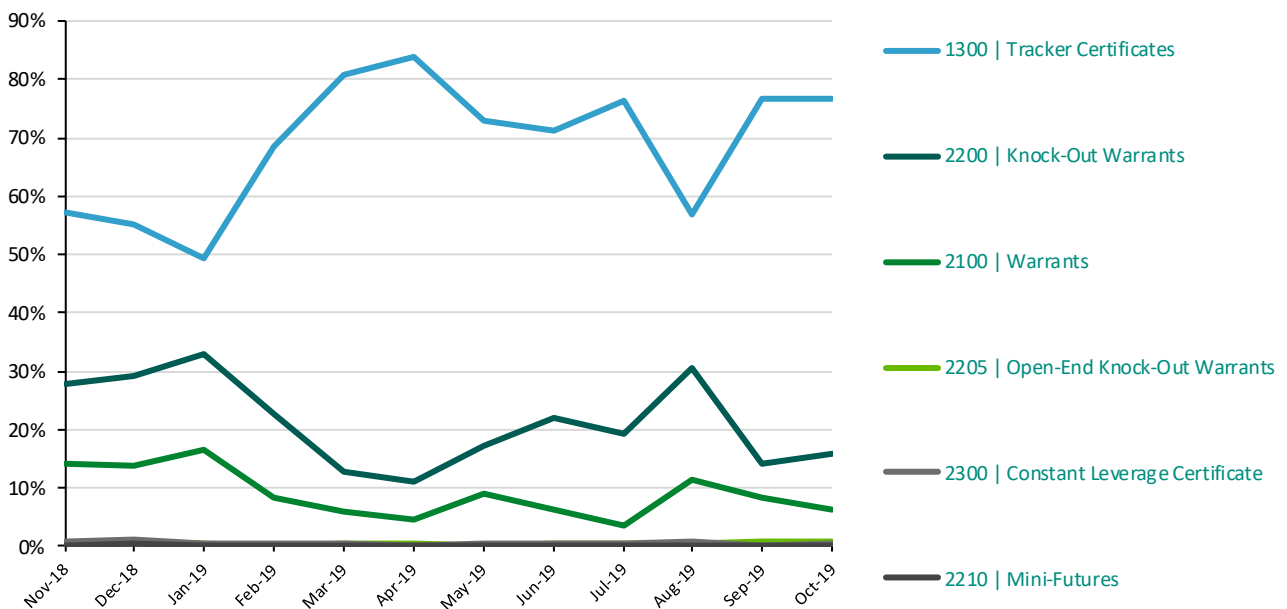
Market Trend: Value traded

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)

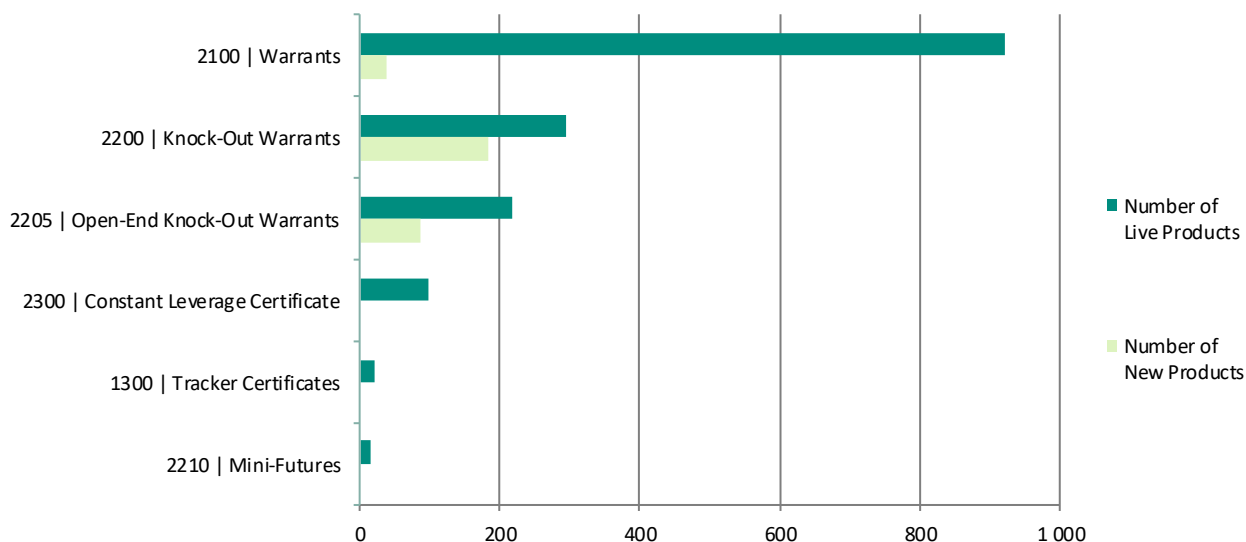
Product Overview

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	923	-1.8%	0.1%	58.7%	39	-25%	-67%	12.5%
2200 Knock-Out Warrants	296	-26%	-7.9%	18.8%	185	-39%	-18.7%	59.3%
2205 Open-End Knock-Out Warrants	217	16.3%	31%	13.8%	88	NA	102%	28.2%
2300 Constant Leverage Certificate	98	-2.5%	-12.6%	6.3%	0		-100%	0.0%
1300 Tracker Certificates	22	0.0%	0.3%	1.4%	0			0.0%
2210 Mini-Futures	16	-2.2%	-21%	1.0%	0			0.0%
Total	1,572	-5.5%	0.5%	100%	312	-14.3%	-21.0%	100%

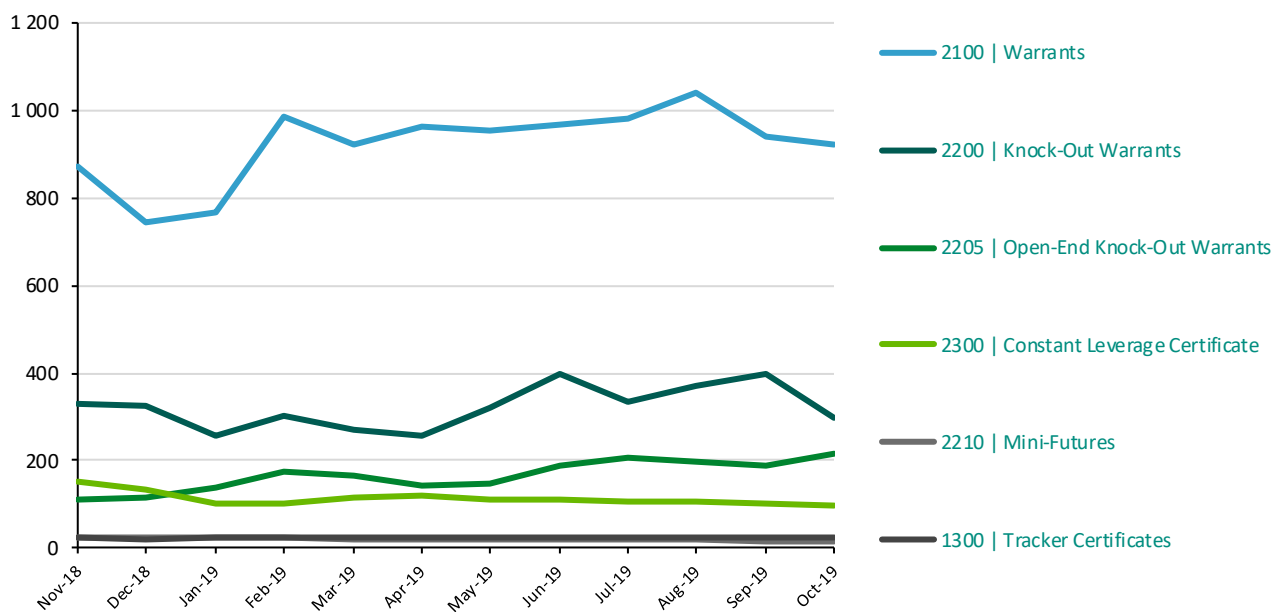
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

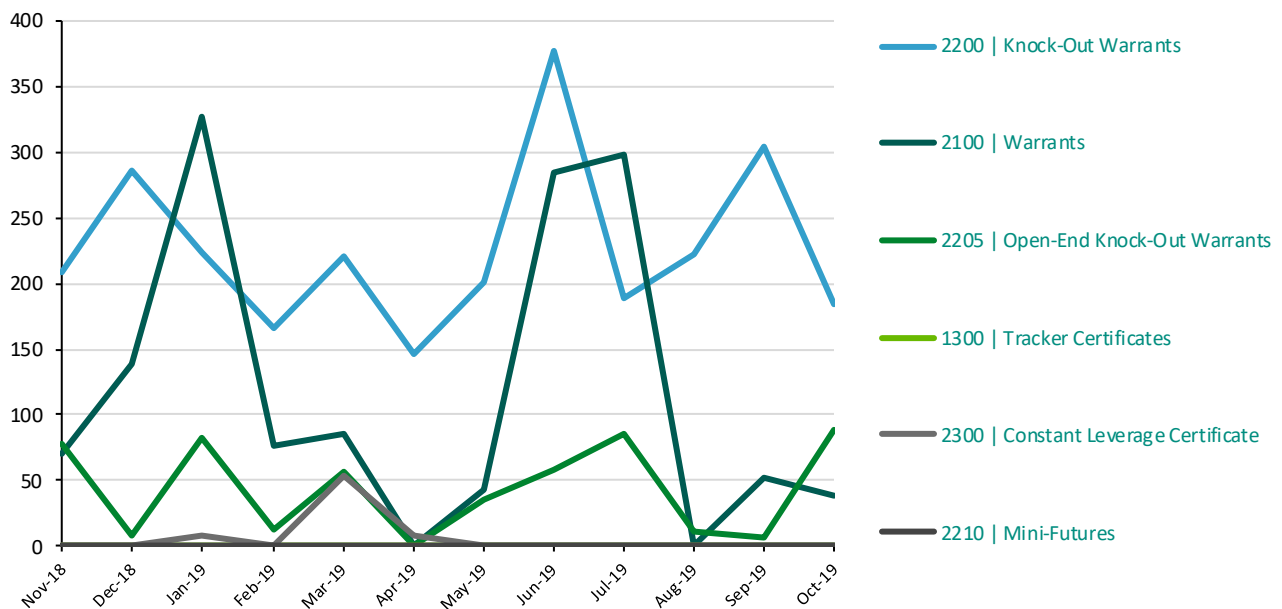
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

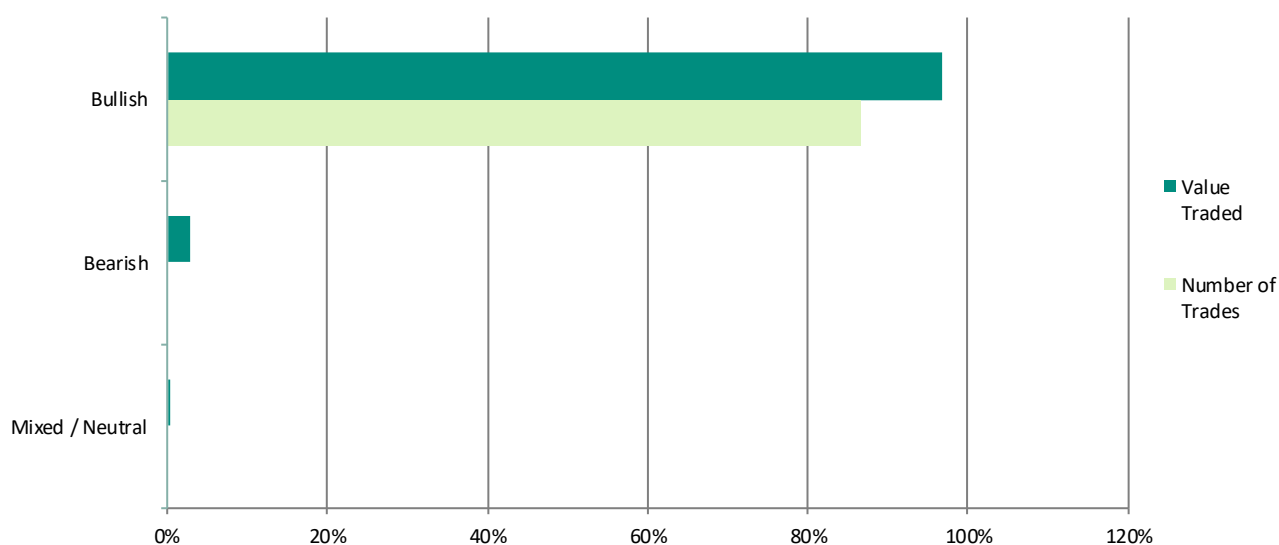
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	5,228	-6.4%	27%	96.8%	403	26.0%	26.0%	86.6%
Bearish	155	39%	11.1%	2.9%	0.0	-100%	-100%	0.0%
Mixed / Neutral	18	NA	194%	0.3%	0.0	-100%	-100%	0.0%
Total	5,402	-5.2%	26.7%	100%	466	25.6%	24.8%	100%

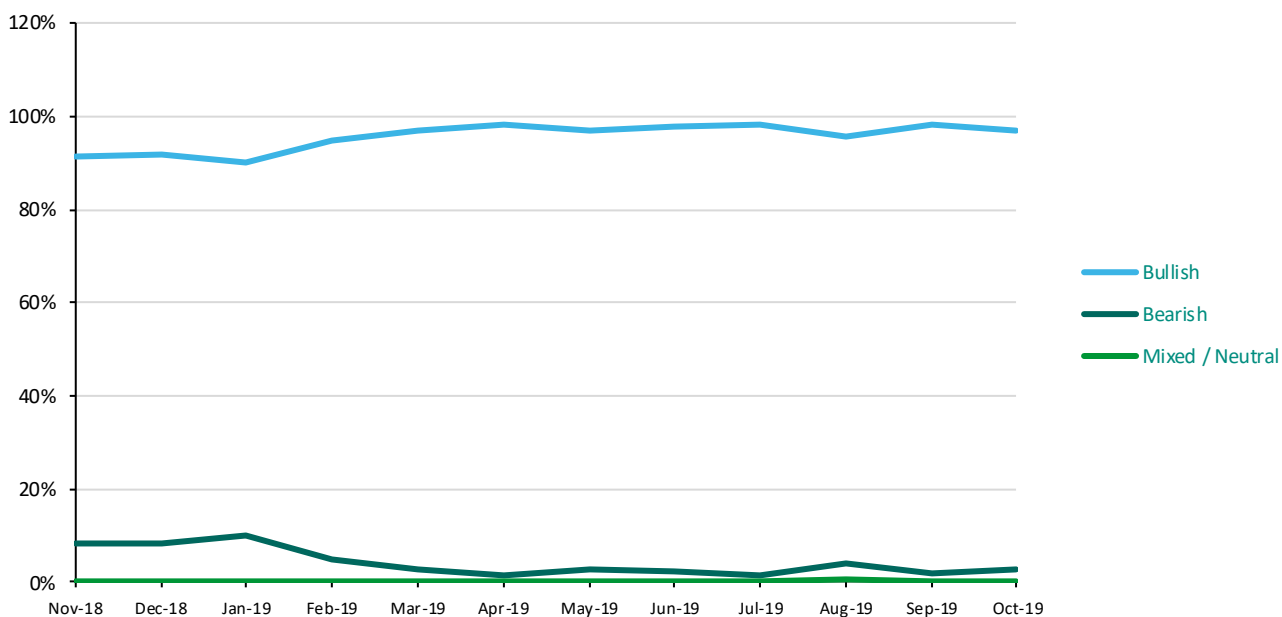
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PRODUCT STRATEGIES

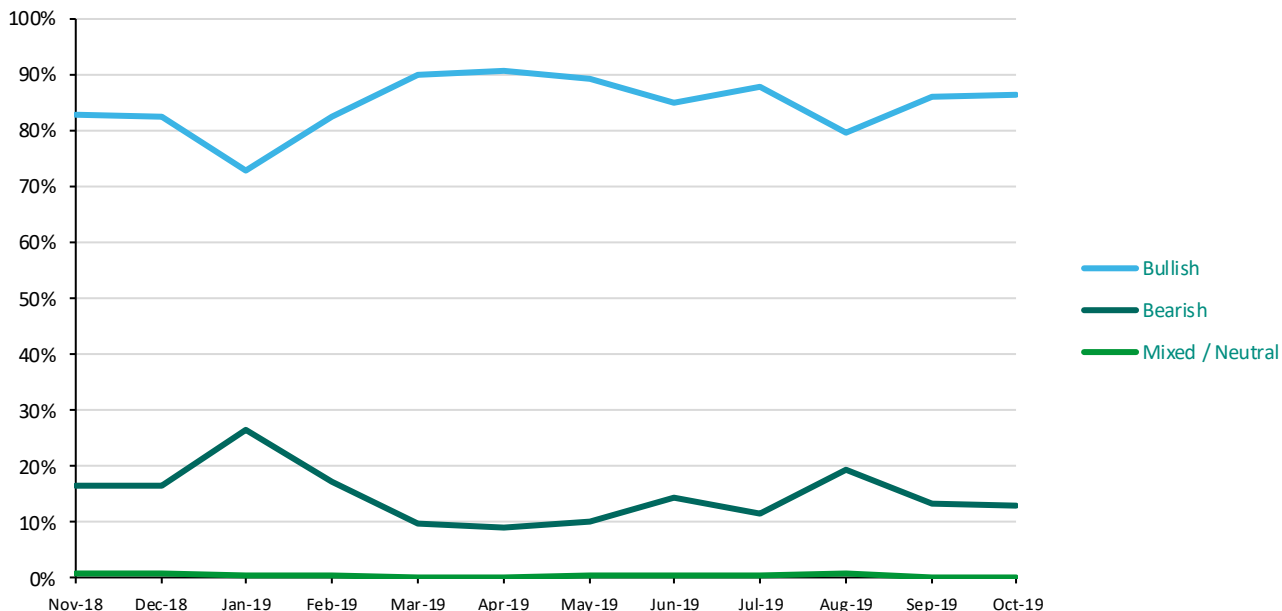
Market Trend: Value traded

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

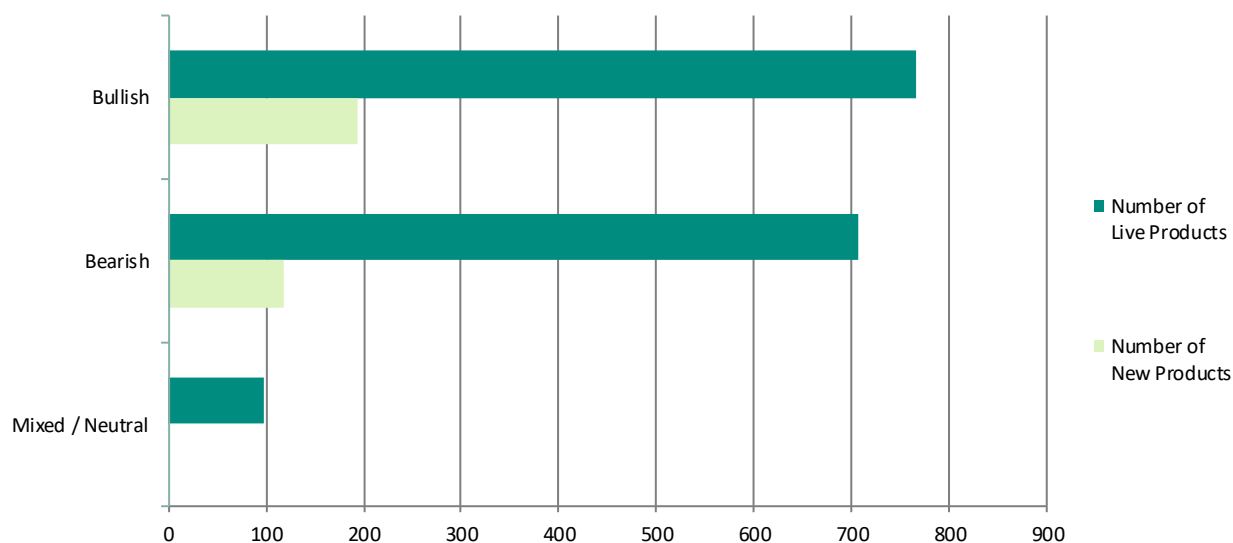
Product Overview

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	767	-3.2%	3.7%	48.8%	193	3.8%	-5.2%	61.9%
Bearish	706	-8.2%	-1.7%	44.9%	119	-33%	-36%	38.1%
Mixed / Neutral	98	-2.5%	-6.5%	6.3%	0		-100%	0.0%
Total	1,572	-5.5%	0.5%	100%	312	-14.3%	-21.0%	100%

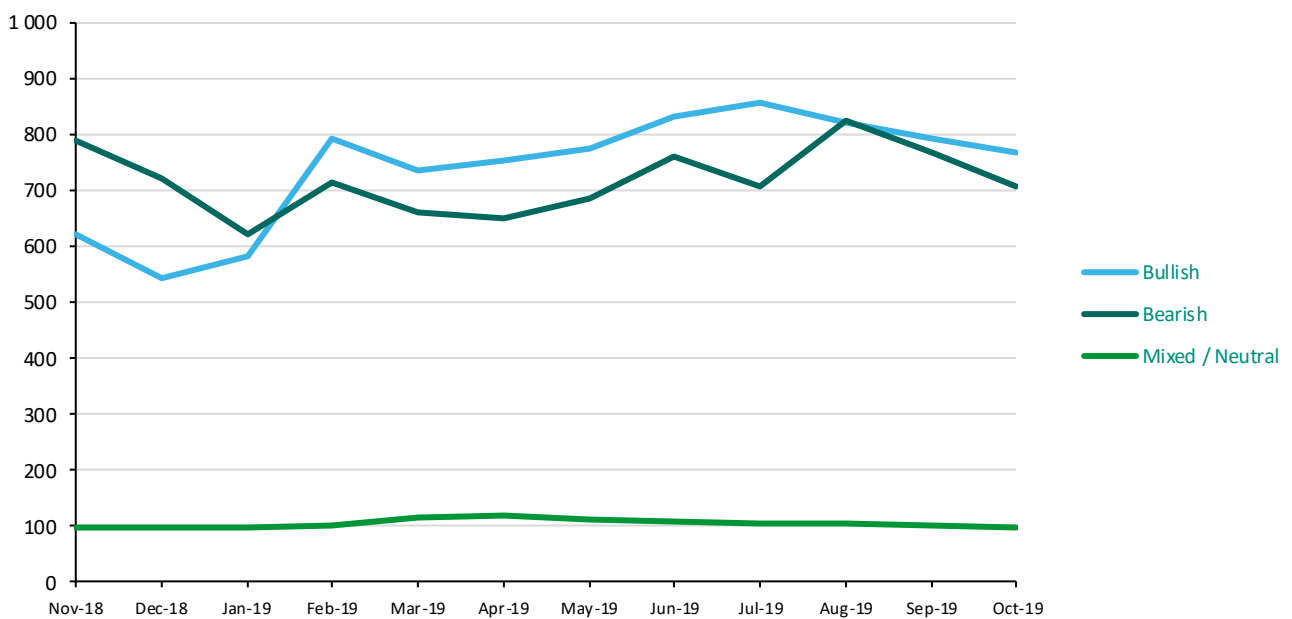
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PRODUCT STRATEGIES

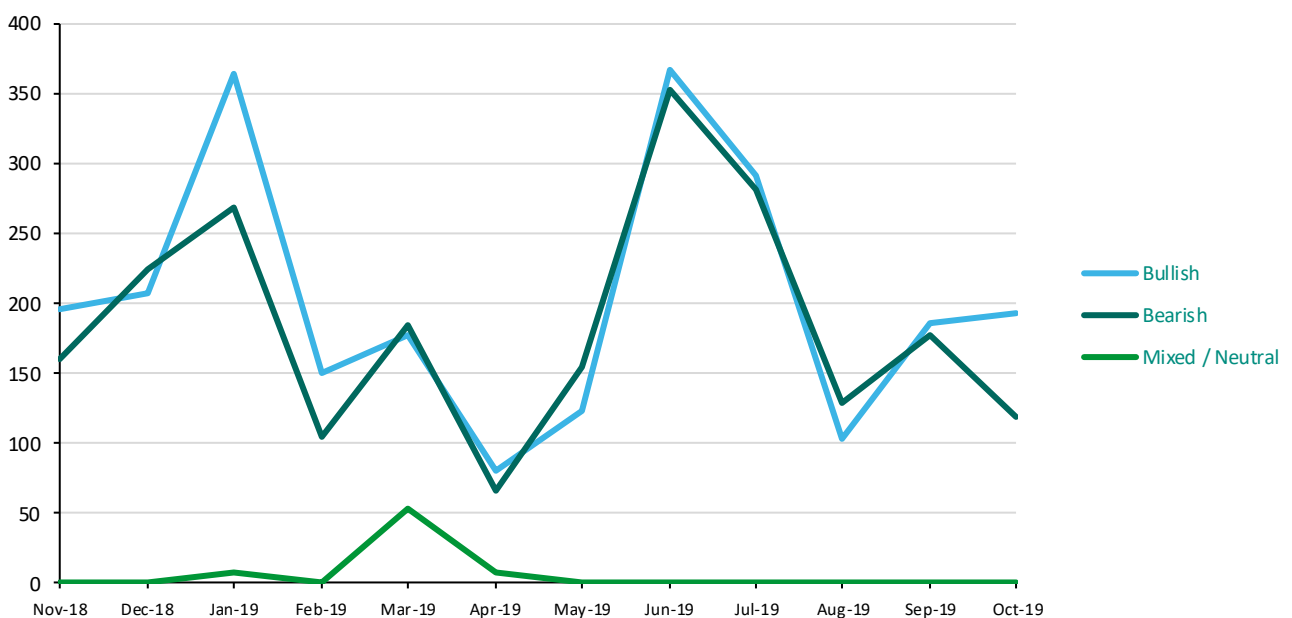
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

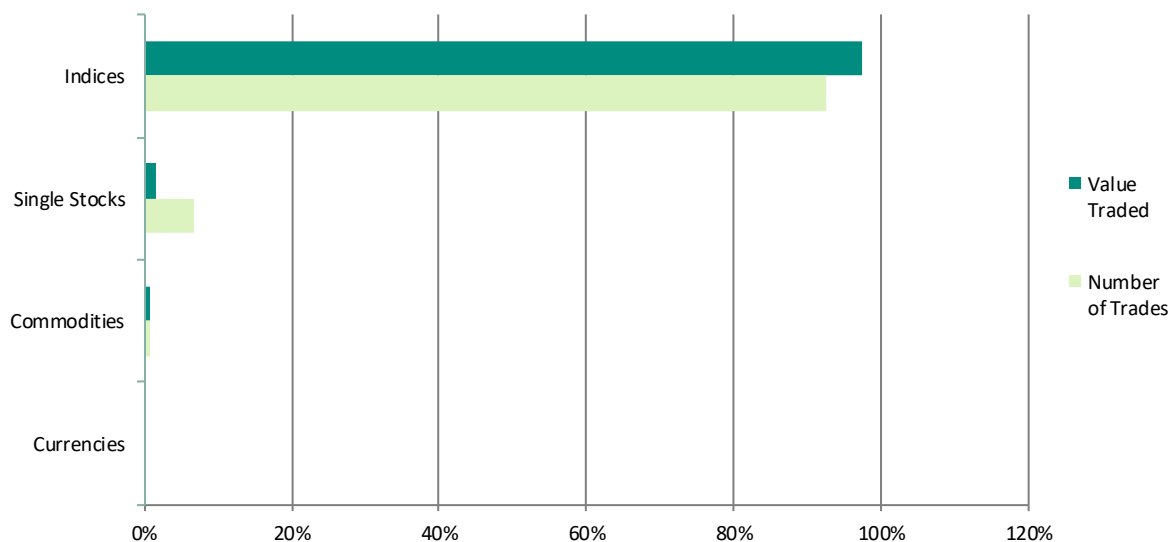
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	5,269	-5.7%	28%	97.5%	432	27.0%	26.2%	92.6%
Single Stocks	90	54%	-2.6%	1.7%	31	608.6%	15.9%	6.7%
Commodities	42	-19.5%	-10.4%	0.8%	3.1	-88.3%	-21.6%	0.7%
Currencies	1		-58%	0.0%	0.1		-74.3%	0.0%
Total	5,402	-5.2%	26.7%	100%	466	25.6%	24.8%	100%

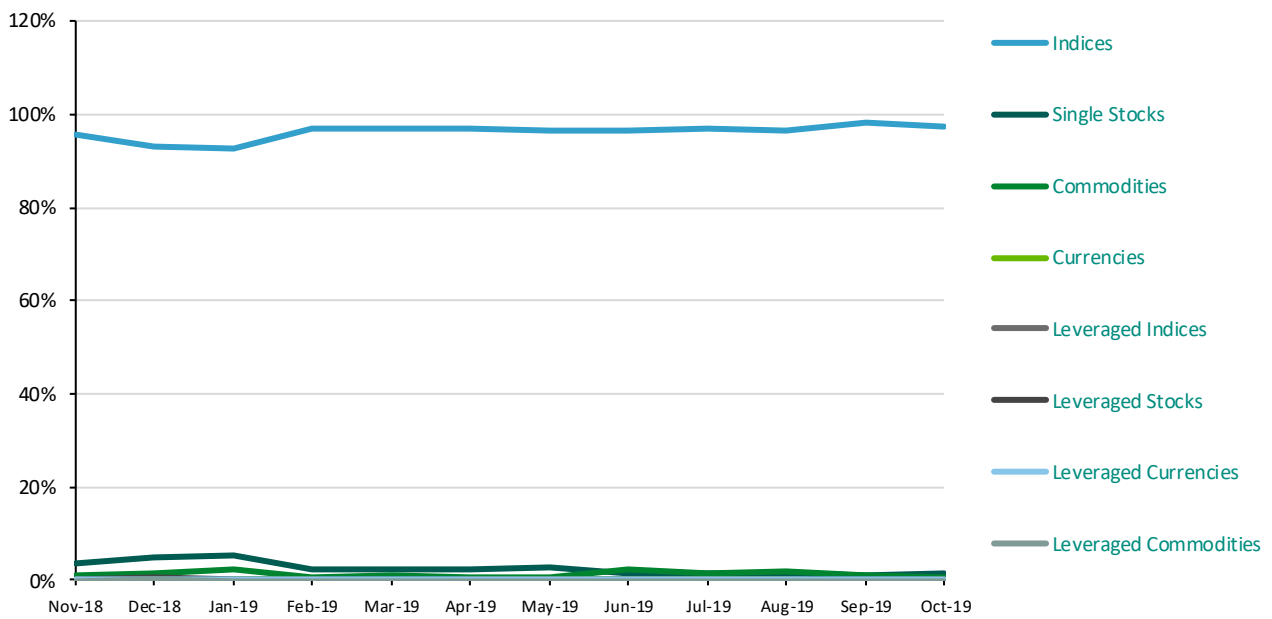
(Source Euronext)



UNDERLYING TYPES

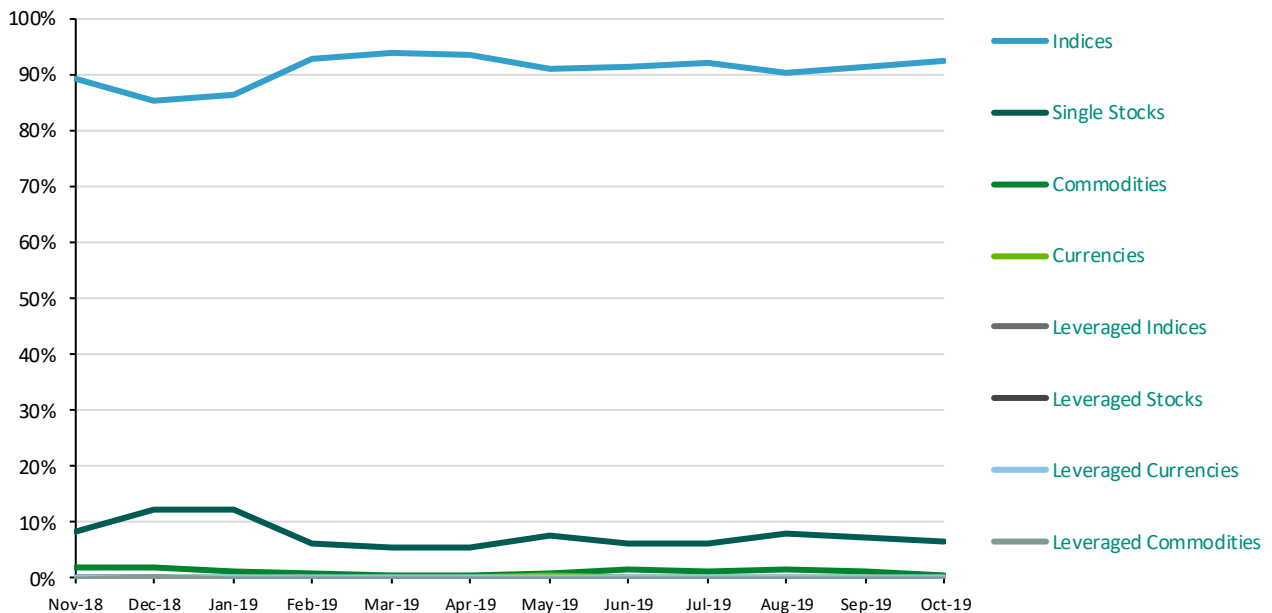
Market Trend: Value traded

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

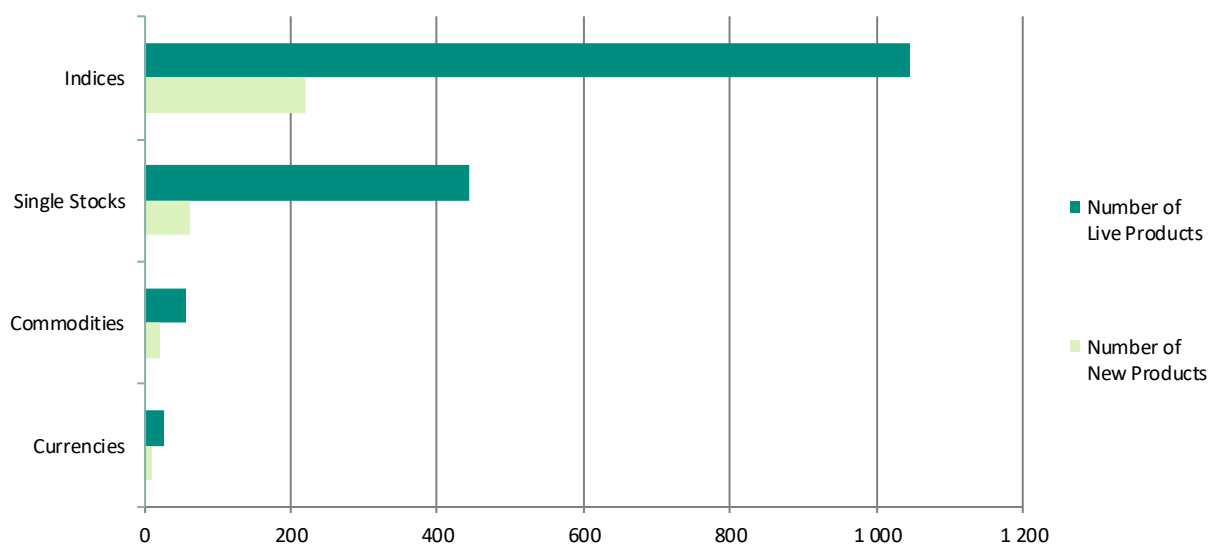
Product Overview

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	1,047	-6.2%	2.4%	66.6%	221	-23%	-24%	70.8%
Single Stocks	442	-6.0%	-2.8%	28.1%	61	13.0%	-31%	19.6%
Commodities	57	11.6%	6.8%	3.6%	20	33%	75%	6.4%
Currencies	25	3.3%	0.7%	1.6%	10	11.1%	69%	3.2%
Total	1,572	-5.5%	0.5%	100%	312	-14.3%	-21.0%	100%

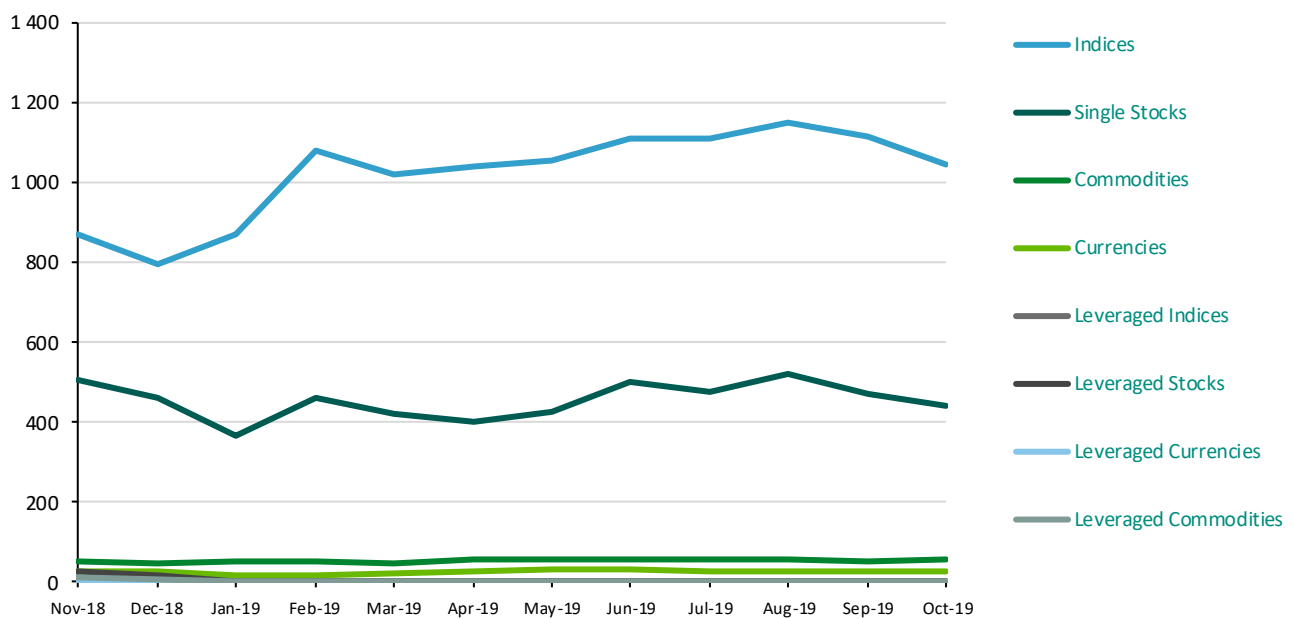
(Source Euronext)



UNDERLYING TYPES

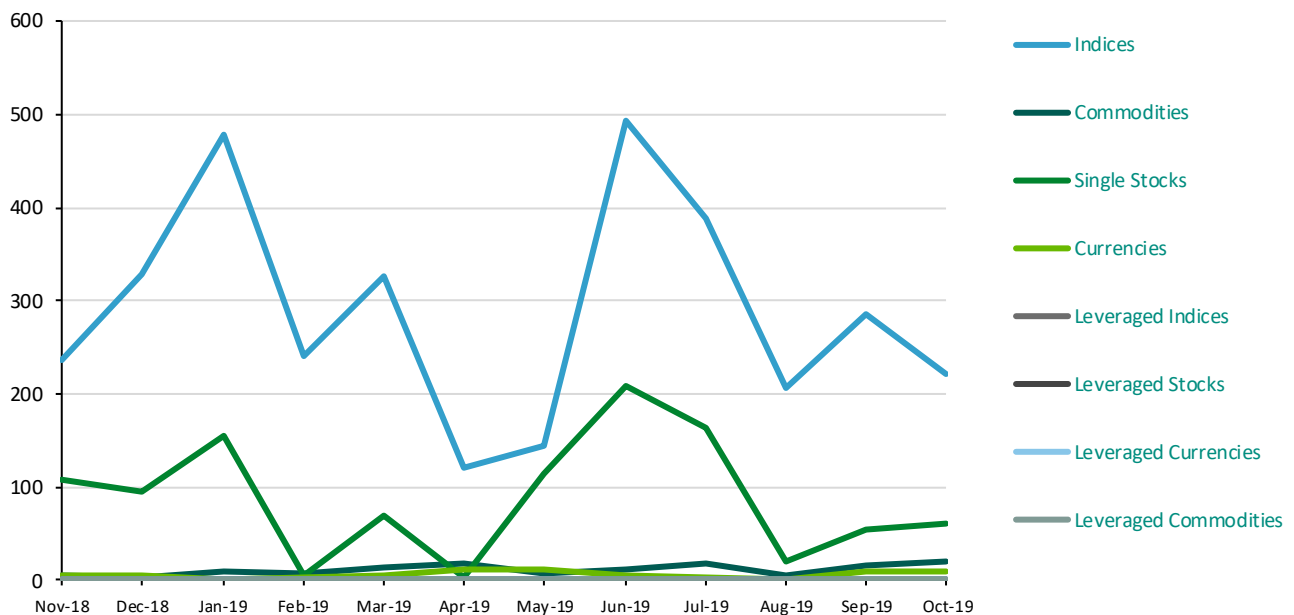
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

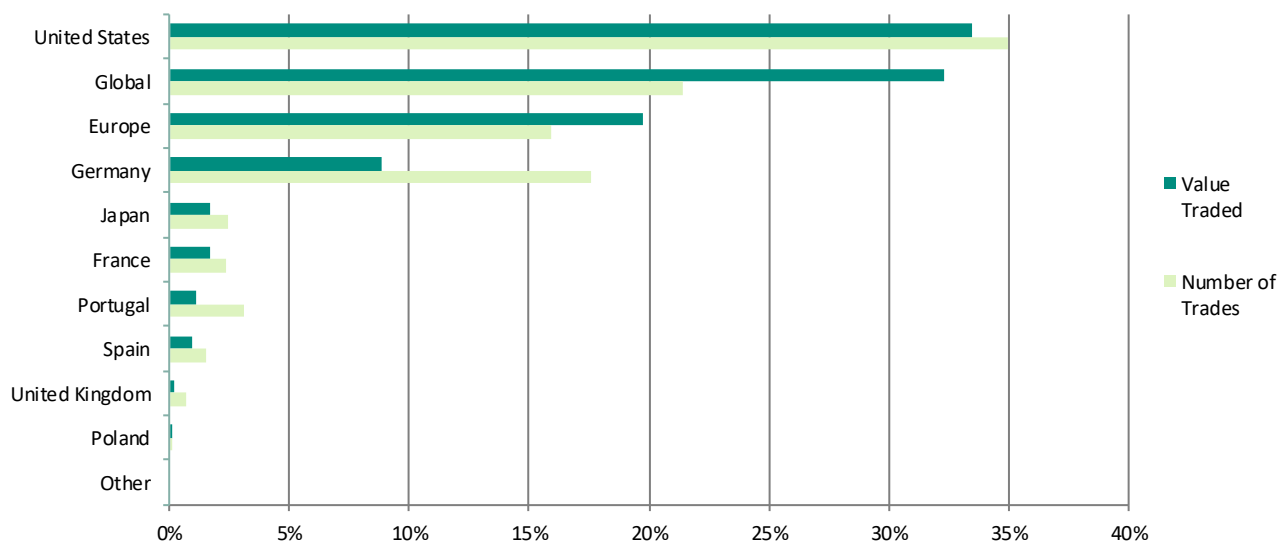
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
United States	1,810	-25%	25%	33.5%	163	77.5%	28.9%	35.0%
Global	1,746	15.1%	22%	32.3%	100	-10.5%	40%	21.4%
Europe	1,066	-10.7%	34%	19.7%	74	8.4%	28%	15.9%
Germany	476	49%	36%	8.8%	82	28%	2.8%	17.6%
Japan	92	-13.8%	20%	1.7%	11	18.4%	19.4%	2.4%
France	91	3.1%	22%	1.7%	11	41%	22%	2.4%
Portugal	58	66%	-5.8%	1.1%	14	37%	15.8%	3.1%
Spain	52	103%	78%	1.0%	6.9	18.0%	33%	1.5%
United Kingdom	10	177%	21%	0.2%	3.3	145%	116%	0.7%
Poland	1	-9.6%	113%	0.0%	0.3	83%	190%	0.1%
Other	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	5,402	-5.2%	26.7%	100%	466	25.6%	24.8%	100%

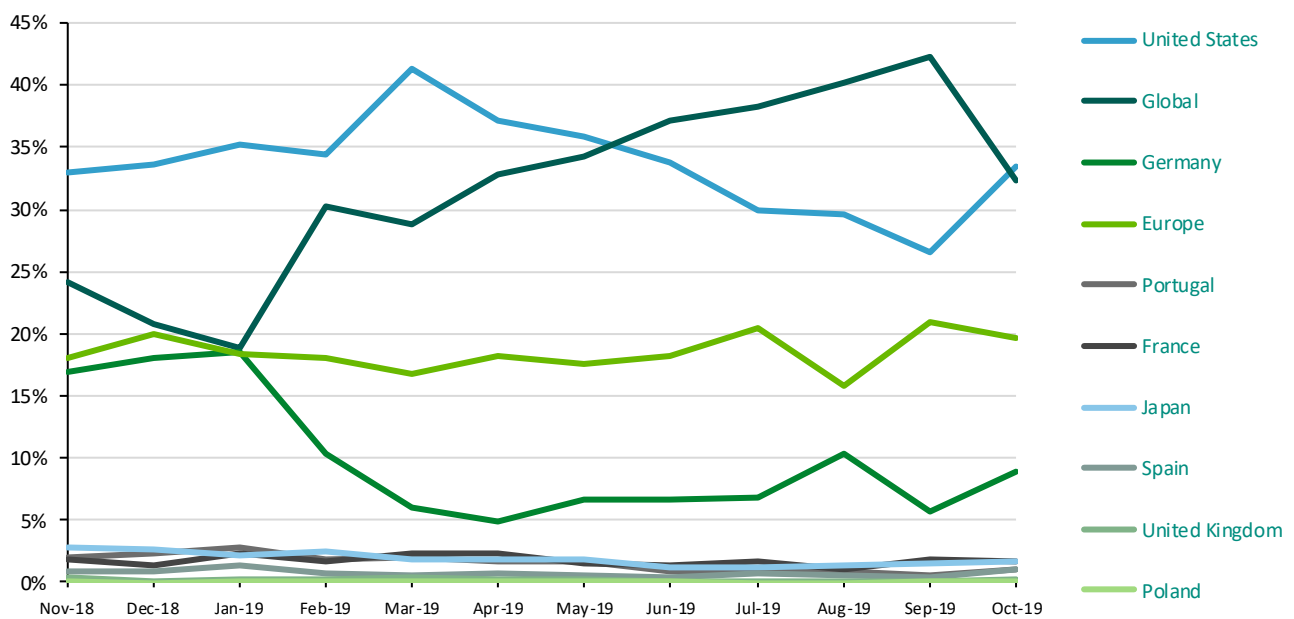
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

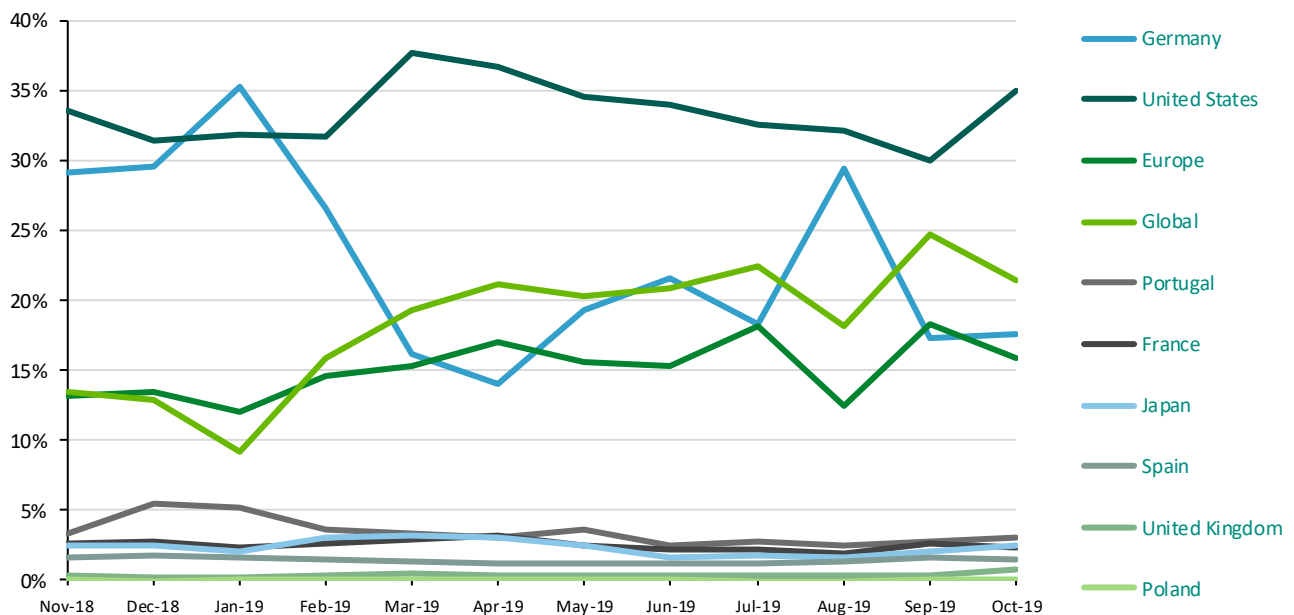
Market Trend: Value traded

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

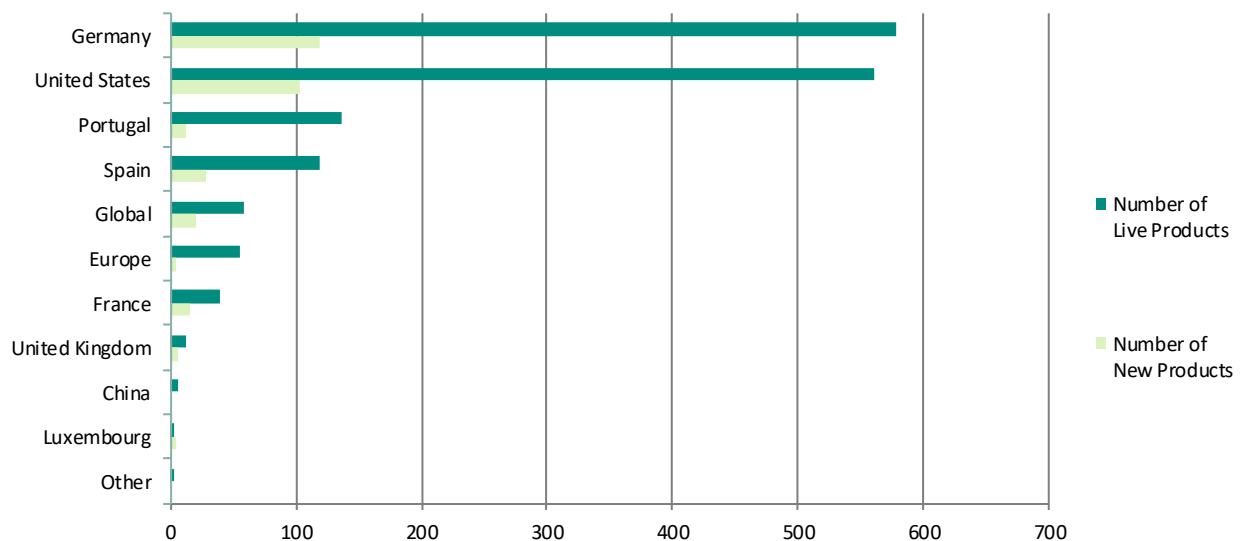
Product Overview

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	579	-7.7%	0.5%	36.8%	119	-32%	-19.0%	38.1%
United States	561	-9.5%	1.8%	35.7%	103	-20%	-40%	33.0%
Portugal	137	1.0%	-12.4%	8.7%	12	33%	-39%	3.8%
Spain	119	5.6%	-0.5%	7.6%	29	53%	9.8%	9.3%
Global	58	11.4%	5.2%	3.7%	20	33%	78%	6.4%
Europe	55	1.8%	36%	3.5%	4	100%	-43%	1.3%
France	40	0.0%	-11.0%	2.5%	15	67%	67%	4.8%
United Kingdom	13	32%	44%	0.8%	6	0.0%	140%	1.9%
China	5	-13.5%	244%	0.3%	0	-100%	-100%	0.0%
Luxembourg	3	67%	323%	0.2%	4		500%	1.3%
Other	2	-51%	-78%	0.1%	0			0.0%
Total	1,572	-5.5%	0.5%	100%	312	-14.3%	-21.0%	100%

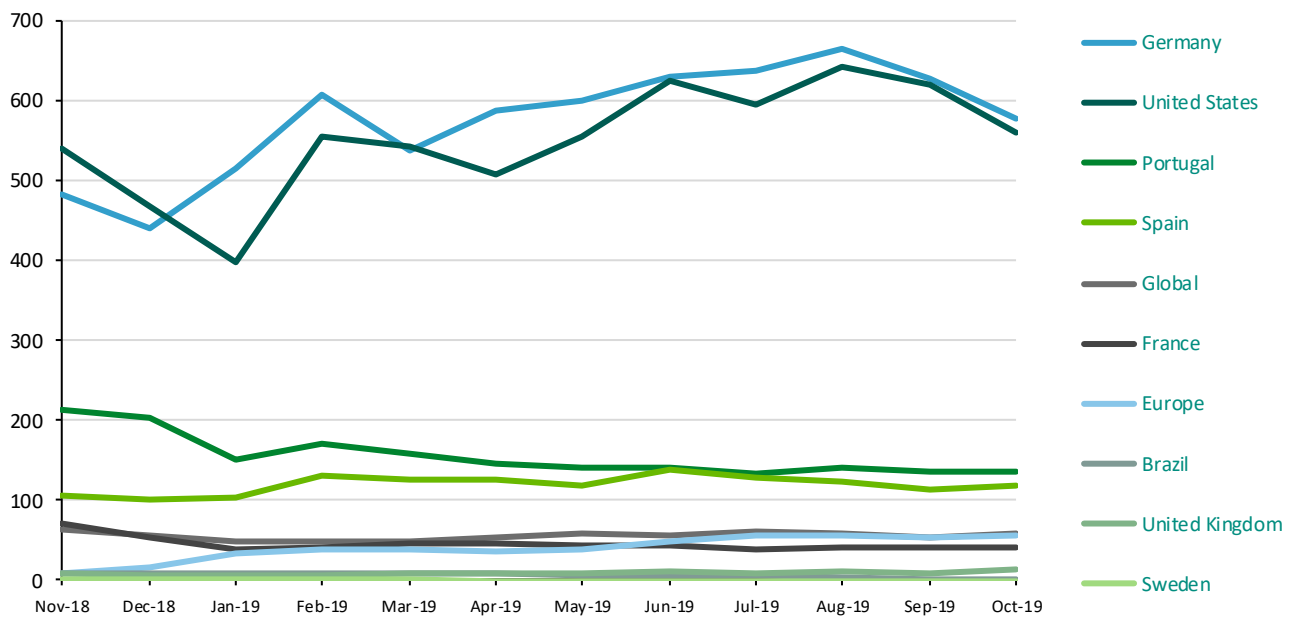
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

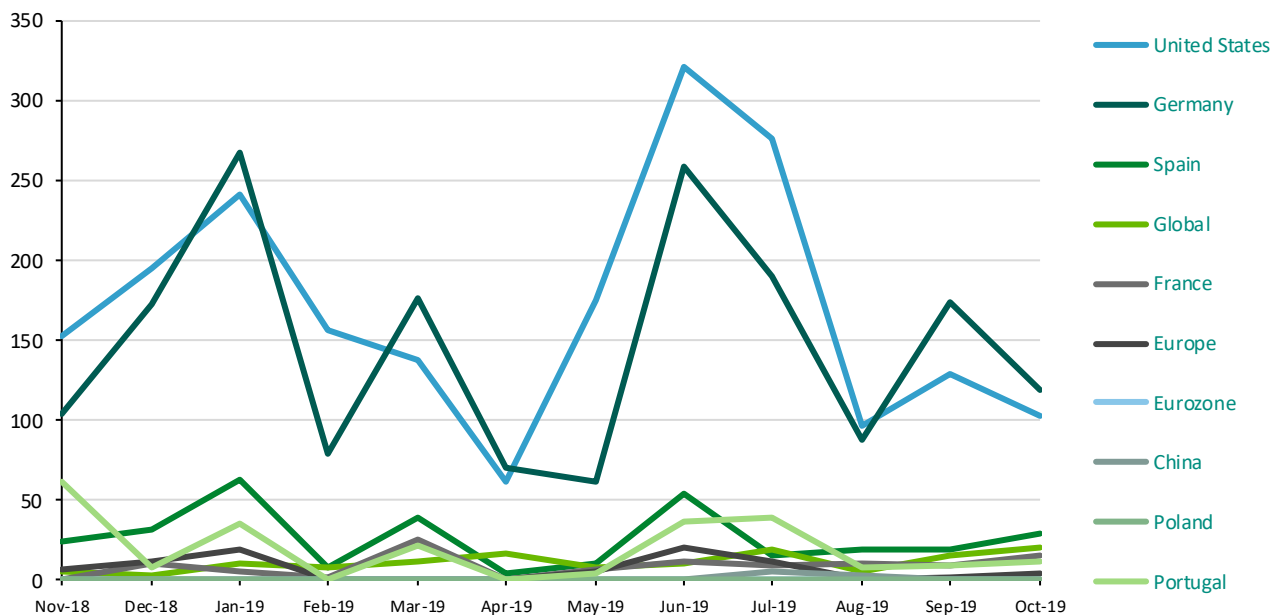
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

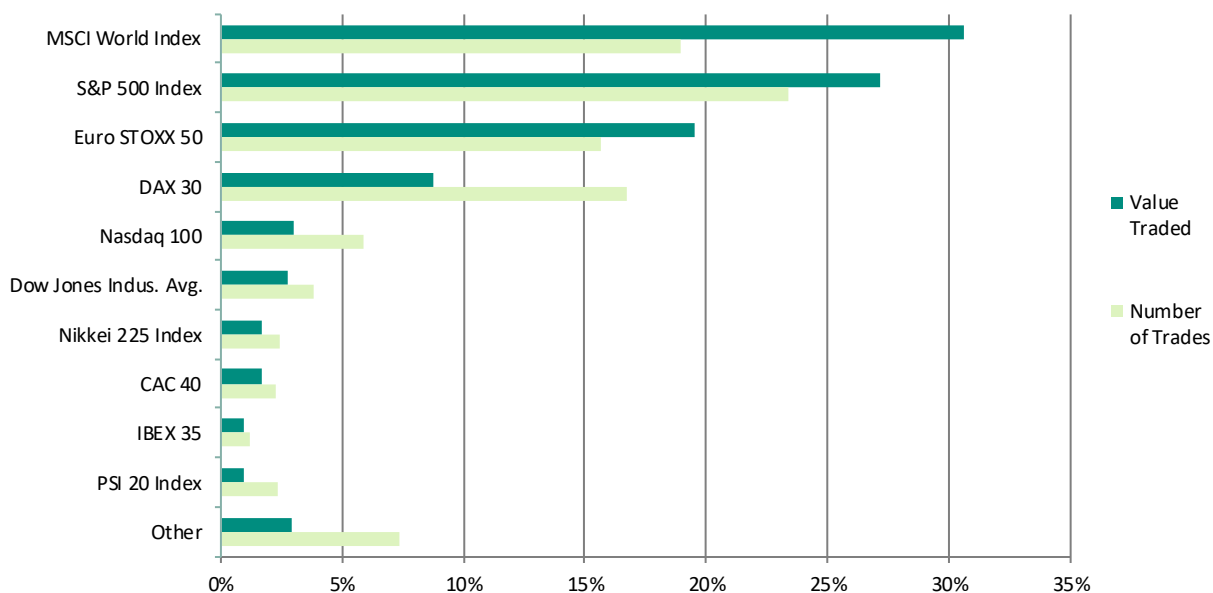
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
MSCI World Index	1,653	-28%	23%	30.6%	88	4.2%	42.1%	18.9%
S&P 500 Index	1,470	16.3%	27%	27.2%	109	42%	36%	23.4%
Euro STOXX 50	1,055	-10.7%	35%	19.5%	73	8.9%	29%	15.6%
DAX 30	473	49%	39%	8.7%	78	31%	3.0%	16.8%
Nasdaq 100	162	16.4%	14.0%	3.0%	27	76%	22%	5.9%
Dow Jones Indus. Avg.	147	38%	19.3%	2.7%	18	94%	28%	3.8%
Nikkei 225 Index	92	-9.9%	20%	1.7%	11	10.2%	23%	2.4%
CAC 40	91	2.5%	22%	1.7%	10	34%	15.2%	2.2%
IBEX 35	51	43%	4.1%	0.9%	5.3	104%	-35%	1.1%
PSI 20 Index	50	56%	37%	0.9%	11	268%	118%	2.4%
Other	158	27%	11.0%	2.9%	34	-0.8%	12.0%	7.4%
Total	5,402	-5.2%	26.7%	100%	466	25.6%	24.8%	100%

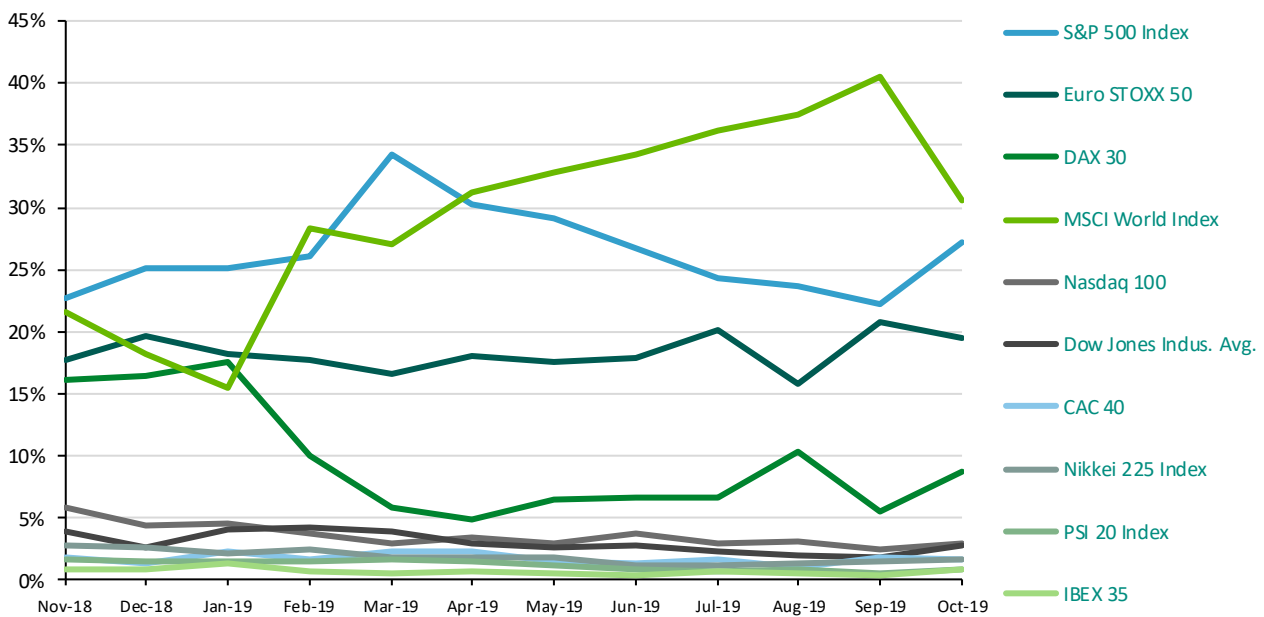
(Source Euronext)



TOP 10 UNDERLYINGS

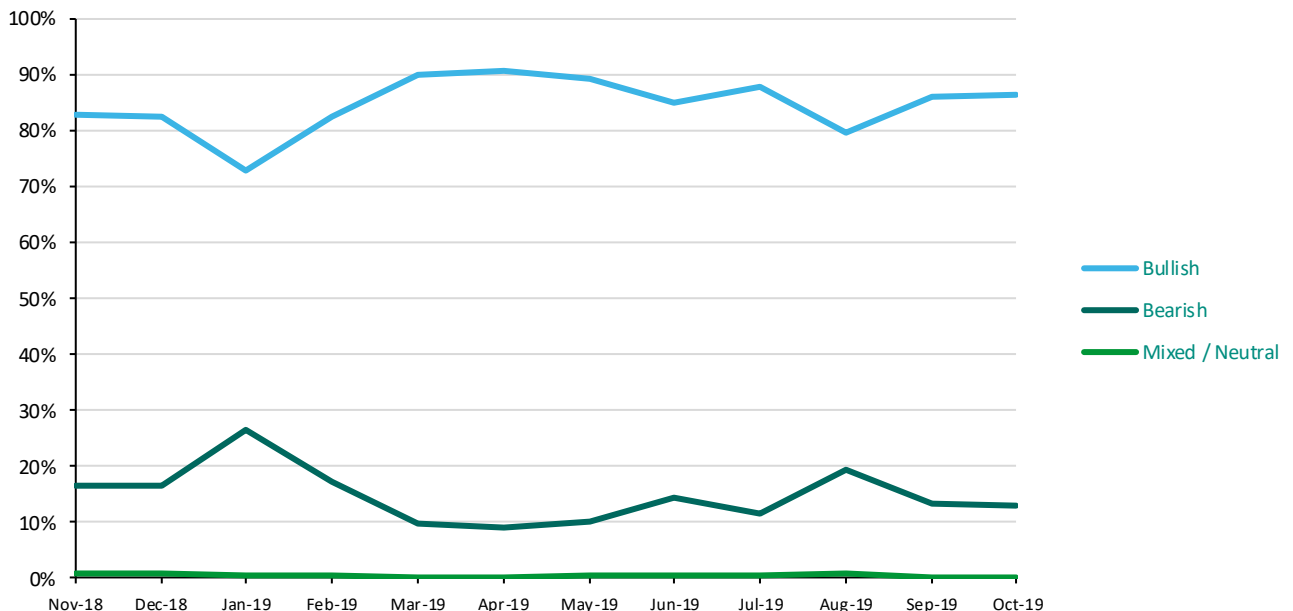
Market Trend: Value traded

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

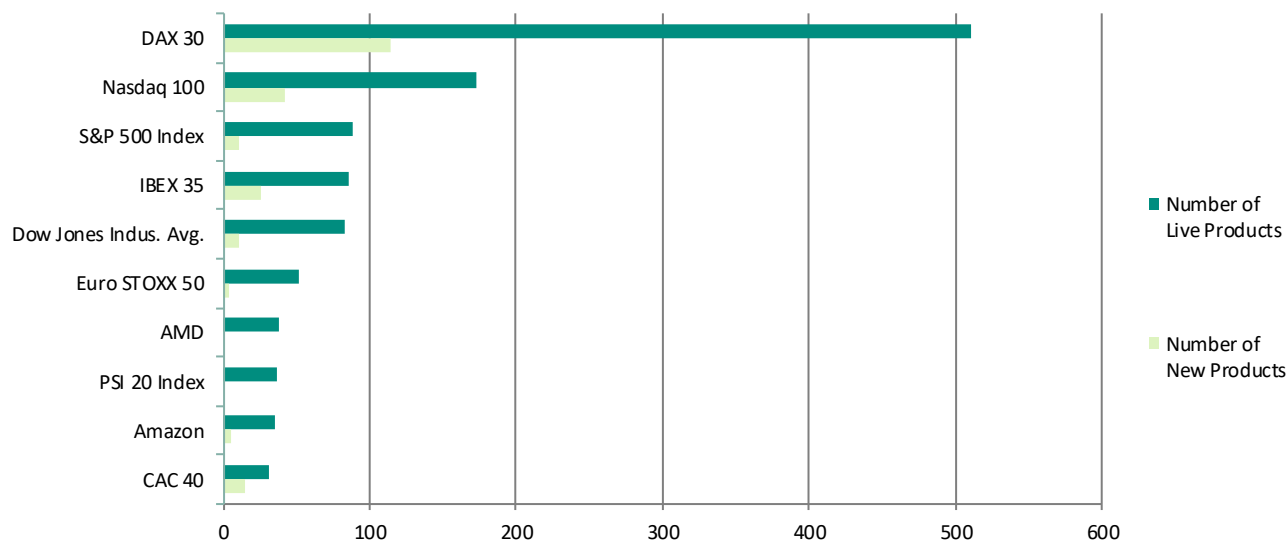
Product Overview

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	510	-8.0%	0.0%	32.5%	114	-34%	-17.2%	36.5%
Nasdaq 100	172	-10.5%	-1.5%	11.0%	42	-12.5%	-40%	13.5%
S&P 500 Index	88	-3.5%	5.1%	5.6%	11	-8.3%	-44%	3.5%
IBEX 35	85	9.1%	1.0%	5.4%	25	32%	15.4%	8.0%
Dow Jones Indus. Avg.	83	-12.4%	7.1%	5.3%	10	-55%	-60%	3.2%
Euro STOXX 50	52	1.9%	39%	3.3%	4	100%	-43%	1.3%
AMD	38	-4.0%	47%	2.4%	0		-100%	0.0%
PSI 20 Index	36	7.7%	-6.7%	2.3%	0	-100%	-100%	0.0%
Amazon	36	-16.8%	-9.4%	2.3%	5	-44%	-59%	1.6%
CAC 40	31	5.3%	3.2%	2.0%	15	67%	91%	4.8%
Other	441	-3.4%	-4.6%	28.1%	86			27.6%
Total	1,572	-5.5%	0.5%	100%	312	-14.3%	-21.0%	100%

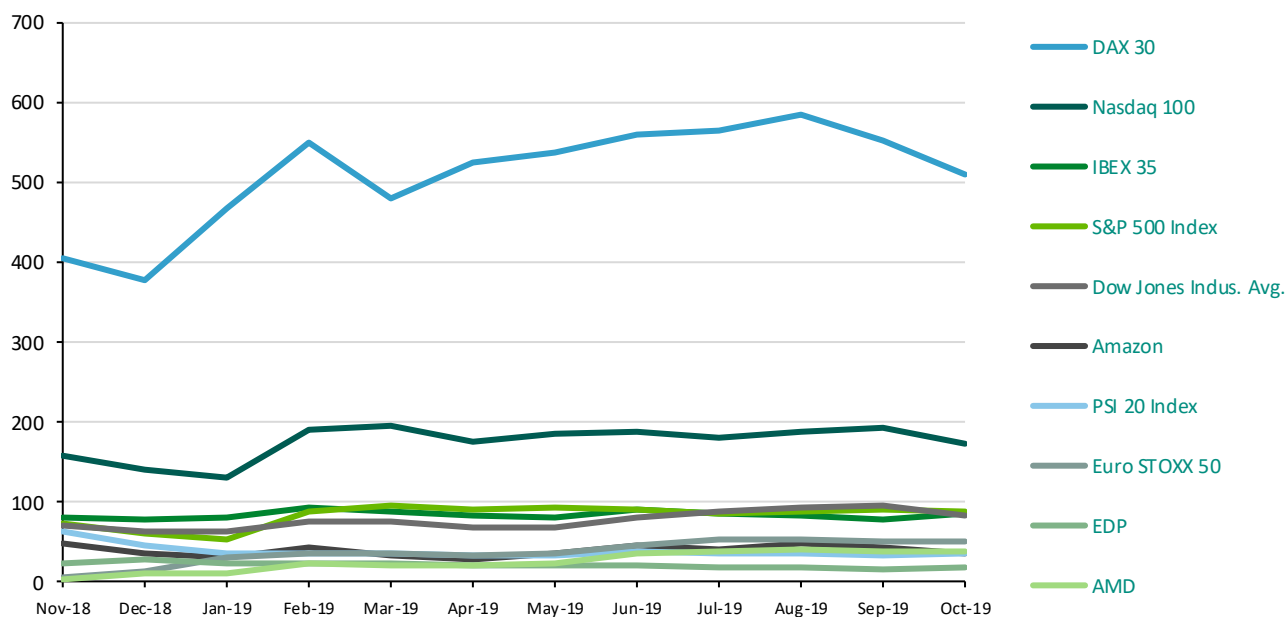
(Source Euronext)



TOP 10 UNDERLYINGS

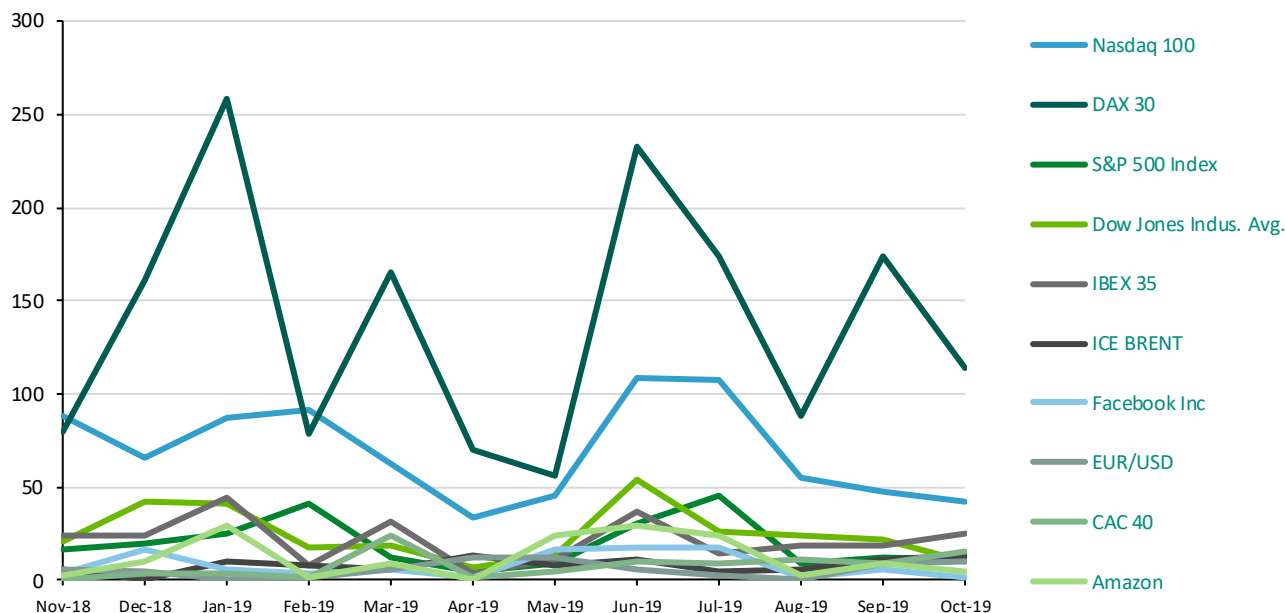
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	96,985	3,558
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	49,552	2,806
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	41,911	2,162
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	11,060	962
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,480	472
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	4,541	214
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	4,443	352
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	3,814	316
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	3,713	328
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	1,498	110
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	1,320	106
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	1,160	262
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	1,062	42
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	1,047	172
DE000CP1CTP0	Citi	2100	Warrants	DAX 30	833	56
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	462	48
DE000CP1CQ48	Citi	2100	Warrants	DAX 30	441	28
DE000CU1QWX1	Commerzbank	2200	Knock-Out Warrants	DAX 30	424	158
DE000CP1CTM7	Citi	2100	Warrants	DAX 30	406	28
DE000CP6NZG2	Citi	2200	Knock-Out Warrants	DAX 30	353	36
DE000CP6NYJ9	Citi	2200	Knock-Out Warrants	DAX 30	314	24
DE000CU1QVQ7	Commerzbank	2200	Knock-Out Warrants	Dow Jones Indus. Avg.	294	32
DE000CU1QX19	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	266	12
DE000CU1QYK4	Commerzbank	2200	Knock-Out Warrants	DAX 30	255	52
DE000CU1QYL2	Commerzbank	2200	Knock-Out Warrants	DAX 30	247	52
DE000CU1QYQ1	Commerzbank	2200	Knock-Out Warrants	DAX 30	233	60
DE000CP6NWW6	Citi	2200	Knock-Out Warrants	DAX 30	233	40
DE000CU1QX35	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	231	8
PTBIU3YE0078	BCP	1300	Tracker Certificates	STOXX 600 Utilities	206	4
DE000CU1QXT7	Commerzbank	2200	Knock-Out Warrants	DAX 30	165	72
DE000CP6NZX7	Citi	2200	Knock-Out Warrants	DAX 30	160	12
DE000CU1QW77	Commerzbank	2200	Knock-Out Warrants	DAX 30	147	20
DE000CJ36AK5	Commerzbank	2100	Warrants	Nasdaq 100	140	36
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	139	32
DE000CJ35VR8	Commerzbank	2100	Warrants	Galp Energia	135	36
DE000CU1QX27	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	133	10
DE000CU1QU87	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	124	70
DE000CU1PYX9	Commerzbank	2200	Knock-Out Warrants	DAX 30	119	16
DE000CJ36MQ7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	114	44
DE000CJ36SQ4	Commerzbank	2100	Warrants	DAX 30	111	4
DE000CJ36S47	Commerzbank	2100	Warrants	DAX 30	103	12
DE000KA38667	Citi	2200	Knock-Out Warrants	DAX 30	102	18
DE000KA385R6	Citi	2200	Knock-Out Warrants	Amazon	101	54
DE000CU1QXU5	Commerzbank	2200	Knock-Out Warrants	DAX 30	97	40
DE000CJ36ST8	Commerzbank	2100	Warrants	DAX 30	97	4
DE000CP6NML0	Citi	2200	Knock-Out Warrants	Amazon	95	44
DE000KA385S4	Citi	2200	Knock-Out Warrants	Amazon	92	18
DE000CJ36SX0	Commerzbank	2100	Warrants	DAX 30	84	30
DE000CU1QWY9	Commerzbank	2200	Knock-Out Warrants	DAX 30	78	74
DE000CU1QW36	Commerzbank	2200	Knock-Out Warrants	DAX 30	77	28

(Source Euronext)



Euronext Paris

ISSUERS

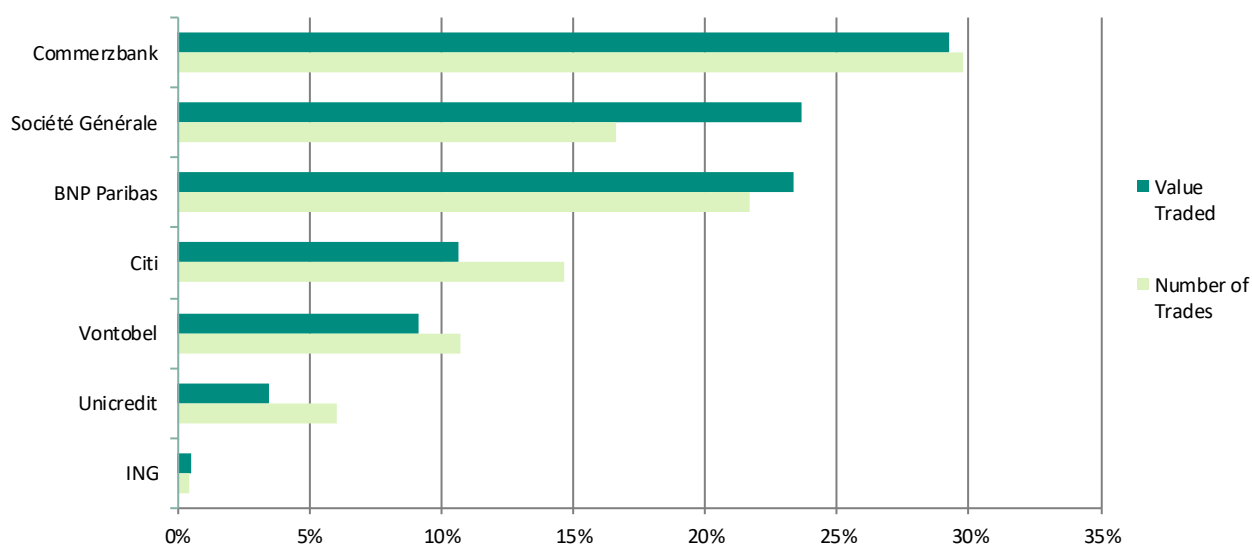
Market Overview

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	3,574	1.3%	5.2%	29.2%	1,522	2.7%	10.8%	29.8%
Société Générale	2,887	5.3%	-10.8%	23.6%	848	-18.8%	-11.1%	16.6%
BNP Paribas	2,858	13.5%	13.6%	23.4%	1,106	36.7%	29.4%	21.7%
Citi	1,302	-15.7%	-3.8%	10.7%	750	-11.2%	17.4%	14.7%
Vontobel	1,118	77%	45%	9.1%	549	40.6%	42.1%	10.7%
Unicredit	421	-19.3%	21%	3.4%	309	0.1%	37.4%	6.1%
ING	64	-18.8%	12.5%	0.5%	22	-10.4%	-3.5%	0.4%
Total	12,225	5.7%	4.6%	100%	5,107	4.1%	14.6%	100%

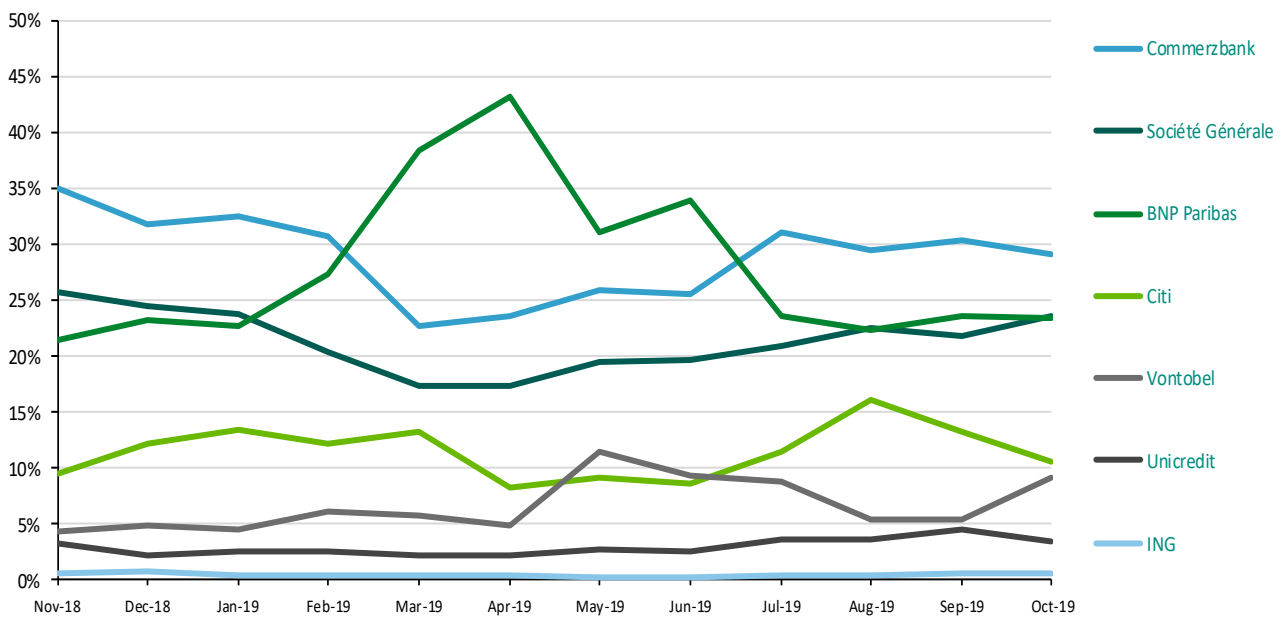
(Source Euronext)



ISSUERS

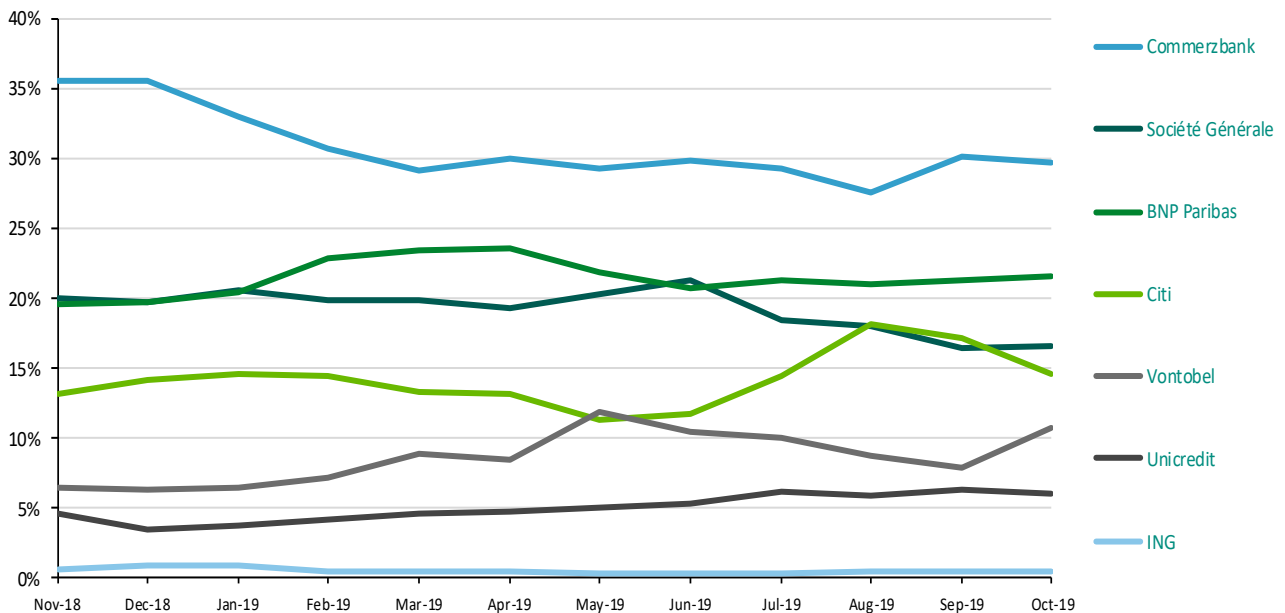
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

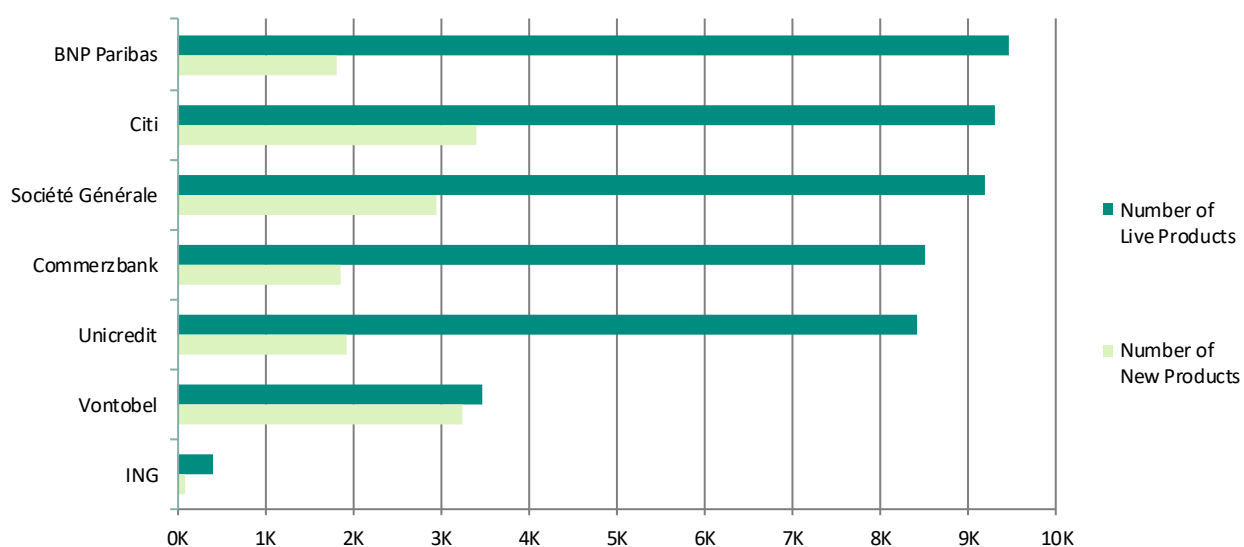
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
BNP Paribas	9,474	-9.1%	2.3%	19.4%	1,817	-28%	-26%	11.9%
Citi	9,312	-7.4%	-1.6%	19.1%	3,394	46%	11.9%	22.2%
Société Générale	9,200	-0.9%	-6.1%	18.9%	2,946	-3.8%	-12.6%	19.3%
Commerzbank	8,524	-8.7%	-8.4%	17.5%	1,866	5.4%	-8.4%	12.2%
Unicredit	8,416	-6.9%	1.1%	17.2%	1,935	26%	-12.5%	12.7%
Vontobel	3,470	3.5%	2.1%	7.1%	3,235	103%	61%	21.2%
ING	406	7.0%	20%	0.8%	79	14.5%	114%	0.5%
Total	48,801	-5.9%	-2.2%	100%	15,272	18.6%	0.9%	100%

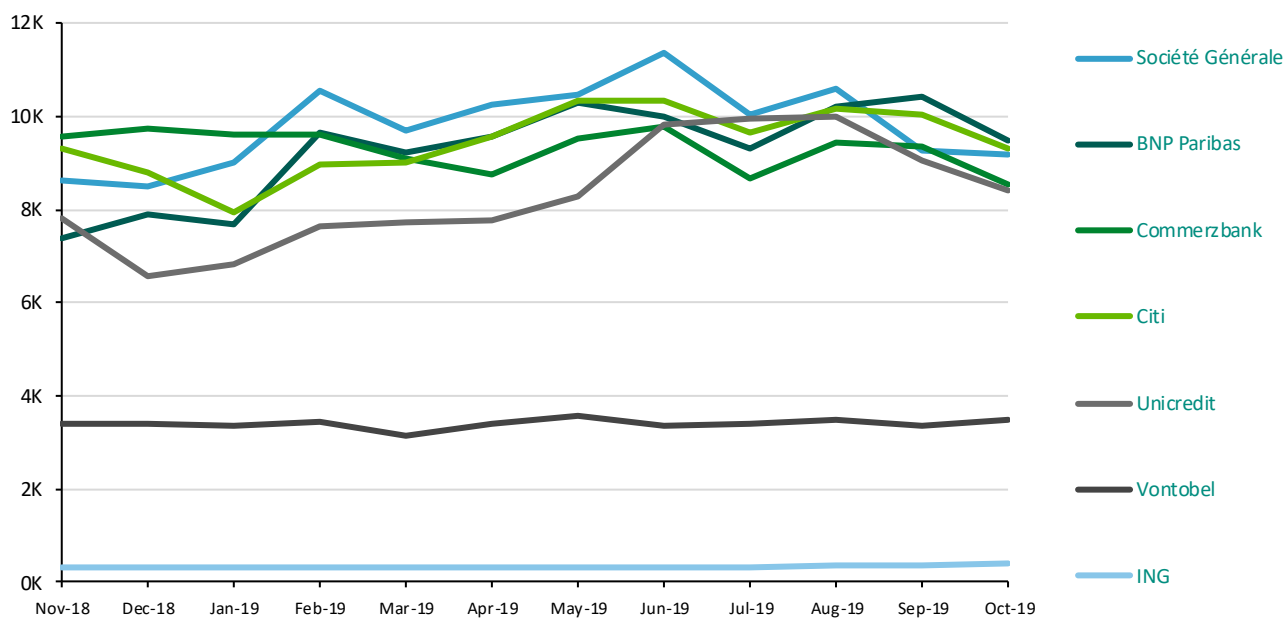
(Source Euronext)



ISSUERS

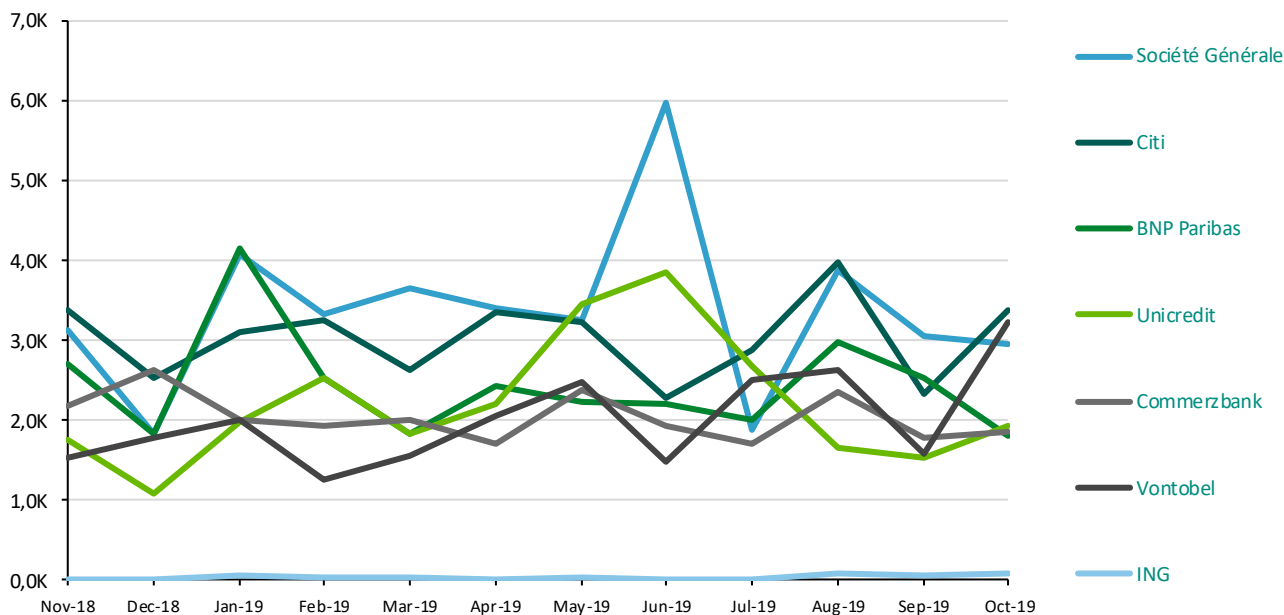
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

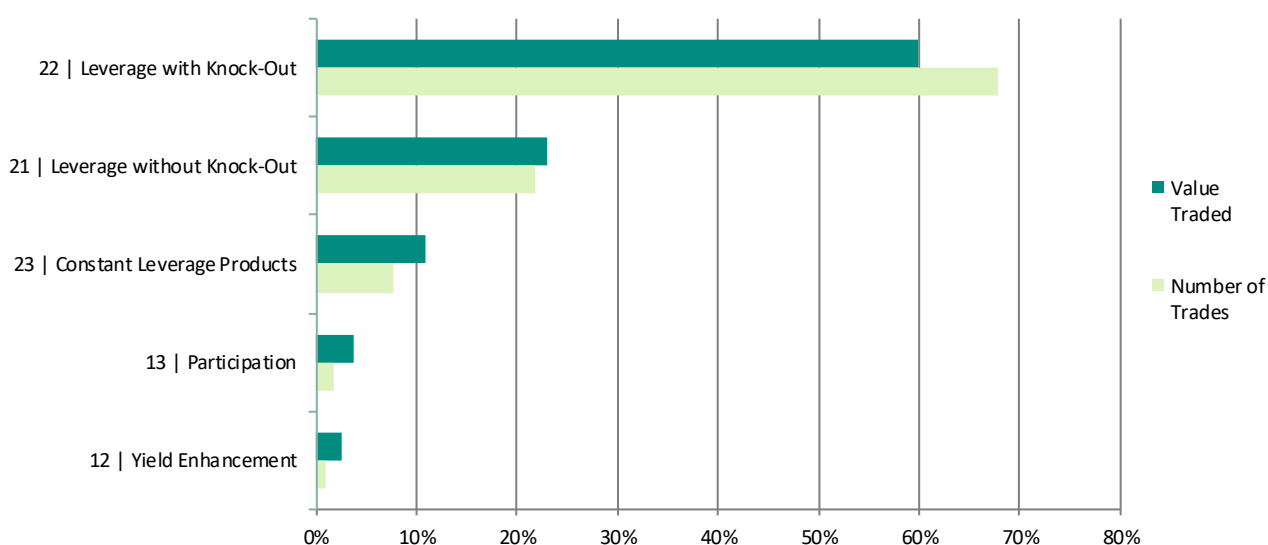
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	7,318	14.2%	17.8%	59.9%	3,464	5.7%	18.3%	67.8%
21 Leverage without Knock-Out	2,818	-3.9%	-17.0%	23.1%	1,109	-3.6%	8.0%	21.7%
23 Constant Leverage Products	1,334	-0.2%	-6.4%	10.9%	390	14.2%	0.6%	7.6%
13 Participation	448	-5.5%	11.5%	3.7%	91	10.9%	31.2%	1.8%
12 Yield Enhancement	306	-27%	21%	2.5%	53	1.6%	21.4%	1.0%
Total	12,225	5.7%	4.6%	100%	5,107	4.1%	14.6%	100%

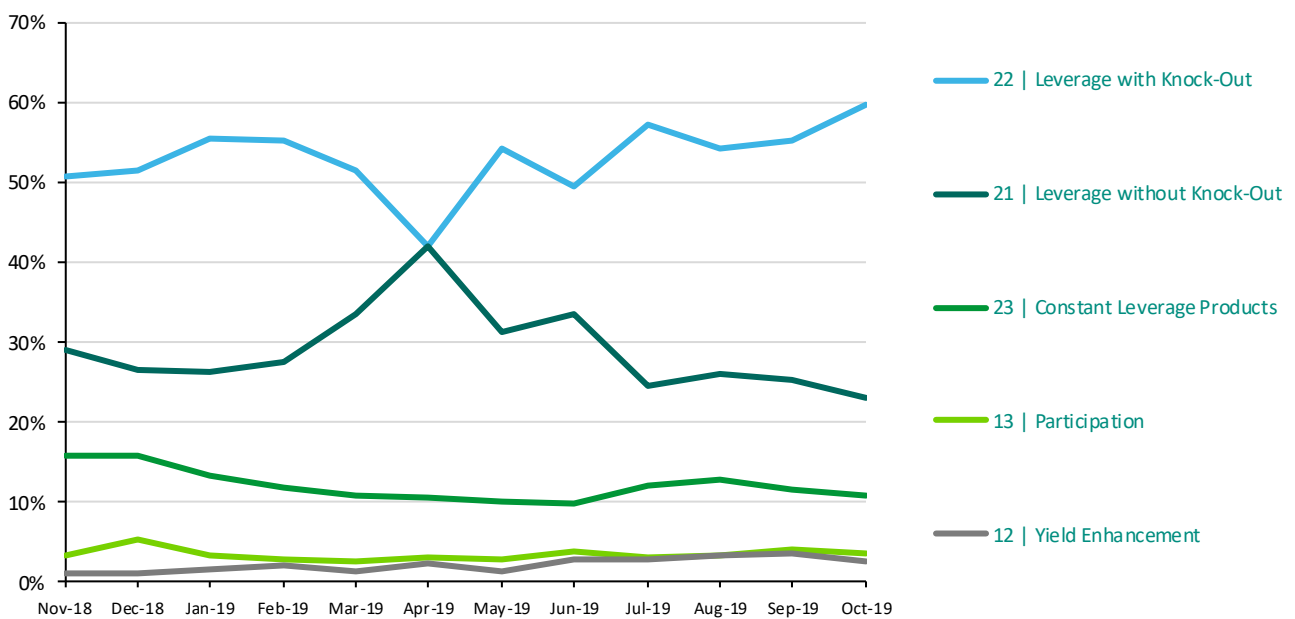
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

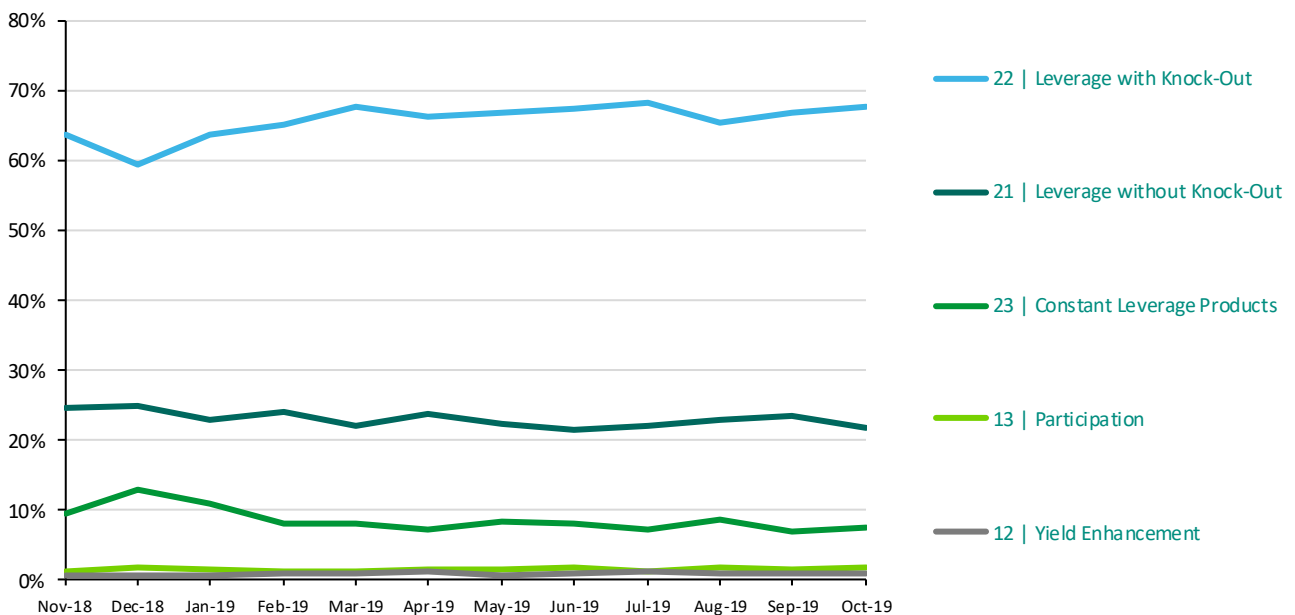
Market Trend: Value traded

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

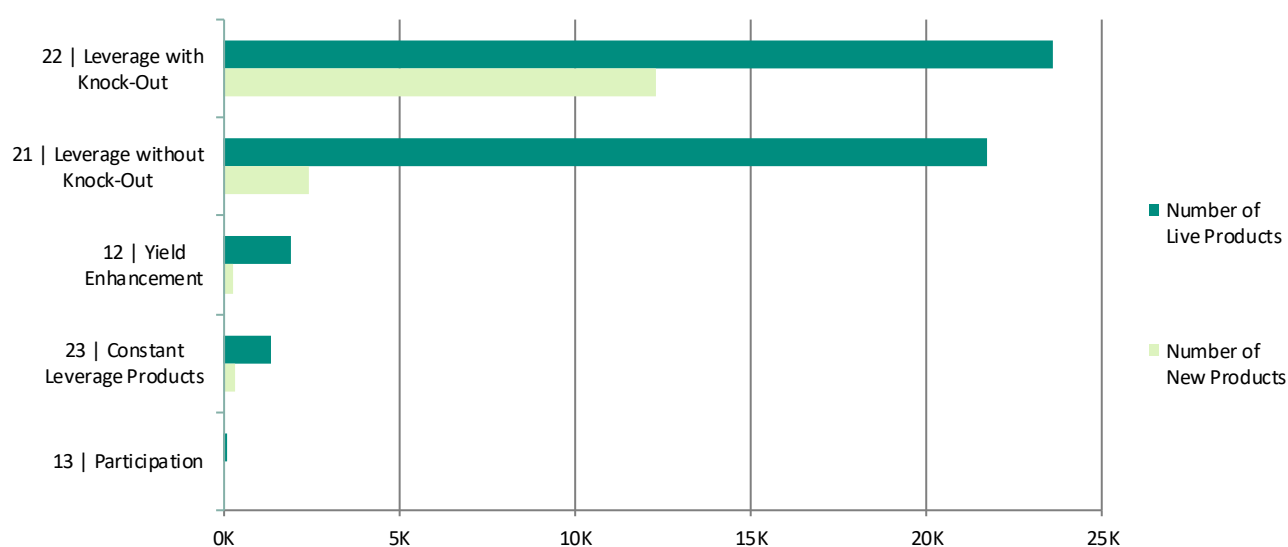
Product Overview

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	23,633	-5.4%	-2.1%	48.4%	12,306	26%	14.2%	80.6%
21 Leverage without Knock-Out	21,742	-8.0%	-4.7%	44.6%	2,416	3.2%	-39%	15.8%
12 Yield Enhancement	1,945	-5.7%	2.7%	4.0%	249	-31%	-9.2%	1.6%
23 Constant Leverage Products	1,355	26%	49%	2.8%	301	-19.1%	189%	2.0%
13 Participation	126	-1.8%	-6.5%	0.3%	0	-100%	-100%	0.0%
Total	48,801	-5.9%	-2.2%	100%	15,272	18.6%	0.9%	100%

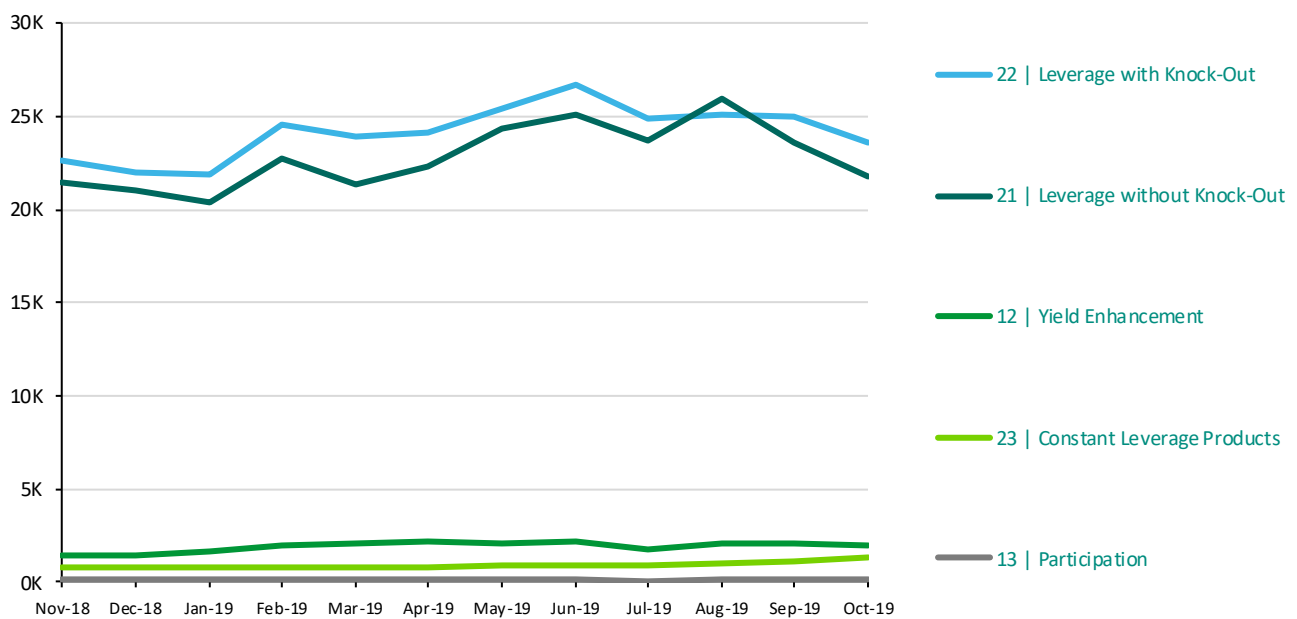
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

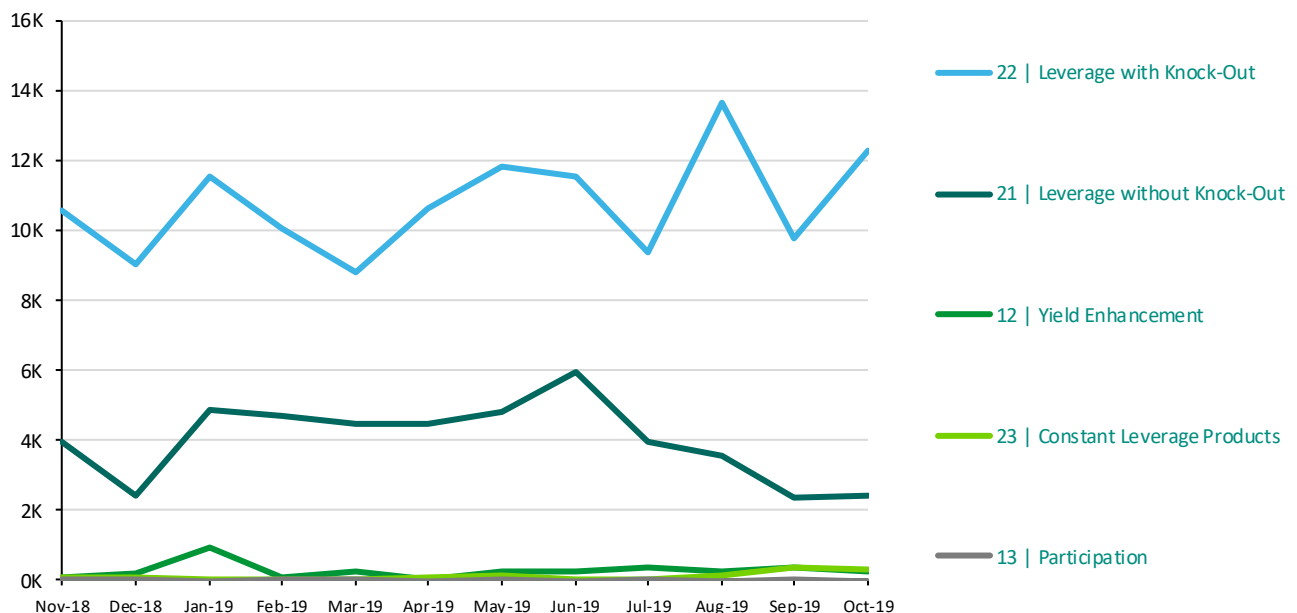
Product Trend: Number of Live Products

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)

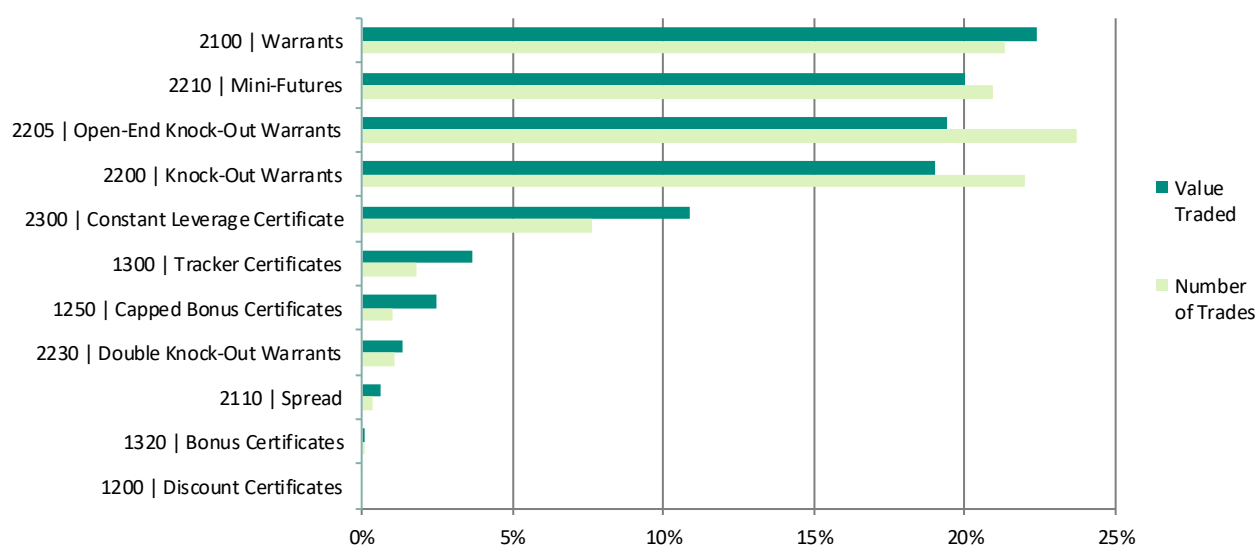
Market Overview

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	2,741	-3.9%	-18.4%	22.4%	1,090	-3.5%	7.2%	21.4%
2210 Mini-Futures	2,446	14.0%	-3.8%	20.0%	1,071	4.8%	-5.5%	21.0%
2205 Open-End Knock-Out Warrants	2,378	14.9%	33%	19.5%	1,213	9.0%	27%	23.7%
2200 Knock-Out Warrants	2,325	13.8%	33%	19.0%	1,125	2.7%	39%	22.0%
2300 Constant Leverage Certificate	1,334	-0.2%	-6.4%	10.9%	390	14.2%	0.6%	7.6%
1300 Tracker Certificates	448	-5.5%	11.6%	3.7%	91	10.9%	31%	1.8%
1250 Capped Bonus Certificates	306	-26%	21%	2.5%	53	2.2%	22%	1.0%
2230 Double Knock-Out Warrants	169	13.6%	41%	1.4%	55	15.7%	65%	1.1%
2110 Spread	78	-3.9%	121%	0.6%	19	-8.1%	80%	0.4%
1320 Bonus Certificates	0	-83%	-77%	0.0%	0.0	-85%	-79%	0.0%
1200 Discount Certificates	0	-100%	-100%	0.0%	0.0	-100%	-100%	0.0%
Total	12,225	5.7%	4.6%	100%	5,107	4.1%	14.6%	100%

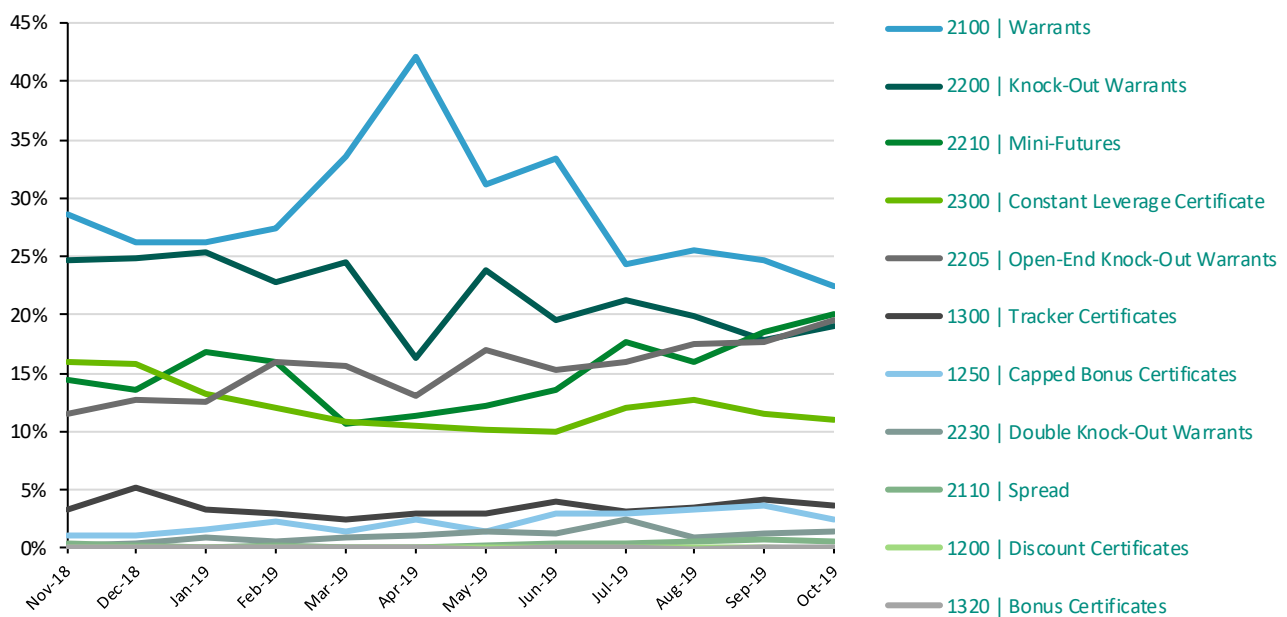
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

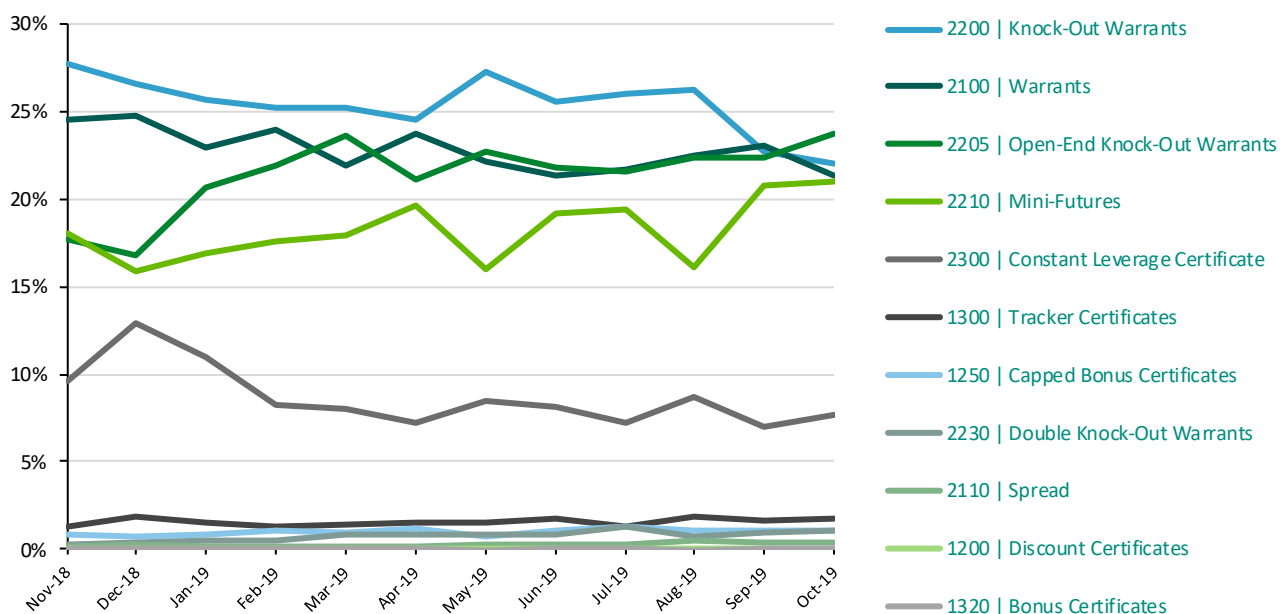
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

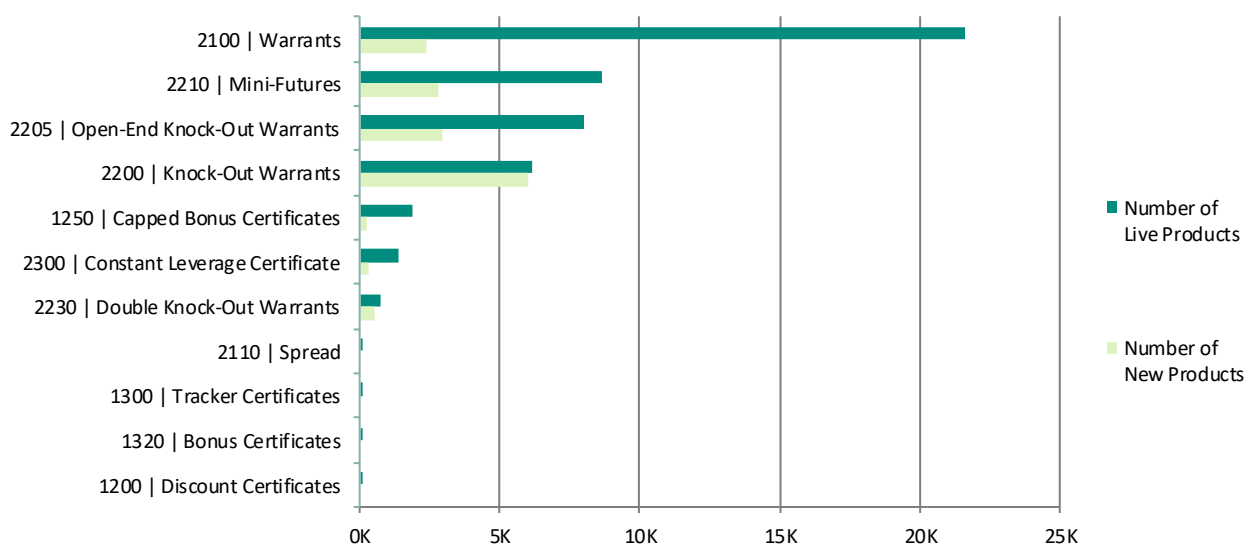
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	21,624	-8.1%	-4.8%	44.3%	2,416	6.6%	-39%	15.8%
2210 Mini-Futures	8,663	2.8%	3.6%	17.8%	2,844	10.8%	18.3%	18.6%
2205 Open-End Knock-Out Warrants	8,044	2.4%	2.9%	16.5%	2,928	11.1%	15.1%	19.2%
2200 Knock-Out Warrants	6,185	-23%	-16.3%	12.7%	5,984	33%	6.8%	39.2%
1250 Capped Bonus Certificates	1,908	-5.0%	4.0%	3.9%	249	-31%	-7.4%	1.6%
2300 Constant Leverage Certificate	1,355	26%	49%	2.8%	301	-19.1%	189%	2.0%
2230 Double Knock-Out Warrants	741	10.0%	31%	1.5%	550	511%	146%	3.6%
2110 Spread	118	11.3%	15.4%	0.2%	0	-100%	-100%	0.0%
1300 Tracker Certificates	87	-0.6%	-6.1%	0.2%	0	-100%	-100%	0.0%
1320 Bonus Certificates	39	-4.3%	-7.3%	0.1%	0	-100%	-100%	0.0%
1200 Discount Certificates	37	-33%	-38%	0.1%	0		-100%	0.0%
Total	48,801	-5.9%	-2.2%	100%	15,272	18.6%	0.9%	100%

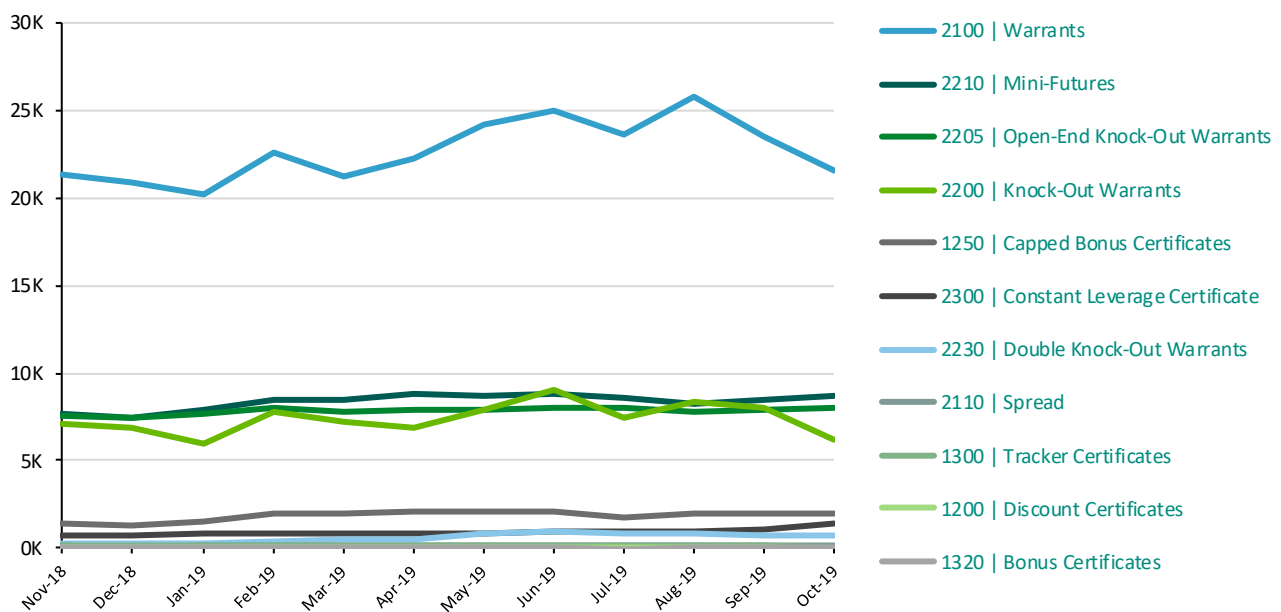
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

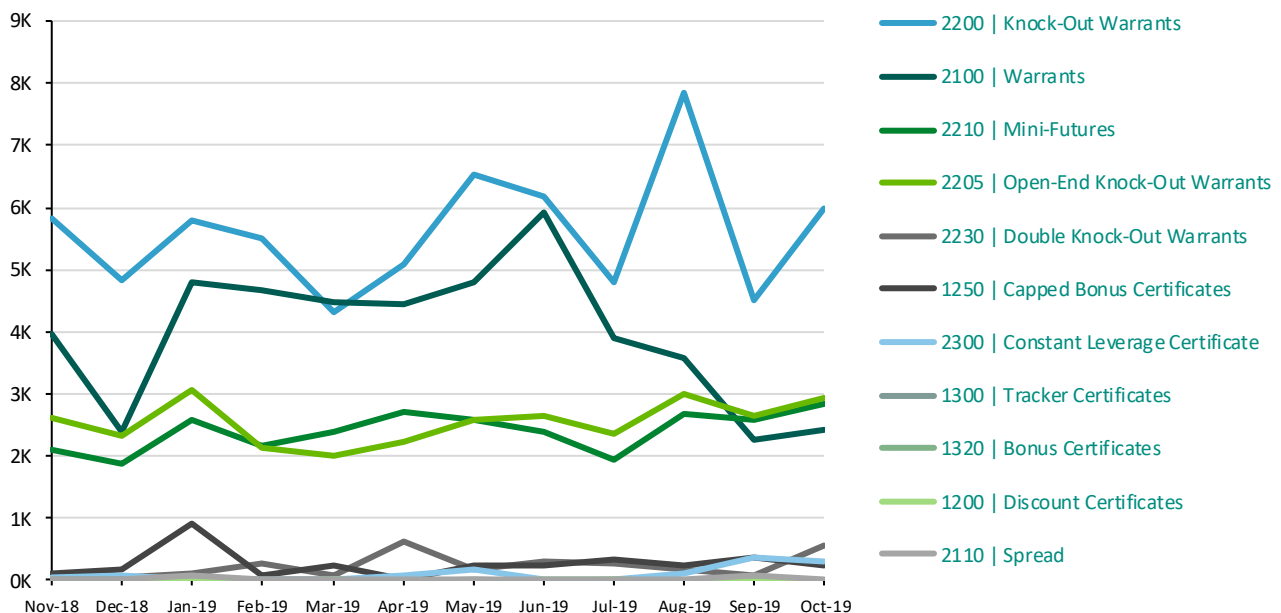
Product Trend: Number of Live Products

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

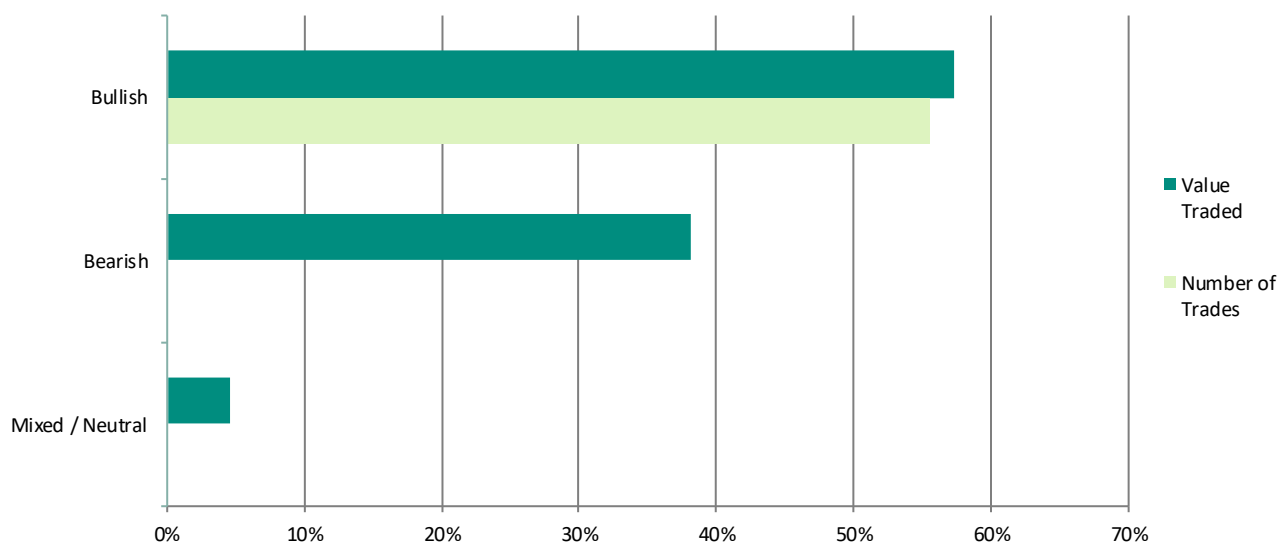
Market Overview

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	7,012	1.5%	-5.1%	57.4%	2,842	4.0%	7.0%	55.6%
Bearish	4,660	16.2%	20.0%	38.1%	0.0	-100%	-100%	0.0%
Mixed / Neutral	553	-14.5%	35%	4.5%	0.0	-100%	-100%	0.0%
Total	12,225	5.7%	4.6%	100%	5,107	4.1%	14.6%	100%

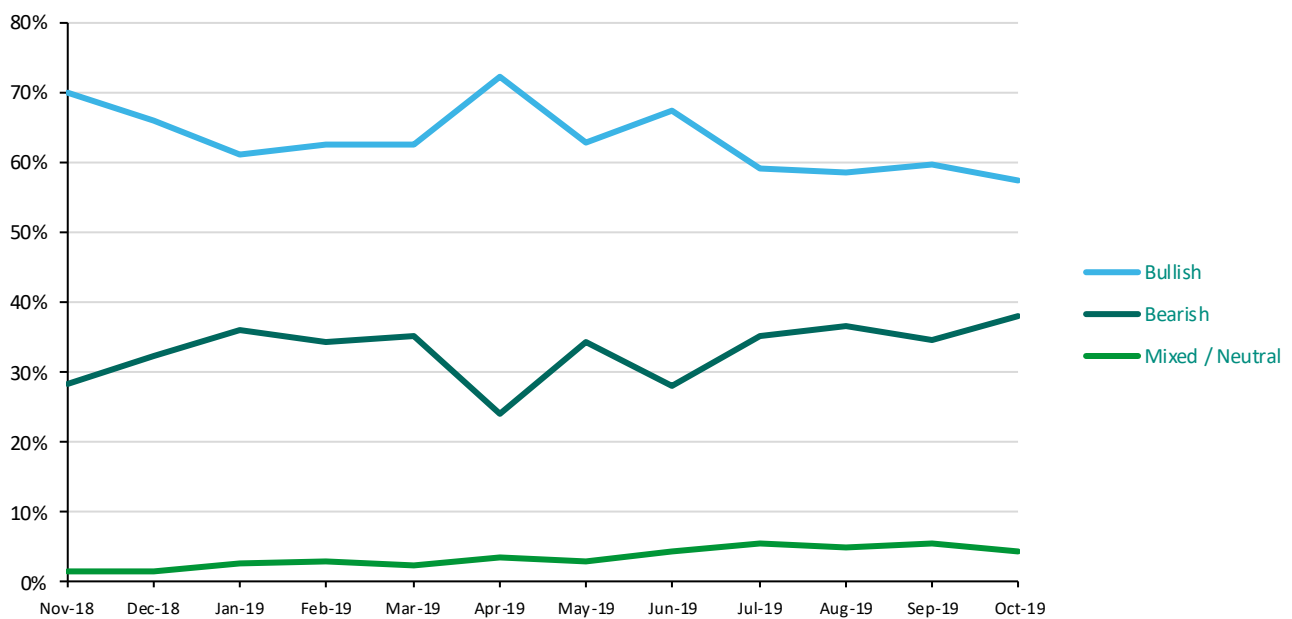
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PRODUCT STRATEGIES

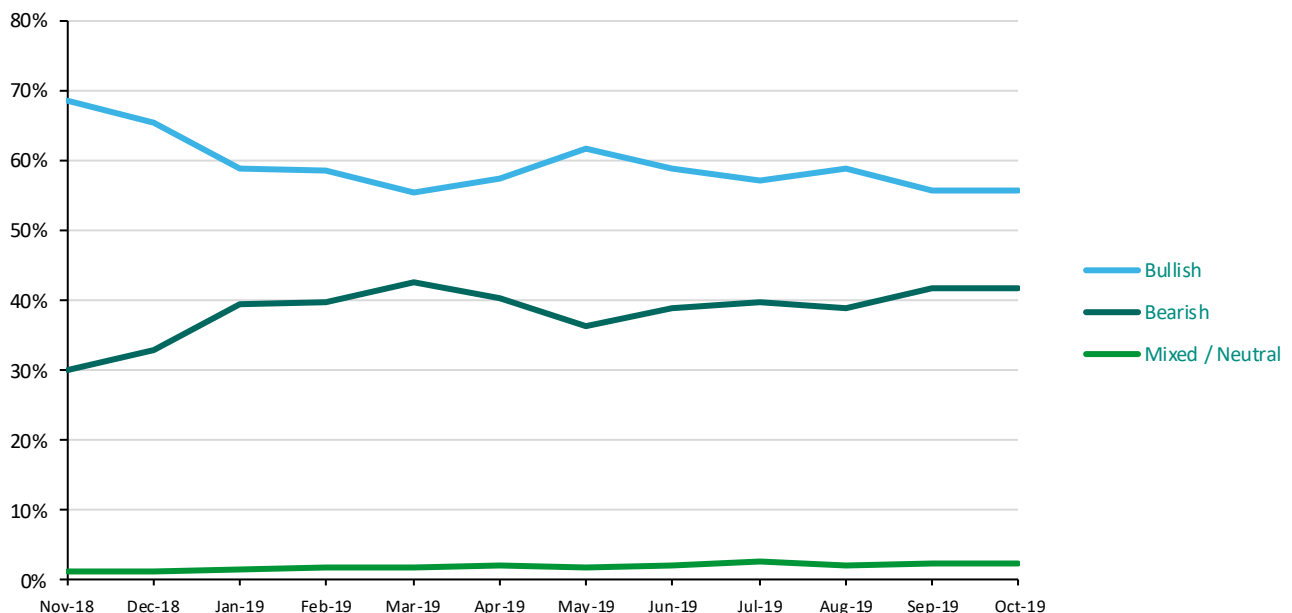
Market Trend: Value traded

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

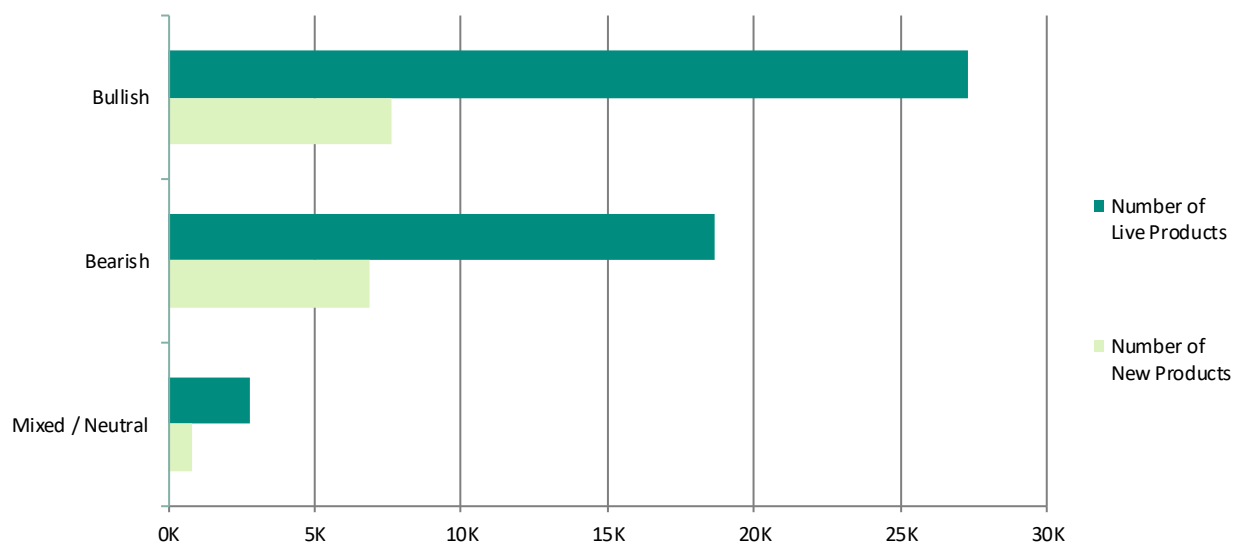
Product Overview

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	27,336	-7.1%	-0.4%	56.0%	7,600	10.3%	-4.1%	49.8%
Bearish	18,662	-4.8%	-6.1%	38.2%	6,873	26%	2.5%	45.0%
Mixed / Neutral	2,803	-1.3%	9.5%	5.7%	799	53%	55%	5.2%
Total	48,801	-5.9%	-2.2%	100%	15,272	18.6%	0.9%	100%

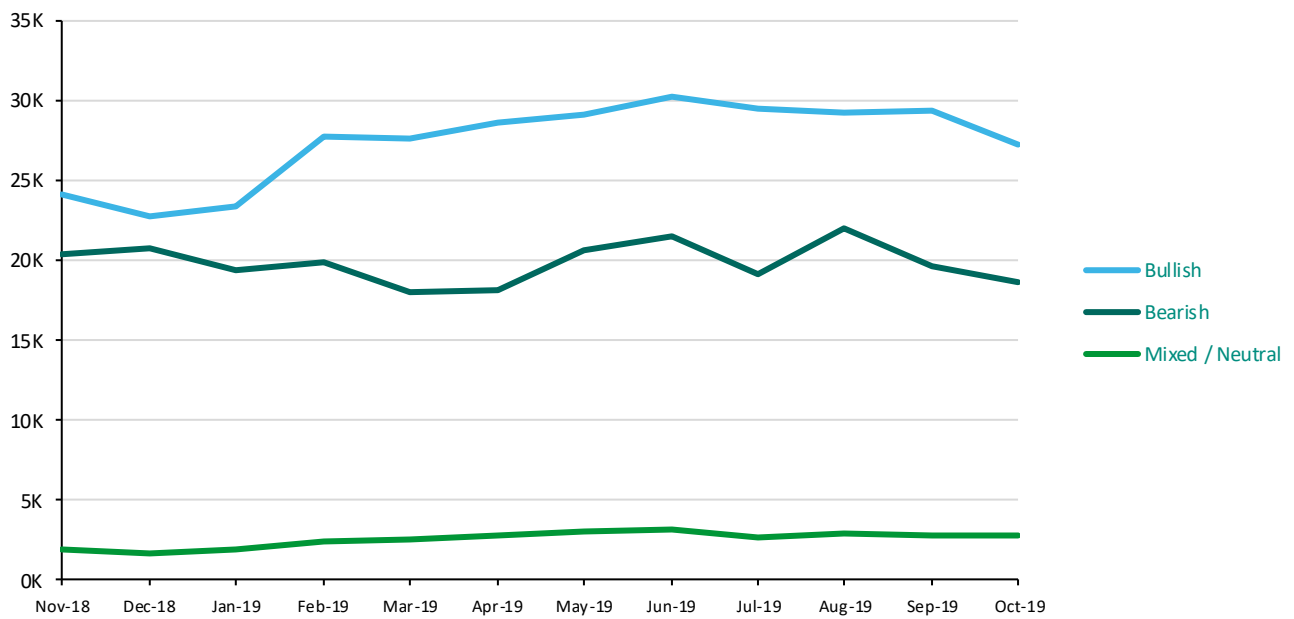
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PRODUCT STRATEGIES

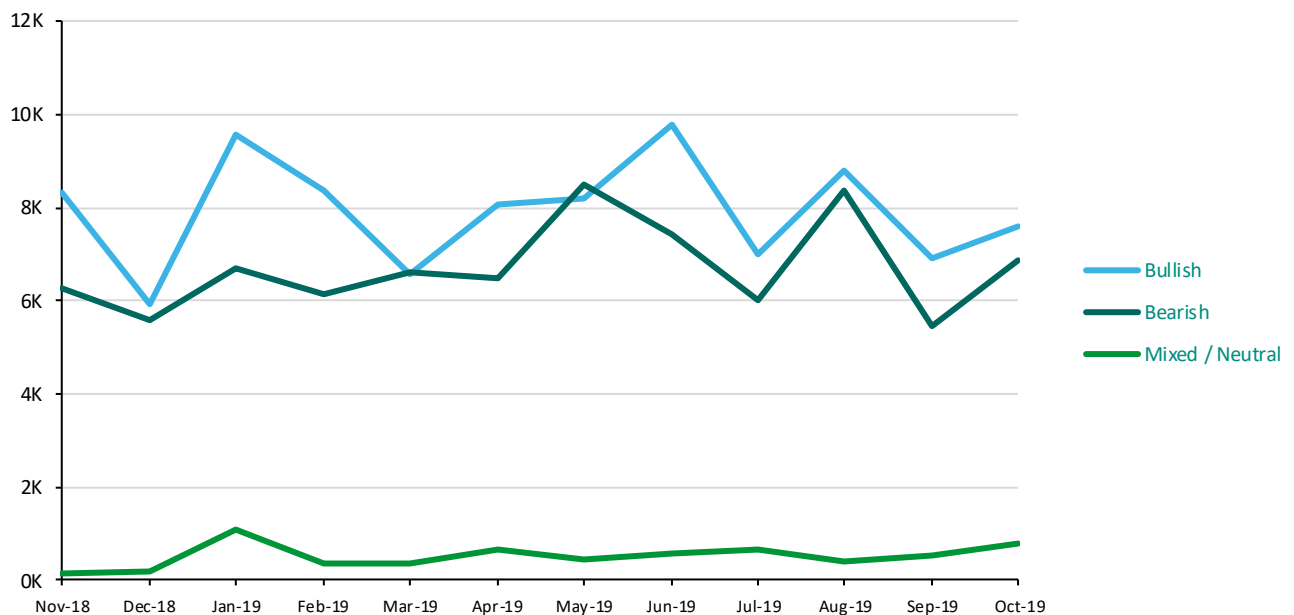
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

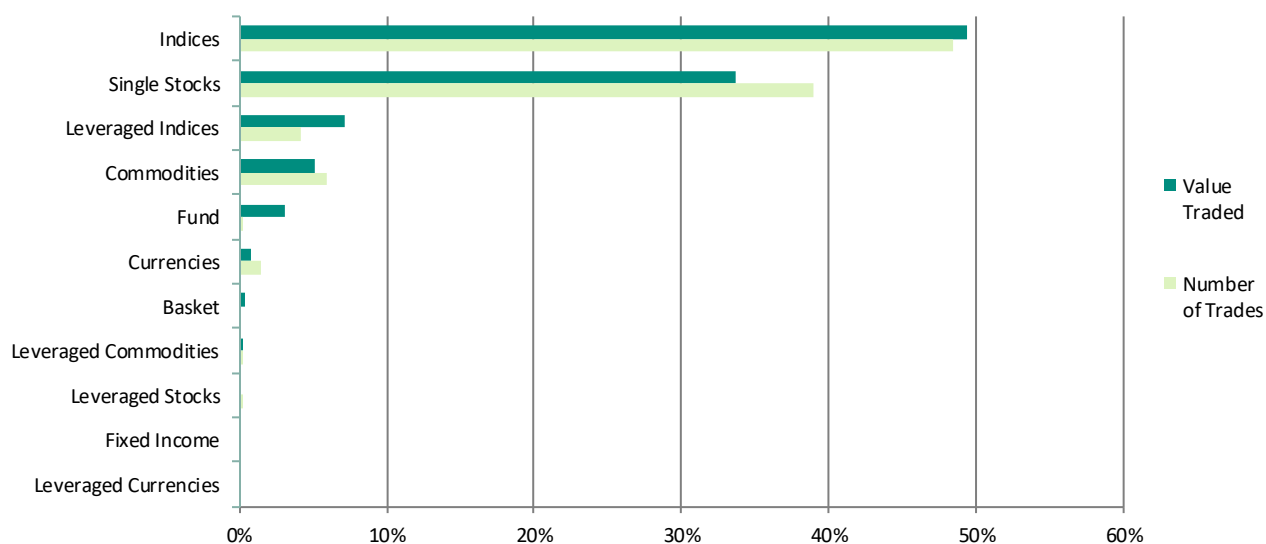
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	6,041	31%	11.7%	49.4%	2,478	21.9%	13.2%	48.5%
Single Stocks	4,128	-10.2%	14.5%	33.8%	1,990	-7.1%	19.5%	39.0%
Leveraged Indices	875	-14.6%	-12.0%	7.2%	216	-49.9%	NA	4.2%
Commodities	620	-19.4%	-29%	5.1%	303	83.0%	44.8%	5.9%
Fund	381	29%	-43%	3.1%	14	114.8%	-95.2%	0.3%
Currencies	91	-38%	8.5%	0.7%	74	-11.2%	32.6%	1.4%
Basket	43	-47%	108%	0.4%	1.7	-94.0%	-84.8%	0.0%
Leveraged Commodities	25	-5.2%	96%	0.2%	15	983.5%	67.1%	0.3%
Leveraged Stocks	13	-25%	1.7%	0.1%	11	5.3%	47.1%	0.2%
Fixed Income	5	61%	-60%	0.0%	3.5	-20.5%	253.4%	0.1%
Leveraged Currencies	3	177%	100%	0.0%	0.6	295.7%	-70.8%	0.0%
Total	12,225	5.7%	4.6%	100%	5,107	4.1%	14.6%	100%

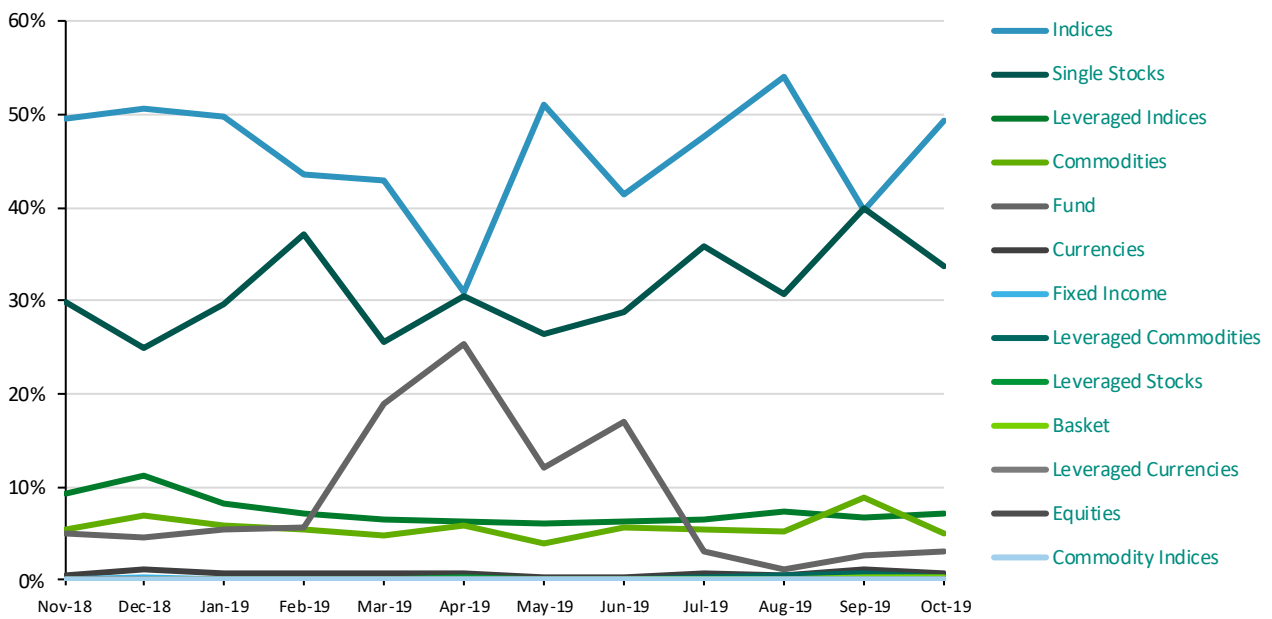
(Source Euronext)



UNDERLYING TYPES

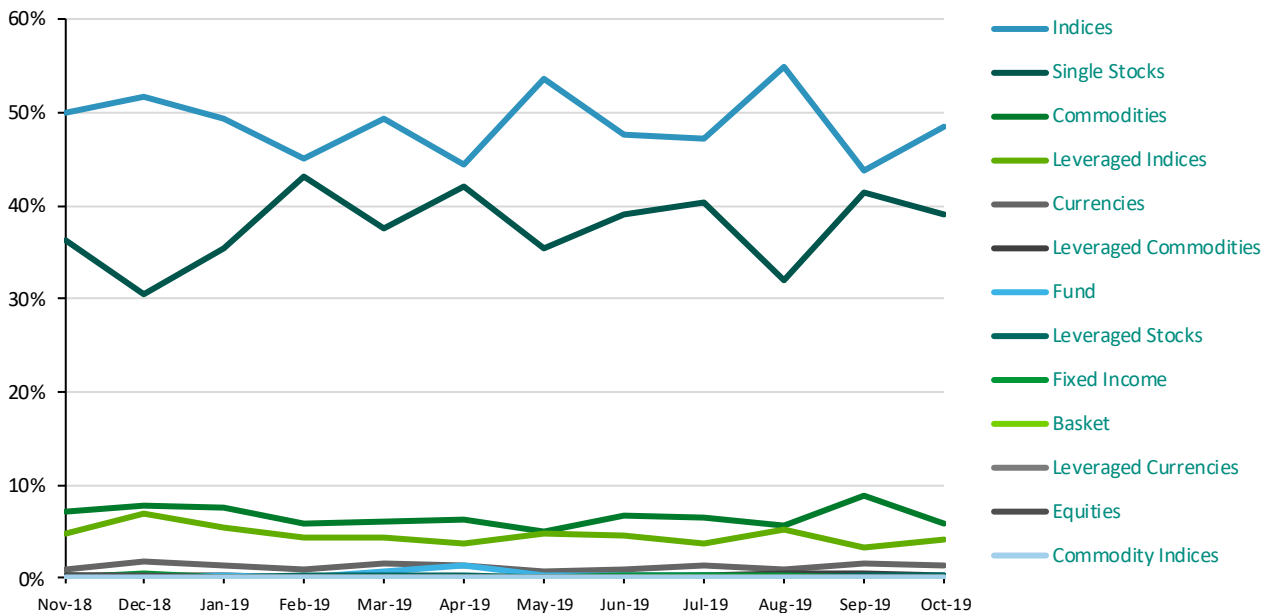
Market Trend: Value traded

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

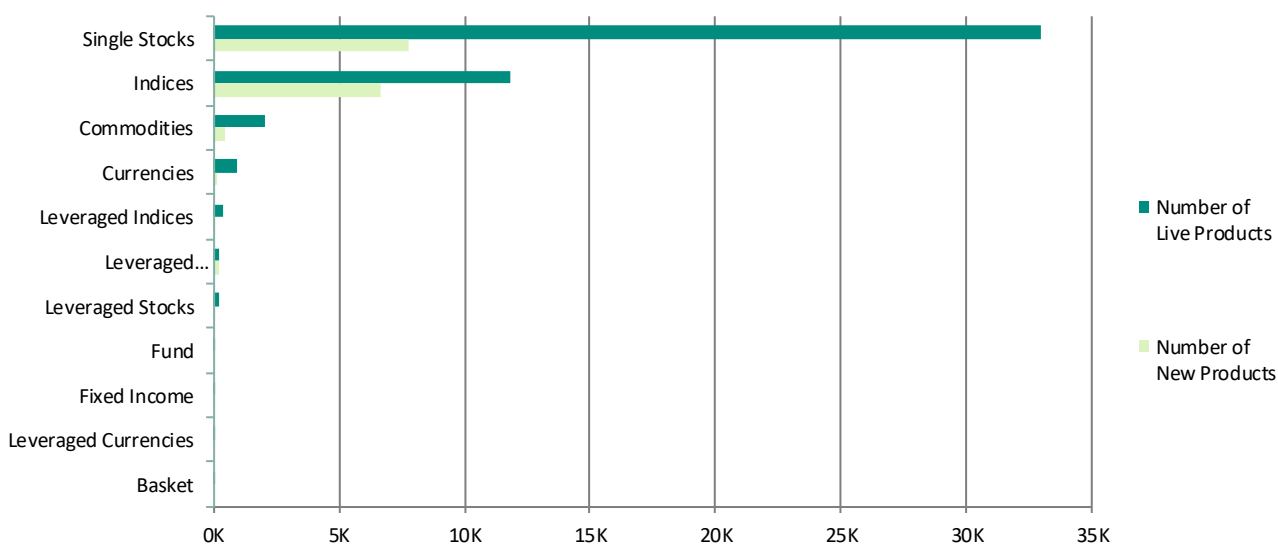
Product Overview

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	32,998	-6.4%	-3.0%	67.6%	7,763	14.0%	-9.1%	50.8%
Indices	11,821	-7.3%	-2.7%	24.2%	6,625	31%	13.7%	43.4%
Commodities	2,036	1.2%	12.0%	4.2%	480	-36%	-6.9%	3.1%
Currencies	970	-9.6%	-17.9%	2.0%	102	-3.8%	-46%	0.7%
Leveraged Indices	341	11.1%	26%	0.7%	87	78%	308%	0.6%
Leveraged Commodities	252	73%	171%	0.5%	201	209%	493%	1.3%
Leveraged Stocks	209	33%	36%	0.4%	10	-80%	-13.0%	0.1%
Fund	91	-3.5%	7.3%	0.2%	1	0.0%	-43%	0.0%
Fixed Income	73	2.0%	6.1%	0.1%	3	0.0%	-41%	0.0%
Leveraged Currencies	8	0.0%	0.0%	0.0%	0			0.0%
Basket	4	2.4%	-11.2%	0.0%	0			0.0%
Total	48,801	-5.9%	-2.2%	100%	15,272	18.6%	0.9%	100%

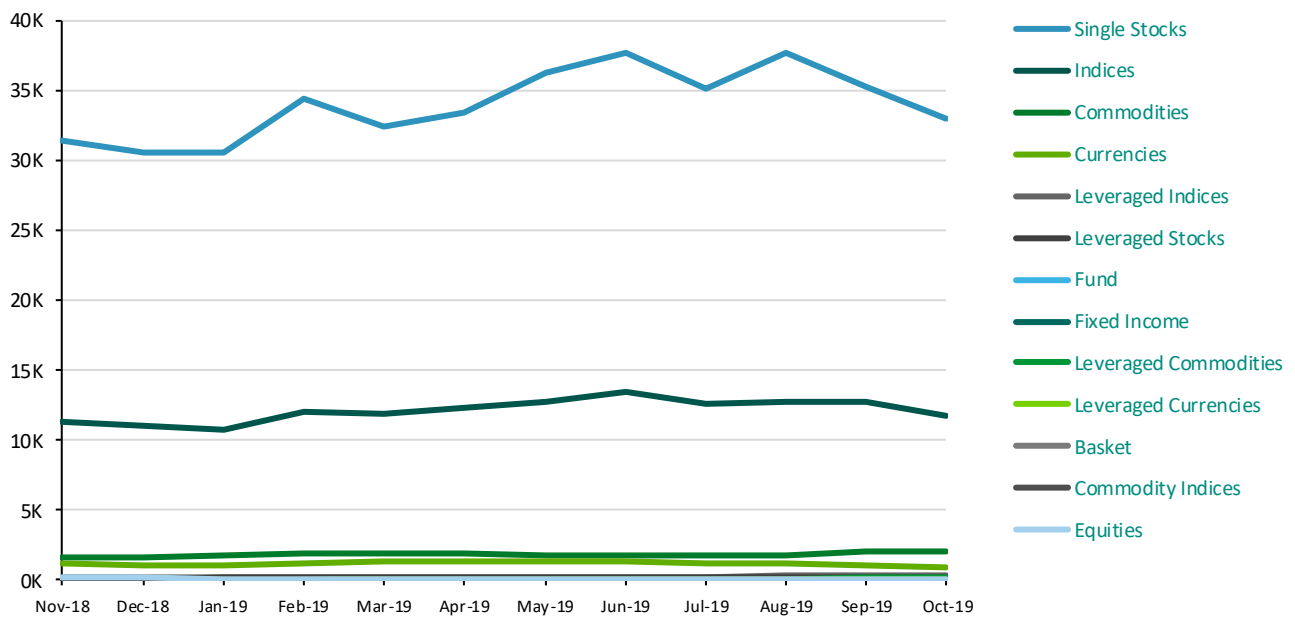
(Source Euronext)



UNDERLYING TYPES

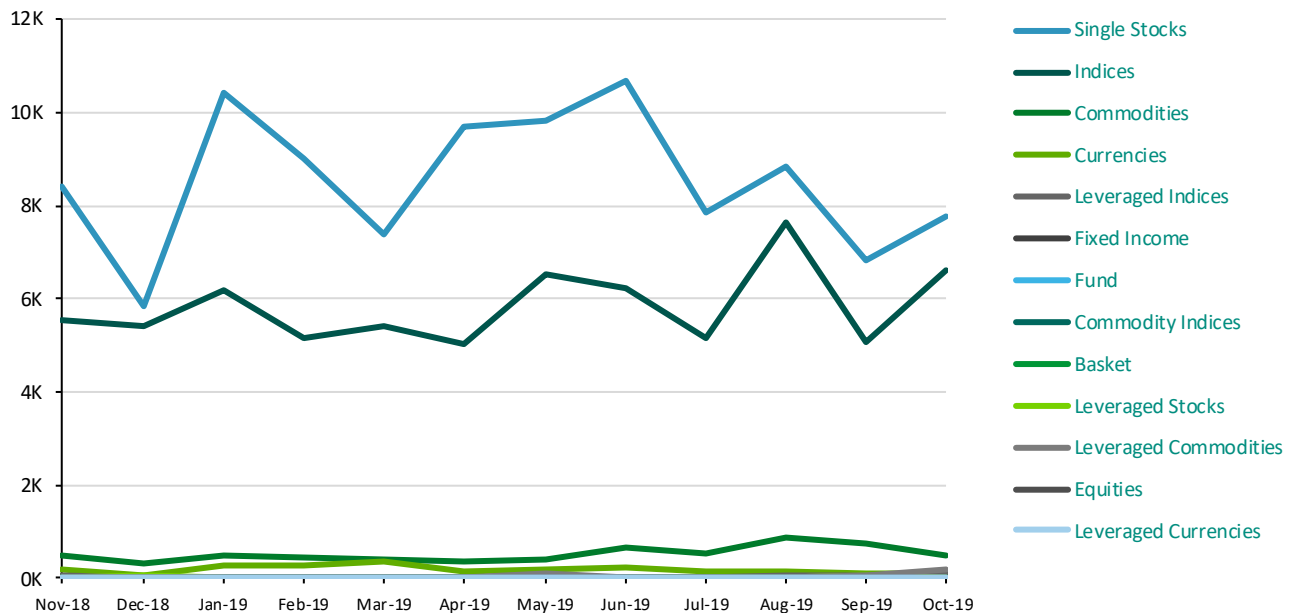
Product Trend: Number of Live Products

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

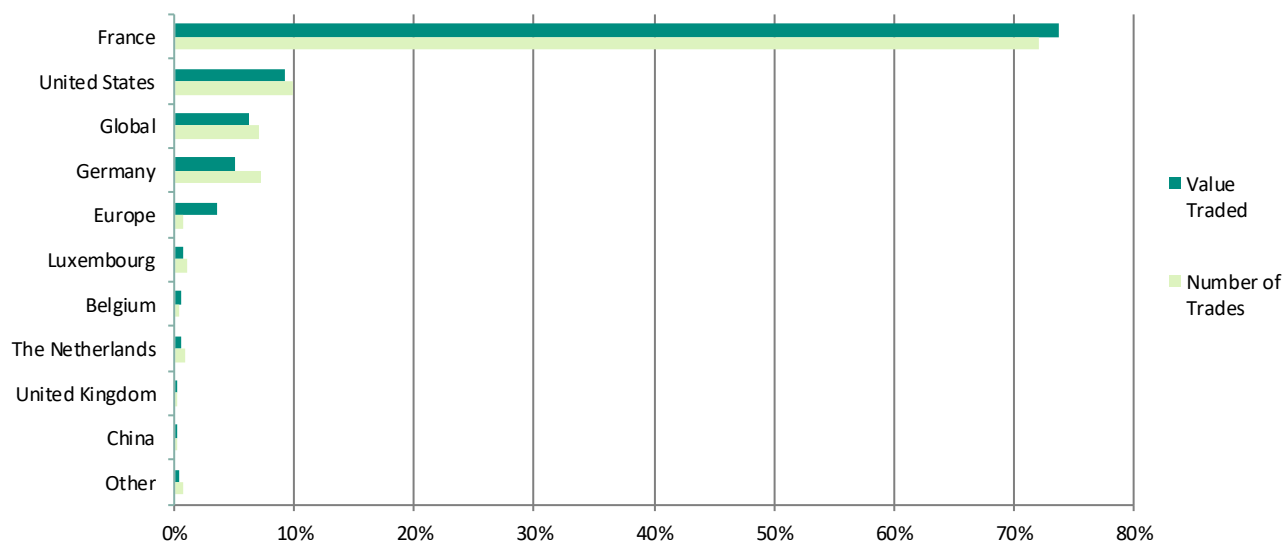
Market Overview

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	9,018	10.5%	22%	73.8%	3,687	6.3%	17.8%	72.2%
United States	1,129	-5.5%	-22%	9.2%	502	0.8%	2.6%	9.8%
Global	757	-29%	-28%	6.2%	354	-22%	920%	6.9%
Germany	605	30%	-23%	4.9%	367	13.9%	1.3%	7.2%
Europe	432	32%	-42%	3.5%	31	63%	-91%	0.6%
Luxembourg	91	-25%	57%	0.7%	56	21%	54%	1.1%
Belgium	64	1.2%	25%	0.5%	21	1.6%	19.2%	0.4%
The Netherlands	61	30%	26%	0.5%	43	309%	99%	0.9%
United Kingdom	17	-58%	-5.4%	0.1%	10	-61%	68%	0.2%
China	15	-33%	-18.1%	0.1%	2.2	-74%	-72%	0.0%
Other	35	-27%	-6.8%	0.3%	32	6.8%	65%	0.6%
Total	12,225	5.7%	4.6%	100%	5,107	4.1%	14.6%	100%

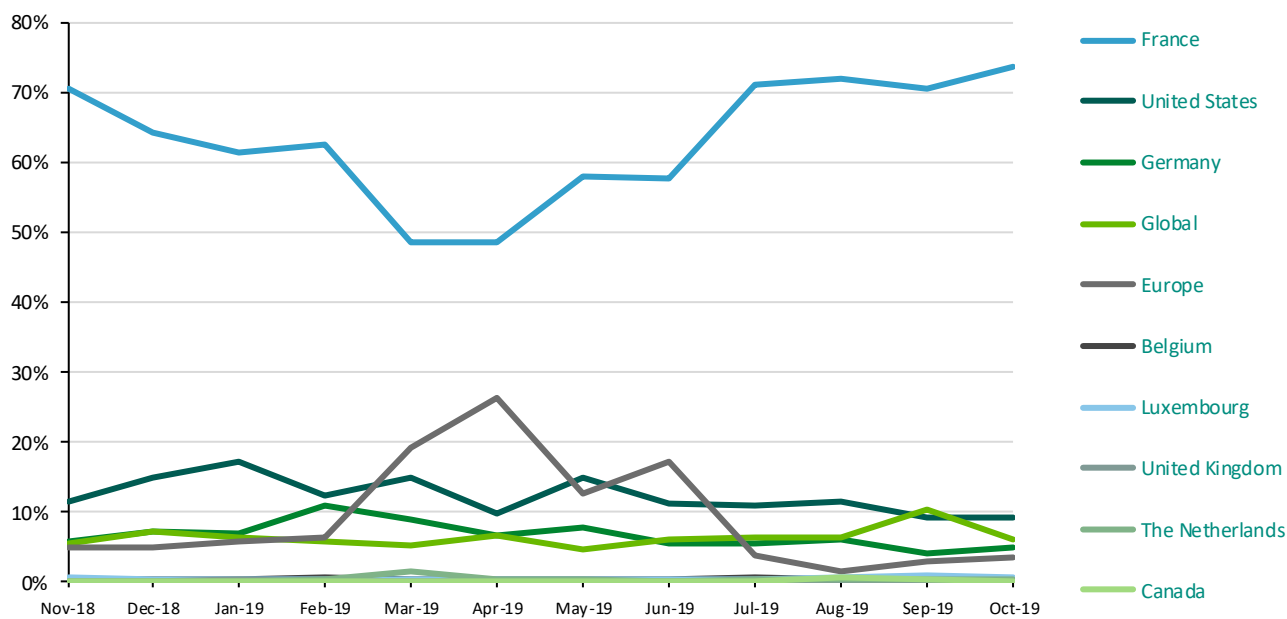
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

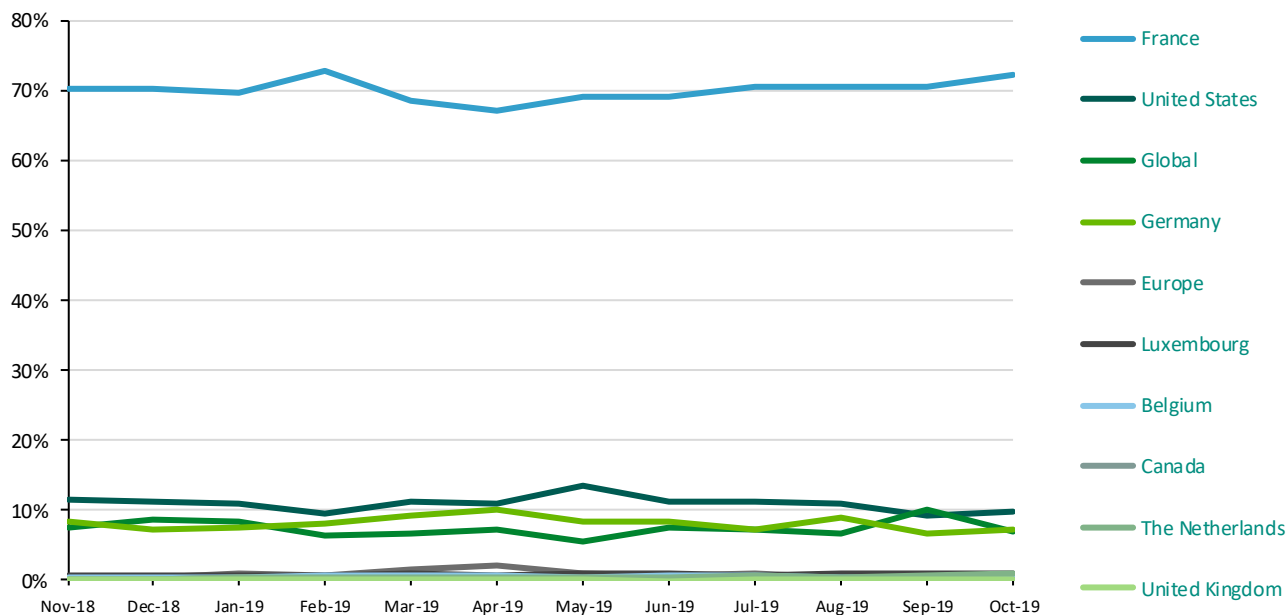
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

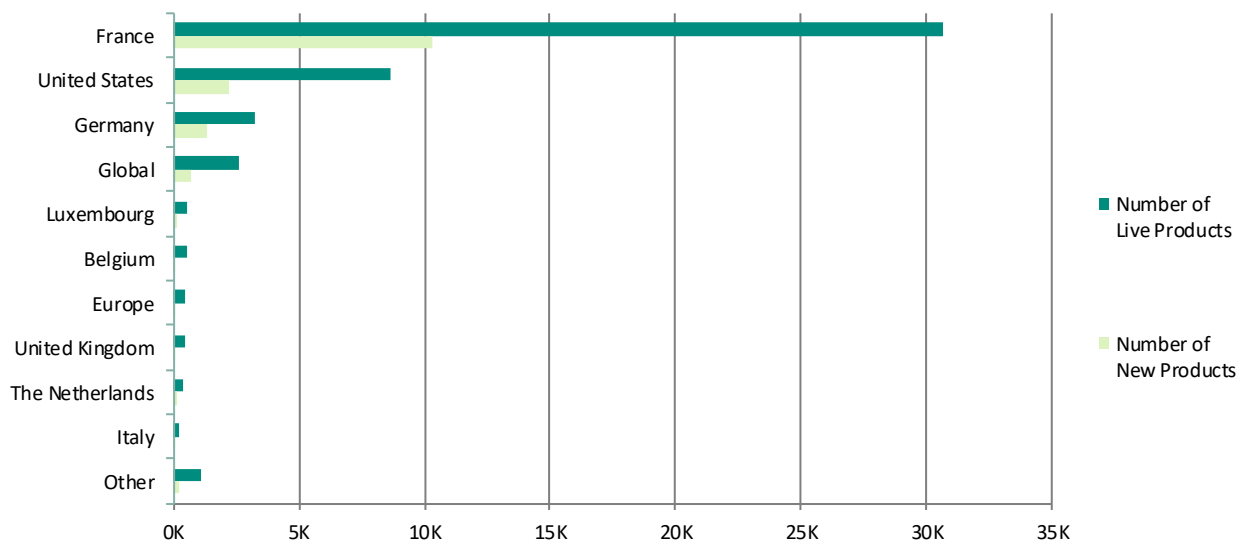
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	30,633	-5.8%	-5.1%	62.8%	10,350	19.4%	4.2%	67.8%
United States	8,647	-9.6%	2.1%	17.7%	2,211	15.9%	-17.1%	14.5%
Germany	3,209	-5.9%	5.2%	6.6%	1,310	58%	16.7%	8.6%
Global	2,608	4.7%	18.7%	5.3%	713	-16.3%	19.4%	4.7%
Luxembourg	571	-5.4%	-20%	1.2%	164	-16.8%	-24%	1.1%
Belgium	538	-3.2%	12.5%	1.1%	73	-25%	-32%	0.5%
Europe	468	-9.5%	-14.6%	1.0%	61	0.0%	-36%	0.4%
United Kingdom	423	-10.6%	-9.8%	0.9%	20	-47%	-75%	0.1%
The Netherlands	378	-5.9%	5.3%	0.8%	108	18.7%	7.1%	0.7%
Italy	228	-3.3%	-19.8%	0.5%	12	-7.7%	-62%	0.1%
Other	1,097	-0.4%	8.0%	2.2%	250	103%	33%	1.6%
Total	48,801	-5.9%	-2.2%	100%	15,272	18.6%	0.9%	100%

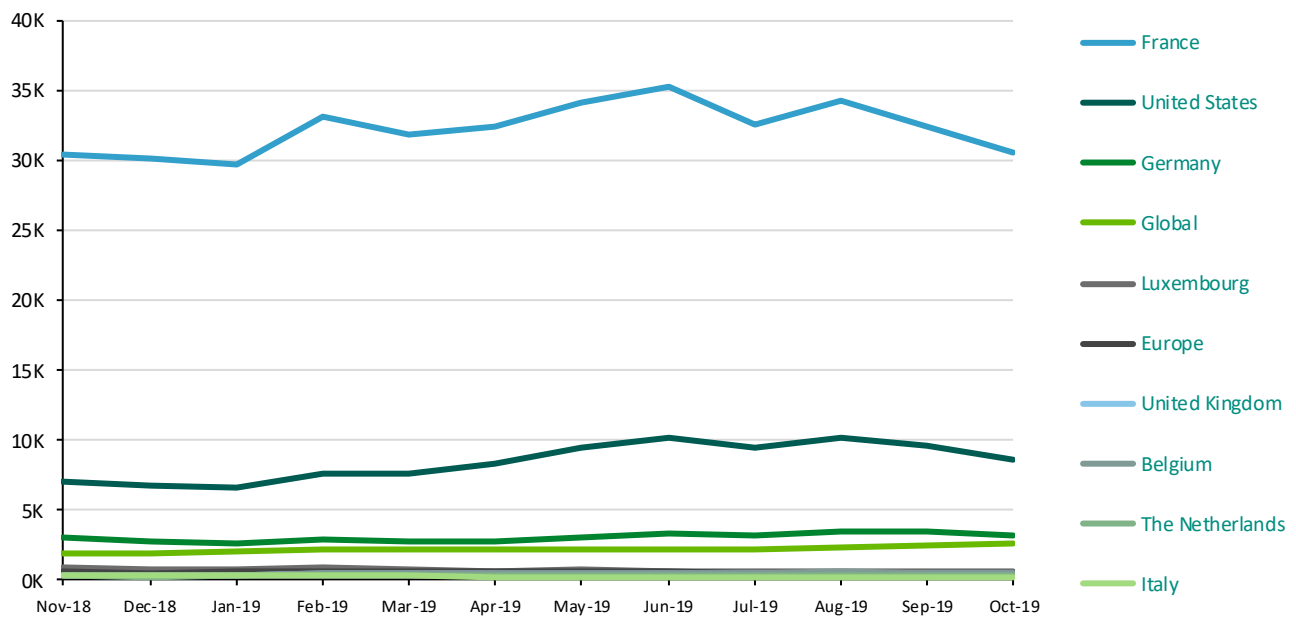
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

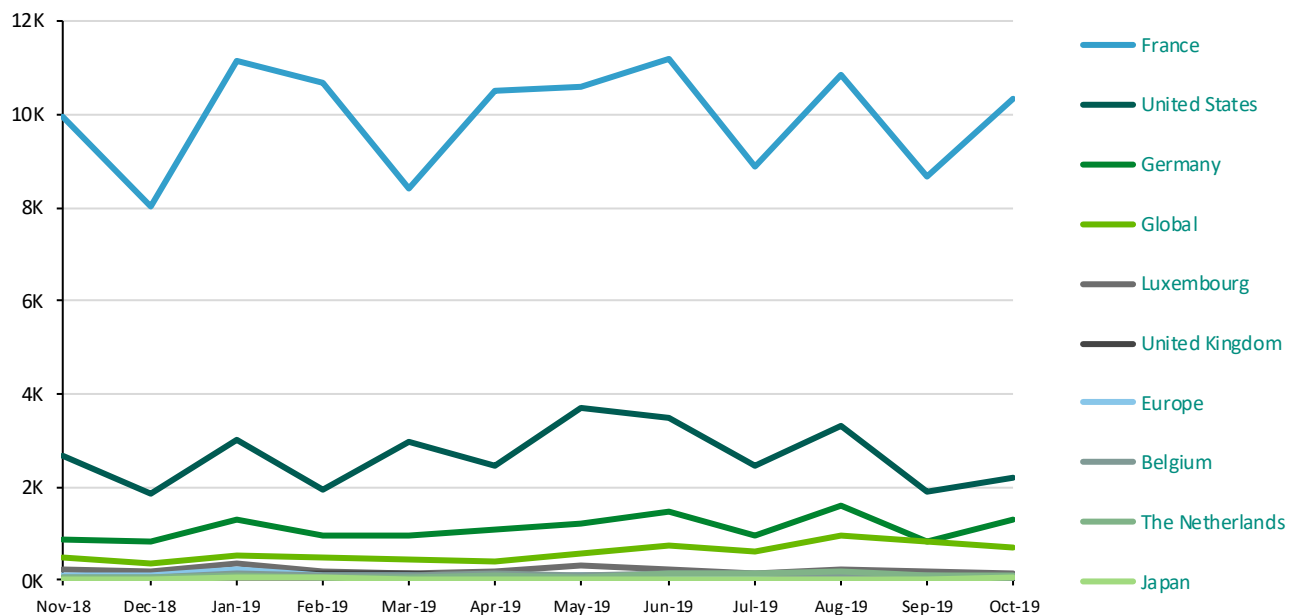
Product Trend: Number of Live Products

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

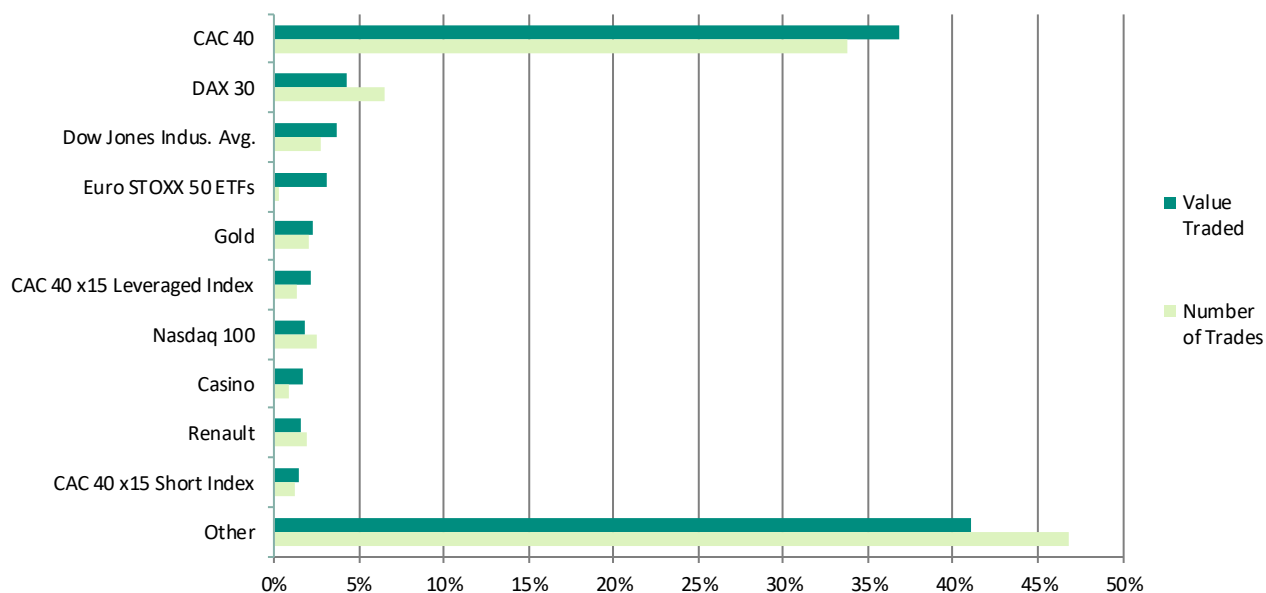
Market Overview

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	4,503	33%	30%	36.8%	1,725	15.8%	18.0%	33.8%
DAX 30	530	27%	-47%	4.3%	332	11.5%	NA	6.5%
Dow Jones Indus. Avg.	456	19.8%	-37%	3.7%	140	24%	-58%	2.7%
Euro STOXX 50 ETFs	378	2.0%	-30%	3.1%	14	-90%	-91%	0.3%
Gold	273	-22%	-24%	2.2%	104	49%	-24%	2.0%
CAC 40 x15 Leveraged Index	263	-10.0%	5.4%	2.2%	70	NA	11.8%	1.4%
Nasdaq 100	221	-12.9%	-1.3%	1.8%	129	147%	65%	2.5%
Casino	213	-15.4%	20%	1.7%	45	-68%	-38%	0.9%
Renault	195	-11.2%	10.5%	1.6%	98	15.1%	90%	1.9%
CAC 40 x15 Short Index	172	-19.4%	-0.6%	1.4%	60	-51%	30%	1.2%
Other	5,022	-7.5%	9.0%	41.1%	2,389			46.8%
Total	12,225	5.7%	4.6%	100%	5,107	4.1%	14.6%	100%

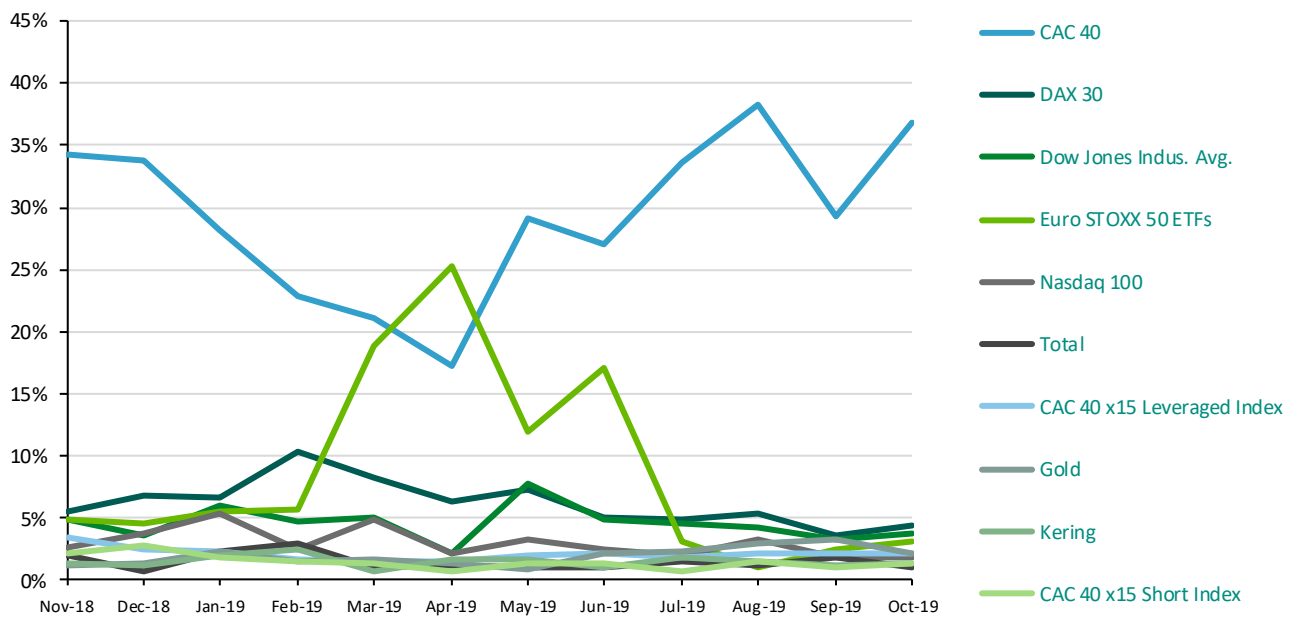
(Source Euronext)



TOP 10 UNDERLYINGS

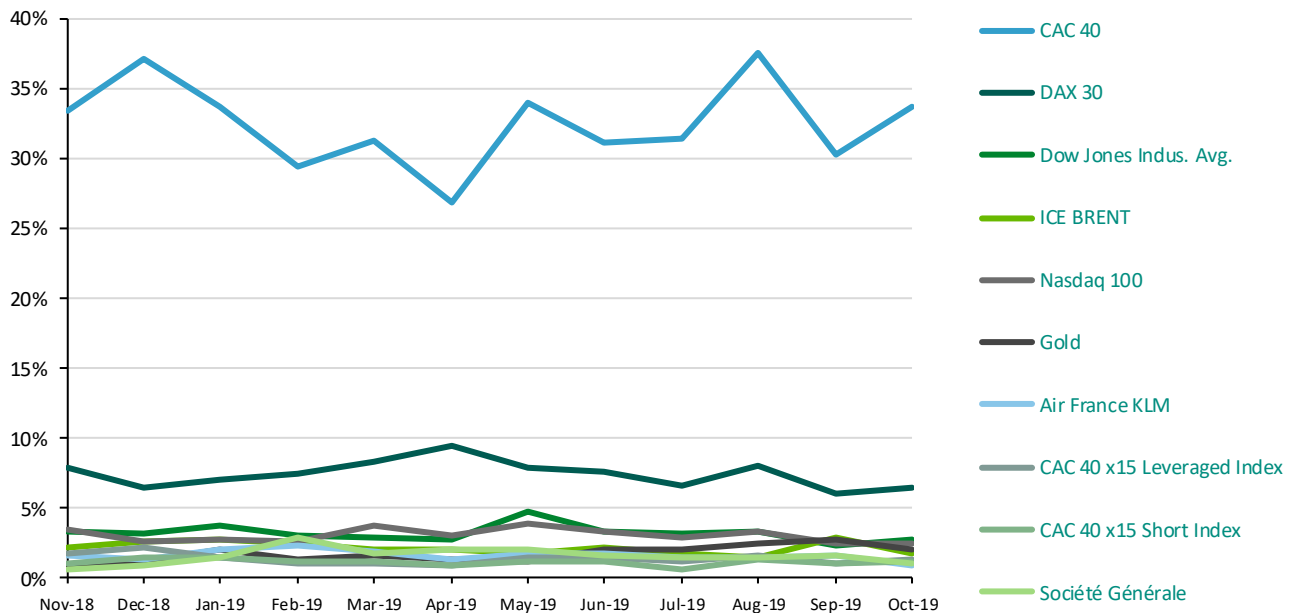
Market Trend: Value traded

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

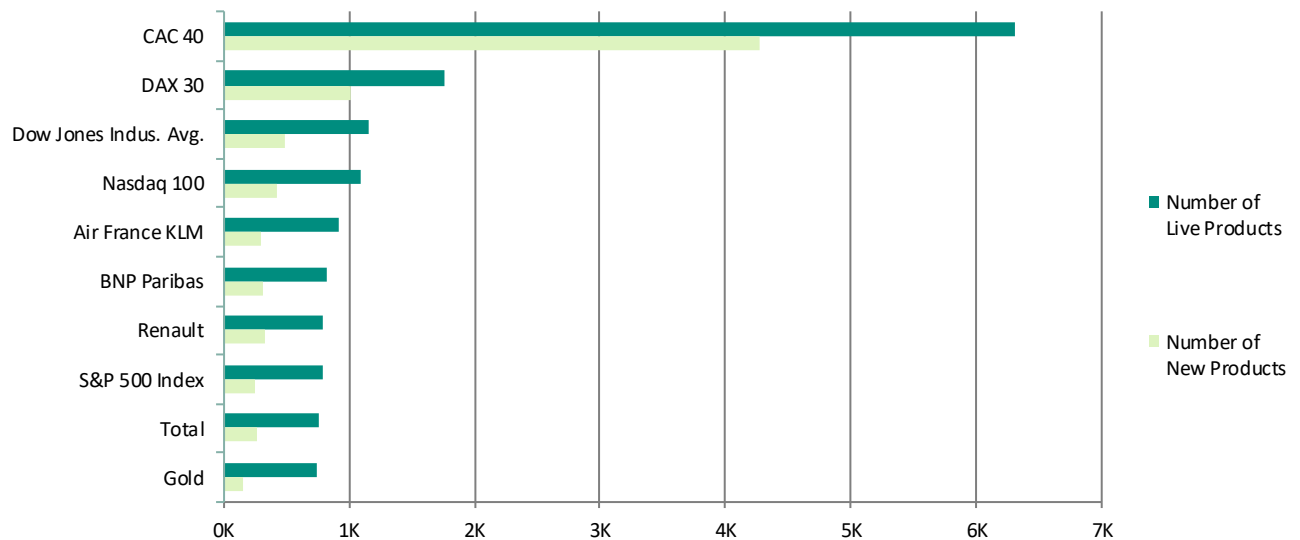
Product Overview

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	6,314	-3.5%	-3.4%	12.9%	4,272	32%	21%	28.0%
DAX 30	1,756	-8.2%	1.1%	3.6%	1,008	71%	23%	6.6%
Dow Jones Indus. Avg.	1,153	-15.2%	-3.3%	2.4%	488	10.4%	-9.8%	3.2%
Nasdaq 100	1,100	-13.2%	2.4%	2.3%	433	-2.0%	-11.6%	2.8%
Air France KLM	924	-9.0%	-7.7%	1.9%	300	29%	-19.1%	2.0%
BNP Paribas	815	-6.0%	-12.2%	1.7%	318	66%	23%	2.1%
Renault	796	-10.3%	-10.0%	1.6%	332	94%	18.4%	2.2%
S&P 500 Index	784	-14.1%	-7.1%	1.6%	248	15.3%	-14.3%	1.6%
Total	763	-5.9%	-1.1%	1.6%	260	13.0%	19.7%	1.7%
Gold	748	-3.7%	12.5%	1.5%	149	0.7%	-13.6%	1.0%
Other	33,647	-5.3%	-1.7%	68.9%	7,464	7.0%	-8.7%	48.9%
Total	48,801	-5.9%	-2.2%	100%	15,272	18.6%	0.9%	100%

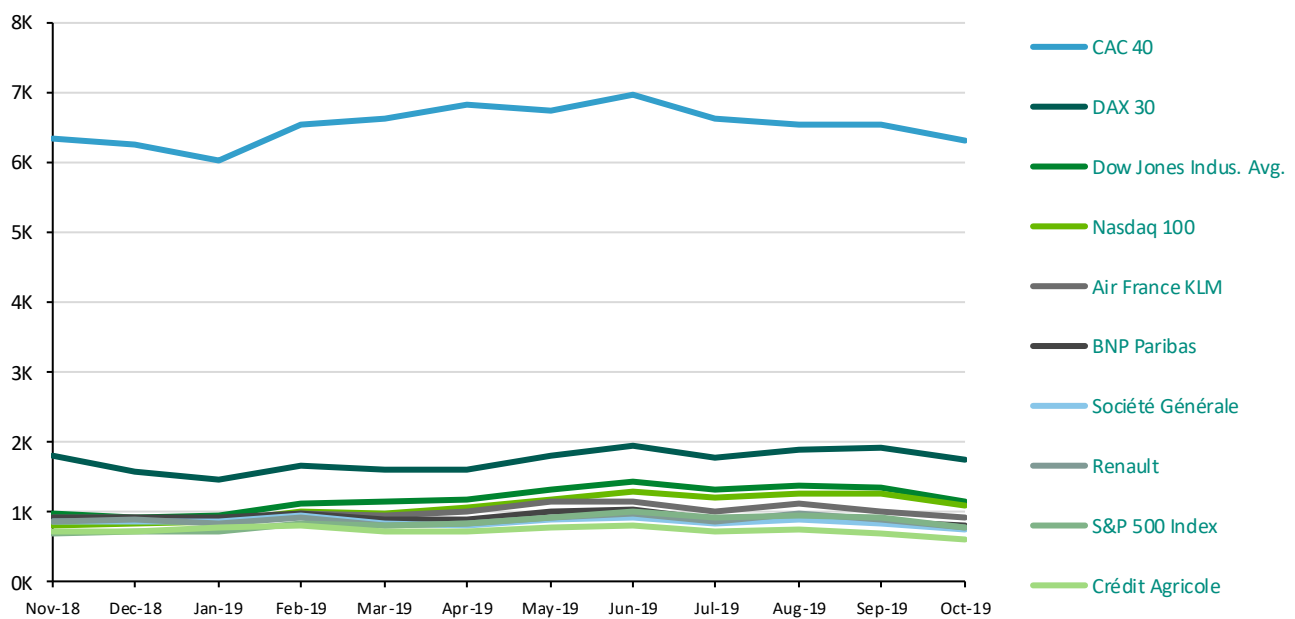
(Source Euronext)



TOP 10 UNDERLYINGS

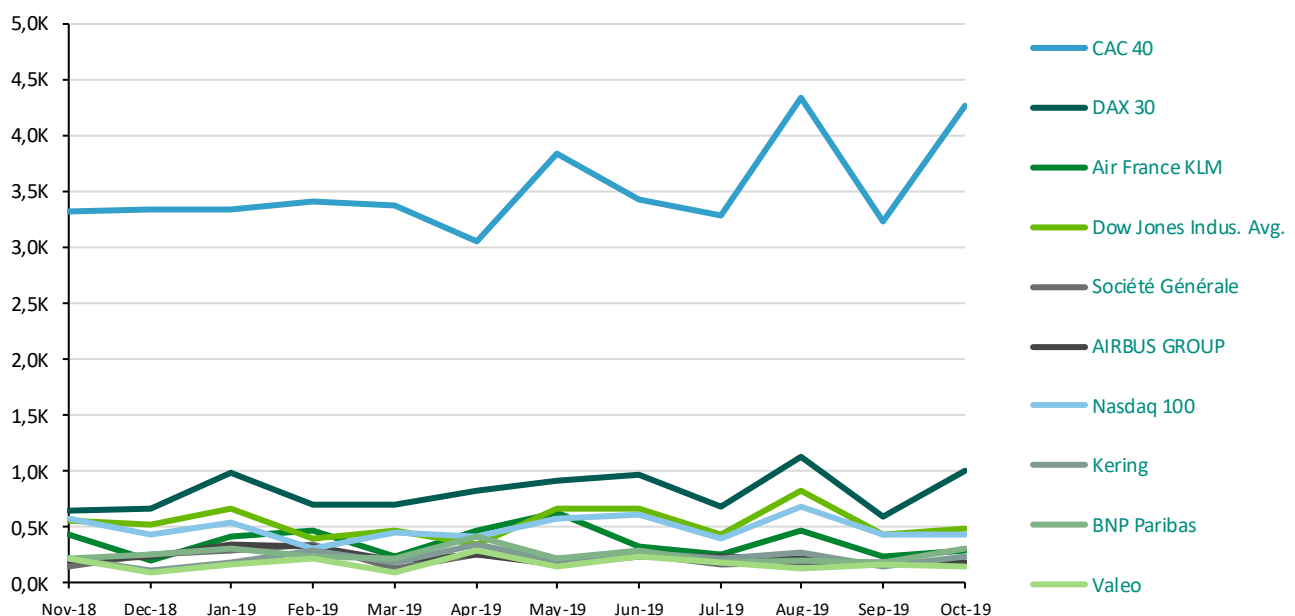
Product Trend: Number of Live Products

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
NL0012969141	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	10,988	88
DE000CD5NZY1	Commerzbank	2300 Constant Leverage Certificate	CAC 40	6,728	992
DE000CU15504	Commerzbank	2300 Constant Leverage Certificate	CAC 40	4,945	546
FR0013217940	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,424	520
FR0013188612	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leveraged Index	4,233	794
FR0010511535	Société Générale	1300 Tracker Certificates	Brent	4,000	520
DE000CD21YJ2	Commerzbank	2210 Mini-Futures	Dow Jones Indus. Avg.	3,528	60
FRBNPP014ZX2	BNP Paribas	2210 Mini-Futures	Eramet	3,460	322
LU1921213960	Société Générale	2210 Mini-Futures	CAC 40	3,258	1,466
LU1815432056	Société Générale	1300 Tracker Certificates	CAC 40 x10 Short Index	3,255	432
NL0006454928	BNP Paribas	1300 Tracker Certificates	Gold	3,170	126
LU1815432486	Société Générale	1300 Tracker Certificates	CAC 40 x15 Short Index	2,623	1,232
FR0013101565	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leveraged Index	2,462	276
LU2000202940	Société Générale	2100 Warrants	CAC 40	1,969	38
FR0013427192	Commerzbank	1250 Capped Bonus Certificates	Arcelormittal	1,955	42
DE000VF9NLG5	Vontobel	2200 Knock-Out Warrants	DAX 30	1,955	448
LU1555073730	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leveraged Index	1,870	50
DE000CU12KE5	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,855	96
DE000KA1P6N5	Citi	2100 Warrants	BARRICK GOLD CORPORATION	1,792	218
FR0010601229	Société Générale	2210 Mini-Futures	EUR/USD	1,762	6
LU1910544235	Société Générale	2210 Mini-Futures	CAC 40	1,571	114
FR0010673350	Société Générale	1300 Tracker Certificates	Gold	1,454	202
NL0013345960	BNP Paribas	2100 Warrants	LVMH	1,397	276
LU1988767635	Société Générale	2210 Mini-Futures	CAC 40	1,358	186
FRBNPP00XWA7	BNP Paribas	2210 Mini-Futures	Eramet	1,338	66
LU1937257597	Société Générale	2100 Warrants	CAC 40	1,338	122
FR0013337664	Commerzbank	1250 Capped Bonus Certificates	Casino	1,291	16
DE000CU14XE4	Commerzbank	2210 Mini-Futures	Dow Jones Indus. Avg.	1,283	28
FR0011214527	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leveraged Index	1,273	348
FRBNPP0127T4	BNP Paribas	2200 Knock-Out Warrants	CAC 40	1,271	222
DE000CU37H77	Commerzbank	2205 Open-End Knock-Out Warrants	Casino	1,270	170
DE000CU36VT9	Commerzbank	2205 Open-End Knock-Out Warrants	Silver	1,245	224
NL0012300693	BNP Paribas	2100 Warrants	CAC 40	1,232	72
DE000CA0ZD72	Commerzbank	2300 Constant Leverage Certificate	CAC 40	1,229	890
DE000CD9FNJ6	Commerzbank	2210 Mini-Futures	Peugeot	1,202	54
FR0010961078	Société Générale	2300 Constant Leverage Certificate	CAC 40 x5 Leveraged Index	1,175	244
DE000CQ7CV43	Citi	2300 Constant Leverage Certificate	CAC 40 x15 Short Index	1,130	232
FR0011119387	Société Générale	2300 Constant Leverage Certificate	CAC 40 x6 Leveraged Index	1,120	54
NL0006191470	BNP Paribas	1300 Tracker Certificates	Precious Metals Basket	1,117	60
DE000CU37XS5	Commerzbank	2205 Open-End Knock-Out Warrants	CAC 40	1,108	30
LU1921011745	Société Générale	2210 Mini-Futures	CAC 40	1,099	370
DE000KA2USH6	Citi	2200 Knock-Out Warrants	Nasdaq 100	1,082	486
DE000HV1WVE5	Unicredit	2205 Open-End Knock-Out Warrants	CAC 40	1,048	530
DE000CE4UKZ7	Commerzbank	2300 Constant Leverage Certificate	Gold	1,045	376
LU2000457429	Société Générale	2200 Knock-Out Warrants	CAC 40	1,044	210
LU1969020582	Société Générale	2100 Warrants	Dow Jones Indus. Avg.	1,008	40
LU2000155502	Société Générale	2100 Warrants	CAC 40	1,000	54
FRBNPP014U69	BNP Paribas	2200 Knock-Out Warrants	CAC 40	983	54
FR0013366572	Commerzbank	1250 Capped Bonus Certificates	Casino	975	14
DE000VE1DPQ4	Vontobel	2200 Knock-Out Warrants	CAC 40	972	72

(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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