



warrants and certificates

Activity report

Issue 100
November 2019

Contents

05 Euronext Markets

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

35 Euronext Amsterdam

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

65 Euronext Brussels

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

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Contents

95 Euronext Lisbon

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

125 Euronext Paris

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

	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 30/11/2019)	26,818	804	1,541	53,452	82,615
New Products	6,026	174	359	13,367	19,926
New Products YTD	69,632	2,175	4,308	168,655	244,770
Value Traded (in €m)	346.9	22.4	146.6	240.3	756.2
Value Traded YTD (in €m)	4,293.5	152.6	1,238.2	2,912.0	8,596.3
Value Traded ADV (in €m)	16.5	1.1	7.0	11.4	36.0
Value Traded YTD ADV (in €m)	18.3	0.6	5.3	12.4	36.6
Number of Trades	126,969	5,717	11,615	90,944	235,245
Number of Trades YTD	1,715,027	51,311	104,627	1,112,630	2,983,595
Number of Trades ADV	6,046	272	553	4,331	11,202
Number of Trades YTD ADV	7,298	218	445	4,735	12,696

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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

ABOUT THE INDEX

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

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

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

Find out more

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

commodities@euronext.com

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



Euronext Markets

ISSUERS

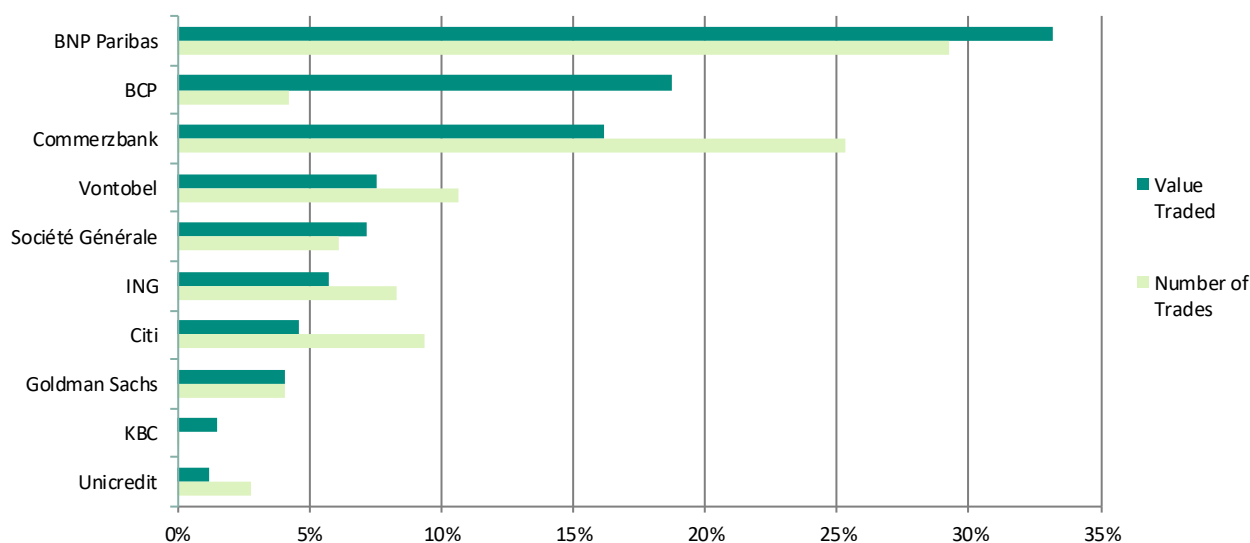
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	11,960	1.0%	-2.2%	33.2%	3,279	-18.4%	-10.2%	29.3%
BCP	6,752	33%	42%	18.8%	471	31.8%	48.0%	4.2%
Commerzbank	5,823	-6.2%	-8.5%	16.2%	2,838	-2.7%	-5.6%	25.3%
Vontobel	2,728	-30%	23%	7.6%	1,190	-14.9%	-6.1%	10.6%
Société Générale	2,584	-11.0%	-5.3%	7.2%	683	-20.9%	-29.0%	6.1%
ING	2,062	-17.9%	-30%	5.7%	926	-11.8%	-13.2%	8.3%
Citi	1,659	-19.7%	-28%	4.6%	1,044	-13.4%	-20.4%	9.3%
Goldman Sachs	1,472	-12.5%	-45%	4.1%	457	-24.0%	-50.1%	4.1%
KBC	543	57%	137%	1.5%	3.5	17.5%	126.0%	0.0%
Unicredit	425	0.9%	12.8%	1.2%	310	0.2%	23.9%	2.8%
Total	36,009	-2.5%	-2.1%	100%	11,202	-12.0%	-12.2%	100%

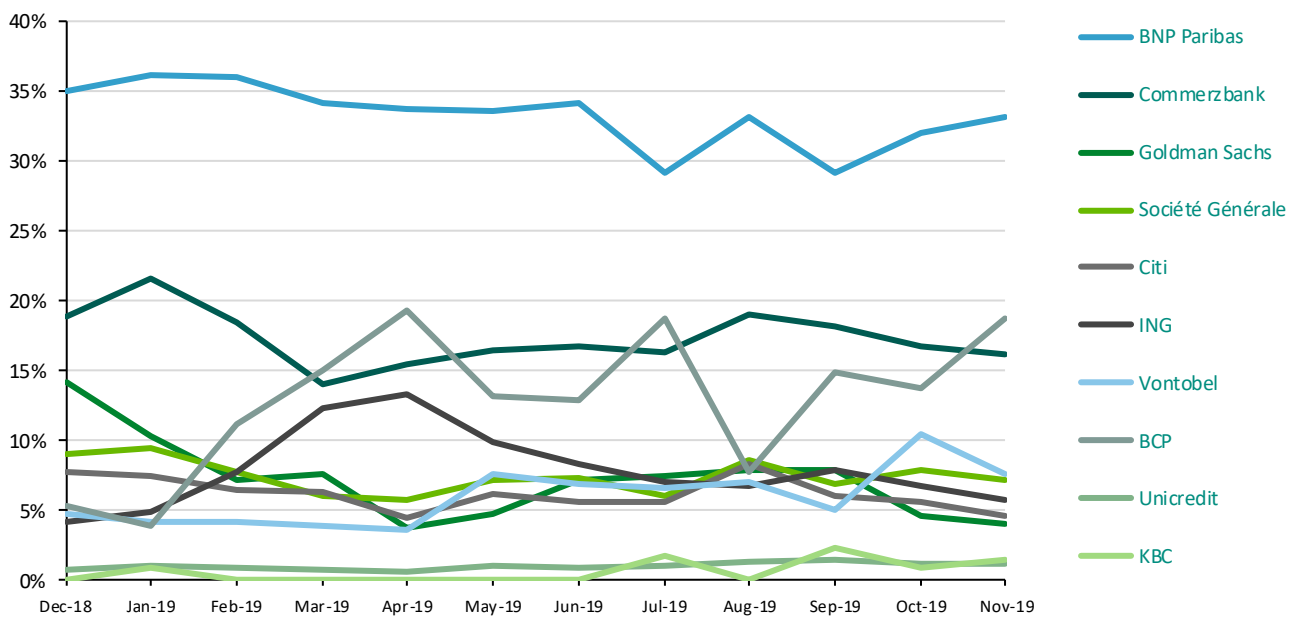
(Source Euronext)



ISSUERS

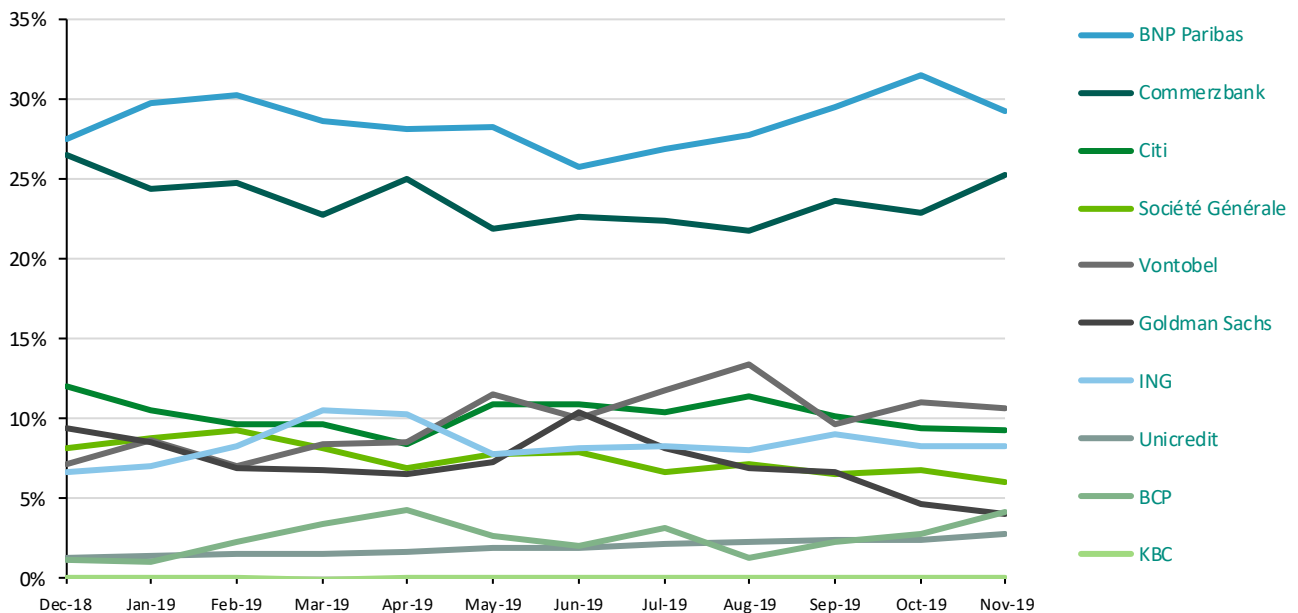
Market Trend: Value traded

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

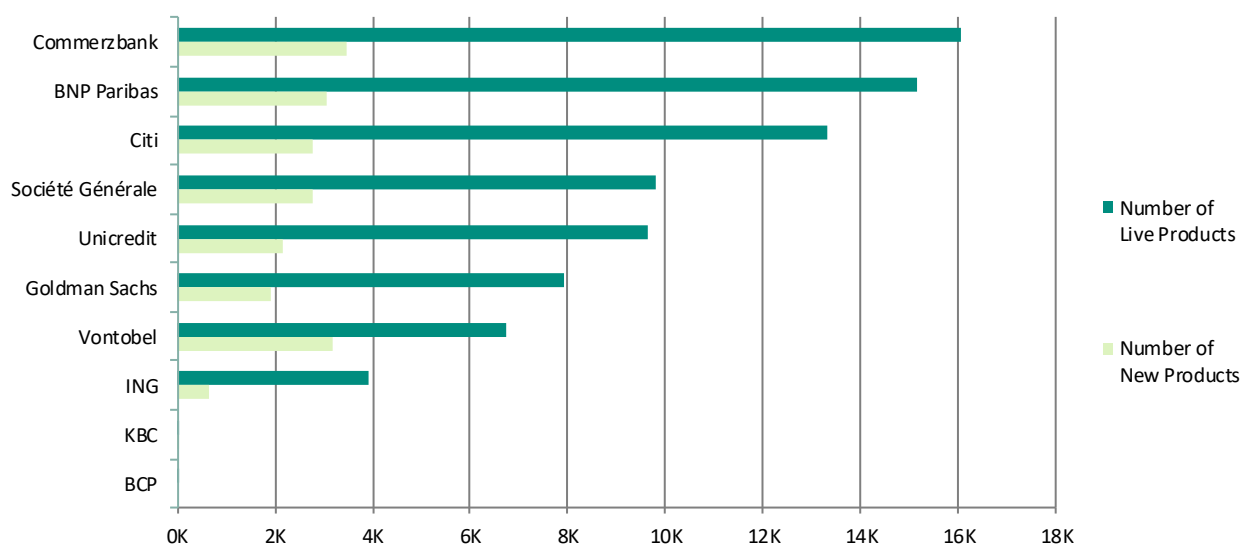
Product Overview

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	16,043	9.6%	4.2%	19.4%	3,456	7.0%	3.6%	17.3%
BNP Paribas	15,175	5.8%	9.4%	18.4%	3,061	-9.2%	-13.8%	15.4%
Citi	13,339	10.8%	9.0%	16.1%	2,769	-31%	-23%	13.9%
Société Générale	9,792	2.7%	-5.0%	11.9%	2,779	-5.7%	-17.7%	13.9%
Unicredit	9,654	14.7%	13.9%	11.7%	2,150	11.1%	-4.1%	10.8%
Goldman Sachs	7,909	10.1%	32%	9.6%	1,892	-32%	-11.2%	9.5%
Vontobel	6,733	15.4%	14.2%	8.1%	3,178	-35%	-0.2%	15.9%
ING	3,917	3.1%	18.2%	4.7%	638	-8.5%	29%	3.2%
KBC	31	2.5%	17.0%	0.0%	3	-25%	64%	0.0%
BCP	22	-0.6%	-0.3%	0.0%	0			0.0%
Total	82,615	8.9%	9.4%	100%	19,926	-16.5%	-9.1%	100%

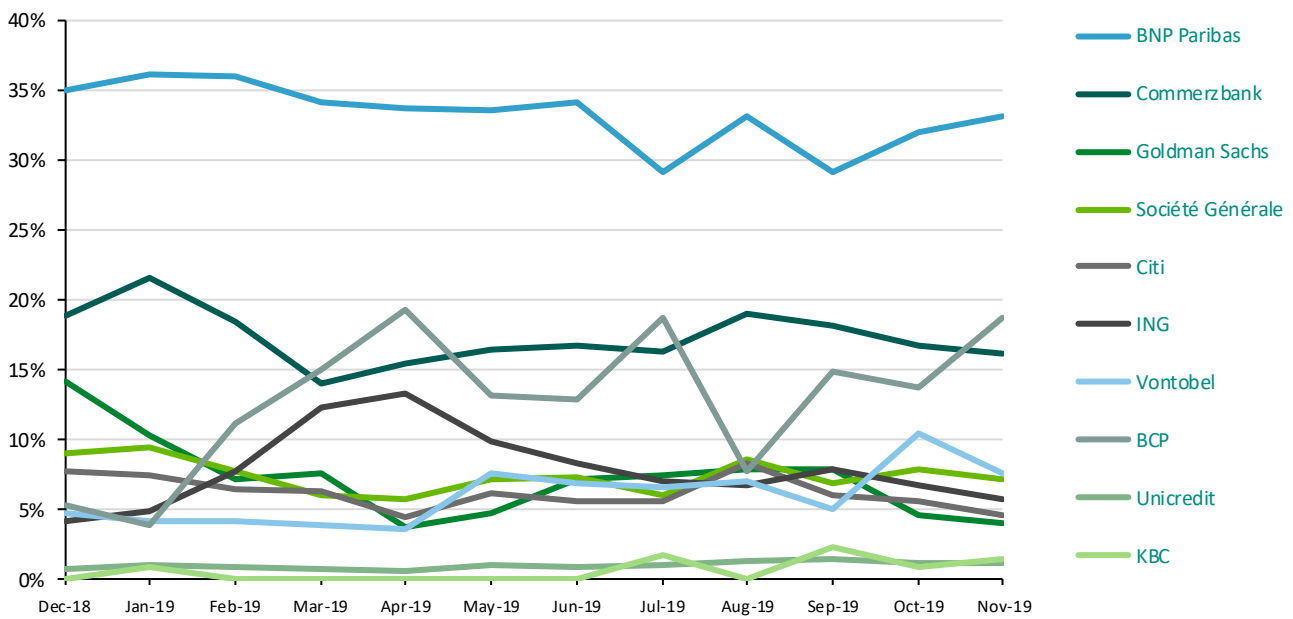
(Source Euronext)



ISSUERS

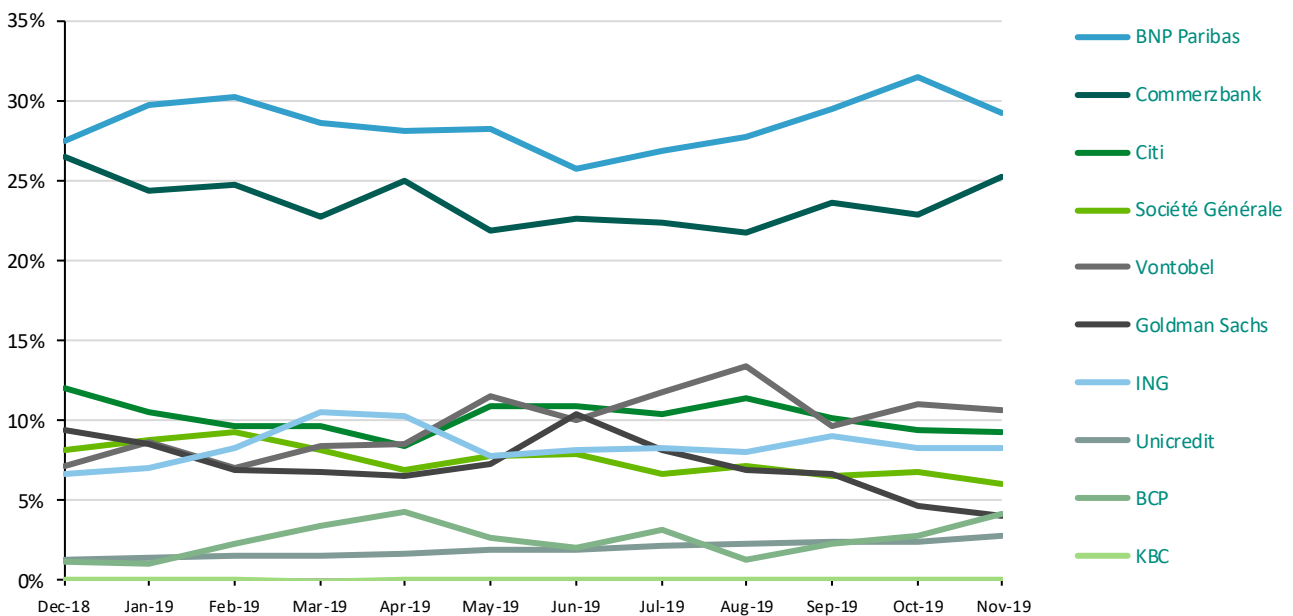
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

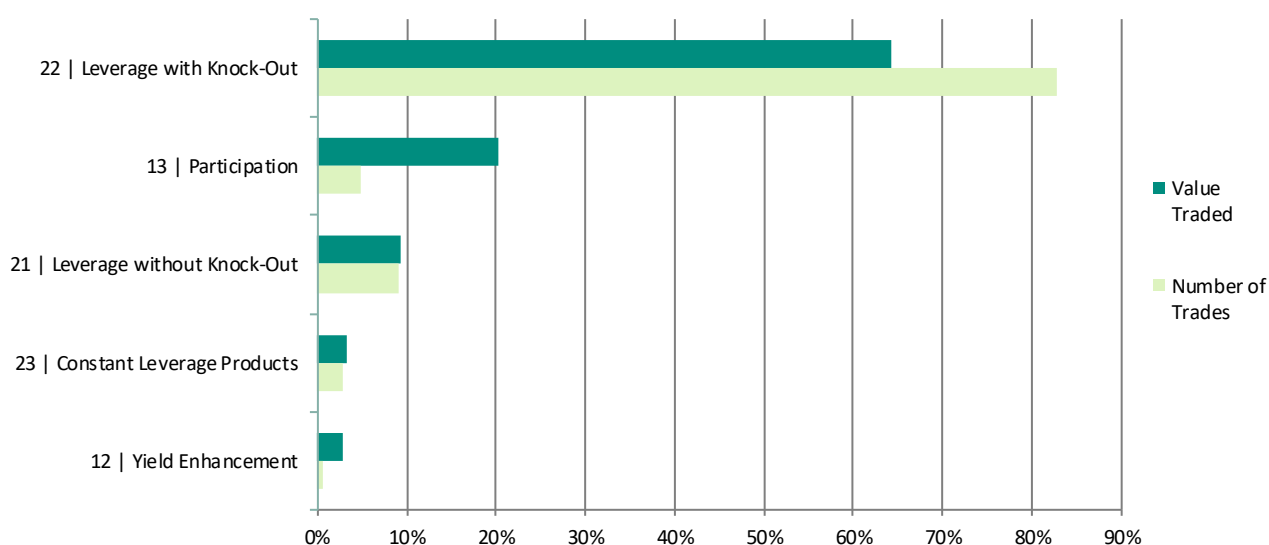
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	23,149	-7.7%	-4.4%	64.3%	9,280	-11.0%	-12.0%	82.8%
13 Participation	7,291	31%	39%	20.2%	532	17.6%	33.8%	4.8%
21 Leverage without Knock-Out	3,332	-14.5%	-34%	9.3%	1,009	-23.6%	-21.1%	9.0%
23 Constant Leverage Products	1,175	-24%	-26%	3.3%	311	-30.9%	-31.9%	2.8%
12 Yield Enhancement	1,063	28%	45%	3.0%	70	1.6%	-1.6%	0.6%
Total	36,009	-2.5%	-2.1%	100%	11,202	-12.0%	-12.2%	100%

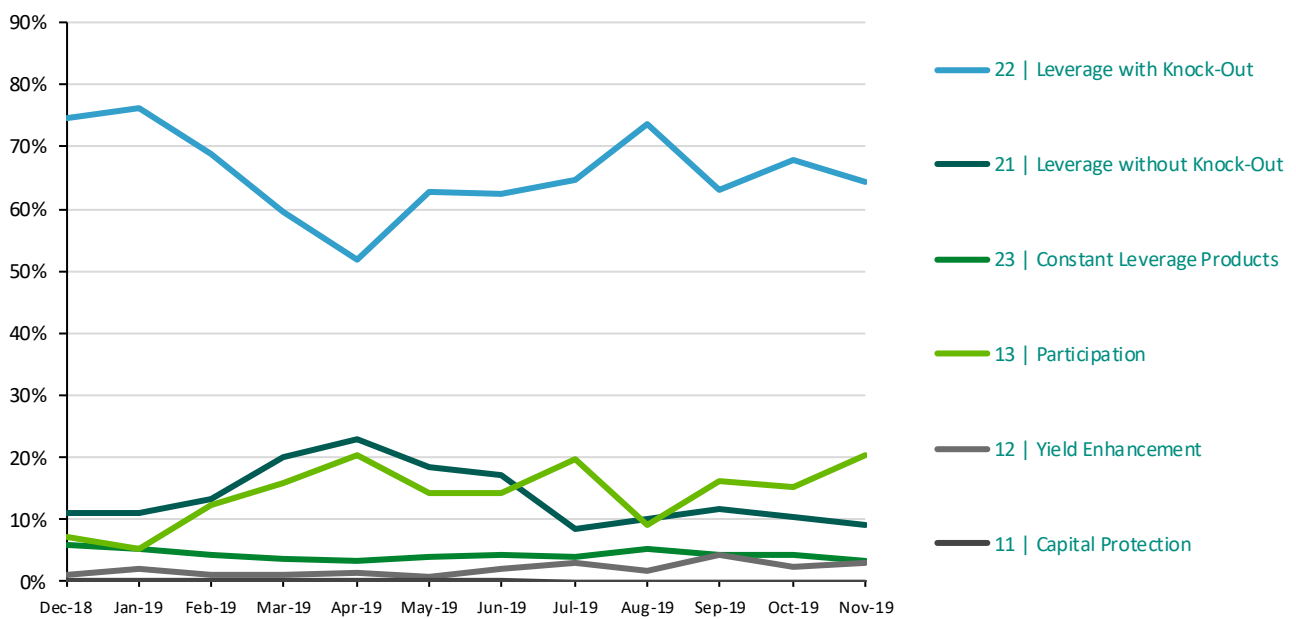
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

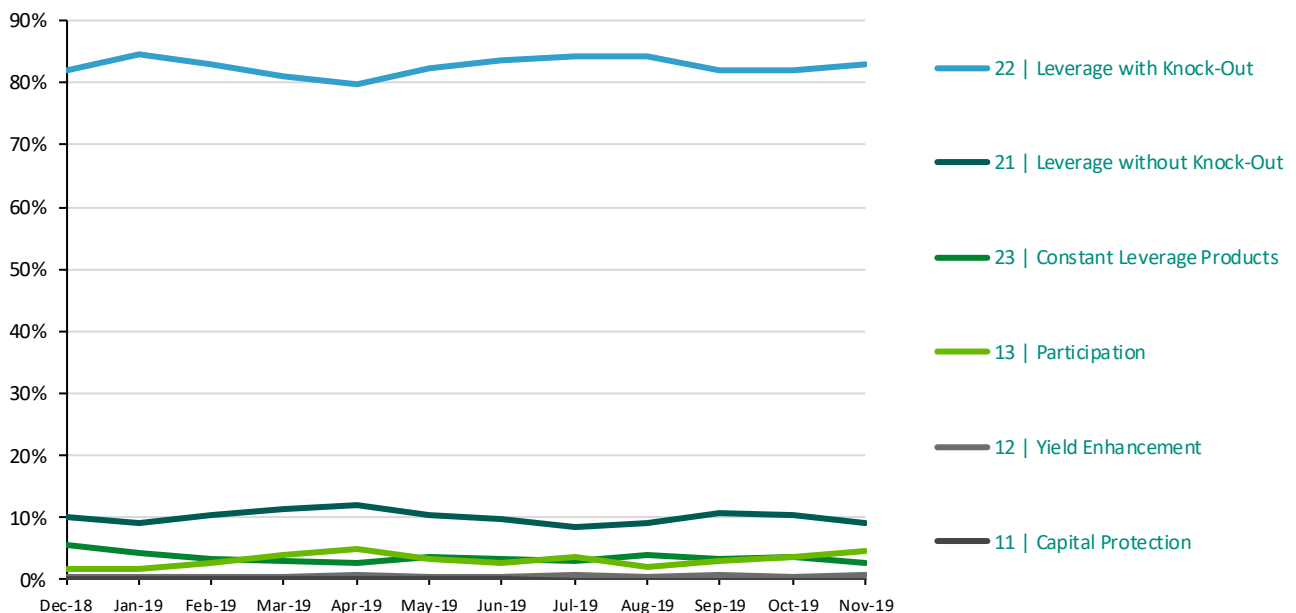
Market Trend: Value traded

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)

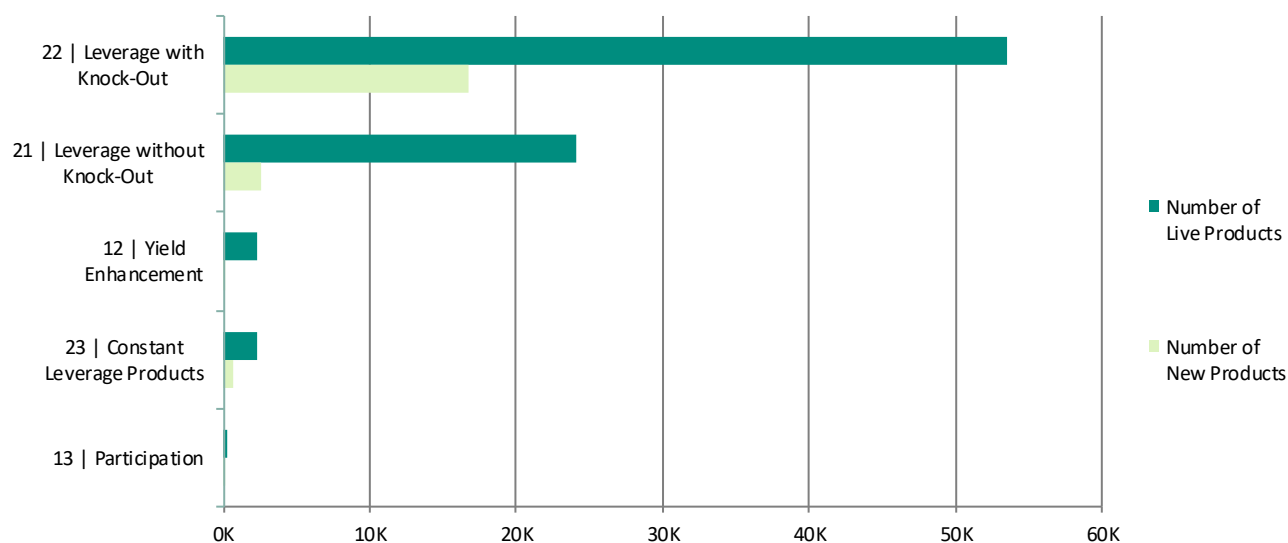
Product Overview

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	53,499	10.1%	12.9%	64.8%	16,695	-19.0%	-4.1%	83.8%
21 Leverage without Knock-Out	24,154	5.3%	0.0%	29.2%	2,489	-0.9%	-38%	12.5%
12 Yield Enhancement	2,337	7.4%	6.3%	2.8%	65	-79%	-78%	0.3%
23 Constant Leverage Products	2,336	25%	58%	2.8%	661	73%	265%	3.3%
13 Participation	289	8.2%	0.8%	0.4%	16	-41%	45%	0.1%
Total	82,615	8.9%	9.4%	100%	19,926	-16.5%	-9.1%	100%

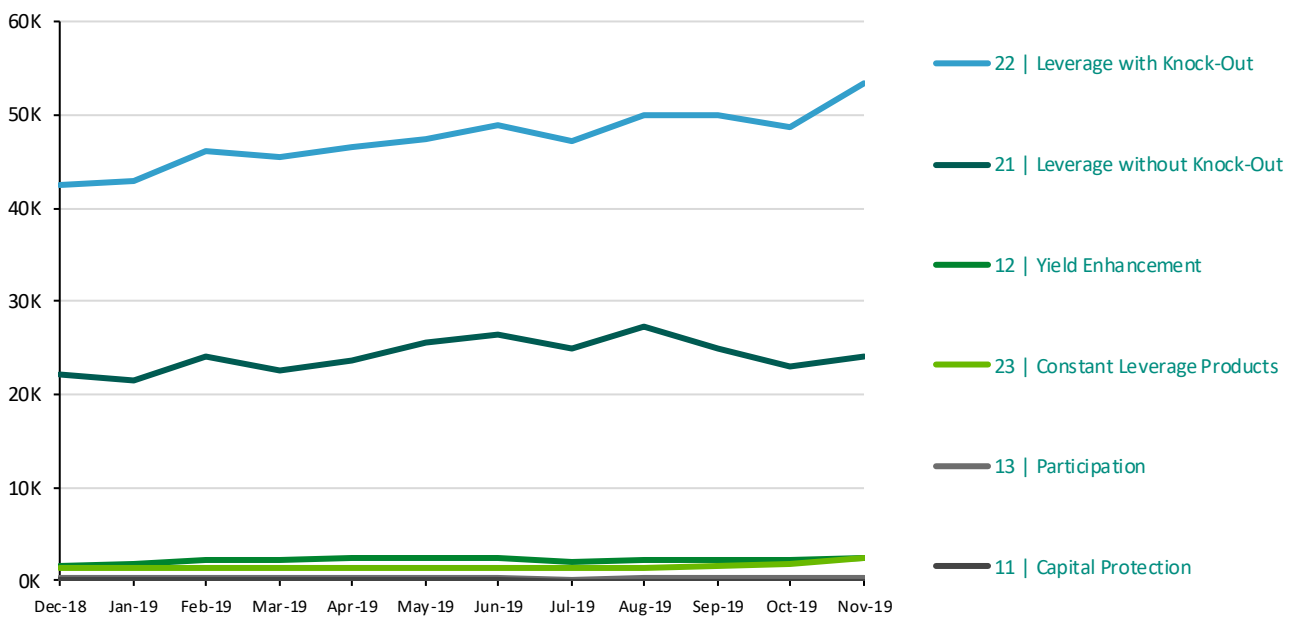
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

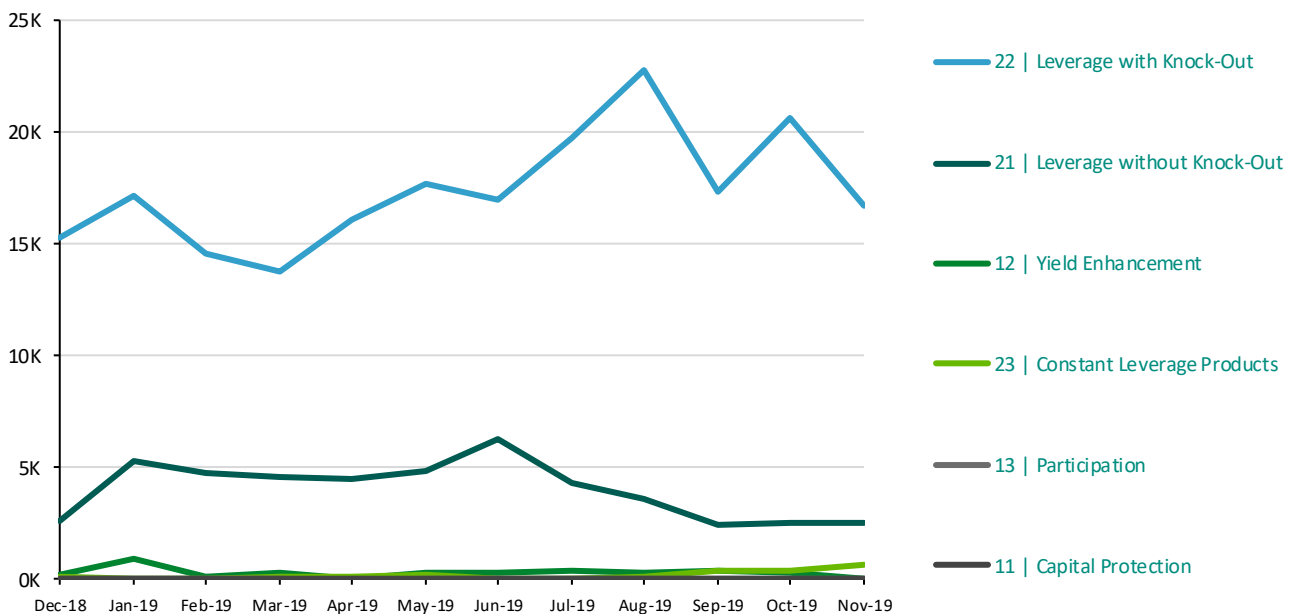
Product Trend: Number of Live Products

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

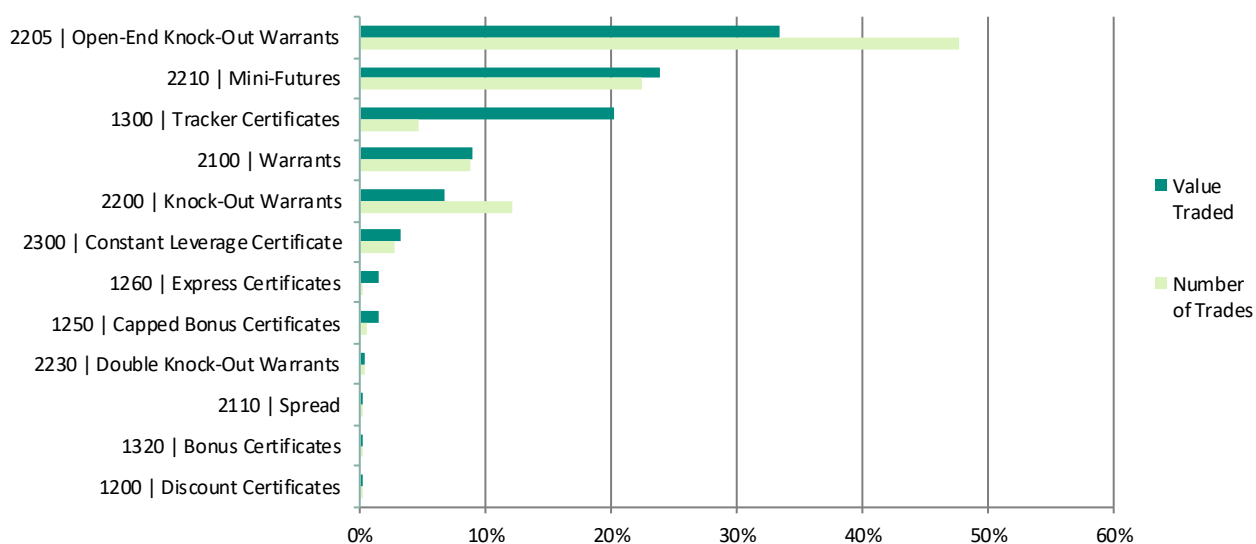
Market Overview

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	12,022	-7.3%	-1.5%	33.4%	5,353	-7.4%	-11.9%	47.8%
2210 Mini-Futures	8,583	-3.2%	0.8%	23.8%	2,524	-17.5%	-8.7%	22.5%
1300 Tracker Certificates	7,268	31%	39%	20.2%	527	16.8%	33%	4.7%
2100 Warrants	3,257	-14.7%	-35%	9.0%	989	-24%	-22%	8.8%
2200 Knock-Out Warrants	2,418	-21%	-28%	6.7%	1,357	-11.5%	-18.9%	12.1%
2300 Constant Leverage Certificate	1,175	-24%	-26%	3.3%	311	-31%	-32%	2.8%
1260 Express Certificates	538	57%	138%	1.5%	3.0	7.8%	140%	0.0%
1250 Capped Bonus Certificates	524	7.8%	3.1%	1.5%	67	1.1%	-4.1%	0.6%
2230 Double Knock-Out Warrants	126	-25%	-9.8%	0.4%	46	-17.9%	13.4%	0.4%
2110 Spread	75	-3.3%	85%	0.2%	20	3.9%	57%	0.2%
1320 Bonus Certificates	23	62%	131%	0.1%	5.5	274%	128%	0.0%
1200 Discount Certificates	1		8.4%	0.0%	0.1		-27%	0.0%
Total	36,009	-2.5%	-2.1%	100%	11,202	-12.0%	-12.2%	100%

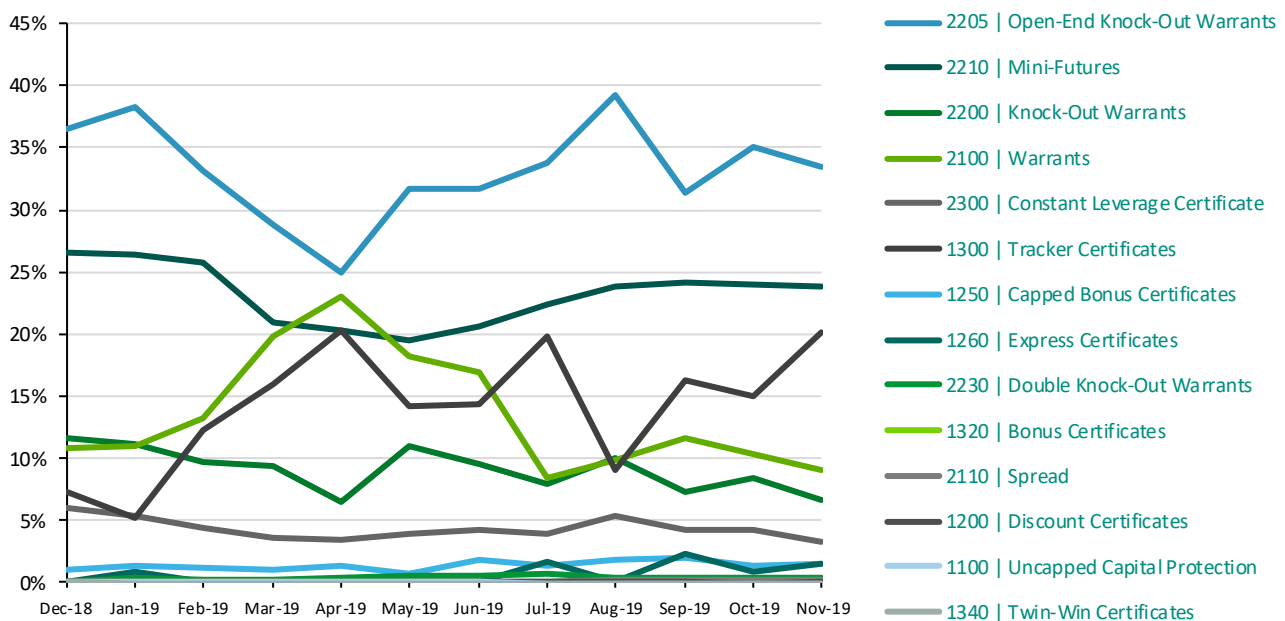
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

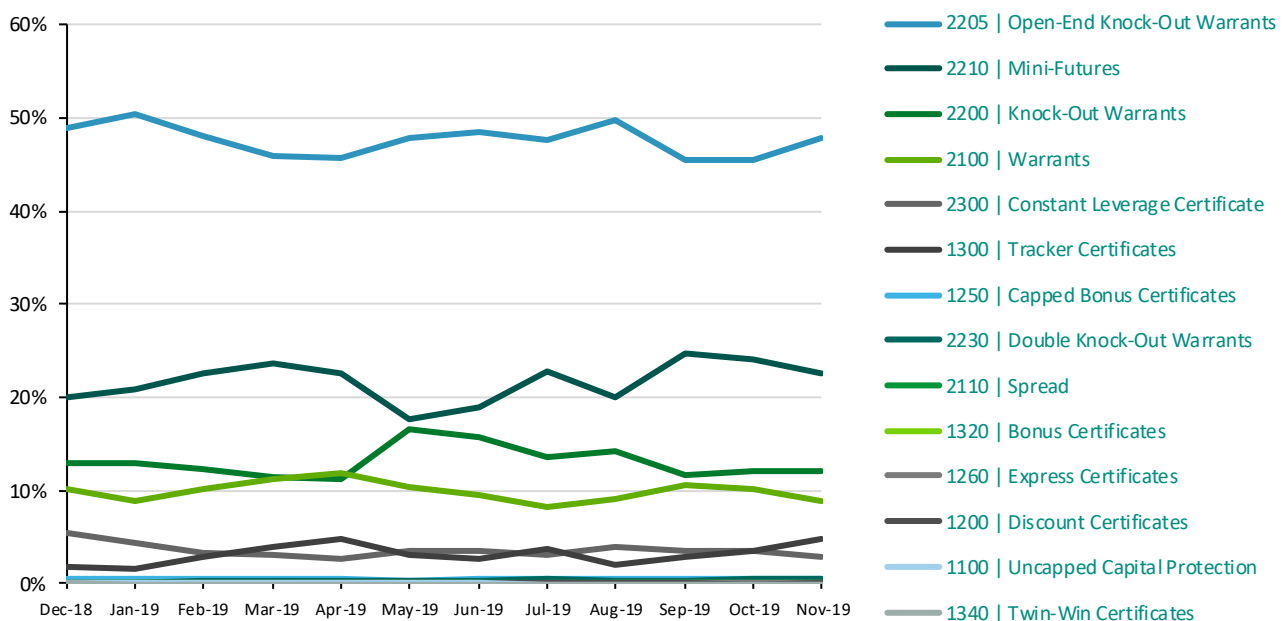
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

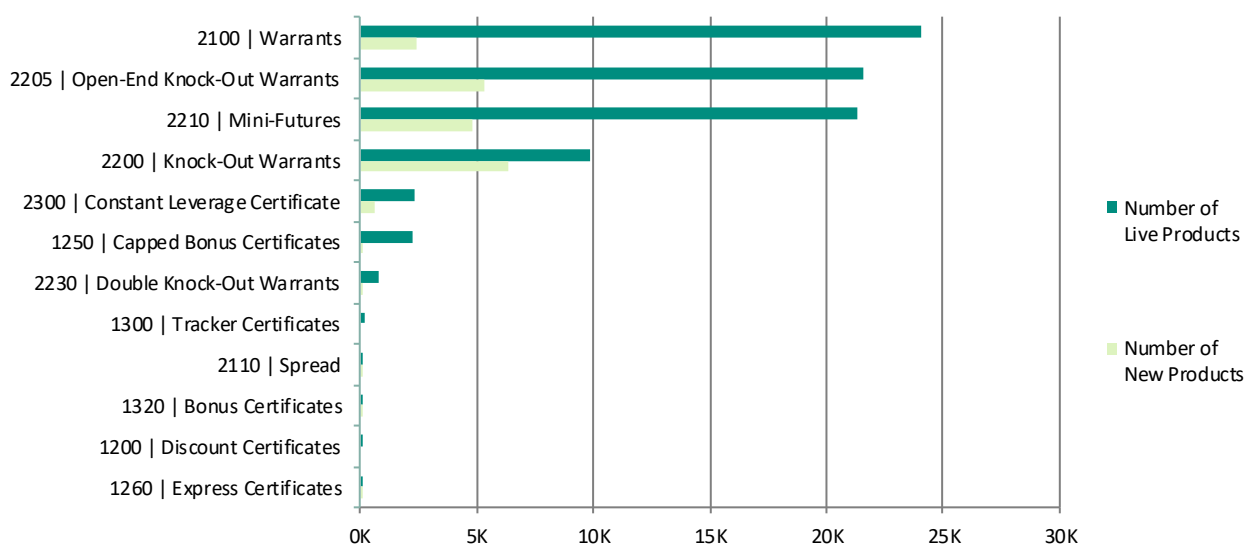
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	24,027	5.3%	-0.1%	29.1%	2,450	-2.5%	-39%	12.3%
2205 Open-End Knock-Out Warrants	21,546	6.0%	13.0%	26.1%	5,308	-22%	-8.6%	26.6%
2210 Mini-Futures	21,335	5.8%	12.5%	25.8%	4,840	-25%	-4.6%	24.3%
2200 Knock-Out Warrants	9,853	35%	12.8%	11.9%	6,391	-5.8%	1.8%	32.1%
2300 Constant Leverage Certificate	2,336	25%	58%	2.8%	661	73%	265%	3.3%
1250 Capped Bonus Certificates	2,284	7.1%	7.0%	2.8%	63	-79%	-78%	0.3%
2230 Double Knock-Out Warrants	765	-2.7%	20%	0.9%	156	-72%	-37%	0.8%
1300 Tracker Certificates	167	0.4%	-2.5%	0.2%	0		-100%	0.0%
2110 Spread	127	7.5%	21%	0.2%	39		87%	0.2%
1320 Bonus Certificates	122	21%	5.8%	0.1%	16	-41%	56%	0.1%
1200 Discount Certificates	44	14.6%	-29%	0.1%	0	-100%	-100%	0.0%
1260 Express Certificates	9	38%	162%	0.0%	2	-33%	167%	0.0%
Total	82,615	8.9%	9.4%	100%	19,926	-16.5%	-9.1%	100%

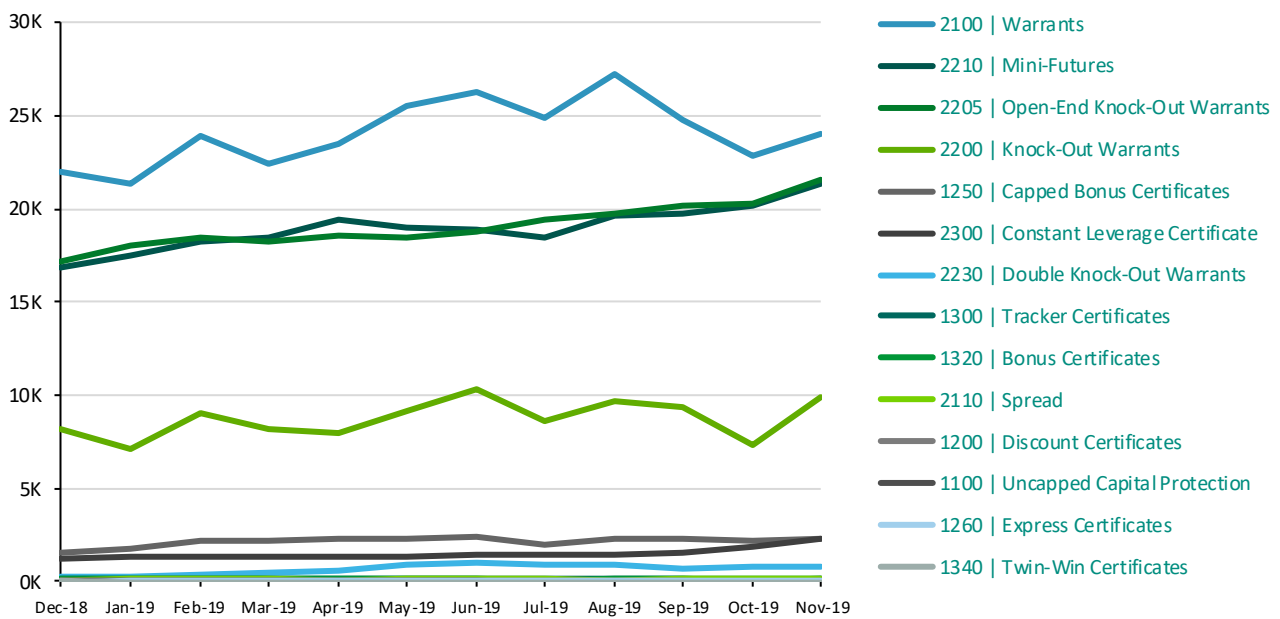
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

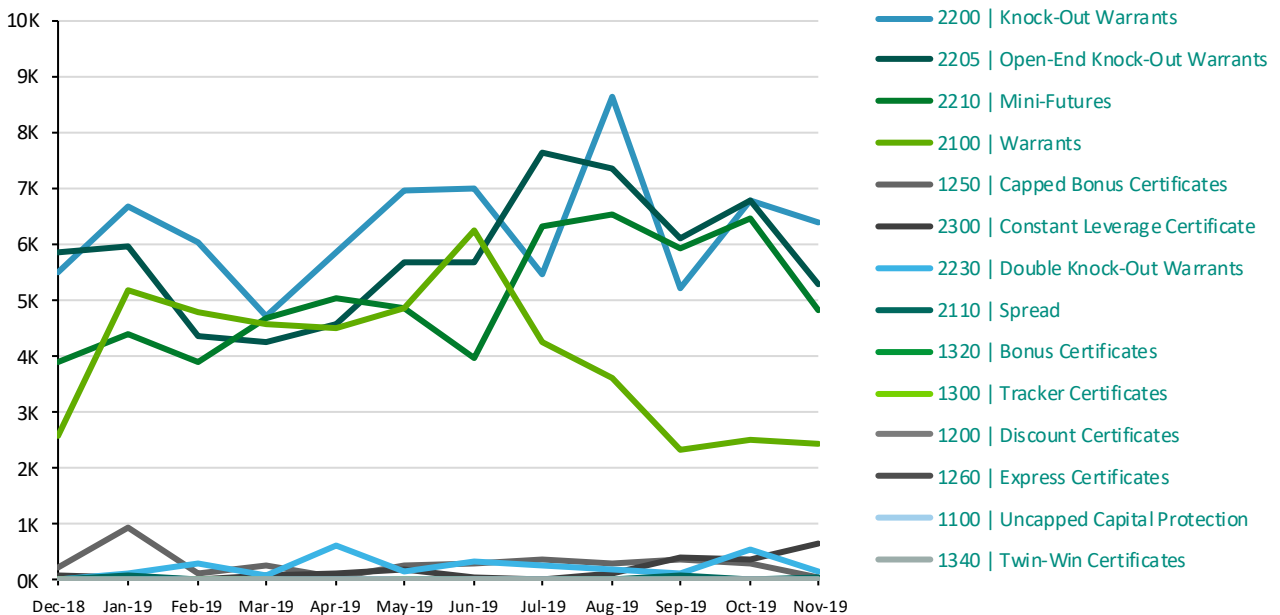
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

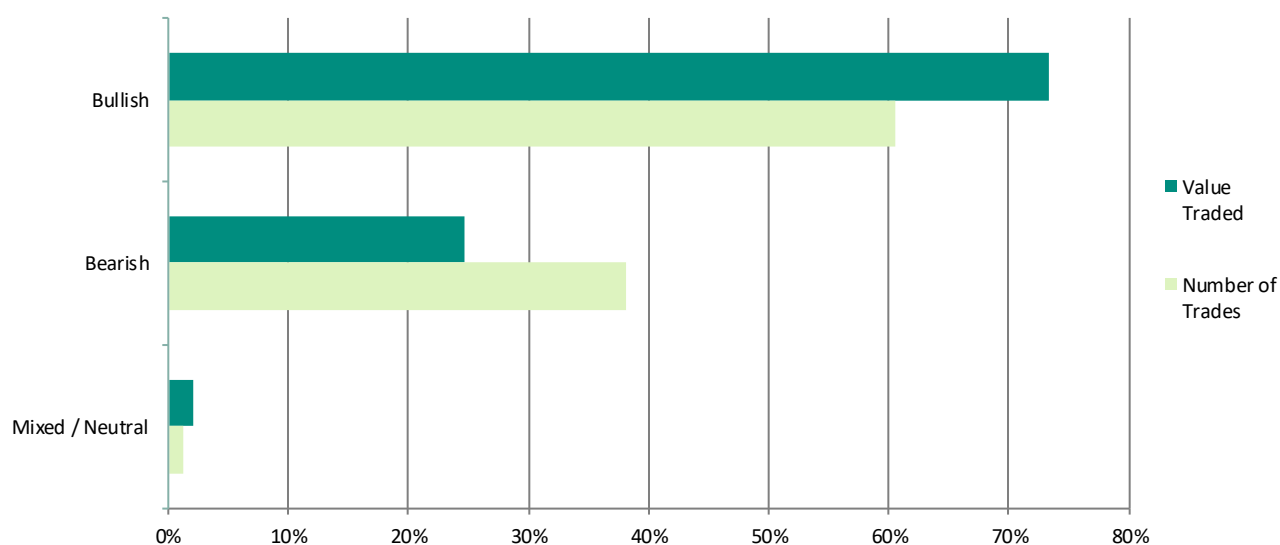
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	26,384	2.7%	2.8%	73.3%	6,791	-10.4%	-13.4%	60.6%
Bearish	8,897	-15.0%	-14.7%	24.7%	4,278	-14.5%	-10.7%	38.2%
Mixed / Neutral	728	-3.1%	4.6%	2.0%	133	-6.3%	7.1%	1.2%
Total	36,009	-2.5%	-2.1%	100%	11,202	-12.0%	-12.2%	100%

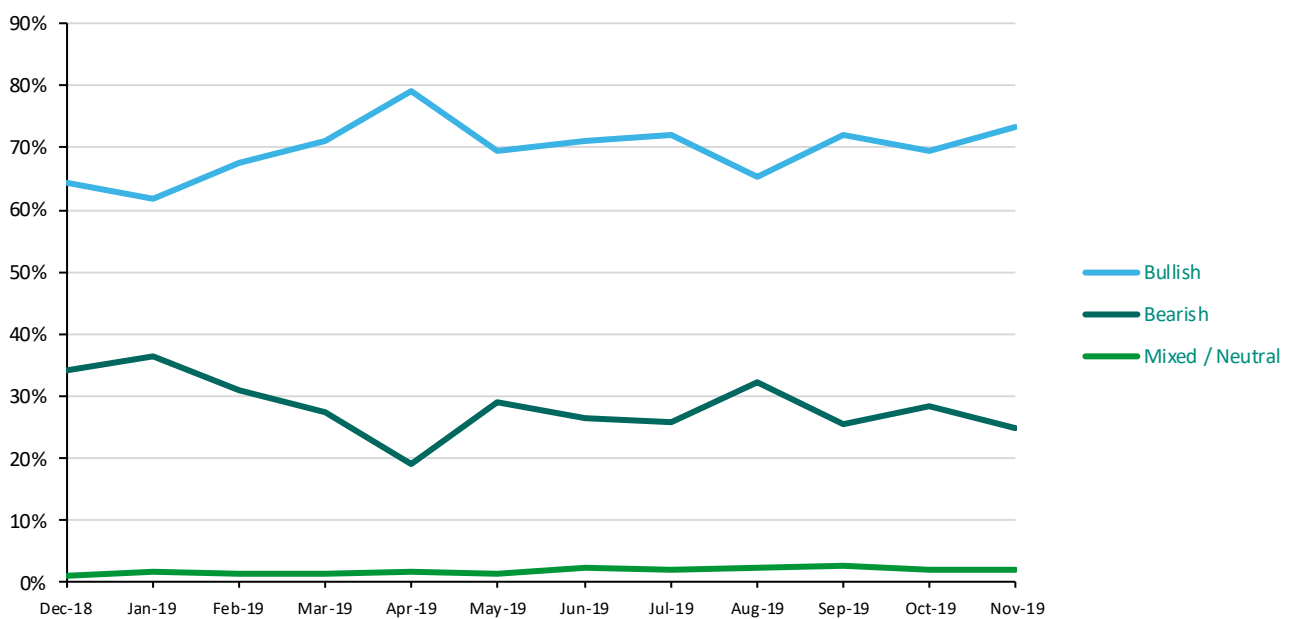
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PRODUCT STRATEGIES

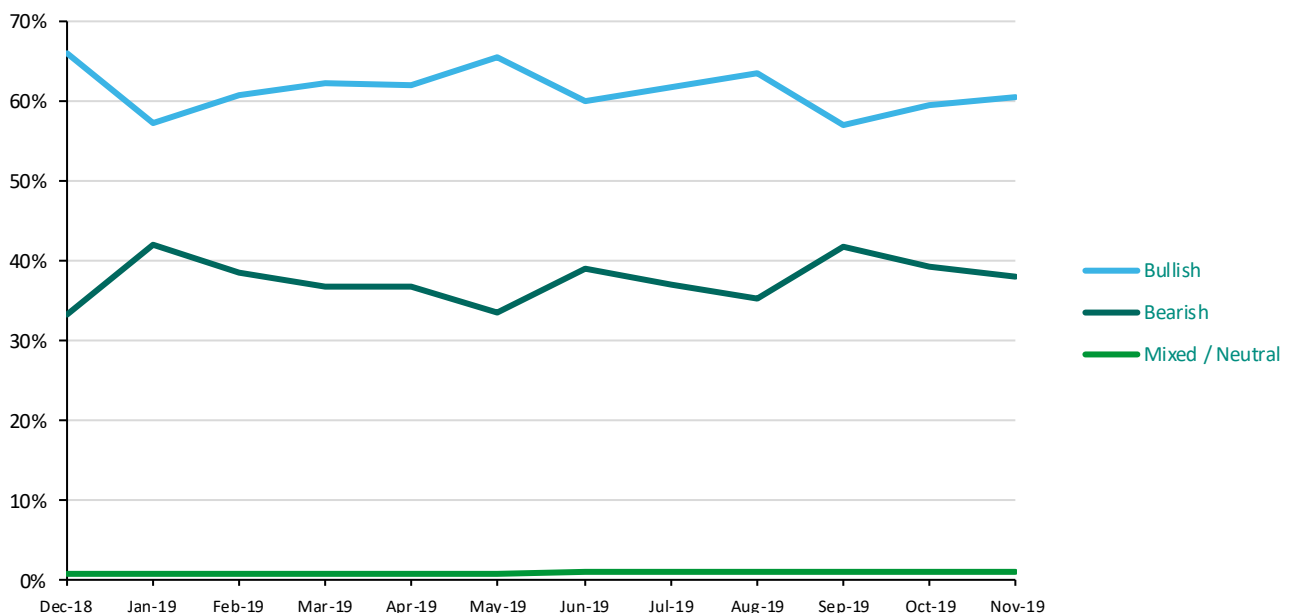
Market Trend: Value traded

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

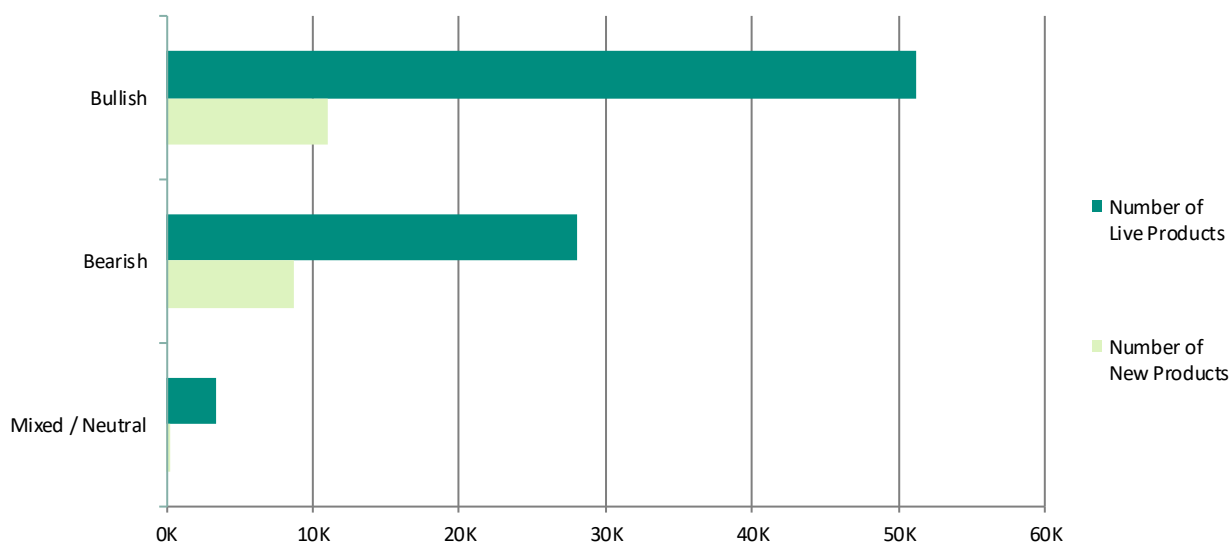
Product Overview

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	51,280	14.3%	17.1%	62.1%	11,037	-14.1%	-6.9%	55.4%
Bearish	28,018	0.8%	-2.3%	33.9%	8,631	-14.8%	-9.1%	43.3%
Mixed / Neutral	3,317	4.5%	9.0%	4.0%	258	-71%	-55%	1.3%
Total	82,615	8.9%	9.4%	100%	19,926	-16.5%	-9.1%	100%

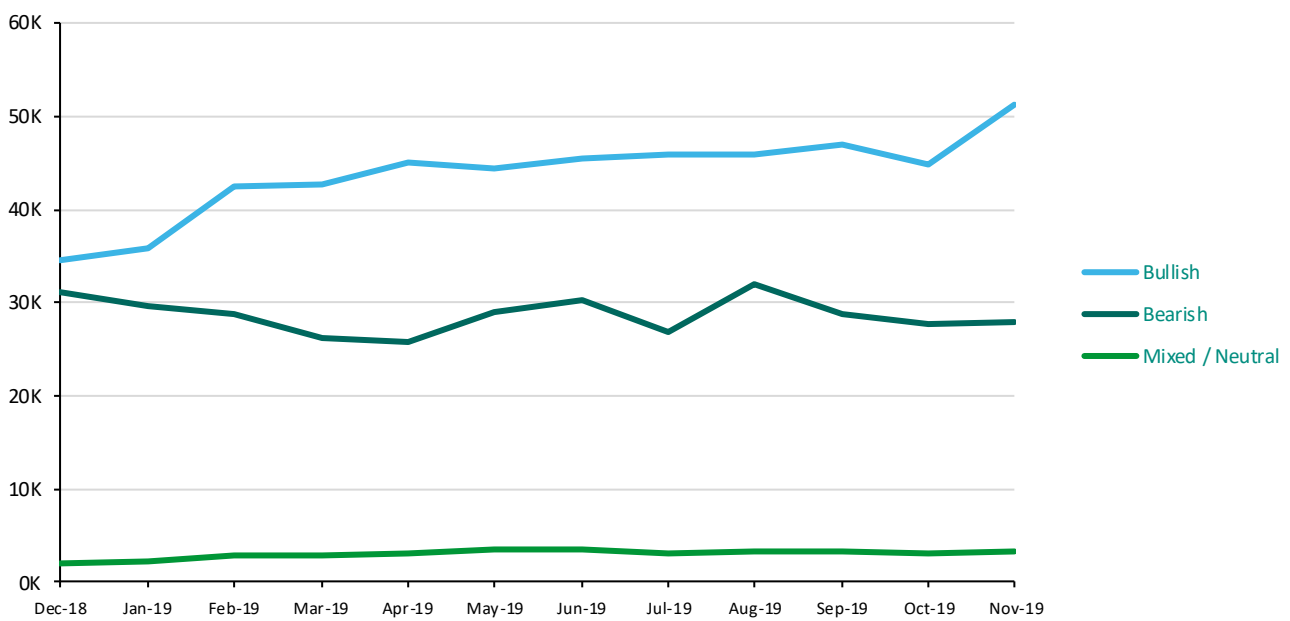
(Source Euronext)



PRODUCT STRATEGIES

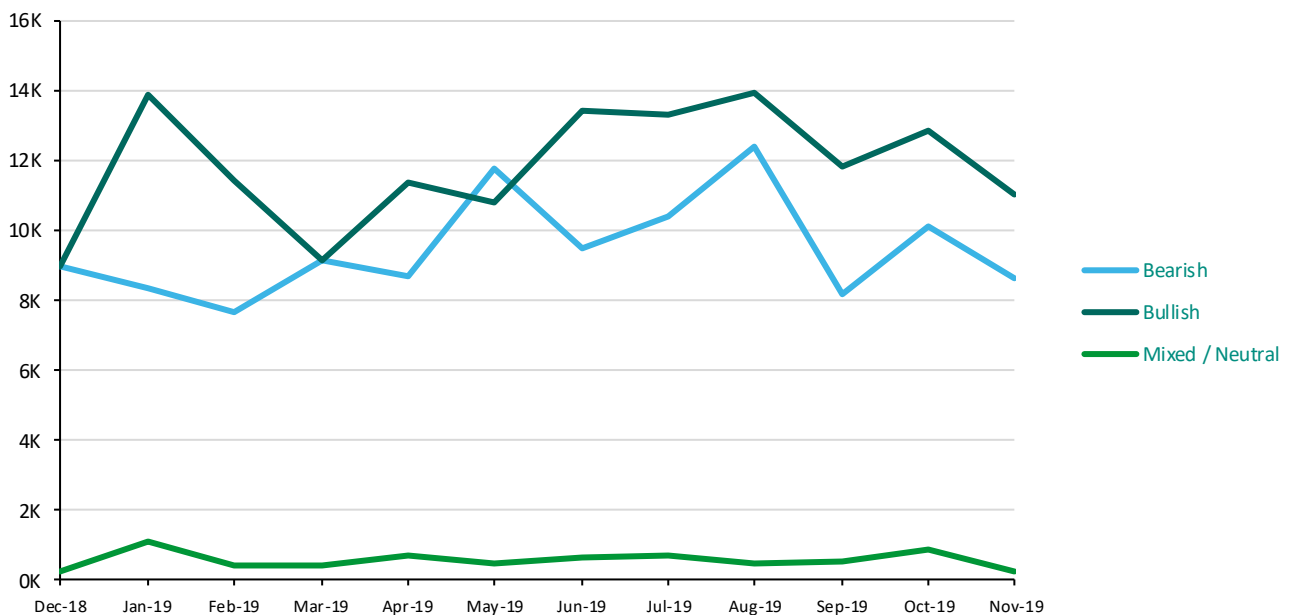
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

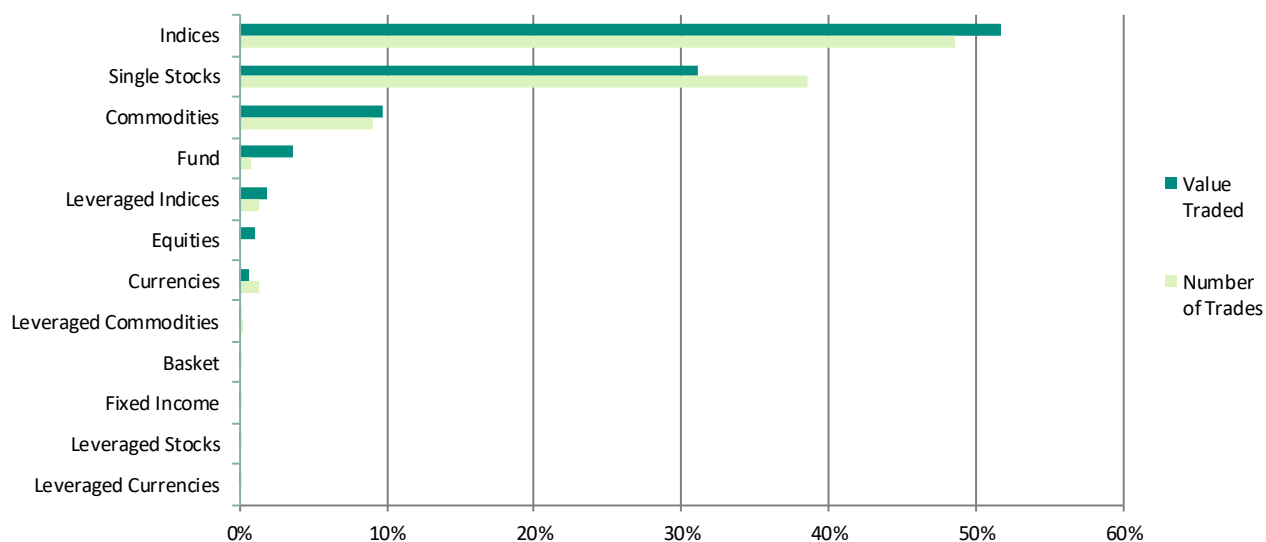
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	18,640	-3.6%	-8.2%	51.8%	5,438	-15.9%	-19.9%	48.5%
Single Stocks	11,186	11.1%	17.8%	31.1%	4,324	-4.1%	0.3%	38.6%
Commodities	3,491	-20%	27%	9.7%	1,015	-4.3%	6.1%	9.1%
Fund	1,288	-6.9%	-47%	3.6%	89	-54.4%	-49.9%	0.8%
Leveraged Indices	662	-34%	-30%	1.8%	141	-39.6%	-40.5%	1.3%
Equities	362	46%	190%	1.0%	1.9	-15.8%	-82.0%	0.0%
Currencies	236	-36%	-59%	0.7%	141	-27.9%	-32.9%	1.3%
Leveraged Commodities	49	13.1%	-5.3%	0.1%	25	-24.2%	4.2%	0.2%
Basket	37	-41%	19.3%	0.1%	2.2	-18.7%	-8.3%	0.0%
Fixed Income	34	68%	-28%	0.1%	17	25.0%	-39.2%	0.1%
Leveraged Stocks	21	65%	36%	0.1%	6.7	-40.1%	-29.1%	0.1%
Leveraged Currencies	3	-5.8%	173%	0.0%	0.4	-24.2%	70.1%	0.0%
Total	36,009	-2.5%	-2.1%	100%	11,202	-12.0%	-12.2%	100%

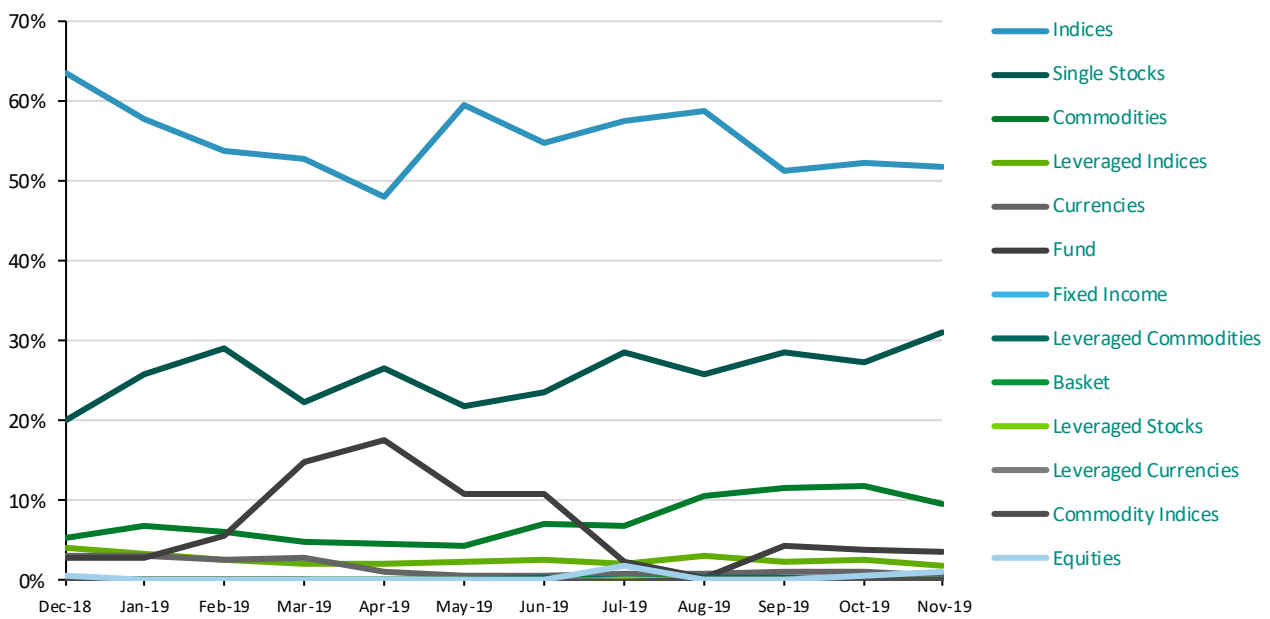
(Source Euronext)



UNDERLYING TYPES

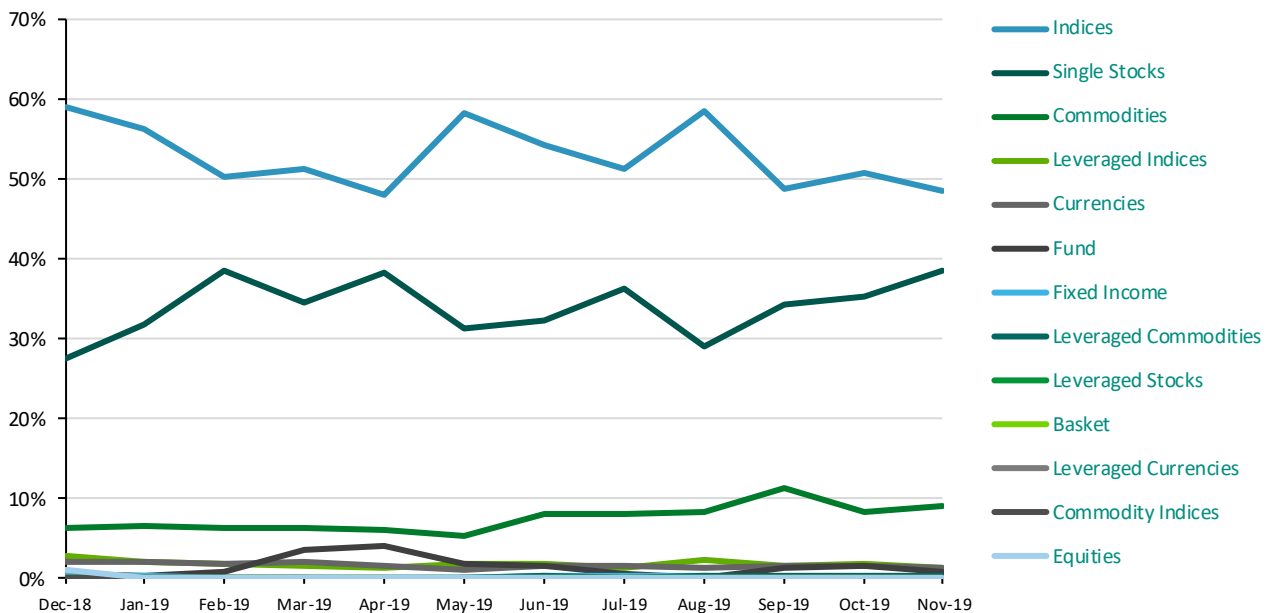
Market Trend: Value traded

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

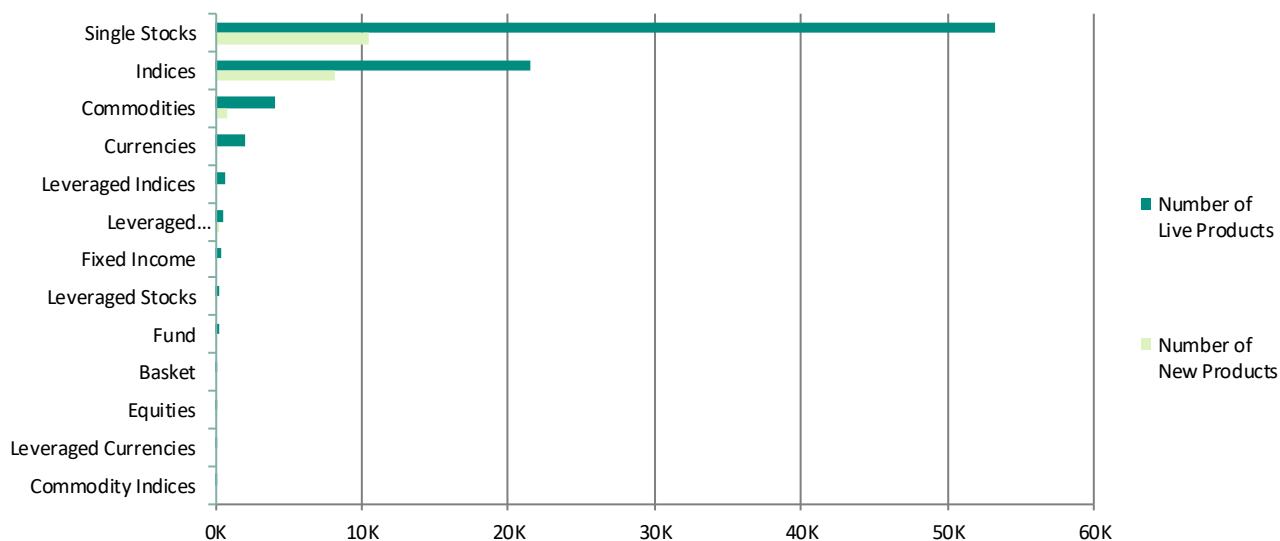
Product Overview

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	53,214	7.4%	10.5%	64.4%	10,413	-20%	-15.6%	52.3%
Indices	21,455	13.5%	6.3%	26.0%	8,163	-11.1%	0.8%	41.0%
Commodities	4,009	2.3%	9.0%	4.9%	748	-21%	-23%	3.8%
Currencies	2,002	3.4%	-10.6%	2.4%	165	-32%	-56%	0.8%
Leveraged Indices	584	27%	50%	0.7%	155	24%	363%	0.8%
Leveraged Commodities	536	78%	221%	0.6%	206	-8.4%	288%	1.0%
Fixed Income	356	2.3%	10.7%	0.4%	24	50%	-18.6%	0.1%
Leveraged Stocks	244	11.2%	45%	0.3%	46	53%	171%	0.2%
Fund	178	1.0%	11.3%	0.2%	5	0.0%	-3.2%	0.0%
Basket	18	0.7%	-1.0%	0.0%	0			0.0%
Equities	9	12.0%	-81%	0.0%	1	-50%	9.1%	0.0%
Leveraged Currencies	8	0.0%	-1.5%	0.0%	0			0.0%
Commodity Indices	1	0.0%	-14.6%	0.0%	0			0.0%
Total	82,615	8.9%	9.4%	100%	19,926	-16.5%	-9.1%	100%

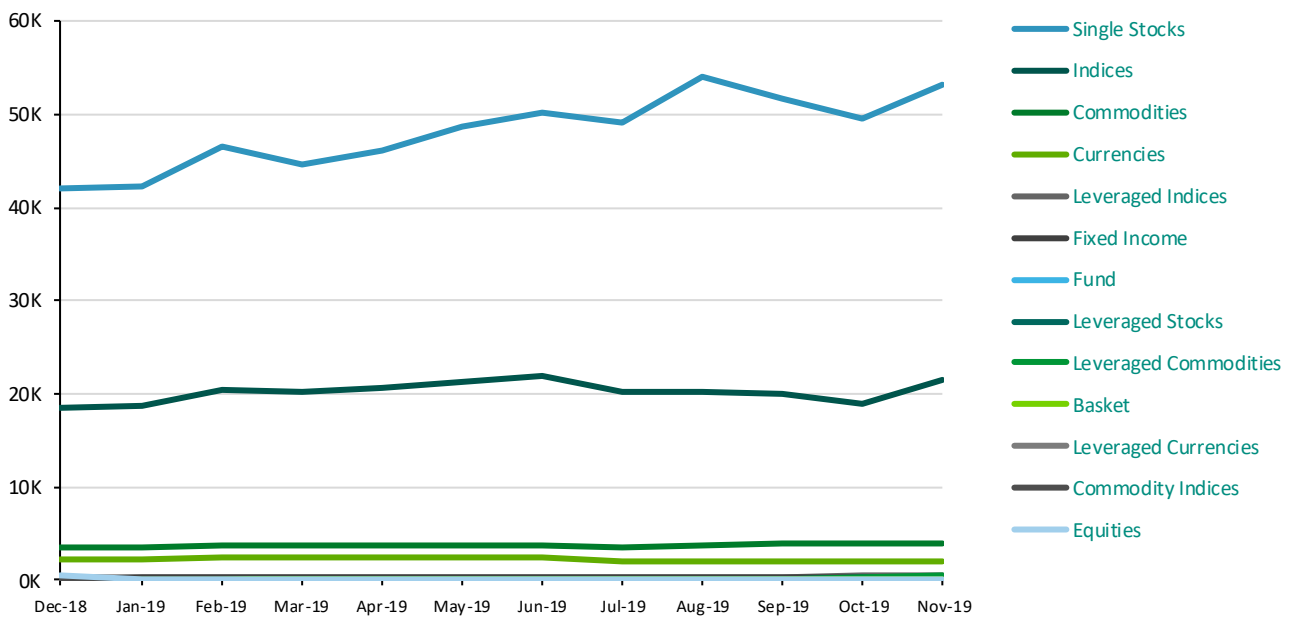
(Source Euronext)



UNDERLYING TYPES

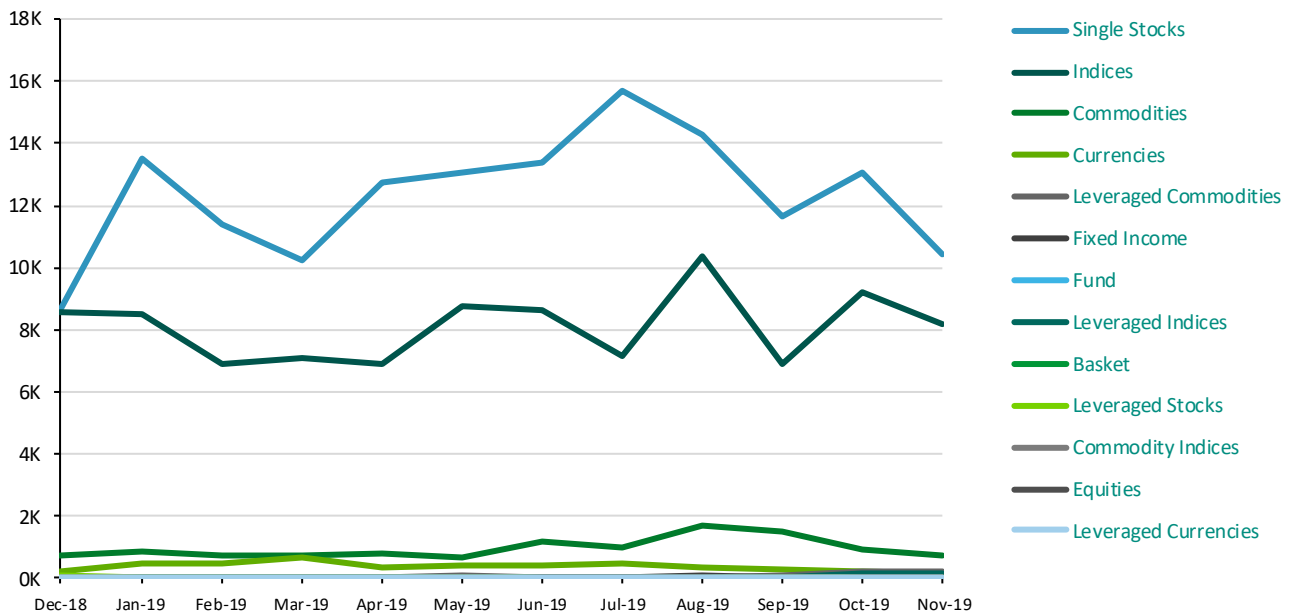
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

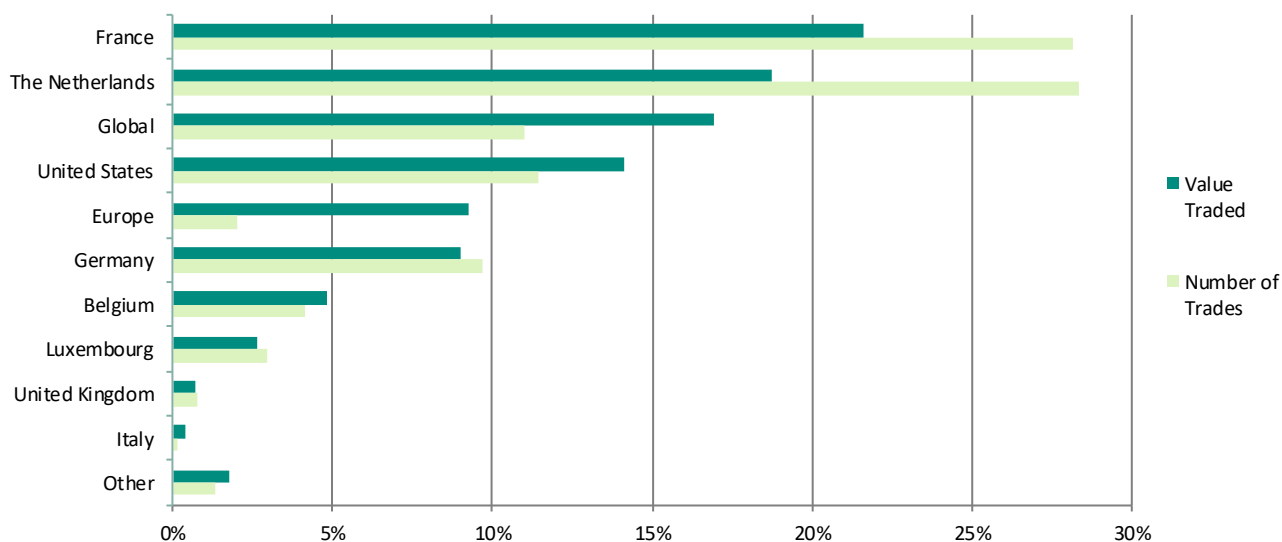
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	7,796	-18.2%	-6.4%	21.6%	3,156	-19.2%	-10.9%	28.2%
The Netherlands	6,758	-7.9%	-22%	18.8%	3,180	-10.8%	-19.3%	28.4%
Global	6,101	-6.4%	27%	16.9%	1,235	-1.8%	9.8%	11.0%
United States	5,080	7.5%	-8.0%	14.1%	1,284	-11.1%	-16.7%	11.5%
Europe	3,333	14.3%	-10.8%	9.3%	222	-31%	-26%	2.0%
Germany	3,248	7.3%	-2.1%	9.0%	1,088	-14.2%	-23%	9.7%
Belgium	1,735	24%	38%	4.8%	463	6.4%	12.5%	4.1%
Luxembourg	937	38%	84%	2.6%	329	16.0%	32%	2.9%
United Kingdom	239	7.8%	18.4%	0.7%	83	5.1%	8.0%	0.7%
Italy	144	73%	215%	0.4%	13	15.2%	30%	0.1%
Other	638	32%	43%	1.8%	150	-4.5%	3.6%	1.3%
Total	36,009	-2.5%	-2.1%	100%	11,202	-12.0%	-12.2%	100%

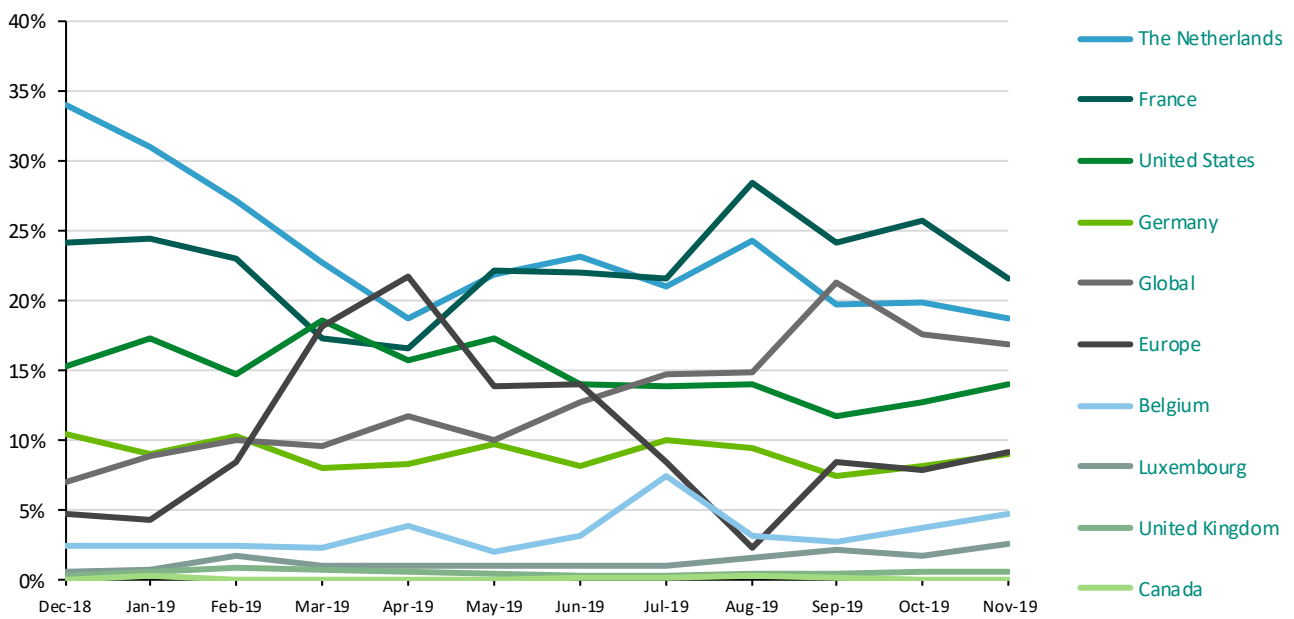
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

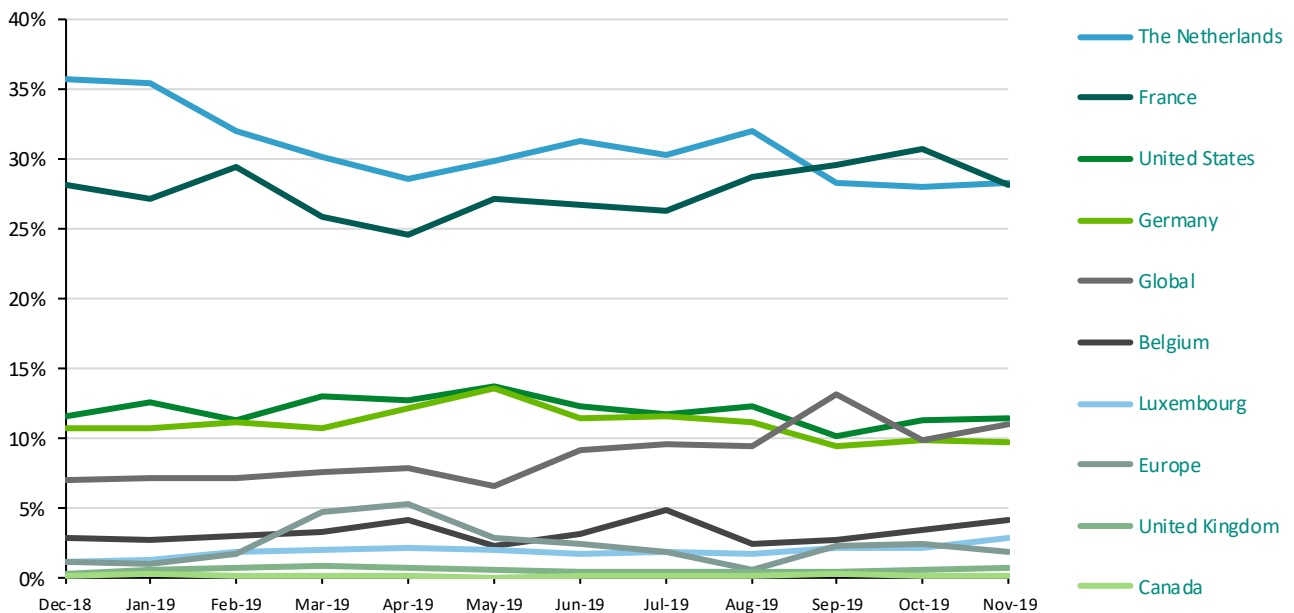
Market Trend: Value traded

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

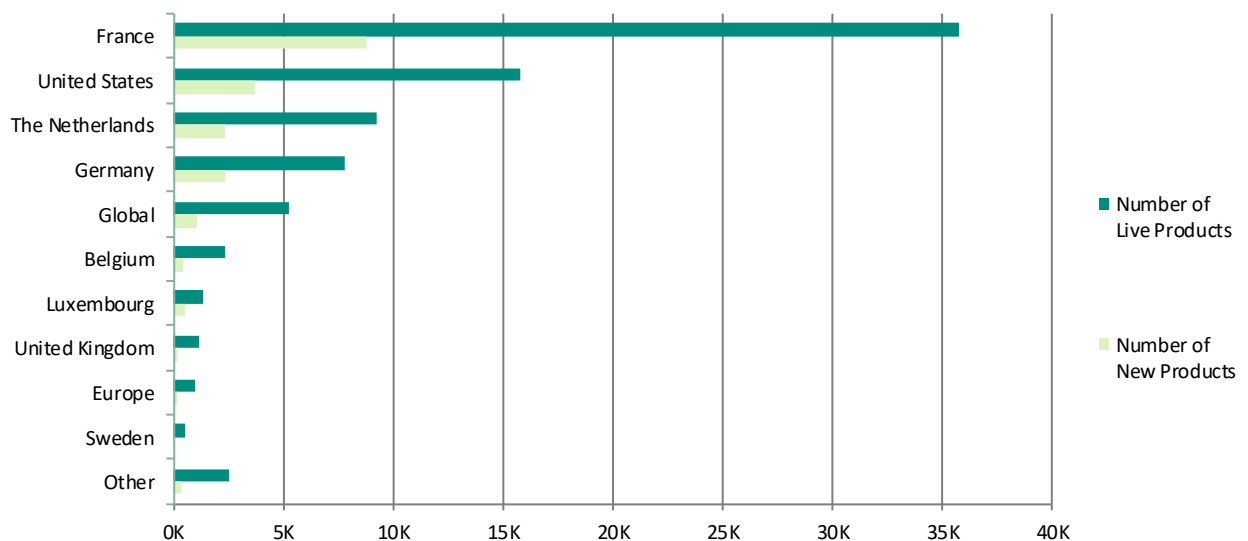
Product Overview

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	35,790	8.5%	3.6%	43.3%	8,770	-20%	-15.1%	44.0%
United States	15,794	9.4%	13.0%	19.1%	3,722	-6.8%	-13.3%	18.7%
The Netherlands	9,272	9.4%	14.8%	11.2%	2,352	-18.6%	6.0%	11.8%
Germany	7,747	15.6%	23%	9.4%	2,367	-15.4%	9.1%	11.9%
Global	5,266	7.4%	17.2%	6.4%	1,024	-18.9%	-8.7%	5.1%
Belgium	2,321	5.2%	18.1%	2.8%	430	-14.9%	-3.5%	2.2%
Luxembourg	1,305	9.9%	6.4%	1.6%	491	4.9%	5.5%	2.5%
United Kingdom	1,132	3.7%	4.9%	1.4%	169	-1.7%	-21%	0.8%
Europe	960	4.4%	-3.7%	1.2%	124	-25%	-23%	0.6%
Sweden	480	6.4%	6.8%	0.6%	106	-47%	-8.6%	0.5%
Other	2,548	3.2%	5.4%	3.1%	371	-2.9%	-4.0%	1.9%
Total	82,615	8.9%	9.4%	100%	19,926	-16.5%	-9.1%	100%

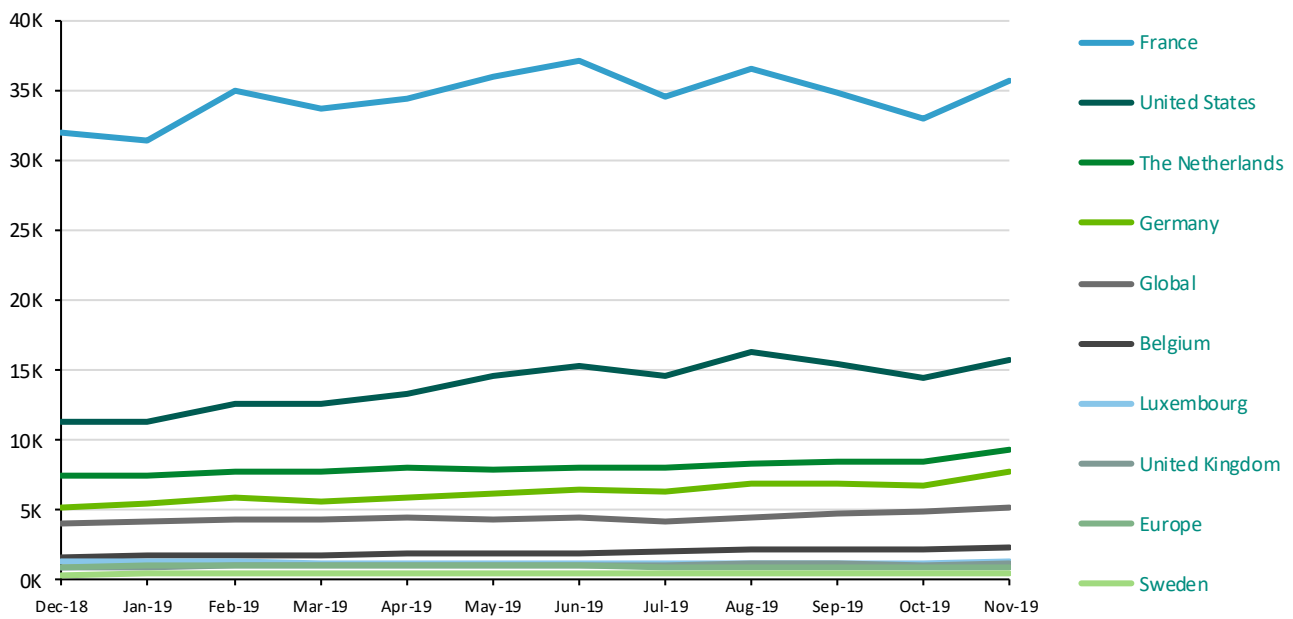
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

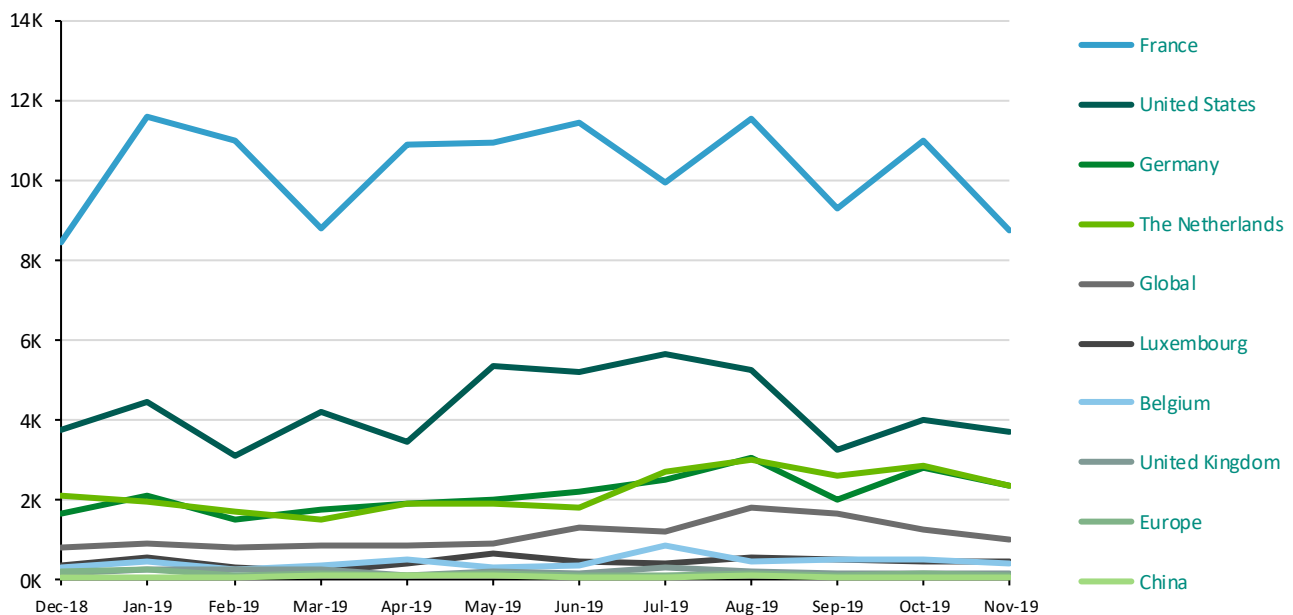
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

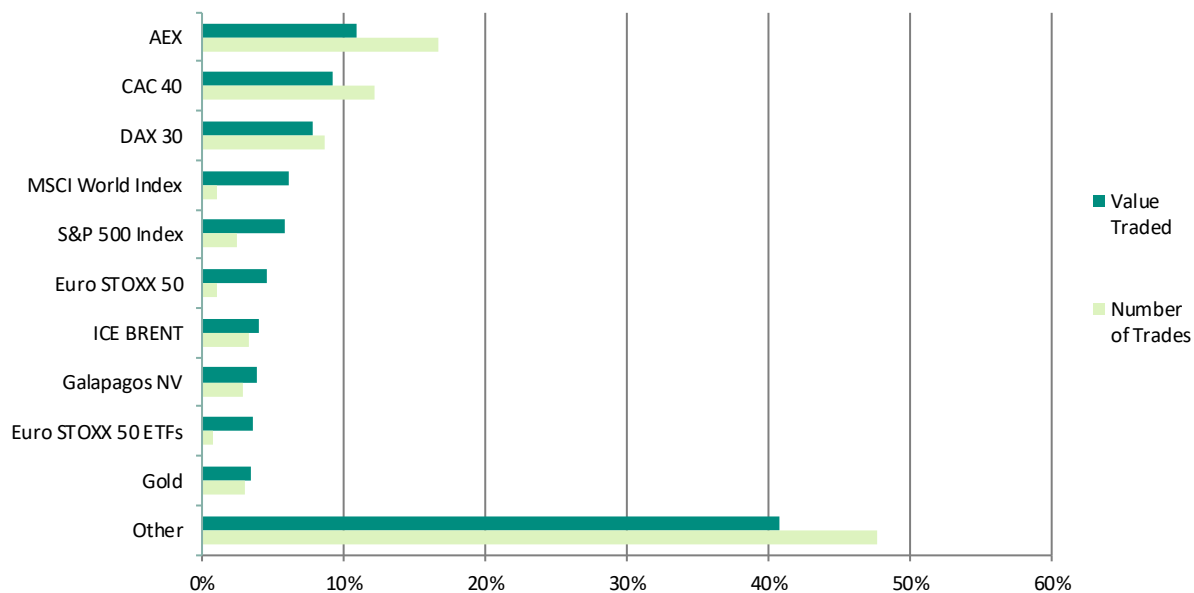
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	3,928	-13.0%	-34%	10.9%	1,873	-16.4%	-27.8%	16.7%
CAC 40	3,309	-29%	-12.8%	9.2%	1,368	-23%	-14.5%	12.2%
DAX 30	2,838	3.8%	-5.6%	7.9%	975	-15.0%	-23%	8.7%
MSCI World Index	2,201	33%	37%	6.1%	117	33%	55%	1.0%
S&P 500 Index	2,078	17.0%	21%	5.8%	270	-5.1%	8.2%	2.4%
Euro STOXX 50	1,633	37%	42%	4.5%	124	11.2%	12.4%	1.1%
ICE BRENT	1,437	101%	123%	4.0%	375	39%	30%	3.4%
Galapagos NV	1,375	41%	59%	3.8%	321	16.8%	37%	2.9%
Euro STOXX 50 ETFs	1,286	-6.9%	-47%	3.6%	89	-54%	-50%	0.8%
Gold	1,220	-58%	-0.7%	3.4%	342	-24%	5.5%	3.1%
Other	14,704	2.1%	2.2%	40.8%	5,347	-9.3%	-8.4%	47.7%
Total	36,009	-2.5%	-2.1%	100%	11,202	-12.0%	-12.2%	100%

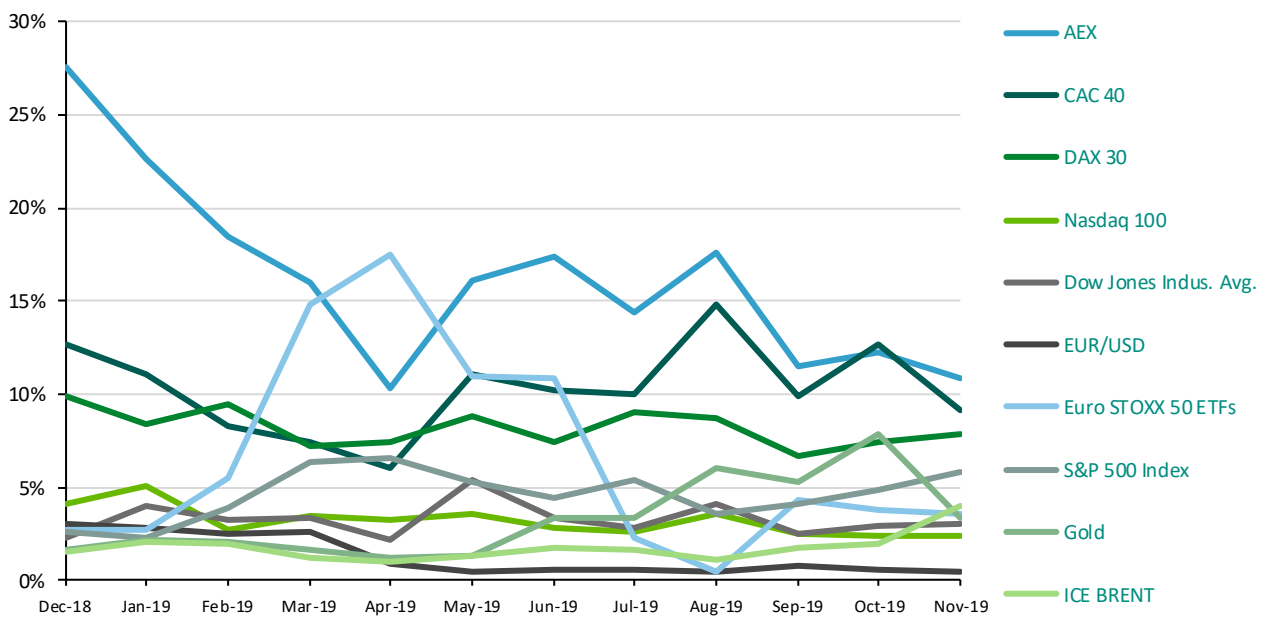
(Source Euronext)



TOP 10 UNDERLYINGS

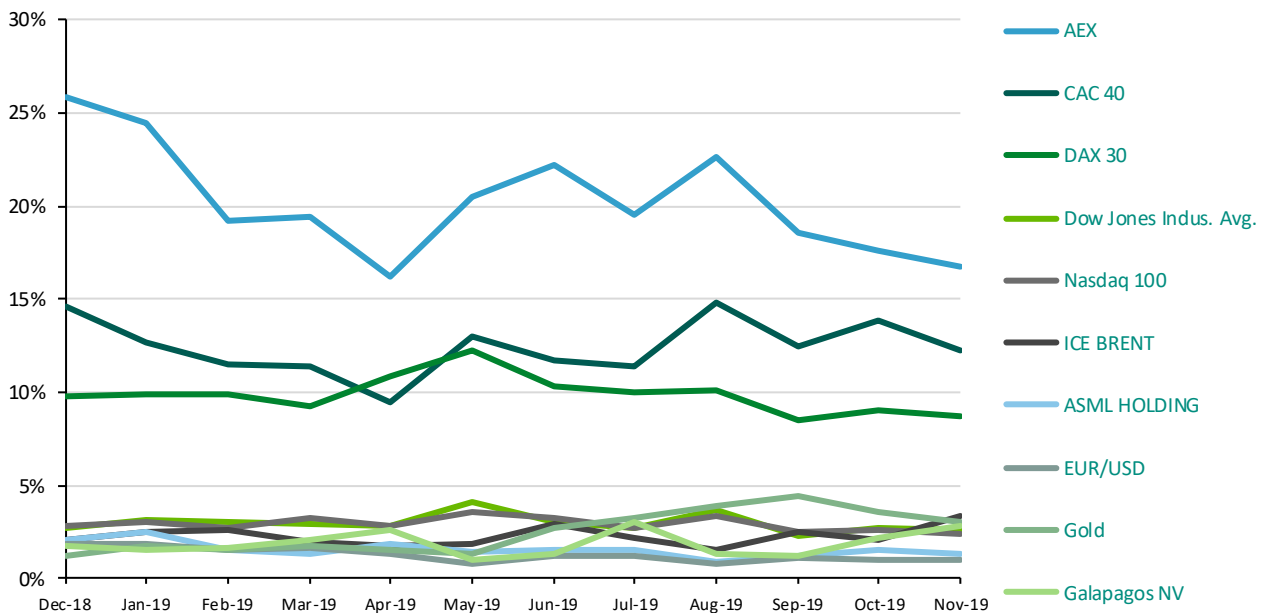
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

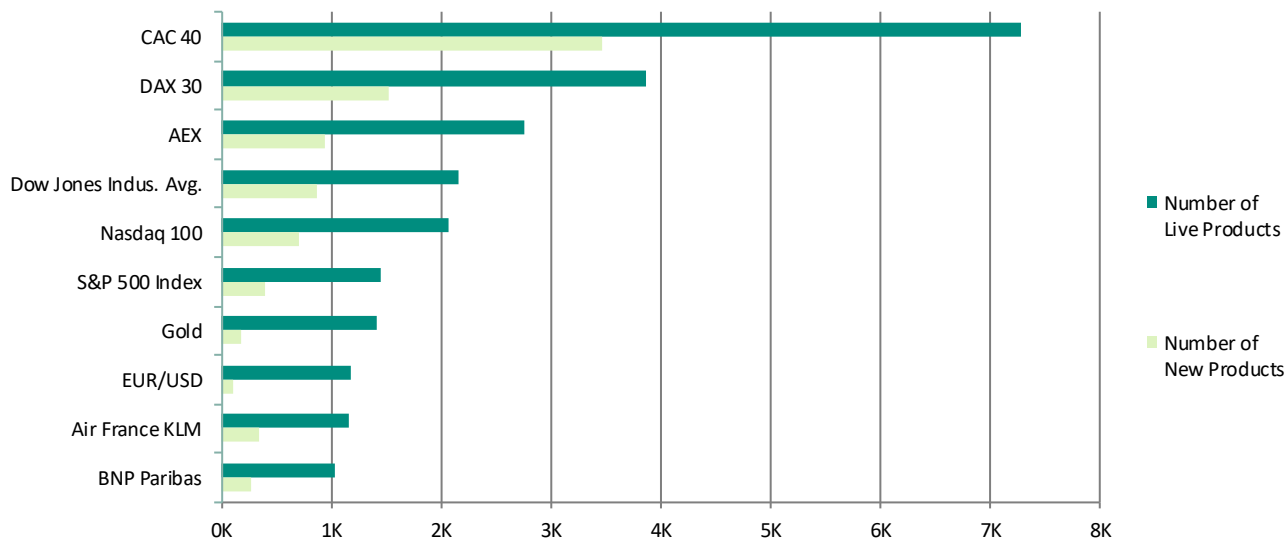
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	7,280	9.4%	3.9%	8.8%	3,459	-20%	-4.3%	17.4%
DAX 30	3,866	22%	15.7%	4.7%	1,527	-5.3%	14.7%	7.7%
AEX	2,758	15.9%	9.4%	3.3%	944	-15.6%	11.1%	4.7%
Dow Jones Indus. Avg.	2,152	18.2%	3.7%	2.6%	874	16.4%	4.4%	4.4%
Nasdaq 100	2,072	14.9%	9.2%	2.5%	711	6.6%	-5.8%	3.6%
S&P 500 Index	1,457	12.5%	-0.7%	1.8%	399	10.2%	-5.4%	2.0%
Gold	1,420	5.3%	12.7%	1.7%	183	-21%	-35%	0.9%
EUR/USD	1,173	5.2%	-9.1%	1.4%	110	-37%	-51%	0.6%
Air France KLM	1,160	5.4%	-2.6%	1.4%	338	-10.6%	-20%	1.7%
BNP Paribas	1,025	12.5%	1.9%	1.2%	265	-24%	-5.7%	1.3%
Other	58,252	7.4%	11.0%	70.5%	11,116	-19.8%	-13.8%	55.8%
Total	82,615	8.9%	9.4%	100%	19,926	-16.5%	-9.1%	100%

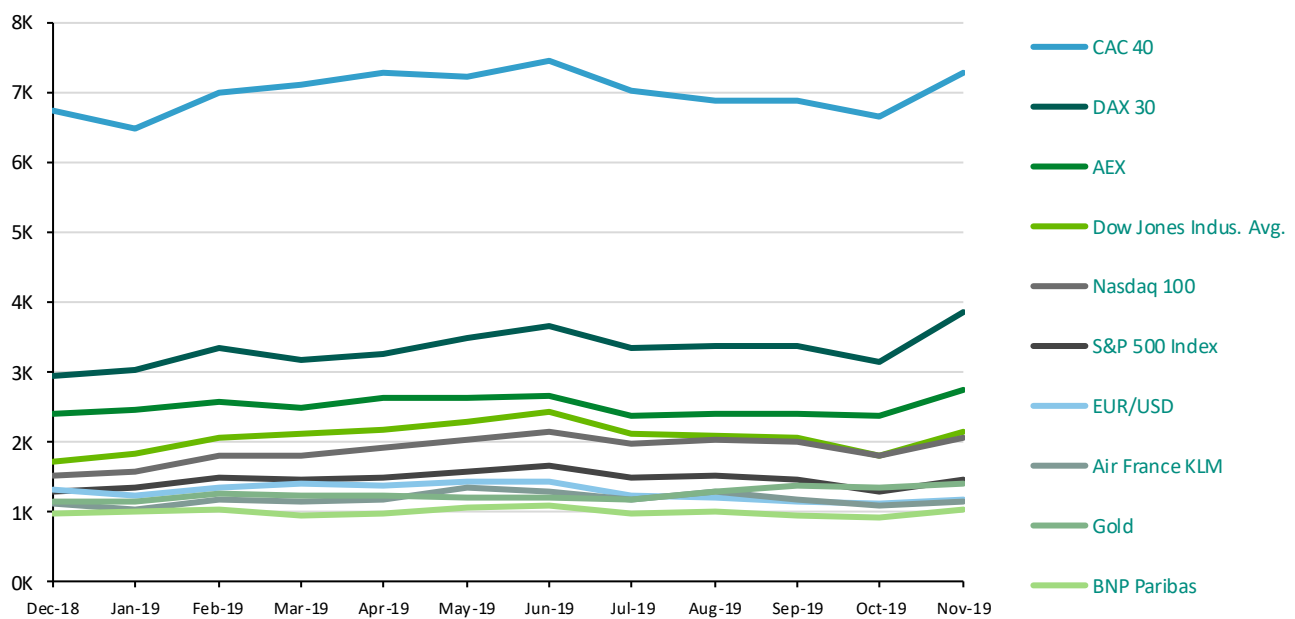
(Source Euronext)



TOP 10 UNDERLYINGS

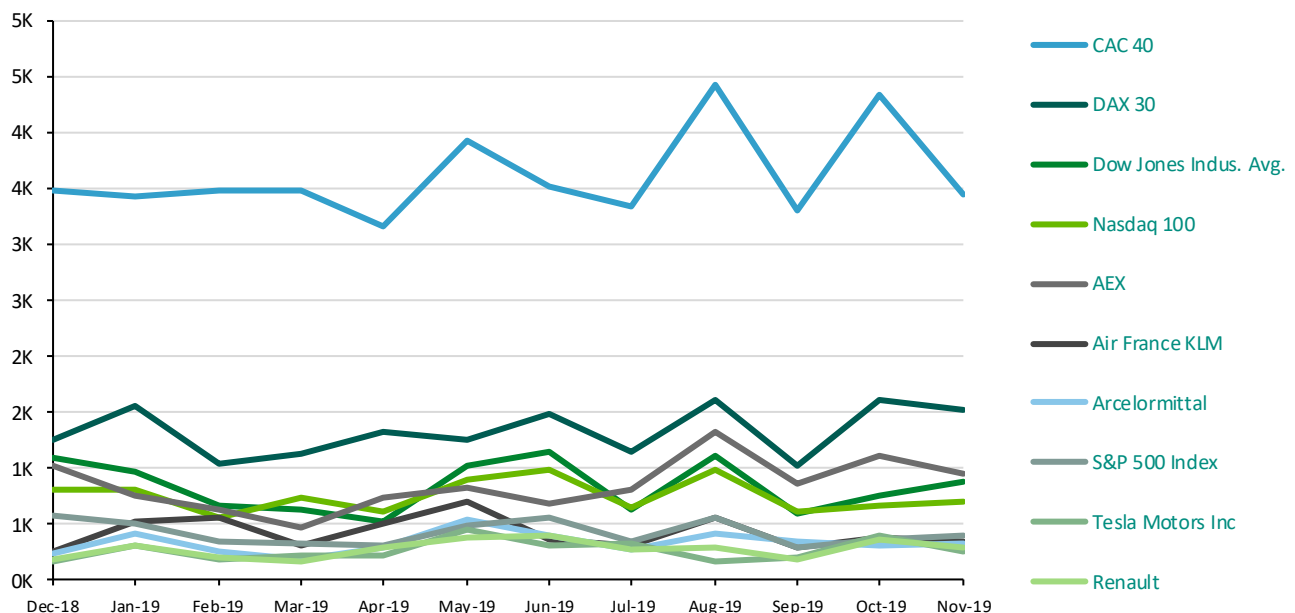
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	46,214	2,463
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	28,790	2,108
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	27,557	1,626
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	12,174	1,150
NL0013678535	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	8,045	17
LU2076204168	KBC	1260	Express Certificates	EURO STOXX 30 SELECT DIVIDEN	7,600	40
NL0012969166	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	7,316	50
NL0013967169	BNP Paribas	2205	Open-End Knock-Out Warrants	ICE BRENT	7,302	1,401
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,063	468
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	4,832	107
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	4,511	223
DE000VF6XJM2	Vontobel	2205	Open-End Knock-Out Warrants	Gold	4,271	137
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	3,874	328
LU2076203780	KBC	1260	Express Certificates	Euro STOXX 50	3,700	23
NL0013608847	Goldman Sachs	2210	Mini-Futures	OCI NV	3,480	30
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	2,641	301
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	2,520	254
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	2,427	310
DE000CJ83GT5	Commerzbank	2300	Constant Leverage Certificate	Arcelormittal	2,359	46
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	2,345	348
DE000CJ3MNN9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	2,254	187
NL0013886740	ING	2205	Open-End Knock-Out Warrants	ICE BRENT	2,212	523
NL0013990112	BNP Paribas	2210	Mini-Futures	ICE BRENT	2,210	75
NL0013771579	ING	2100	Warrants	Euro STOXX 50 ETFs	2,028	297
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	1,993	274
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	1,991	372
NL0013576317	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,862	227
NL0013614837	Goldman Sachs	2210	Mini-Futures	Allice	1,805	55
DE000CU6HJU2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,776	346
NL0011796461	BNP Paribas	2210	Mini-Futures	Arcelormittal	1,763	305
DE000VE138A8	Vontobel	2200	Knock-Out Warrants	ASML HOLDING	1,712	58
NL0013984131	BNP Paribas	2205	Open-End Knock-Out Warrants	ICE BRENT	1,635	181
NL0013968084	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	1,627	537
DE000CU6HET5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	1,621	921
DE000CU6HNS8	Commerzbank	2210	Mini-Futures	ICE BRENT	1,611	357
FR0013408291	Commerzbank	1250	Capped Bonus Certificates	Vallourec	1,598	29
NL0013969488	BNP Paribas	2210	Mini-Futures	ICE BRENT	1,596	77
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	1,552	300
NL0013588791	BNP Paribas	2210	Mini-Futures	Gold	1,544	124
NL0013003817	BNP Paribas	2210	Mini-Futures	AEX	1,542	233
LU1937802616	Société Générale	2210	Mini-Futures	CAC 40	1,518	741
NL0014041766	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,493	229
NL0013985518	BNP Paribas	2205	Open-End Knock-Out Warrants	DAX 30	1,458	20
NL0013979792	BNP Paribas	2210	Mini-Futures	AEX	1,447	24
FRBNPP017N65	BNP Paribas	2210	Mini-Futures	CAC 40	1,435	33
NL0013003825	BNP Paribas	2210	Mini-Futures	AEX	1,386	252
DE000CJ3MNNK7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,373	349
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	1,370	183
DE000VE1DNC9	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,342	64
DE000VE1UKB1	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	1,341	206

(Source Euronext)



Euronext Amsterdam

ISSUERS

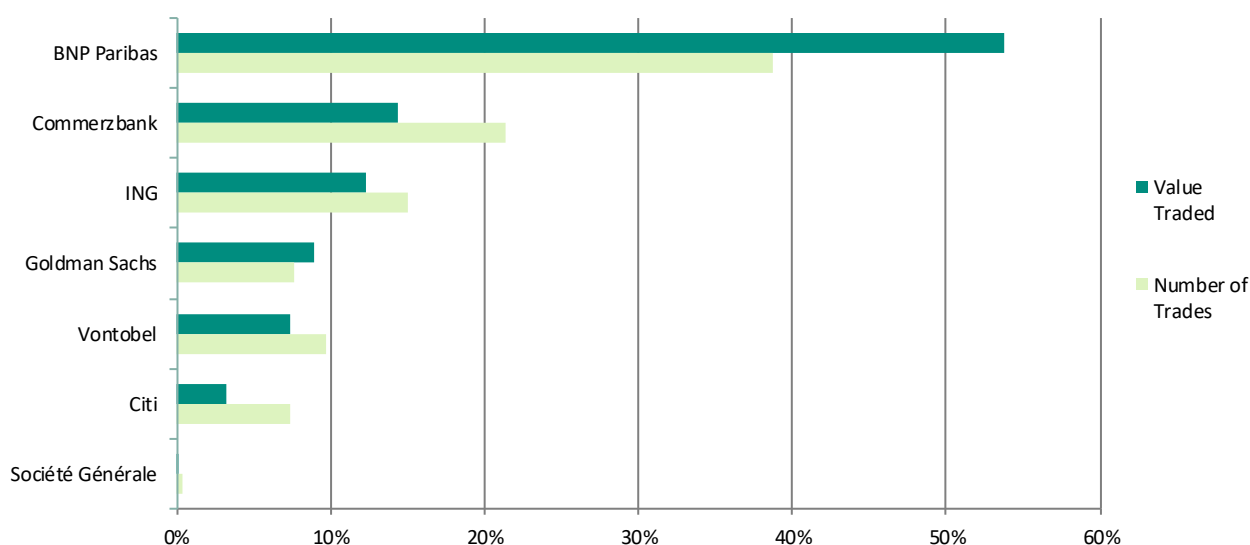
Market Overview

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	8,892	-1.0%	2.2%	53.8%	2,338	-19.7%	-10.9%	38.7%
Commerzbank	2,367	11.3%	5.2%	14.3%	1,293	17.8%	1.3%	21.4%
ING	2,020	-17.5%	-30%	12.2%	906	-11.9%	-13.2%	15.0%
Goldman Sachs	1,472	-12.5%	-45%	8.9%	457	-24.0%	-50.1%	7.6%
Vontobel	1,208	-56%	-6.7%	7.3%	589	-30.7%	-28.7%	9.7%
Citi	535	-13.5%	-25%	3.2%	445	6.4%	-24.6%	7.4%
Société Générale	26	56%	-67%	0.2%	19	21.8%	-71.4%	0.3%
Total	16,520	-11.3%	-11.0%	100%	6,046	-12.6%	-17.7%	100%

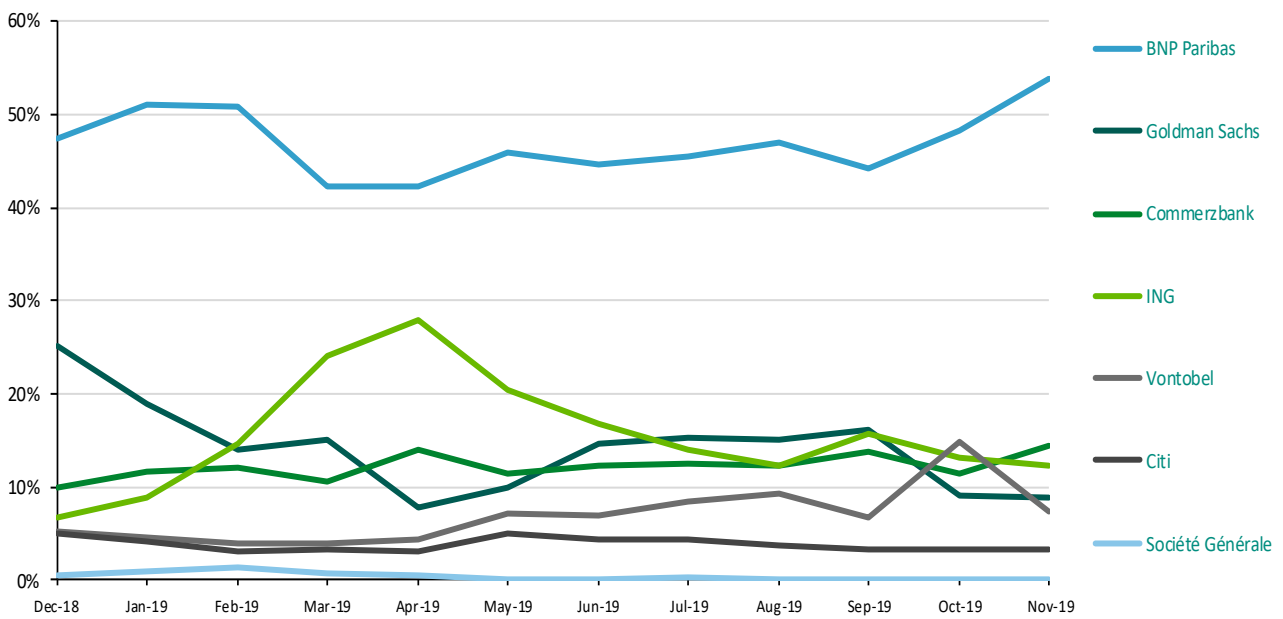
(Source Euronext)



ISSUERS

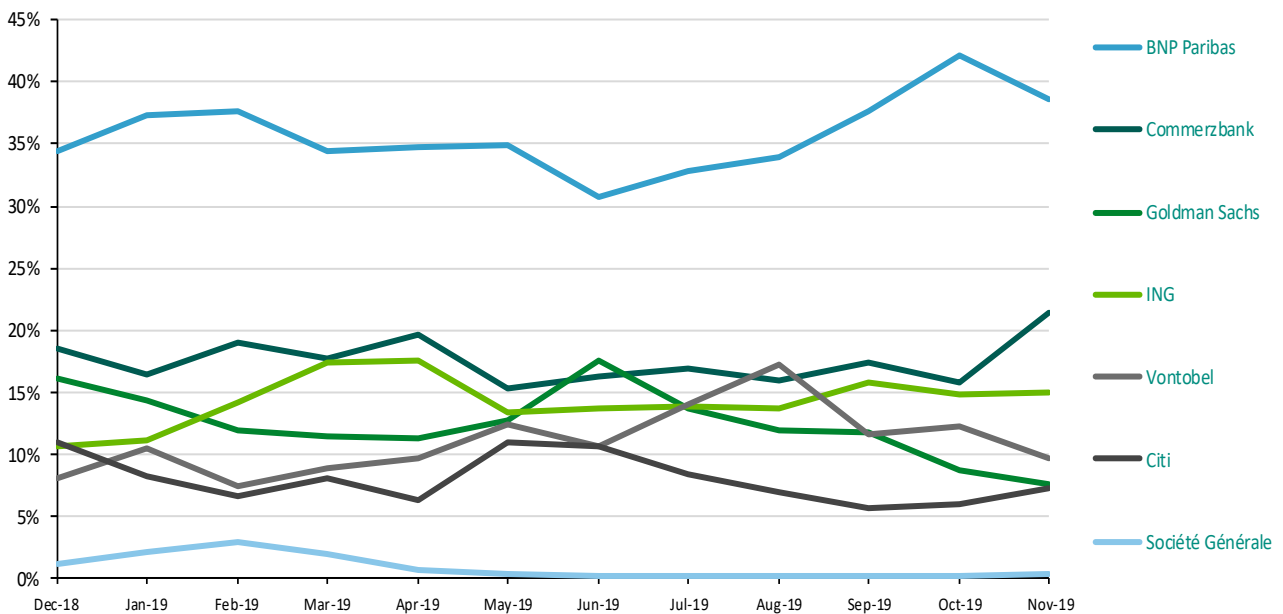
Market Trend: Value traded

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

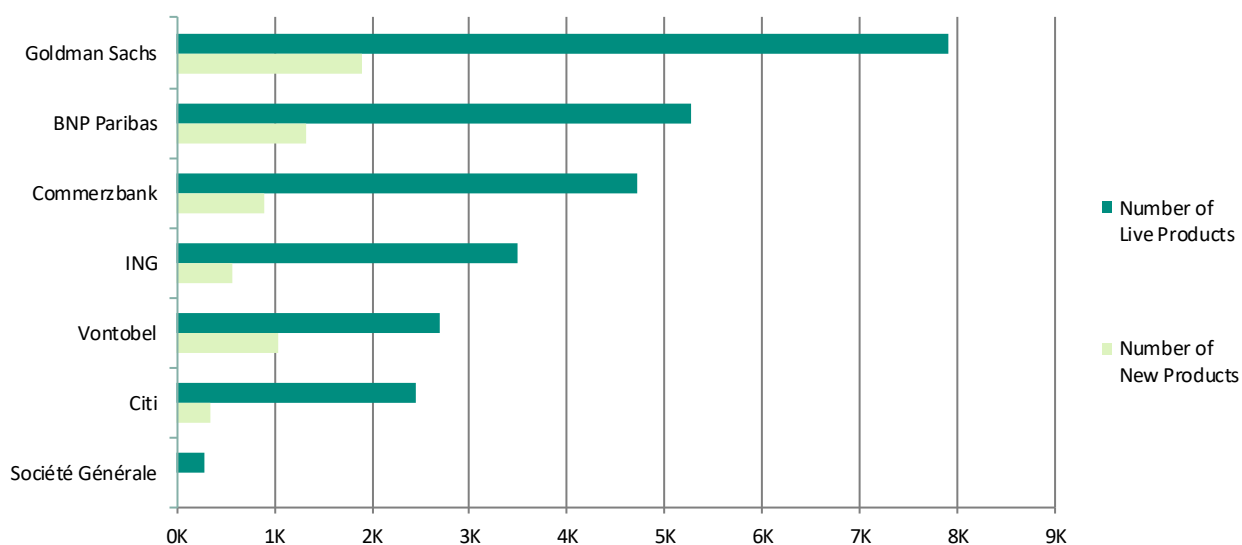
Product Overview

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	7,909	10.1%	32%	29.5%	1,892	-32%	-11.2%	31.4%
BNP Paribas	5,278	8.5%	20%	19.7%	1,320	-15.0%	10.9%	21.9%
Commerzbank	4,720	11.1%	10.9%	17.6%	885	-5.2%	6.3%	14.7%
ING	3,486	2.7%	17.4%	13.0%	561	-9.2%	25%	9.3%
Vontobel	2,694	13.9%	10.2%	10.0%	1,029	-37%	-8.2%	17.1%
Citi	2,454	4.5%	8.1%	9.1%	339	-38%	-35%	5.6%
Société Générale	277	-5.7%	-29%	1.0%	0		-100%	0.0%
Total	26,818	8.6%	18.1%	100%	6,026	-25.2%	-4.1%	100%

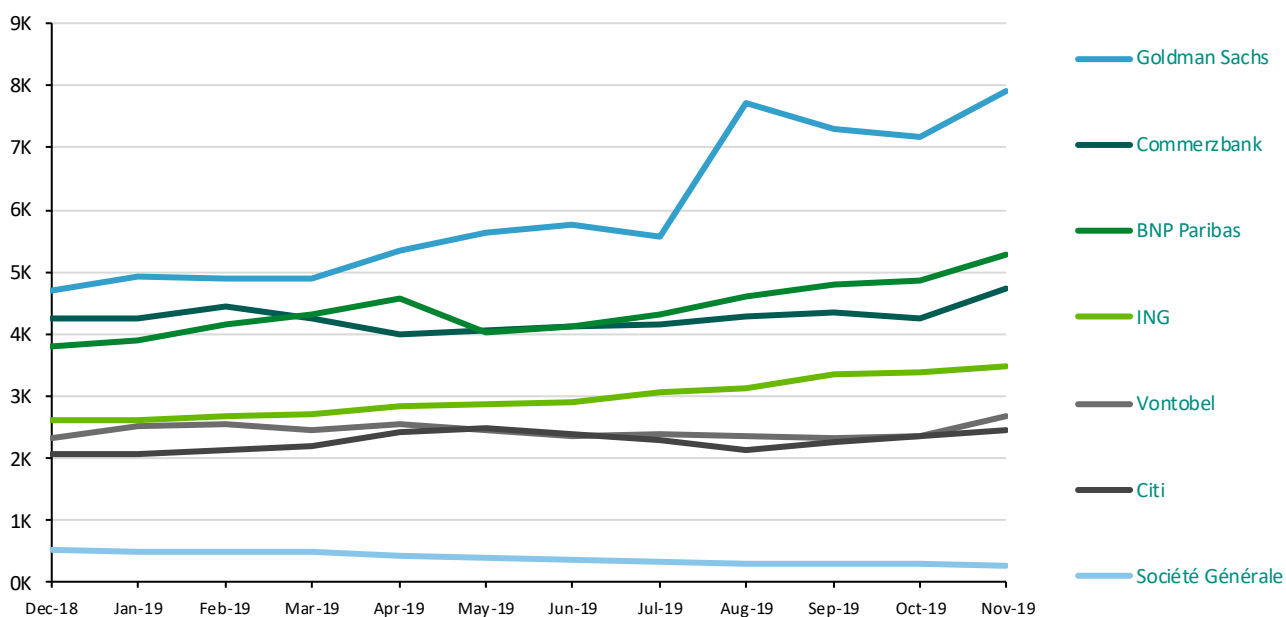
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ISSUERS

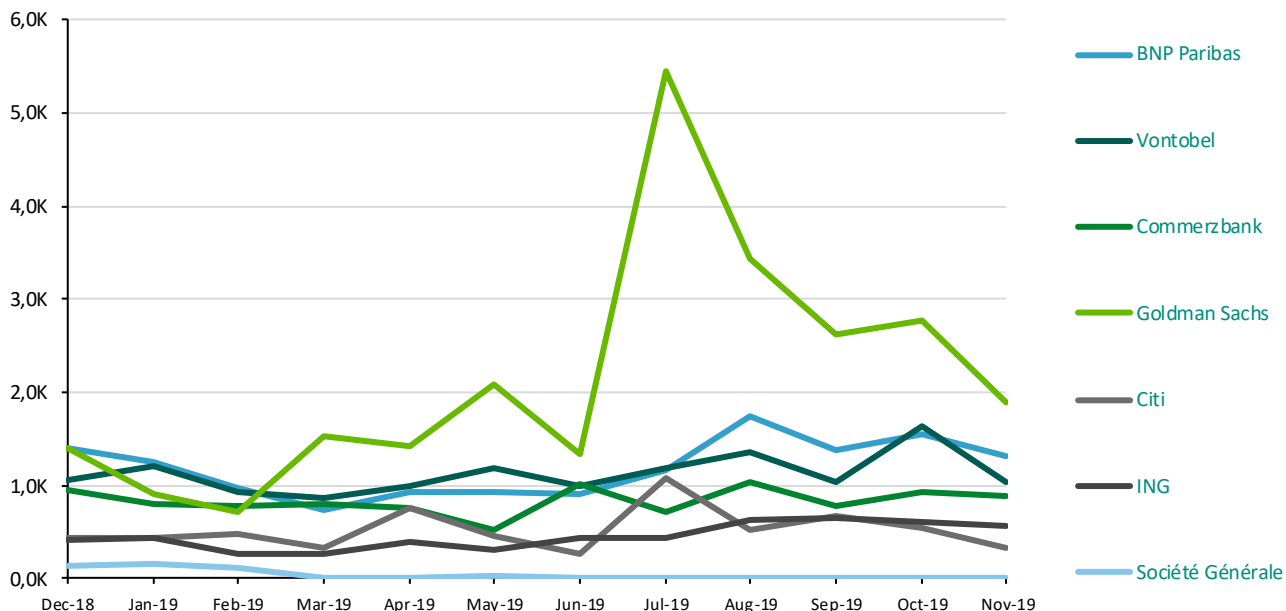
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

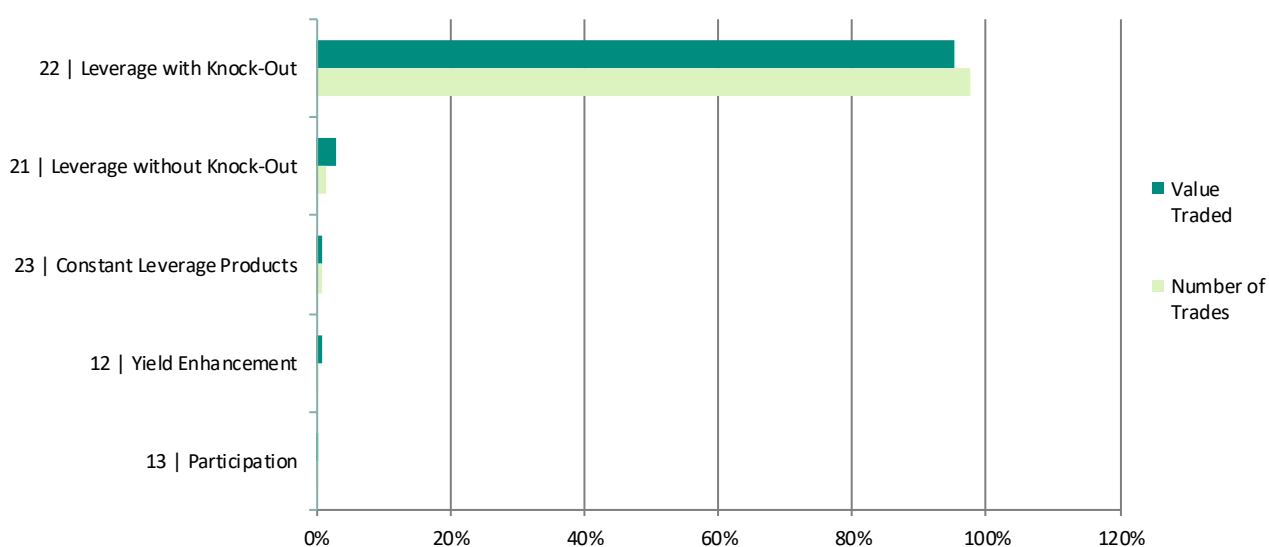
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	15,734	-8.6%	-6.6%	95.2%	5,907	-11.4%	-16.8%	97.7%
21 Leverage without Knock-Out	486	-52%	-64%	2.9%	77	-57.9%	-53.4%	1.3%
23 Constant Leverage Products	136	-28%	5.7%	0.8%	41	-26.4%	-19.8%	0.7%
12 Yield Enhancement	121	-33%	-42%	0.7%	14	2.0%	-37.0%	0.2%
13 Participation	43	-8.4%	23%	0.3%	7.7	116.4%	59.3%	0.1%
Total	16,520	-11.3%	-11.0%	100%	6,046	-12.6%	-17.7%	100%

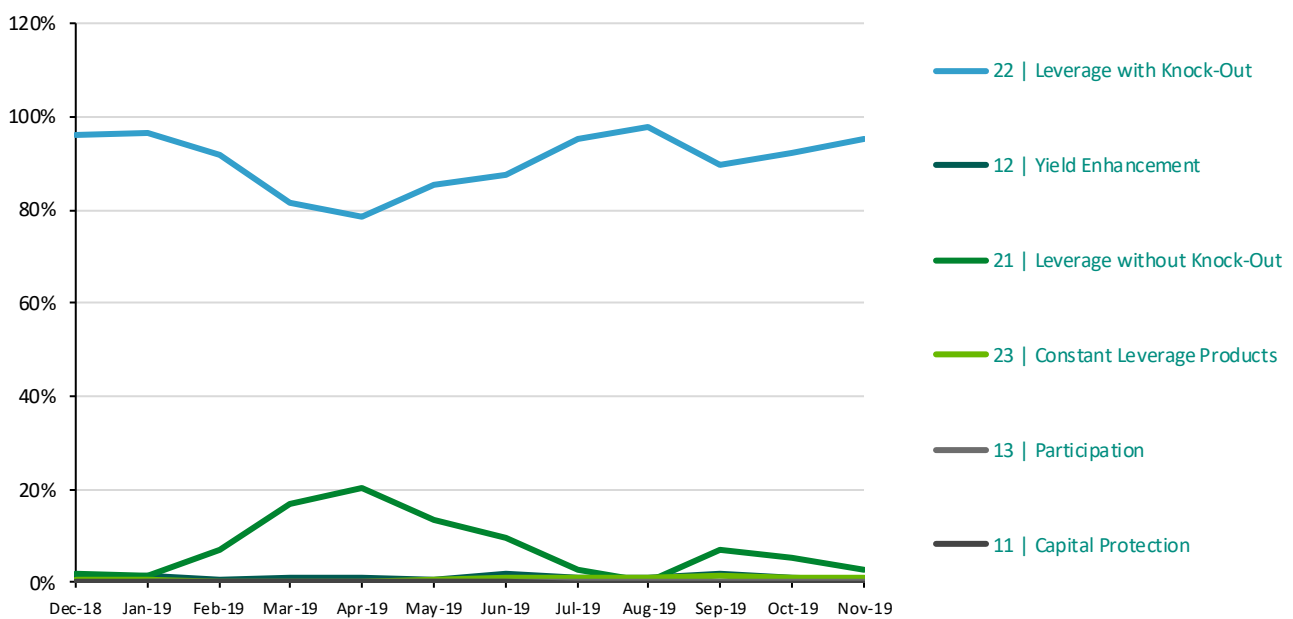
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

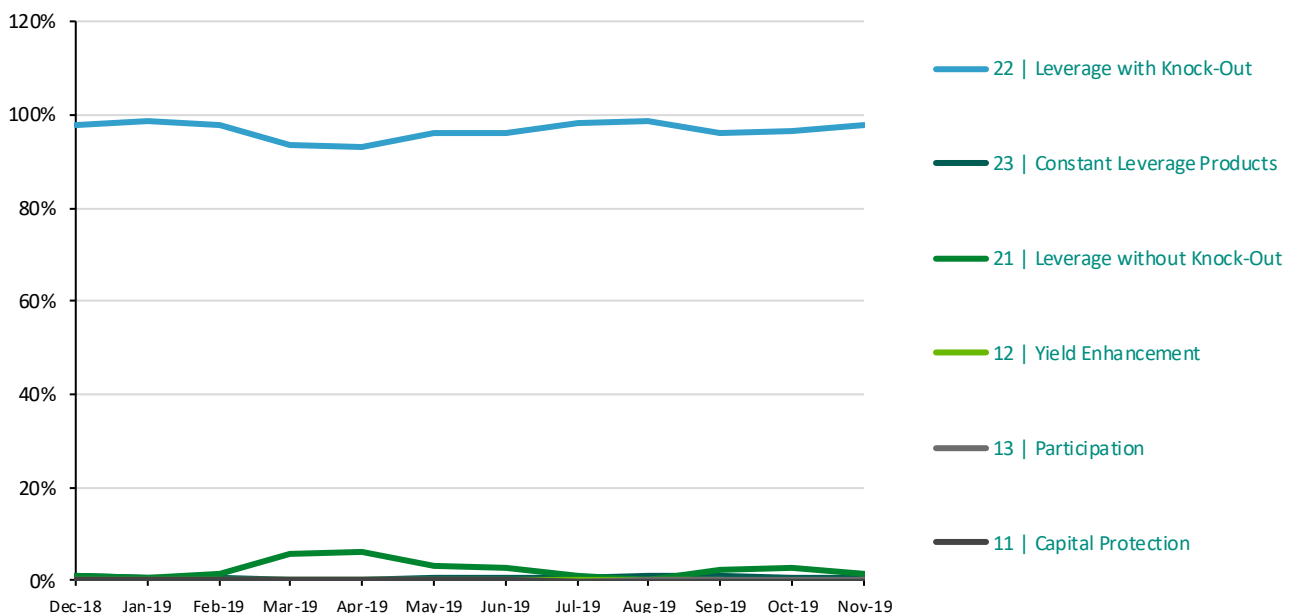
Market Trend: Value traded

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

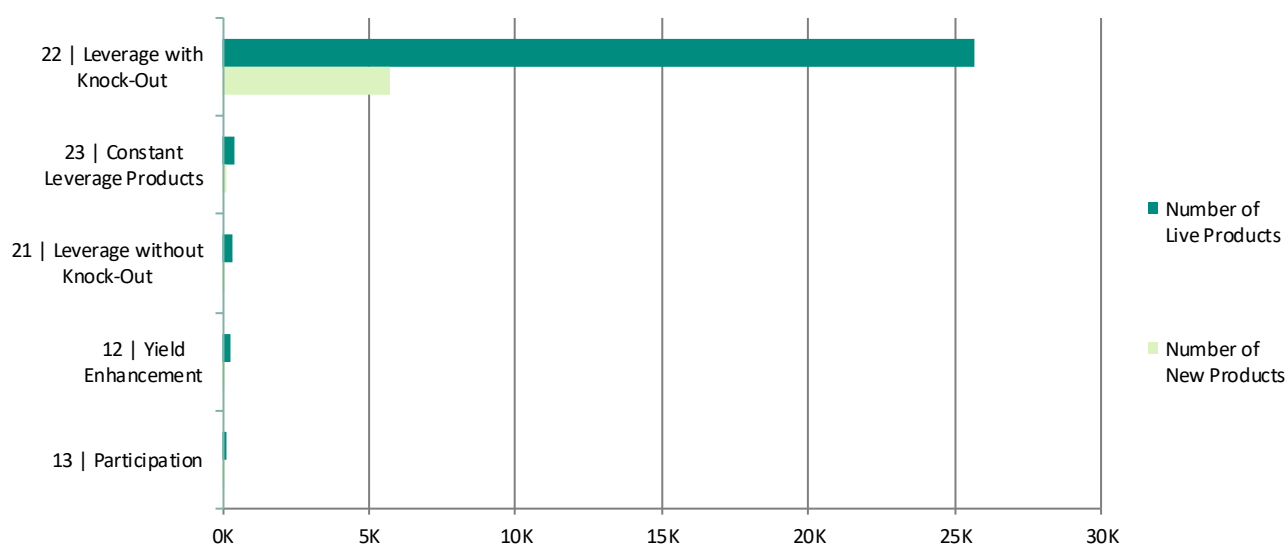
Product Overview

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	25,665	7.8%	17.9%	95.7%	5,722	-27%	-7.4%	95.0%
23 Constant Leverage Products	383	27%	45%	1.4%	148	80%	517%	2.5%
21 Leverage without Knock-Out	344	34%	21%	1.3%	77	38%	69%	1.3%
12 Yield Enhancement	285	26%	11.9%	1.1%	63	0.0%	106%	1.0%
13 Participation	141	18.5%	5.9%	0.5%	16	-41%	86%	0.3%
Total	26,818	8.6%	18.1%	100%	6,026	-25.2%	-4.1%	100%

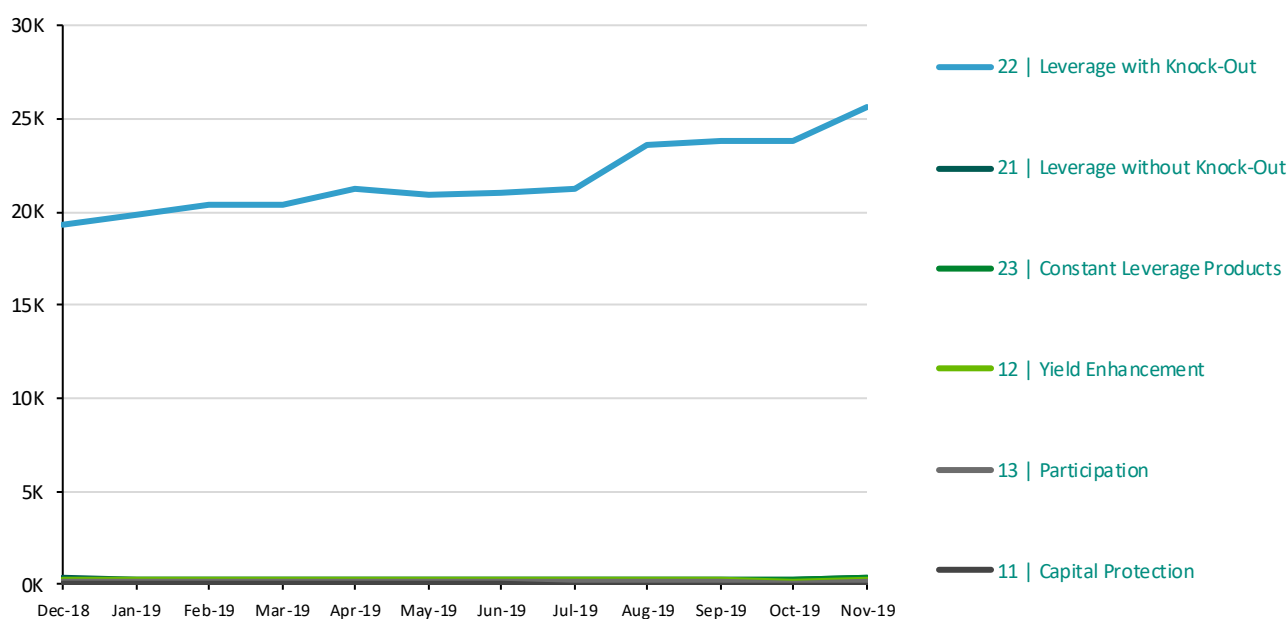
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

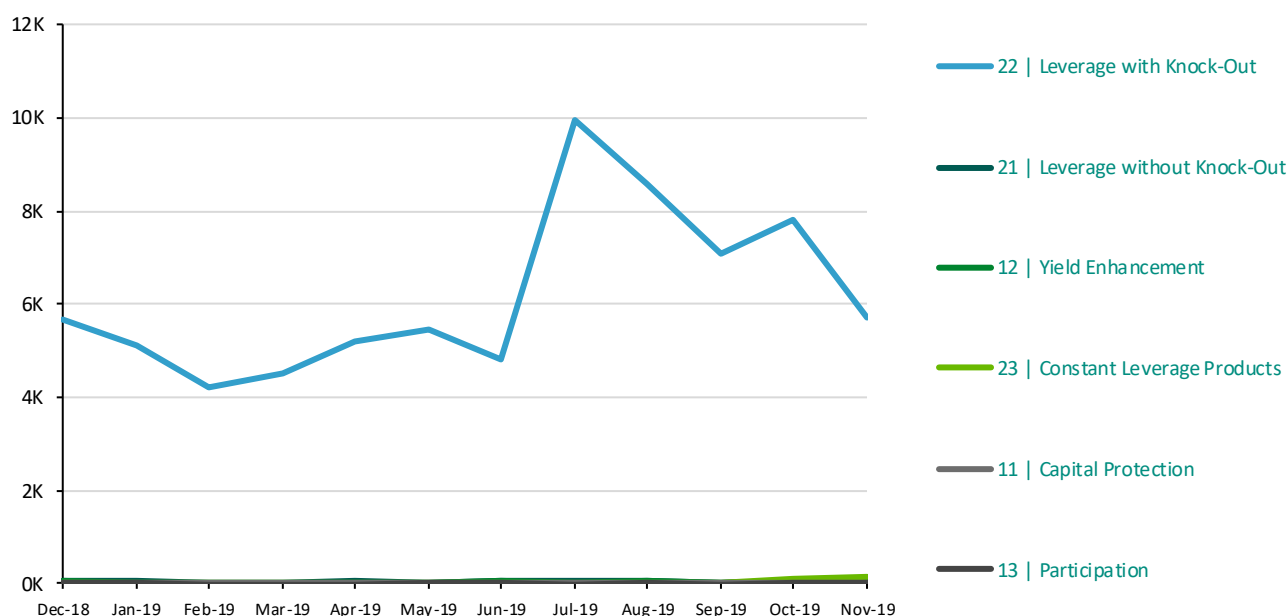
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

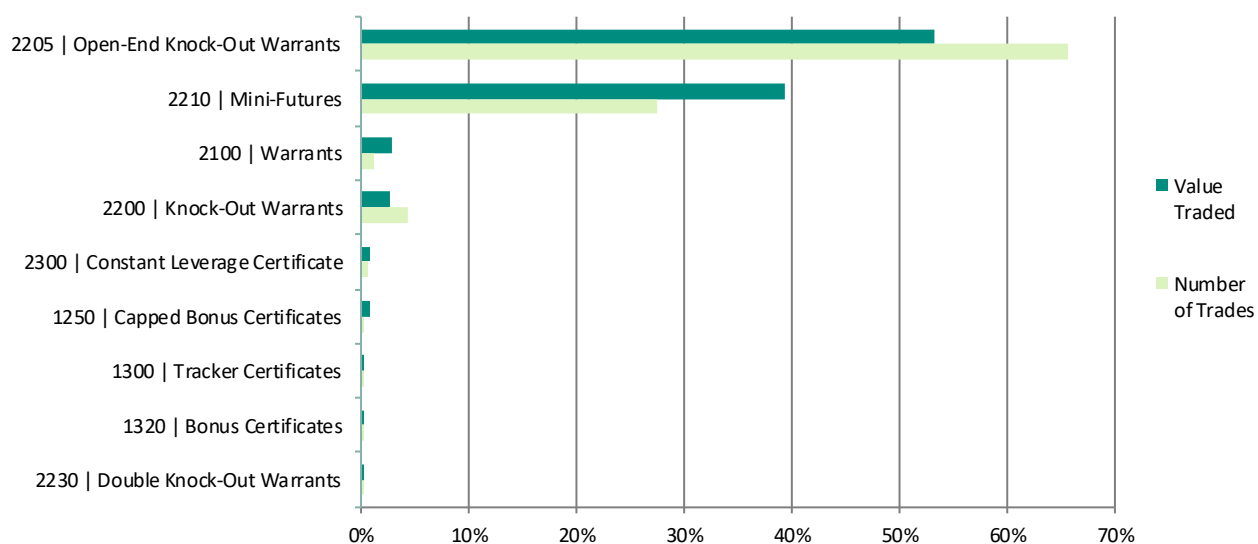
Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
2205 Open-End Knock-Out Warrants	8,807	-14.2%	-9.8%	53.3%	3,972	-8.6%	-17.4%	65.7%
2210 Mini-Futures	6,493	1.1%	-1.5%	39.3%	1,667	-16.1%	-11.8%	27.6%
2100 Warrants	486	-52%	-64%	2.9%	77	-58%	-53%	1.3%
2200 Knock-Out Warrants	433	-16.8%	-10.9%	2.6%	267	-20%	-33%	4.4%
2300 Constant Leverage Certificate	136	-28%	5.7%	0.8%	41	-26%	-19.8%	0.7%
1250 Capped Bonus Certificates	121	-33%	-42%	0.7%	14	2.0%	-37%	0.2%
1300 Tracker Certificates	22	-34%	-14.2%	0.1%	2.4	14.0%	-2.9%	0.0%
1320 Bonus Certificates	21	54%	129%	0.1%	5.3	268%	127%	0.1%
2230 Double Knock-Out Warrants	0	261%	-21%	0.0%	0.6	119%	-19.4%	0.0%
Total	16,520	-11.3%	-11.0%	100%	6,046	-12.6%	-17.7%	100%

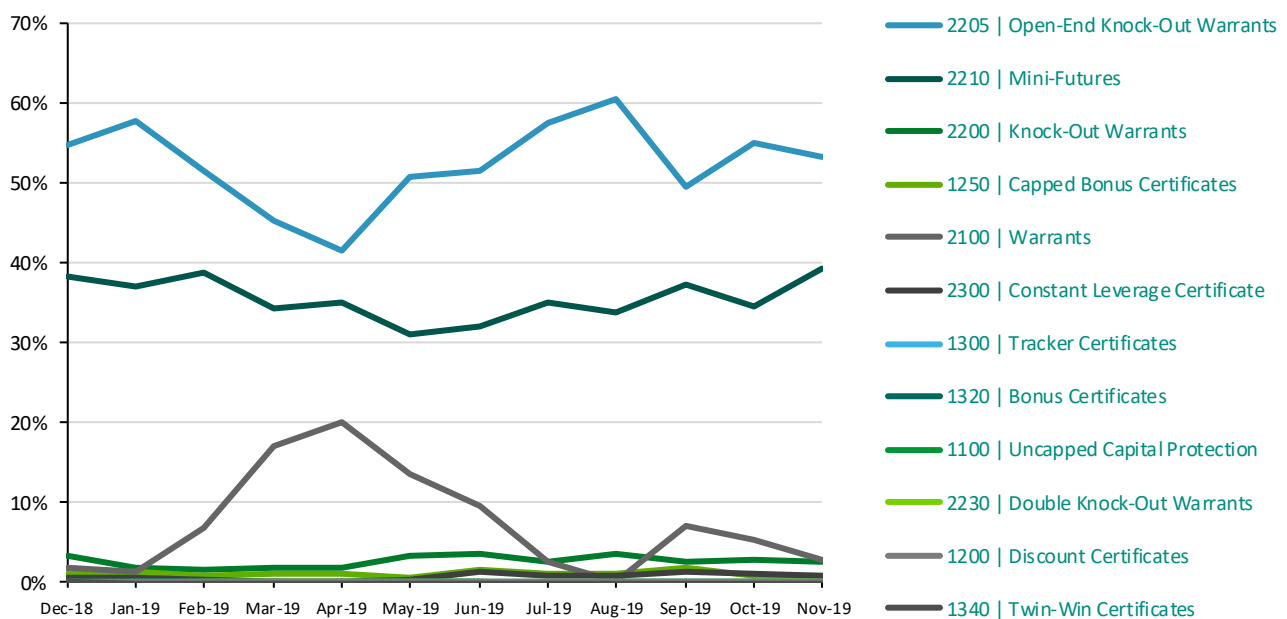
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

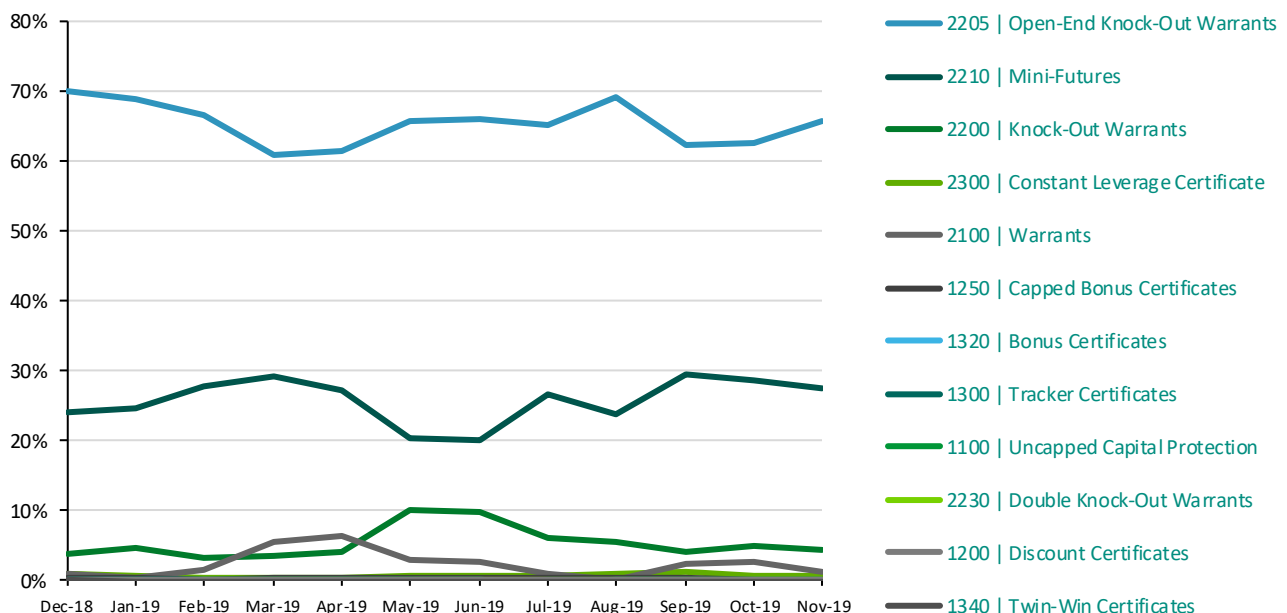
Market Trend: Value traded

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

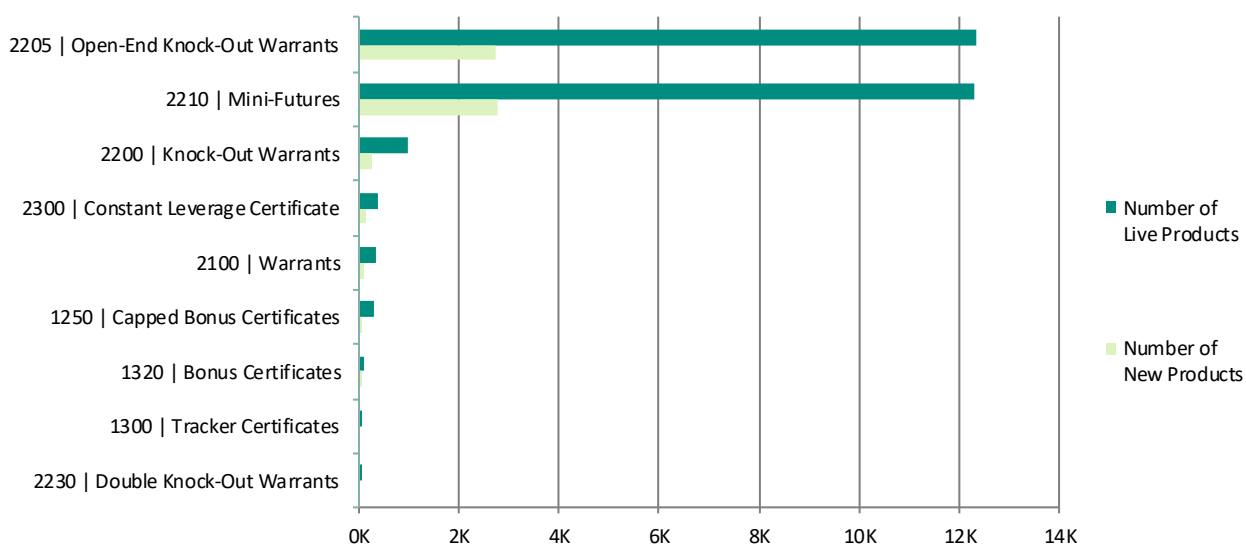
Product Overview

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	12,332	7.3%	18.3%	46.0%	2,720	-24%	-10.9%	45.1%
2210 Mini-Futures	12,308	7.8%	18.2%	45.9%	2,756	-24%	3.1%	45.7%
2200 Knock-Out Warrants	991	18.3%	10.1%	3.7%	246	-60%	-44%	4.1%
2300 Constant Leverage Certificate	383	27%	45%	1.4%	148	80%	517%	2.5%
2100 Warrants	344	34%	21%	1.3%	77	38%	69%	1.3%
1250 Capped Bonus Certificates	278	24%	10.9%	1.0%	63	12.5%	110%	1.0%
1320 Bonus Certificates	83	34%	10.0%	0.3%	16	-41%	92%	0.3%
1300 Tracker Certificates	58	1.4%	0.7%	0.2%	0		-100%	0.0%
2230 Double Knock-Out Warrants	34	-26%	-0.2%	0.1%	0	-100%	-100%	0.0%
Total	26,818	8.6%	18.1%	100%	6,026	-25%	-4.1%	100%

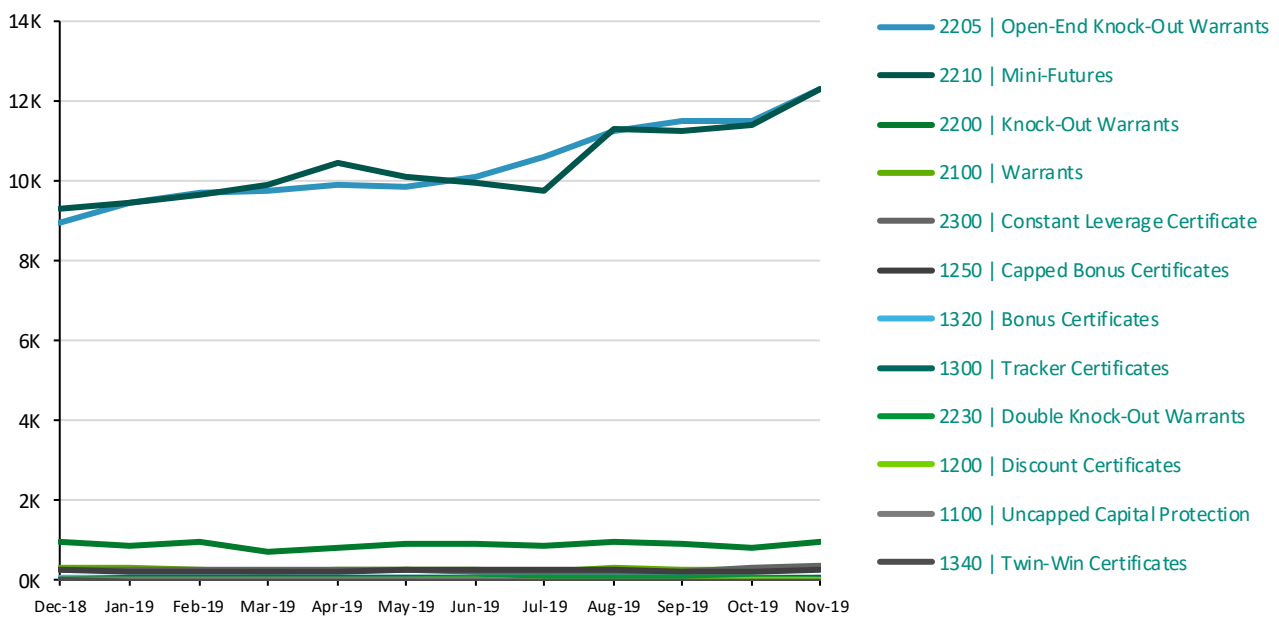
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

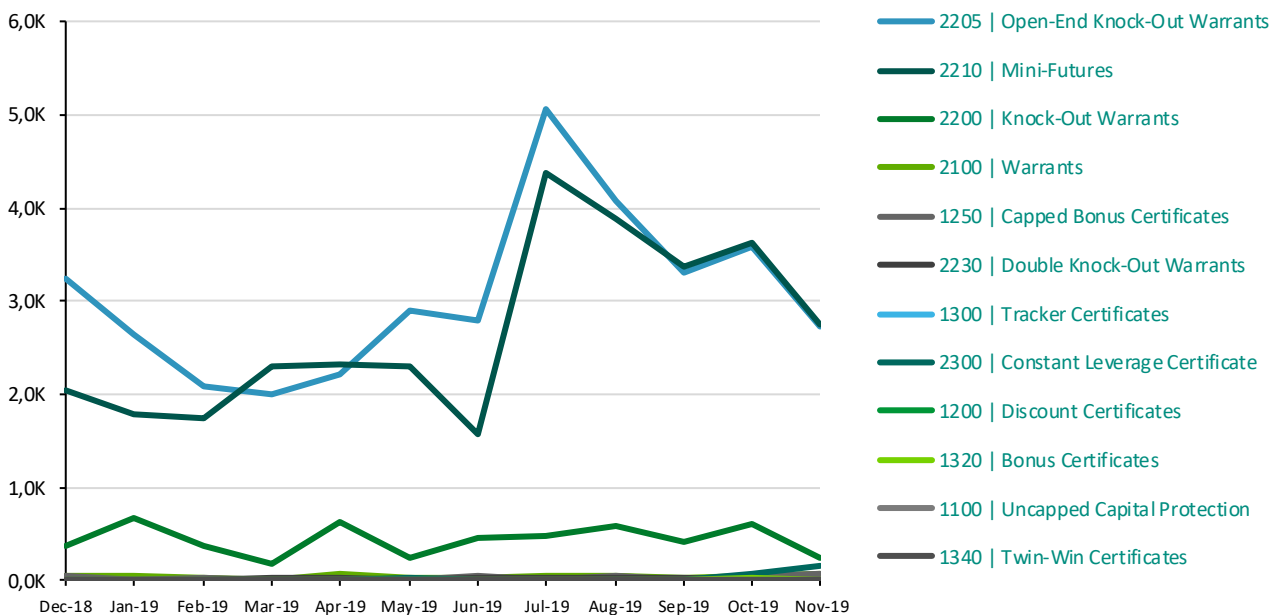
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

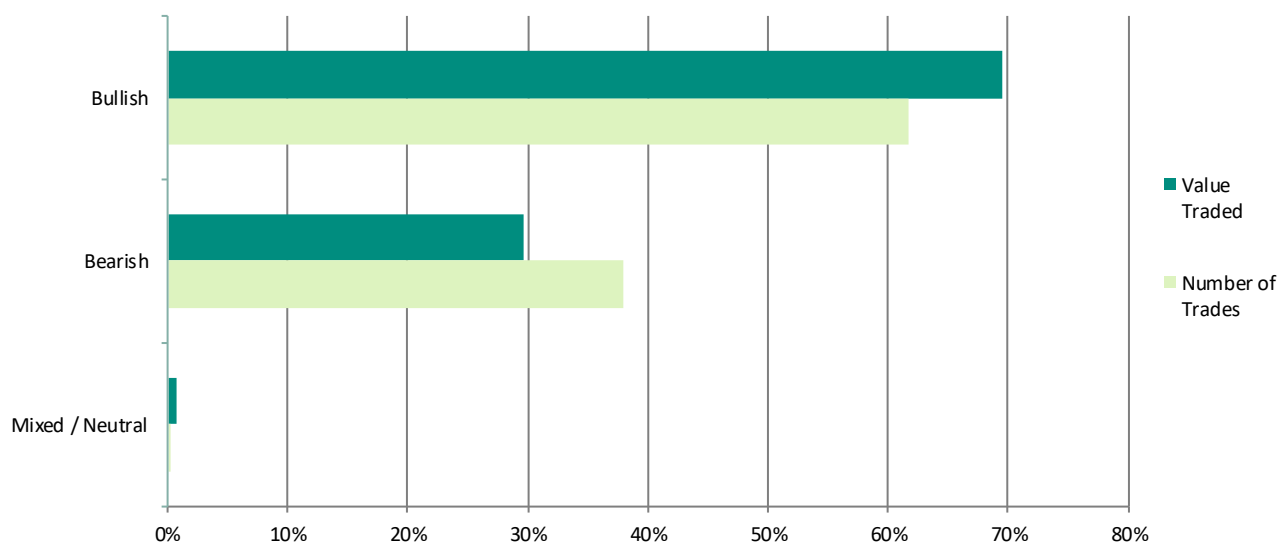
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	11,495	-11.0%	-7.6%	69.6%	3,733	-10.5%	-18.0%	61.7%
Bearish	4,904	-11.3%	-17.2%	29.7%	2,299	-15.9%	-16.9%	38.0%
Mixed / Neutral	121	-33%	-42%	0.7%	14	4.3%	-36%	0.2%
Total	16,520	-11.3%	-11.0%	100%	6,046	-12.6%	-17.7%	100%

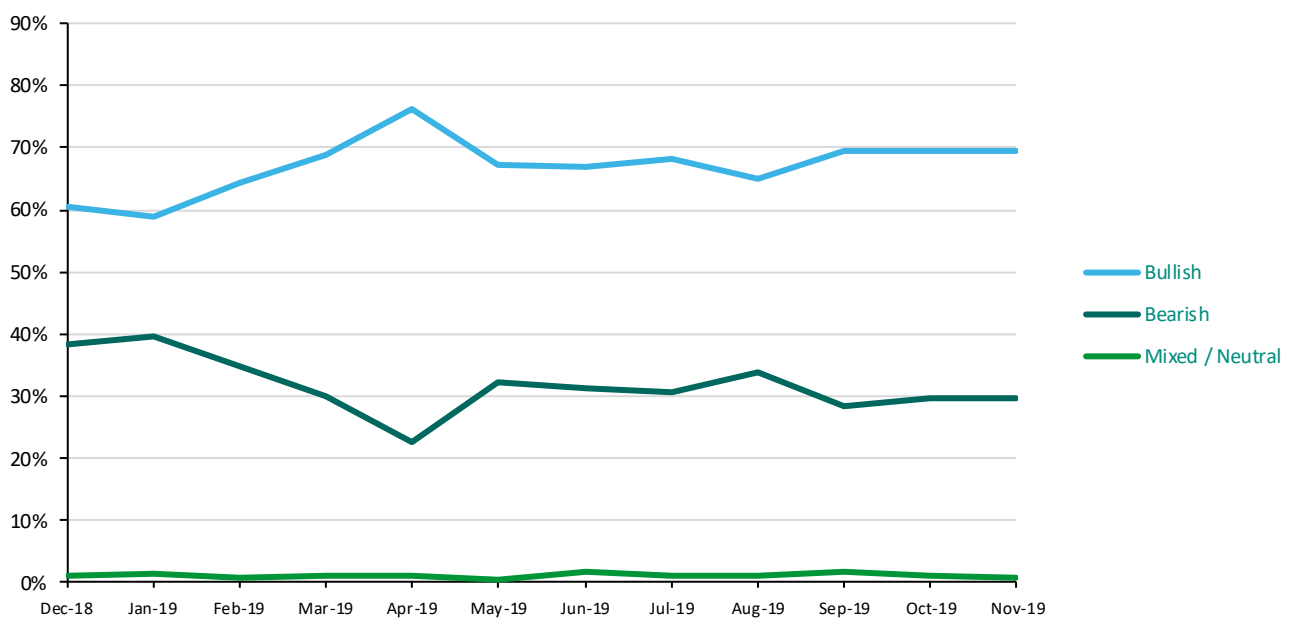
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PRODUCT STRATEGIES

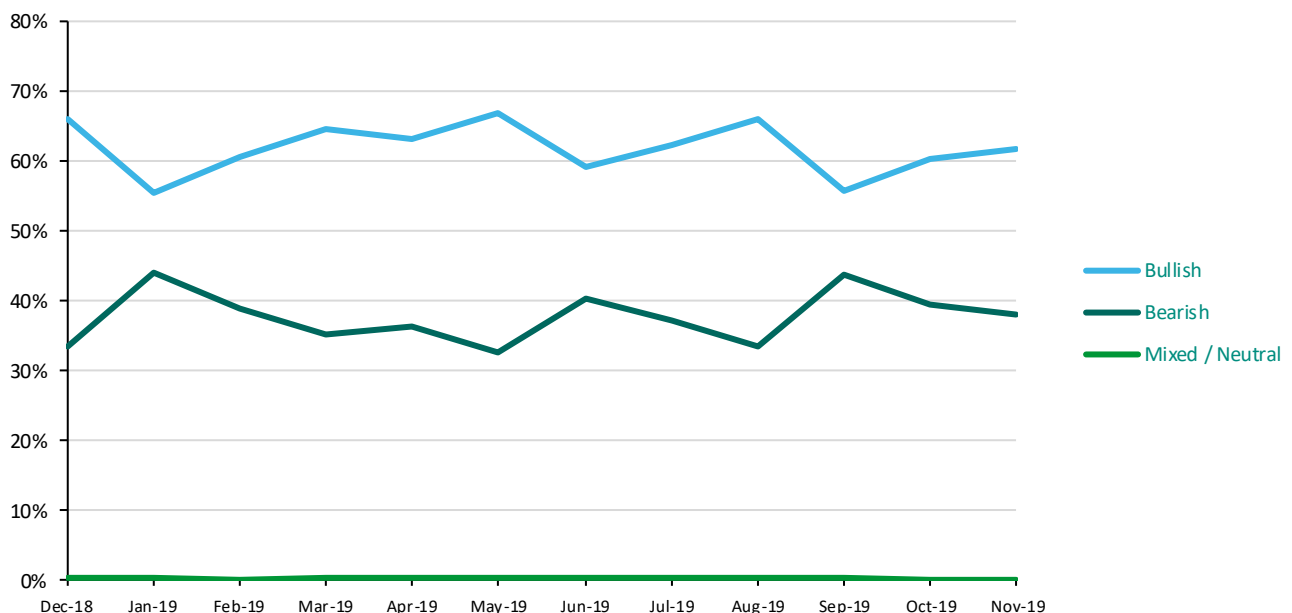
Market Trend: Value traded

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

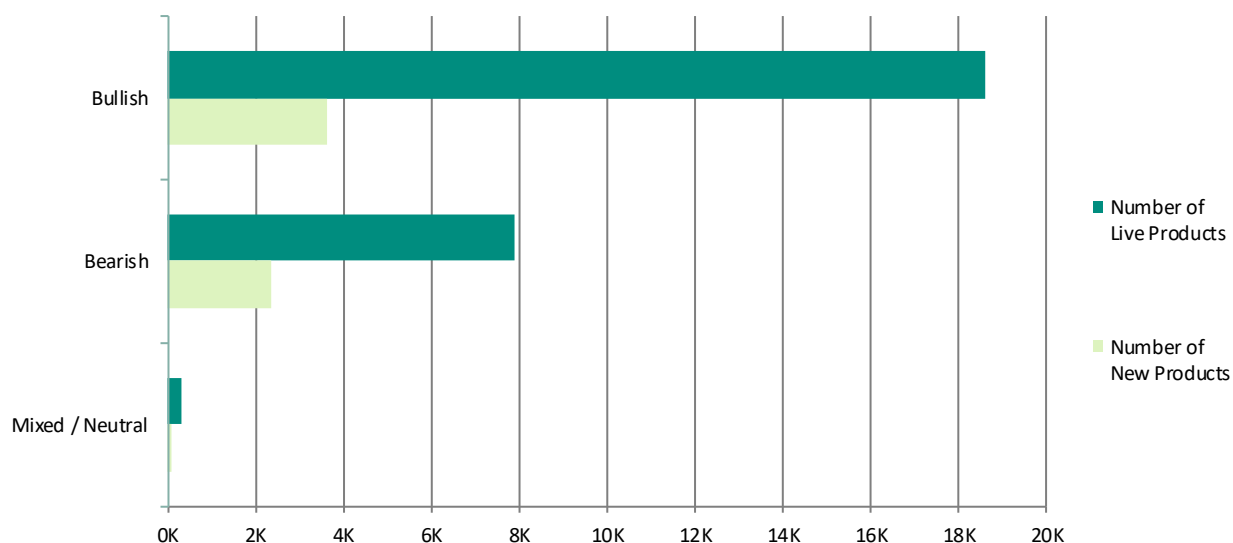
Product Overview

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	18,599	14.6%	28%	69.4%	3,632	-26%	-2.0%	60.3%
Bearish	7,899	-3.7%	-0.6%	29.5%	2,331	-24%	-8.0%	38.7%
Mixed / Neutral	320	17.4%	10.4%	1.2%	63	-17.1%	39%	1.0%
Total	26,818	8.6%	18.1%	100%	6,026	-25.2%	-4.1%	100%

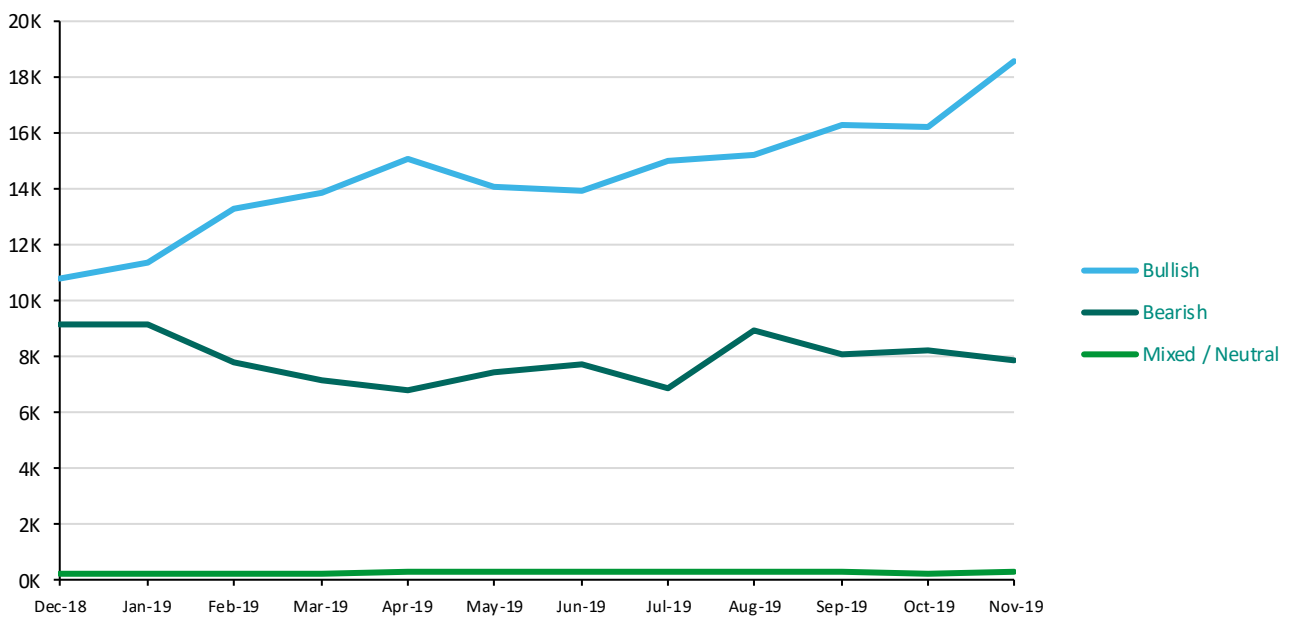
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PRODUCT STRATEGIES

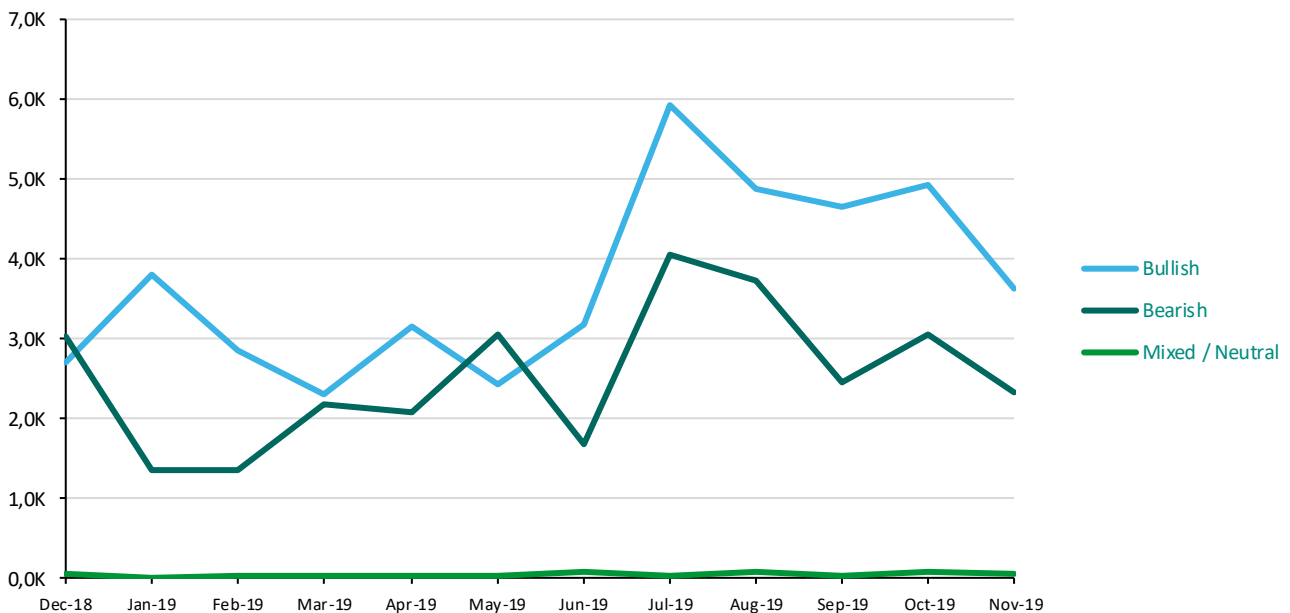
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

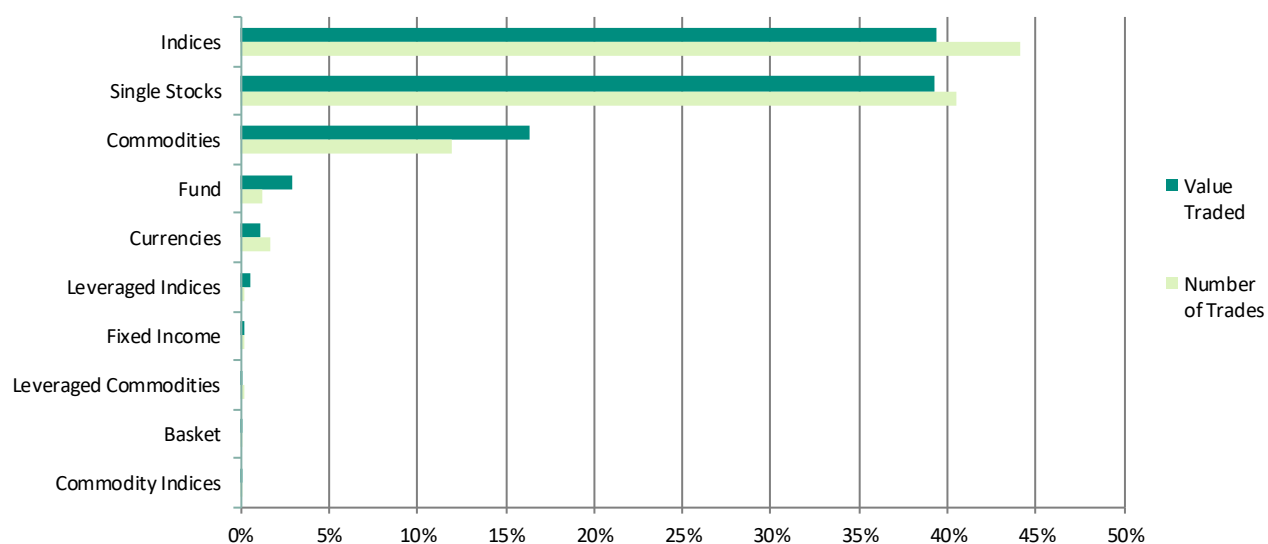
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	6,511	-15.6%	-30%	39.4%	2,665	-21.4%	-32.0%	44.1%
Single Stocks	6,483	12.3%	21%	39.2%	2,447	0.2%	0.9%	40.5%
Commodities	2,698	-27%	38%	16.3%	719	-2.6%	14.7%	11.9%
Fund	482	-52%	-64%	2.9%	76	-58.3%	-53.4%	1.3%
Currencies	188	-32%	-61%	1.1%	102	-15.6%	-30.8%	1.7%
Leveraged Indices	97	-24%	50%	0.6%	13	-26.6%	-37.2%	0.2%
Fixed Income	32	104%	-9.5%	0.2%	13	29.7%	-34.2%	0.2%
Leveraged Commodities	18	-3.9%	-36%	0.1%	11	-38.6%	-7.3%	0.2%
Basket	11	-44%	-29%	0.1%	1.1	14.3%	-9.3%	0.0%
Commodity Indices	0	-99%	-94%	0.0%	0.0	-72.6%	-24.4%	0.0%
Total	16,520	-11.3%	-11.0%	100%	6,046	-12.6%	-17.7%	100%

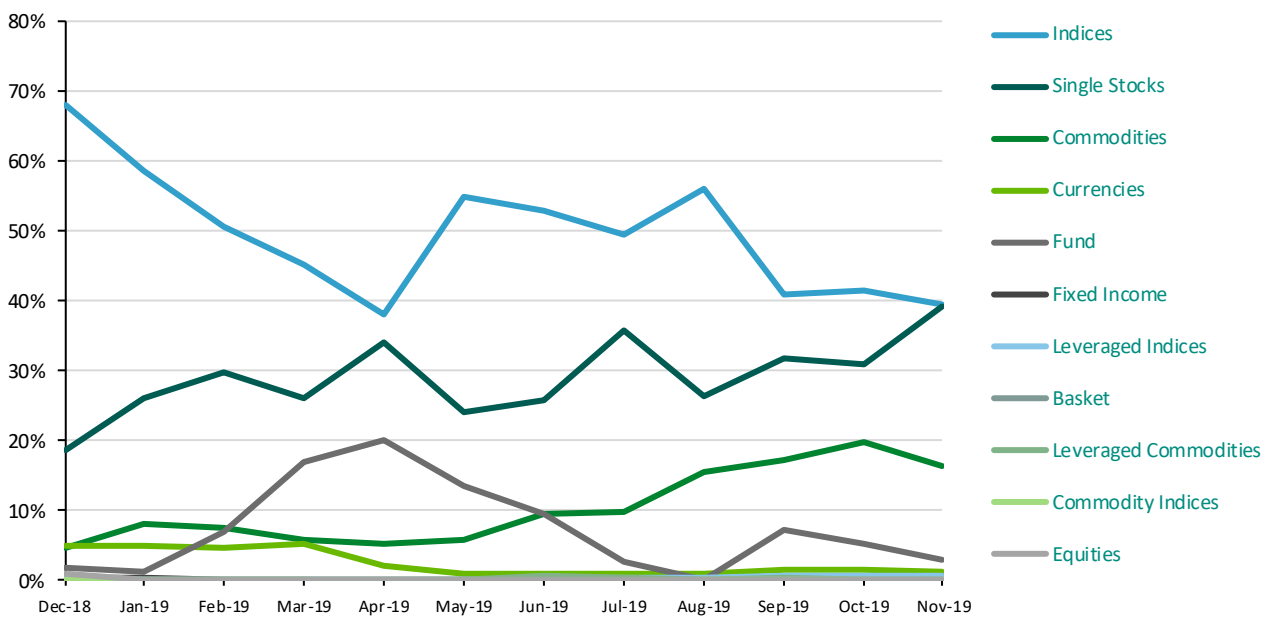
(Source Euronext)



UNDERLYING TYPES

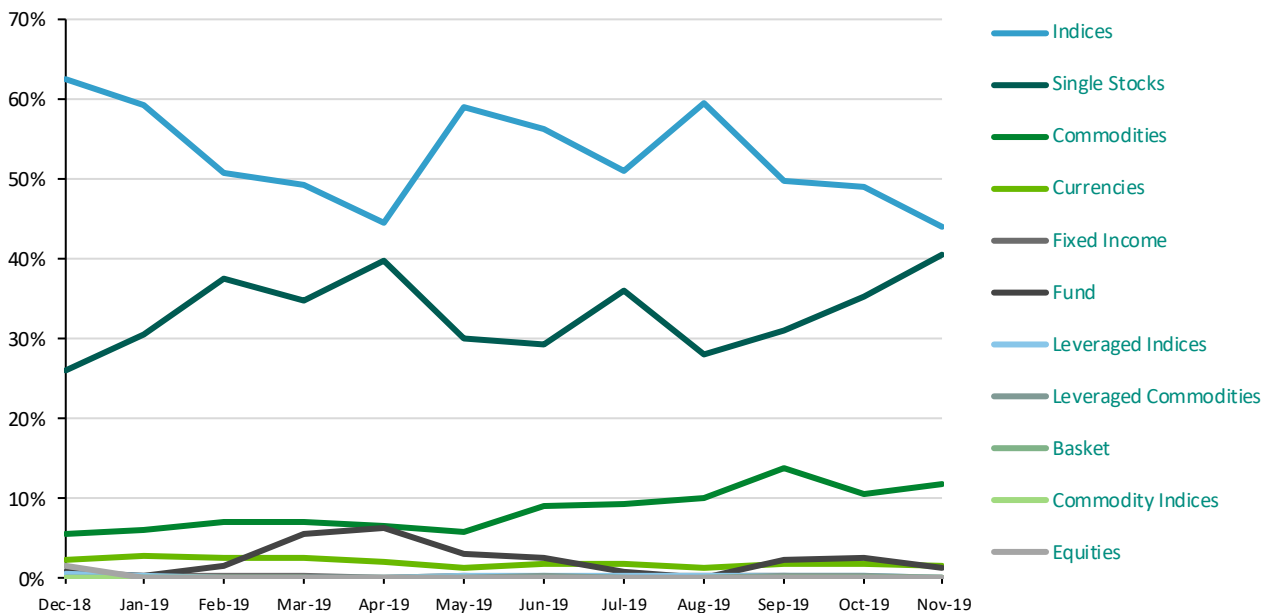
Market Trend: Value traded

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

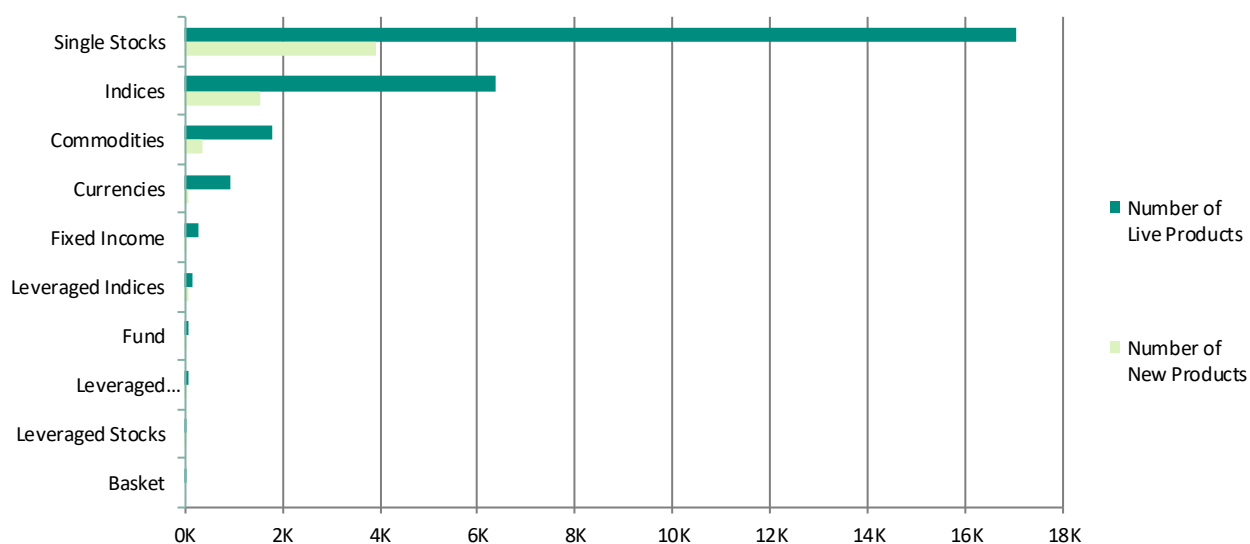
Product Overview

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	17,060	7.9%	31%	63.6%	3,931	-25%	2.2%	65.2%
Indices	6,386	12.2%	-1.2%	23.8%	1,539	-30%	-14.3%	25.5%
Commodities	1,805	4.2%	7.0%	6.7%	357	-15.4%	-14.3%	5.9%
Currencies	928	1.2%	-9.1%	3.5%	56	-56%	-70%	0.9%
Fixed Income	275	2.0%	11.5%	1.0%	14	7.7%	-40%	0.2%
Leveraged Indices	157	32%	51%	0.6%	62	63%	644%	1.0%
Fund	87	2.6%	18.4%	0.3%	2	-33%	-20.0%	0.0%
Leveraged Commodities	80	63%	89%	0.3%	50	108%	711%	0.8%
Leveraged Stocks	20	80%	671%	0.1%	15	-25%	414%	0.2%
Basket	14	0.9%	1.7%	0.1%	0			0.0%
Total	26,818	8.6%	18.1%	100%	6,026	-25.2%	-4.1%	100%

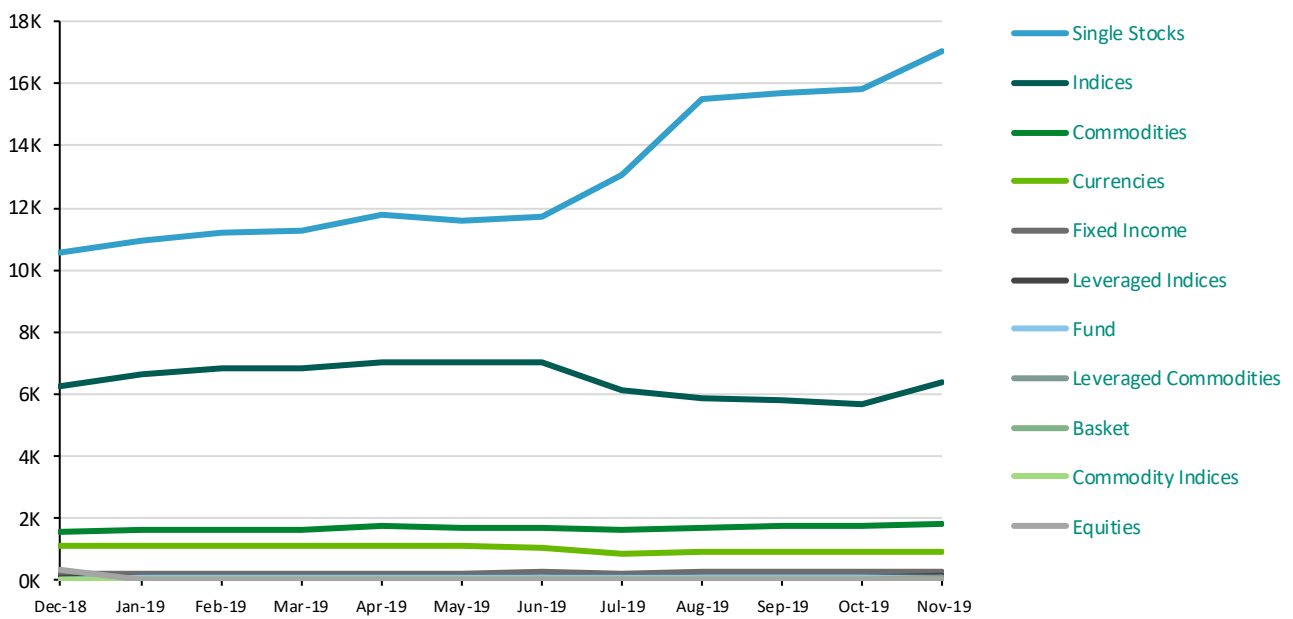
(Source Euronext)



UNDERLYING TYPES

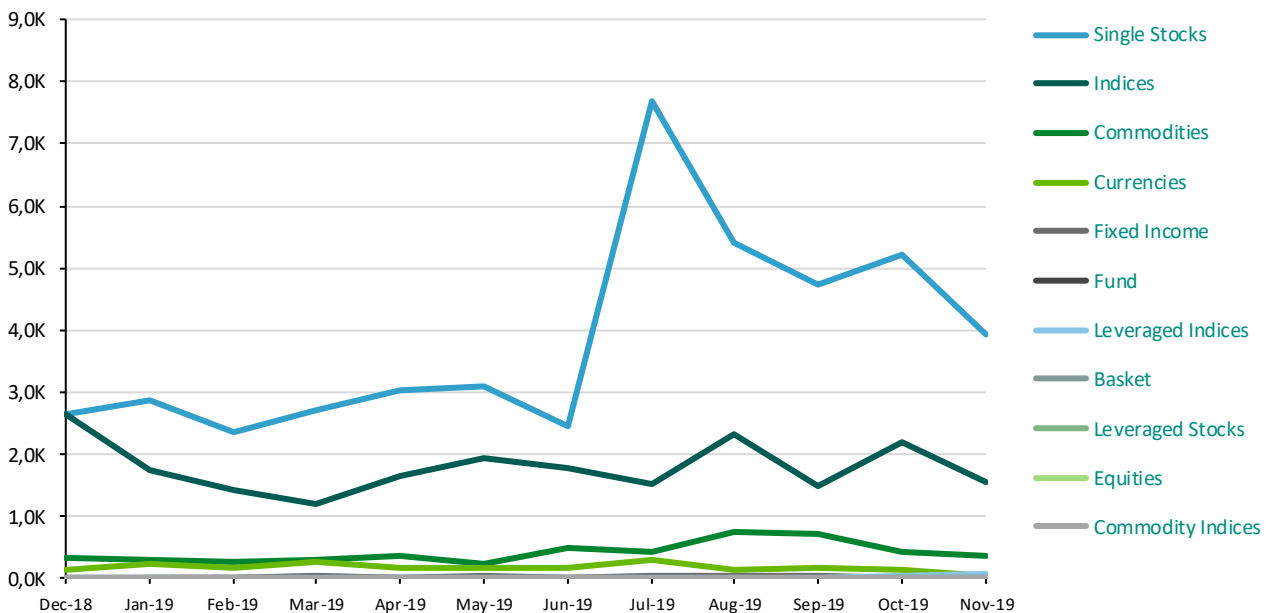
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

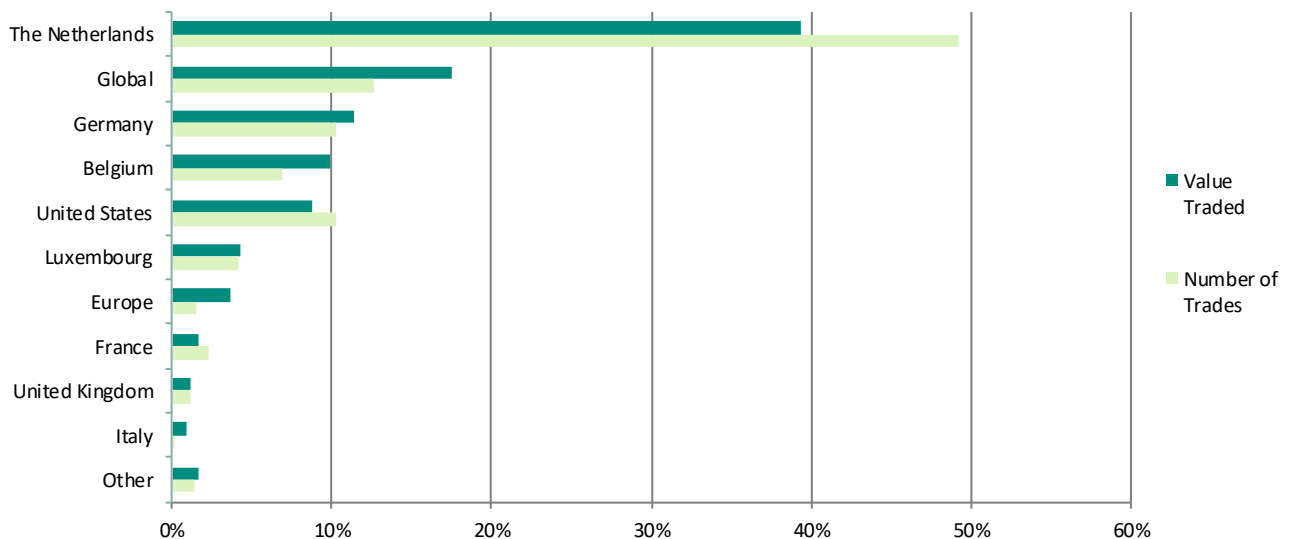
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
The Netherlands	6,508	-9.4%	-23%	39.4%	2,979	-12.7%	-22.3%	49.3%
Global	2,886	-26%	35%	17.5%	765	-2.8%	14.1%	12.7%
Germany	1,875	3.2%	-3.6%	11.3%	622	-19.1%	-30%	10.3%
Belgium	1,630	27%	42%	9.9%	417	7.6%	19.1%	6.9%
United States	1,453	-17.9%	-34%	8.8%	619	-18.8%	-28%	10.2%
Luxembourg	703	20%	64%	4.3%	253	13.3%	25%	4.2%
Europe	592	-49%	-61%	3.6%	95	-56%	-50%	1.6%
France	275	-33%	-22%	1.7%	137	-32%	-27%	2.3%
United Kingdom	180	-7.3%	5.7%	1.1%	66	1.1%	0.1%	1.1%
Italy	139	74%	368%	0.8%	9.0	20%	119%	0.1%
Other	279	19.7%	38%	1.7%	85	-8.2%	-5.8%	1.4%
Total	16,520	-11.3%	-11.0%	100%	6,046	-12.6%	-17.7%	100%

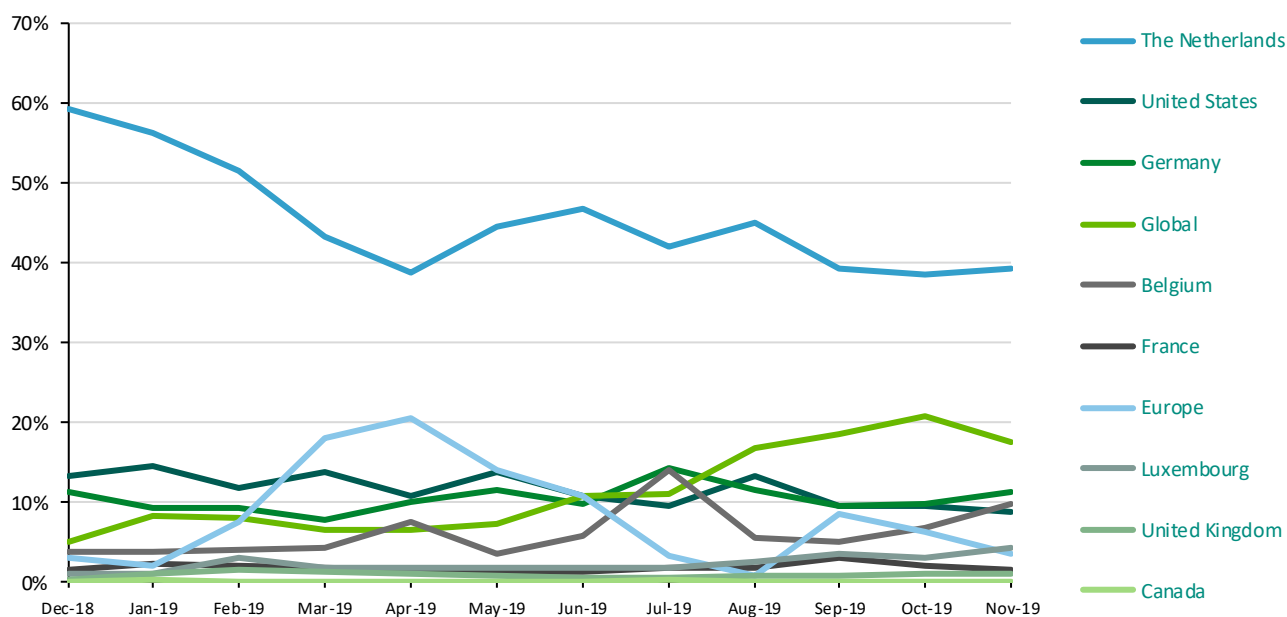
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

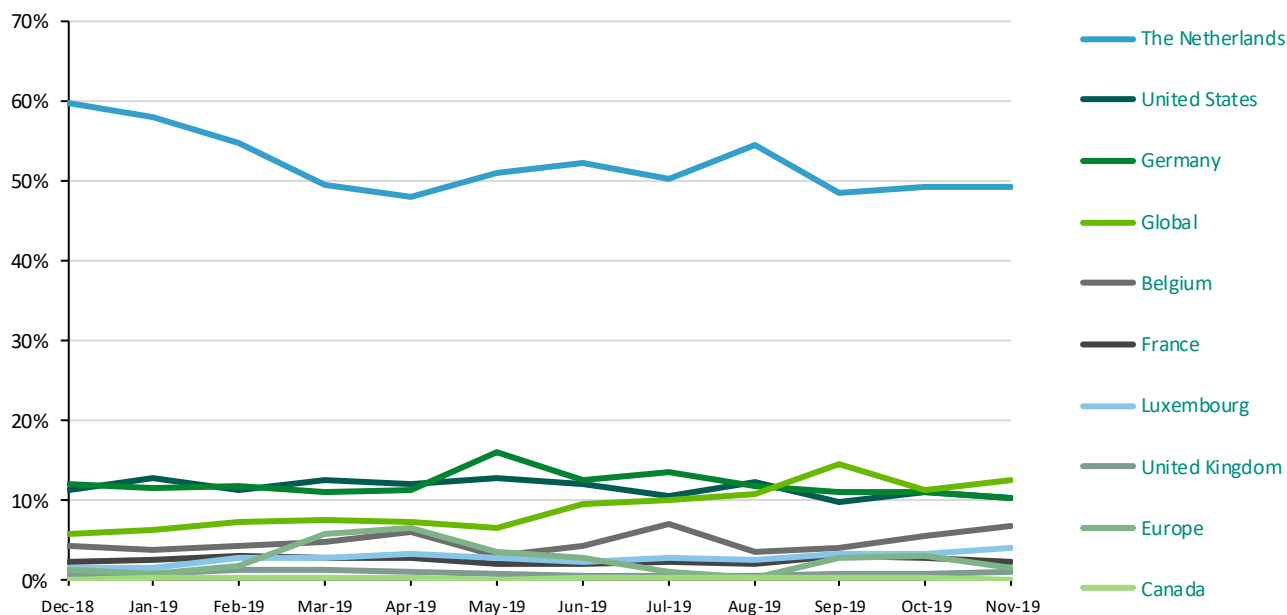
Market Trend: Value traded

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

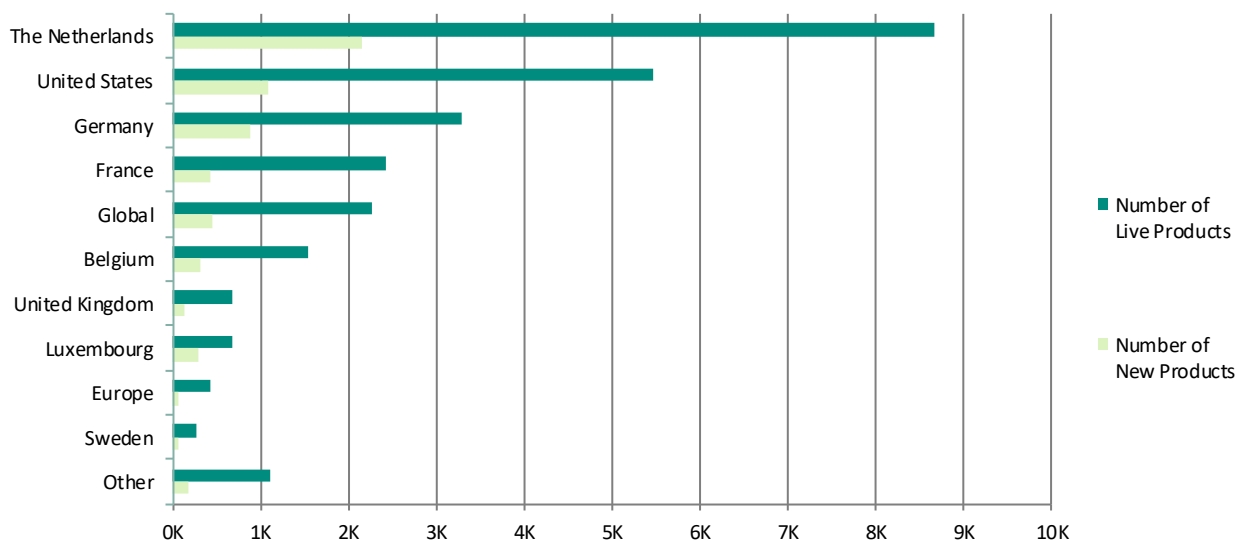
Product Overview

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	8,670	9.4%	15.0%	32.3%	2,161	-20%	5.0%	35.9%
United States	5,466	7.1%	18.8%	20.4%	1,082	-34%	-25%	18.0%
Germany	3,278	14.6%	30%	12.2%	881	-34%	6.1%	14.6%
France	2,422	7.0%	26%	9.0%	417	-36%	-18.1%	6.9%
Global	2,273	6.5%	9.4%	8.5%	456	-8.6%	-3.8%	7.6%
Belgium	1,542	6.8%	26%	5.8%	305	-24%	0.7%	5.1%
United Kingdom	686	4.7%	14.8%	2.6%	128	-12.3%	-2.0%	2.1%
Luxembourg	672	11.6%	29%	2.5%	299	0.7%	19.7%	5.0%
Europe	423	9.2%	4.8%	1.6%	51	-48%	-12.1%	0.8%
Sweden	270	12.3%	25%	1.0%	72	-33%	17.2%	1.2%
Other	1,117	3.0%	4.7%	4.2%	174	0.6%	-1.8%	2.9%
Total	26,818	8.6%	18.1%	100%	6,026	-25.2%	-4.1%	100%

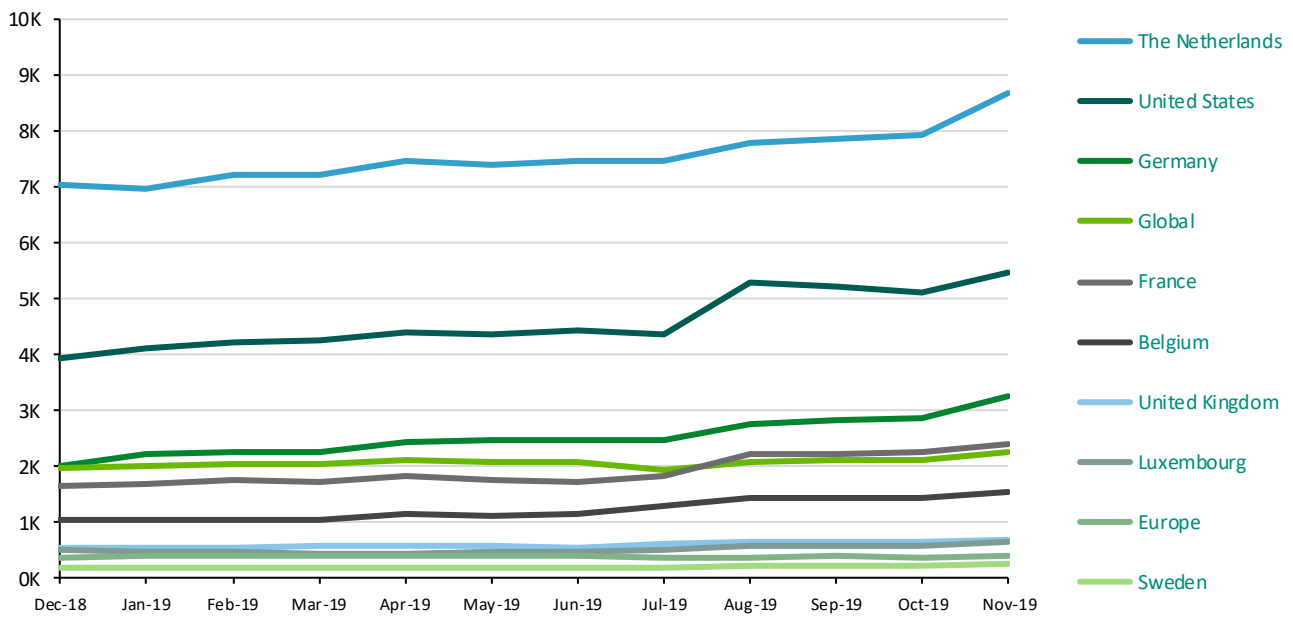
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

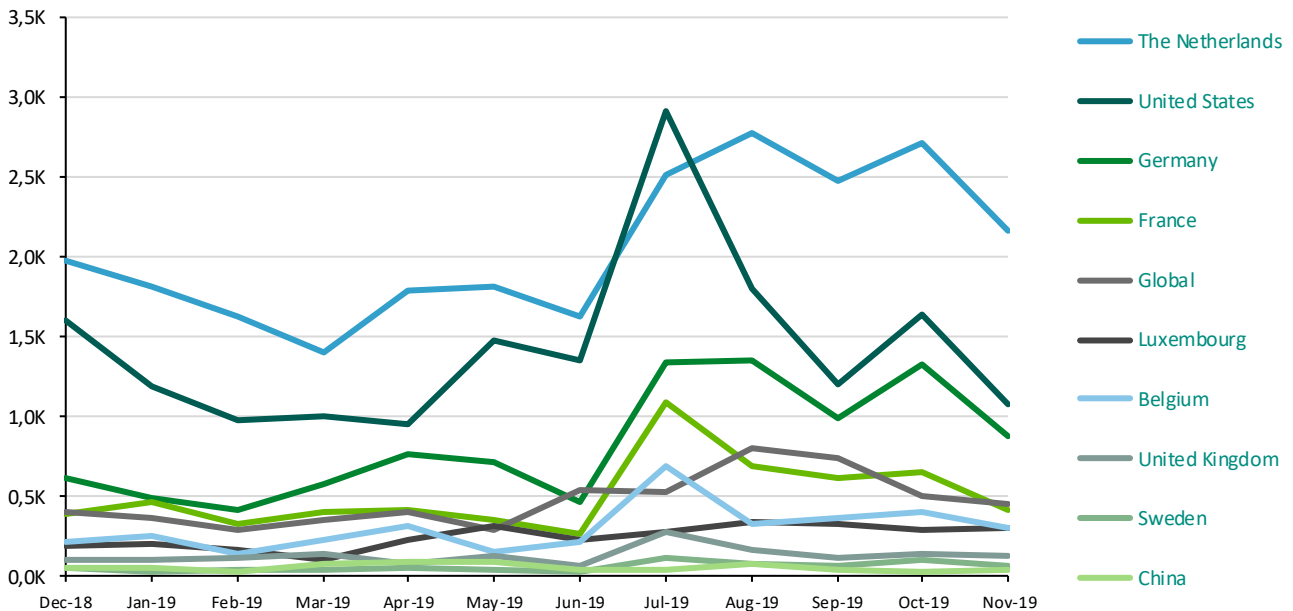
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

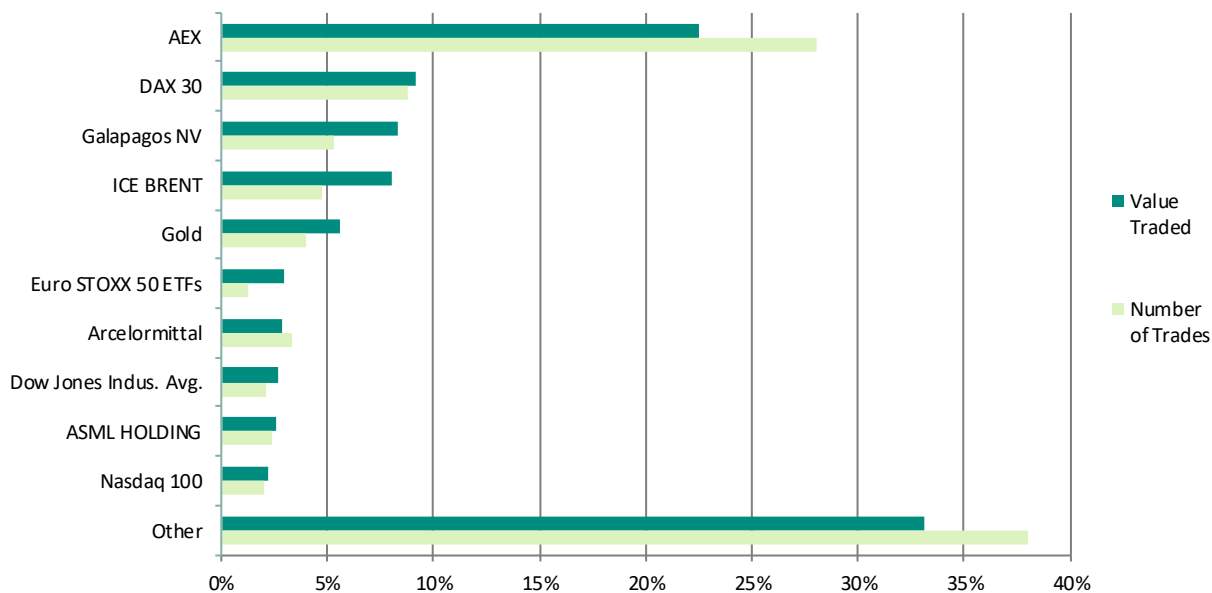
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
AEX	3,716	-15.4%	-36%	22.5%	1,694	-19.7%	-32.7%	28.0%
DAX 30	1,516	-5.4%	-11.5%	9.2%	533	-22%	-31%	8.8%
Galapagos NV	1,372	42%	59%	8.3%	320	17.3%	38%	5.3%
ICE BRENT	1,319	131%	189%	8.0%	286	60%	56%	4.7%
Gold	930	-64%	1.0%	5.6%	239	-28%	7.4%	3.9%
Euro STOXX 50 ETFs	482	-52%	-64%	2.9%	76	-58%	-53%	1.3%
Arcelormittal	480	24%	58%	2.9%	203	3.7%	25%	3.4%
Dow Jones Indus. Avg.	445	-8.1%	-9.3%	2.7%	128	-32%	-40%	2.1%
ASML HOLDING	426	-30%	-17.7%	2.6%	146	-28%	-27%	2.4%
Nasdaq 100	358	-30%	-39%	2.2%	122	-28%	-39%	2.0%
Other	5,476	-0.9%	-1.6%	33.1%	2,299	-4.4%	-7.2%	38.0%
Total	16,520	-11.3%	-11.0%	100%	6,046	-12.6%	-17.7%	100%

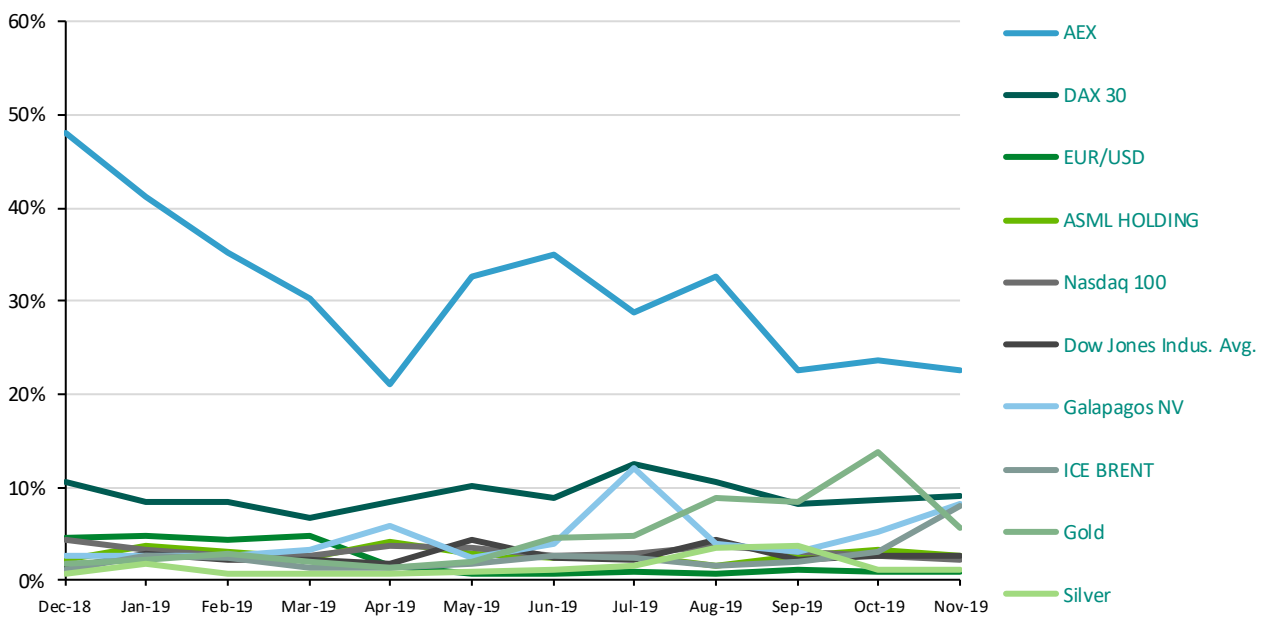
(Source Euronext)



TOP 10 UNDERLYINGS

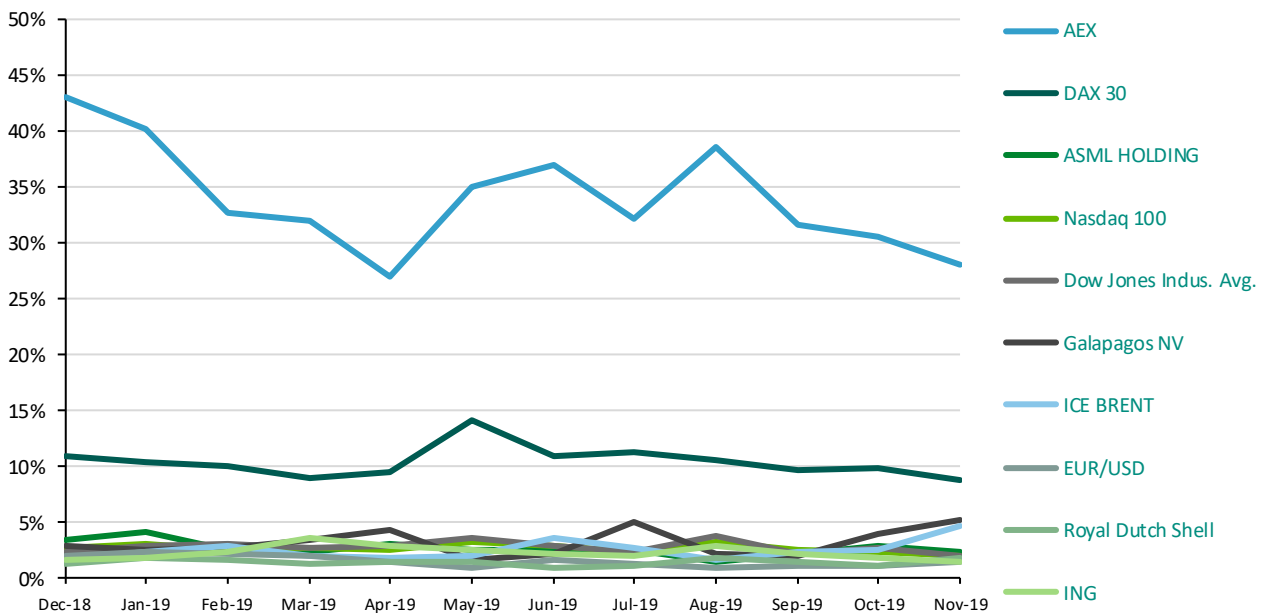
Market Trend: Value traded

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

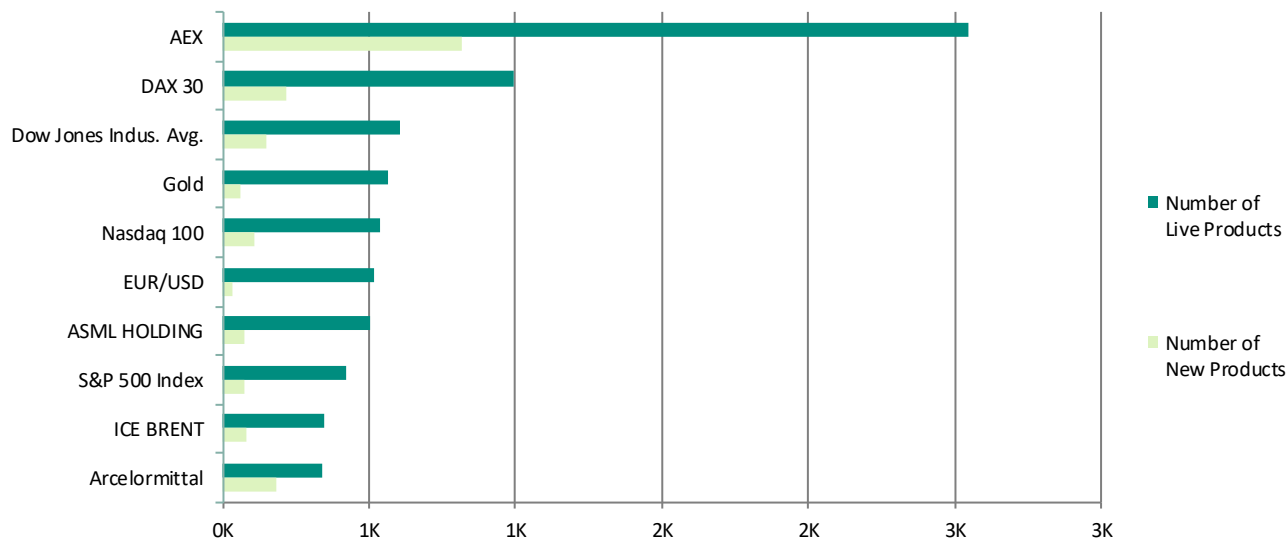
Product Overview

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	2,551	16.2%	8.5%	9.5%	818	-19.2%	8.1%	13.6%
DAX 30	991	17.2%	0.4%	3.7%	216	-52%	-27%	3.6%
Dow Jones Indus. Avg.	608	9.2%	-17.6%	2.3%	149	-38%	-40%	2.5%
Gold	565	4.4%	6.8%	2.1%	61	-7.6%	-31%	1.0%
Nasdaq 100	537	6.9%	-6.6%	2.0%	105	-41%	-44%	1.7%
EUR/USD	517	2.6%	-4.8%	1.9%	34	-59%	-59%	0.6%
ASML HOLDING	500	5.6%	22%	1.9%	74	-64%	-40%	1.2%
S&P 500 Index	421	5.7%	-15.0%	1.6%	76	-20.0%	-27%	1.3%
ICE BRENT	345	7.1%	16.9%	1.3%	77	-29%	-22%	1.3%
Arcelormittal	338	12.3%	9.4%	1.3%	180	2.9%	8.8%	3.0%
Other	19,446	7.7%	26%	72.5%	4,236	-22%	2.5%	70.3%
Total	26,818	8.6%	18.1%	100%	6,026	-25.2%	-4.1%	100%

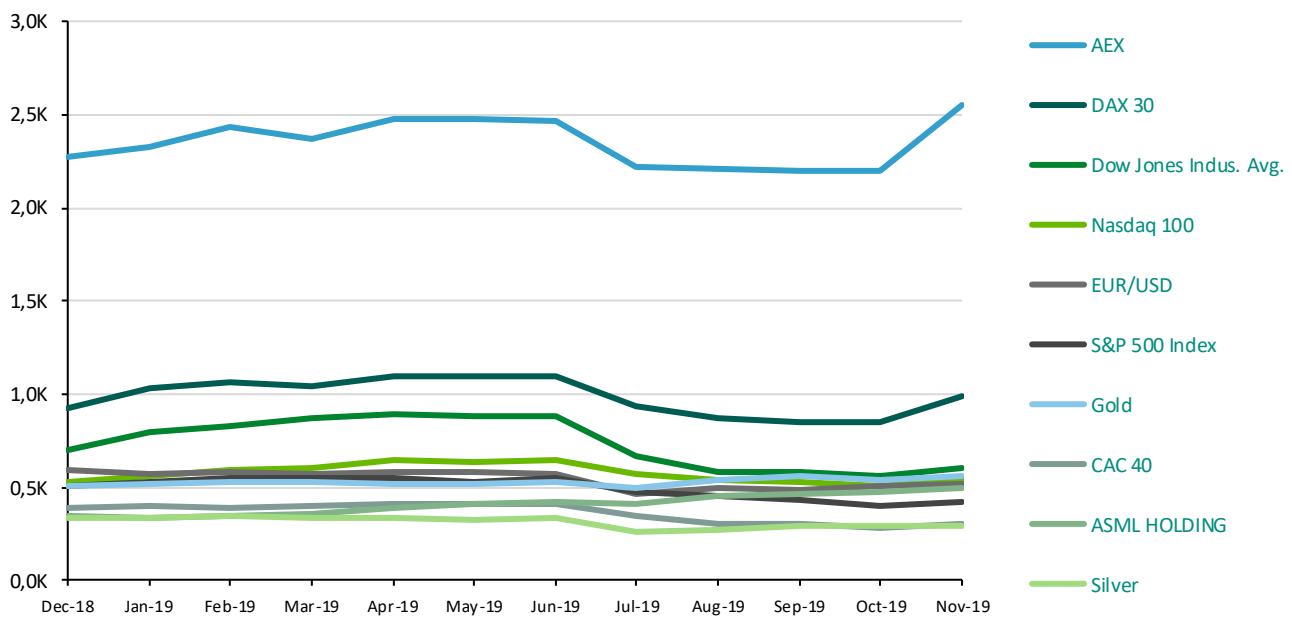
(Source Euronext)



TOP 10 UNDERLYINGS

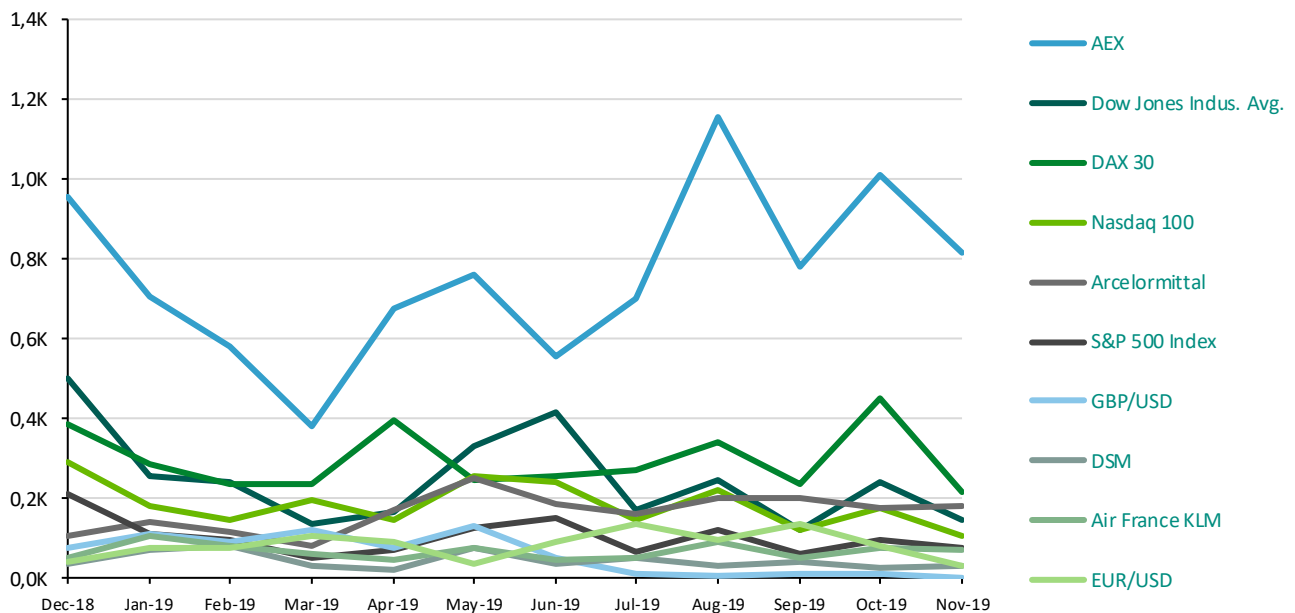
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer	Product Type	Underlying	Value Traded (in €k)	Nb of Trades
NL0013967169	BNP Paribas	2205 Open-End Knock-Out Warrants	ICE BRENT	7,302	1,401
DE000VF6XJM2	Vontobel	2205 Open-End Knock-Out Warrants	Gold	4,271	137
NL0013608847	Goldman Sachs	2210 Mini-Futures	OCI NV	3,480	30
NL0013886740	ING	2205 Open-End Knock-Out Warrants	ICE BRENT	2,212	523
NL0013990112	BNP Paribas	2210 Mini-Futures	ICE BRENT	2,210	75
NL0013771579	ING	2100 Warrants	Euro STOXX 50 ETFs	2,028	297
NL0013576317	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	1,862	227
NL0013614837	Goldman Sachs	2210 Mini-Futures	Altice	1,805	55
DE000CU6HJU2	Commerzbank	2205 Open-End Knock-Out Warrants	DAX 30	1,776	346
NL0011796461	BNP Paribas	2210 Mini-Futures	Arcelormittal	1,763	305
DE000VE138A8	Vontobel	2200 Knock-Out Warrants	ASML HOLDING	1,712	58
NL0013984131	BNP Paribas	2205 Open-End Knock-Out Warrants	ICE BRENT	1,635	181
NL0013968084	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	1,627	537
DE000CU6HET5	Commerzbank	2205 Open-End Knock-Out Warrants	AEX	1,621	921
DE000CU6HNS8	Commerzbank	2210 Mini-Futures	ICE BRENT	1,611	357
NL0013969488	BNP Paribas	2210 Mini-Futures	ICE BRENT	1,596	77
NL0013588791	BNP Paribas	2210 Mini-Futures	Gold	1,544	124
NL0013003817	BNP Paribas	2210 Mini-Futures	AEX	1,542	233
NL0014041766	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	1,493	229
NL0013985518	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	1,458	20
NL0013979792	BNP Paribas	2210 Mini-Futures	AEX	1,447	24
NL0013003825	BNP Paribas	2210 Mini-Futures	AEX	1,386	252
NL0013985187	BNP Paribas	2210 Mini-Futures	AEX	1,263	202
DE000CU1EEG0	Commerzbank	2205 Open-End Knock-Out Warrants	AEX	1,256	3,965
DE000CU1FTL5	Commerzbank	2205 Open-End Knock-Out Warrants	AEX	1,246	52
NL0012464580	ING	2205 Open-End Knock-Out Warrants	DAX 30	1,227	448
NL0013774359	Goldman Sachs	2210 Mini-Futures	Thyssenkrupp	1,223	13
NL0013579998	BNP Paribas	2210 Mini-Futures	Gold	1,204	94
NL0013576325	BNP Paribas	2205 Open-End Knock-Out Warrants	DAX 30	1,200	87
NL0012703078	ING	2100 Warrants	Euro STOXX 50 ETFs	1,195	74
NL0013990500	BNP Paribas	2210 Mini-Futures	AEX	1,146	86
DE000CU6HR96	Commerzbank	2205 Open-End Knock-Out Warrants	Unicredito Italiano	1,140	50
NL0013988991	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	1,130	52
NL0013577778	BNP Paribas	2205 Open-End Knock-Out Warrants	Galapagos NV	1,105	291
NL0013771587	ING	2100 Warrants	Euro STOXX 50 ETFs	1,095	198
NL0013977184	BNP Paribas	2205 Open-End Knock-Out Warrants	ICE BRENT	1,063	315
NL0013979420	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	1,062	967
DE000CU6HF09	Commerzbank	2200 Knock-Out Warrants	DAX 30	1,030	226
NL0012464572	ING	2205 Open-End Knock-Out Warrants	DAX 30	1,012	472
NL0014047714	BNP Paribas	2210 Mini-Futures	ICE BRENT	1,012	34
NL0013990401	BNP Paribas	2210 Mini-Futures	AEX	1,011	155
NL0013751472	BNP Paribas	2210 Mini-Futures	Gold	1,002	167
NL0013745045	Goldman Sachs	2210 Mini-Futures	Altice	998	43
NL0014040735	BNP Paribas	2205 Open-End Knock-Out Warrants	ICE BRENT	990	314
NL0013986235	BNP Paribas	2205 Open-End Knock-Out Warrants	Galapagos NV	989	218
NL0013818677	Goldman Sachs	2205 Open-End Knock-Out Warrants	AEX	975	81
DE000CU6HR13	Commerzbank	2205 Open-End Knock-Out Warrants	Intesa Sanpaolo	935	69
NL0013980295	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	930	54
NL0013990435	BNP Paribas	2210 Mini-Futures	DAX 30	915	64
DE000CU6GNR2	Commerzbank	2210 Mini-Futures	ICE BRENT	892	207

(Source Euronext)



Euronext Brussels

ISSUERS

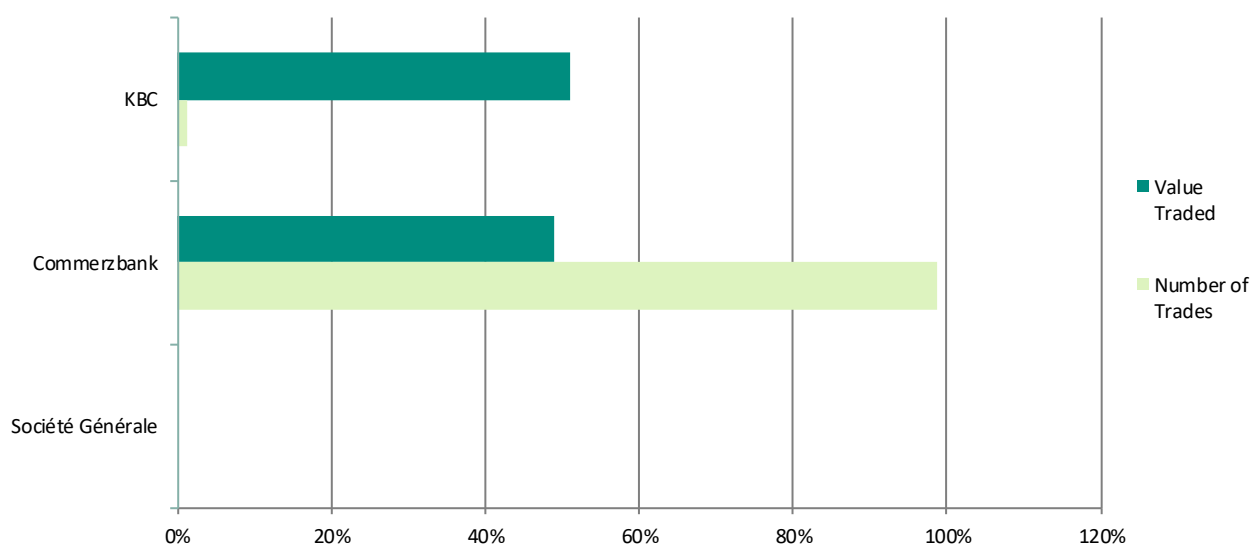
Market Overview

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	543	57%	137%	51.0%	3.5	17.5%	126.0%	1.3%
Commerzbank	523	62%	29%	49.0%	269	18.1%	23.7%	98.7%
Société Générale	0	-100%	-100%	0.0%	0.0	-100.0%	-100.0%	0.0%
Total	1,066	59.5%	68.2%	100%	272	18.1%	24.4%	100%

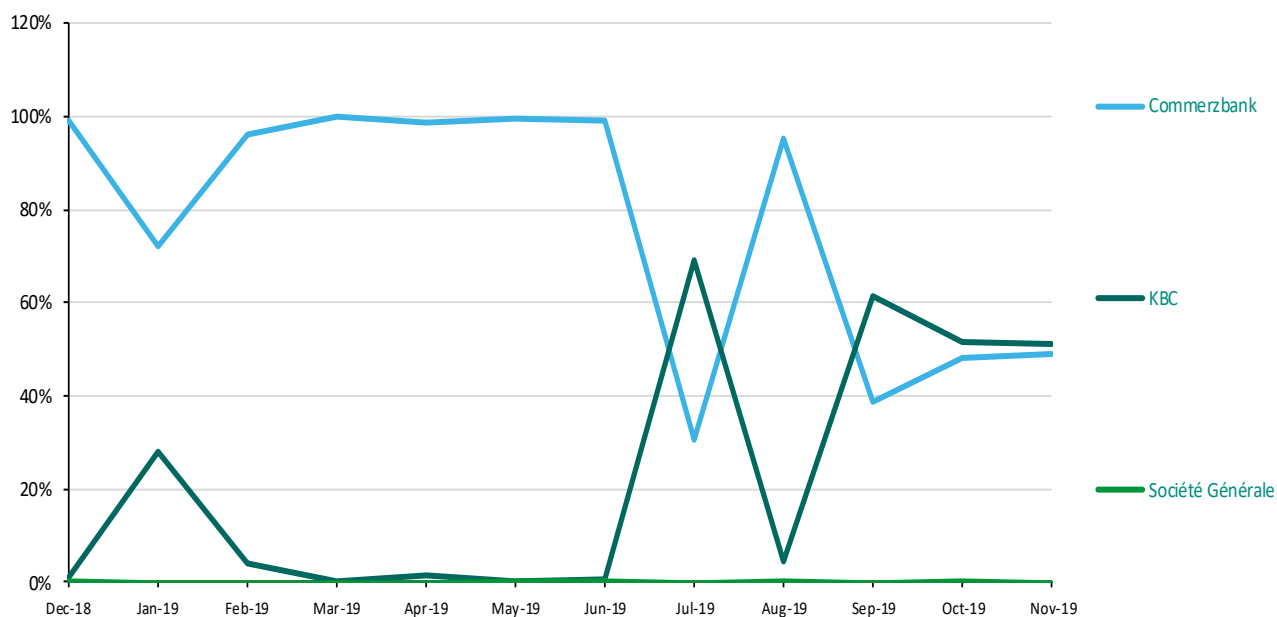
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ISSUERS

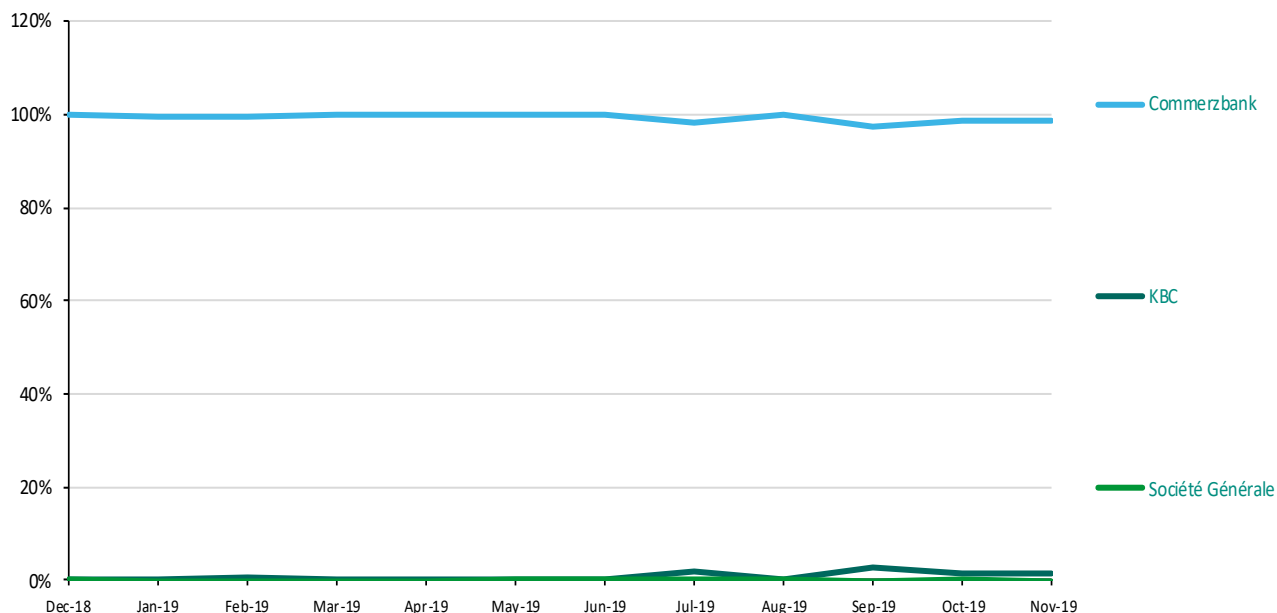
Market Trend: Value traded

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

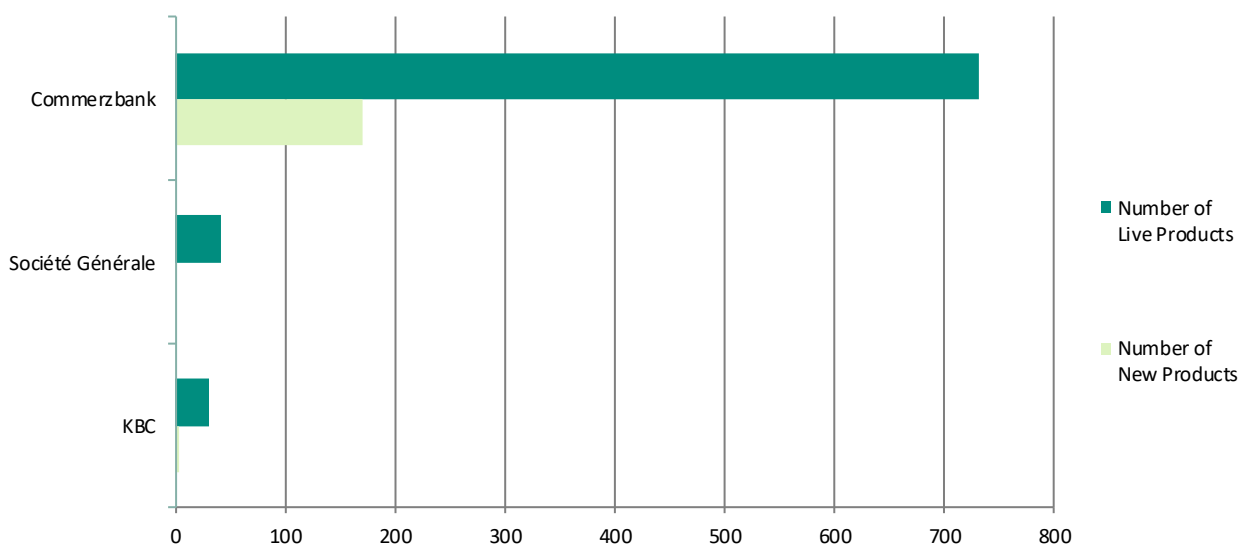
Product Overview

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	732	5.4%	1.8%	91.0%	171	-16.6%	-15.7%	98.3%
Société Générale	42	0.0%	-5.3%	5.2%	0			0.0%
KBC	31	2.5%	17.0%	3.8%	3	-25%	64%	1.7%
Total	804	5.0%	1.9%	100%	174	-16.7%	-15.0%	100%

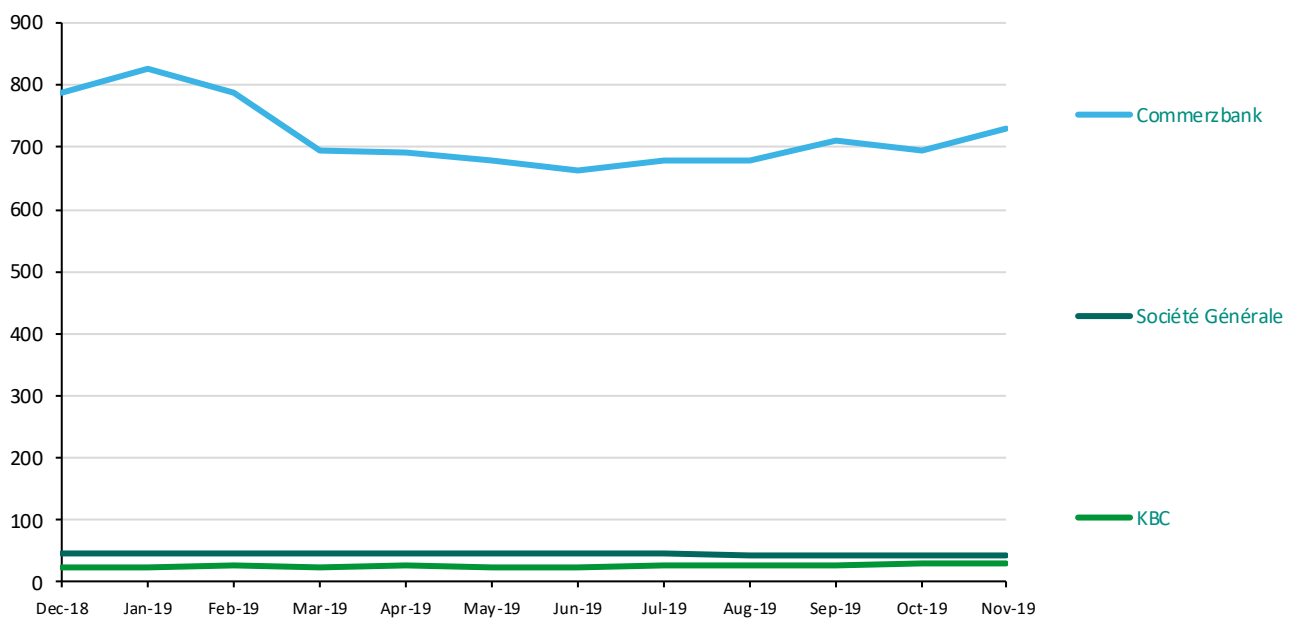
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ISSUERS

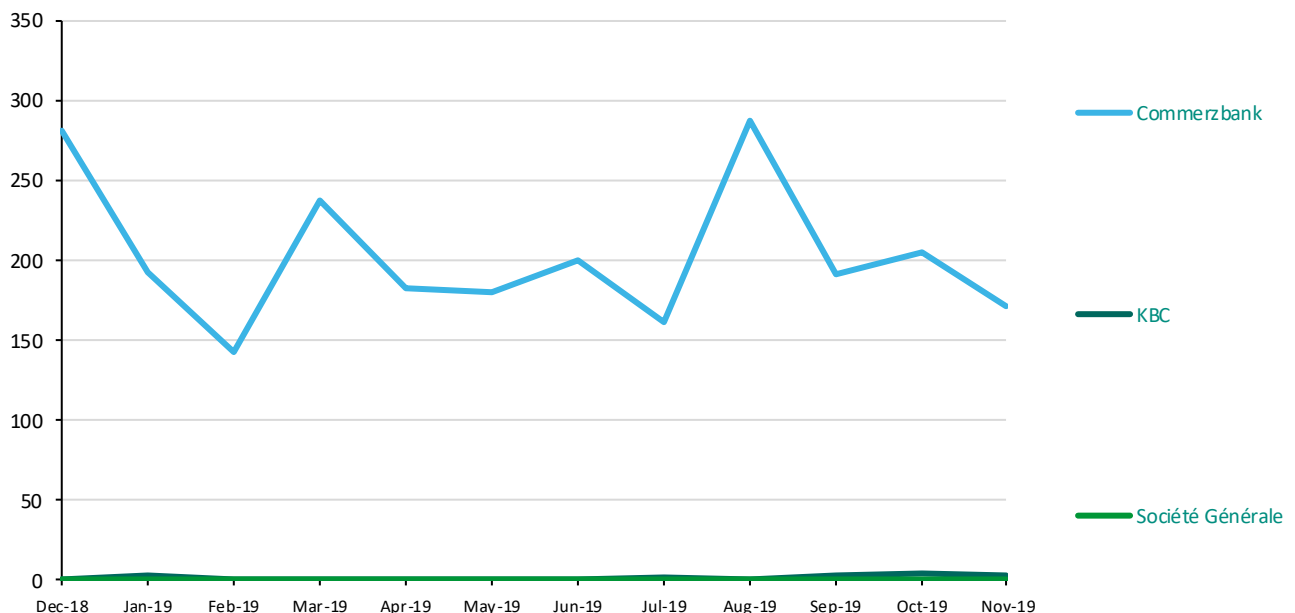
Product Trend: Number of Live Products

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

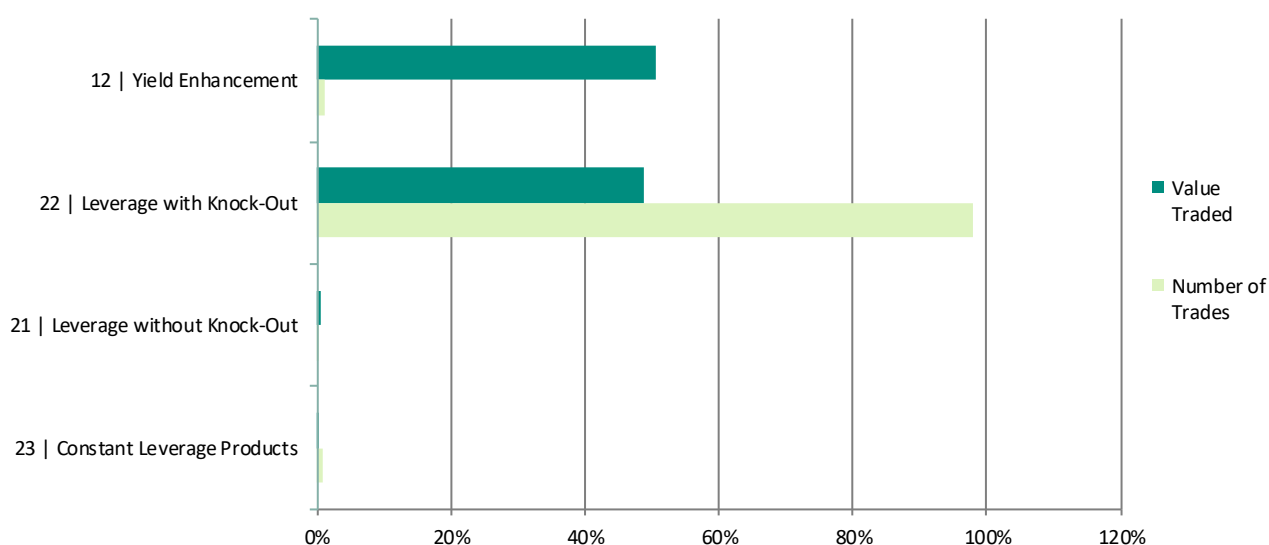
Market Overview

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	538	57%	138%	50.5%	3.0	7.8%	139.6%	1.1%
22 Leverage with Knock-Out	521	65%	30%	48.9%	267	19.0%	25.0%	98.0%
21 Leverage without Knock-Out	5	171%	35%	0.5%	0.5	141.0%	70.6%	0.2%
23 Constant Leverage Products	2	-75%	-57%	0.2%	2.0	-40.4%	-47.1%	0.8%
Total	1,066	59.5%	68.2%	100%	272	18.1%	24.4%	100%

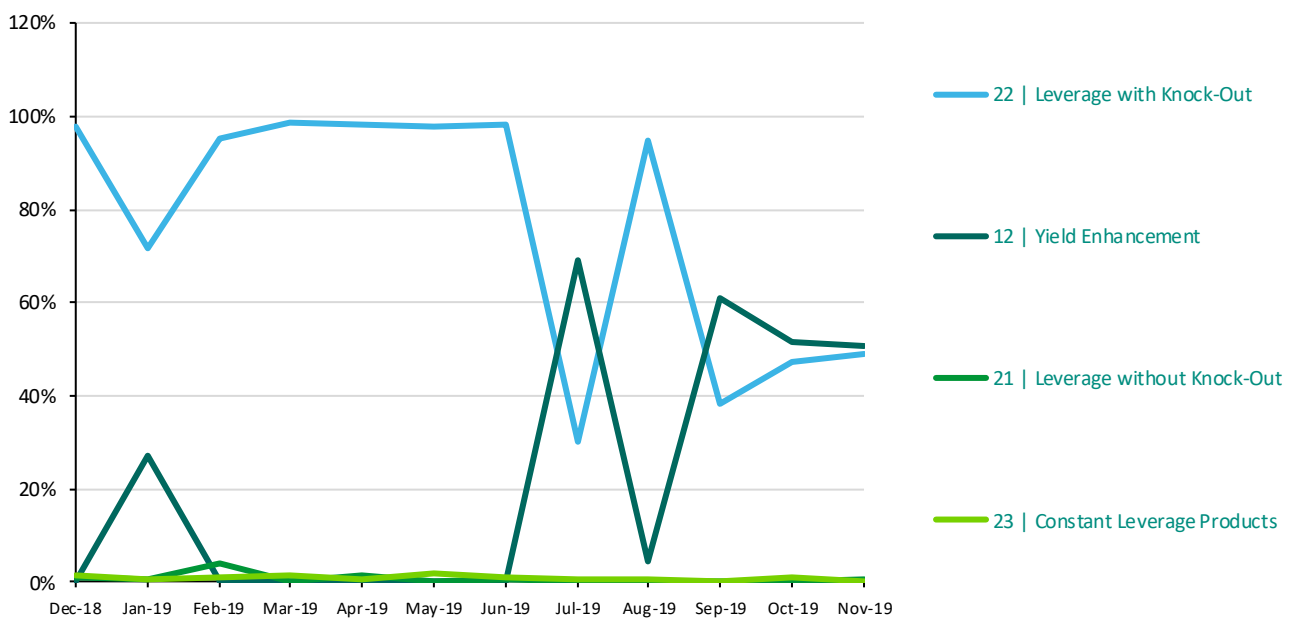
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

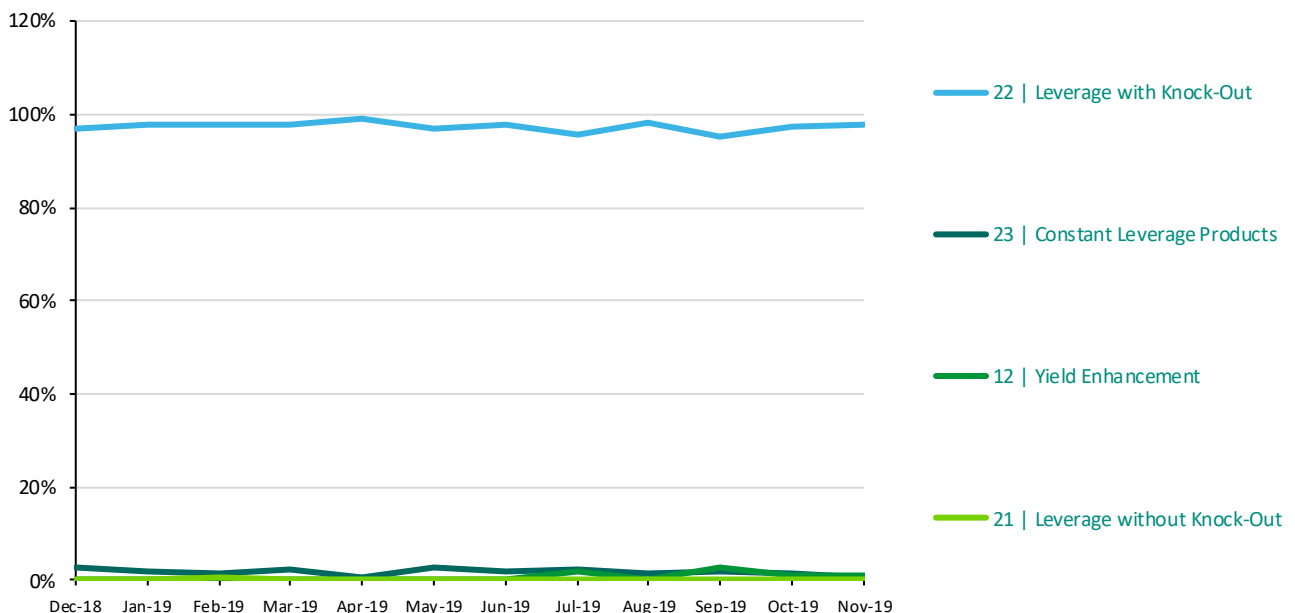
Market Trend: Value traded

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

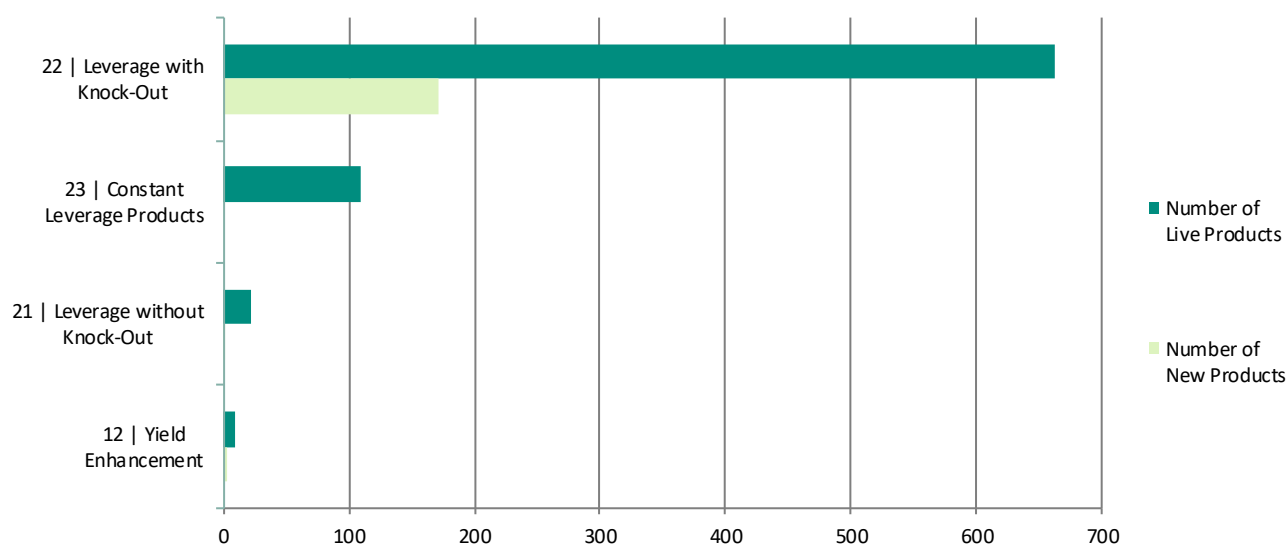
Product Overview

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	664	6.1%	2.8%	82.5%	171	-16.6%	-11.8%	98.3%
23 Constant Leverage Products	110	-0.3%	-6.3%	13.7%	0		-100%	0.0%
21 Leverage without Knock-Out	21	-7.7%	-5.3%	2.7%	1	0.0%	-7.7%	0.6%
12 Yield Enhancement	9	38%	162%	1.1%	2	-33%	167%	1.1%
Total	804	5.0%	1.9%	100%	174	-16.7%	-15.0%	100%

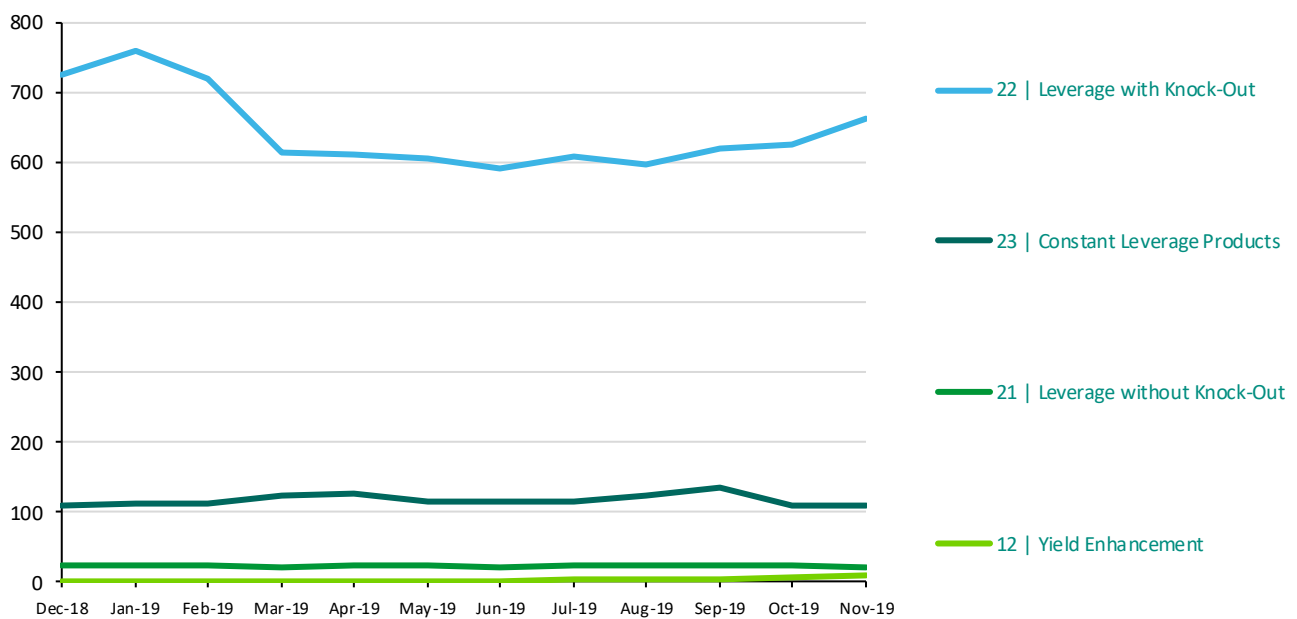
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

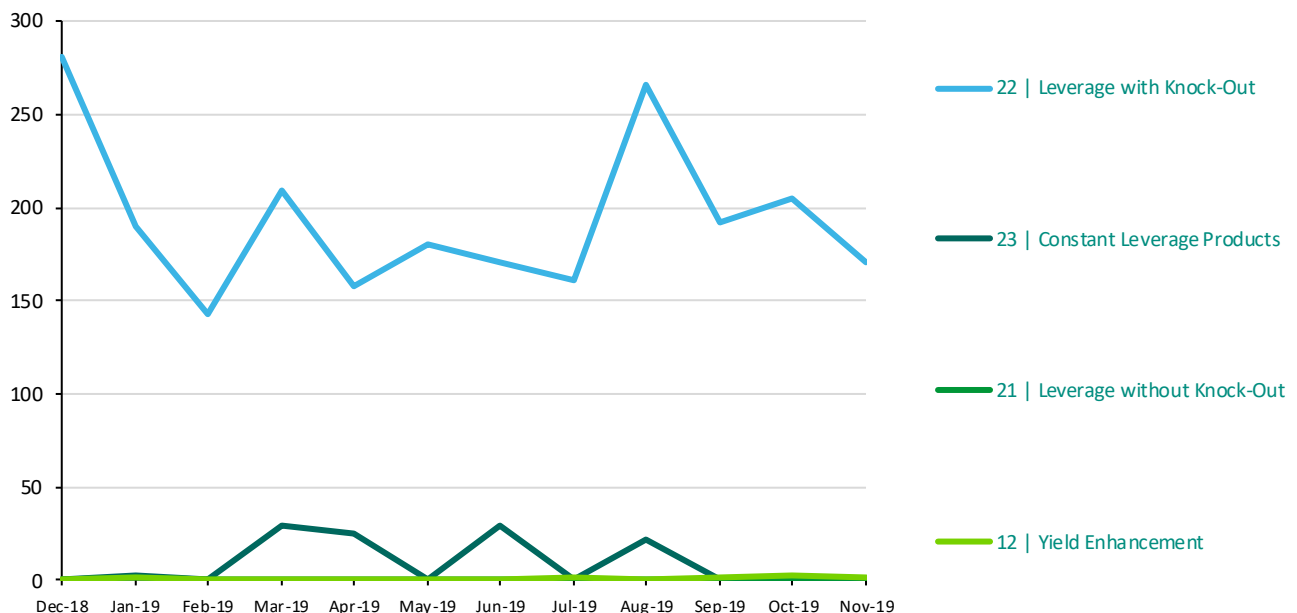
Product Trend: Number of Live Products

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)

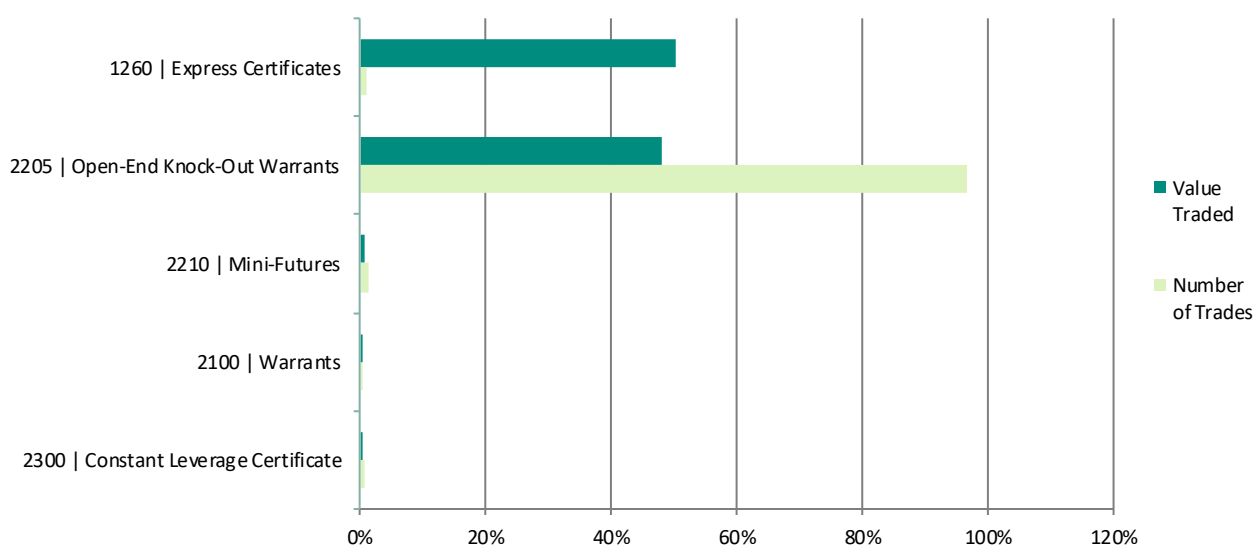
Market Overview

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	538	57%	138%	50.5%	3.0	7.8%	139.6%	1.1%
2205 Open-End Knock-Out Warrants	514	64%	30%	48.2%	263	18.2%	25%	96.7%
2210 Mini-Futures	7	170%	18.4%	0.7%	3.5	138%	8.1%	1.3%
2100 Warrants	5	171%	35%	0.5%	0.5	141%	71%	0.2%
2300 Constant Leverage Certificate	2	-75%	-57%	0.2%	2.0	-40%	-47%	0.8%
Total	1,066	59.5%	68.2%	100%	272	18.1%	24.4%	100%

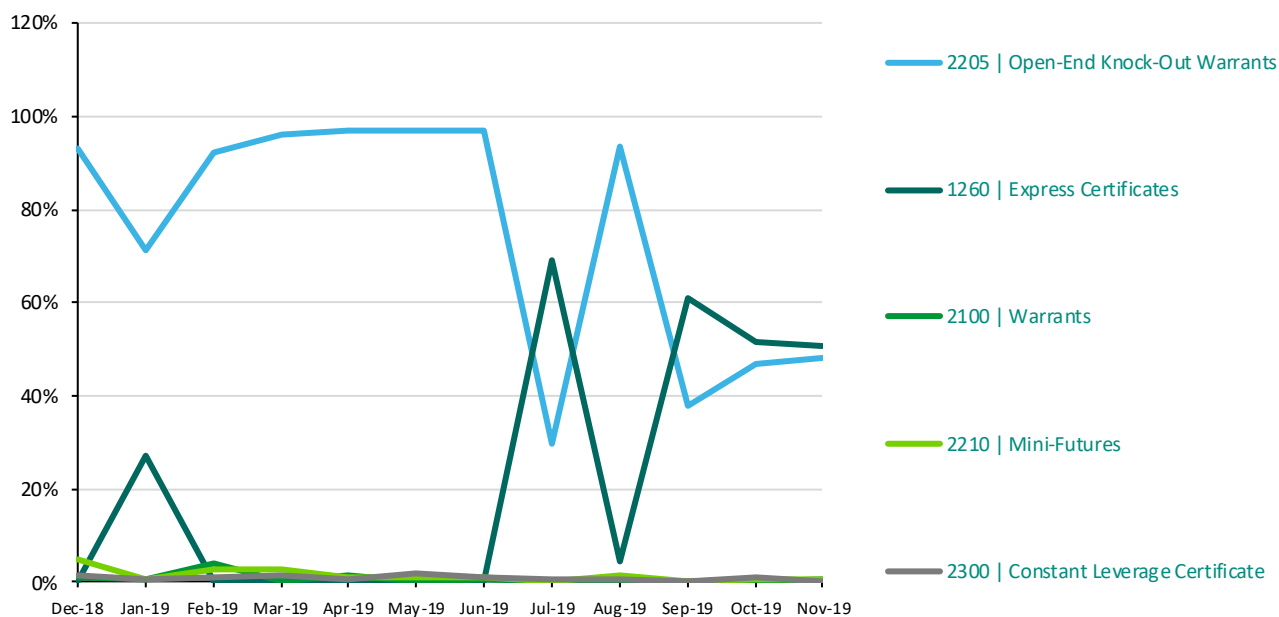
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

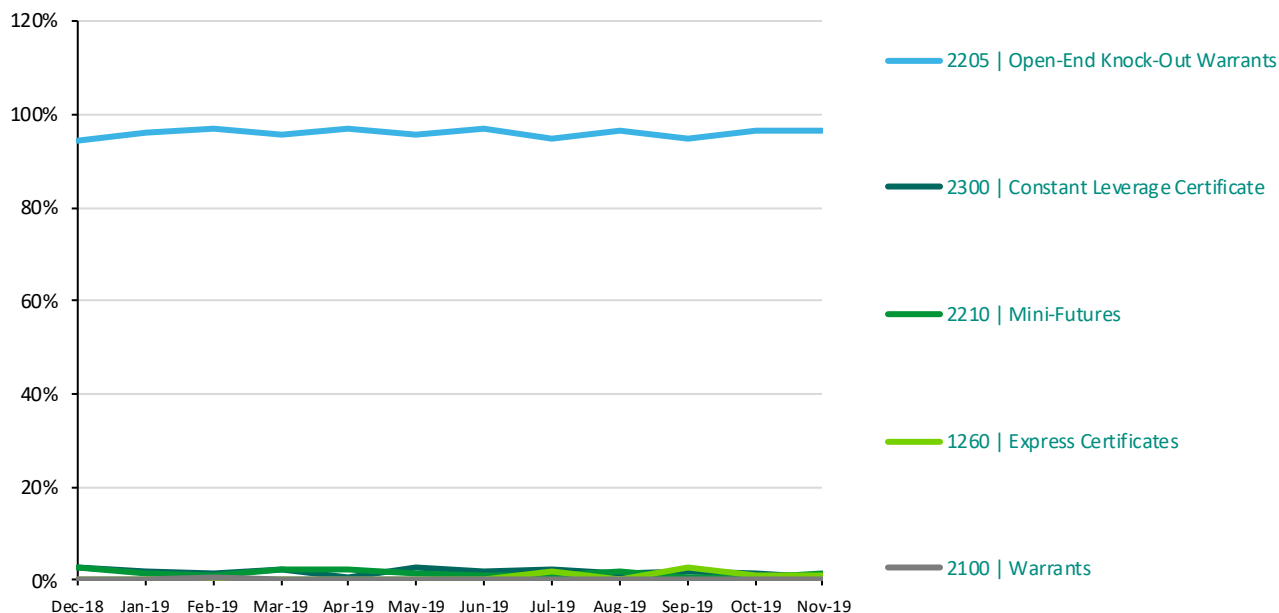
Market Trend: Value traded

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

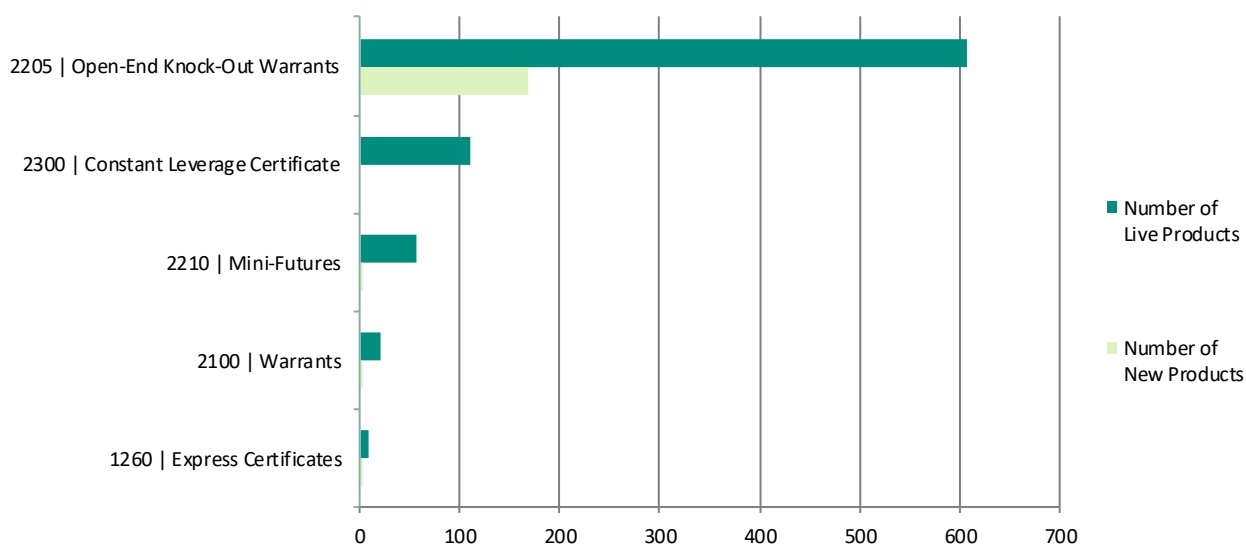
Product Overview

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	607	6.5%	4.5%	75.5%	169	-17.2%	-11.8%	97.1%
2300 Constant Leverage Certificate	110	-0.3%	-6.3%	13.7%	0		-100%	0.0%
2210 Mini-Futures	57	2.1%	-13.1%	7.1%	2	100%	-14.3%	1.1%
2100 Warrants	21	-7.7%	-5.3%	2.7%	1	0.0%	-7.7%	0.6%
1260 Express Certificates	9	38%	162%	1.1%	2	-33%	167%	1.1%
Total	804	5.0%	1.9%	100%	174	-16.7%	-15.0%	100%

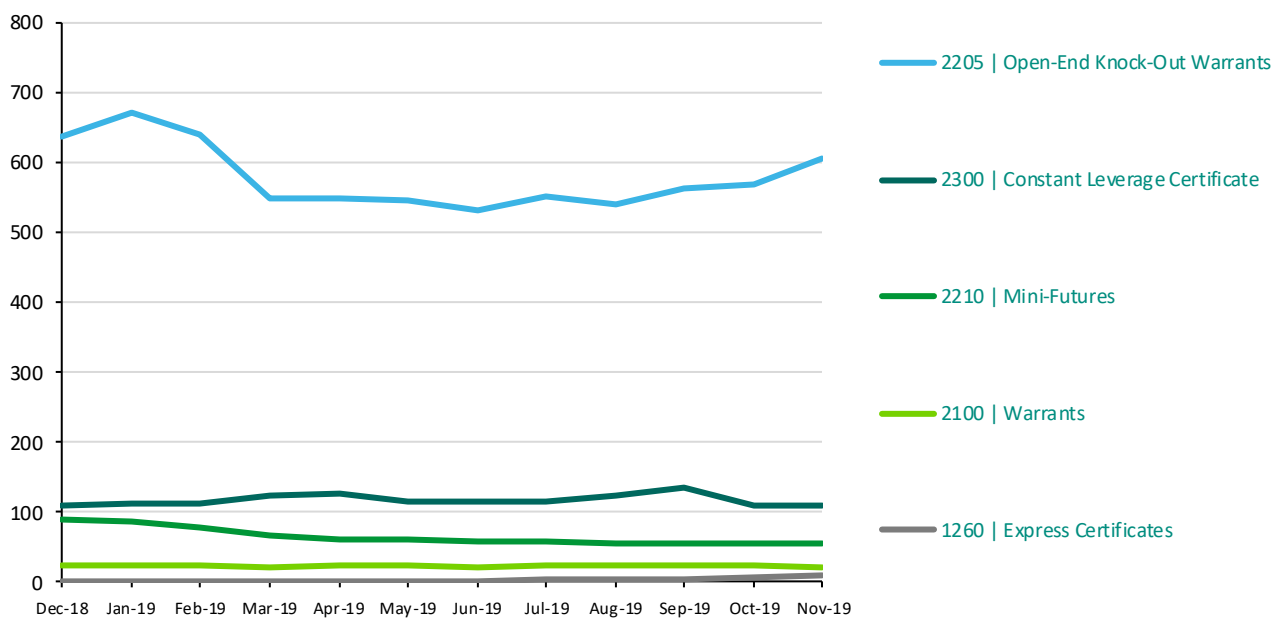
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

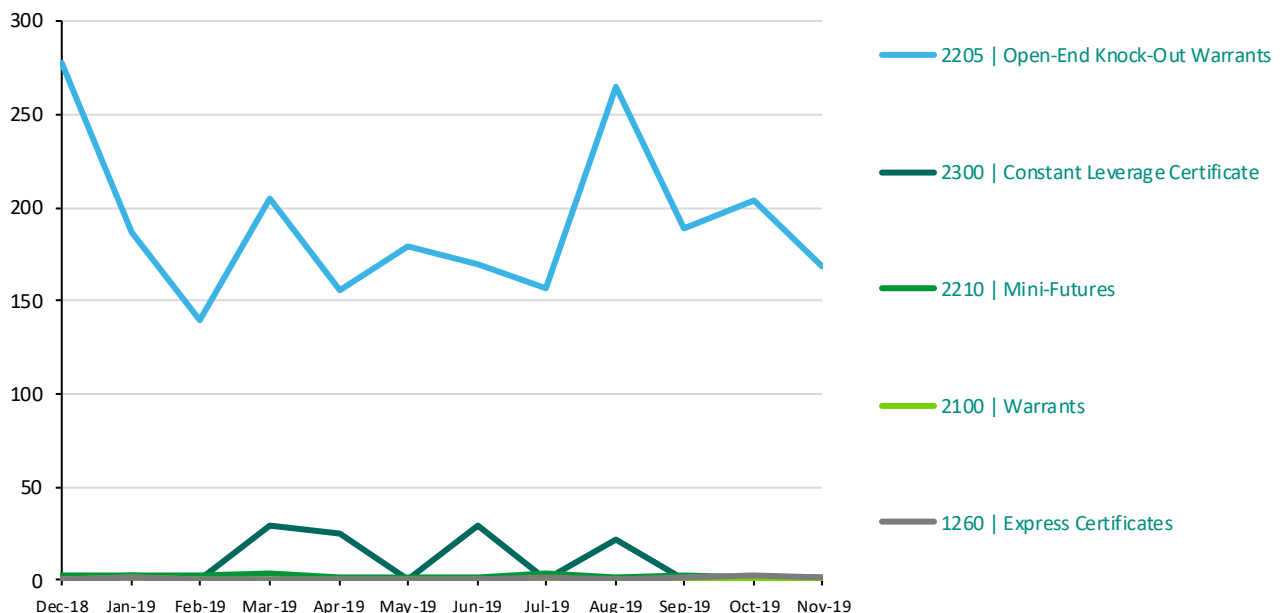
Product Trend: Number of Live Products

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

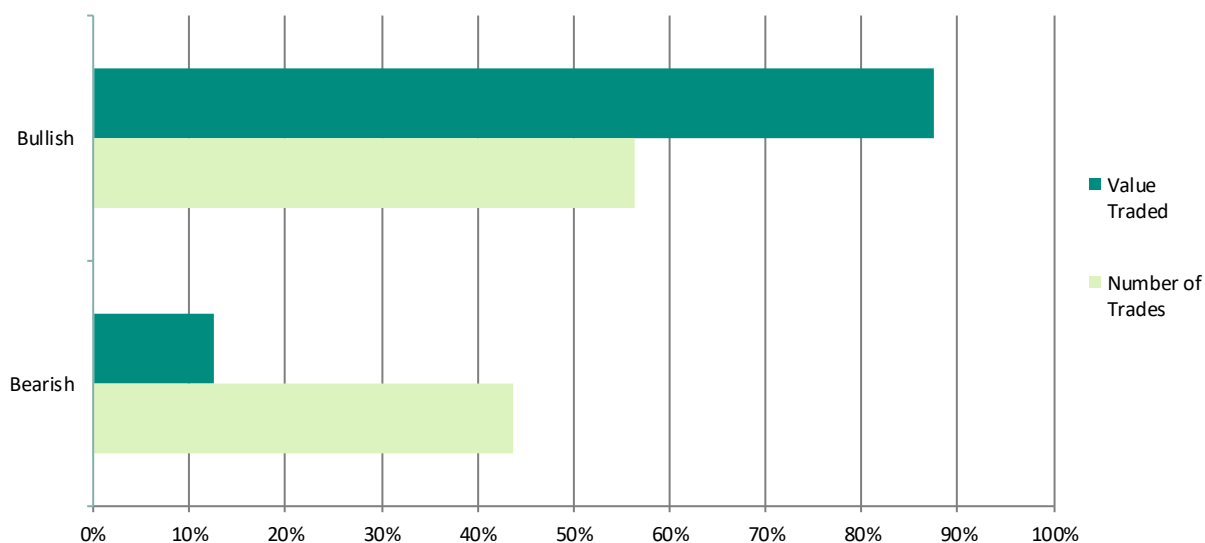
Market Overview

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	932	72%	91%	87.5%	153	-6.1%	12.4%	56.3%
Bearish	133	5.1%	-7.9%	12.5%	119	77%	44%	43.7%
Total	1,066	59.5%	68.2%	100%	272	18.1%	24.4%	100%

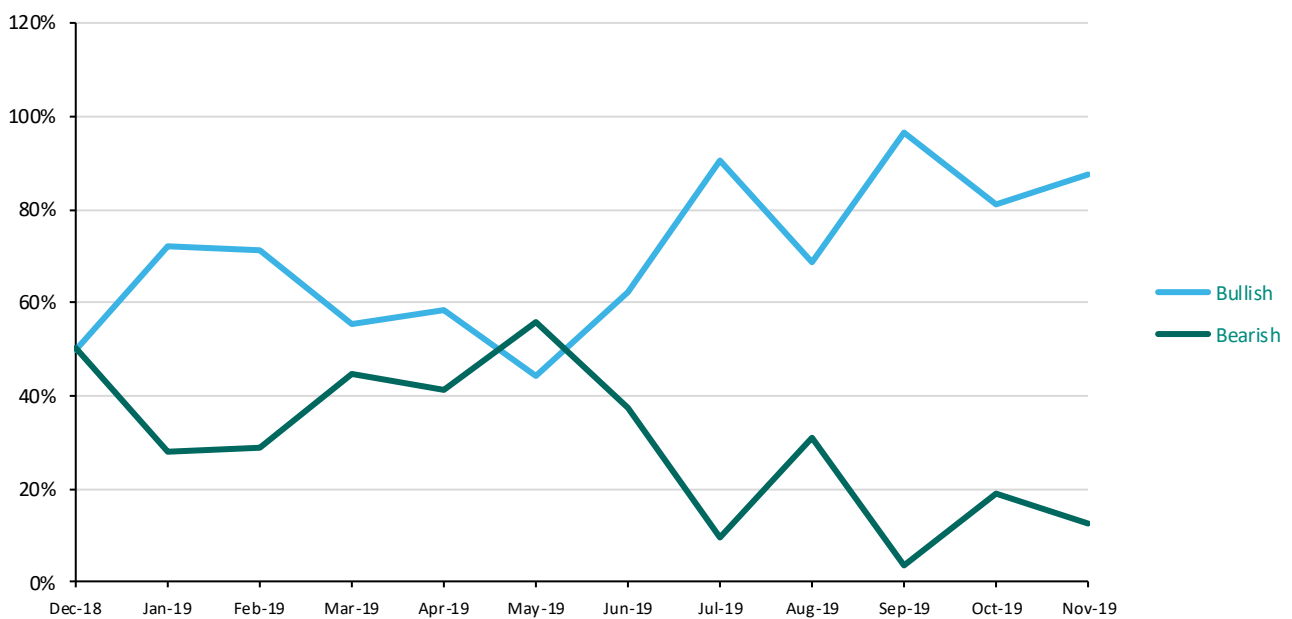
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PRODUCT STRATEGIES

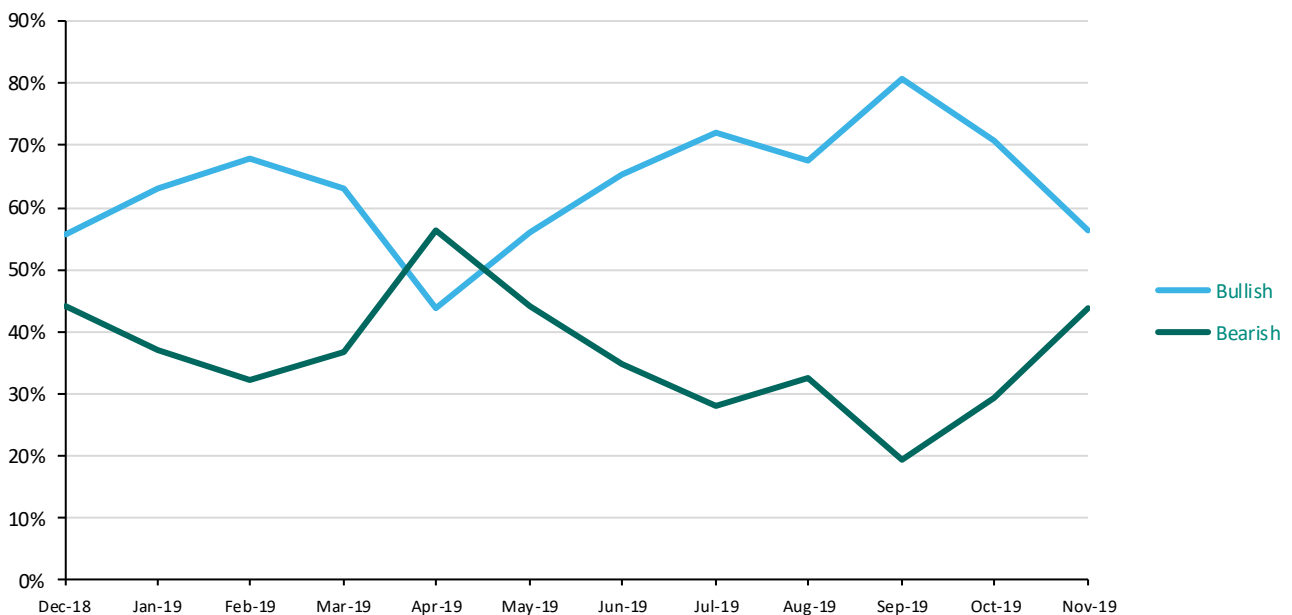
Market Trend: Value traded

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

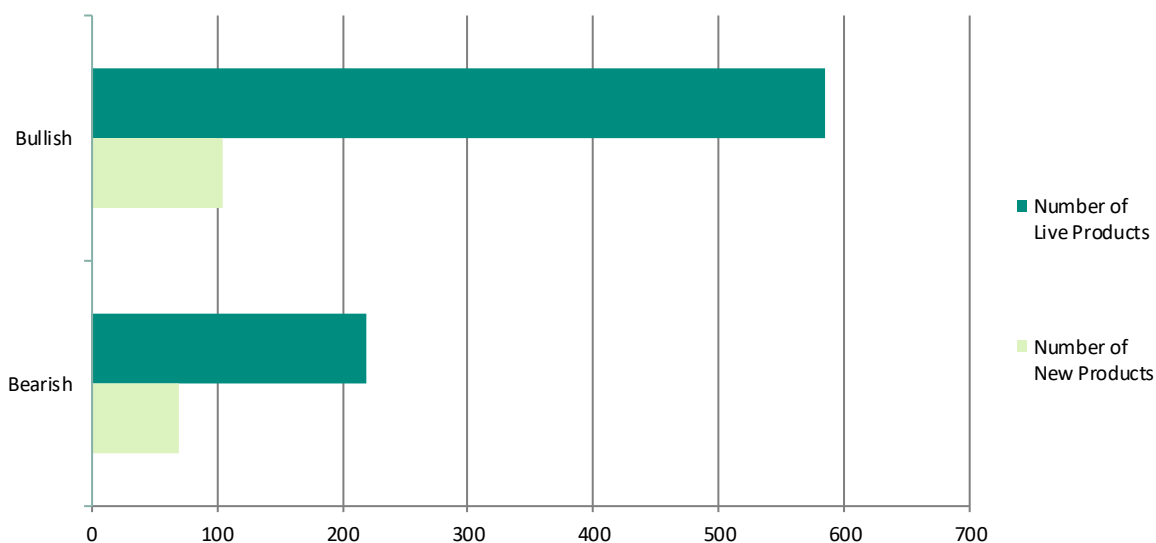
Product Overview

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	585	8.5%	11.0%	72.8%	104	-18.8%	-12.8%	59.8%
Bearish	219	-3.3%	-16.4%	27.2%	70	-13.6%	-18.1%	40.2%
Total	804	5.0%	1.9%	100%	174	-16.7%	-15.0%	100%

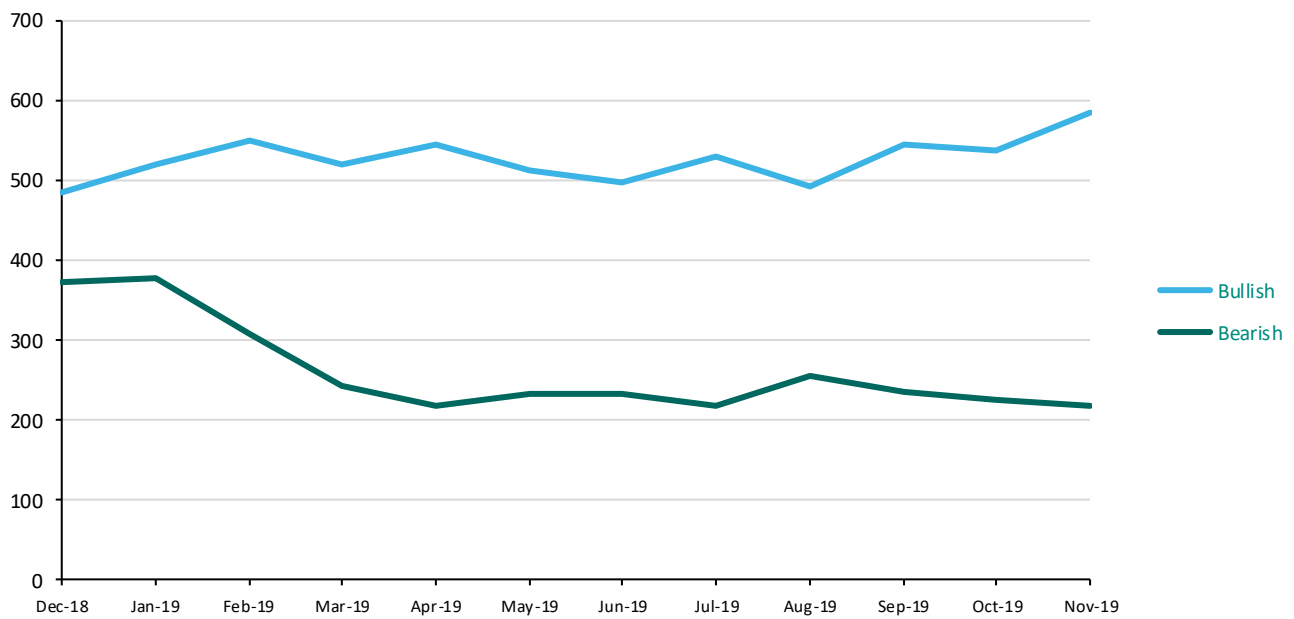
(Source Euronext)



PRODUCT STRATEGIES

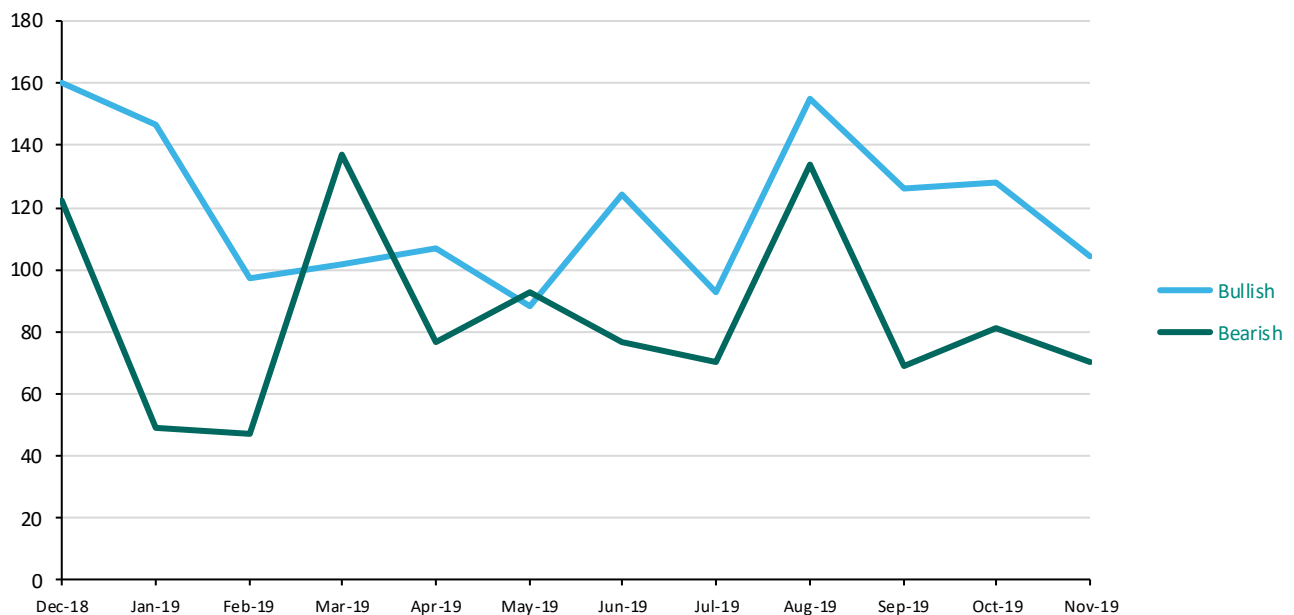
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

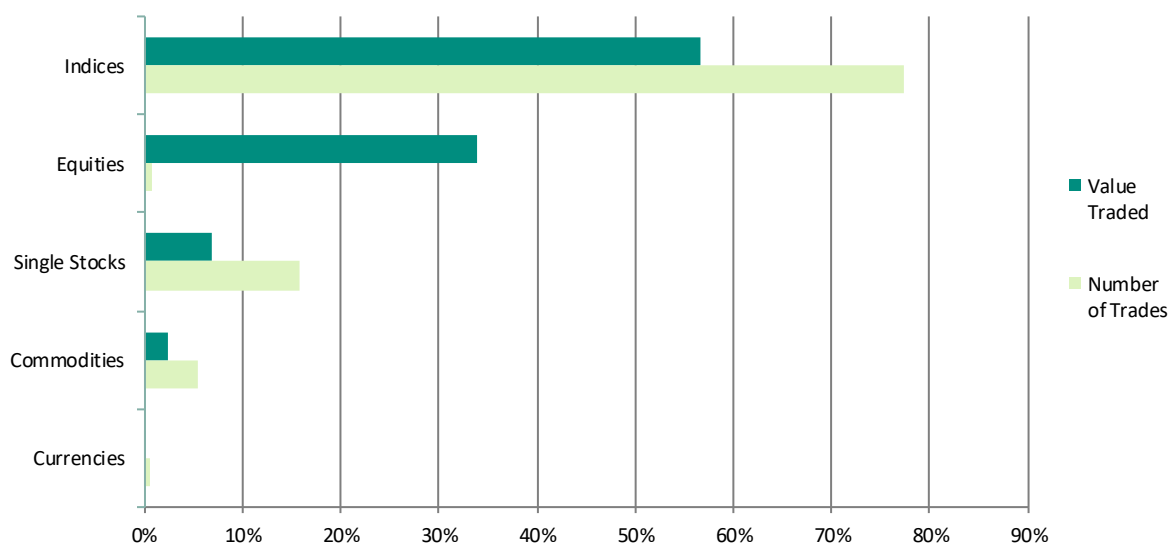
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	604	91%	43%	56.7%	211	27.0%	46.7%	77.5%
Equities	362	46%	239%	34.0%	1.9	-12.4%	196.8%	0.7%
Single Stocks	73	-6.1%	-0.7%	6.8%	43	-3.0%	-24.0%	15.8%
Commodities	26	-0.8%	-9.2%	2.4%	15	-9.6%	1.0%	5.5%
Currencies	1	155%	-49%	0.1%	1.4	-0.4%	-52.7%	0.5%
Total	1,066	59.5%	68.2%	100%	272	18.1%	24.4%	100%

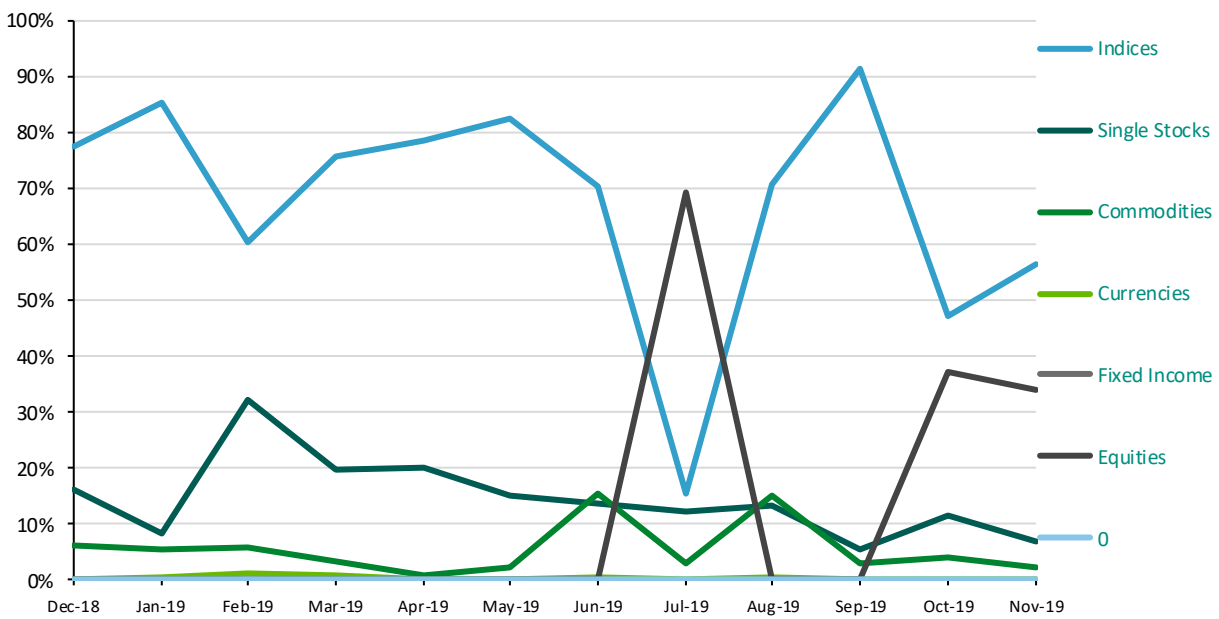
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UNDERLYING TYPES

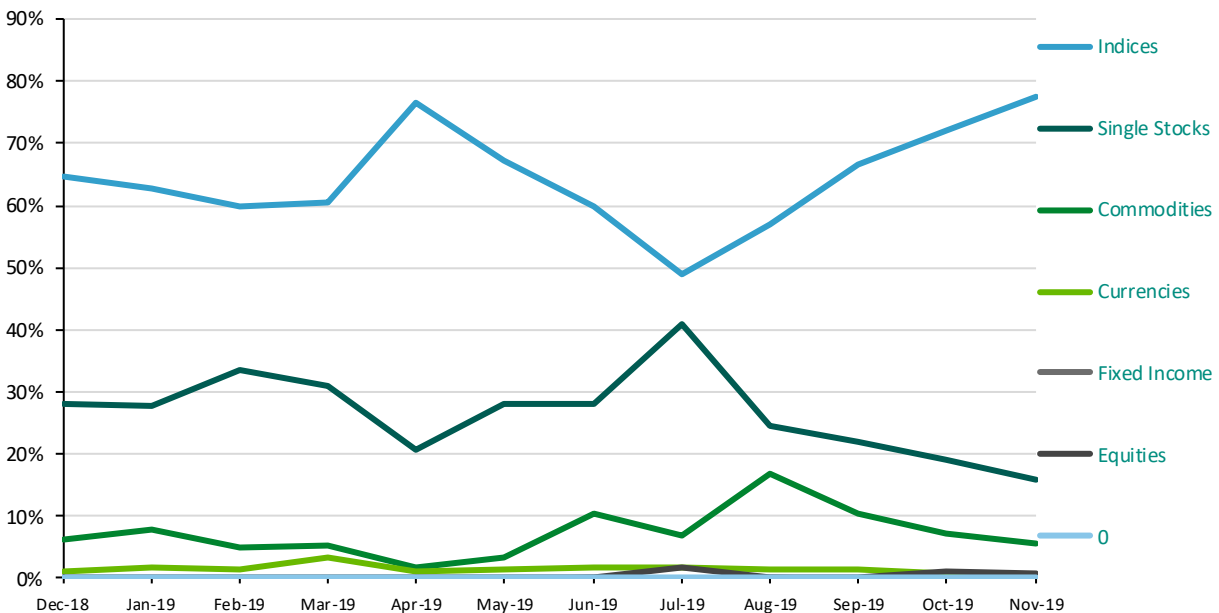
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

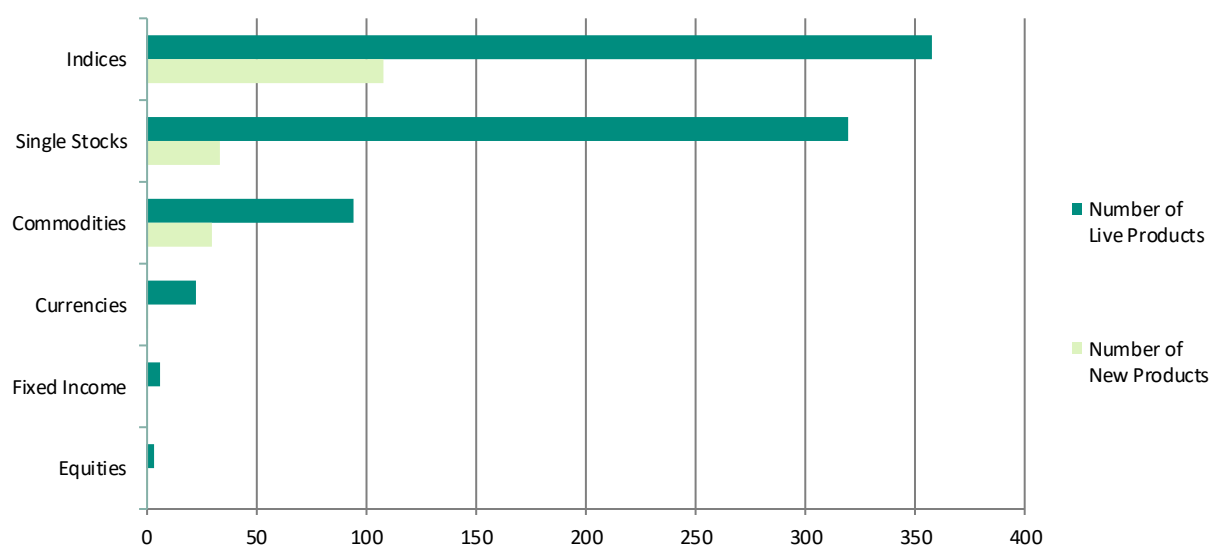
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	358	6.6%	2.5%	44.5%	108	-21%	-12.6%	62.1%
Single Stocks	320	5.4%	-0.4%	39.8%	33	-13.2%	-15.2%	19.0%
Commodities	94	-1.2%	7.5%	11.7%	30	0.0%	-17.2%	17.2%
Currencies	23	-0.4%	-5.8%	2.8%	1	-50%	-76%	0.6%
Fixed Income	6	0.0%	-13.4%	0.7%	0		-100%	0.0%
Equities	4	55%	418%	0.5%	1	-50%	200%	0.6%
Total	804	5.0%	1.9%	100%	174	-16.7%	-15.0%	100%

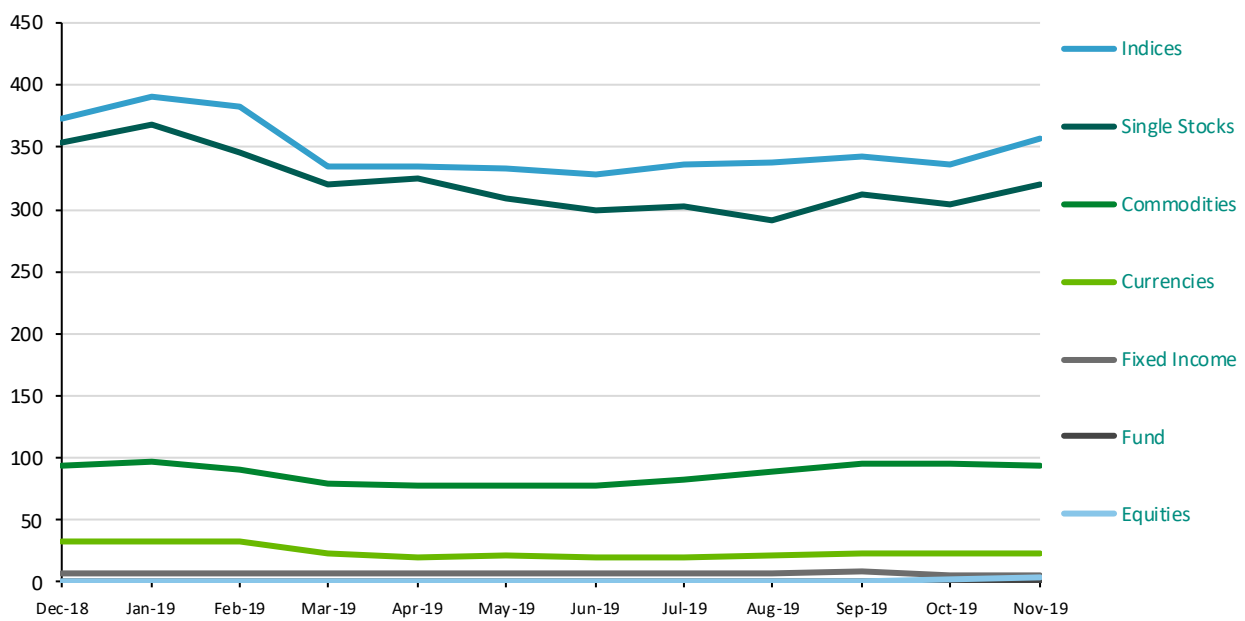
(Source Euronext)



UNDERLYING TYPES

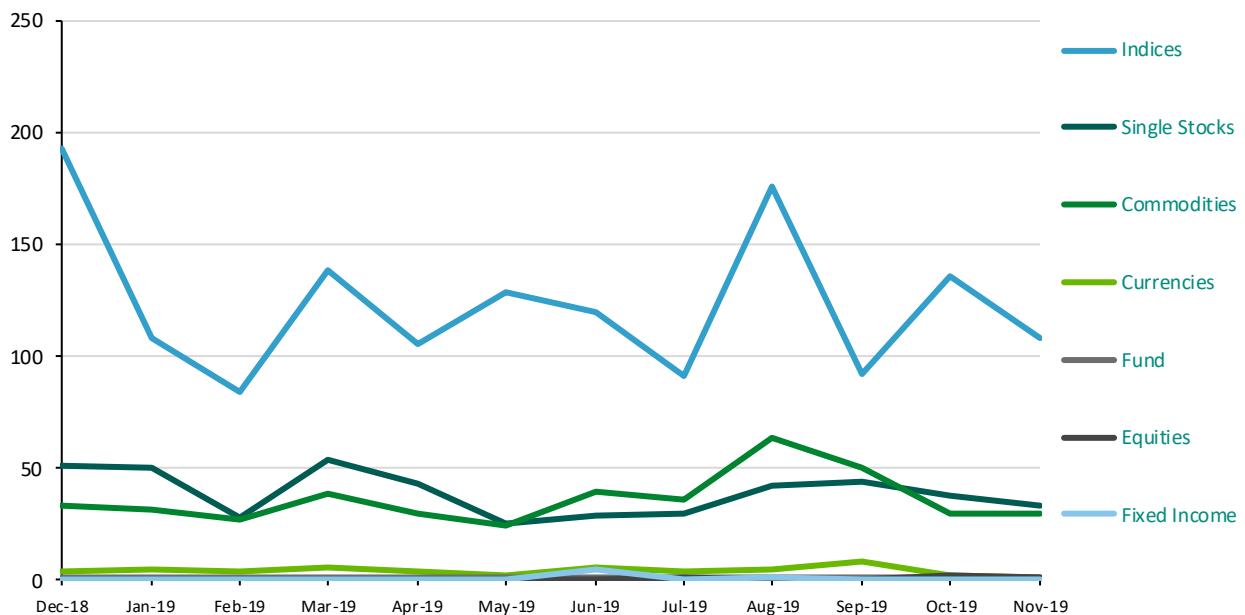
Product Trend: Number of Live Products

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

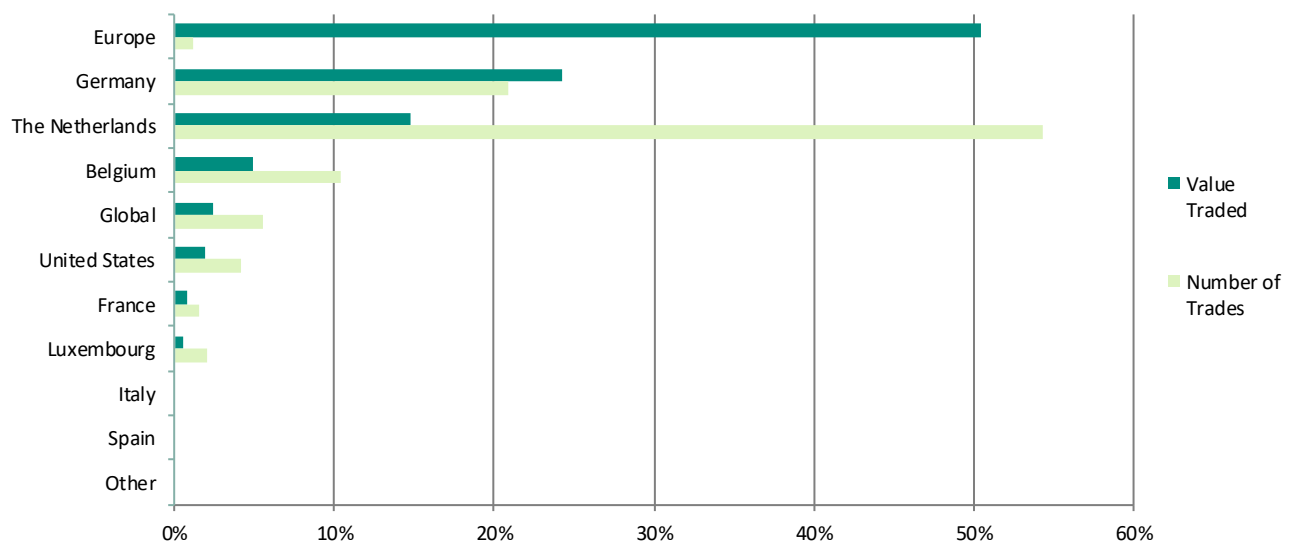
Market Overview

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	538	117%	339%	50.5%	3.0	38.0%	307.5%	1.1%
Germany	258	103%	89%	24.3%	57	10.5%	1.2%	20.9%
The Netherlands	157	71%	37%	14.8%	148	36%	79%	54.4%
Belgium	52	-3.8%	-5.5%	4.9%	28	7.7%	-25%	10.4%
Global	26	-79%	-80%	2.4%	15	-12.8%	-2.1%	5.5%
United States	21	35%	-65%	1.9%	11	-28%	-33%	4.1%
France	8	12.4%	-17.4%	0.7%	4.1	-0.9%	-15.8%	1.5%
Luxembourg	5	72%	26%	0.5%	5.5	12.4%	38%	2.0%
Italy	0		-100%	0.0%	0.0		-100%	0.0%
Spain	0			0.0%	0.0			0.0%
Other	0			0.0%	0.0			0.0%
Total	1,066	59.5%	68.2%	100%	272	18.1%	24.4%	100%

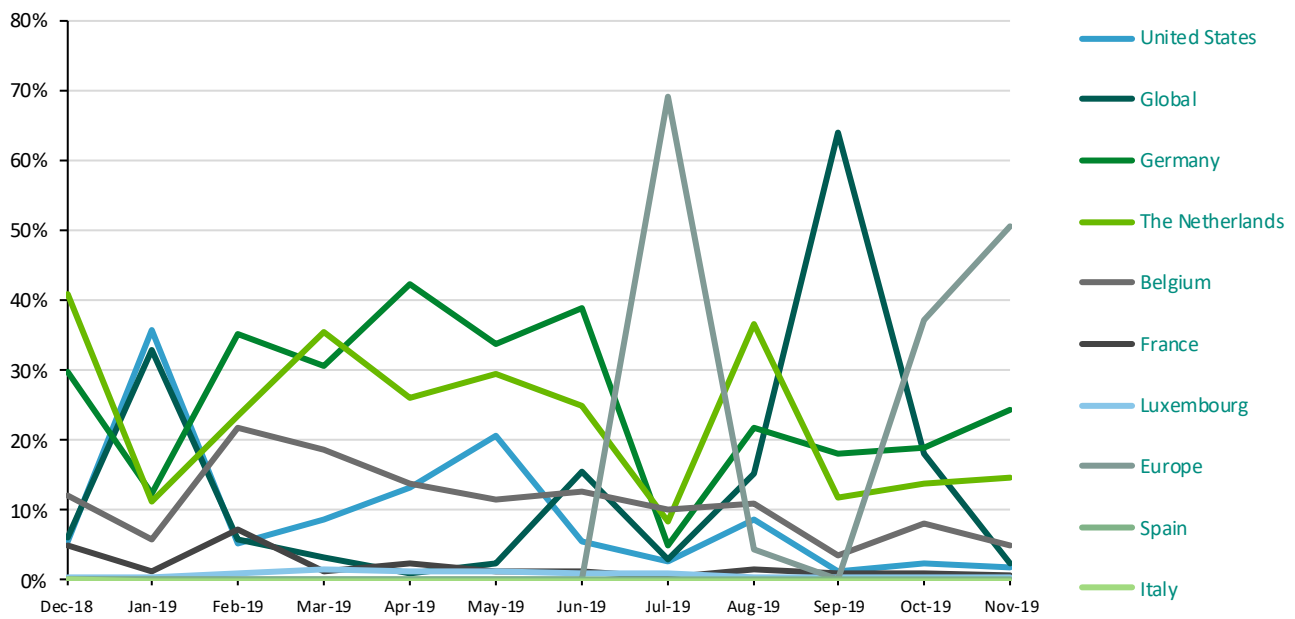
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

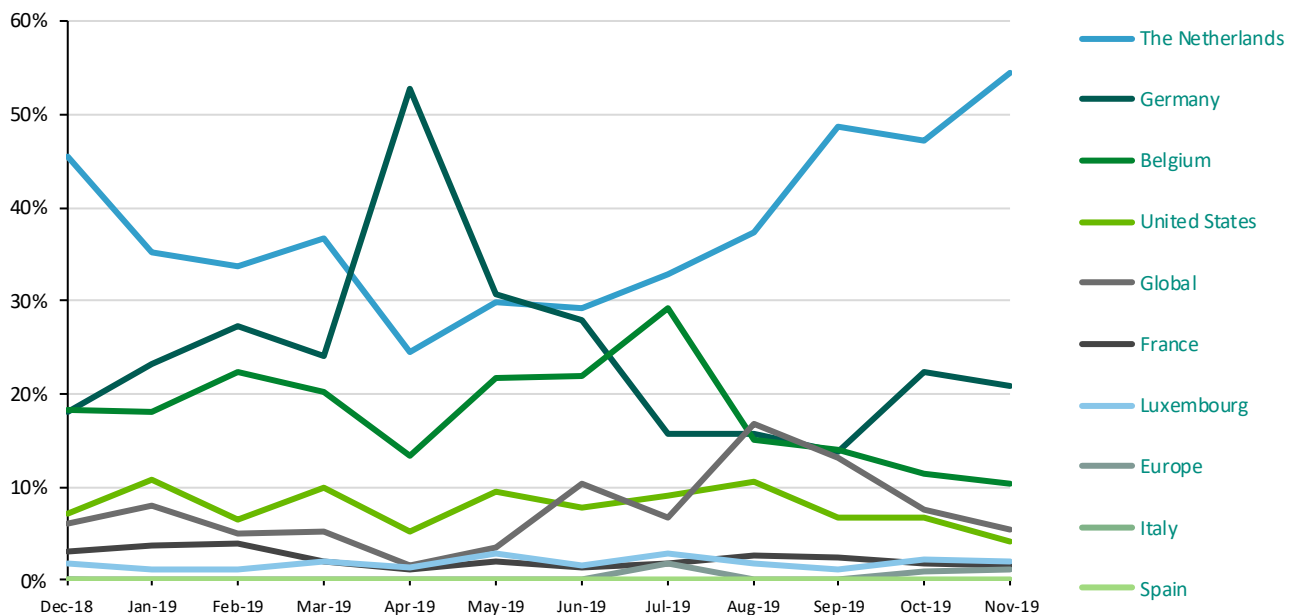
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

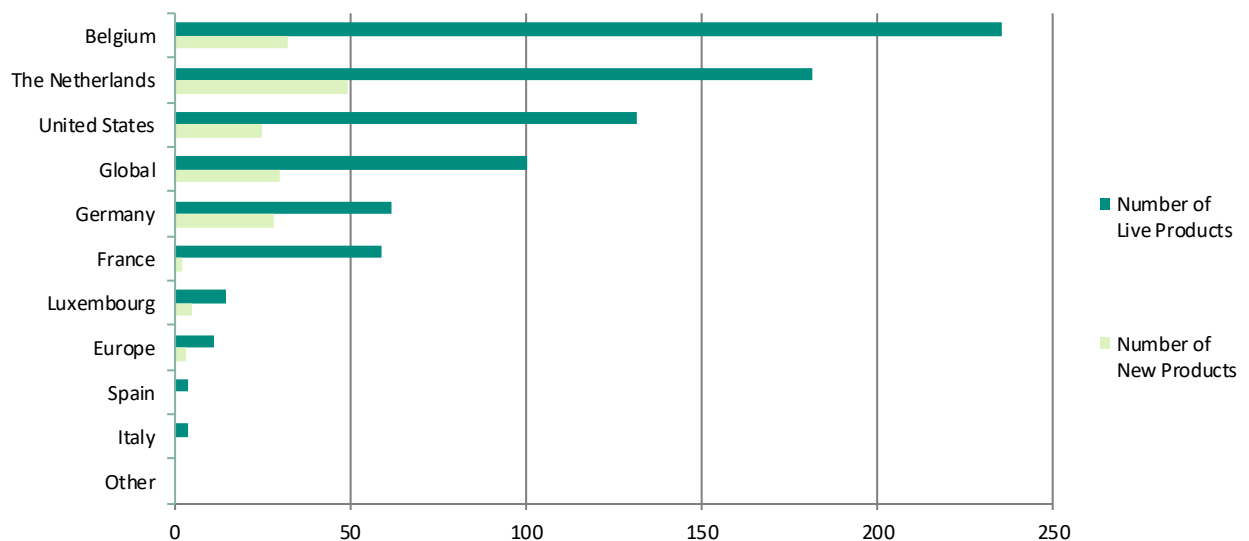
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Belgium	236	4.7%	-3.9%	29.3%	32	3.2%	-2.5%	18.4%
The Netherlands	182	5.4%	5.9%	22.6%	49	-26%	-11.6%	28.2%
United States	131	4.5%	1.9%	16.3%	25	-31%	-39%	14.4%
Global	100	-0.7%	10.1%	12.5%	30	-3.2%	-18.4%	17.2%
Germany	62	12.0%	3.5%	7.7%	28	-28%	-6.4%	16.1%
France	59	0.8%	-7.8%	7.4%	2		-7.7%	1.1%
Luxembourg	15	40%	20%	1.9%	5	67%	30%	2.9%
Europe	11	22%	35%	1.4%	3	0.0%	57%	1.7%
Spain	4	0.0%	-0.4%	0.5%	0		-100%	0.0%
Italy	4	0.0%	0.5%	0.5%	0		-100%	0.0%
Other	0	-100%	-100%	0.0%	0			0.0%
Total	804	5.0%	1.9%	100%	174	-16.7%	-15.0%	100%

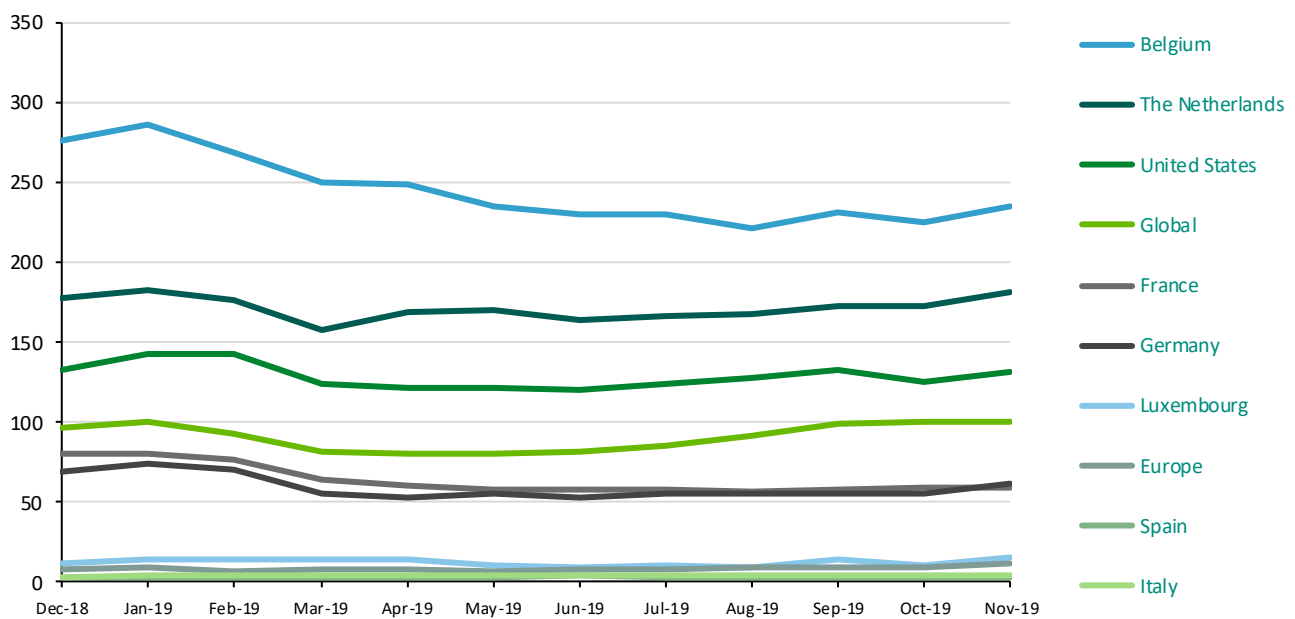
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

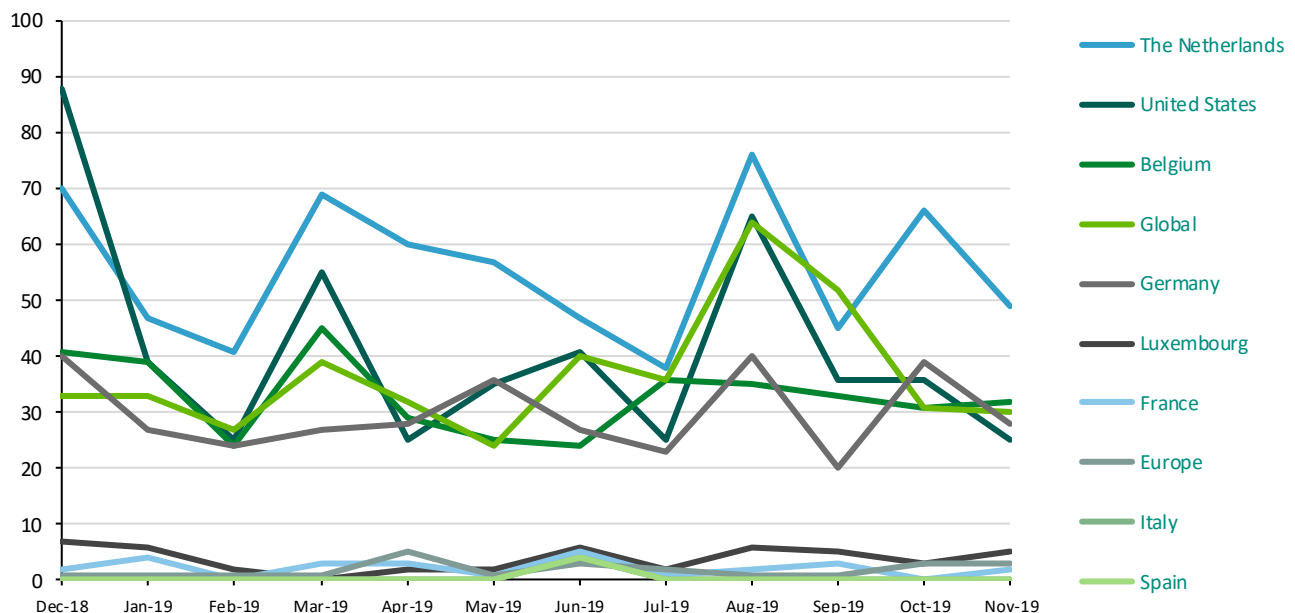
Product Trend: Number of Live Products

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

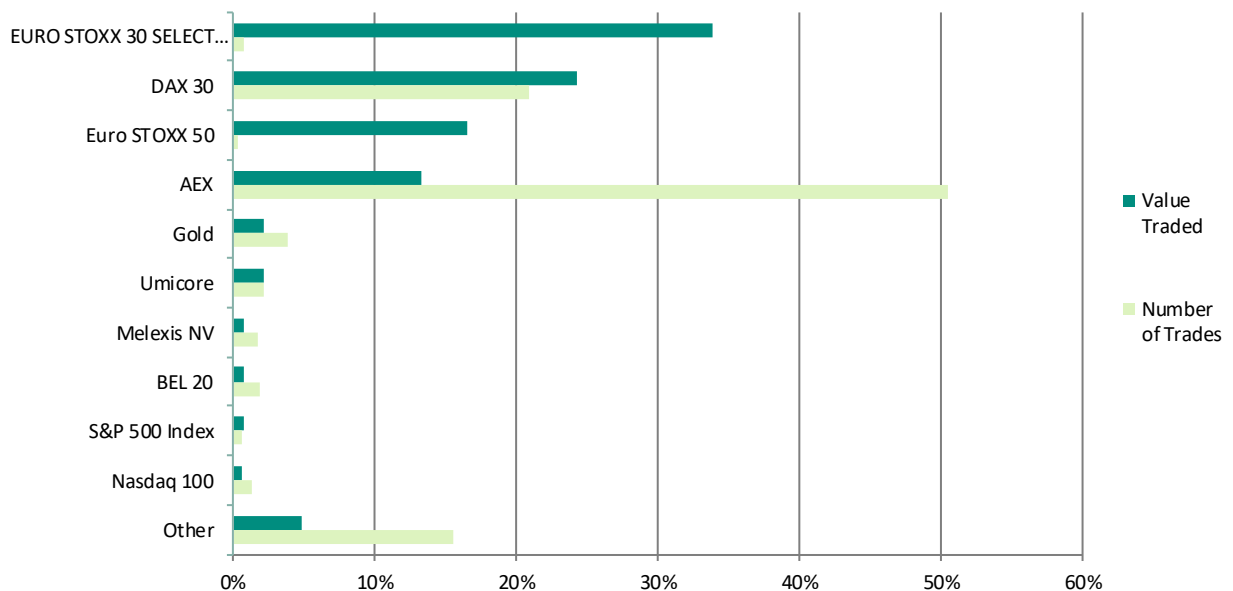
Market Overview

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	362	46%	239%	34.0%	1.9	-12.4%	196.8%	0.7%
DAX 30	258	103%	89%	24.3%	57	10.5%	1.2%	20.9%
Euro STOXX 50	176		NA	16.5%	1.1		NA	0.4%
AEX	141	100%	46%	13.3%	138	46%	108%	50.6%
Gold	23	36%	17.4%	2.2%	11	-4.9%	3.0%	3.9%
Umicore	22	-5.5%	96%	2.1%	6.0	39%	21%	2.2%
Melexis NV	8	1.0%	-16.2%	0.8%	4.7	-26%	-46%	1.7%
BEL 20	8	5.4%	-30%	0.8%	5.3	3.9%	-21%	1.9%
S&P 500 Index	7	30%	16.4%	0.7%	1.9	-39%	-48%	0.7%
Nasdaq 100	6	11.5%	-85%	0.6%	3.7	-35%	-38%	1.4%
Other	51			4.8%	42			15.6%
Total	1,066	59.5%	68.2%	100%	272	18.1%	24.4%	100%

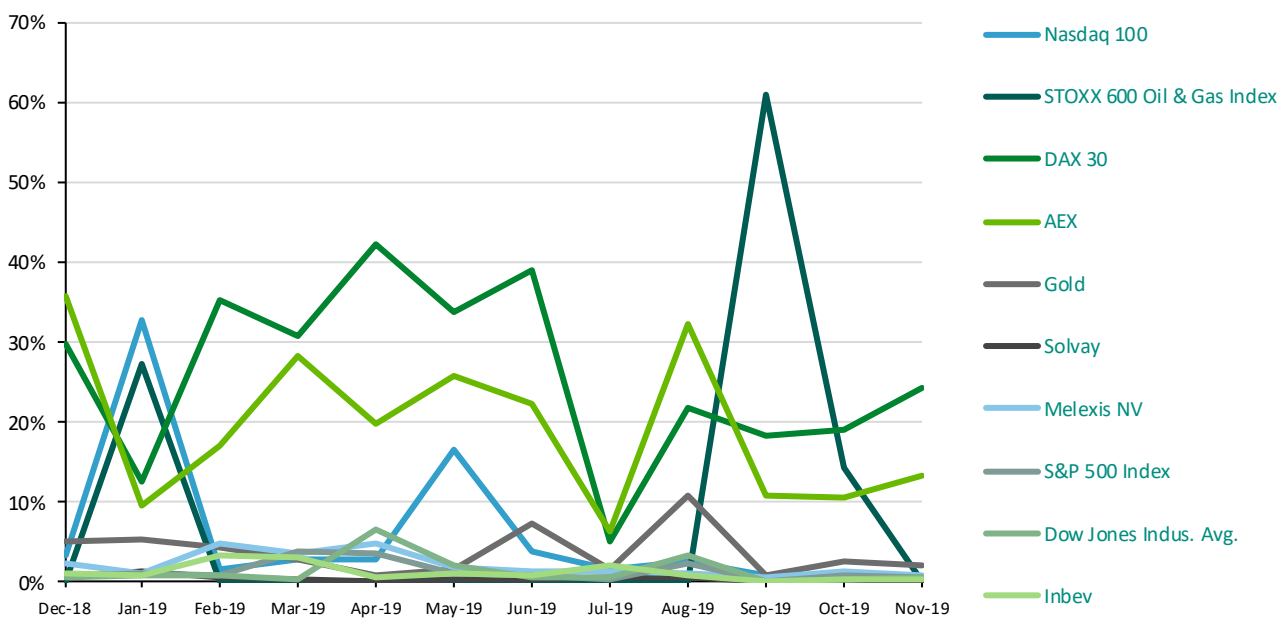
(Source Euronext)



TOP 10 UNDERLYINGS

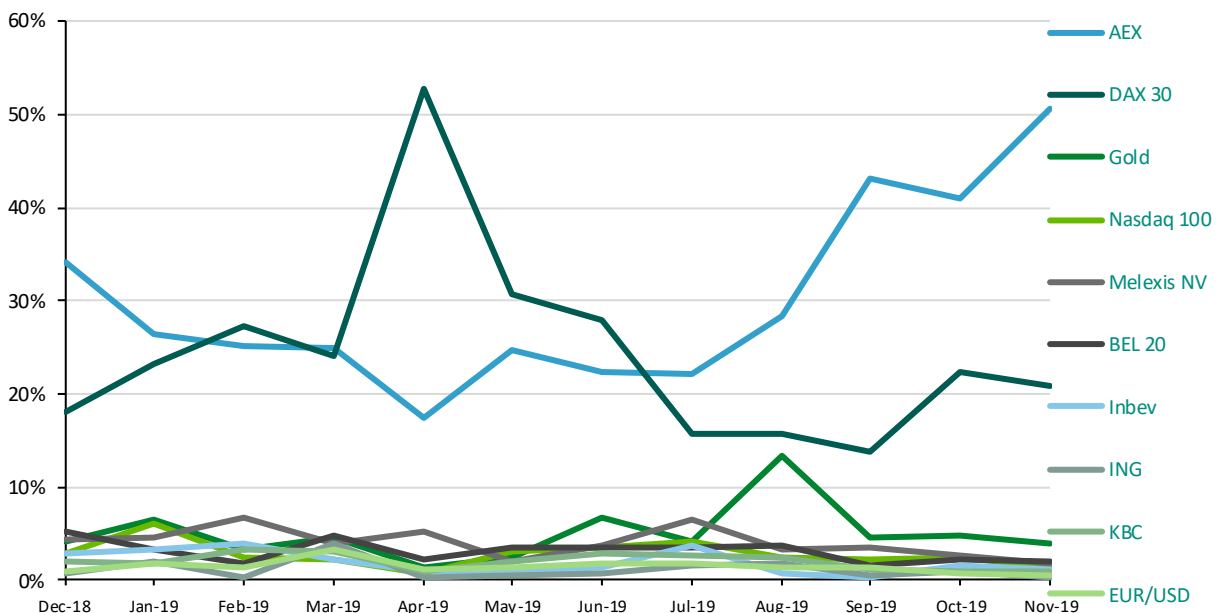
Market Trend: Value traded

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

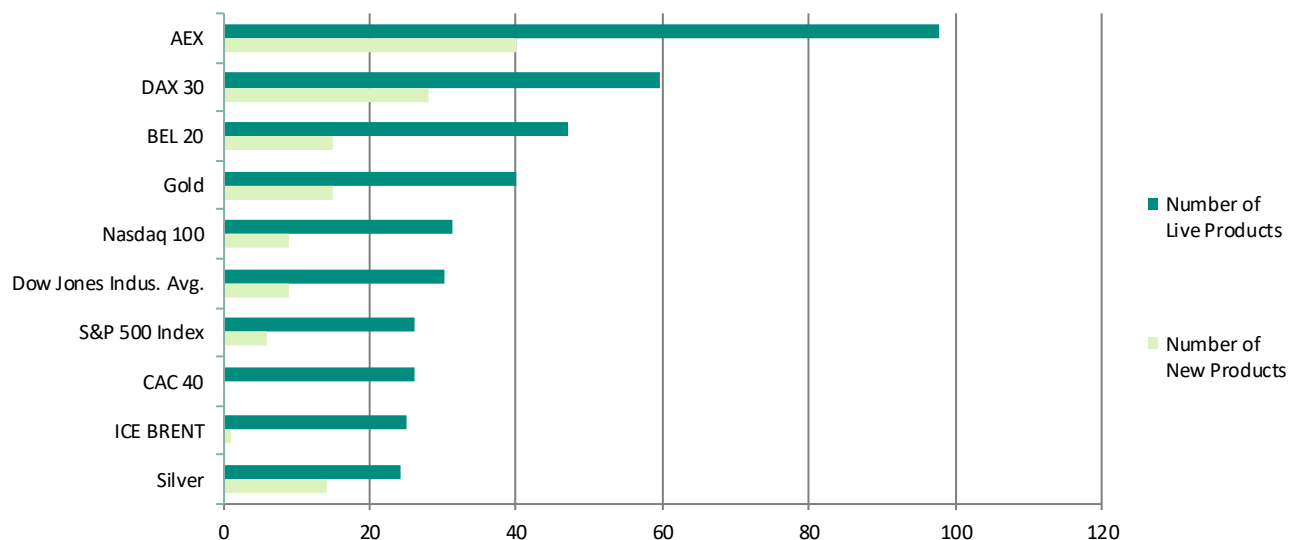
Product Overview

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	98	4.9%	4.2%	12.2%	40	-14.9%	-3.4%	23.0%
DAX 30	60	12.5%	5.1%	7.4%	28	-28%	-5.9%	16.1%
BEL 20	47	9.0%	-1.2%	5.9%	15	0.0%	13.2%	8.6%
Gold	40	-1.1%	13.7%	5.0%	15	36%	-7.2%	8.6%
Nasdaq 100	31	9.9%	8.5%	3.9%	9	-36%	-35%	5.2%
Dow Jones Indus. Avg.	30	8.0%	7.6%	3.8%	9	-25%	-25%	5.2%
S&P 500 Index	26	2.9%	1.7%	3.2%	6	-25%	-36%	3.4%
CAC 40	26	0.0%	-12.9%	3.2%	0		-100%	0.0%
ICE BRENT	25	-2.4%	-4.0%	3.1%	1	-83%	-82%	0.6%
Silver	24	-0.6%	19.0%	3.0%	14	7.7%	0.0%	8.0%
Other	397	5.0%	-0.1%	49.3%	37			21.3%
Total	804	5.0%	1.9%	100%	174	-16.7%	-15.0%	100%

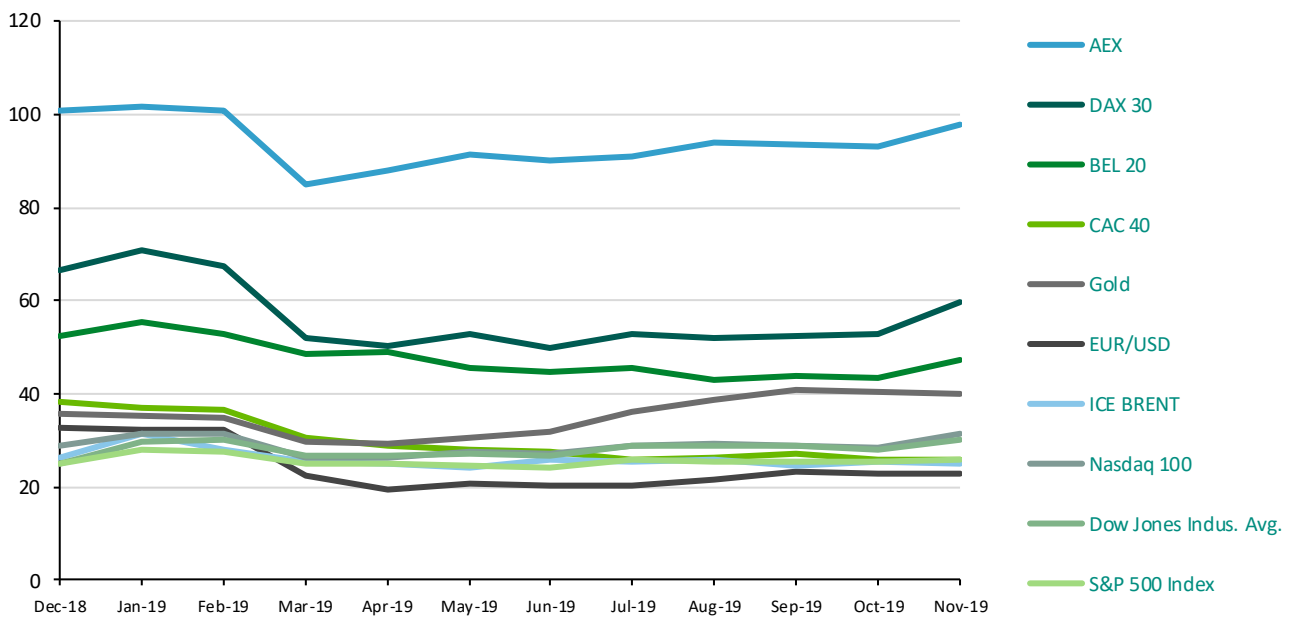
(Source Euronext)



TOP 10 UNDERLYINGS

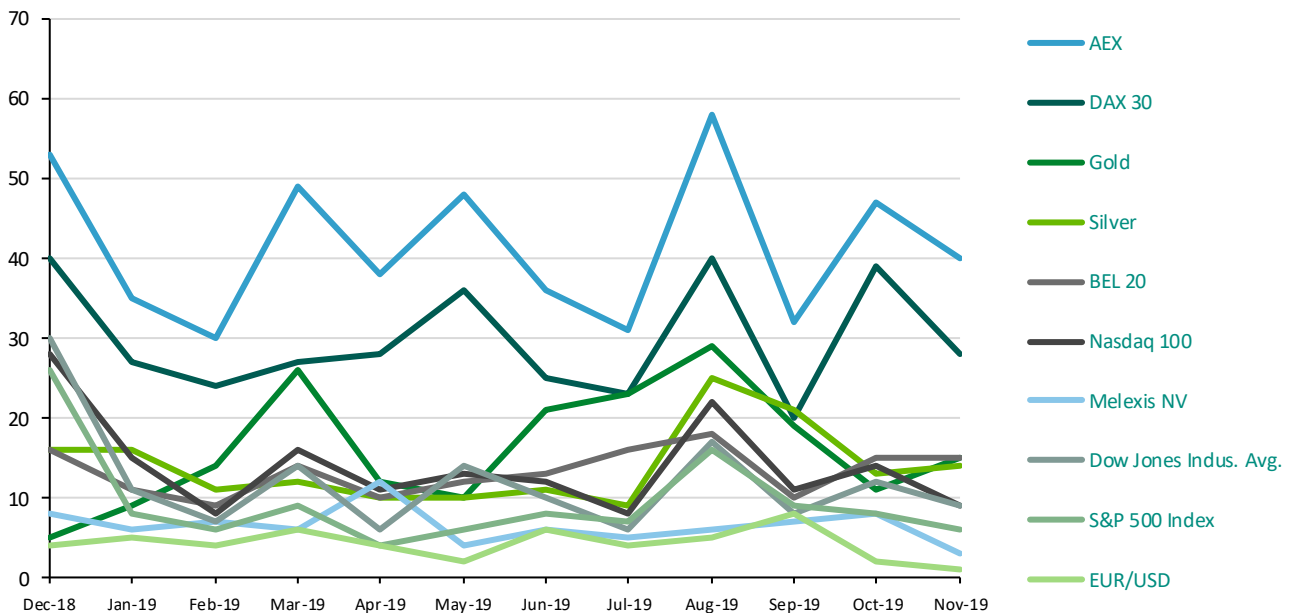
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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
LU2076204168	KBC	1260	Express Certificates	EURO STOXX 30 SELECT DIVIDEN	7,600	40
LU2076203780	KBC	1260	Express Certificates	Euro STOXX 50	3,700	23
DE000C3MNI9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	2,254	187
DE000C3MNI7	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	1,373	349
DE000C3MRZ6	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	985	172
DE000C3LLA4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	760	1,416
DE000C3MNA8	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	371	225
DE000C3MPB1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	364	385
DE000C3MPA3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	326	109
DE000C3MRW3	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	277	167
DE000C3LJ70	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	234	110
DE000C3MKU2	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	202	72
DE000CE736W6	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	189	14
DE000C3MRM4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	154	79
DE000C3LAZ4	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	121	12
DE000C3MPG0	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	117	45
DE000C3MLZ9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	109	16
DE000C3ML18	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	108	56
DE000C3MLF1	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	95	47
DE000C3MRT9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	93	84
DE000C3K3Q6	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	90	10
DE000C3KVG0	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	83	20
DE000C3MSM2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	73	52
DE000C3L2K0	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	64	45
DE000C3LZR8	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	61	2
DE000C3MN65	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	59	22
DE000C3MRU7	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	58	33
DE000CN91450	Commerzbank	2210	Mini-Futures	BEL 20	55	2
LU1835956100	KBC	2100	Warrants	BPOST NV	53	6
DE000C3MR61	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	53	55
DE000CE73BB6	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	51	33
DE000C3MB28	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	51	5
DE000C3MCV7	Commerzbank	2205	Open-End Knock-Out Warrants	Umicore	51	12
LU1835956795	KBC	2100	Warrants	Axa	49	5
DE000C3MEZ4	Commerzbank	2205	Open-End Knock-Out Warrants	EURONAV NV	47	9
DE000C3MP30	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	46	27
DE000C3LY14	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	46	8
DE000C3MNH3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	44	35
DE000C3K845	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	43	14
DE000C3MQY1	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	42	27
DE000CN904V1	Commerzbank	2205	Open-End Knock-Out Warrants	Telenet	41	7
DE000C3MM41	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	41	16
DE000C3MNX0	Commerzbank	2205	Open-End Knock-Out Warrants	S&P 500 Index	38	7
DE000C3MSU5	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	37	25
DE000C3MJQ2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	37	33
DE000C3MK01	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	36	13
DE000CN90NS0	Commerzbank	2205	Open-End Knock-Out Warrants	Total	34	25
DE000CN1V725	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	32	10
DE000C3LE26	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	31	13
DE000C3MLW6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	31	26

(Source Euronext)



Euronext Lisbon

ISSUERS

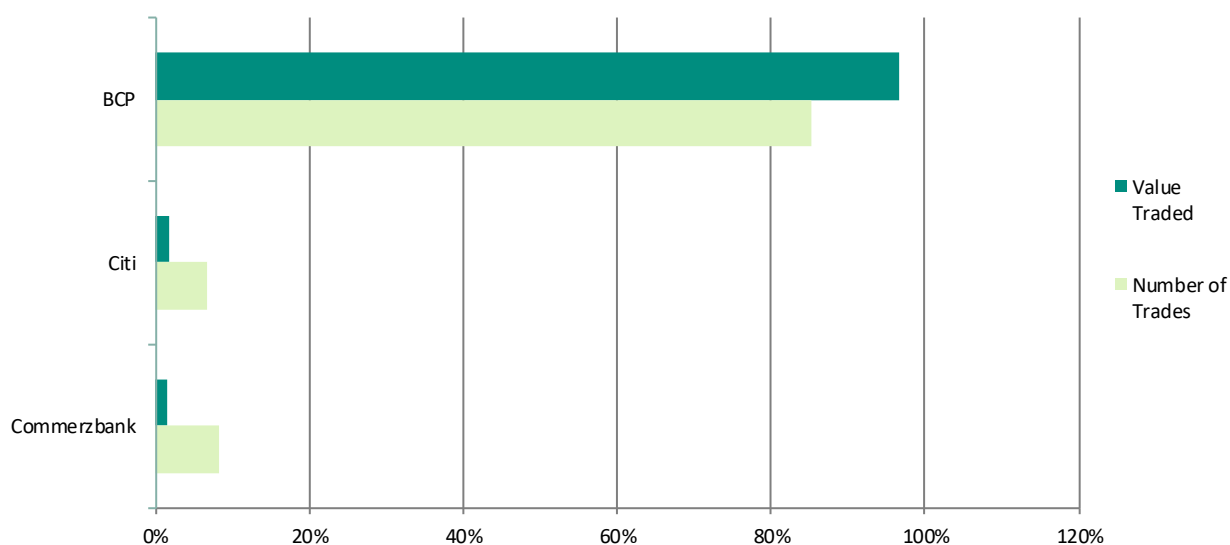
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	6,752	33%	42%	96.7%	471	31.8%	48.0%	85.2%
Citi	123	-16.4%	-4.1%	1.8%	37	-0.7%	-2.5%	6.7%
Commerzbank	108	-41%	-40%	1.5%	45	-36.7%	-41.2%	8.1%
Total	6,983	29.3%	37.7%	100%	553	18.7%	27.8%	100%

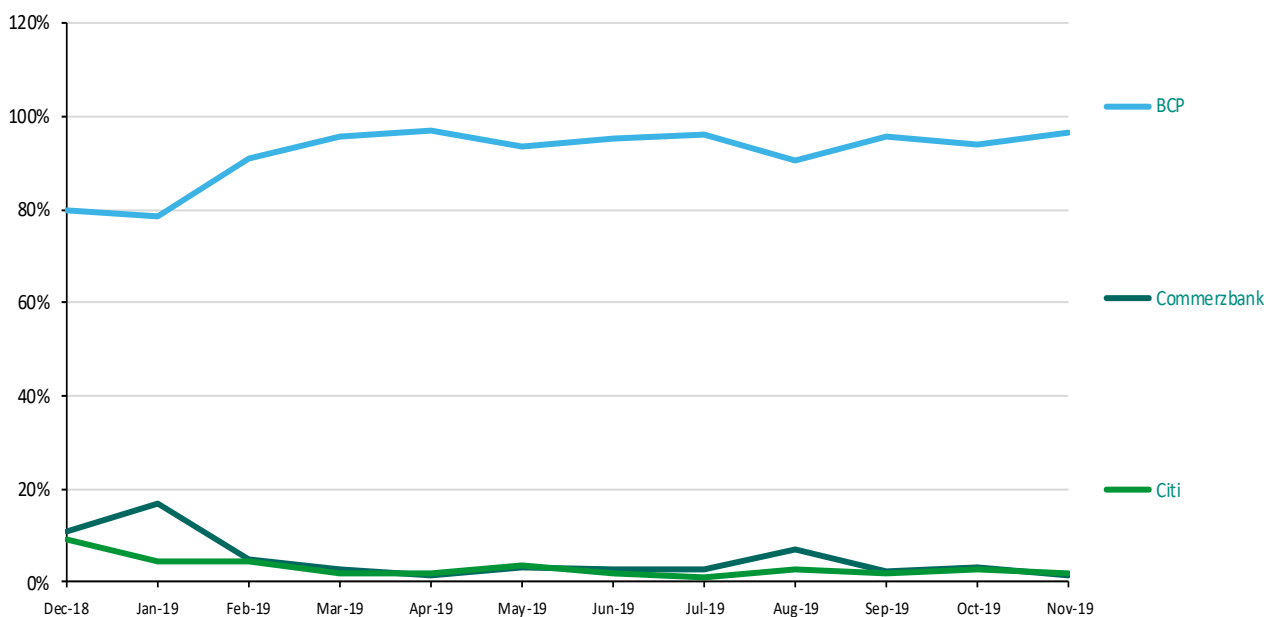
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ISSUERS

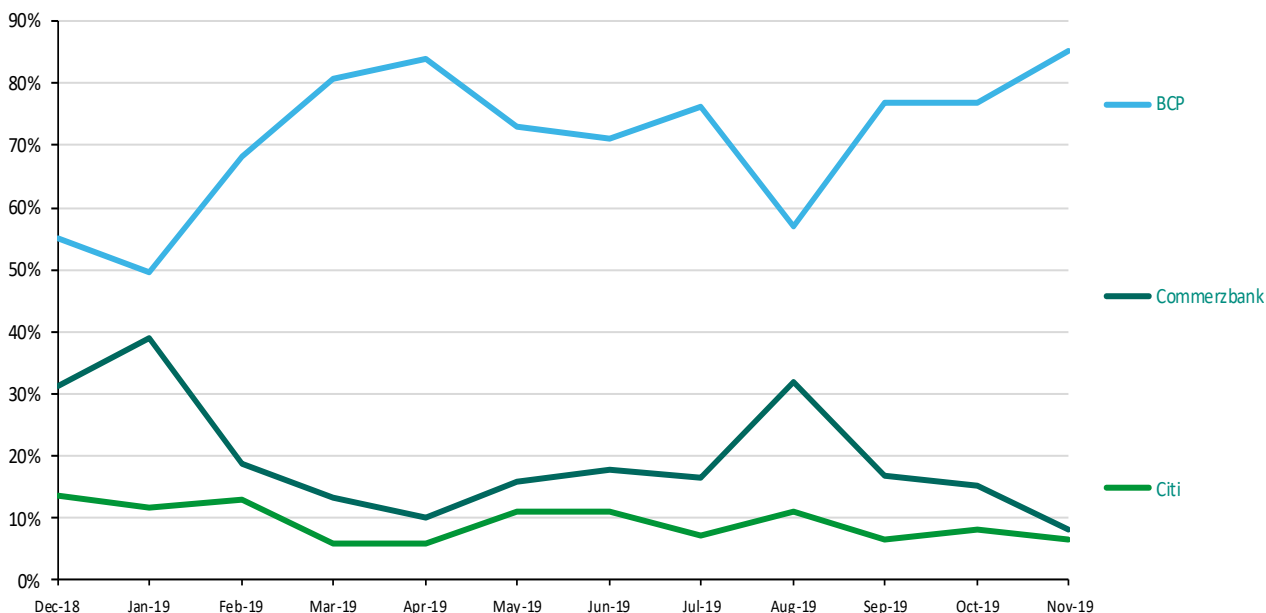
Market Trend: Value traded

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

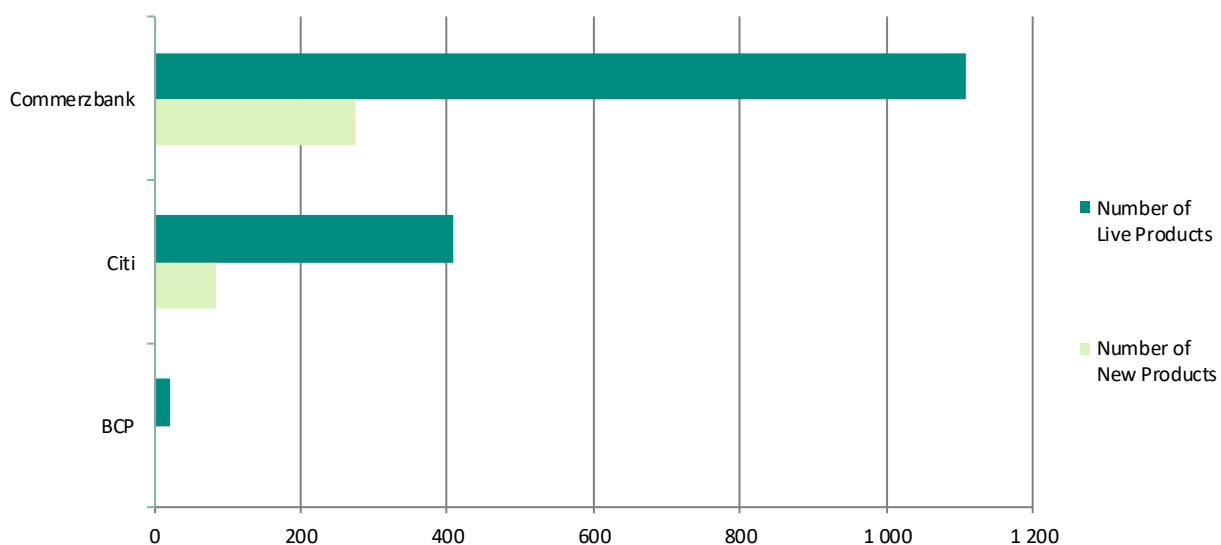
Product Overview

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	1,109	-5.3%	-1.7%	72.0%	276	23%	3.8%	76.9%
Citi	410	8.0%	-1.5%	26.6%	83	-5.7%	-36%	23.1%
BCP	22	-0.6%	-0.3%	1.4%	0			0.0%
Total	1,541	-2.0%	-1.6%	100%	359	15.1%	-9.1%	100%

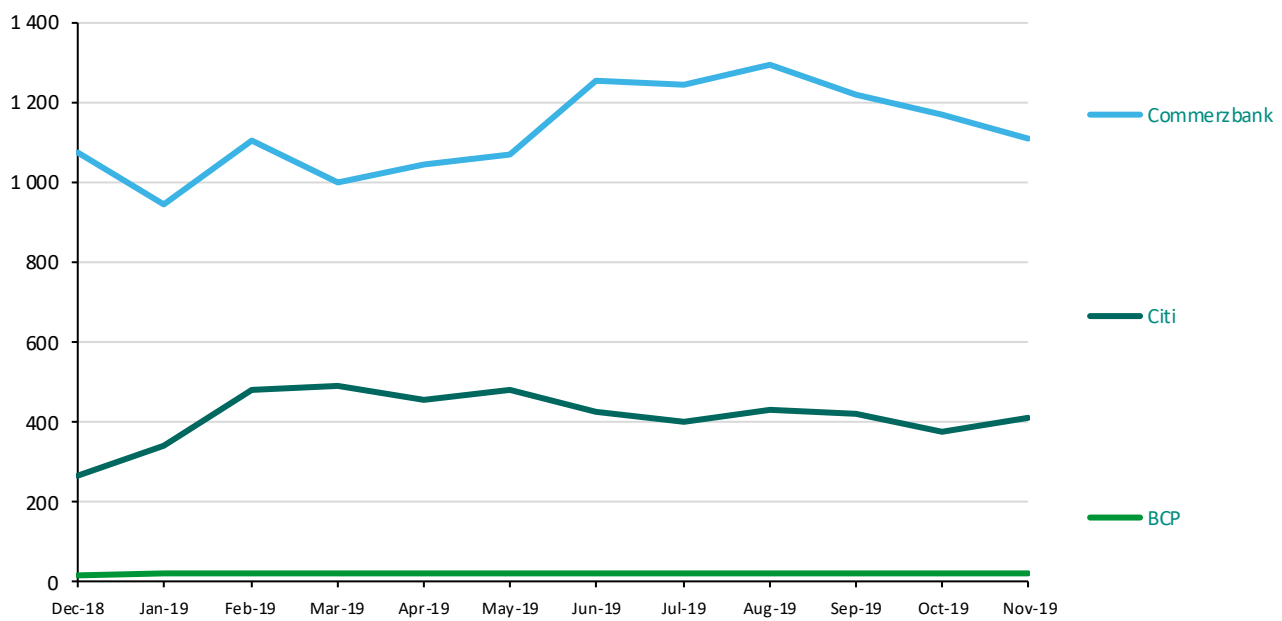
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ISSUERS

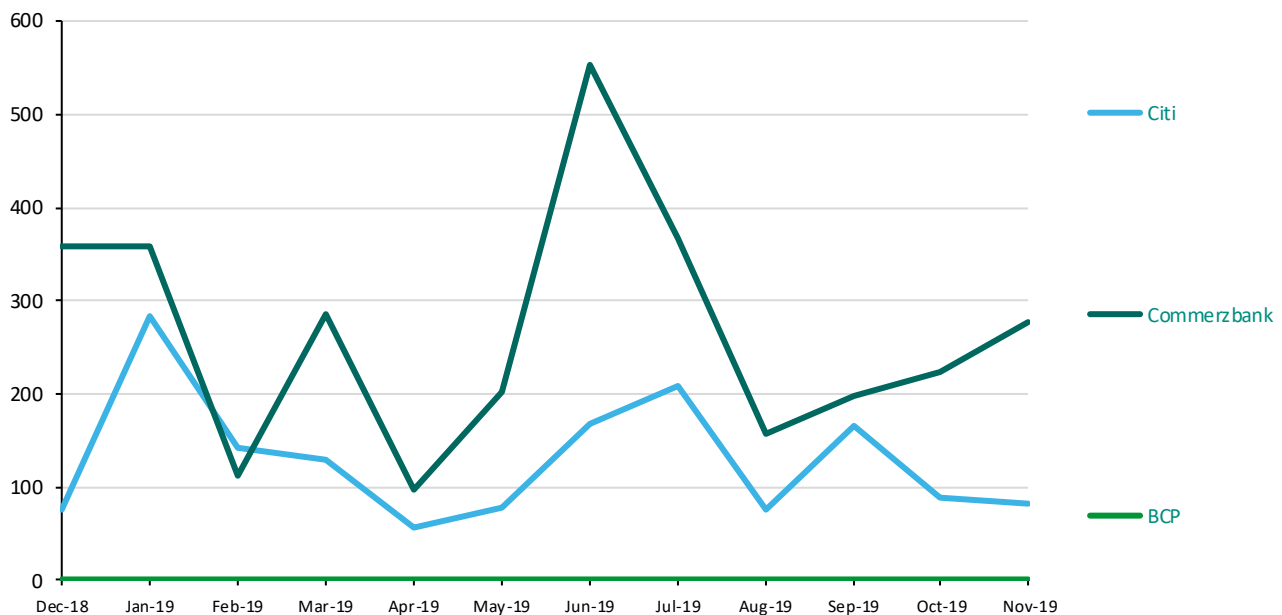
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

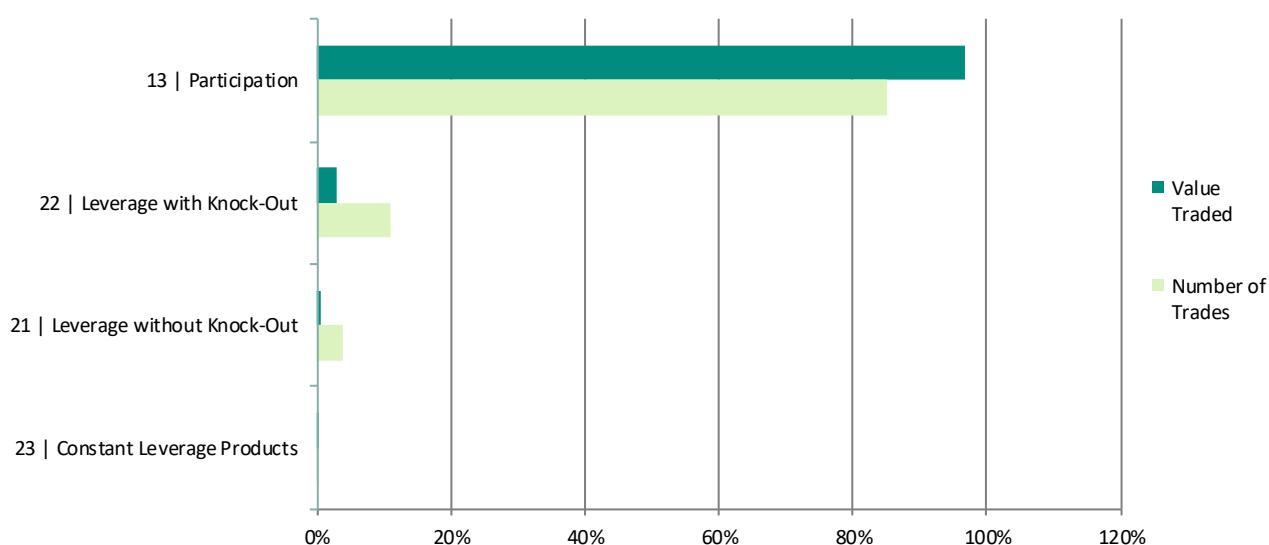
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
13 Participation	6,752	33%	42%	96.7%	471	31.8%	48.0%	85.2%
22 Leverage with Knock-Out	200	-16.1%	-13.5%	2.9%	61	-21.5%	-25.1%	11.0%
21 Leverage without Knock-Out	29	-60%	-59%	0.4%	20	-30.8%	-35.4%	3.7%
23 Constant Leverage Products	2	-88%	-73%	0.0%	0.7	-45.2%	-56.5%	0.1%
Total	6,983	29.3%	37.7%	100%	553	18.7%	27.8%	100%

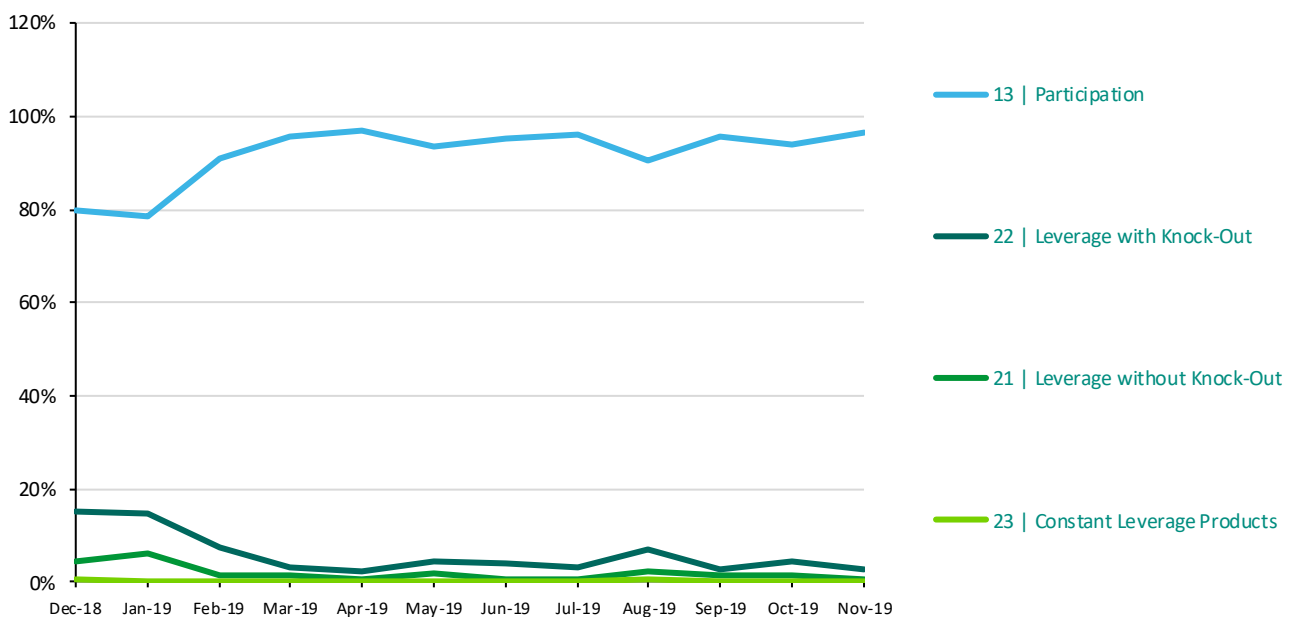
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

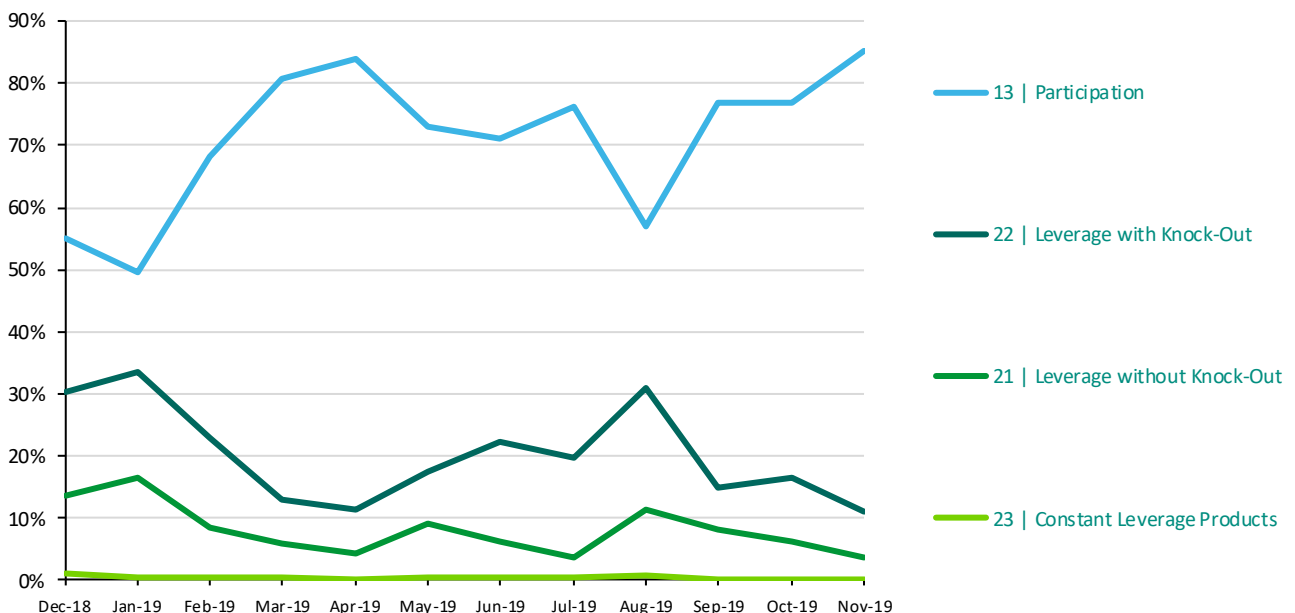
Market Trend: Value traded

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)

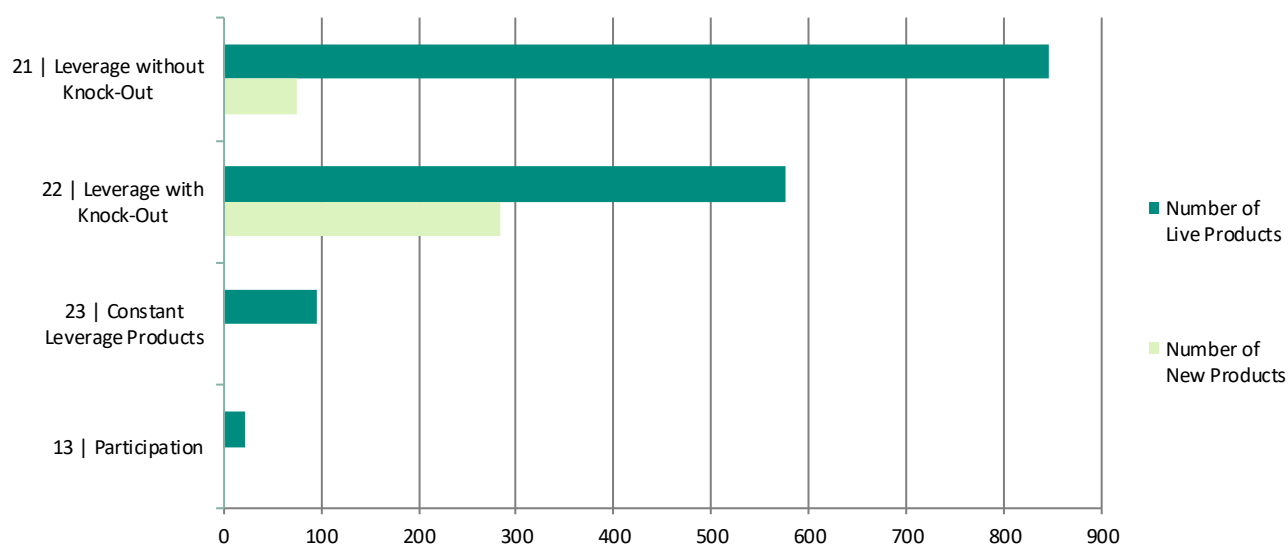
Product Overview

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	847	-8.2%	-7.9%	55.0%	75	92%	-37%	20.9%
22 Leverage with Knock-Out	576	8.8%	11.5%	37.4%	284	4.0%	4.8%	79.1%
23 Constant Leverage Products	96	-2.3%	-11.0%	6.2%	0		-100%	0.0%
13 Participation	22	-0.6%	-0.3%	1.4%	0			0.0%
Total	1,541	-2.0%	-1.6%	100%	359	15.1%	-9.1%	100%

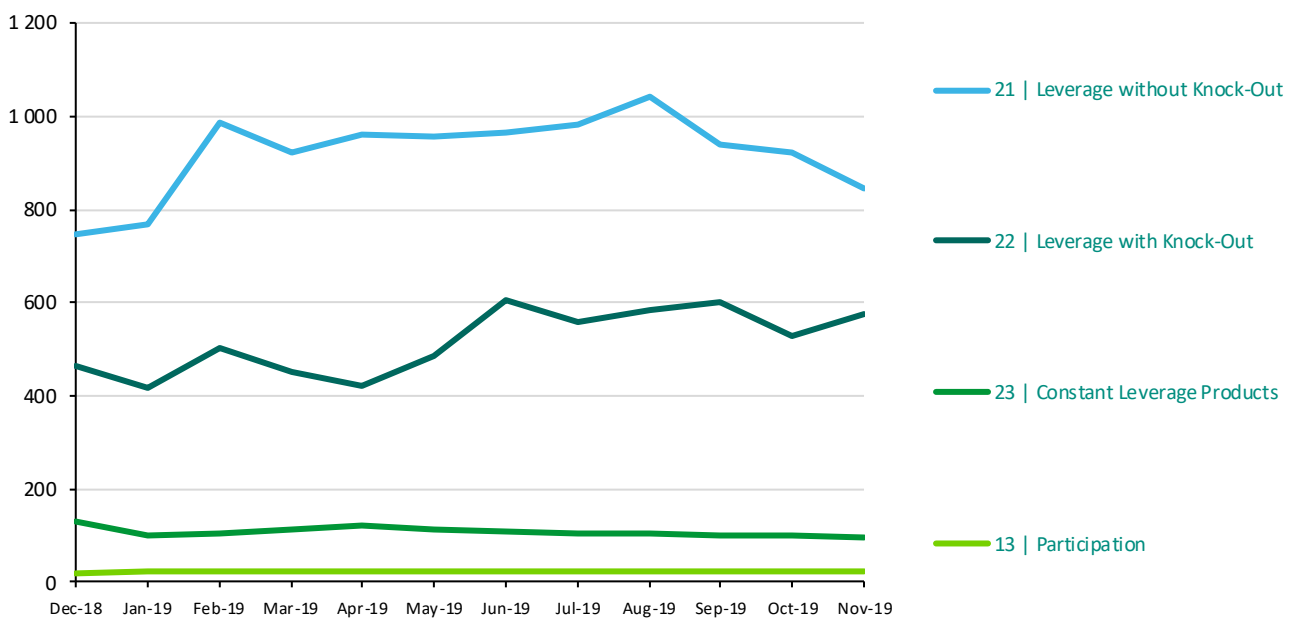
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

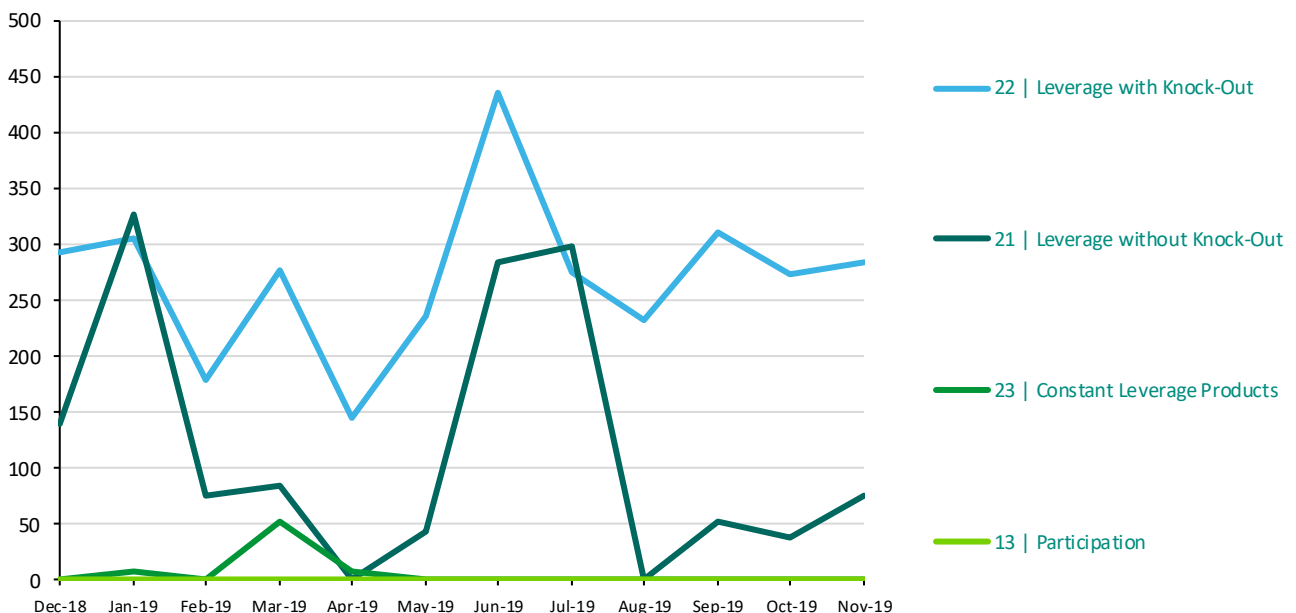
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

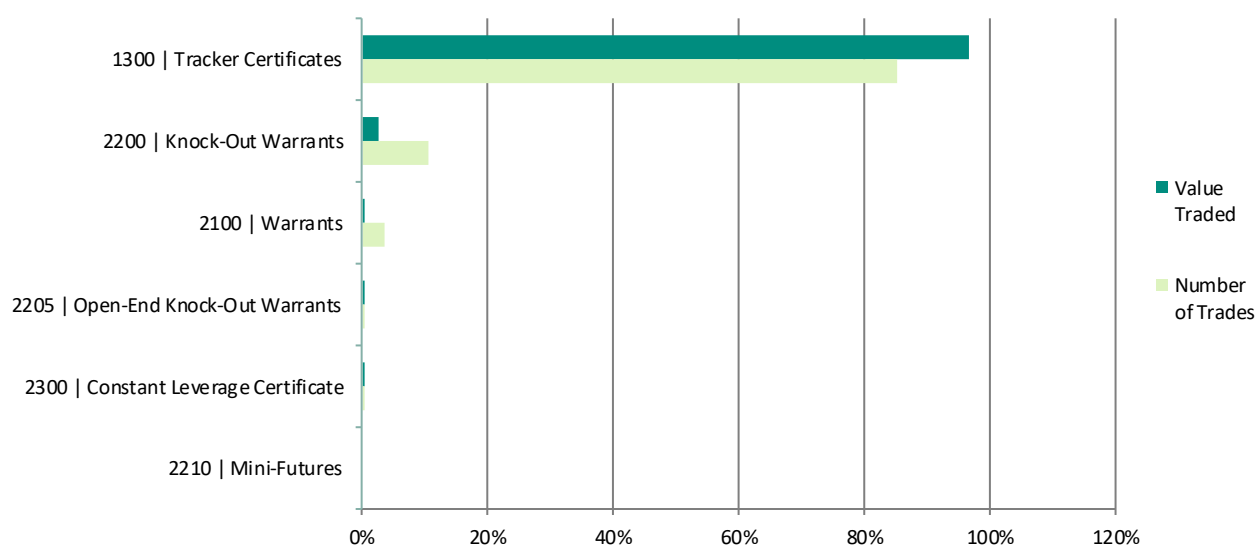
Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1300 Tracker Certificates	6,752	33%	42%	96.7%	471	31.8%	48.0%	85.2%
2200 Knock-Out Warrants	196	-15.2%	-12.8%	2.8%	59	-20%	-25%	10.7%
2100 Warrants	29	-60%	-59%	0.4%	20	-31%	-35%	3.7%
2205 Open-End Knock-Out Warrants	4	-44%	-26%	0.1%	1.8	-50%	-2.9%	0.3%
2300 Constant Leverage Certificate	2	-88%	-73%	0.0%	0.7	-45%	-56%	0.1%
2210 Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
Total	6,983	29.3%	37.7%	100%	553	18.7%	27.8%	100%

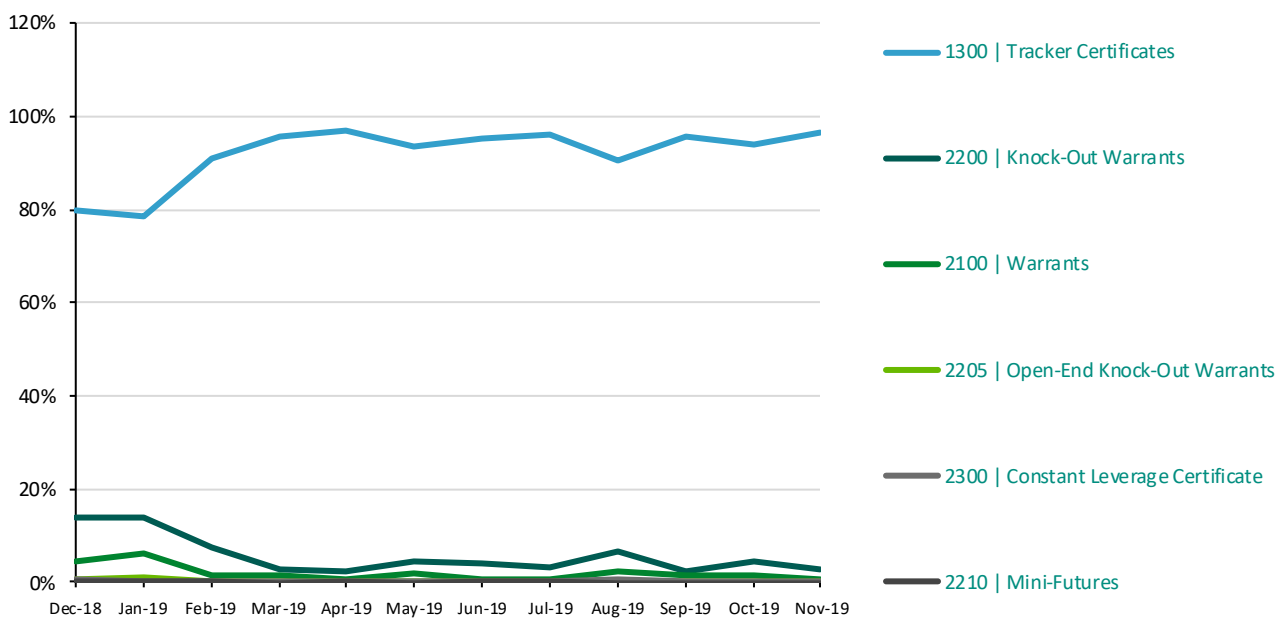
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

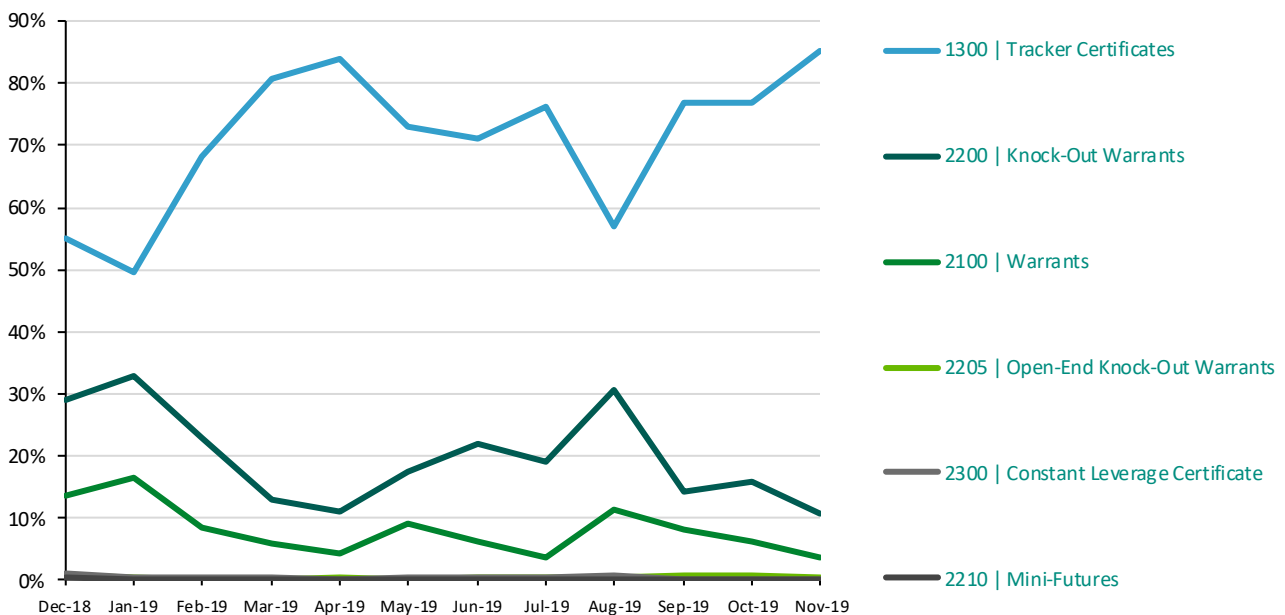
Market Trend: Value traded

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)

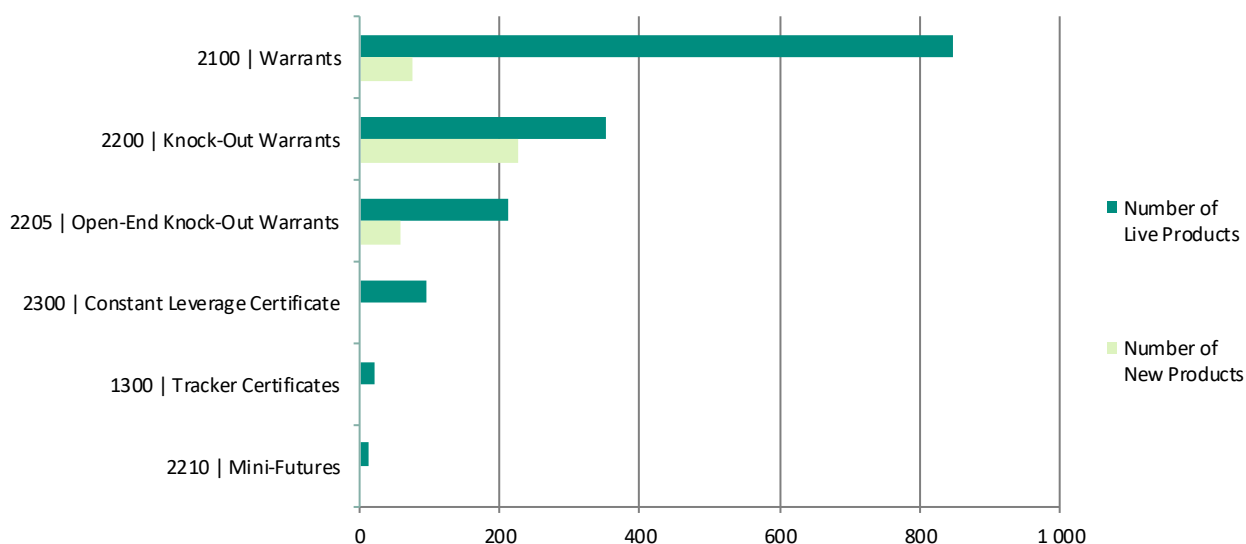
Product Overview

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	847	-8.2%	-7.9%	55.0%	75	92%	-37%	20.9%
2200 Knock-Out Warrants	350	18.3%	8.4%	22.7%	226	22%	-1.3%	63.0%
2205 Open-End Knock-Out Warrants	212	-2.2%	22%	13.8%	58	-34%	38%	16.2%
2300 Constant Leverage Certificate	96	-2.3%	-11.0%	6.2%	0		-100%	0.0%
1300 Tracker Certificates	22	-0.6%	-0.3%	1.4%	0			0.0%
2210 Mini-Futures	13	-16.9%	-31%	0.8%	0			0.0%
Total	1,541	-2.0%	-1.6%	100%	359	15.1%	-9.1%	100%

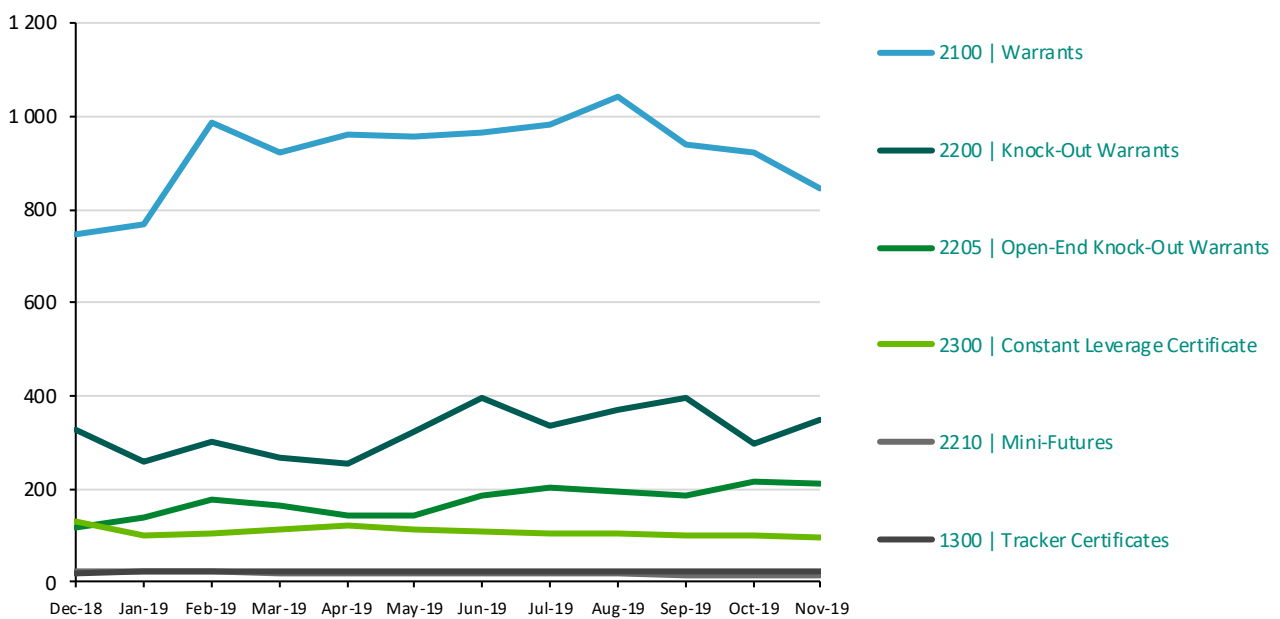
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

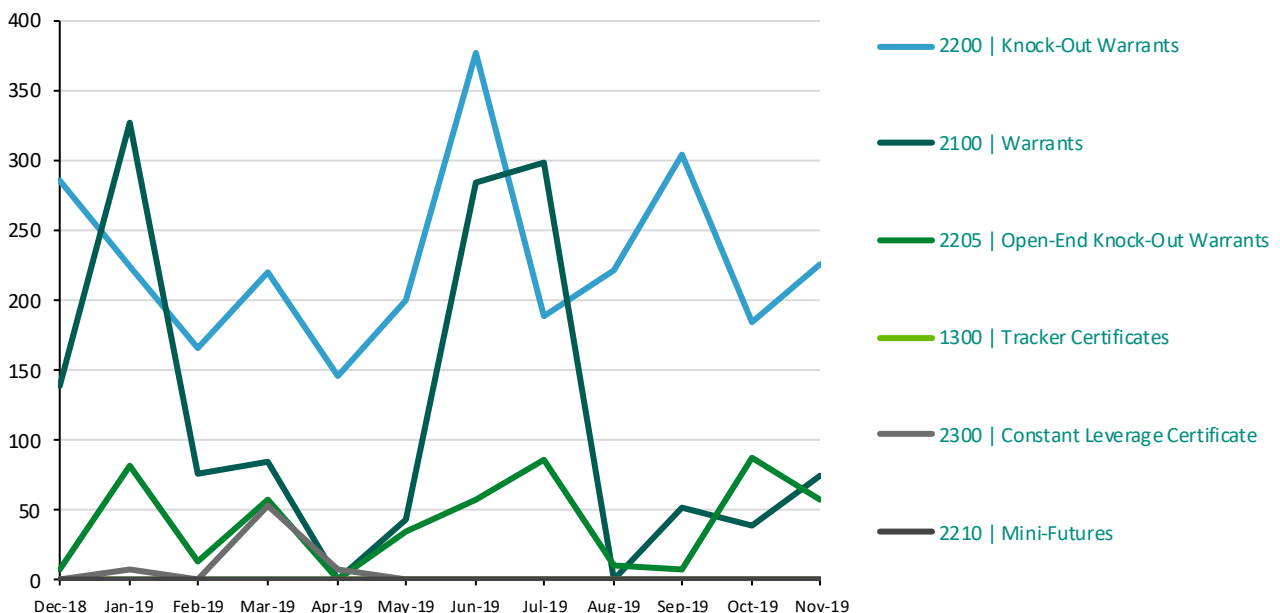
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

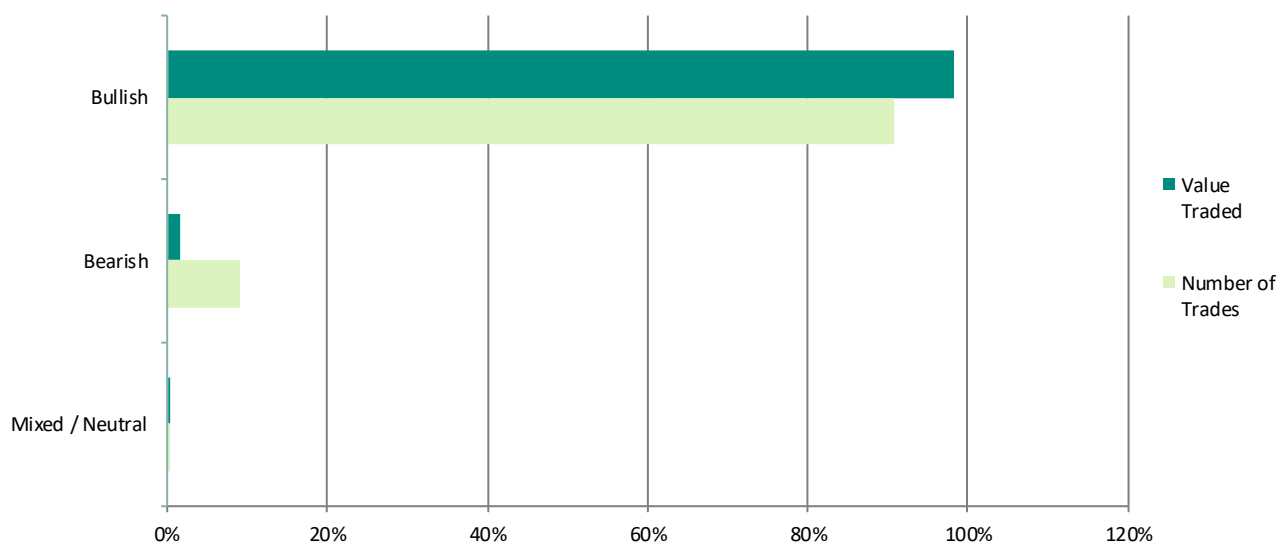
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	6,864	31%	40%	98.3%	502	24.6%	34.3%	90.8%
Bearish	117	-24%	-21%	1.7%	50	-18.5%	-12.6%	9.0%
Mixed / Neutral	2	-88%	-68%	0.0%	0.7	-45%	-55%	0.1%
Total	6,983	29.3%	37.7%	100%	553	18.7%	27.8%	100%

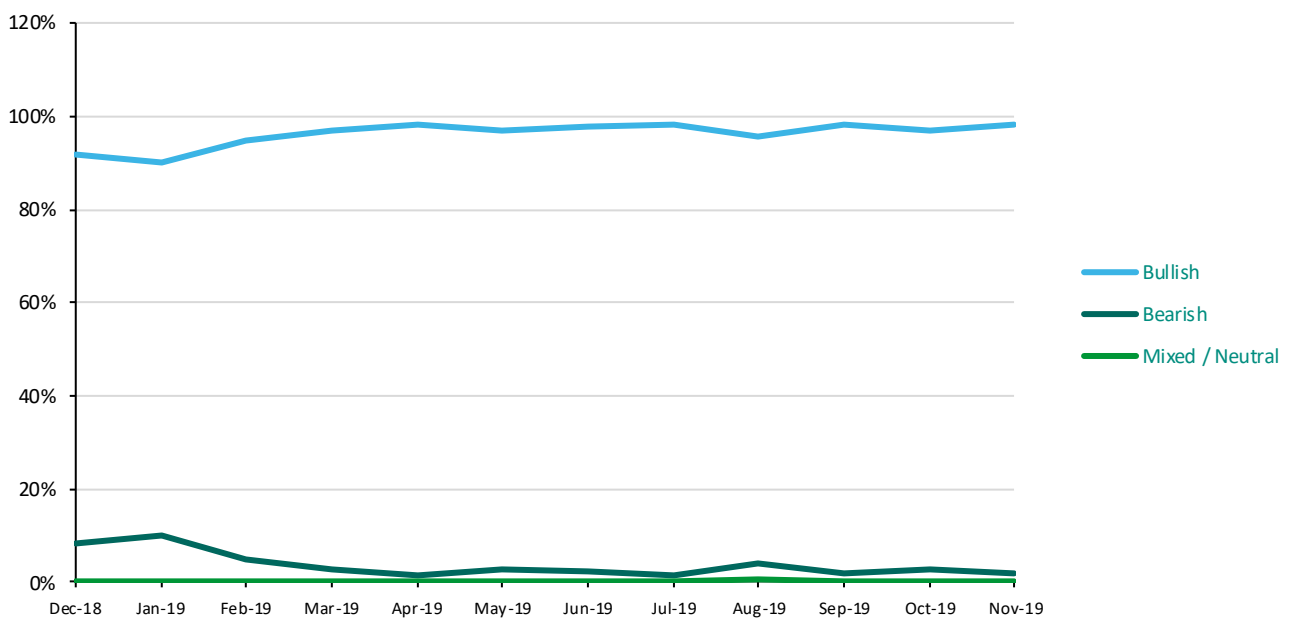
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PRODUCT STRATEGIES

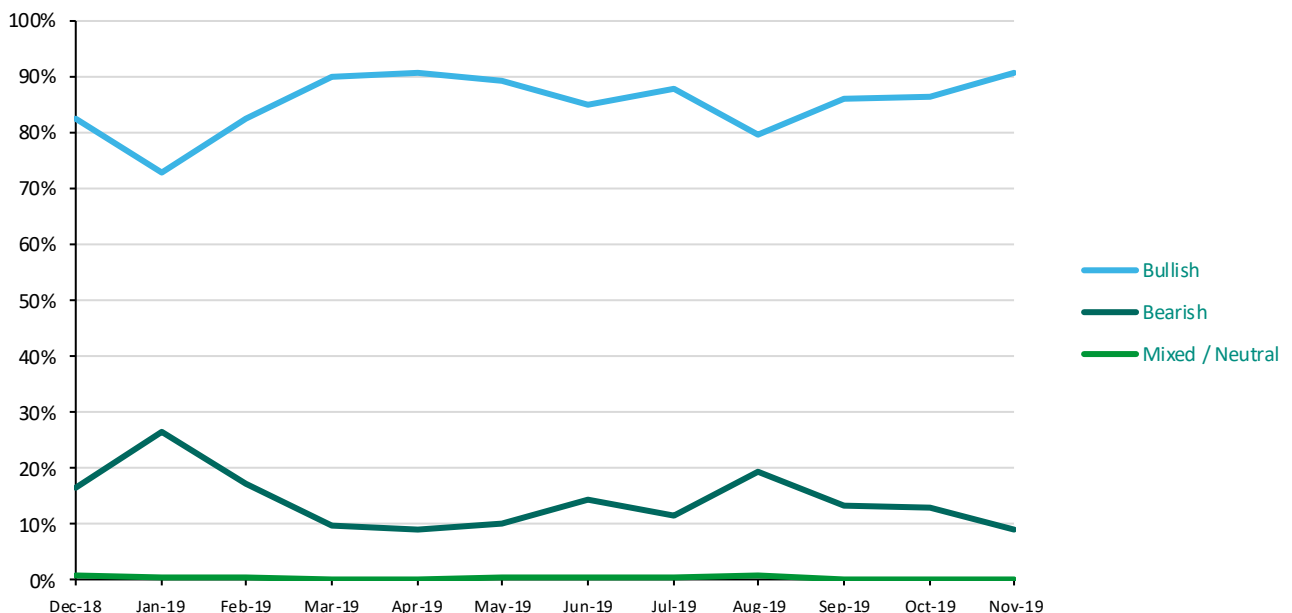
Market Trend: Value traded

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

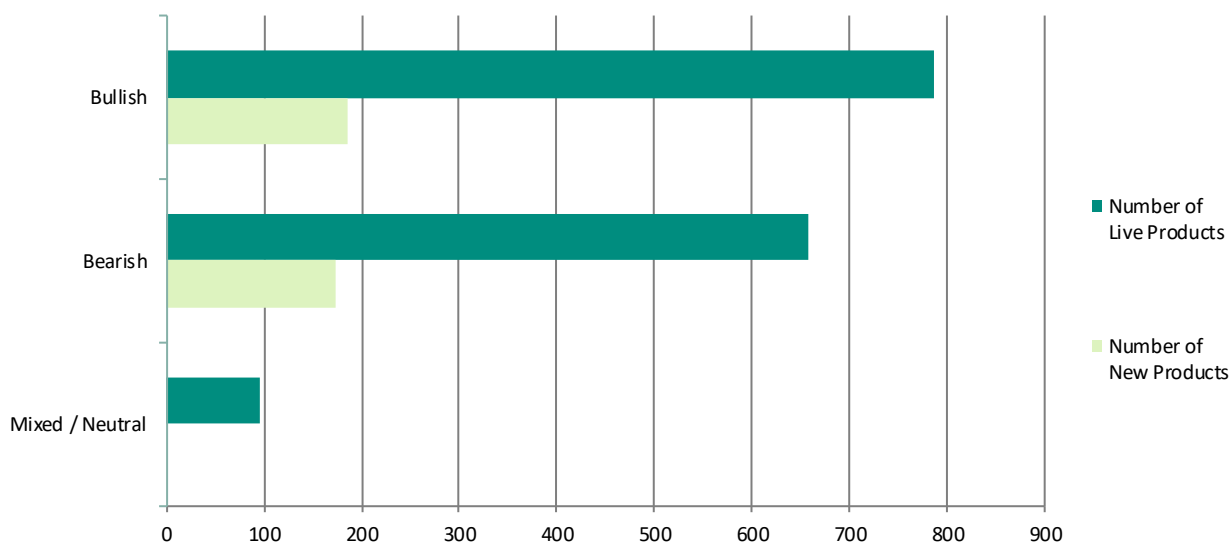
Product Overview

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	786	2.5%	4.3%	51.0%	186	-3.6%	-8.3%	51.8%
Bearish	658	-6.8%	-7.0%	42.7%	173	45%	-7.3%	48.2%
Mixed / Neutral	96	-2.3%	-8.5%	6.2%	0		-100%	0.0%
Total	1,541	-2.0%	-1.6%	100%	359	15.1%	-9.1%	100%

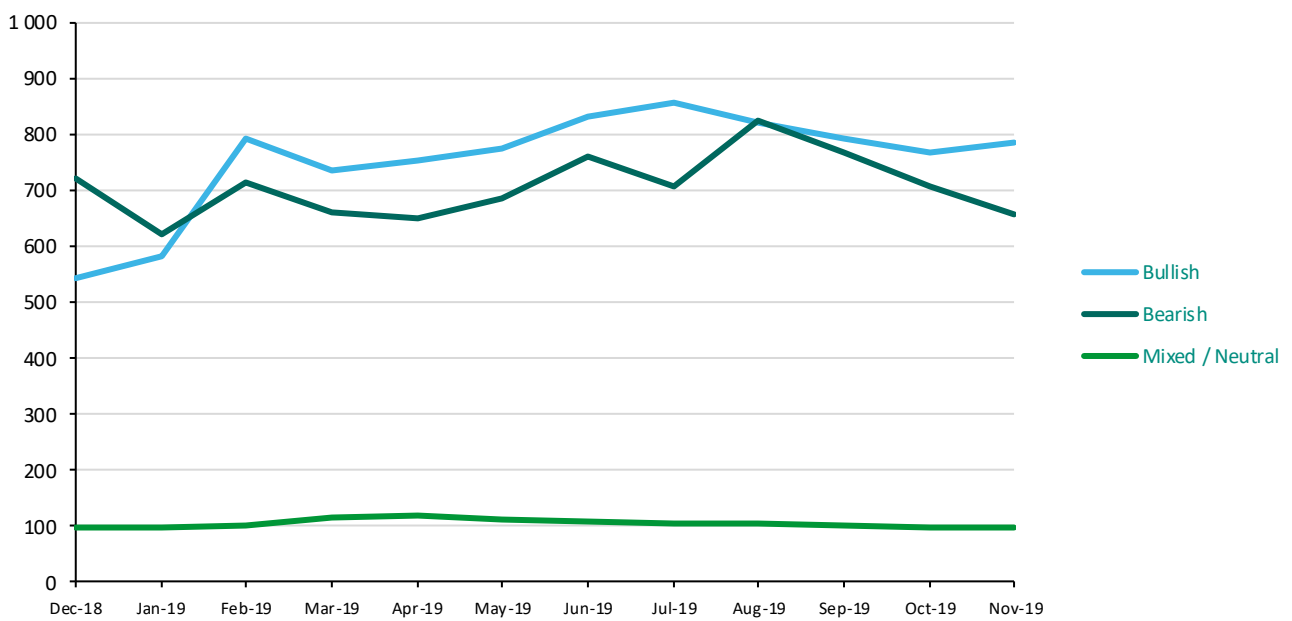
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PRODUCT STRATEGIES

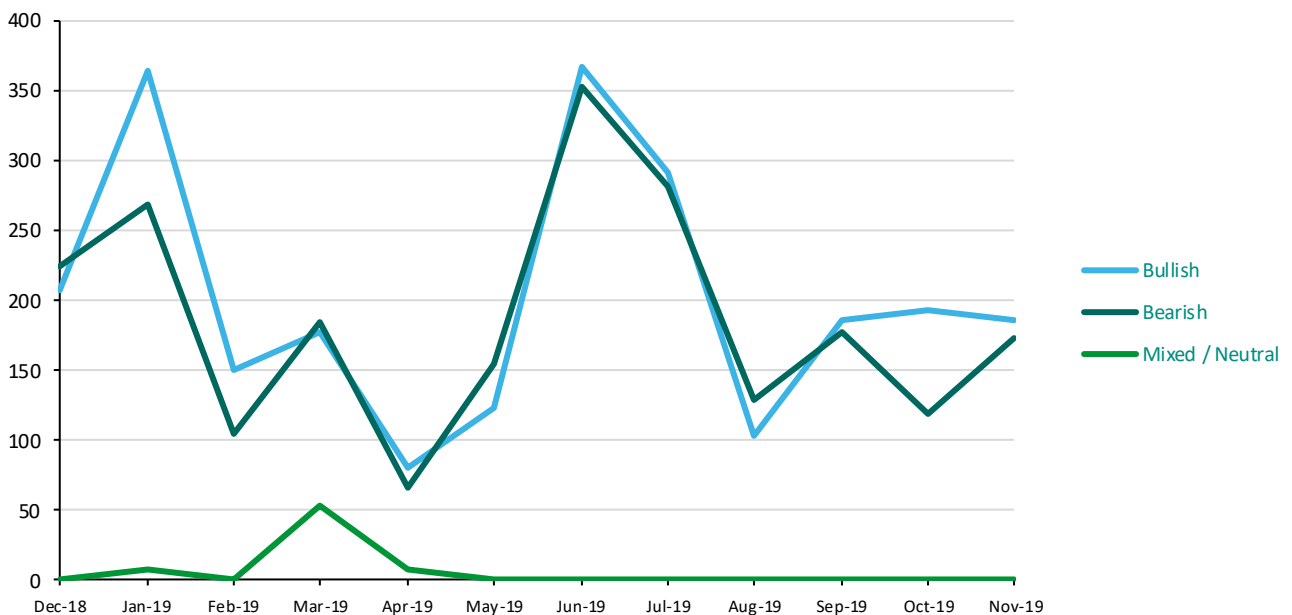
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

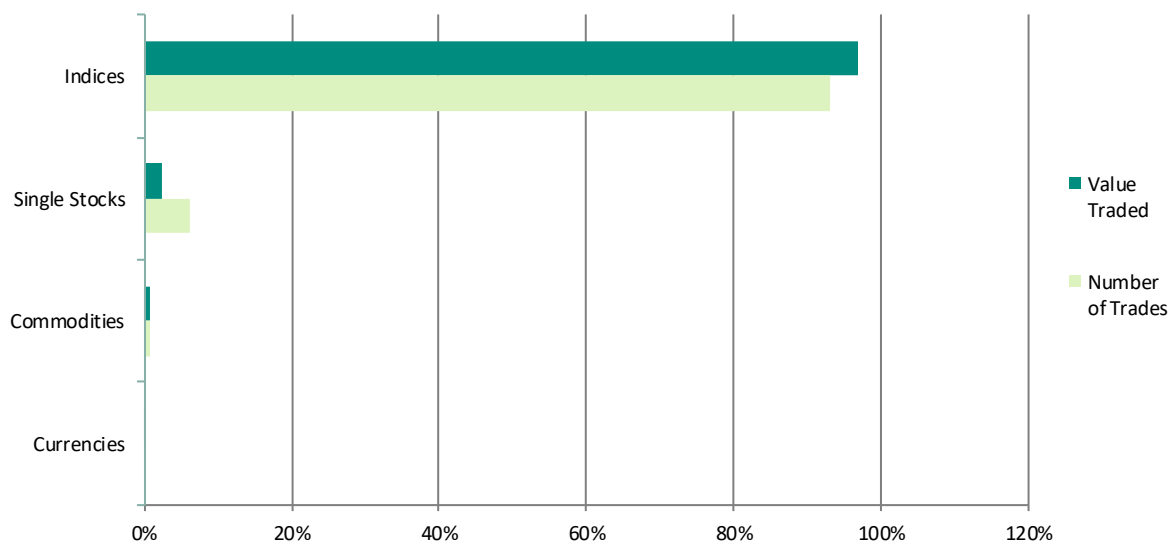
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	6,773	29%	38%	97.0%	516	19.5%	29.6%	93.2%
Single Stocks	167	86%	53%	2.4%	33	7.8%	10.5%	6.1%
Commodities	43	2.0%	-19.6%	0.6%	3.8	20.2%	-11.9%	0.7%
Currencies	0	-44%	-78%	0.0%	0.3	119.0%	-46.6%	0.1%
Total	6,983	29.3%	37.7%	100%	553	18.7%	27.8%	100%

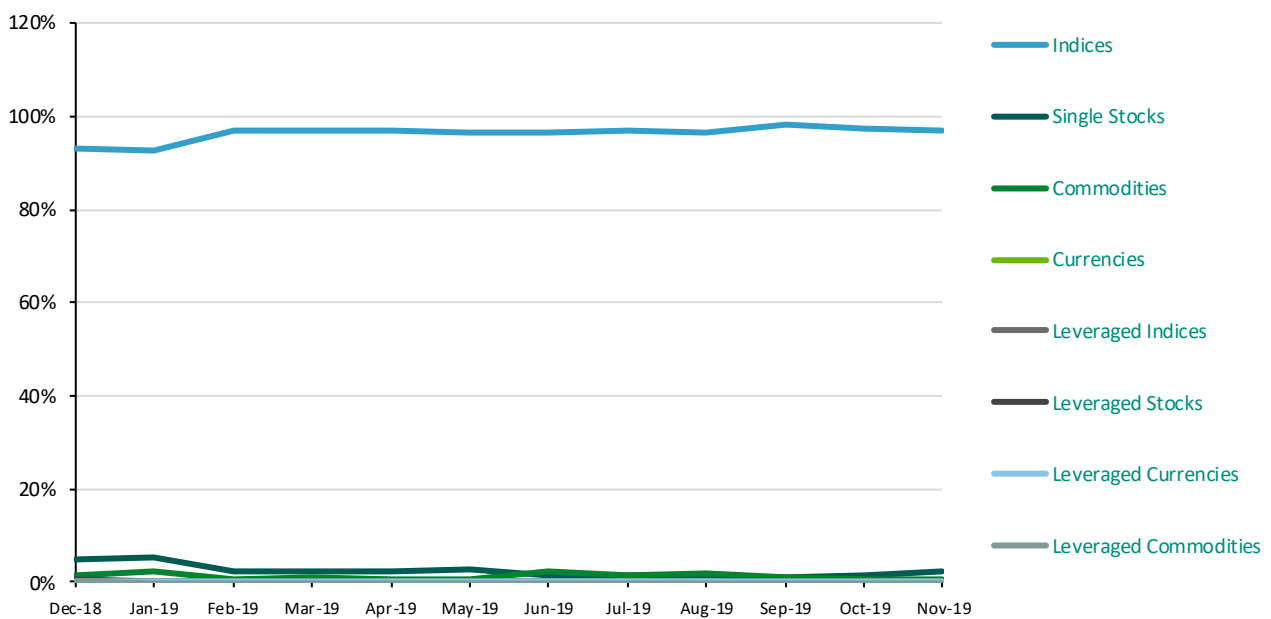
(Source Euronext)



UNDERLYING TYPES

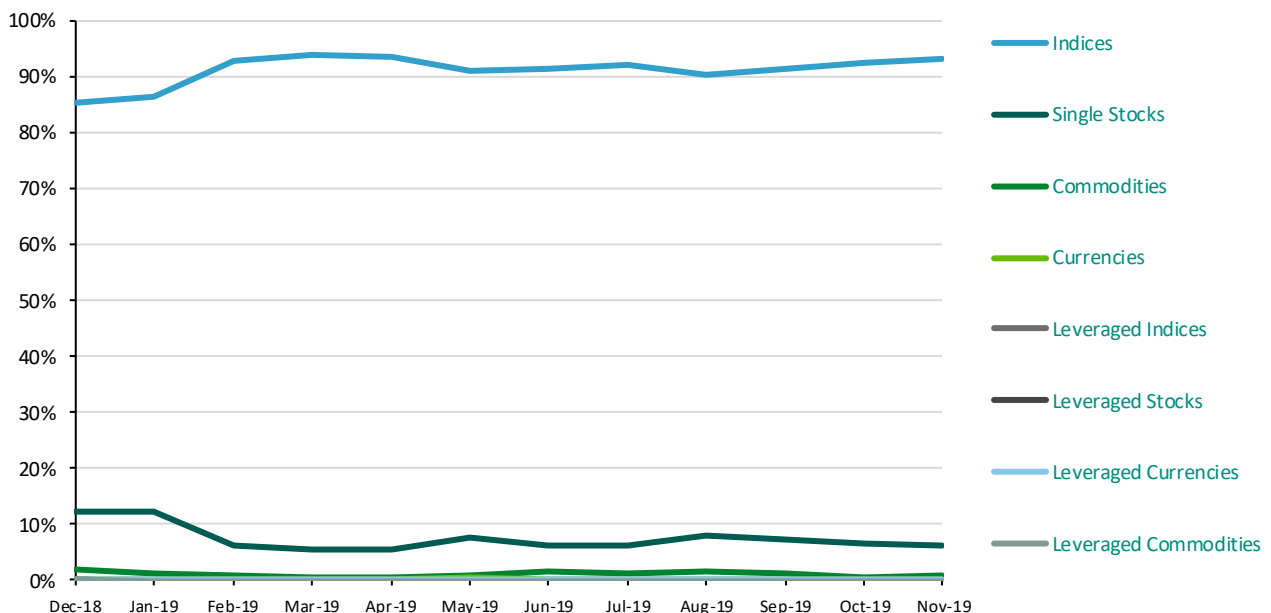
Market Trend: Value traded

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

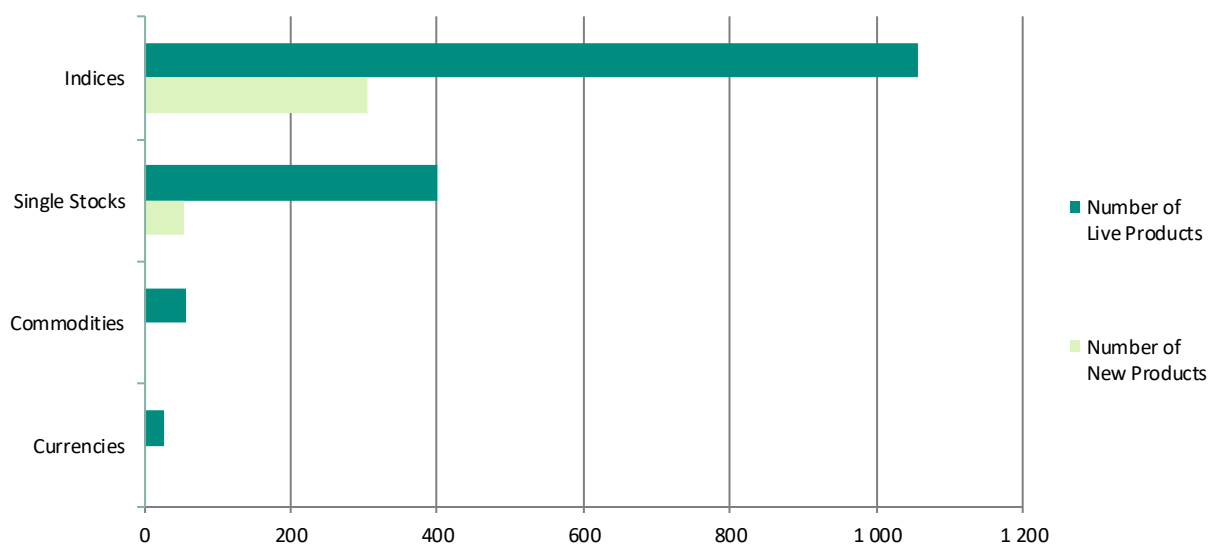
Product Overview

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	1,058	1.1%	1.9%	68.7%	306	38%	3.7%	85.2%
Single Stocks	399	-9.7%	-10.5%	25.9%	53	-13.1%	-37%	14.8%
Commodities	57	-0.1%	5.9%	3.7%	0	-100%	-100%	0.0%
Currencies	26	1.6%	3.5%	1.7%	0	-100%	-100%	0.0%
Total	1,541	-2.0%	-1.6%	100%	359	15.1%	-9.1%	100%

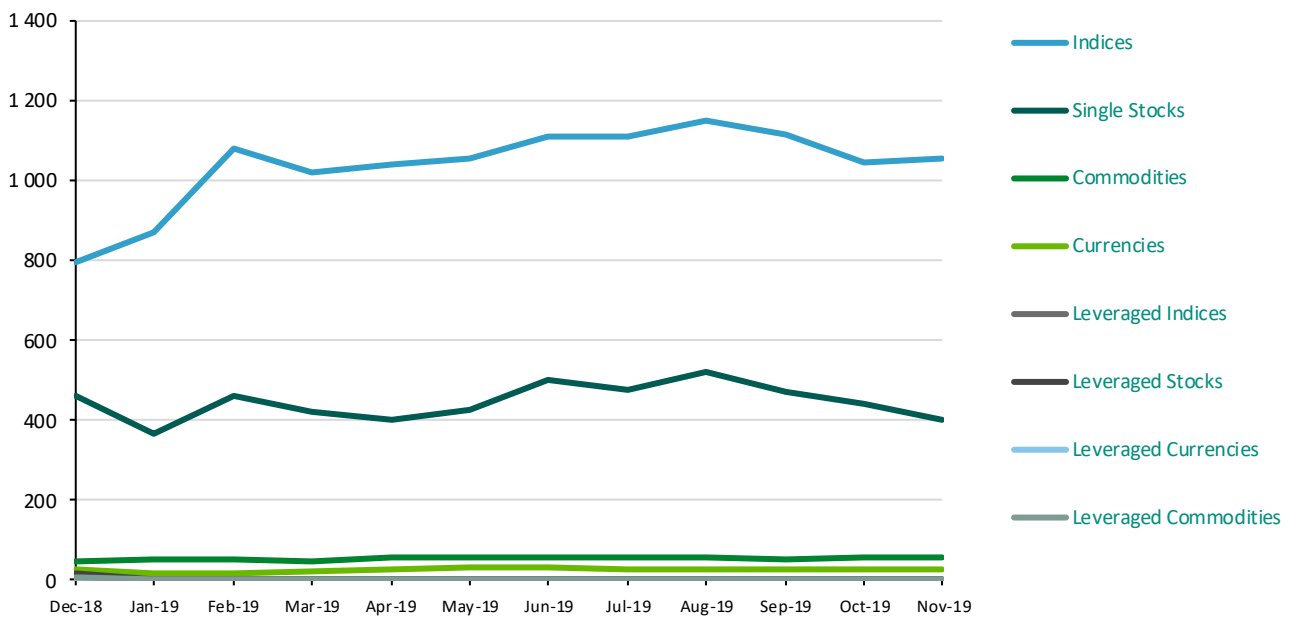
(Source Euronext)



UNDERLYING TYPES

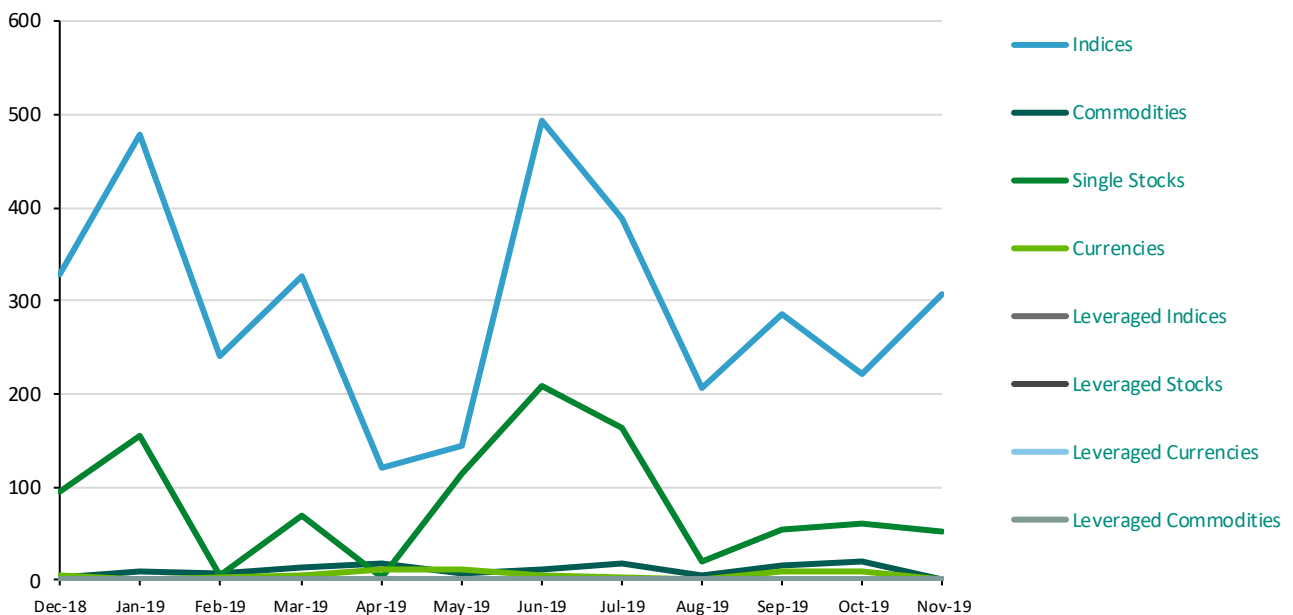
Product Trend: Number of Live Products

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

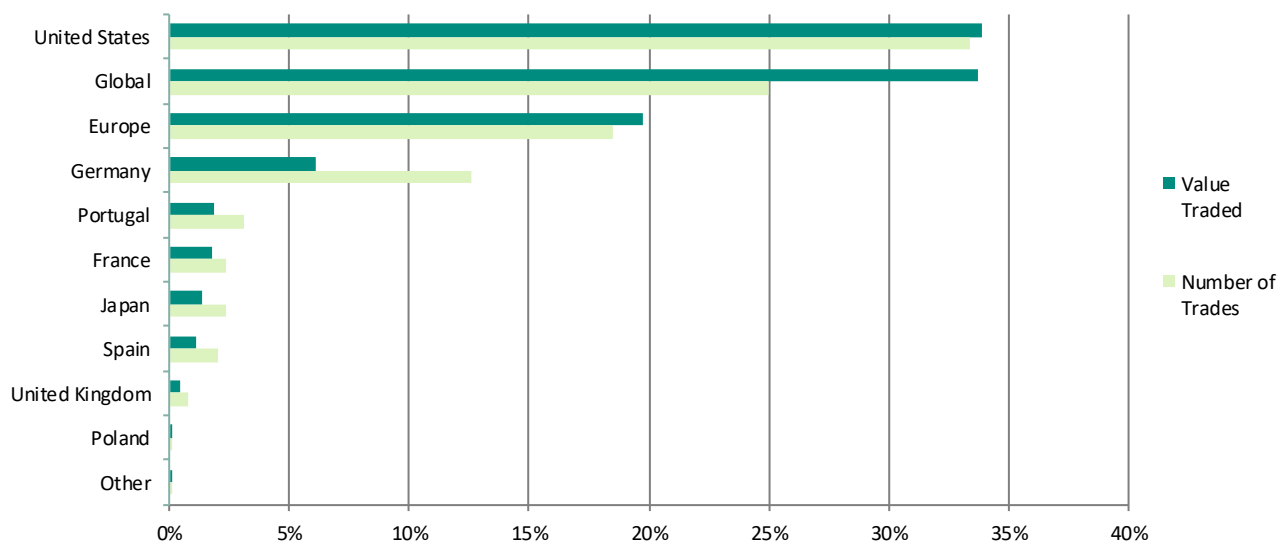
Market Overview

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	2,368	31%	38%	33.9%	185	13.4%	26.1%	33.4%
Global	2,359	35%	38%	33.8%	138	39%	59%	25.0%
Europe	1,380	29%	45%	19.8%	102	38%	48%	18.5%
Germany	423	-11.1%	8.9%	6.1%	69	-15.2%	-19.9%	12.6%
Portugal	129	125%	74%	1.8%	17	17.5%	18.5%	3.1%
France	121	32%	33%	1.7%	13	17.3%	18.1%	2.3%
Japan	95	3.0%	12.2%	1.4%	13	14.5%	25%	2.4%
Spain	76	47%	108%	1.1%	11	59%	77%	2.0%
United Kingdom	30	190%	166%	0.4%	4.4	34%	126%	0.8%
Poland	2	53%	169%	0.0%	0.1	-45%	51%	0.0%
Other	0		13.5%	0.0%	0.0	NA	-47%	0.0%
Total	6,983	29.3%	37.7%	100%	553	18.7%	27.8%	100%

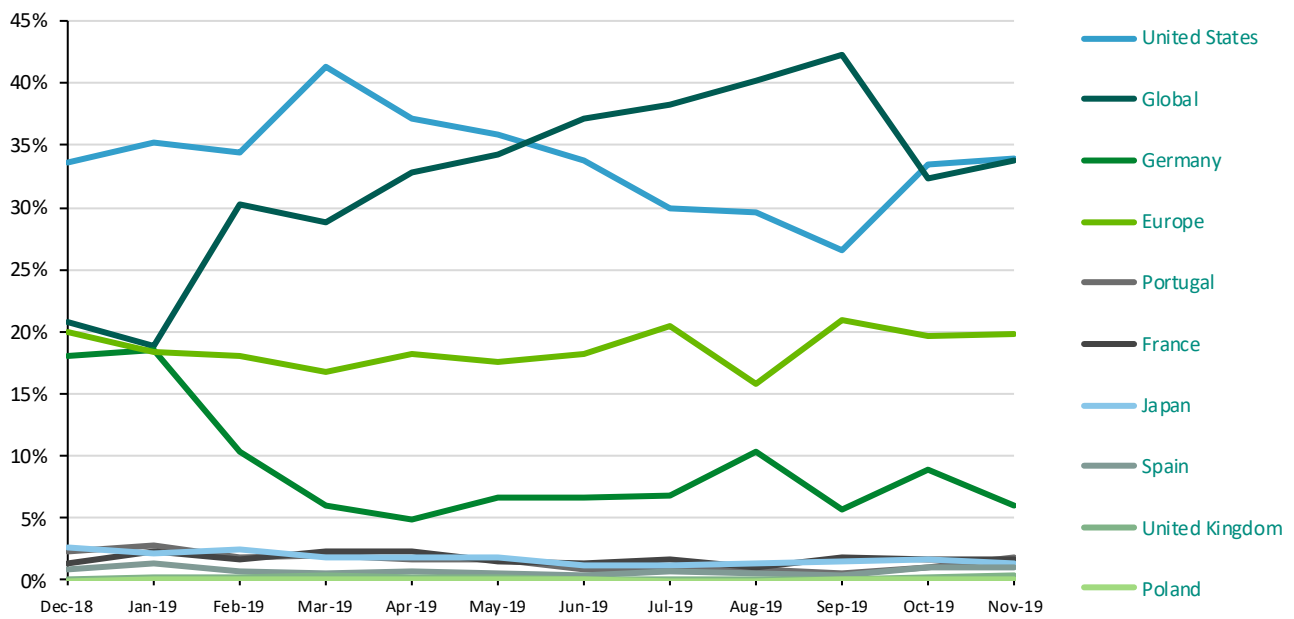
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

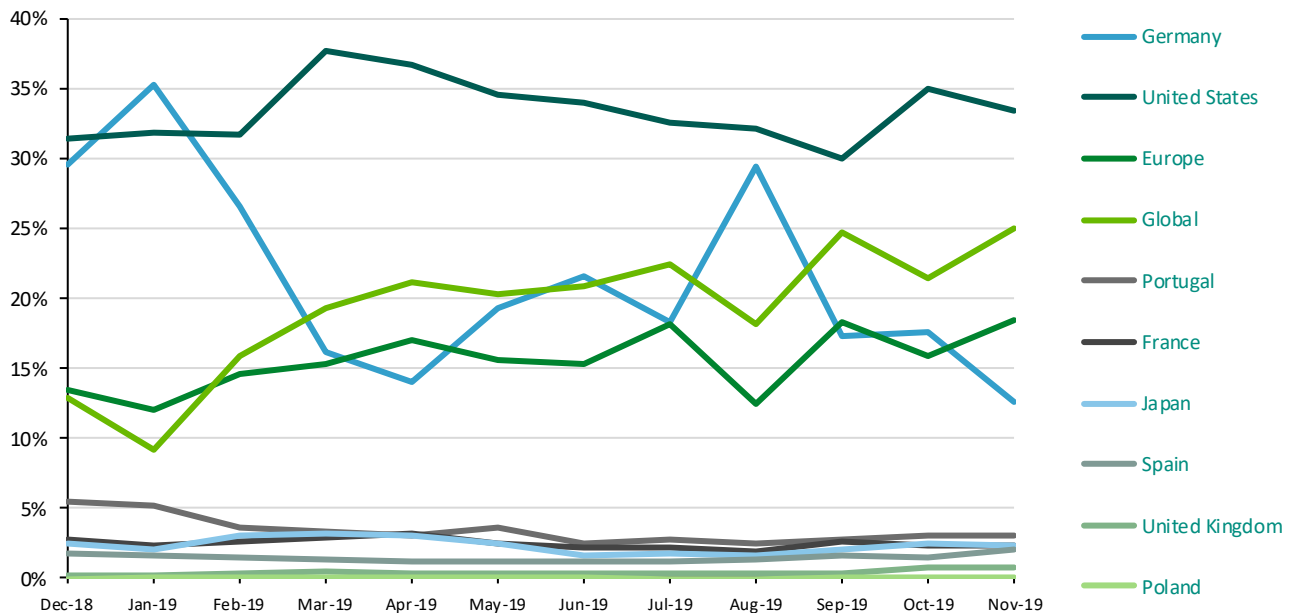
Market Trend: Value traded

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

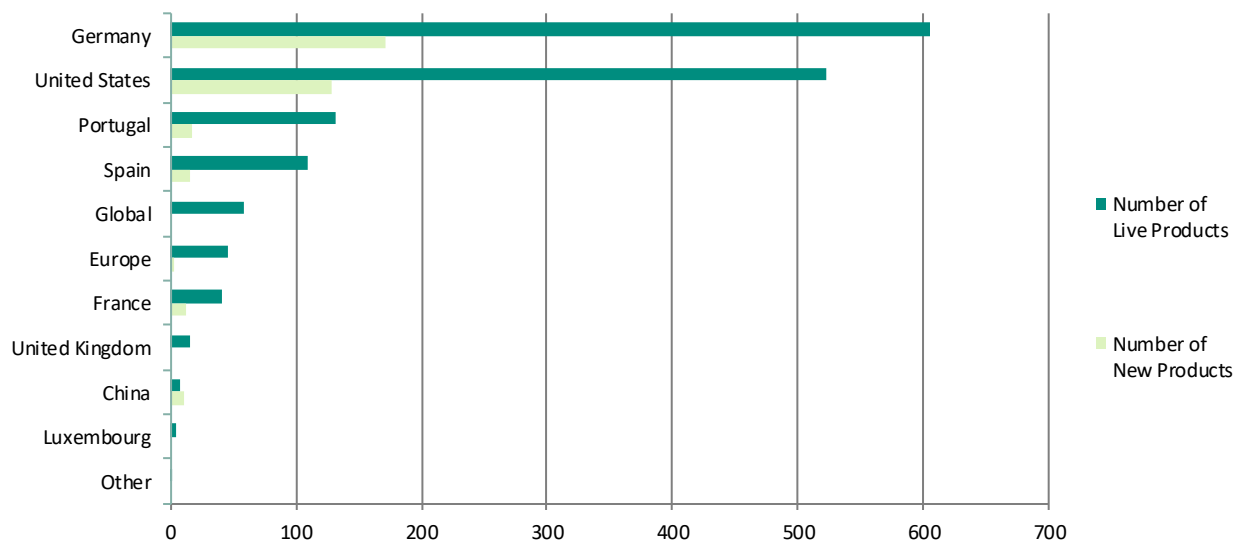
Product Overview

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	605	4.5%	3.2%	39.3%	172	45%	12.7%	47.9%
United States	523	-6.8%	-4.9%	33.9%	129	25%	-23%	35.9%
Portugal	131	-4.3%	-12.2%	8.5%	17	42%	6.8%	4.7%
Spain	109	-8.5%	-9.2%	7.1%	15	-48%	-42%	4.2%
Global	58	-0.3%	5.9%	3.8%	0	-100%	-100%	0.0%
Europe	46	-16.1%	6.2%	3.0%	3	-25%	-55%	0.8%
France	40	0.8%	-4.8%	2.6%	12	-20.0%	20.0%	3.3%
United Kingdom	15	17.1%	58%	1.0%	0	-100%	-100%	0.0%
China	7	30%	225%	0.5%	11		529%	3.1%
Luxembourg	5	44%	303%	0.3%	0	-100%	-100%	0.0%
Other	2	-2.4%	-76%	0.1%	0			0.0%
Total	1,541	-2.0%	-1.6%	100%	359	15.1%	-9.1%	100%

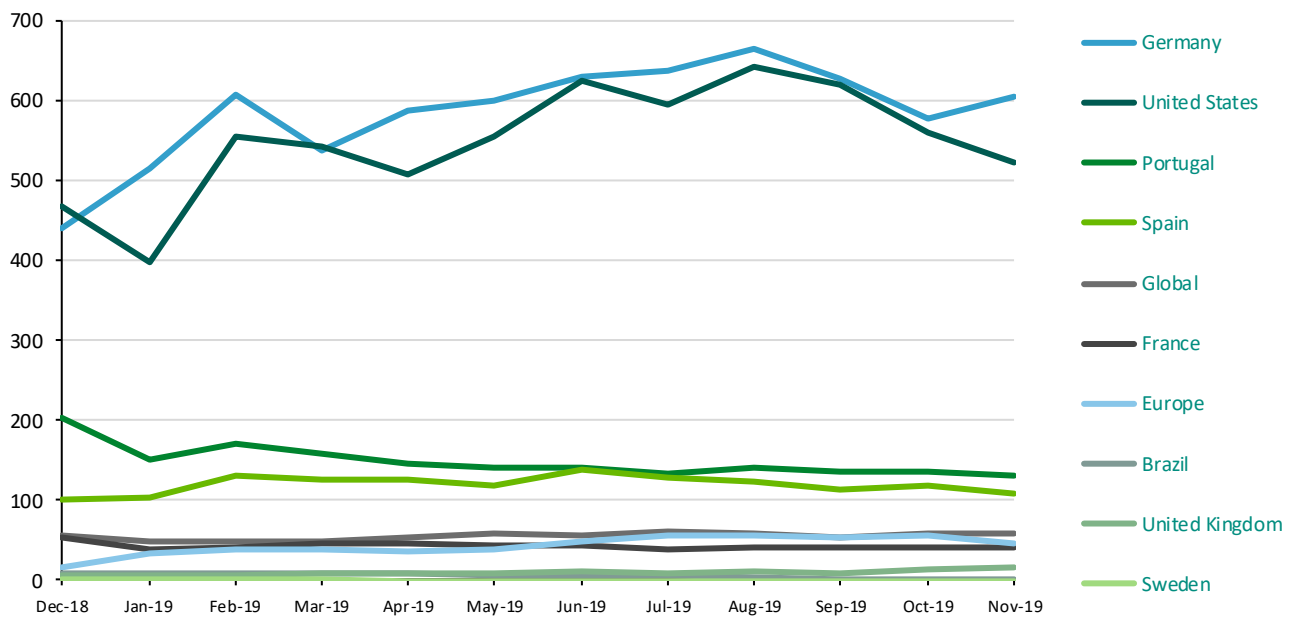
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

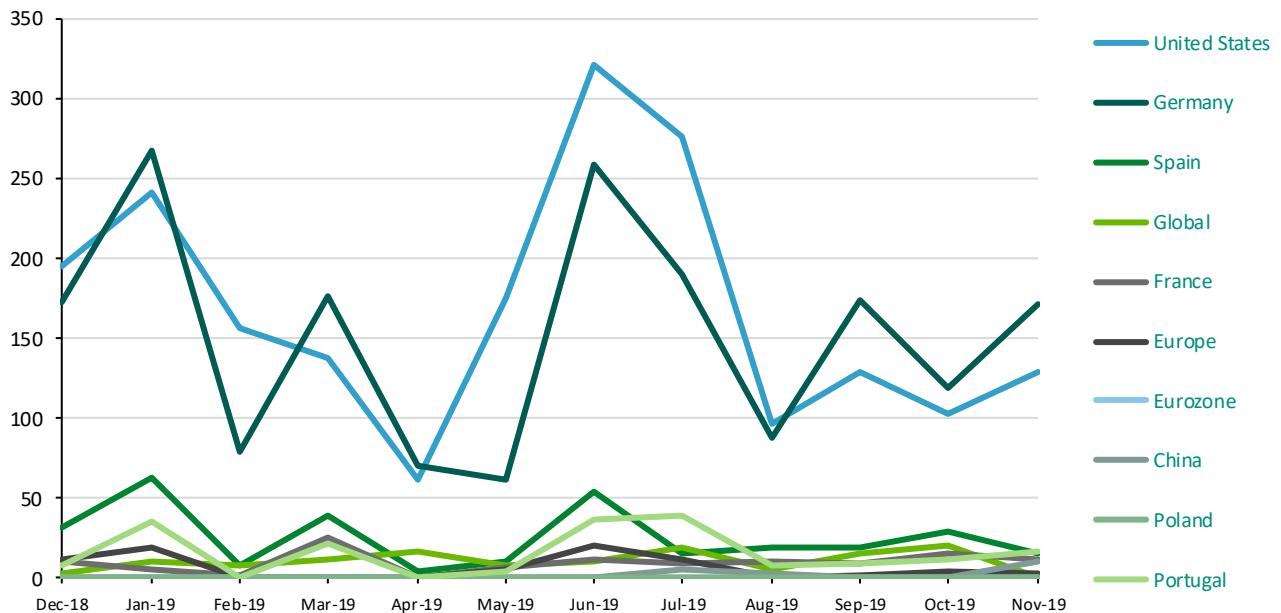
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

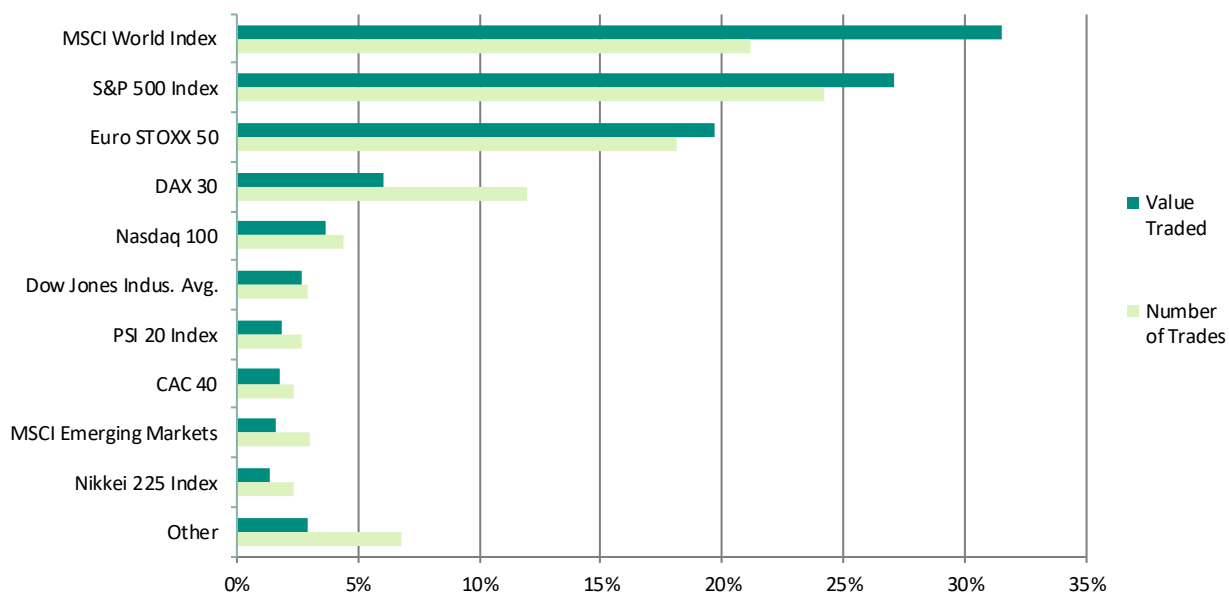
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
MSCI World Index	2,201	33%	37%	31.5%	117	32.9%	55.3%	21.2%
S&P 500 Index	1,893	29%	37%	27.1%	134	23%	41%	24.3%
Euro STOXX 50	1,372	30%	46%	19.7%	100	38%	49%	18.2%
DAX 30	420	-11.1%	10.6%	6.0%	66	-15.2%	-19.8%	12.0%
Nasdaq 100	257	59%	55%	3.7%	24	-11.3%	-1.2%	4.4%
Dow Jones Indus. Avg.	185	26%	29%	2.7%	16	-8.6%	3.6%	2.9%
PSI 20 Index	126	153%	106%	1.8%	15	33%	51%	2.7%
CAC 40	121	33%	33%	1.7%	13	23%	20%	2.3%
MSCI Emerging Markets	112	139%	141%	1.6%	17	109%	150%	3.0%
Nikkei 225 Index	95	3.0%	12.2%	1.4%	13	14.5%	25%	2.4%
Other	201	24%	22%	2.9%	37	17.8%	8.8%	6.8%
Total	6,983	29.3%	37.7%	100%	553	18.7%	27.8%	100%

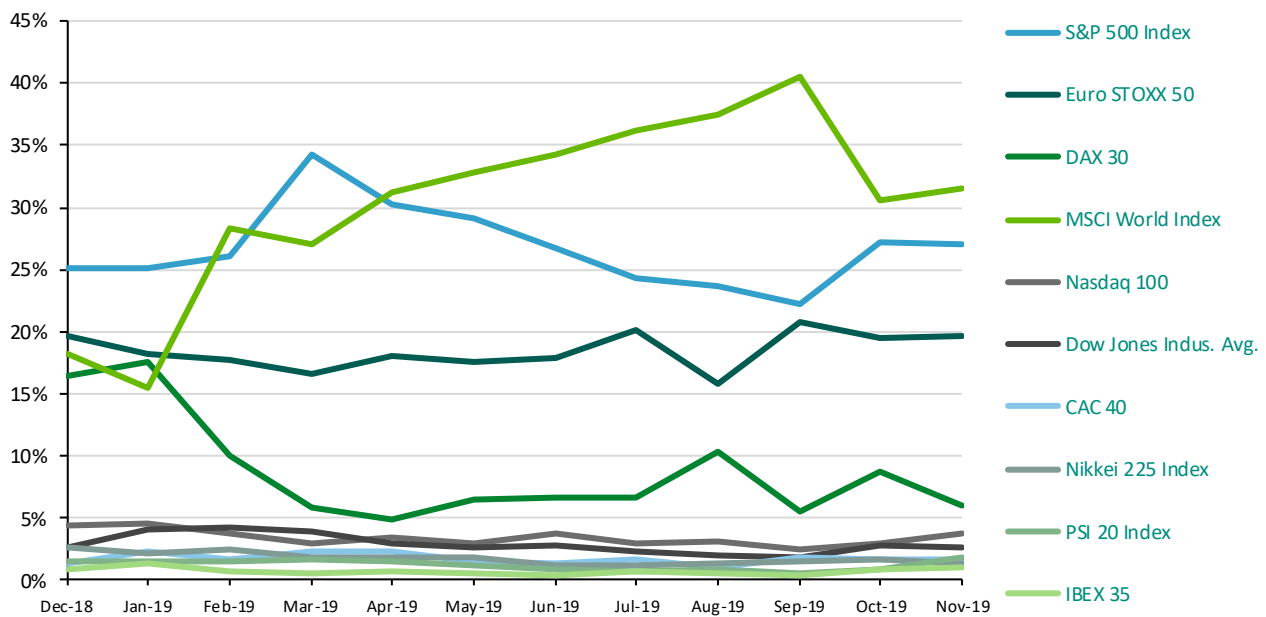
(Source Euronext)



TOP 10 UNDERLYINGS

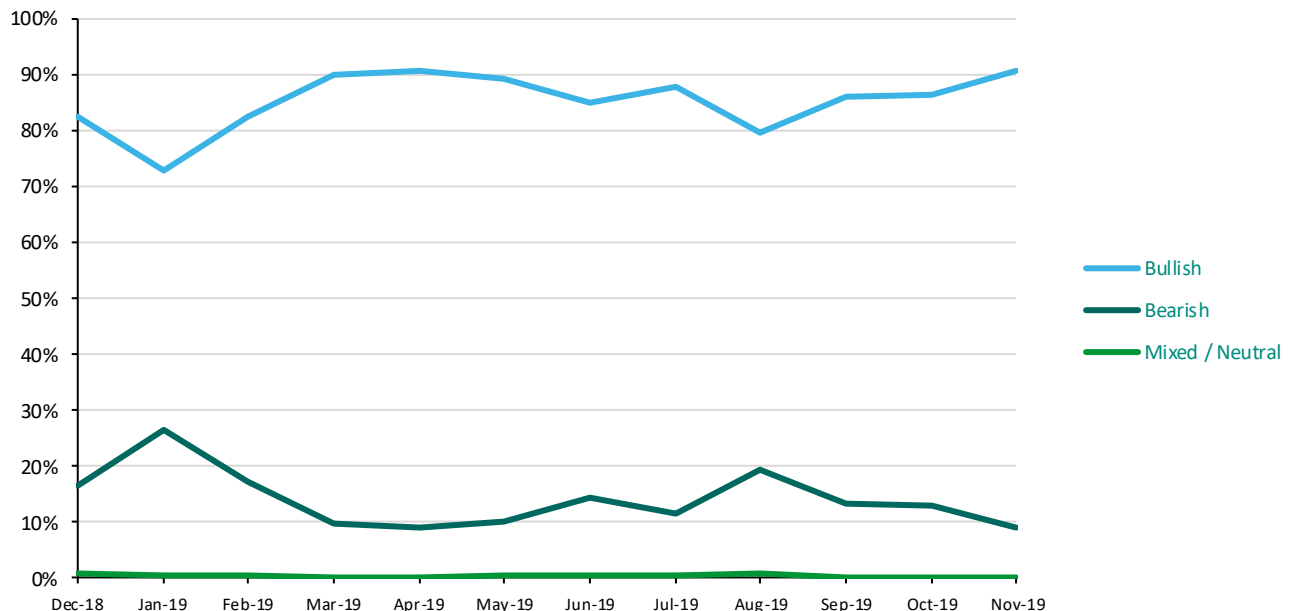
Market Trend: Value traded

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

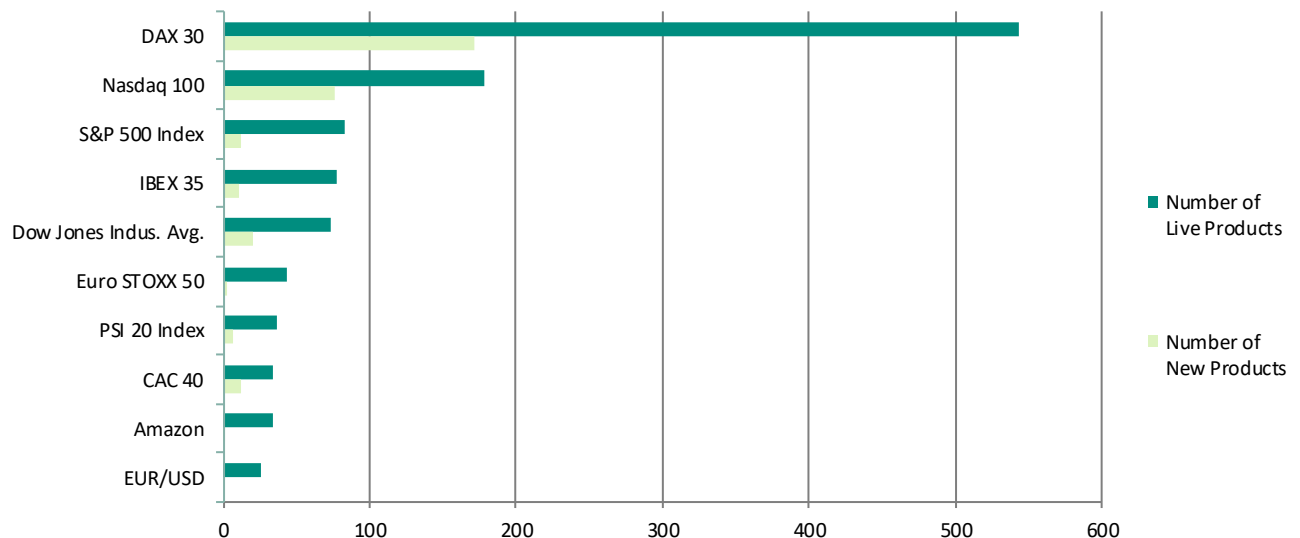
Product Overview

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	544	6.6%	4.3%	35.3%	172	51%	18.3%	47.9%
Nasdaq 100	178	3.5%	0.9%	11.6%	76	81%	10.7%	21.2%
S&P 500 Index	83	-5.4%	-1.4%	5.4%	12	9.1%	-38%	3.3%
IBEX 35	77	-9.7%	-8.4%	5.0%	11	-56%	-47%	3.1%
Dow Jones Indus. Avg.	73	-12.1%	-6.0%	4.7%	20	100%	-18.9%	5.6%
Euro STOXX 50	43	-17.0%	6.6%	2.8%	3	-25%	-55%	0.8%
PSI 20 Index	36	0.7%	-0.4%	2.4%	6		29%	1.7%
CAC 40	34	10.3%	20%	2.2%	12	-20.0%	36%	3.3%
Amazon	33	-7.0%	-12.8%	2.2%	1	-80%	-92%	0.3%
EUR/USD	26	1.6%	3.5%	1.7%	0	-100%	-100%	0.0%
Other	413	-9.0%	-9.0%	26.8%	46			12.8%
Total	1,541	-2.0%	-1.6%	100%	359	15.1%	-9.1%	100%

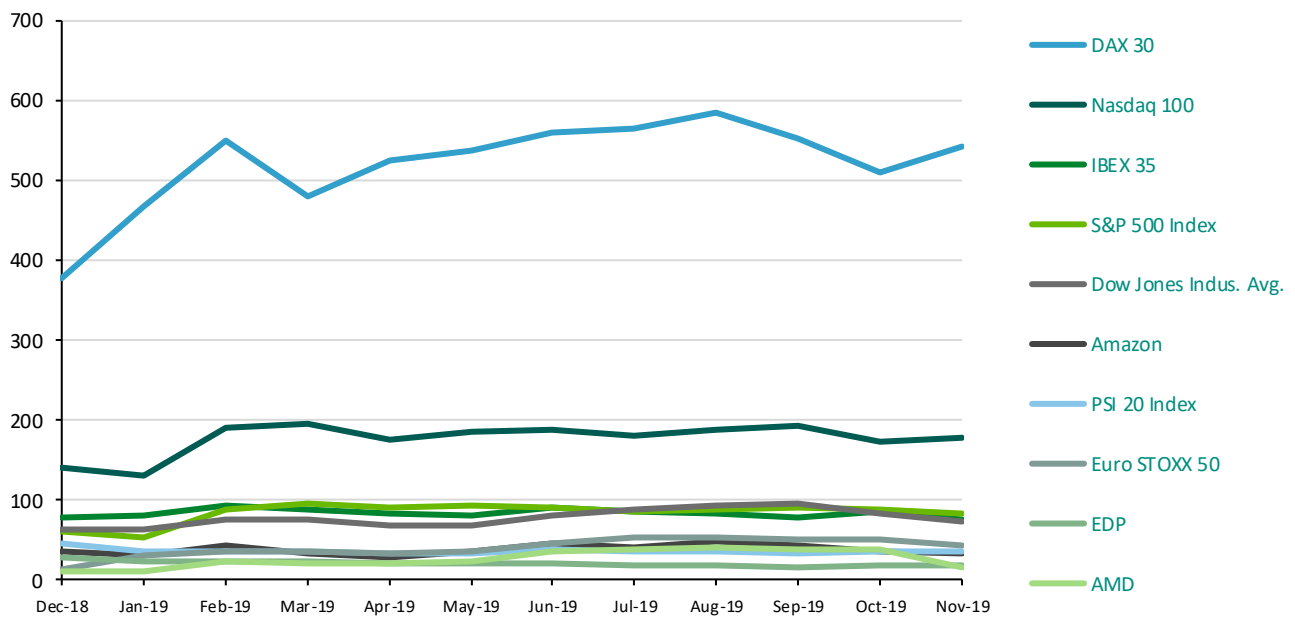
(Source Euronext)



TOP 10 UNDERLYINGS

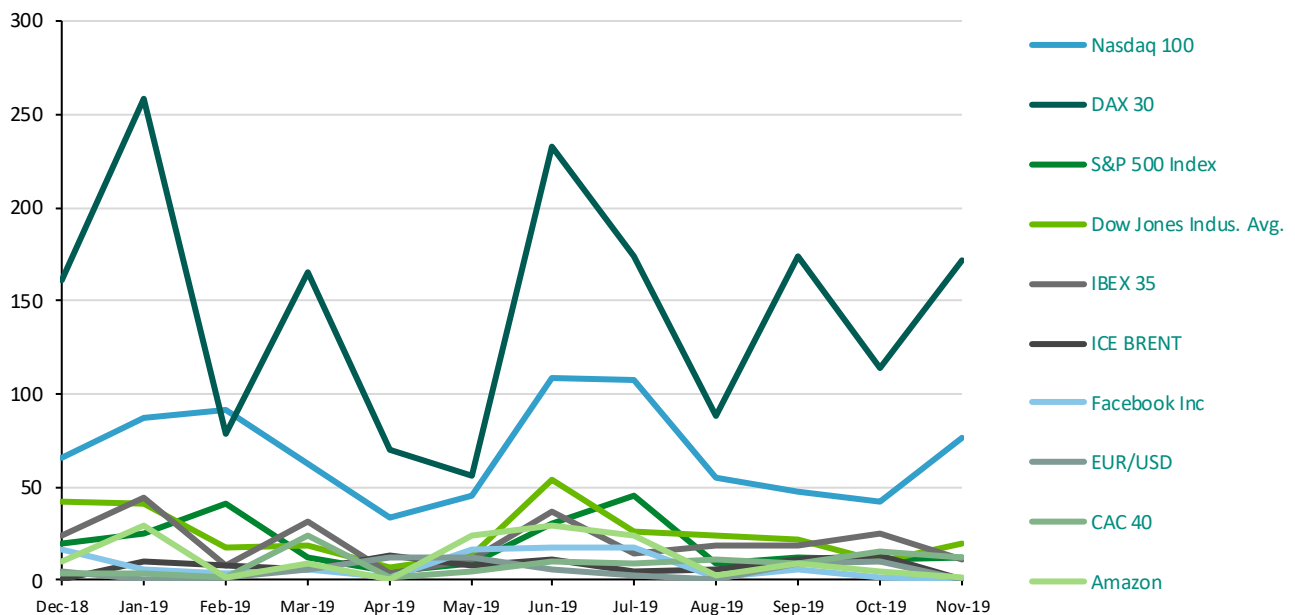
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	46,214	2,463
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	28,790	2,108
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	27,557	1,626
PTBITAYE0046	BCP	1300	Tracker Certificates	S&P 500 Index	12,174	1,150
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	6,063	468
PTBIWBYE0057	BCP	1300	Tracker Certificates	Nasdaq 100	4,511	223
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	3,874	328
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	2,641	301
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	2,520	254
PTBCTFYE0013	BCP	1300	Tracker Certificates	MSCI Emerging Markets	2,345	348
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	1,993	274
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	1,370	183
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	734	54
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	588	48
DE000KA39BB8	Citi	2200	Knock-Out Warrants	DAX 30	282	29
DE000KA39A35	Citi	2200	Knock-Out Warrants	Nasdaq 100	199	38
DE000CU1Q2U3	Commerzbank	2200	Knock-Out Warrants	IBEX 35	192	2
DE000KA387B6	Citi	2200	Knock-Out Warrants	DAX 30	186	81
DE000CU1Q8B0	Commerzbank	2200	Knock-Out Warrants	DAX 30	177	47
DE000KA39AF1	Citi	2200	Knock-Out Warrants	Facebook Inc	168	49
DE000KA39B11	Citi	2200	Knock-Out Warrants	DAX 30	164	29
DE000CU1QX84	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	156	16
DE000KA39AM7	Citi	2200	Knock-Out Warrants	DAX 30	153	24
DE000KA39A43	Citi	2200	Knock-Out Warrants	Nasdaq 100	153	28
DE000CU1Q635	Commerzbank	2200	Knock-Out Warrants	DAX 30	152	11
DE000CU1Q791	Commerzbank	2200	Knock-Out Warrants	DAX 30	140	21
DE000CU1QY59	Commerzbank	2200	Knock-Out Warrants	DAX 30	134	10
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	124	10
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	120	27
DE000CU1Q8D6	Commerzbank	2200	Knock-Out Warrants	DAX 30	115	21
DE000KA38717	Citi	2200	Knock-Out Warrants	Amazon	107	11
DE000CU1QXM2	Commerzbank	2200	Knock-Out Warrants	DAX 30	98	14
DE000KA385S4	Citi	2200	Knock-Out Warrants	Amazon	95	10
DE000KA39BC6	Citi	2200	Knock-Out Warrants	DAX 30	93	49
DE000KA385P0	Citi	2200	Knock-Out Warrants	Amazon	88	9
DE000CP6NRV8	Citi	2100	Warrants	DAX 30	88	10
DE000KA39A68	Citi	2200	Knock-Out Warrants	Amazon	79	17
DE000CU1QXL4	Commerzbank	2200	Knock-Out Warrants	DAX 30	79	68
PTBIU2YE0087	BCP	1300	Tracker Certificates	STOXX 600 Basic Resources Inc	61	7
DE000KA39AL9	Citi	2200	Knock-Out Warrants	DAX 30	48	16
DE000KA39B34	Citi	2200	Knock-Out Warrants	Nasdaq 100	43	7
DE000CU1QXN0	Commerzbank	2200	Knock-Out Warrants	DAX 30	42	34
PTBCSZYE0010	BCP	1300	Tracker Certificates	FTSE EPRA/NAREIT Euro Zone I	42	5
DE000CU1Q7G1	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	41	9
DE000KA385E4	Citi	2200	Knock-Out Warrants	Nasdaq 100	41	5
DE000KA39BA0	Citi	2200	Knock-Out Warrants	DAX 30	40	10
DE000CU1Q783	Commerzbank	2200	Knock-Out Warrants	DAX 30	37	20
DE000CU1Q8C8	Commerzbank	2200	Knock-Out Warrants	DAX 30	37	8
DE000KA39B00	Citi	2200	Knock-Out Warrants	DAX 30	36	16
DE000KA39B18	Citi	2200	Knock-Out Warrants	DAX 30	34	20

(Source Euronext)



Euronext Paris

ISSUERS

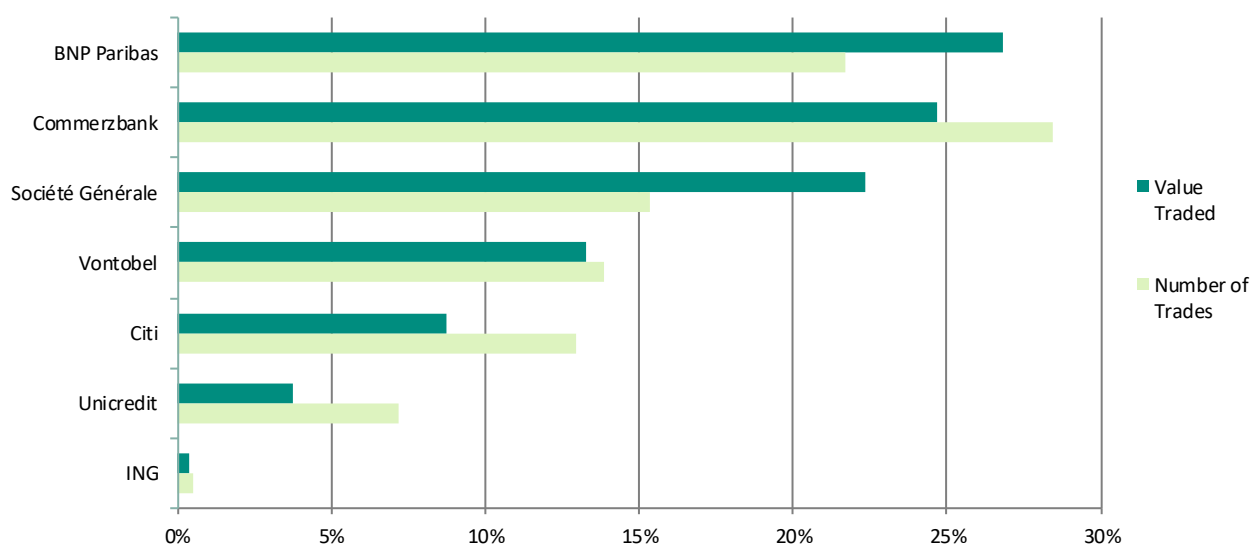
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BNP Paribas	3,068	7.3%	-13.2%	26.8%	941	-14.9%	-8.6%	21.7%
Commerzbank	2,826	-21%	-19.9%	24.7%	1,232	-19.1%	-14.3%	28.5%
Société Générale	2,558	-11.4%	-3.5%	22.4%	664	-21.7%	-25.8%	15.3%
Vontobel	1,520	36%	65%	13.3%	601	9.6%	36.1%	13.9%
Citi	1,001	-23%	-31%	8.8%	562	-25.1%	-17.7%	13.0%
Unicredit	425	0.9%	12.8%	3.7%	310	0.2%	23.9%	7.2%
ING	43	-33%	-28%	0.4%	21	-7.7%	-14.9%	0.5%
Total	11,441	-6.4%	-8.6%	100%	4,331	-15.2%	-9.1%	100%

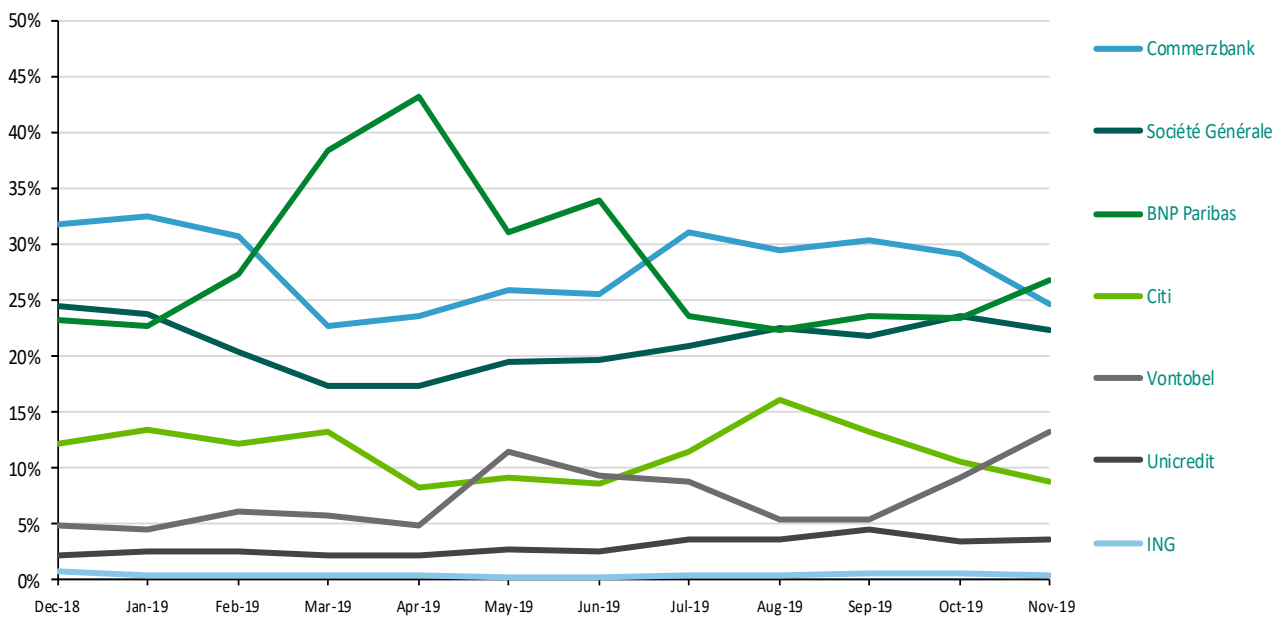
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ISSUERS

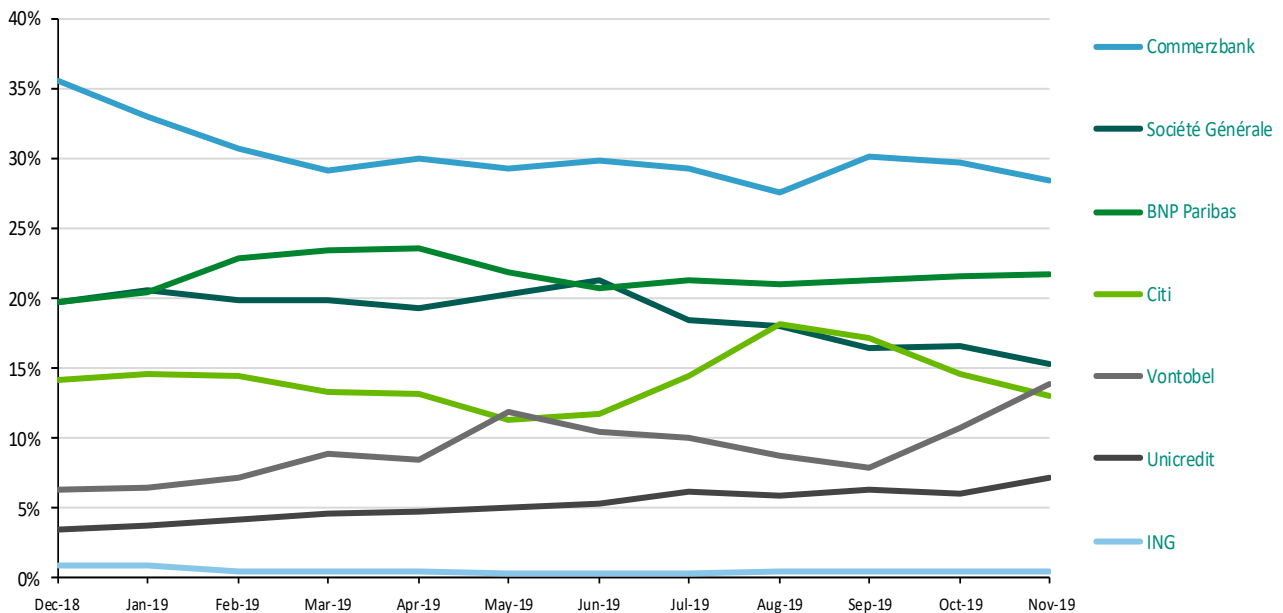
Market Trend: Value traded

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

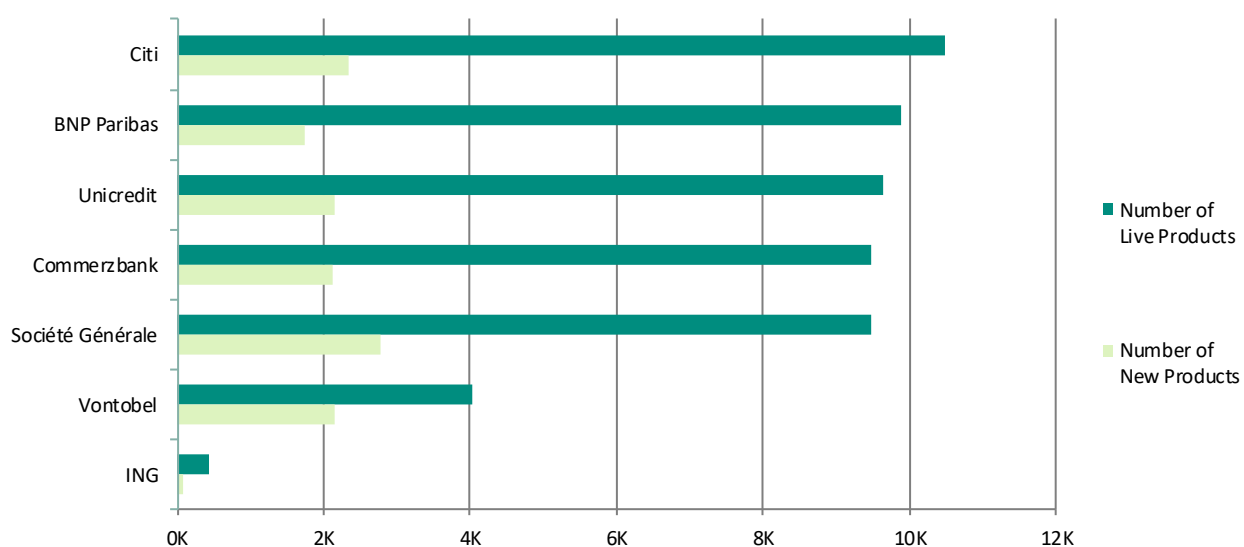
Product Overview

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
Citi	10,476	12.5%	9.6%	19.6%	2,347	-31%	-20%	17.6%
BNP Paribas	9,897	4.5%	4.5%	18.5%	1,741	-4.2%	-26%	13.0%
Unicredit	9,654	14.7%	13.9%	18.1%	2,150	11.1%	-4.1%	16.1%
Commerzbank	9,482	11.2%	2.0%	17.7%	2,124	13.8%	4.5%	15.9%
Société Générale	9,473	3.0%	-4.0%	17.7%	2,779	-5.7%	-16.8%	20.8%
Vontobel	4,039	16.4%	17.0%	7.6%	2,149	-34%	4.2%	16.1%
ING	431	6.0%	25%	0.8%	77	-2.5%	80%	0.6%
Total	53,452	9.5%	5.9%	100%	13,367	-12.5%	-11.1%	100%

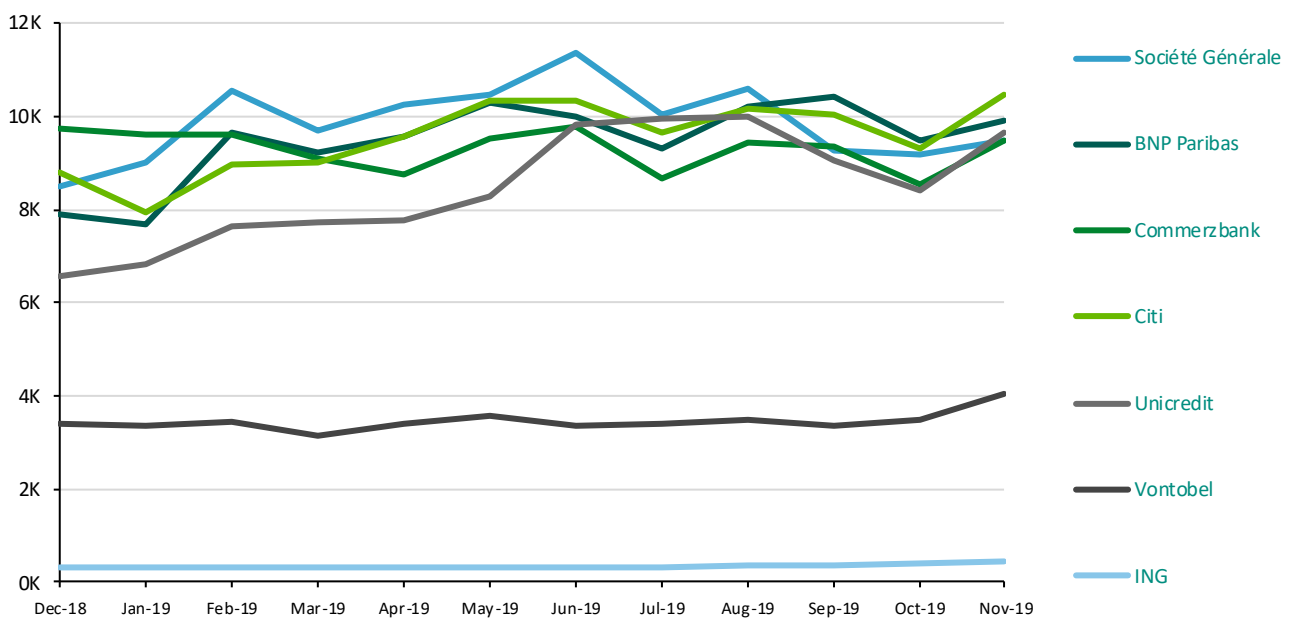
(Source Euronext)



ISSUERS

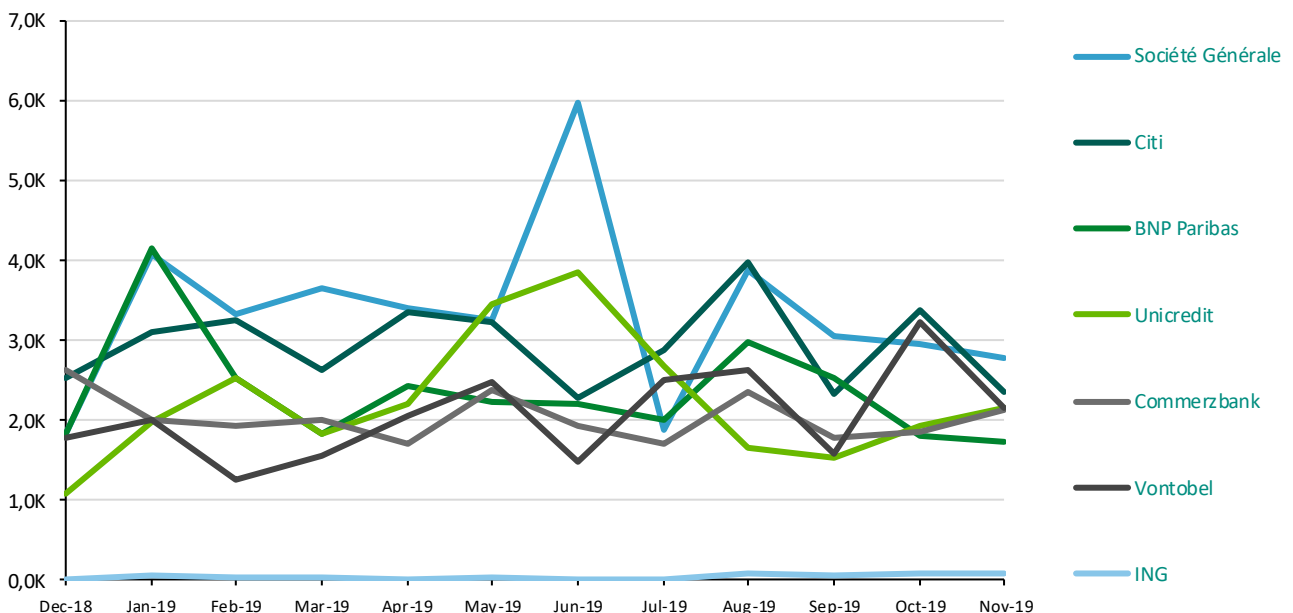
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

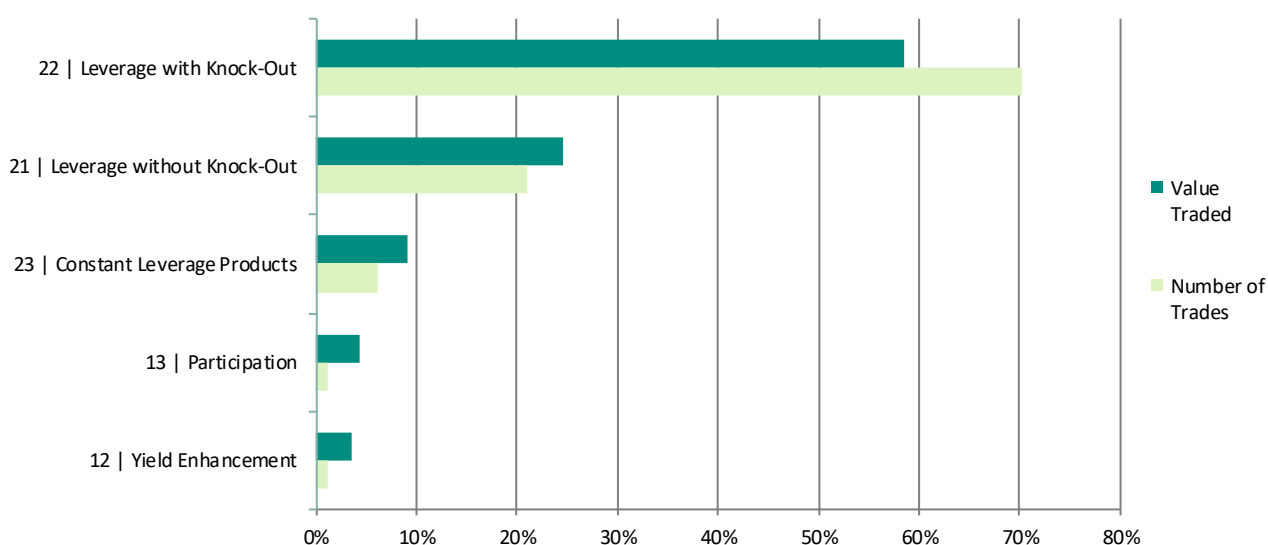
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	6,694	-8.5%	-0.6%	58.5%	3,046	-12.1%	-3.5%	70.3%
21 Leverage without Knock-Out	2,812	-0.2%	-22%	24.6%	911	-17.9%	-15.9%	21.0%
23 Constant Leverage Products	1,035	-22%	-29%	9.1%	268	-31.4%	-33.2%	6.2%
13 Participation	495	10.6%	12.6%	4.3%	53	-41.6%	-28.4%	1.2%
12 Yield Enhancement	404	32%	35%	3.5%	53	1.2%	10.6%	1.2%
Total	11,441	-6.4%	-8.6%	100%	4,331	-15.2%	-9.1%	100%

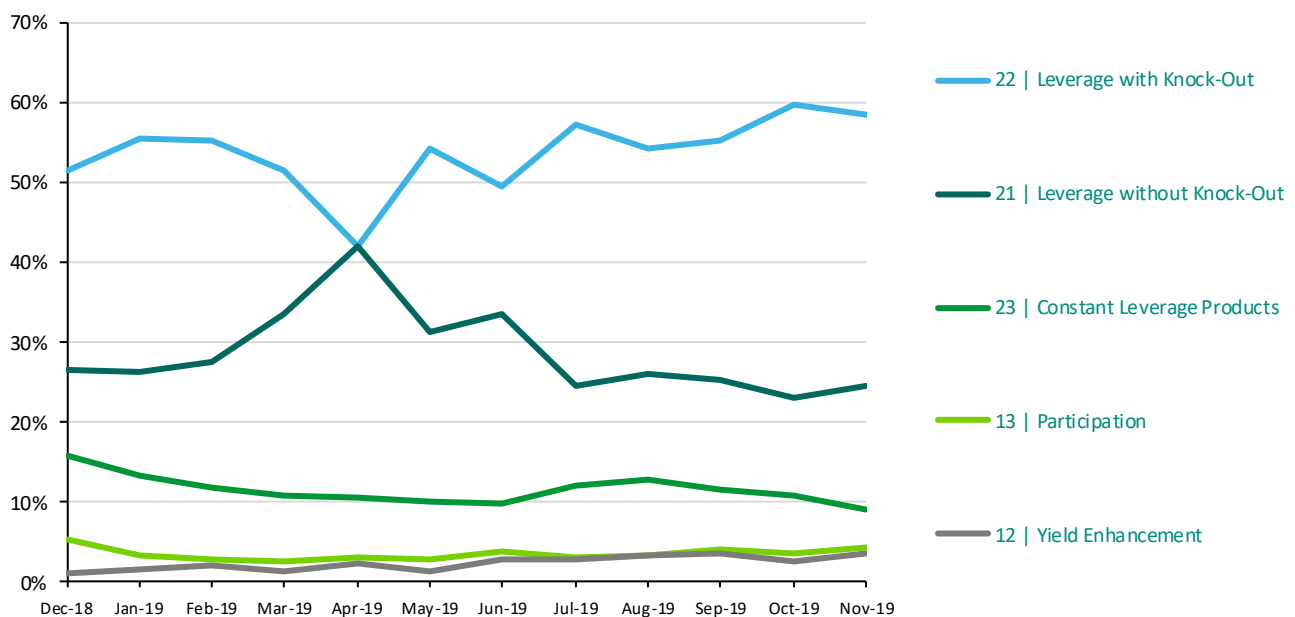
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

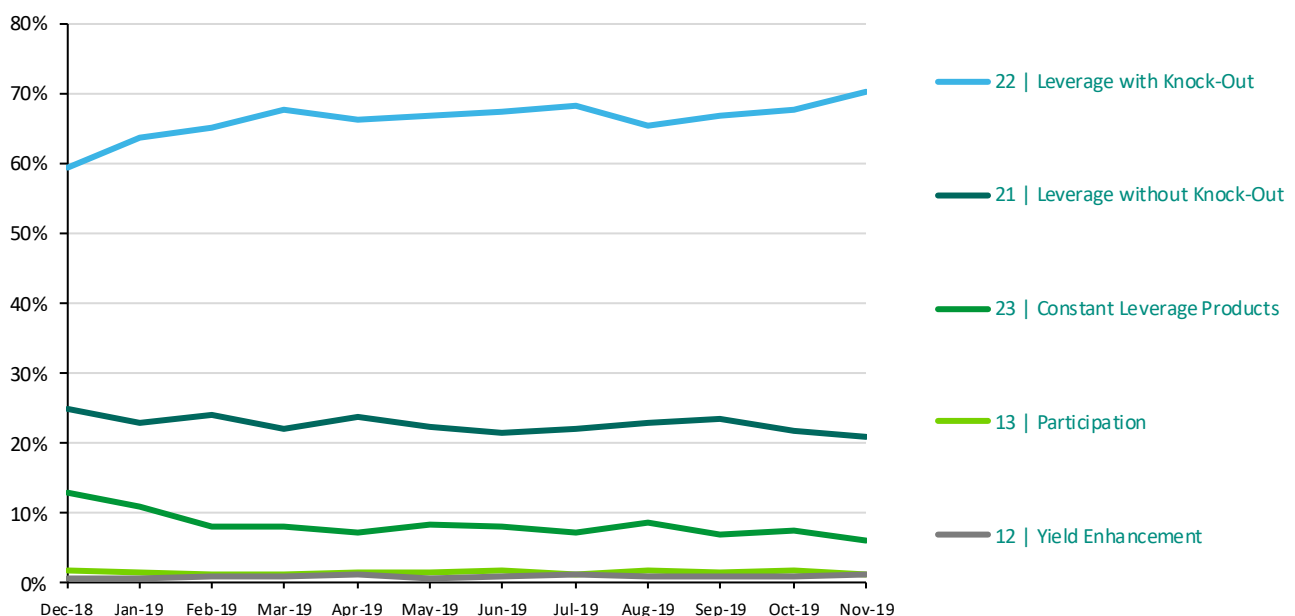
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

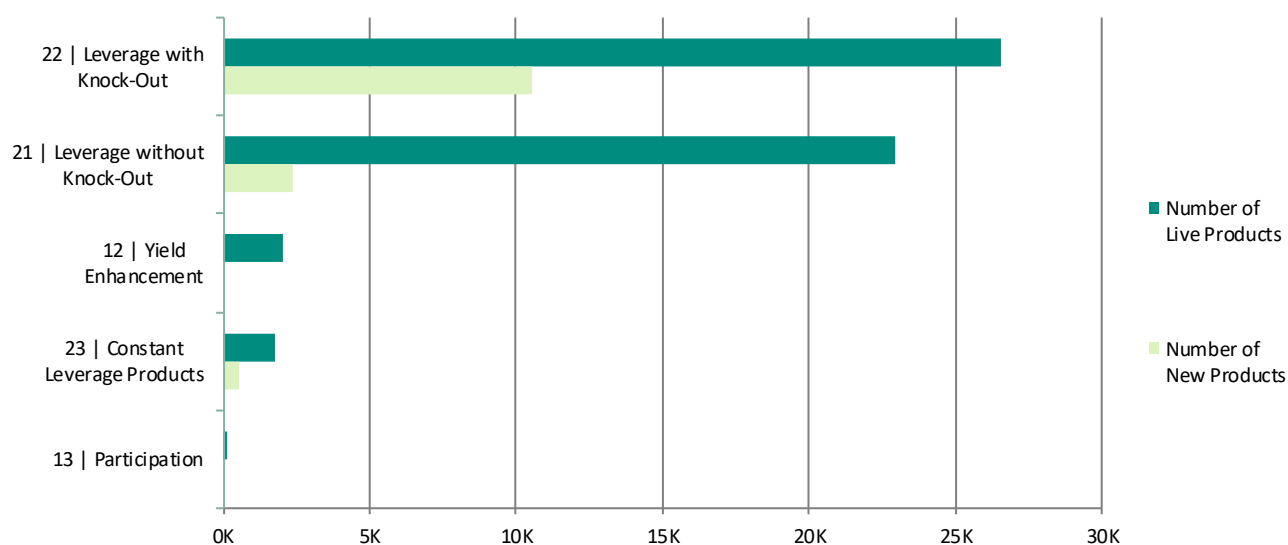
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	26,595	12.5%	8.7%	49.8%	10,518	-14.5%	-2.3%	78.7%
21 Leverage without Knock-Out	22,941	5.5%	0.0%	42.9%	2,336	-3.3%	-39%	17.5%
12 Yield Enhancement	2,043	5.1%	5.2%	3.8%	0	-100%	-100%	0.0%
23 Constant Leverage Products	1,747	29%	76%	3.3%	513	70%	260%	3.8%
13 Participation	126	0.0%	-4.3%	0.2%	0		-100%	0.0%
Total	53,452	9.5%	5.9%	100%	13,367	-12.5%	-11.1%	100%

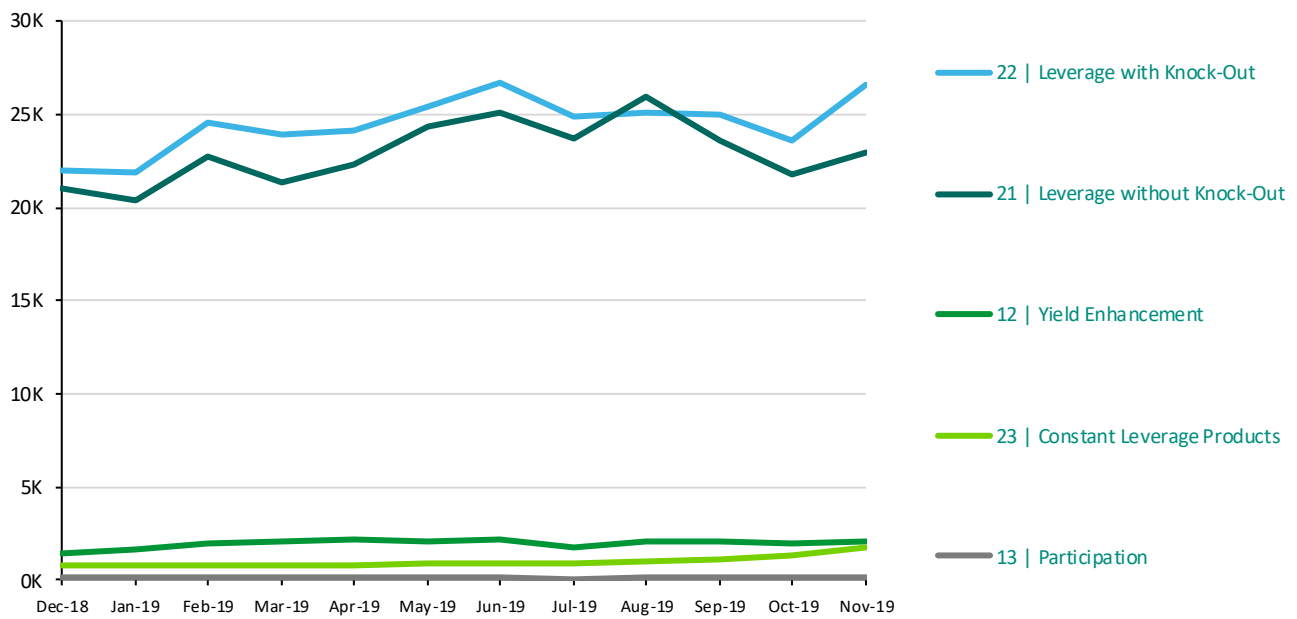
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

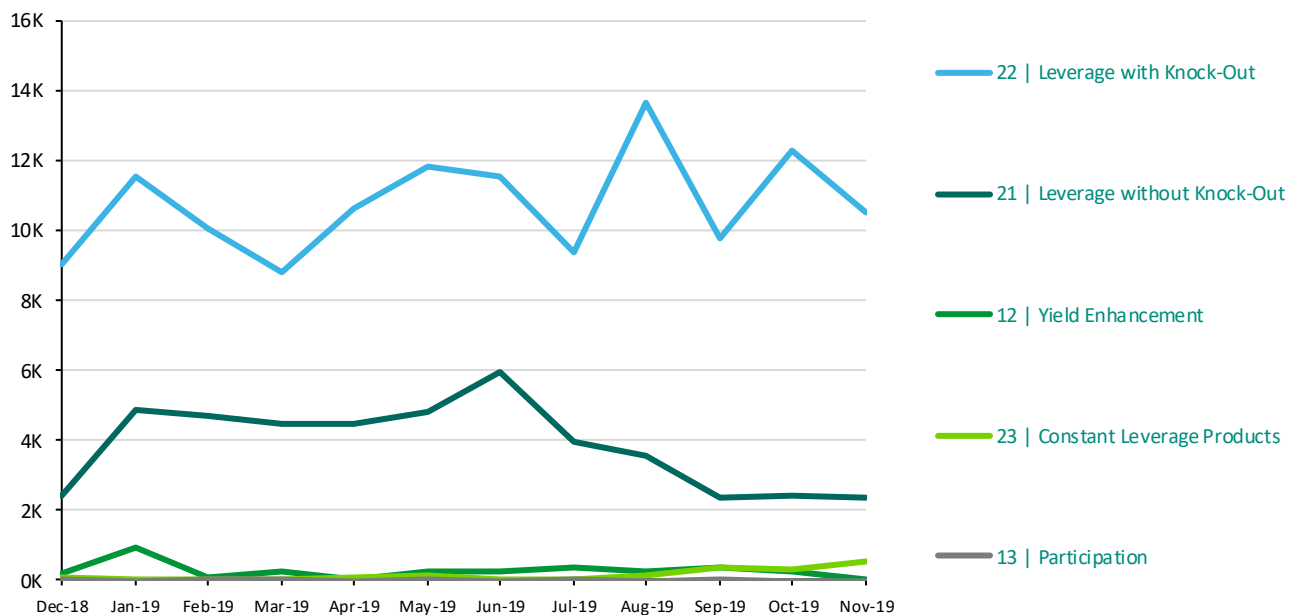
Product Trend: Number of Live Products

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)

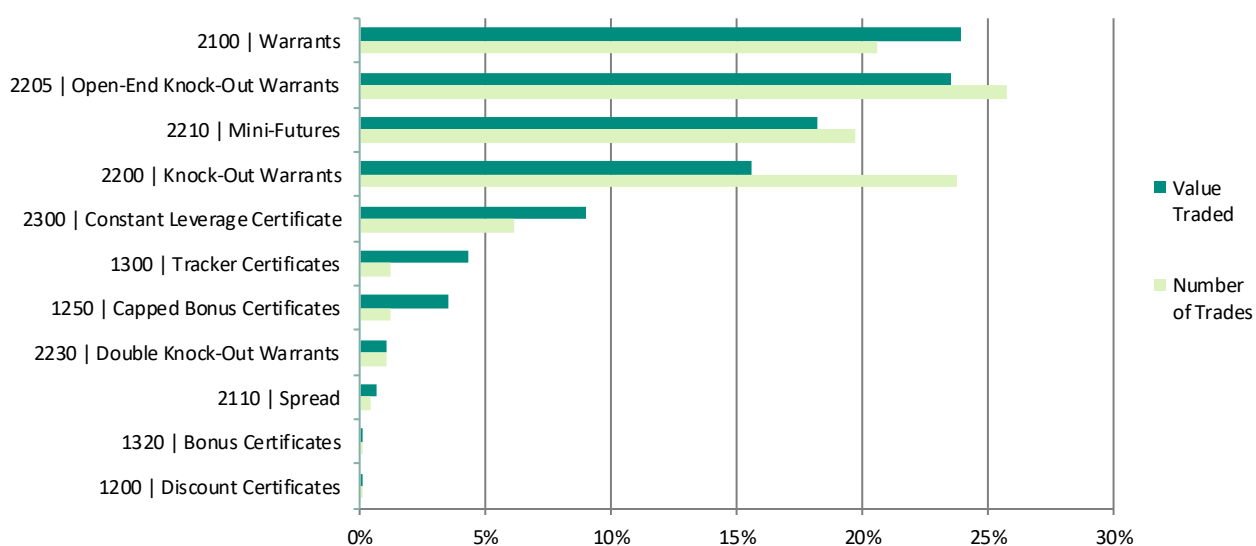
Market Overview

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	2,737	-0.1%	-23%	23.9%	892	-18.2%	-16.7%	20.6%
2205 Open-End Knock-Out Warrants	2,697	13.4%	32%	23.6%	1,116	-8.0%	6.1%	25.8%
2210 Mini-Futures	2,083	-14.8%	8.8%	18.2%	853	-20%	-1.9%	19.7%
2200 Knock-Out Warrants	1,788	-23%	-32%	15.6%	1,031	-8.3%	-13.7%	23.8%
2300 Constant Leverage Certificate	1,035	-22%	-29%	9.1%	268	-31%	-33%	6.2%
1300 Tracker Certificates	494	10.3%	12.5%	4.3%	53	-42%	-29%	1.2%
1250 Capped Bonus Certificates	403	32%	35%	3.5%	53	0.9%	10.8%	1.2%
2230 Double Knock-Out Warrants	126	-25%	-9.8%	1.1%	45	-18.5%	14.0%	1.0%
2110 Spread	75	-3.3%	85%	0.7%	20	3.9%	57%	0.5%
1320 Bonus Certificates	1	816%	185%	0.0%	0.2	448%	152%	0.0%
1200 Discount Certificates	1		8.4%	0.0%	0.1		-27%	0.0%
Total	11,441	-6.4%	-8.6%	100%	4,331	-15.2%	-9.1%	100%

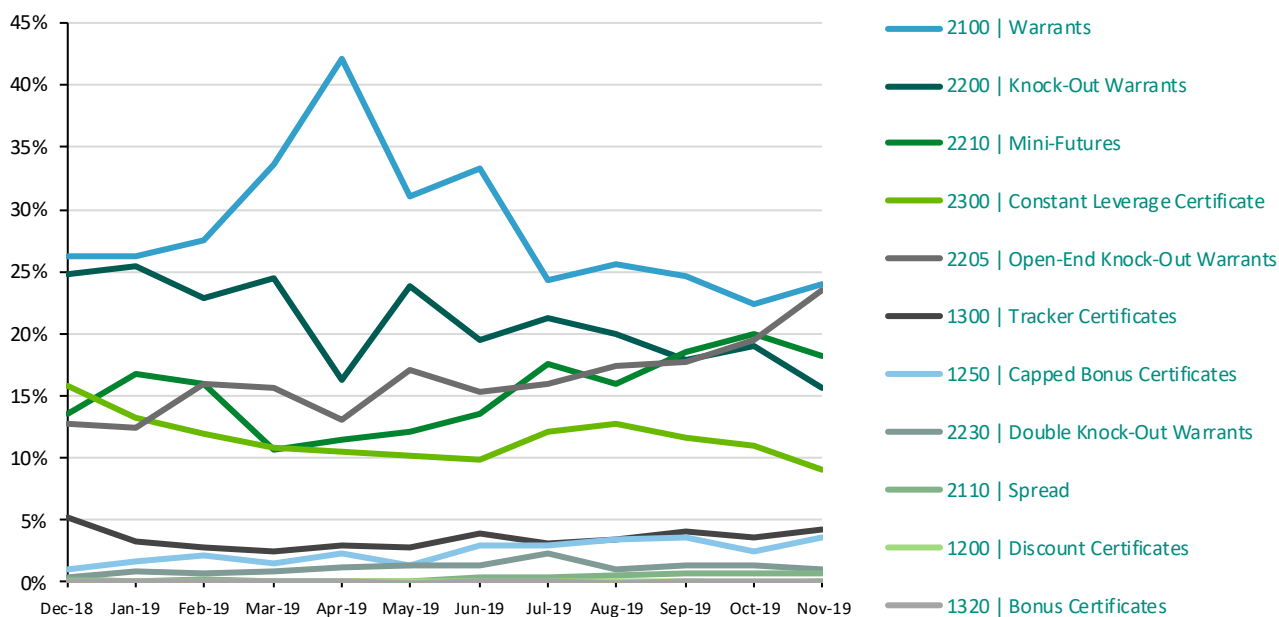
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

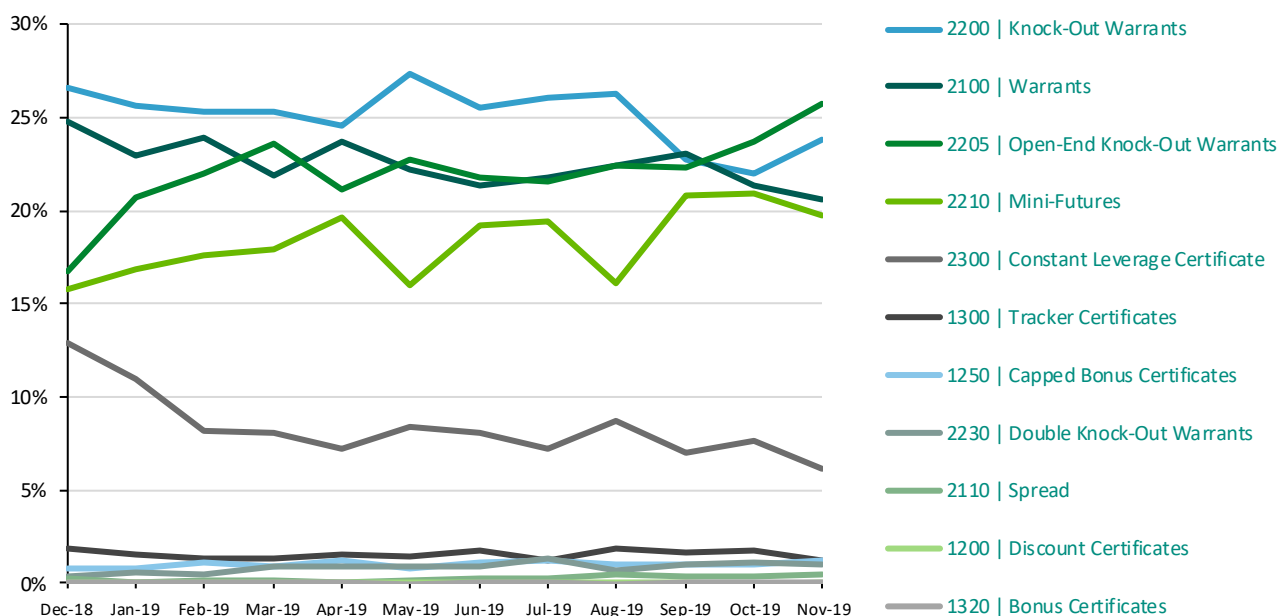
Market Trend: Value traded

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)

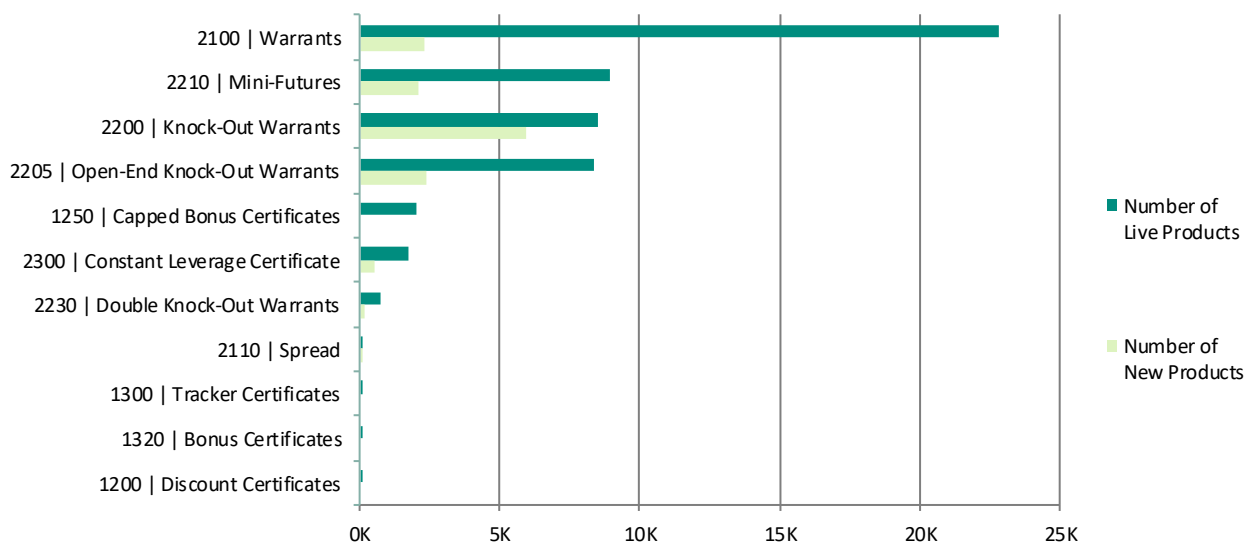
Product Overview

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	22,815	5.5%	0.0%	42.7%	2,297	-4.9%	-40%	17.2%
2210 Mini-Futures	8,957	3.4%	5.8%	16.8%	2,082	-27%	-13.3%	15.6%
2200 Knock-Out Warrants	8,512	38%	13.4%	15.9%	5,919	-1.1%	5.5%	44.3%
2205 Open-End Knock-Out Warrants	8,394	4.4%	6.4%	15.7%	2,361	-19.4%	-6.4%	17.7%
1250 Capped Bonus Certificates	2,006	5.2%	6.5%	3.8%	0	-100%	-100%	0.0%
2300 Constant Leverage Certificate	1,747	29%	76%	3.3%	513	70%	260%	3.8%
2230 Double Knock-Out Warrants	731	-1.3%	22%	1.4%	156	-72%	-33%	1.2%
2110 Spread	127	7.5%	21%	0.2%	39		87%	0.3%
1300 Tracker Certificates	87	0.1%	-5.1%	0.2%	0		-100%	0.0%
1320 Bonus Certificates	39	0.0%	-2.3%	0.1%	0		-100%	0.0%
1200 Discount Certificates	37	0.0%	-36%	0.1%	0		-100%	0.0%
Total	53,452	9.5%	5.9%	100%	13,367	-12.5%	-11.1%	100%

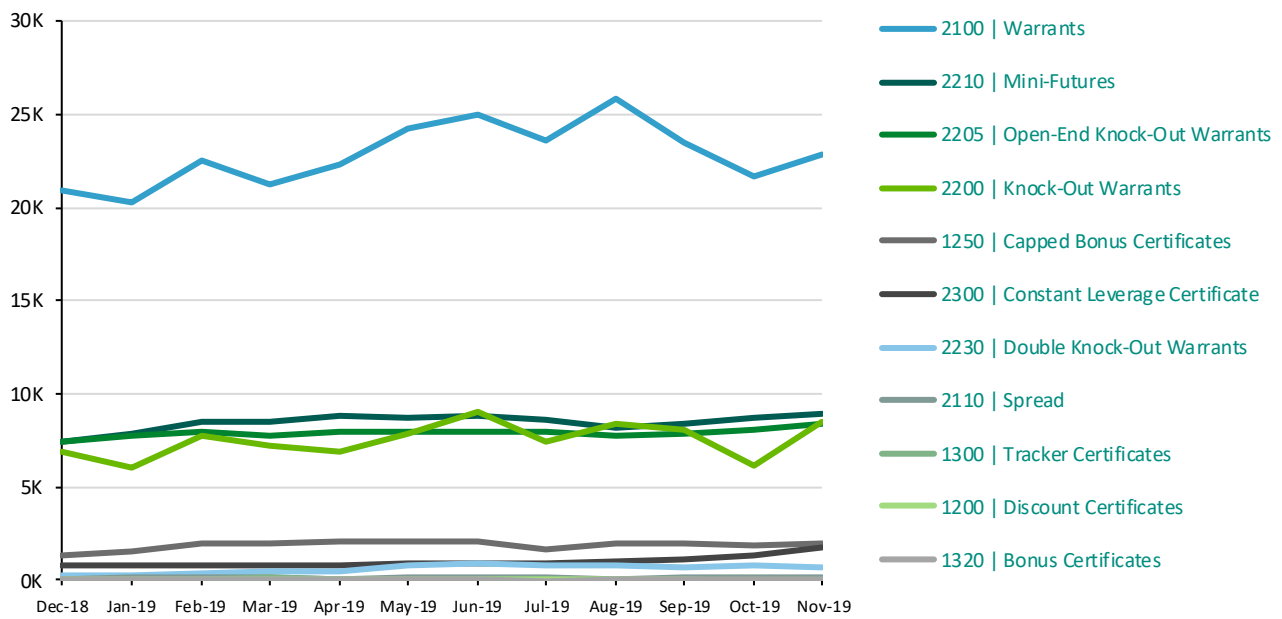
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

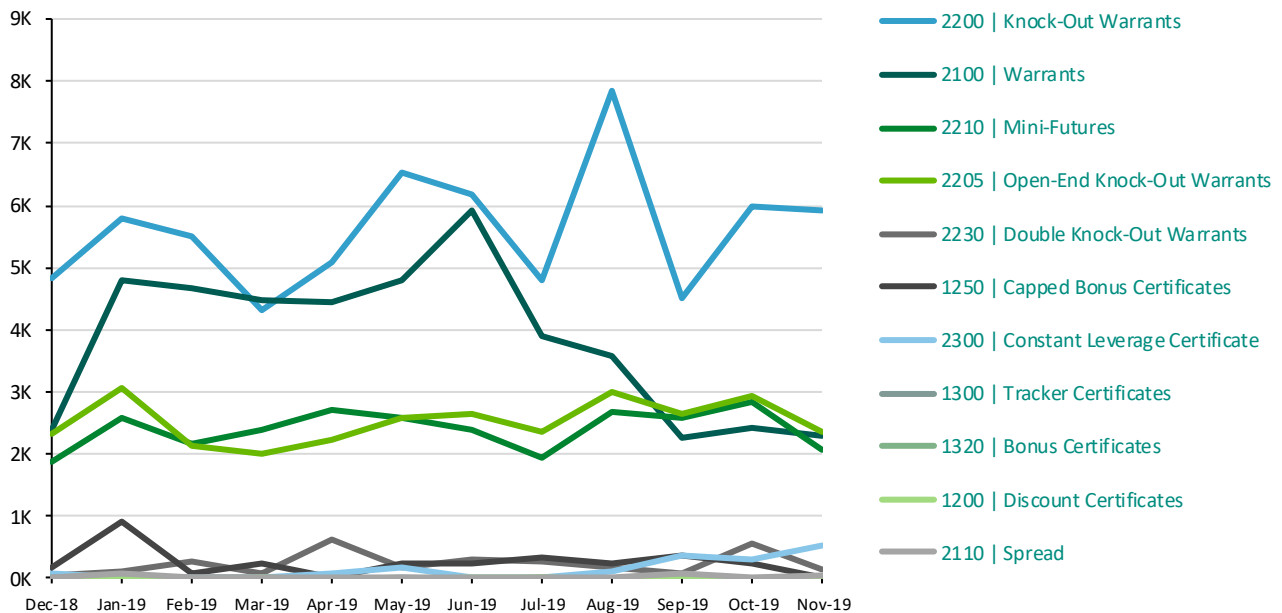
Product Trend: Number of Live Products

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

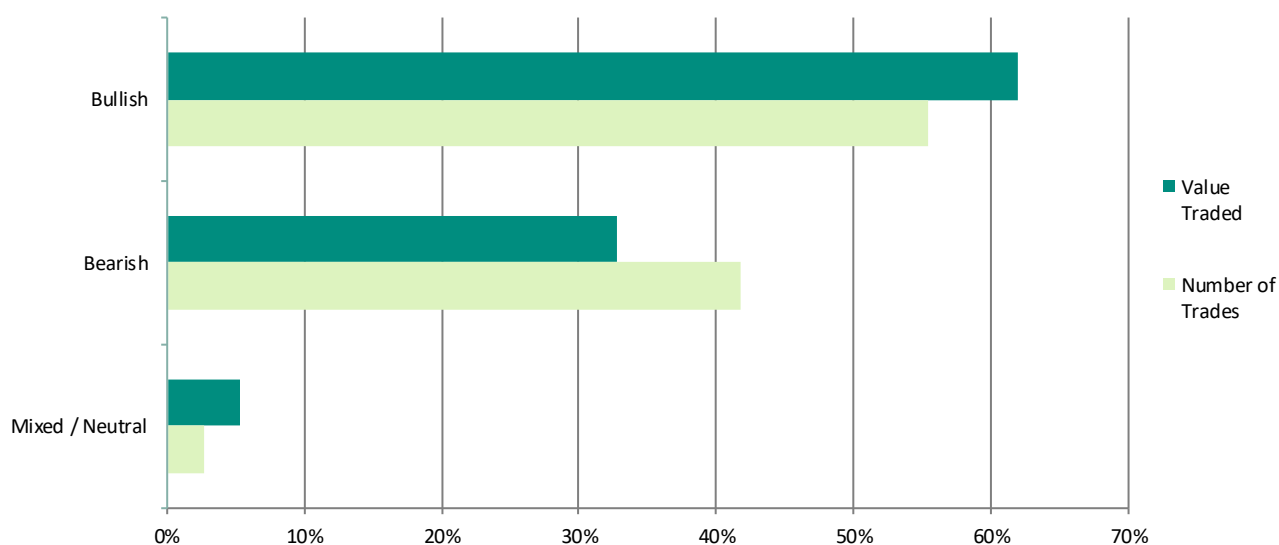
Market Overview

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	7,092	1.1%	-9.4%	62.0%	2,403	-15.4%	-13.5%	55.5%
Bearish	3,743	-19.7%	-11.2%	32.7%	1,810	-15.4%	-3.9%	41.8%
Mixed / Neutral	605	9.4%	26%	5.3%	118	-7.0%	17.8%	2.7%
Total	11,441	-6.4%	-8.6%	100%	4,331	-15.2%	-9.1%	100%

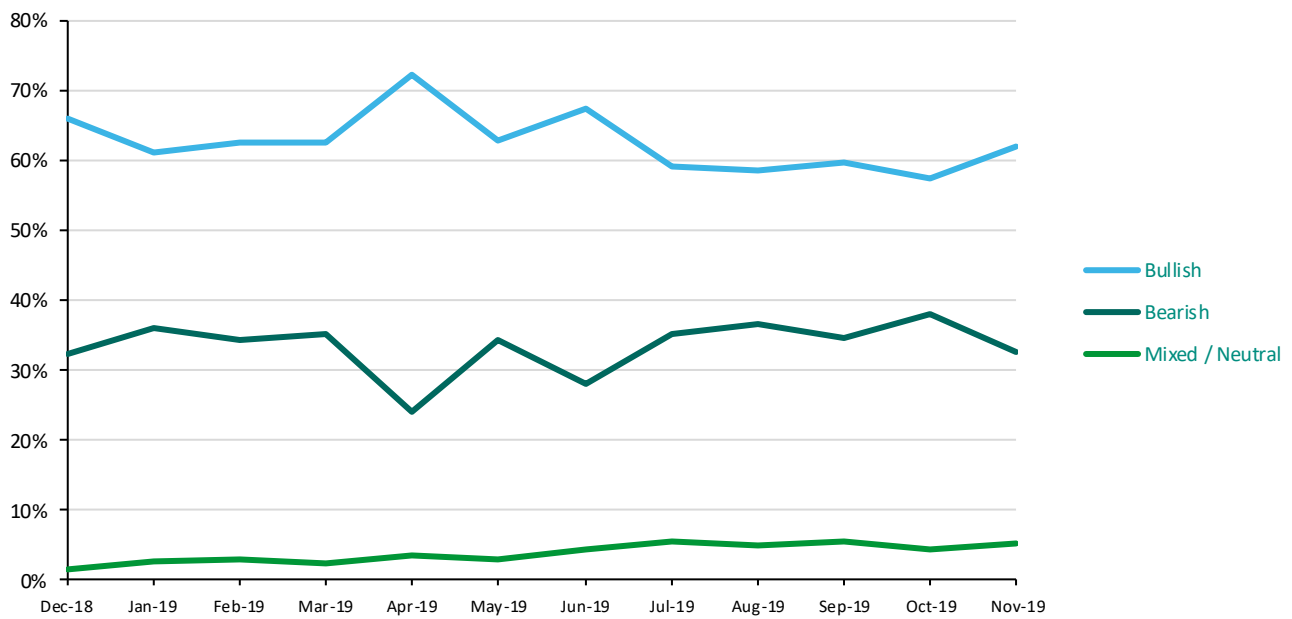
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PRODUCT STRATEGIES

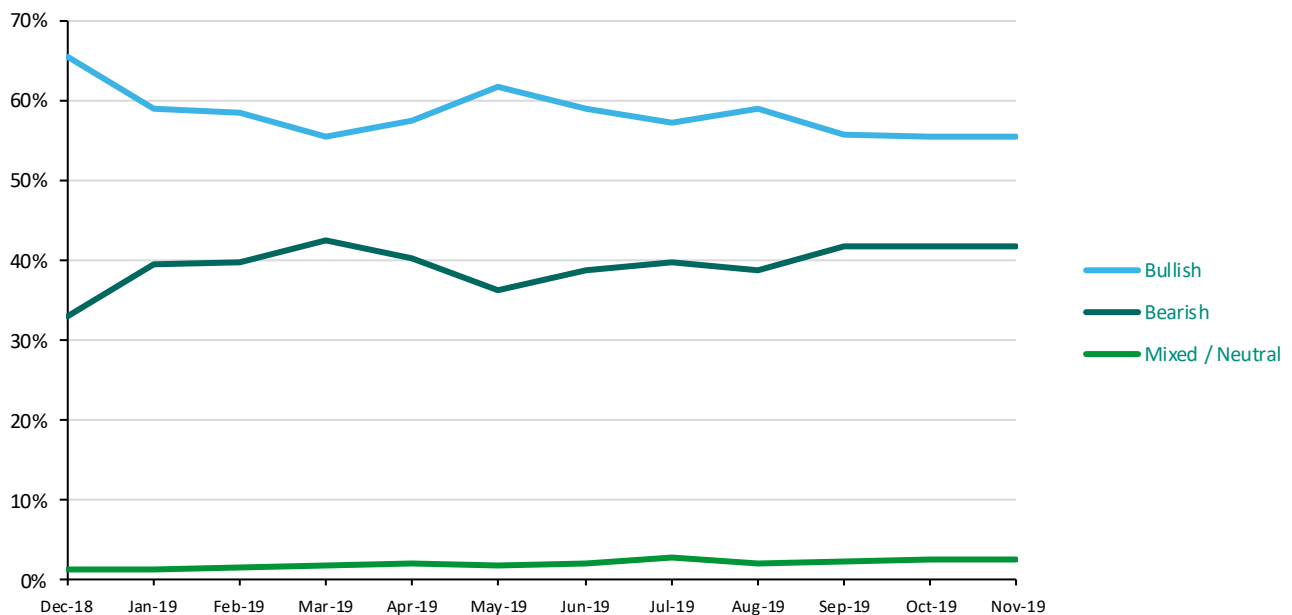
Market Trend: Value traded

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

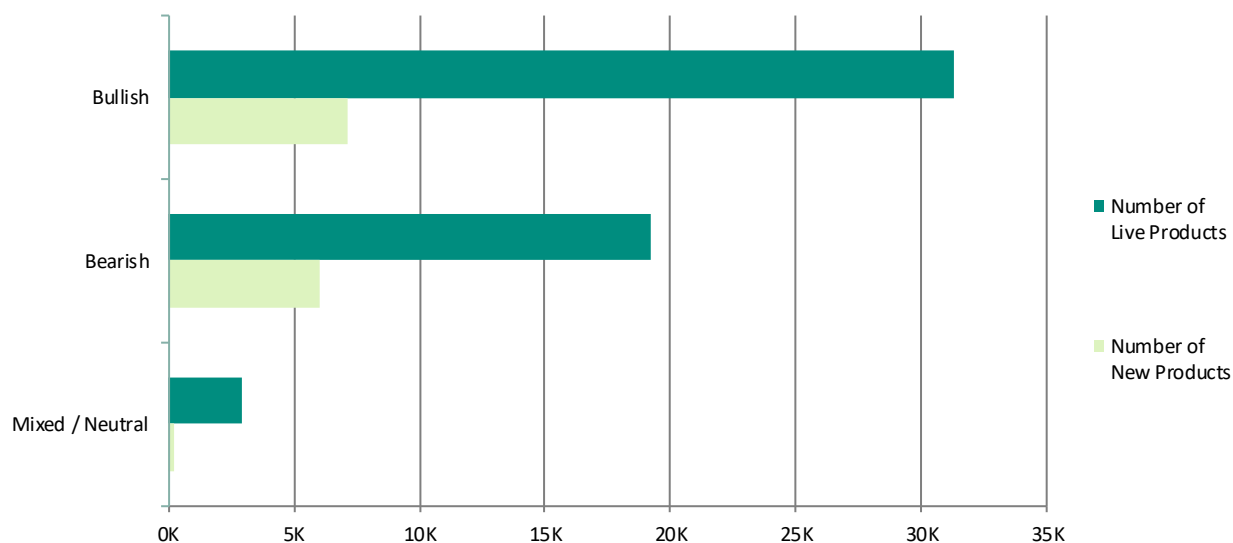
Product Overview

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	31,309	14.5%	11.6%	58.6%	7,115	-6.4%	-9.0%	53.2%
Bearish	19,242	3.1%	-2.7%	36.0%	6,057	-11.9%	-9.4%	45.3%
Mixed / Neutral	2,901	3.5%	9.6%	5.4%	195	-76%	-63%	1.5%
Total	53,452	9.5%	5.9%	100%	13,367	-12.5%	-11.1%	100%

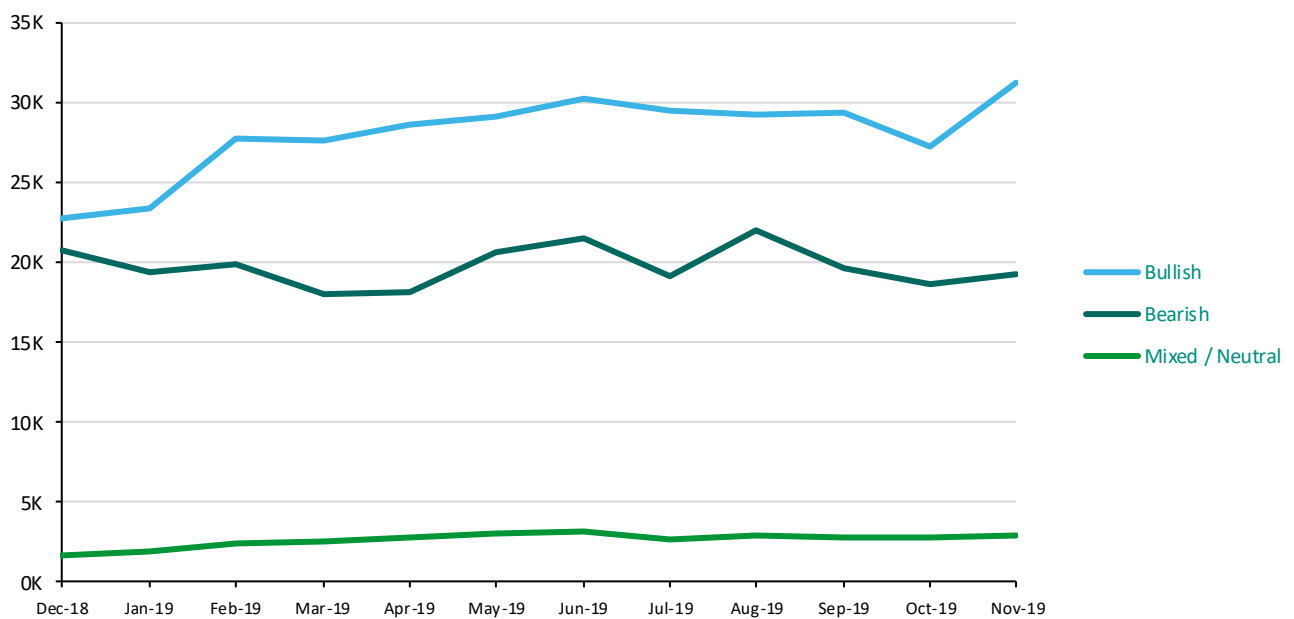
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PRODUCT STRATEGIES

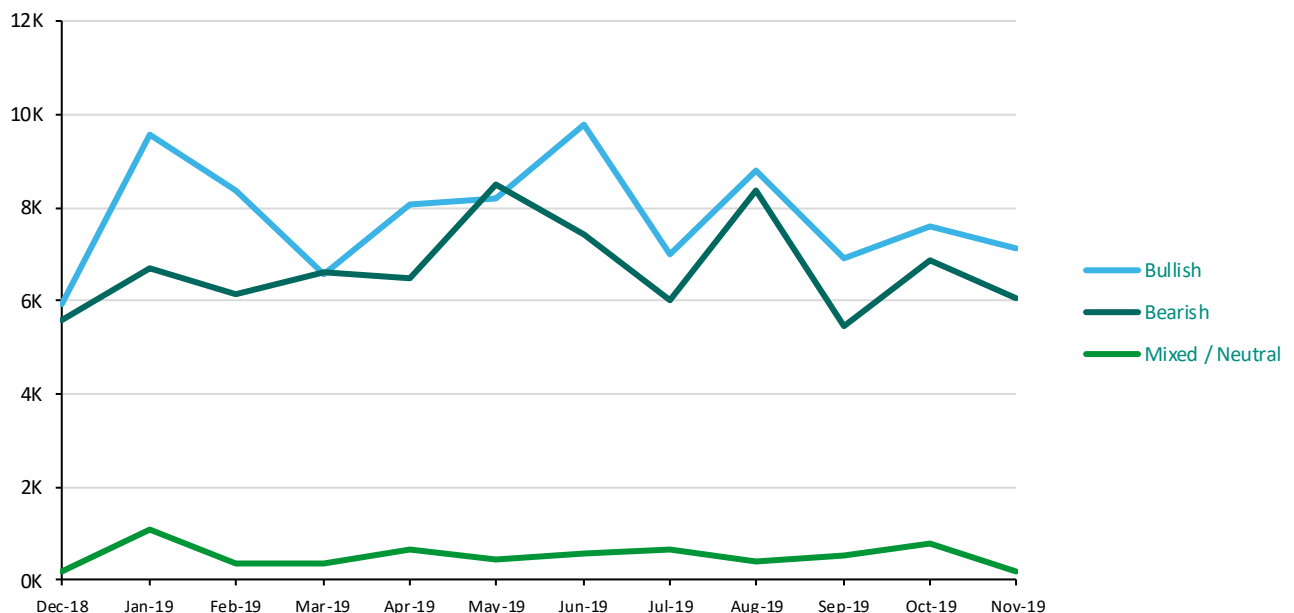
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

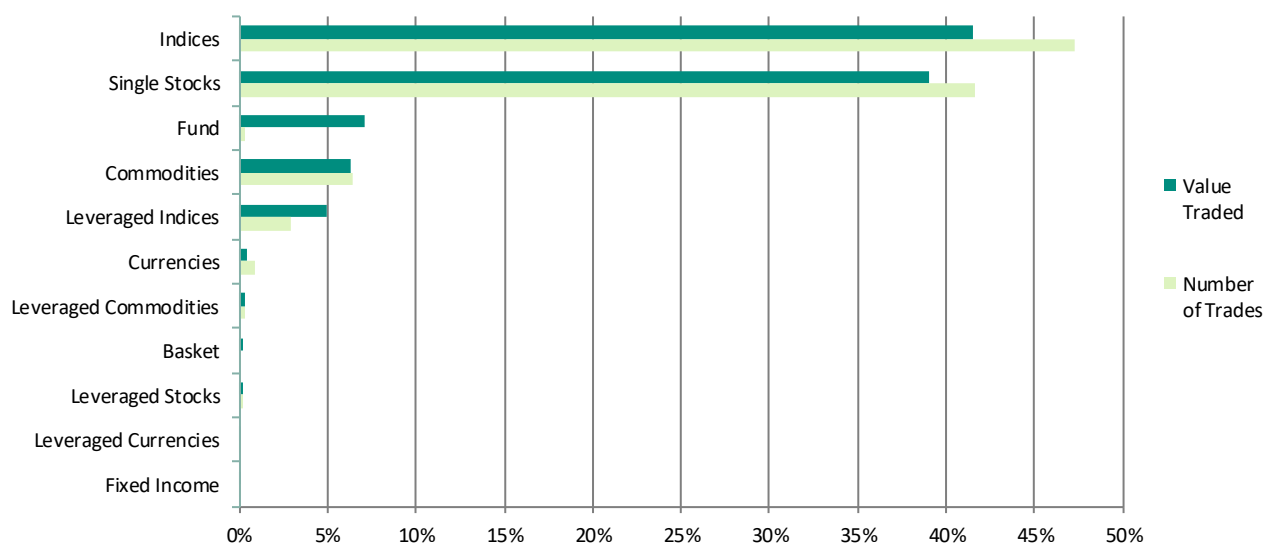
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	4,753	-21%	-16.8%	41.5%	2,047	-17.4%	-12.0%	47.3%
Single Stocks	4,463	8.1%	13.0%	39.0%	1,801	-9.5%	0.0%	41.6%
Fund	805	112%	-26%	7.0%	14	-4.5%	-14.0%	0.3%
Commodities	724	16.7%	0.7%	6.3%	277	-8.4%	-10.8%	6.4%
Leveraged Indices	565	-35%	-36%	4.9%	128	-40.7%	-40.8%	3.0%
Currencies	47	-49%	-48%	0.4%	38	-48.9%	-36.9%	0.9%
Leveraged Commodities	32	25%	29%	0.3%	14	-7.4%	15.4%	0.3%
Basket	26	-39%	69%	0.2%	1.0	-38.2%	-7.3%	0.0%
Leveraged Stocks	21	65%	47%	0.2%	6.7	-40.1%	-28.9%	0.2%
Leveraged Currencies	3	-5.8%	173%	0.0%	0.4	-24.2%	70.1%	0.0%
Fixed Income	3	-42%	-78%	0.0%	4.0	12.2%	-51.0%	0.1%
Total	11,441	-6.4%	-8.6%	100%	4,331	-15.2%	-9.1%	100%

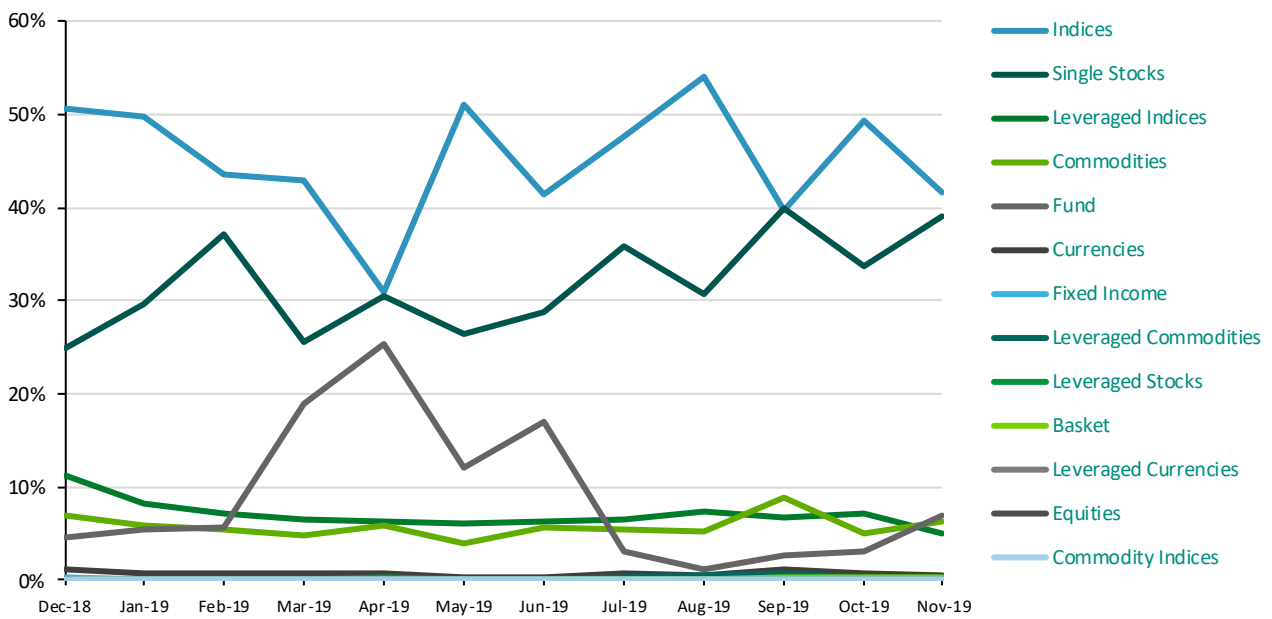
(Source Euronext)



UNDERLYING TYPES

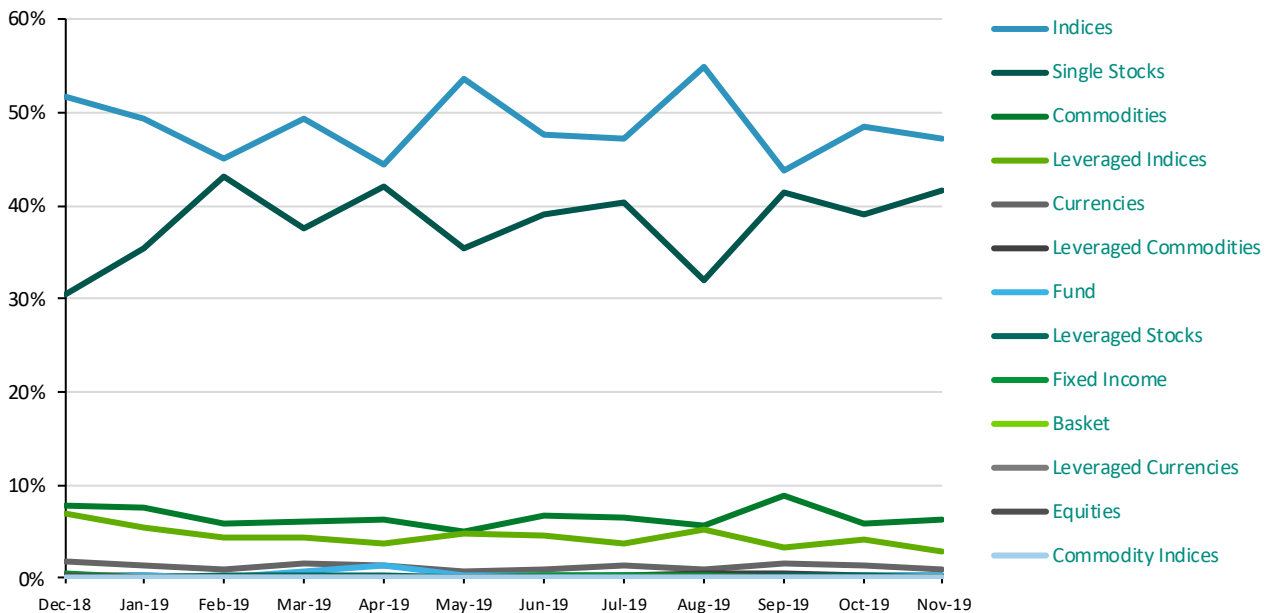
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

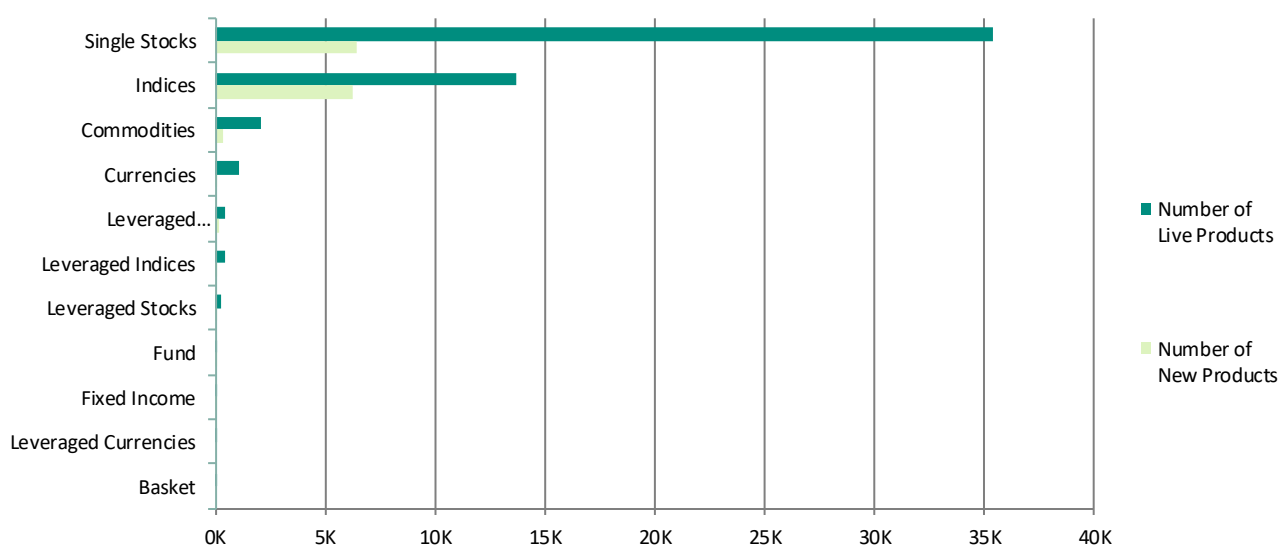
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	35,435	7.4%	3.1%	66.3%	6,396	-17.6%	-24%	47.8%
Indices	13,654	15.5%	10.7%	25.5%	6,210	-6.3%	5.6%	46.5%
Commodities	2,053	0.8%	10.9%	3.8%	361	-25%	-29%	2.7%
Currencies	1,025	5.7%	-12.4%	1.9%	108	5.9%	-40%	0.8%
Leveraged Commodities	456	81%	267%	0.9%	156	-22%	233%	1.2%
Leveraged Indices	427	25%	50%	0.8%	93	6.9%	270%	0.7%
Leveraged Stocks	224	7.6%	36%	0.4%	31	210%	120%	0.2%
Fund	90	-0.5%	5.2%	0.2%	2	100%	20.0%	0.0%
Fixed Income	75	3.7%	10.1%	0.1%	10	233%	71%	0.1%
Leveraged Currencies	8	0.0%	0.0%	0.0%	0			0.0%
Basket	4	0.0%	-9.6%	0.0%	0			0.0%
Total	53,452	9.5%	5.9%	100%	13,367	-12.5%	-11.1%	100%

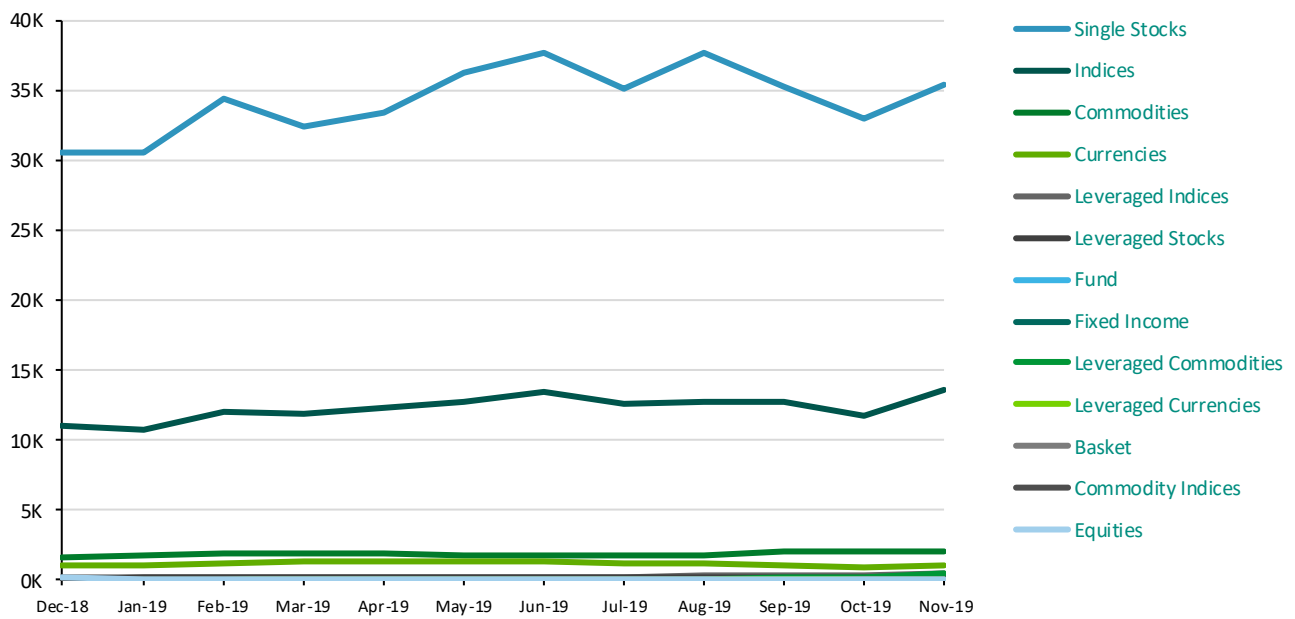
(Source Euronext)



UNDERLYING TYPES

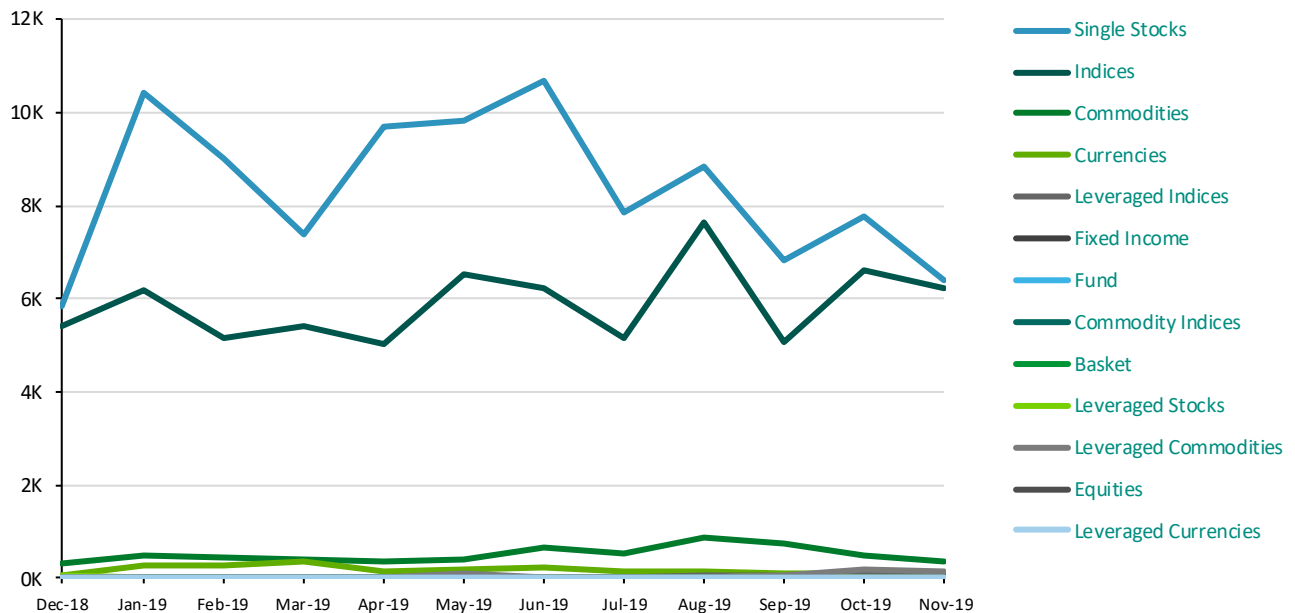
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

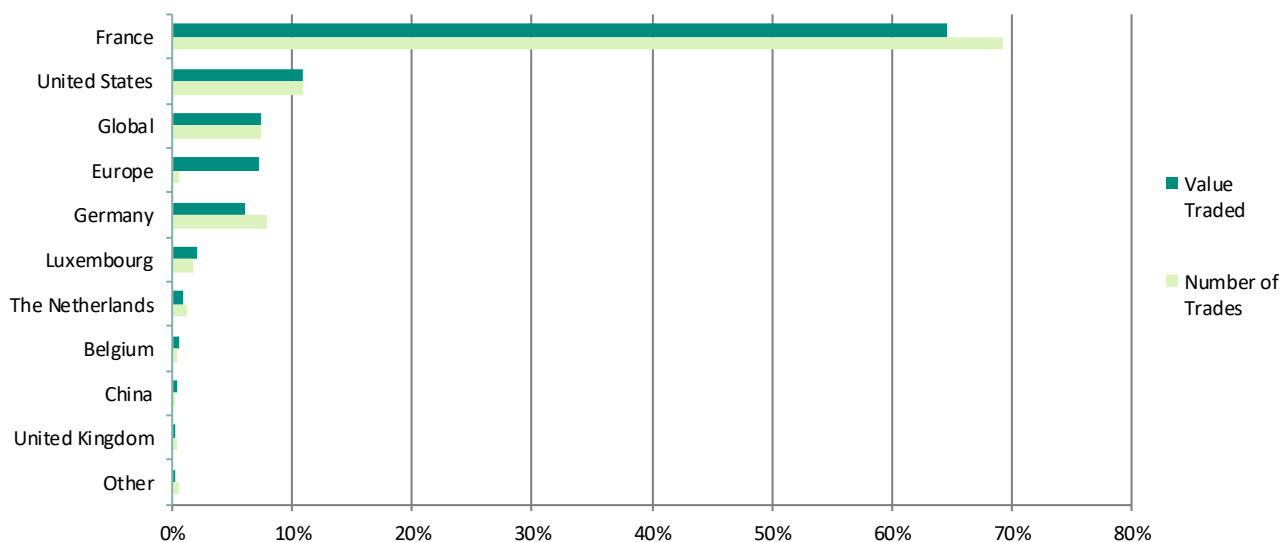
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
France	7,392	-18.0%	-6.1%	64.6%	3,002	-18.6%	-10.1%	69.3%
United States	1,238	9.6%	-20%	10.8%	469	-6.7%	-9.9%	10.8%
Global	831	9.8%	1.9%	7.3%	317	-10.5%	-9.9%	7.3%
Europe	823	90%	-28%	7.2%	22	-30%	-43%	0.5%
Germany	691	14.3%	-18.4%	6.0%	341	-7.2%	-11.5%	7.9%
Luxembourg	229	152%	202%	2.0%	71	27%	68%	1.6%
The Netherlands	92	51%	51%	0.8%	53	22%	130%	1.2%
Belgium	53	-17.5%	-2.7%	0.5%	18	-18.0%	-25%	0.4%
China	35	140%	449%	0.3%	6.0	173%	149%	0.1%
United Kingdom	30	71%	43%	0.3%	13	21%	41%	0.3%
Other	27	-25%	-53%	0.2%	21	-35%	-19.7%	0.5%
Total	11,441	-6.4%	-8.6%	100%	4,331	-15.2%	-9.1%	100%

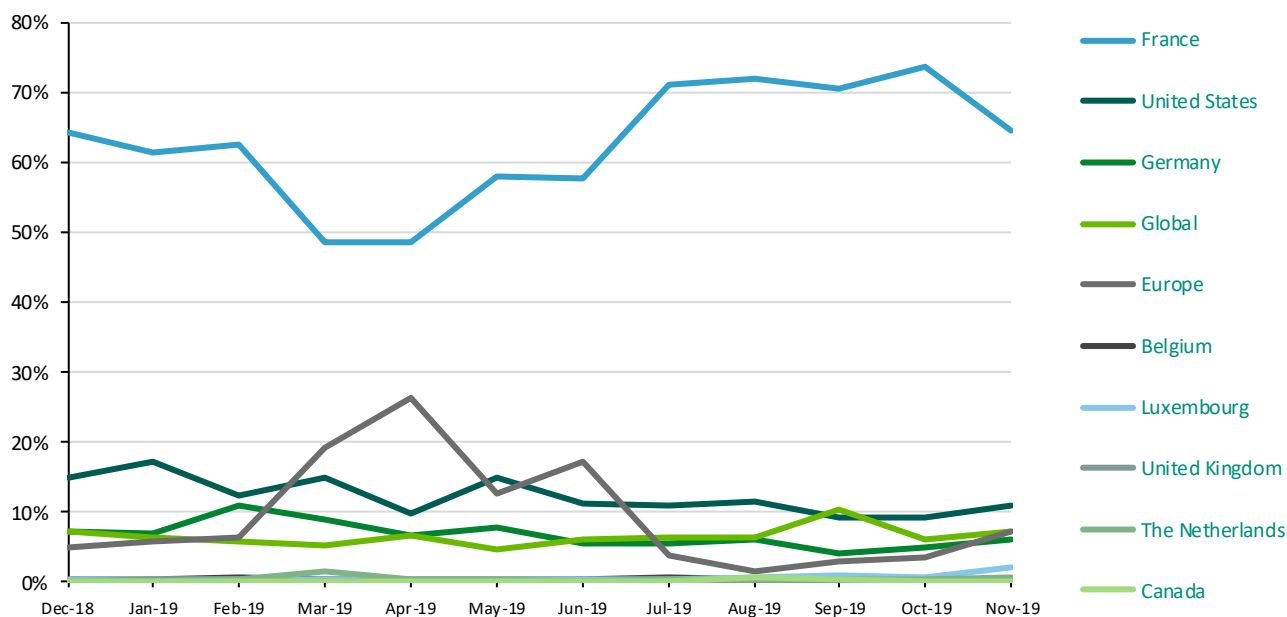
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

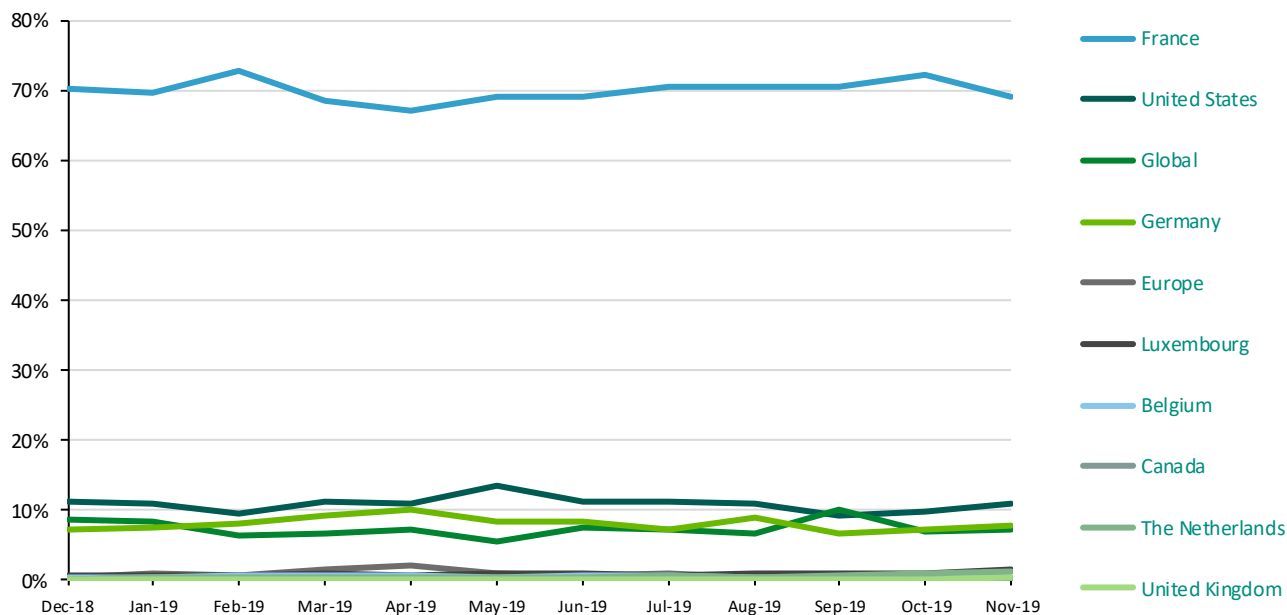
Market Trend: Value traded

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

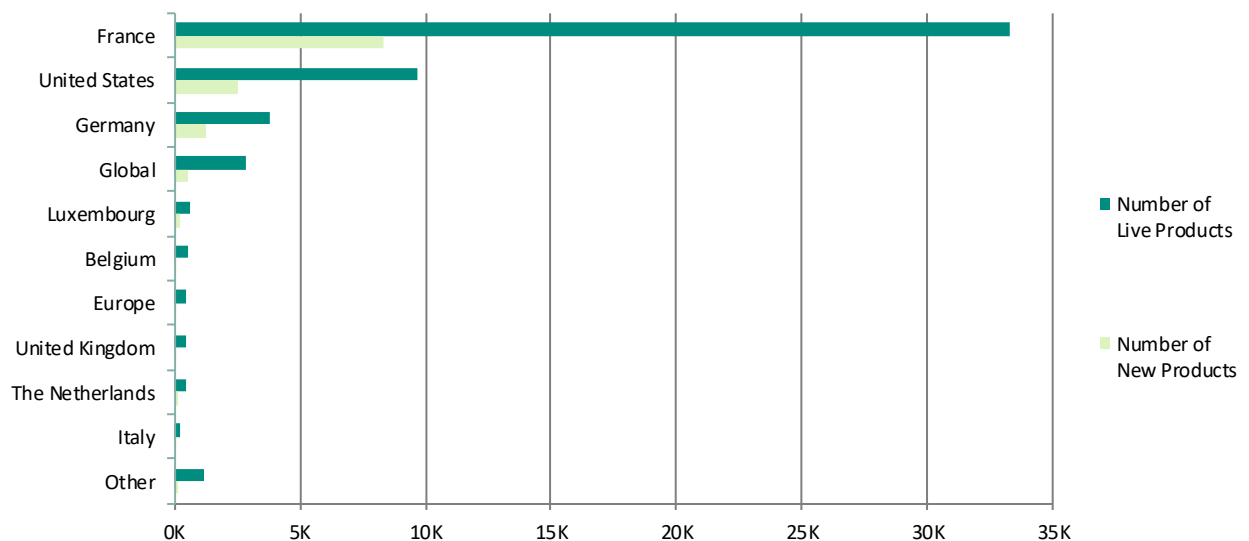
Product Overview

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	33,268	8.6%	2.3%	62.2%	8,339	-19.4%	-14.9%	62.4%
United States	9,675	11.9%	11.3%	18.1%	2,486	12.4%	-6.2%	18.6%
Germany	3,803	18.5%	22%	7.1%	1,286	-1.8%	11.2%	9.6%
Global	2,836	8.7%	25%	5.3%	538	-25%	-10.3%	4.0%
Luxembourg	613	7.4%	-11.5%	1.1%	187	14.0%	-11.5%	1.4%
Belgium	543	0.9%	10.5%	1.0%	93	27%	-15.5%	0.7%
Europe	480	2.5%	-11.4%	0.9%	67	9.8%	-29%	0.5%
United Kingdom	431	1.7%	-8.6%	0.8%	41	105%	-49%	0.3%
The Netherlands	420	11.2%	14.6%	0.8%	142	31%	34%	1.1%
Italy	242	6.0%	-11.3%	0.5%	39	225%	22%	0.3%
Other	1,142	4.1%	11.5%	2.1%	149	-40%	-21%	1.1%
Total	53,452	9.5%	5.9%	100%	13,367	-12.5%	-11.1%	100%

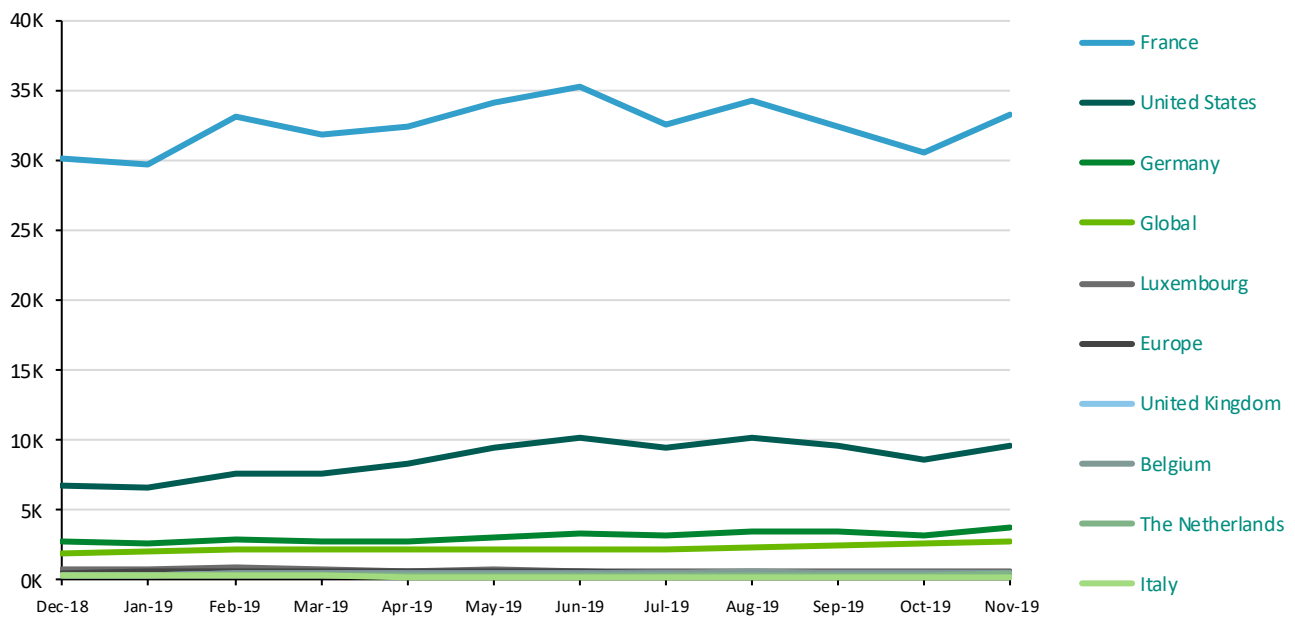
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

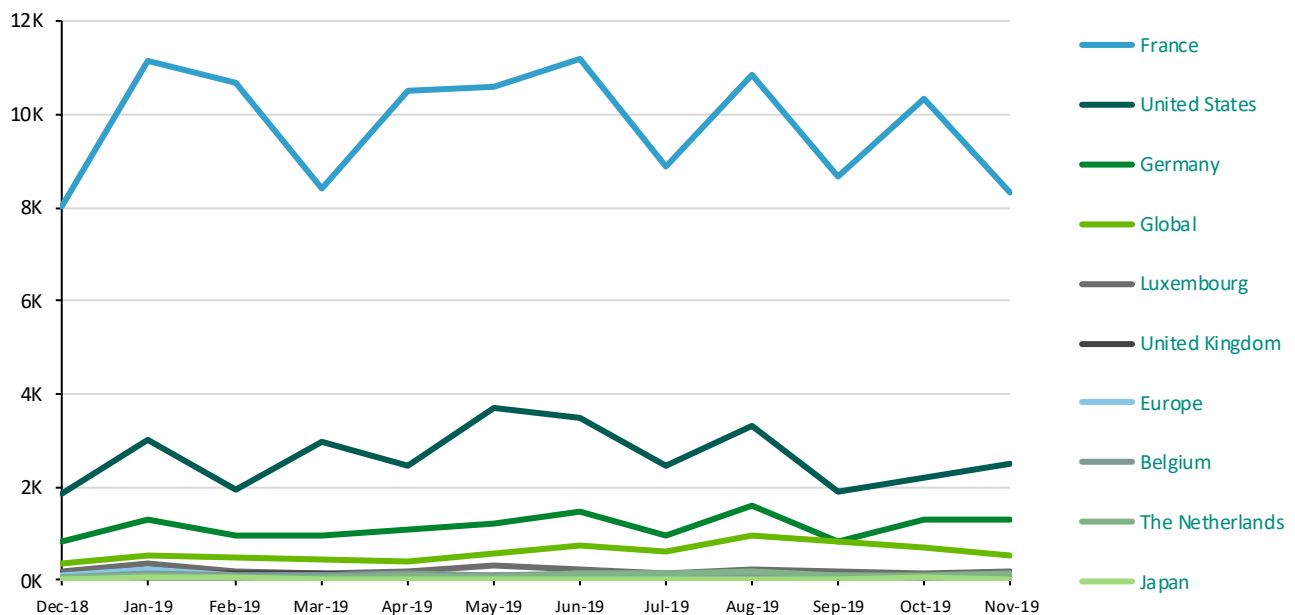
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYINGS

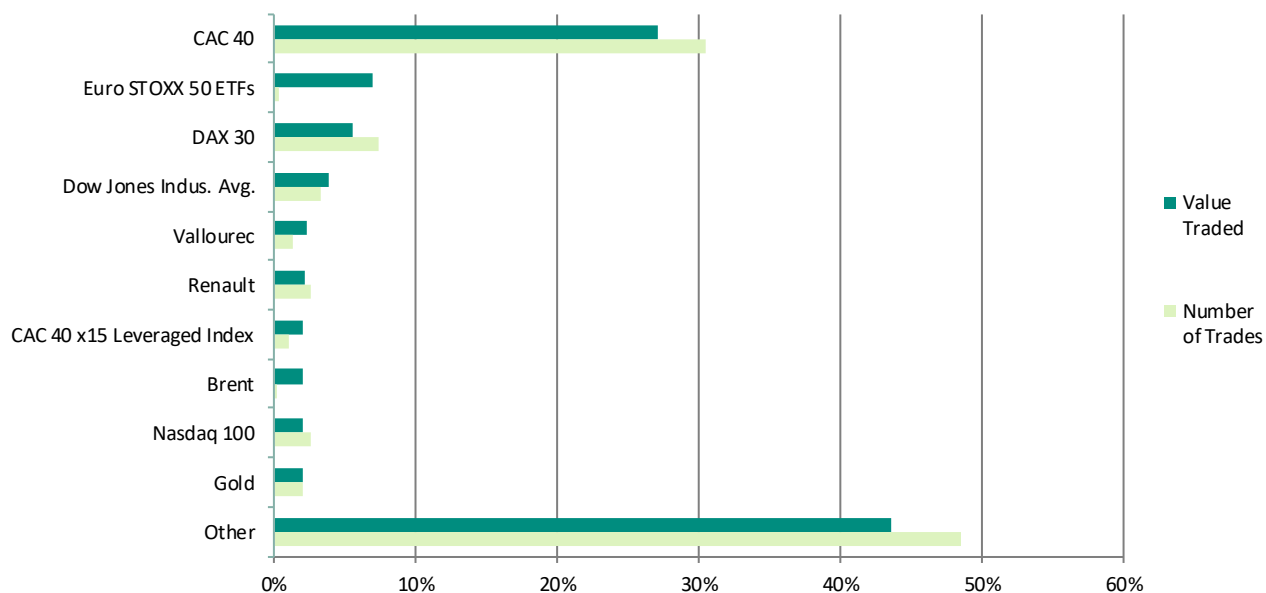
Market Overview

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

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

Underlyings	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
CAC 40	3,104	-31%	-14.4%	27.1%	1,323	-23.3%	-14.7%	30.6%
Euro STOXX 50 ETFs	803	112%	-27%	7.0%	13	-3.7%	-14.7%	0.3%
DAX 30	643	21%	-17.4%	5.6%	319	-4.0%	-9.5%	7.4%
Dow Jones Indus. Avg.	450	-1.4%	-21%	3.9%	144	2.9%	-6.9%	3.3%
Vallourec	258	224%	139%	2.3%	60	59%	13.7%	1.4%
Renault	249	28%	63%	2.2%	111	12.9%	61%	2.6%
CAC 40 x15 Leveraged Index	238	-9.5%	-5.4%	2.1%	47	-33%	-27%	1.1%
Brent	236	286%	99%	2.1%	7.2	-39%	-67%	0.2%
Nasdaq 100	235	6.5%	-38%	2.1%	113	-12.3%	-21%	2.6%
Gold	231	-15.3%	-7.5%	2.0%	90	-13.2%	1.2%	2.1%
Other	4,993	-5.2%	-3.8%	43.6%	2,103	-14.0%	-6.5%	48.6%
Total	11,441	-6.4%	-8.6%	100%	4,331	-15.2%	-9.1%	100%

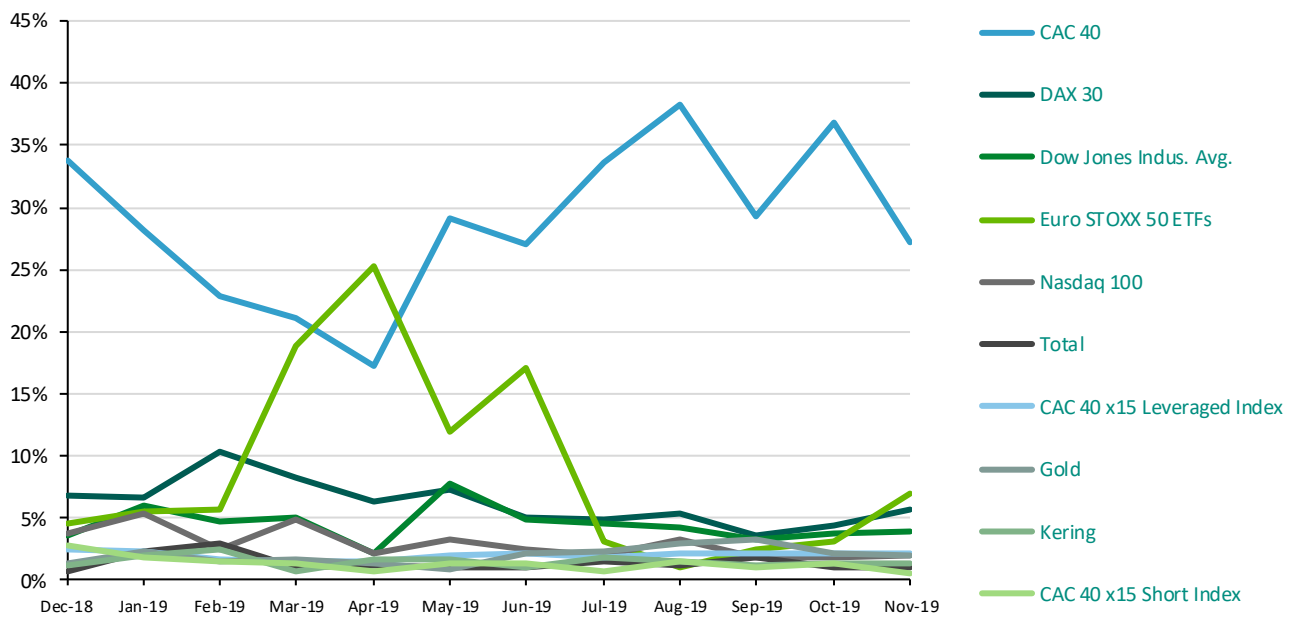
(Source Euronext)



TOP 10 UNDERLYINGS

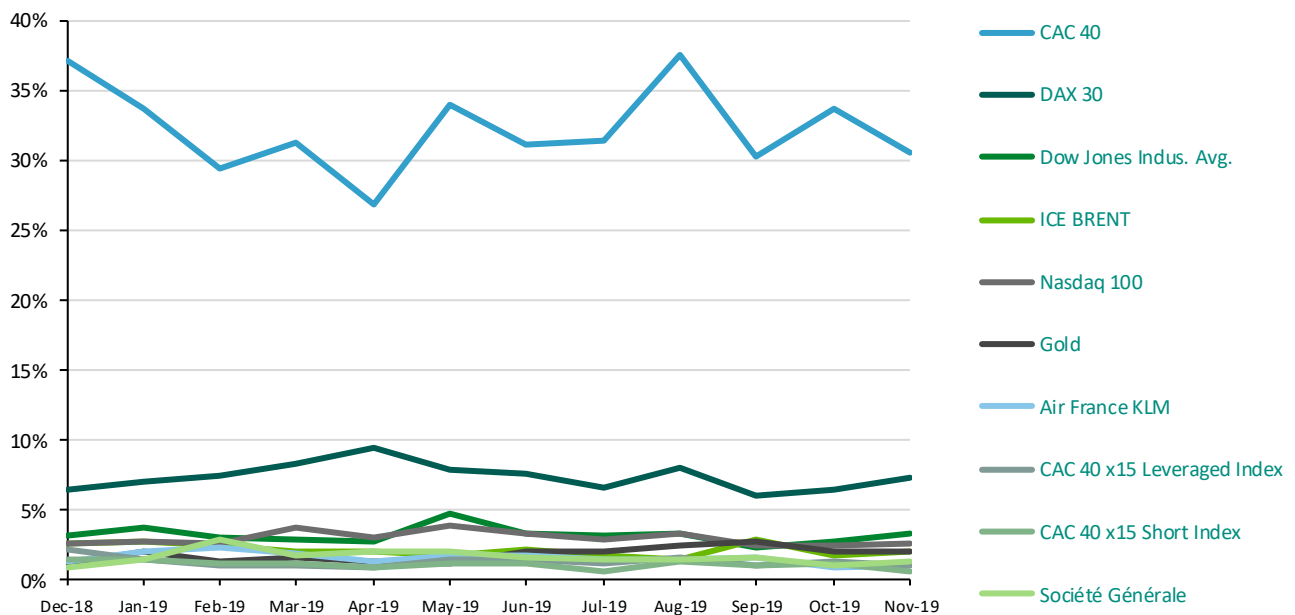
Market Trend: Value traded

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

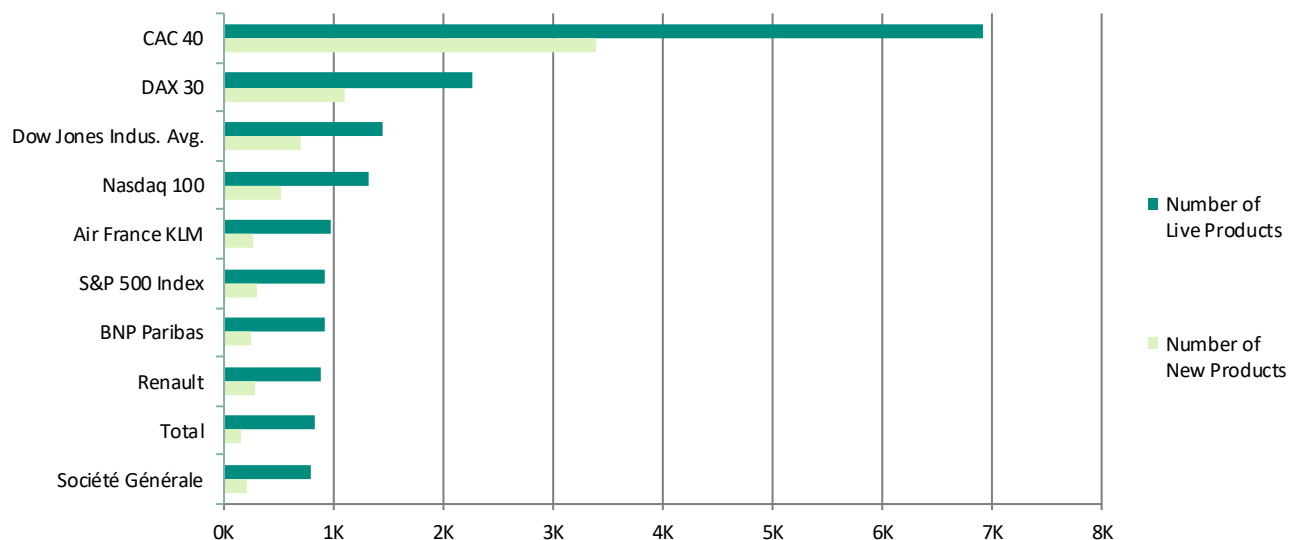
Product Overview

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	6,920	9.6%	5.1%	12.9%	3,398	-20%	-3.7%	25.4%
DAX 30	2,272	29%	28%	4.3%	1,111	10.2%	29%	8.3%
Dow Jones Indus. Avg.	1,440	25%	17.0%	2.7%	696	43%	26%	5.2%
Nasdaq 100	1,325	20%	18.7%	2.5%	521	20%	7.3%	3.9%
Air France KLM	973	5.3%	-3.2%	1.8%	268	-10.7%	-25%	2.0%
S&P 500 Index	927	18.2%	7.5%	1.7%	305	23%	5.4%	2.3%
BNP Paribas	918	12.6%	-1.1%	1.7%	246	-23%	-5.7%	1.8%
Renault	883	10.9%	-0.3%	1.7%	287	-13.6%	6.4%	2.1%
Total	827	8.4%	5.7%	1.5%	155	-40%	-28%	1.2%
Société Générale	798	7.5%	-6.8%	1.5%	217	11.9%	-4.8%	1.6%
Other	36,168	7.5%	5.0%	67.7%	6,163	-16.9%	-23%	46.1%
Total	53,452	9.5%	5.9%	100%	13,367	-12.5%	-11.1%	100%

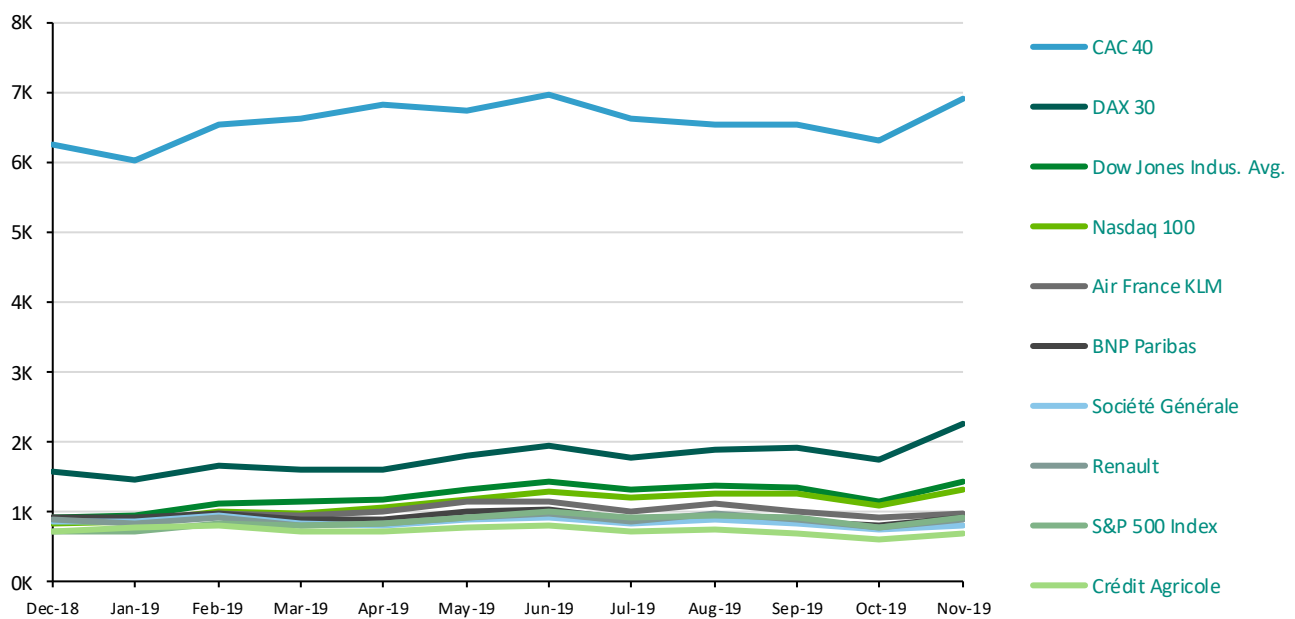
(Source Euronext)



TOP 10 UNDERLYINGS

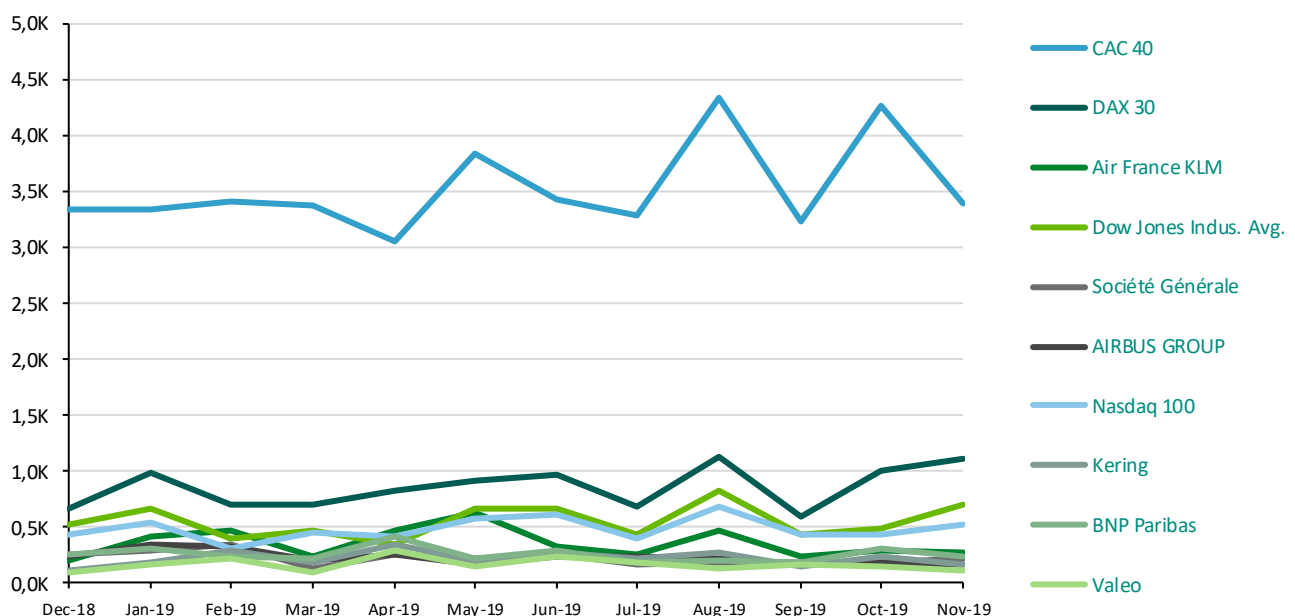
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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	
NL0013678535	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	8,045	17
NL0012969166	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	7,316	50
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	4,832	107
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	2,427	310
DE000CJ83GT5	Commerzbank	2300	Constant Leverage Certificate	Arcelormittal	2,359	46
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leveraged Index	1,991	372
FR0013408291	Commerzbank	1250	Capped Bonus Certificates	Vallourec	1,598	29
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	1,552	300
LU1937802616	Société Générale	2210	Mini-Futures	CAC 40	1,518	741
FRBNPP017N65	BNP Paribas	2210	Mini-Futures	CAC 40	1,435	33
DE000VE1DNC9	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,342	64
DE000VE1UKB1	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	1,341	206
DE000KA6LCE7	Citi	2205	Open-End Knock-Out Warrants	CAC 40	1,326	237
FRBNPP017T69	BNP Paribas	2200	Knock-Out Warrants	DAX 30	1,178	46
DE000CU36L80	Commerzbank	2210	Mini-Futures	Dow Jones Indus. Avg.	1,175	17
DE000CJ5BRD1	Commerzbank	2210	Mini-Futures	Kering	1,103	67
LU1815432056	Société Générale	1300	Tracker Certificates	CAC 40 x10 Short Index	1,088	186
LU2024205671	Société Générale	2210	Mini-Futures	CAC 40	1,060	63
LU2024296027	Société Générale	2210	Mini-Futures	CAC 40	1,050	81
DE000CP7GKS1	Citi	2205	Open-End Knock-Out Warrants	CAC 40	1,027	217
DE000VE2SH51	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	982	96
NL0006454928	BNP Paribas	1300	Tracker Certificates	Gold	969	40
FR0011630474	Société Générale	1300	Tracker Certificates	Investir 10 - Grandes Val	967	81
DE000CU6NY57	Commerzbank	2205	Open-End Knock-Out Warrants	CAC 40	961	204
DE000CU38T80	Commerzbank	2205	Open-End Knock-Out Warrants	CAC 40	940	229
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leveraged Index	877	135
FRBNPP009419	BNP Paribas	2210	Mini-Futures	Axa	828	230
DE000VE3J8L0	Vontobel	2210	Mini-Futures	CAC 40	775	259
DE000CU15504	Commerzbank	2300	Constant Leverage Certificate	CAC 40	748	302
DE000VE3WW55	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	746	279
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	736	339
DE000VE20327	Vontobel	2210	Mini-Futures	DAX 30	703	48
LU2024295995	Société Générale	2210	Mini-Futures	CAC 40	703	79
DE000VE3KH66	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	691	172
DE000VE3KBD3	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	671	164
DE000VE1DQL3	Vontobel	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	668	56
FRBNPP014JV0	BNP Paribas	2210	Mini-Futures	Eramet	651	66
NL0013348725	BNP Paribas	2100	Warrants	CAC 40	642	44
FRBNPP017KP3	BNP Paribas	2200	Knock-Out Warrants	CAC 40	610	51
LU2024180825	Société Générale	2205	Open-End Knock-Out Warrants	Iliad	604	32
DE000UC0QD06	Unicredit	2100	Warrants	Iliad	600	41
DE000VE1UGL8	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	589	129
DE000VE20037	Vontobel	2205	Open-End Knock-Out Warrants	DAX 30	580	208
FR0011214527	Société Générale	2300	Constant Leverage Certificate	CAC 40 x10 Leveraged Index	567	169
NL0006191470	BNP Paribas	1300	Tracker Certificates	Precious Metals Basket	549	22
DE000VE3KHC2	Vontobel	2210	Mini-Futures	DAX 30	547	74
DE000CU12FA3	Commerzbank	2210	Mini-Futures	Peugeot	545	33
FR0013192135	Société Générale	2300	Constant Leverage Certificate	GLESI Index	539	17
FRBNPP014VE1	BNP Paribas	2200	Knock-Out Warrants	Vinci	536	41
LU1910544235	Société Générale	2210	Mini-Futures	CAC 40	533	28

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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

ABOUT THE INDEX

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

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

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

Find out more

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

commodities@euronext.com

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

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