



warrants and certificates

Activity report

Issue 103
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	Euronext Amsterdam	Euronext Brussels	Euronext Lisbon	Euronext Paris	Euronext
Live products (on 29/02/2020)	26,707	845	1,465	52,857	81,874
New Products	11,524	278	489	19,184	31,475
New Products YTD	19,010	455	744	41,152	61,361
Value Traded (in €m)	591.8	29.3	123.6	435.4	1,180.0
Value Traded YTD (in €m)	1,099.7	38.5	287.0	794.4	2,219.7
Value Traded ADV (in €m)	29.6	1.5	6.2	21.8	59.0
Value Traded YTD ADV (in €m)	25.6	0.9	6.7	18.5	51.6
Number of Trades	208,937	5,932	11,608	164,307	390,784
Number of Trades YTD	389,311	10,797	25,238	296,733	722,079
Number of Trades ADV	10,447	297	580	8,215	19,539
Number of Trades YTD ADV	9,054	251	587	6,901	16,793

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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

ABOUT THE INDEX

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

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

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

Find out more

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

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



Euronext Markets

ISSUERS

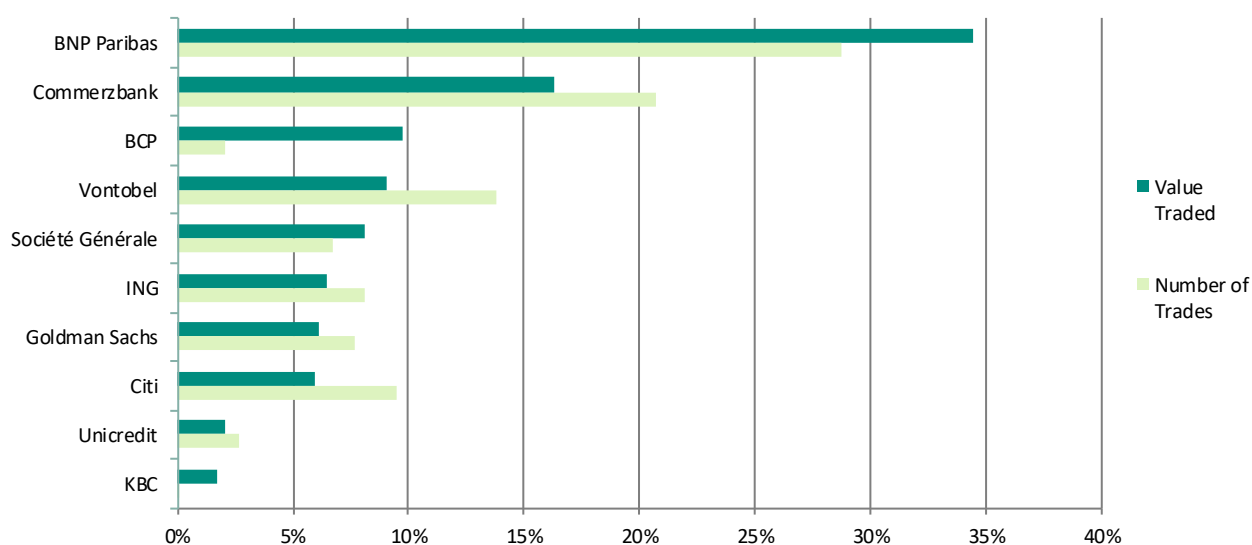
Market Overview

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	20,356	24%	69%	34.5%	5,615	34.3%	60.8%	28.7%
Commerzbank	9,614	28%	61%	16.3%	4,047	25.9%	45.0%	20.7%
BCP	5,734	-19.0%	10.3%	9.7%	402	-16.2%	18.2%	2.1%
Vontobel	5,360	35%	108%	9.1%	2,706	36.4%	94.3%	13.8%
Société Générale	4,778	20%	78%	8.1%	1,307	39.5%	53.0%	6.7%
ING	3,813	60%	31%	6.5%	1,587	35.2%	51.6%	8.1%
Goldman Sachs	3,607	46%	66%	6.1%	1,502	28.1%	78.8%	7.7%
Citi	3,526	33%	66%	6.0%	1,848	20.7%	51.5%	9.5%
Unicredit	1,218	44%	163%	2.1%	520	34.7%	86.9%	2.7%
KBC	994	NA	259%	1.7%	5.9	NA	241.2%	0.0%
Total	59,001	24.8%	62.0%	100%	19,539	29.8%	59.4%	100%

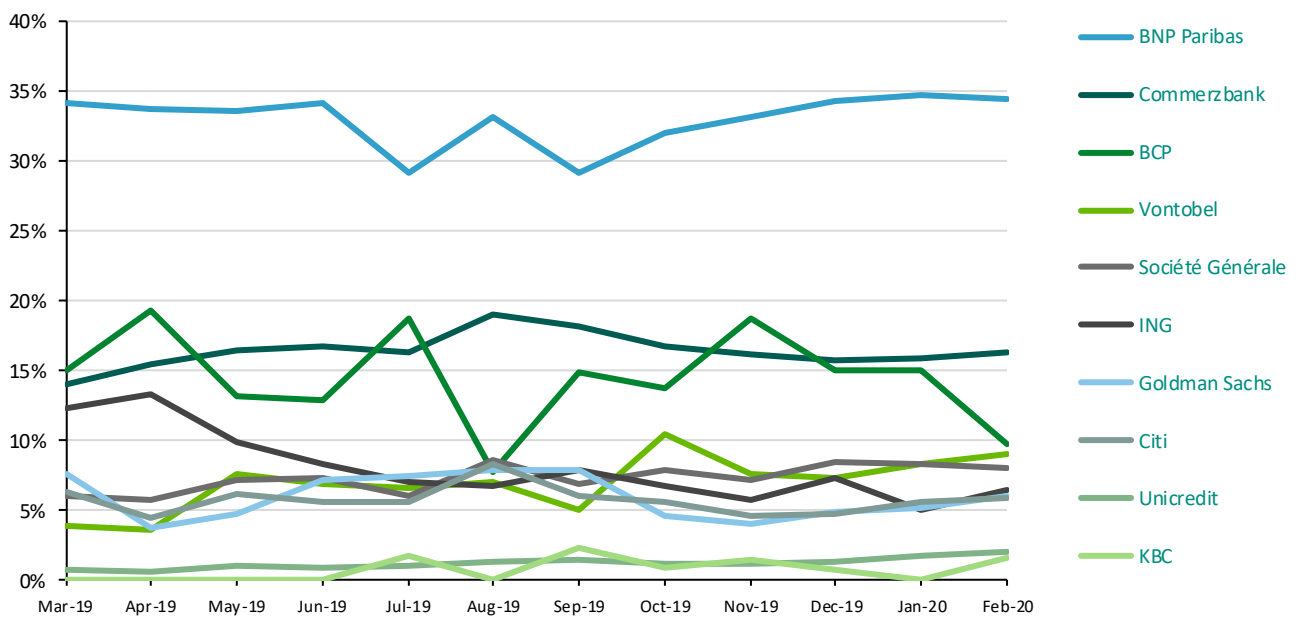
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ISSUERS

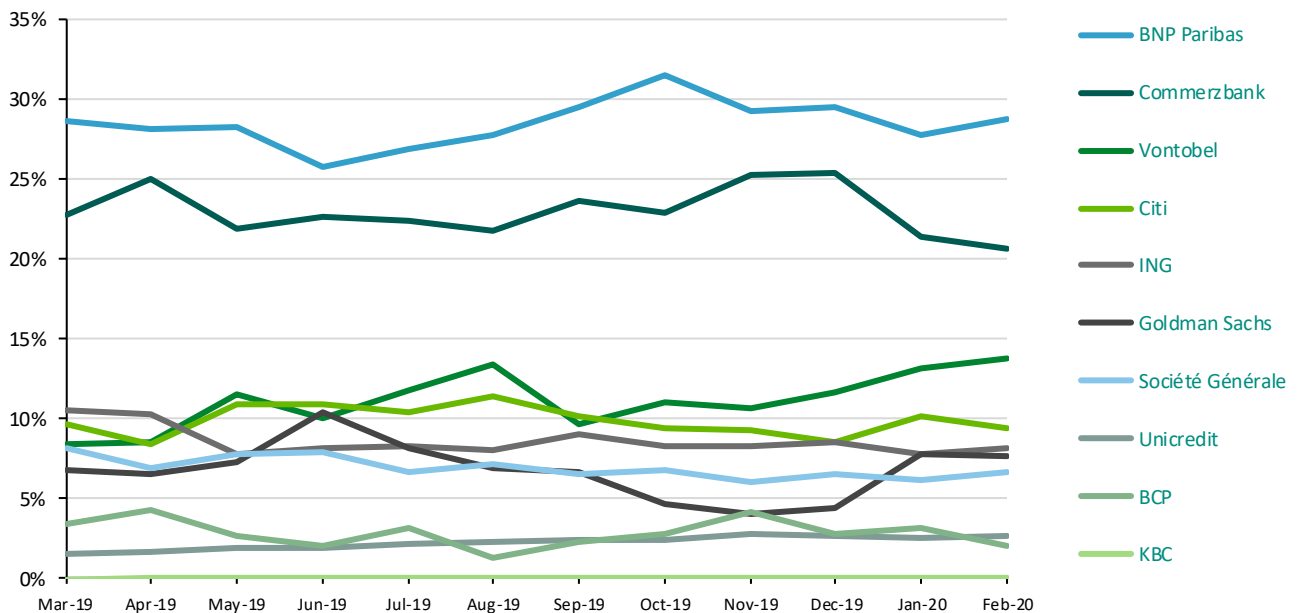
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

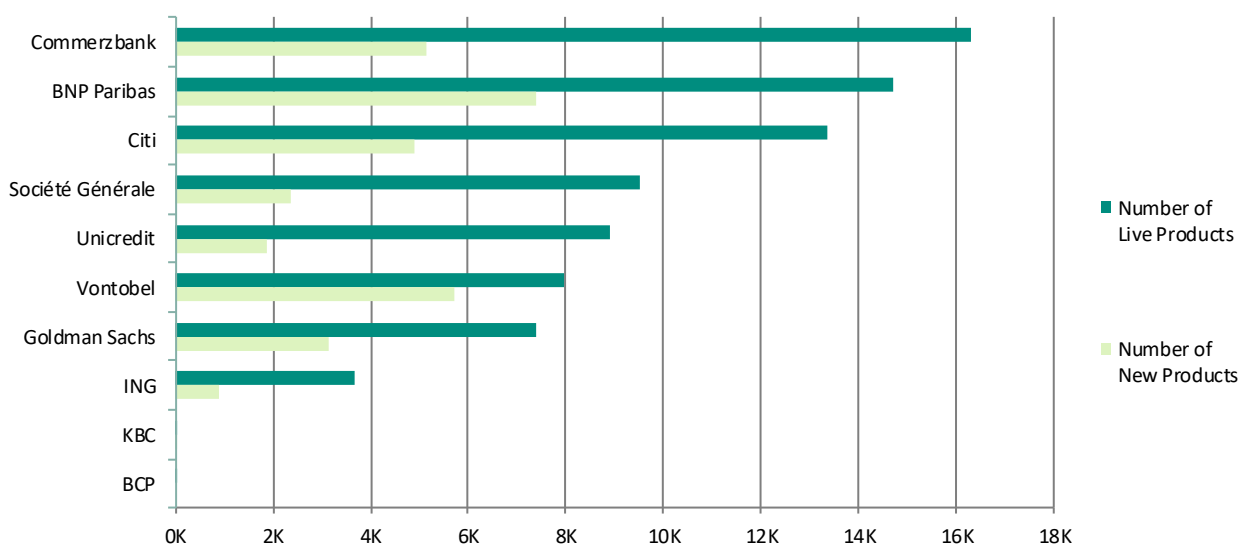
Product Overview

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The chart at the bottom of the page represents the number of live products and number of new products for each 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	16,291	7.5%	5.9%	19.9%	5,153	69%	54%	16.4%
BNP Paribas	14,705	25%	4.3%	18.0%	7,405	2.0%	88%	23.5%
Citi	13,382	9.2%	5.7%	16.3%	4,917	-21%	30%	15.6%
Société Générale	9,514	7.0%	-6.3%	11.6%	2,374	-14.4%	-27%	7.5%
Unicredit	8,922	3.1%	0.3%	10.9%	1,857	-33%	-18.4%	5.9%
Vontobel	7,949	6.4%	26%	9.7%	5,731	16.4%	59%	18.2%
Goldman Sachs	7,404	7.0%	12.6%	9.0%	3,127	37%	26%	9.9%
ING	3,665	0.3%	4.6%	4.5%	904	54%	64%	2.9%
KBC	25	-11.9%	-6.0%	0.0%	7	600%	190%	0.0%
BCP	18	-15.2%	-17.3%	0.0%	0			0.0%
Total	81,874	9.4%	5.5%	100%	31,475	5.3%	35.6%	100%

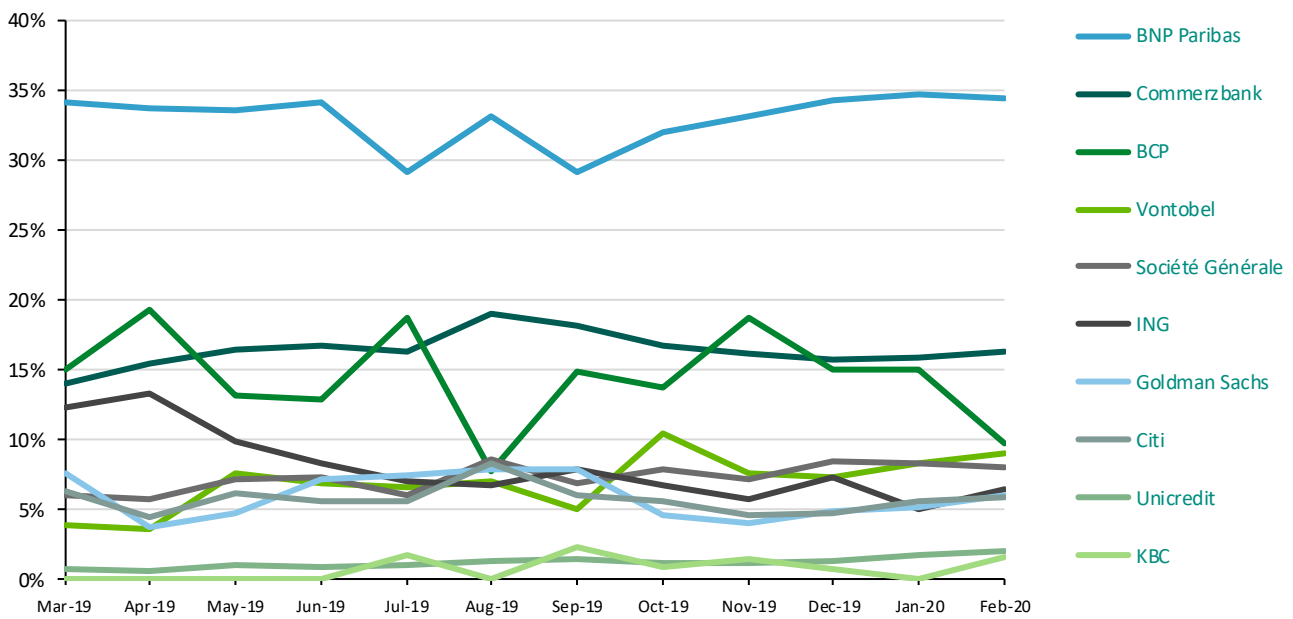
(Source Euronext)



ISSUERS

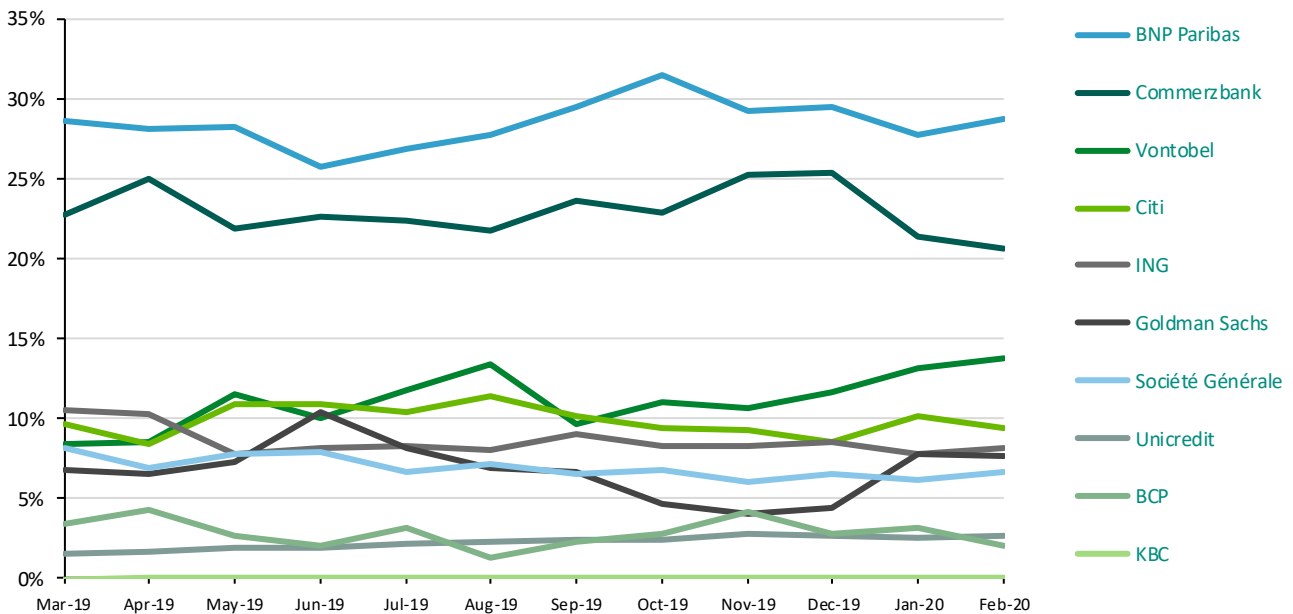
Product Trend: Number of Live Products

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

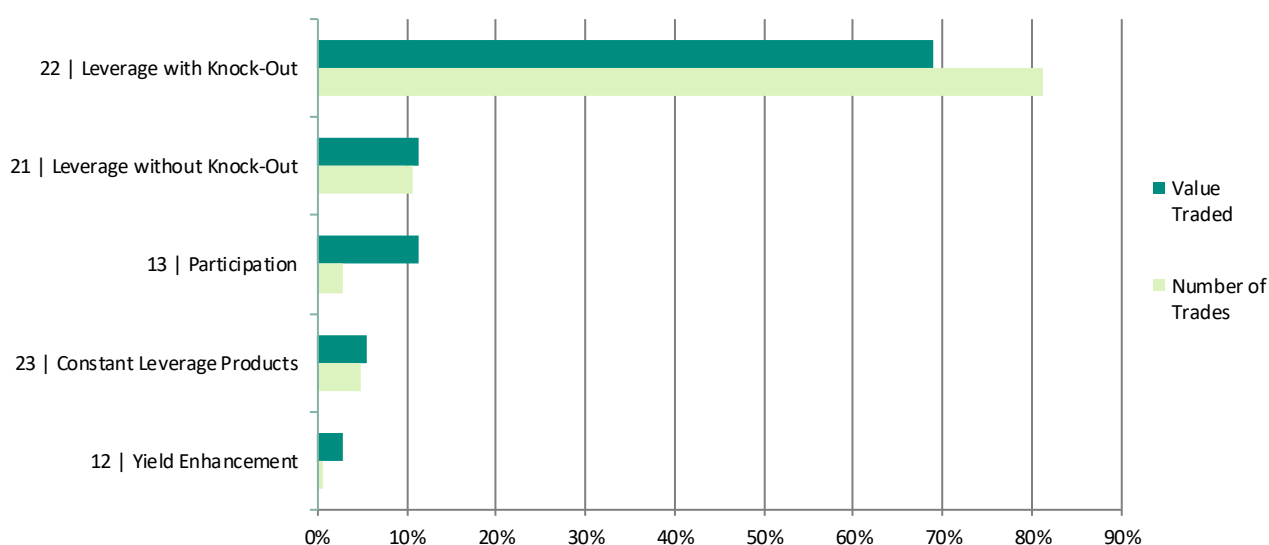
Market Overview

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	40,675	27%	73%	68.9%	15,859	26.6%	56.9%	81.2%
21 Leverage without Knock-Out	6,658	34%	37%	11.3%	2,072	52.2%	68.2%	10.6%
13 Participation	6,656	-13.1%	17.5%	11.3%	546	-4.6%	30.7%	2.8%
23 Constant Leverage Products	3,286	52%	113%	5.6%	962	79.5%	122.9%	4.9%
12 Yield Enhancement	1,727	235%	118%	2.9%	100	54.3%	49.1%	0.5%
Total	59,001	24.8%	62.0%	100%	19,539	29.8%	59.4%	100%

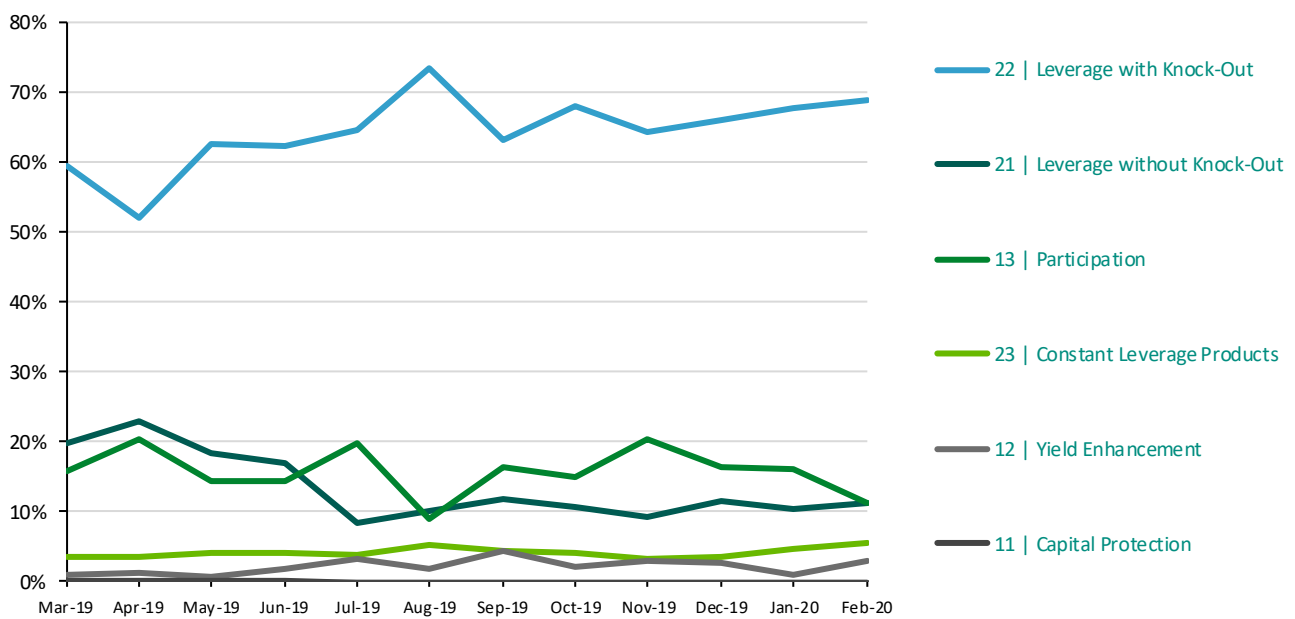
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

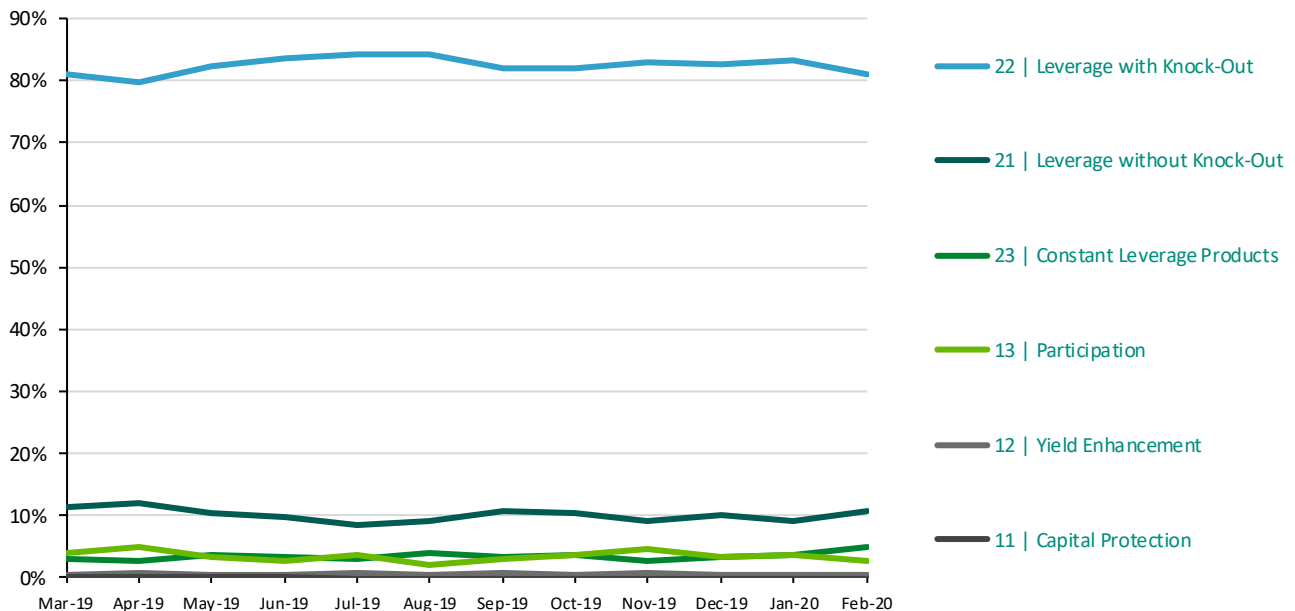
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

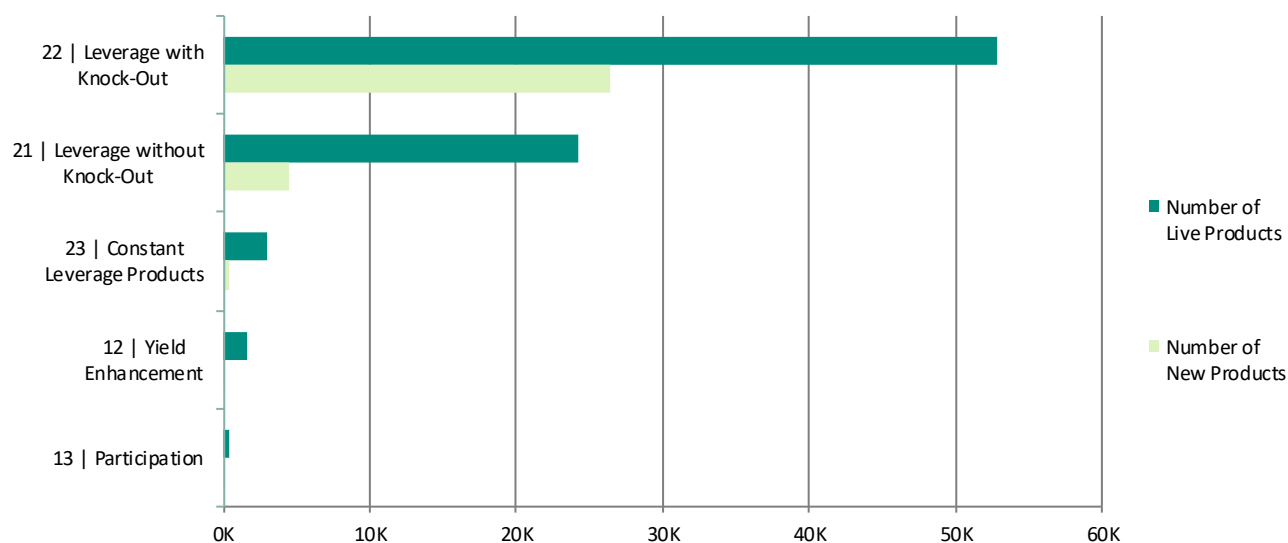
Product Overview

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	52,832	5.8%	7.2%	64.5%	26,458	22%	42%	84.1%
21 Leverage without Knock-Out	24,162	17.8%	0.4%	29.5%	4,434	-40%	7.6%	14.1%
23 Constant Leverage Products	2,928	8.0%	59%	3.6%	432	0.5%	73%	1.4%
12 Yield Enhancement	1,641	14.6%	-23%	2.0%	133	-67%	-45%	0.4%
13 Participation	312	5.9%	9.5%	0.4%	18	-63%	23%	0.1%
Total	81,874	9.4%	5.5%	100%	31,475	5.3%	35.6%	100%

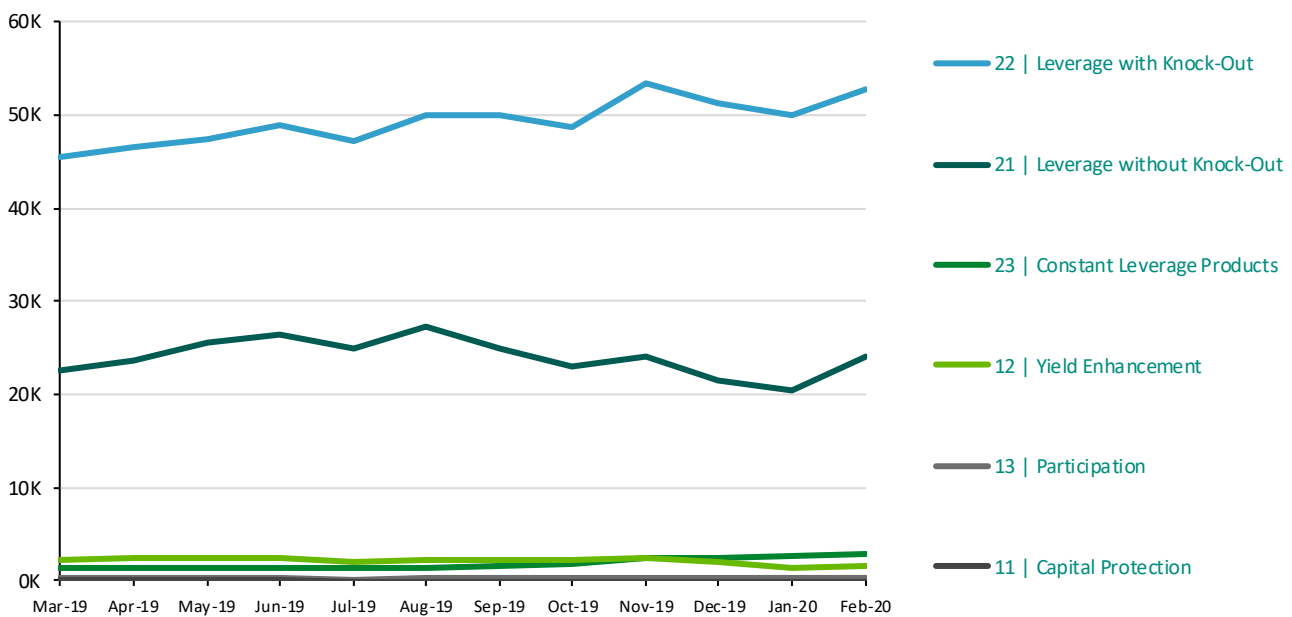
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

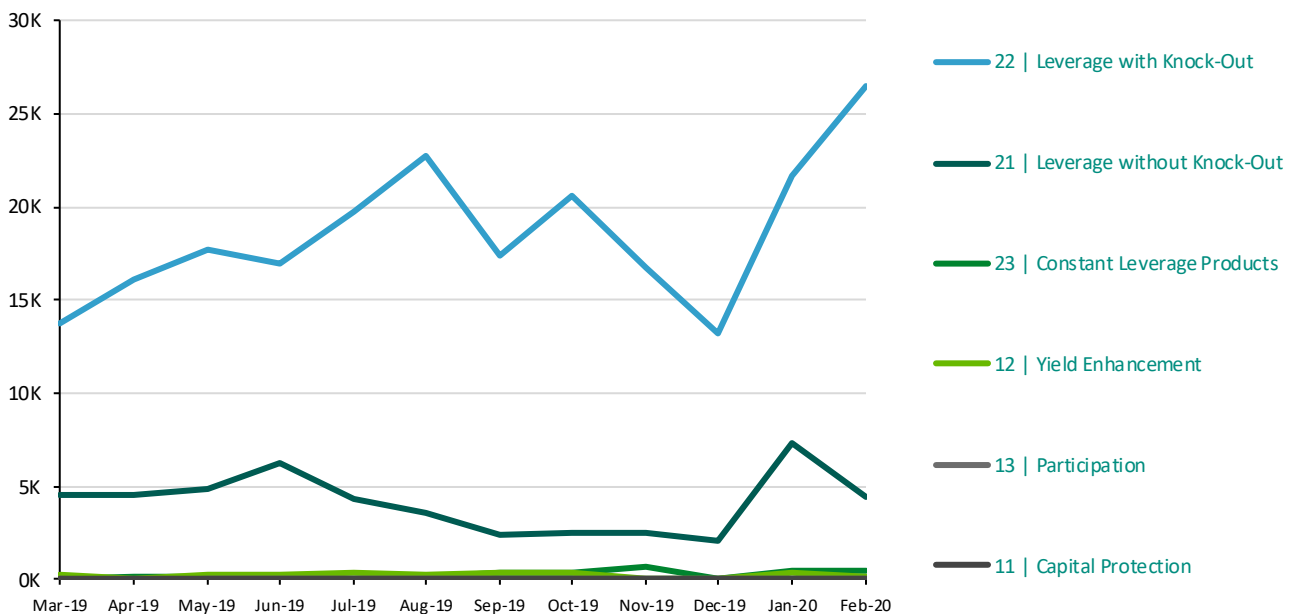
Product Trend: Number of Live Products

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

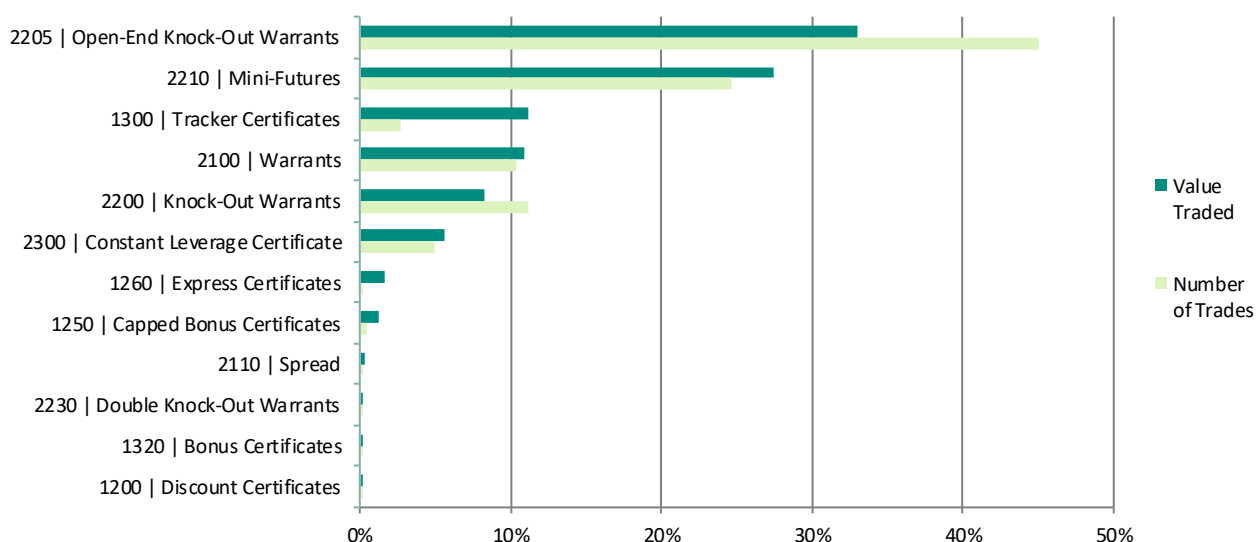
Market Overview

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	19,466	28%	65%	33.0%	8,819	23.1%	52.9%	45.1%
2210 Mini-Futures	16,214	29%	90%	27.5%	4,820	43%	77%	24.7%
1300 Tracker Certificates	6,605	-13.6%	16.9%	11.2%	541	-5.0%	30%	2.8%
2100 Warrants	6,445	34%	35%	10.9%	2,040	52%	68%	10.4%
2200 Knock-Out Warrants	4,892	23%	58%	8.3%	2,184	12.8%	39%	11.2%
2300 Constant Leverage Certificate	3,286	52%	113%	5.6%	962	79%	123%	4.9%
1260 Express Certificates	994		262%	1.7%	5.9		272%	0.0%
1250 Capped Bonus Certificates	732	42%	42%	1.2%	94	46%	44%	0.5%
2110 Spread	213	64%	221%	0.4%	32	58%	107%	0.2%
2230 Double Knock-Out Warrants	102	-21%	-27%	0.2%	36	-15.5%	-13.5%	0.2%
1320 Bonus Certificates	51	279%	389%	0.1%	5.0	105%	148%	0.0%
1200 Discount Certificates	1	1.3%	115%	0.0%	0.3	-5.7%	98%	0.0%
Total	59,001	24.8%	62.0%	100%	19,539	29.8%	59.4%	100%

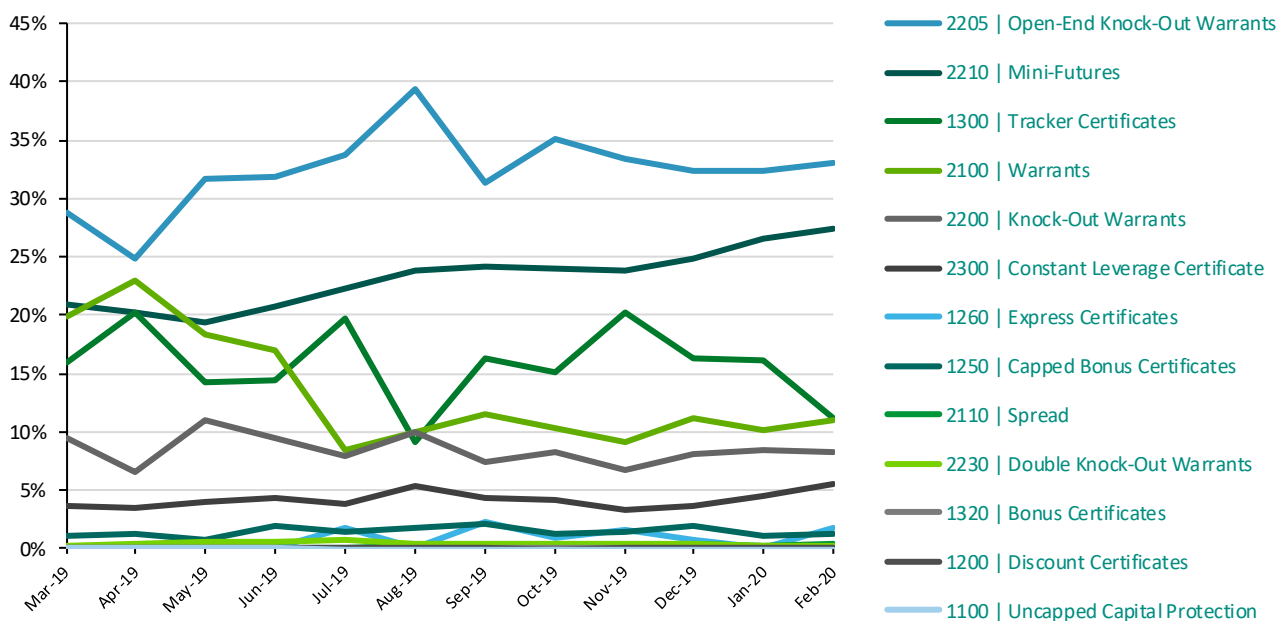
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

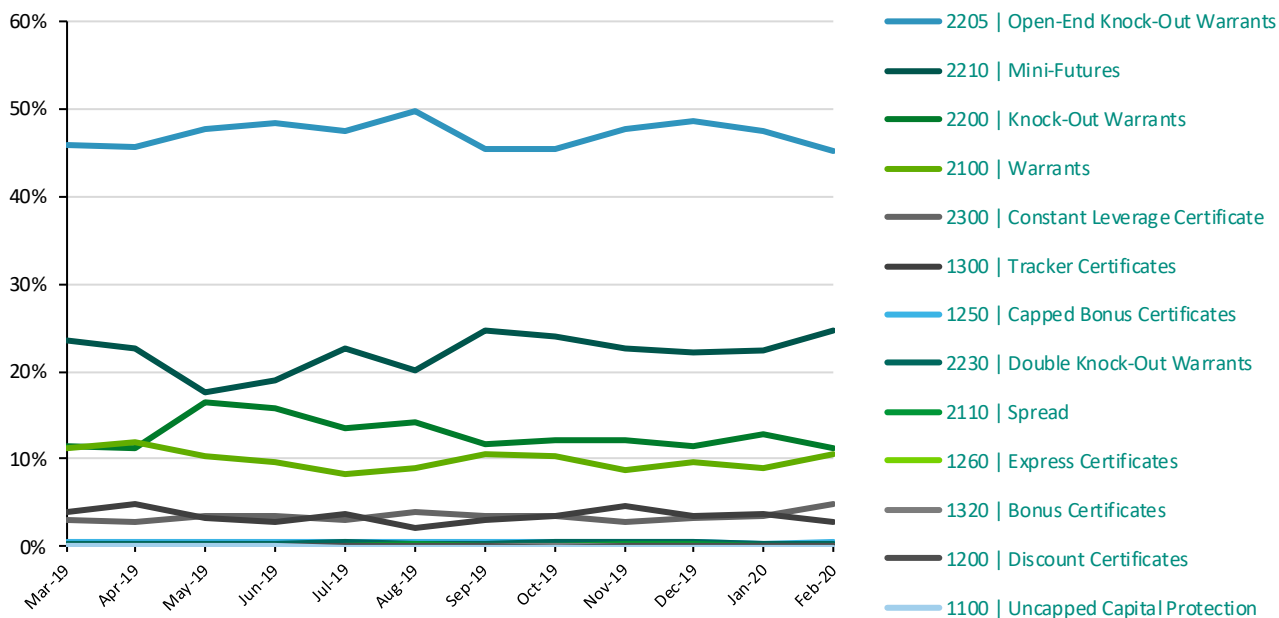
Market Trend: Value traded

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)

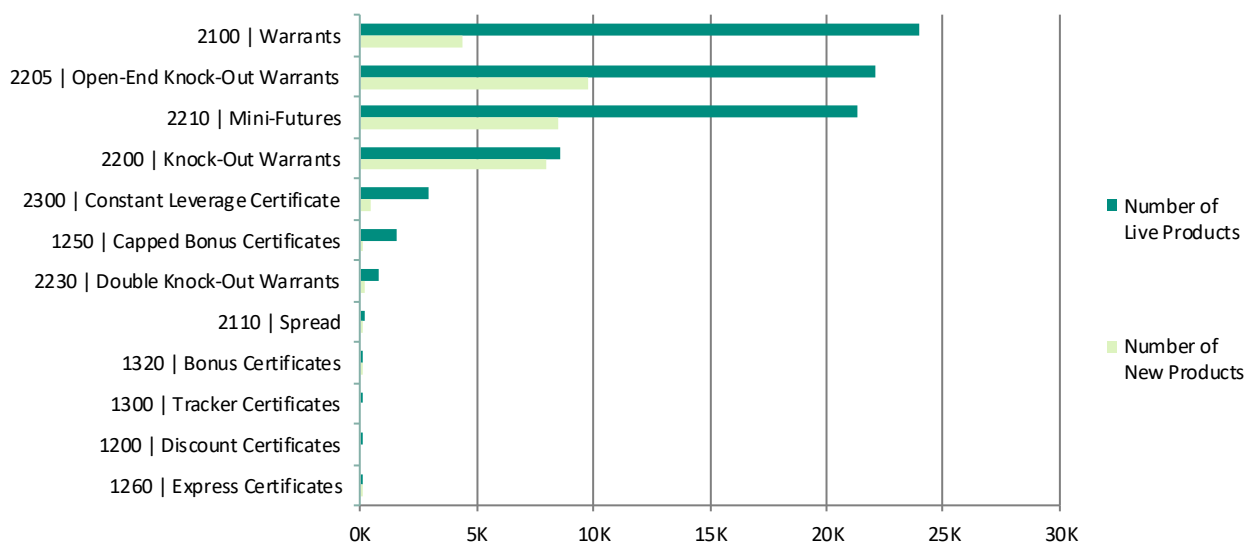
Product Overview

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	23,997	18.0%	0.3%	29.3%	4,391	-39%	7.3%	14.0%
2205 Open-End Knock-Out Warrants	22,100	2.9%	10.7%	27.0%	9,797	28%	56%	31.1%
2210 Mini-Futures	21,354	4.7%	8.1%	26.1%	8,492	27%	50%	27.0%
2200 Knock-Out Warrants	8,548	18.2%	-2.9%	10.4%	7,973	13.7%	25%	25.3%
2300 Constant Leverage Certificate	2,928	8.0%	59%	3.6%	432	0.5%	73%	1.4%
1250 Capped Bonus Certificates	1,572	15.2%	-24%	1.9%	127	-69%	-45%	0.4%
2230 Double Knock-Out Warrants	829	2.9%	7.8%	1.0%	196	-39%	-31%	0.6%
2110 Spread	165	-3.8%	40%	0.2%	43	-52%	48%	0.1%
1320 Bonus Certificates	160	16.5%	35%	0.2%	18	-62%	29%	0.1%
1300 Tracker Certificates	153	-3.3%	-8.6%	0.2%	0	-100%	-100%	0.0%
1200 Discount Certificates	56	0.0%	-7.8%	0.1%	0		-100%	0.0%
1260 Express Certificates	13	14.9%	124%	0.0%	6		324%	0.0%
Total	81,874	9.4%	5.5%	100%	31,475	5.3%	35.6%	100%

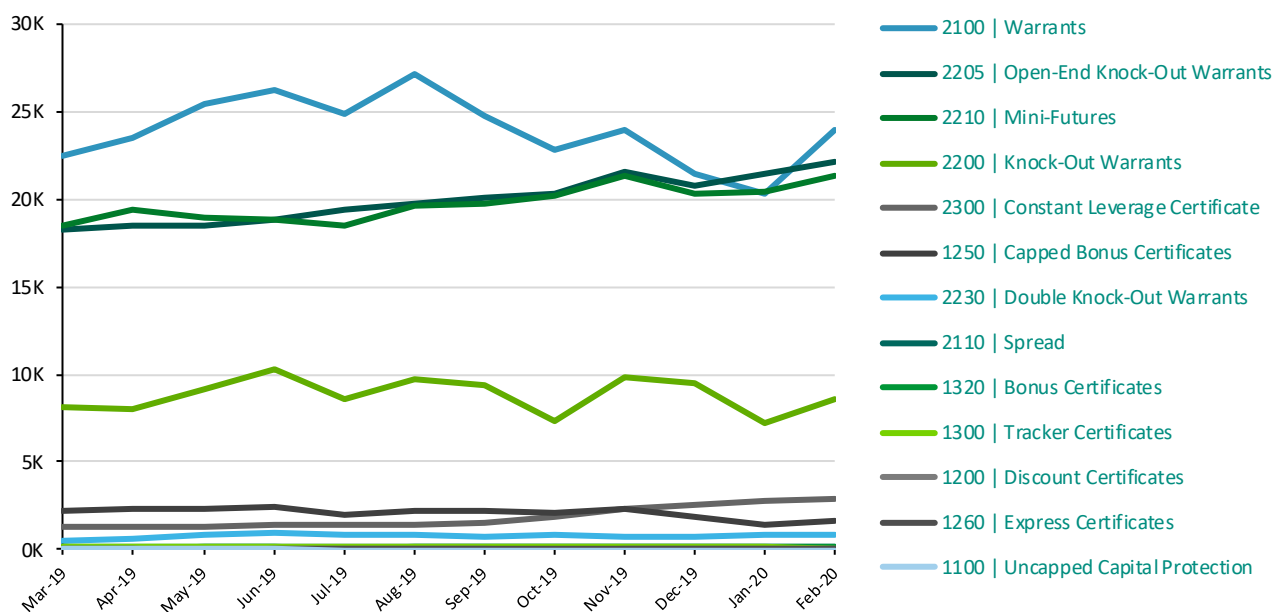
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

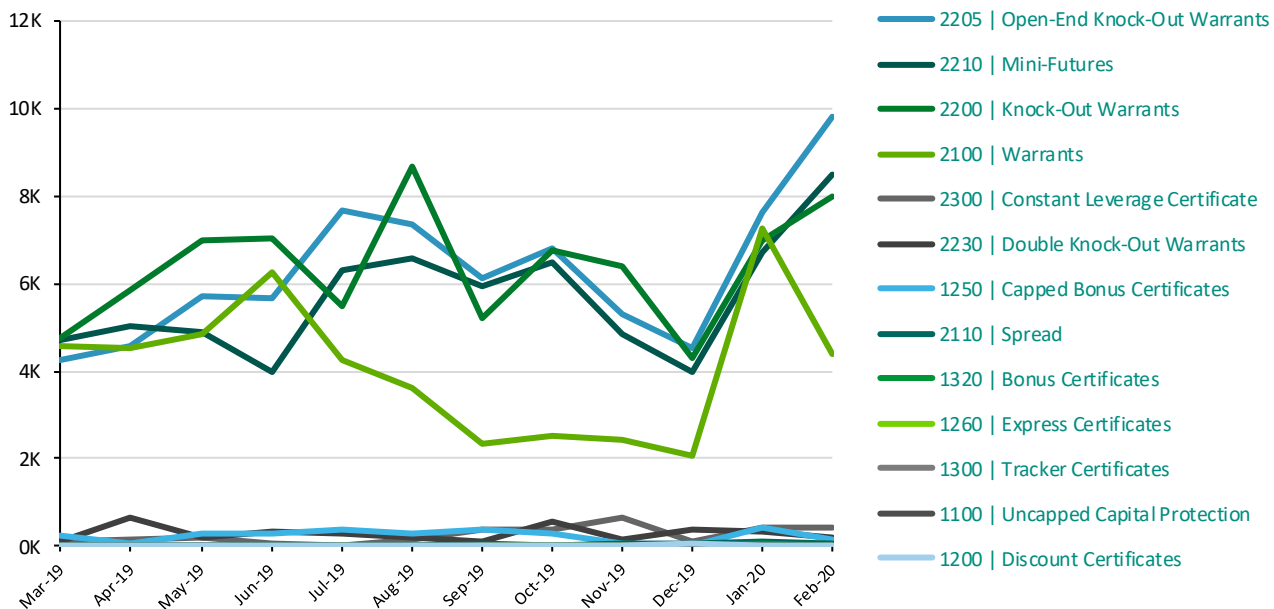
Product Trend: Number of Live Products

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

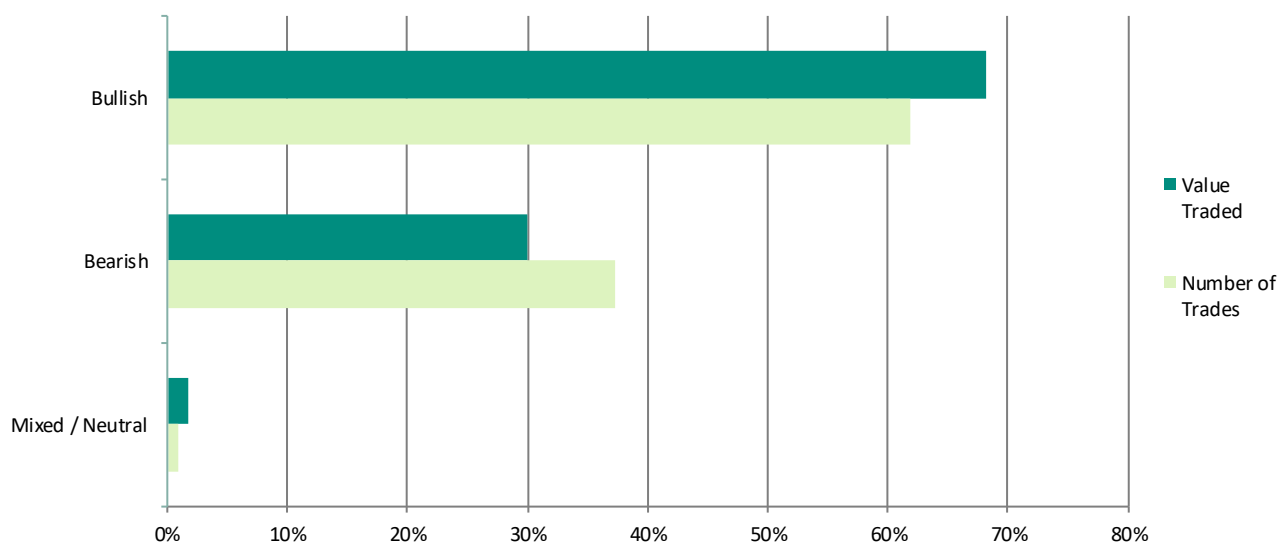
Market Overview

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	40,239	23%	56%	68.2%	12,094	32.5%	60.5%	61.9%
Bearish	17,713	29%	79%	30.0%	7,283	25%	58%	37.3%
Mixed / Neutral	1,049	34%	43%	1.8%	163	27%	32%	0.8%
Total	59,001	24.8%	62.0%	100%	19,539	29.8%	59.4%	100%

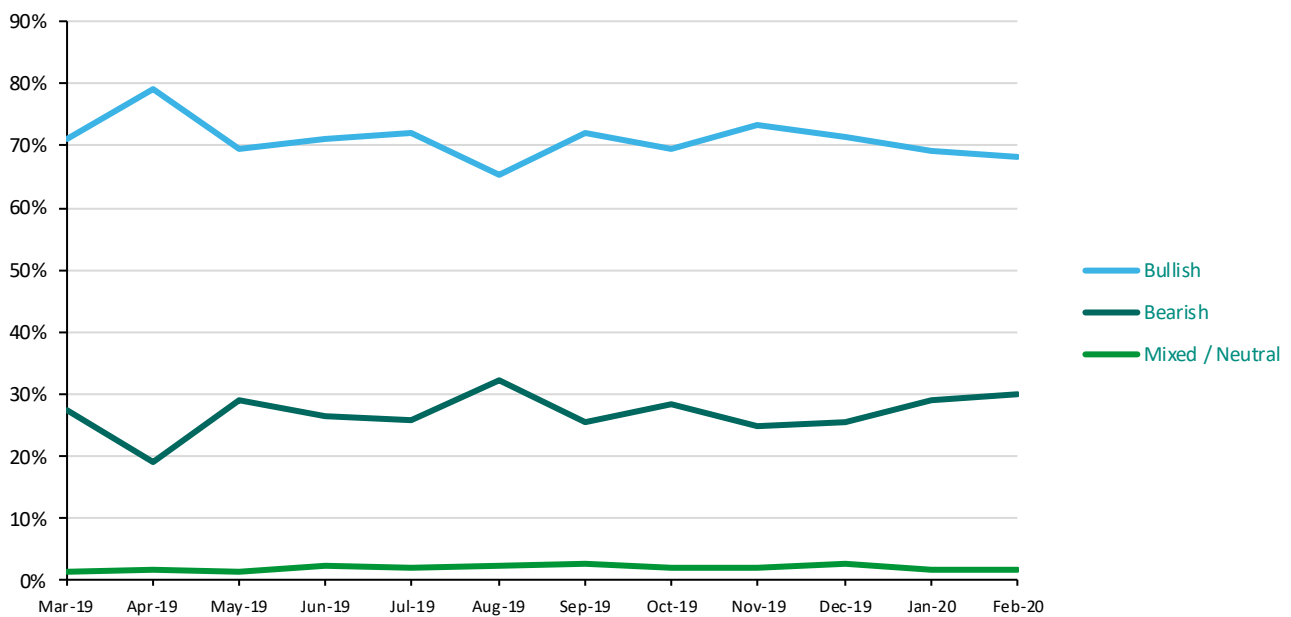
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PRODUCT STRATEGIES

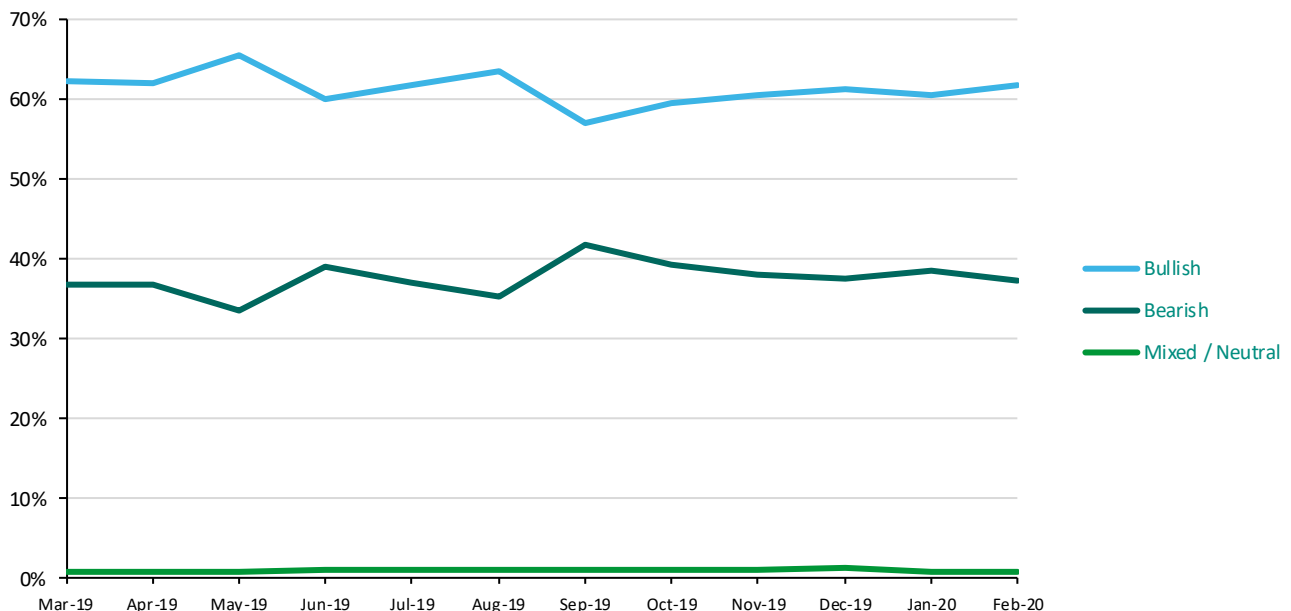
Market Trend: Value traded

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



Market Trend: Number of trades

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PRODUCT STRATEGIES

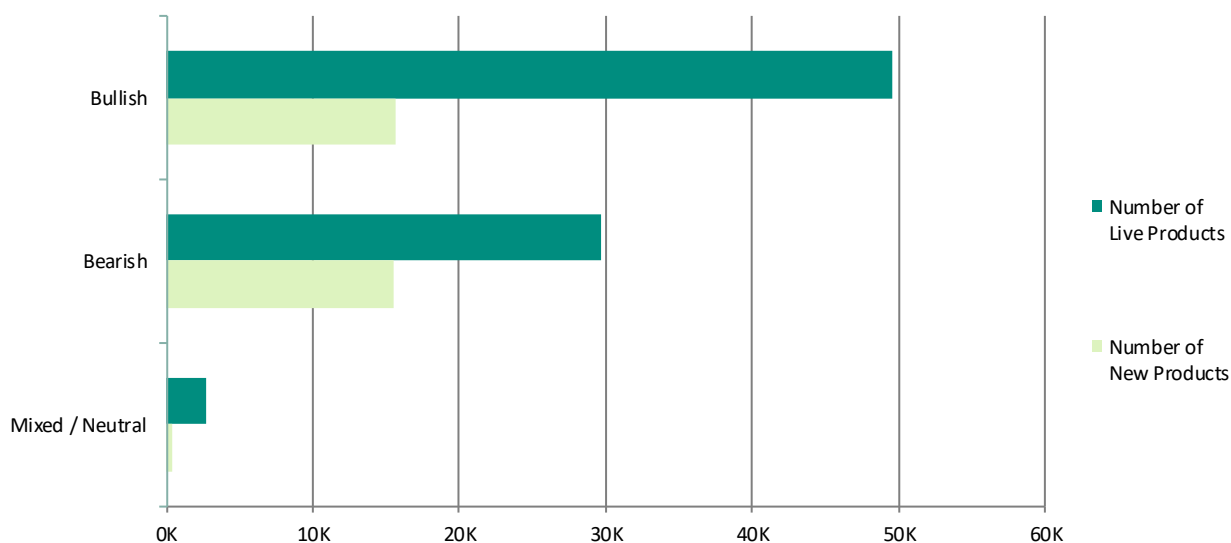
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The chart at the bottom of the page represents the number of live products and number of new products for each product strategy.

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	49,542	5.7%	6.7%	60.5%	15,660	4.5%	28%	49.8%
Bearish	29,616	16.2%	5.6%	36.2%	15,449	9.7%	48%	49.1%
Mixed / Neutral	2,717	8.9%	-13.1%	3.3%	366	-55%	-35%	1.2%
Total	81,874	9.4%	5.5%	100%	31,475	5.3%	35.6%	100%

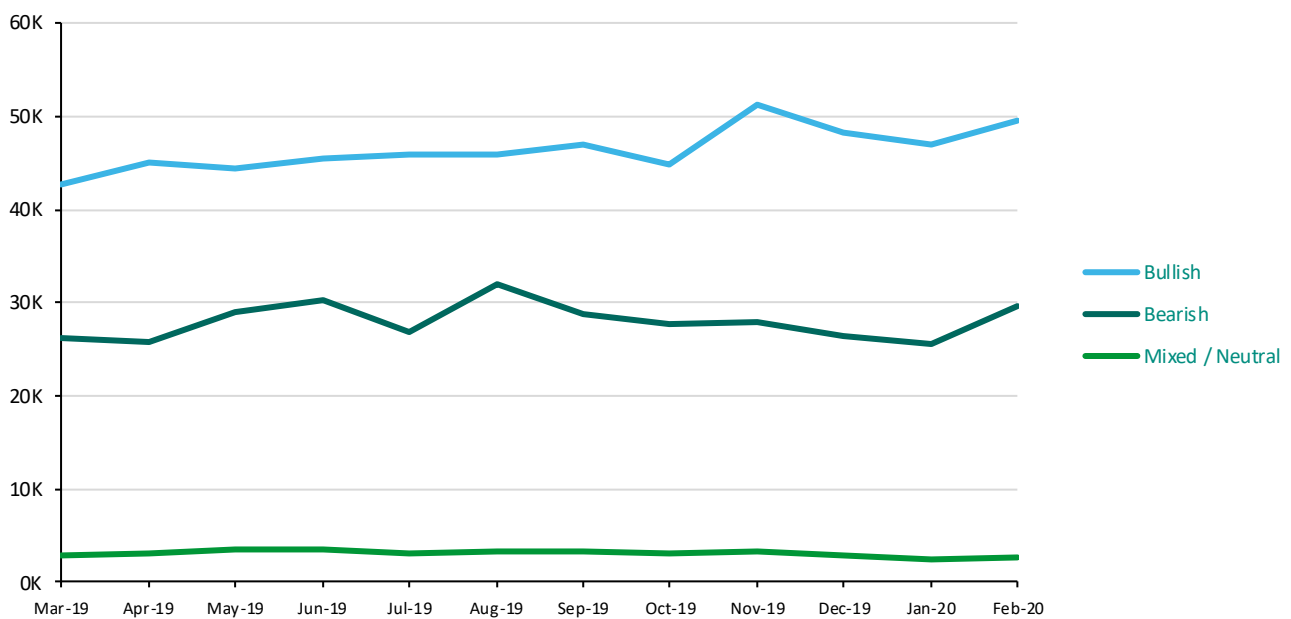
(Source Euronext)



PRODUCT STRATEGIES

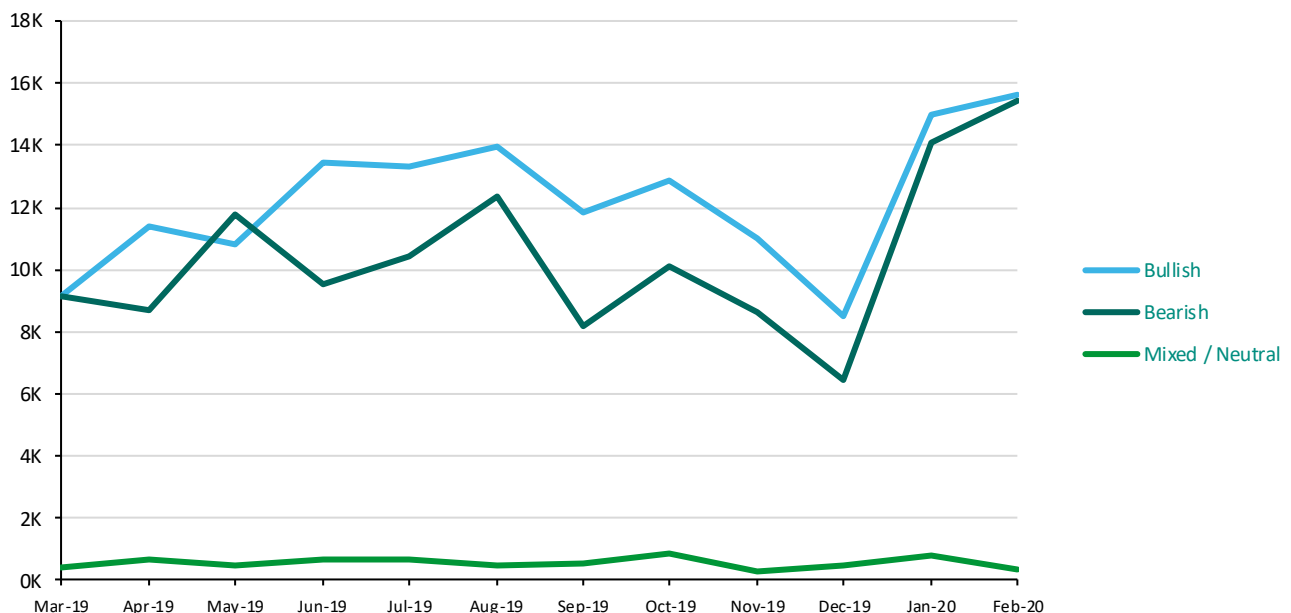
Product Trend: Number of Live Products

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

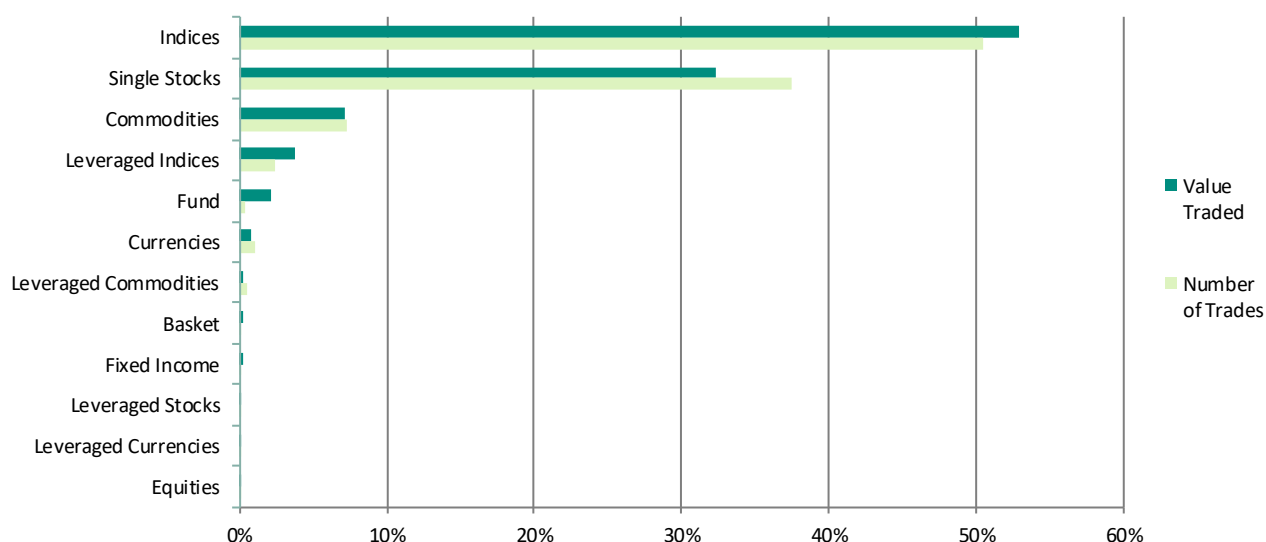
Market Overview

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	31,258	23%	59%	53.0%	9,876	24.1%	53.9%	50.5%
Single Stocks	19,068	30%	89%	32.3%	7,327	34.9%	71.5%	37.5%
Commodities	4,243	3.3%	47%	7.2%	1,430	26.4%	51.0%	7.3%
Leveraged Indices	2,226	54%	135%	3.8%	482	94.5%	119.1%	2.5%
Fund	1,261	31%	-43%	2.1%	74	72.1%	-54.4%	0.4%
Currencies	450	32%	22%	0.8%	201	22.3%	16.4%	1.0%
Leveraged Commodities	173	33%	145%	0.3%	102	80.9%	212.5%	0.5%
Basket	167	79%	248%	0.3%	3.7	27.5%	52.0%	0.0%
Fixed Income	138	105%	208%	0.2%	22	51.0%	5.4%	0.1%
Leveraged Stocks	17	58%	28%	0.0%	21	120.0%	124.1%	0.1%
Leveraged Currencies	0	-78%	-83%	0.0%	0.1	120.0%	-46.7%	0.0%
Equities	0	-98%	-100%	0.0%	0.1	-72.5%	-92.2%	0.0%
Total	59,001	24.8%	62.0%	100%	19,539	29.8%	59.4%	100%

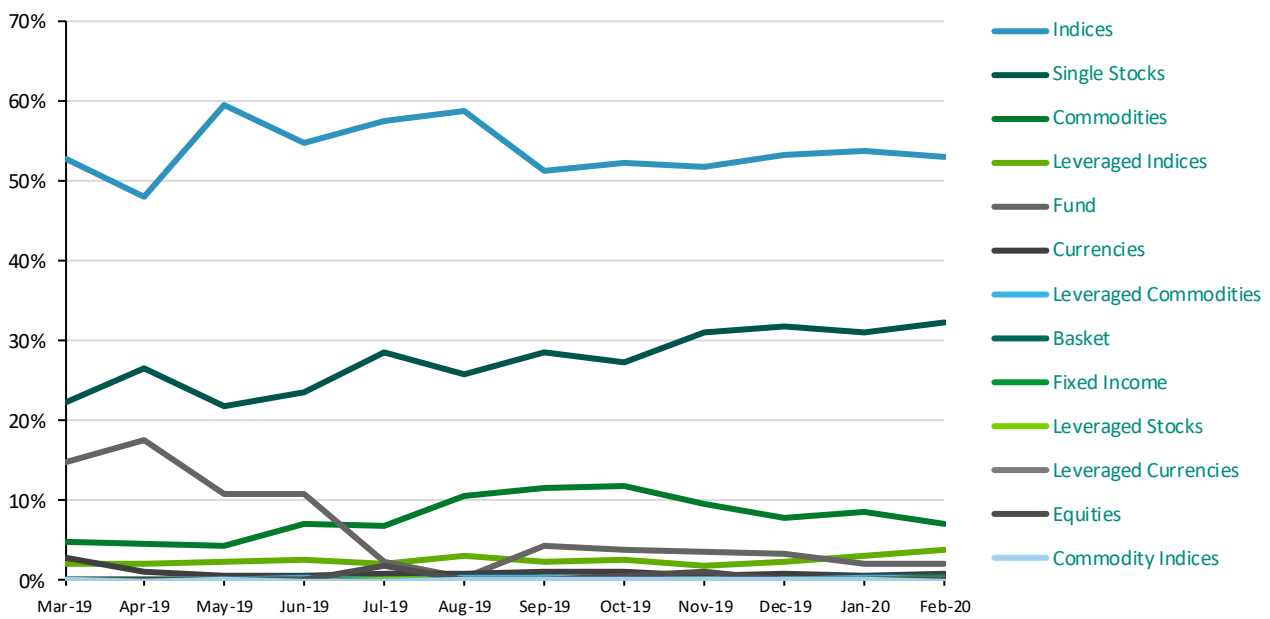
(Source Euronext)



UNDERLYING TYPES

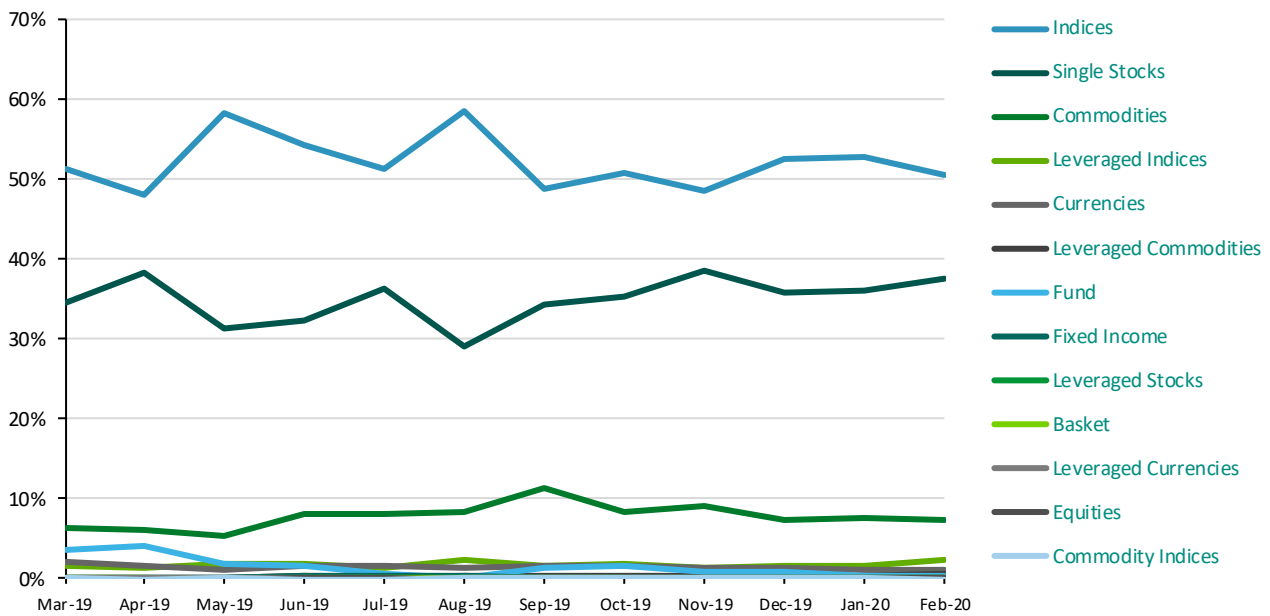
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

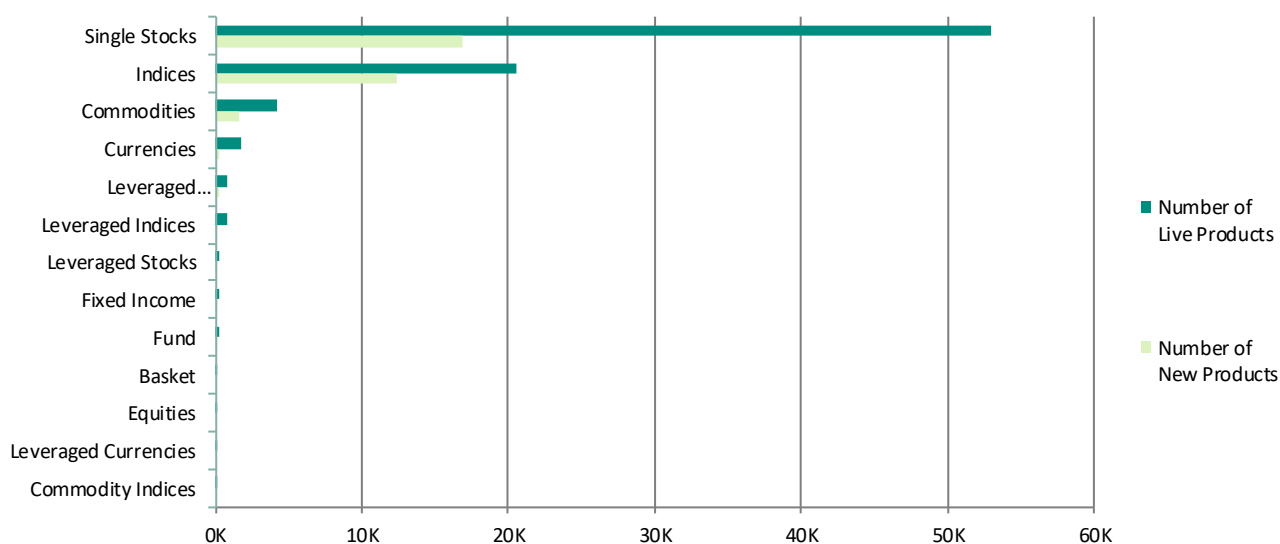
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	53,001	11.3%	6.5%	64.7%	16,812	-6.9%	28%	53.4%
Indices	20,548	6.2%	0.6%	25.1%	12,313	29%	46%	39.1%
Commodities	4,192	6.9%	10.2%	5.1%	1,645	-1.2%	48%	5.2%
Currencies	1,786	2.8%	-15.7%	2.2%	287	-6.2%	-16.9%	0.9%
Leveraged Commodities	771	8.4%	146%	0.9%	198	21%	132%	0.6%
Leveraged Indices	755	8.4%	61%	0.9%	128	2.4%	137%	0.4%
Leveraged Stocks	298	4.3%	49%	0.4%	71	318%	266%	0.2%
Fixed Income	296	-5.4%	-8.2%	0.4%	14	40%	-52%	0.0%
Fund	187	1.8%	9.3%	0.2%	7	40%	35%	0.0%
Basket	22	1.9%	16.9%	0.0%	0		-100%	0.0%
Equities	11	2.8%	100%	0.0%	0	-100%	-100%	0.0%
Leveraged Currencies	8	0.0%	0.0%	0.0%	0			0.0%
Commodity Indices	1	0.0%	0.0%	0.0%	0			0.0%
Total	81,874	9.4%	5.5%	100%	31,475	5.3%	35.6%	100%

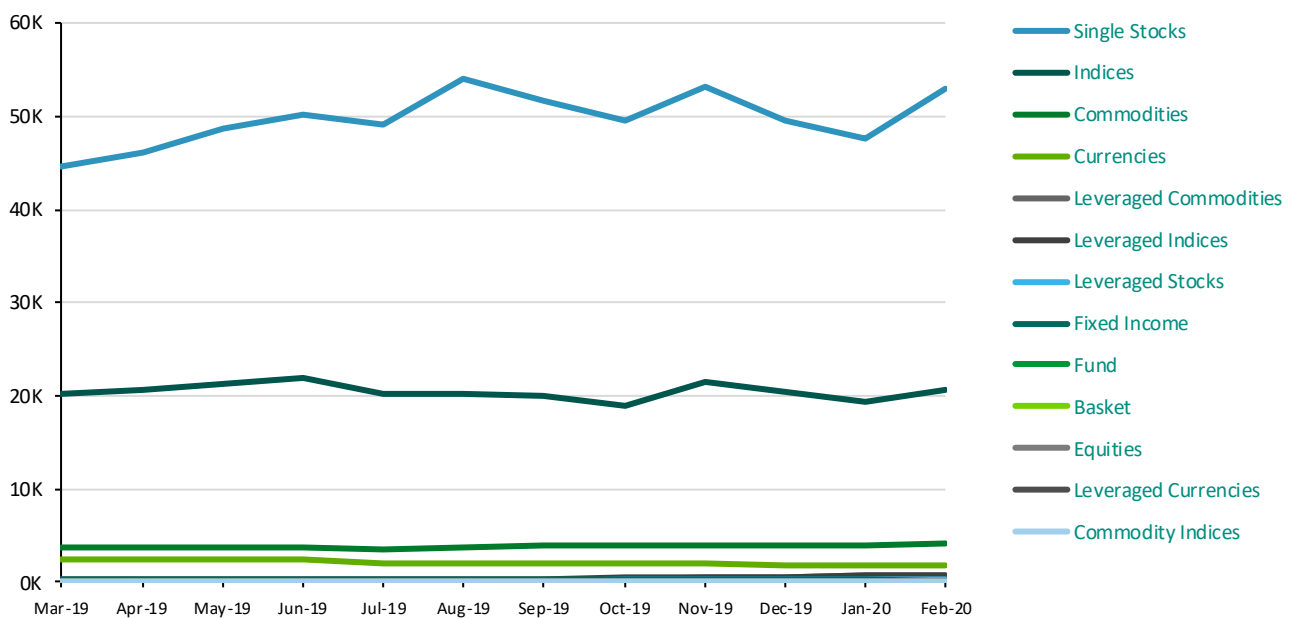
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UNDERLYING TYPES

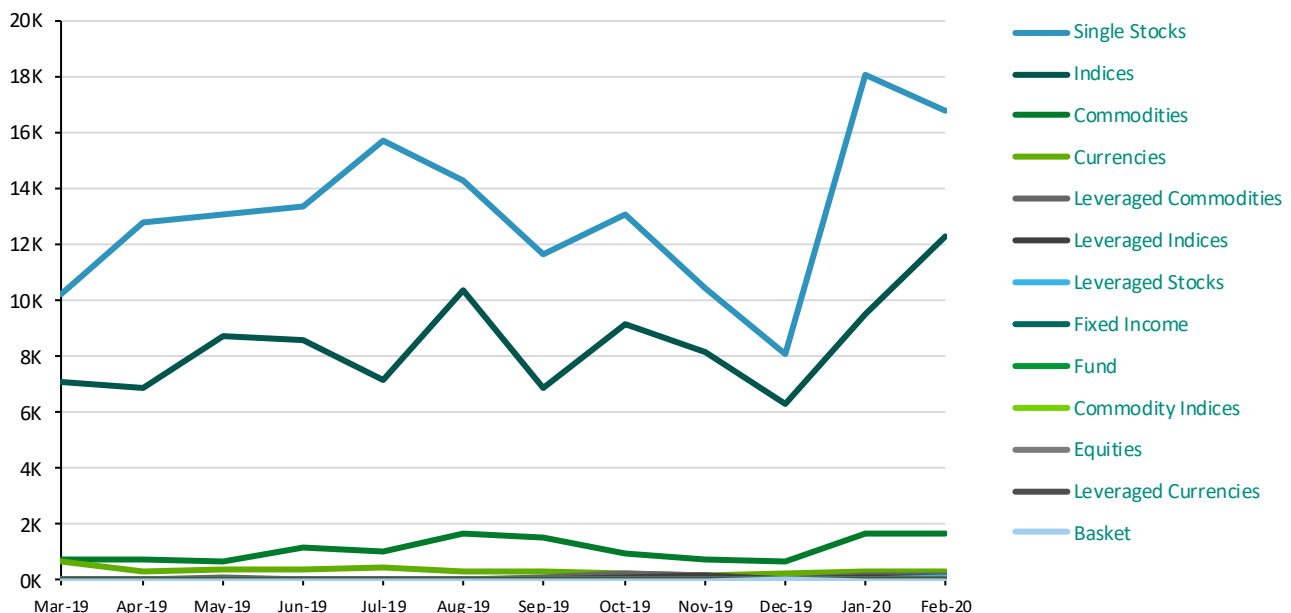
Product Trend: Number of Live Products

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

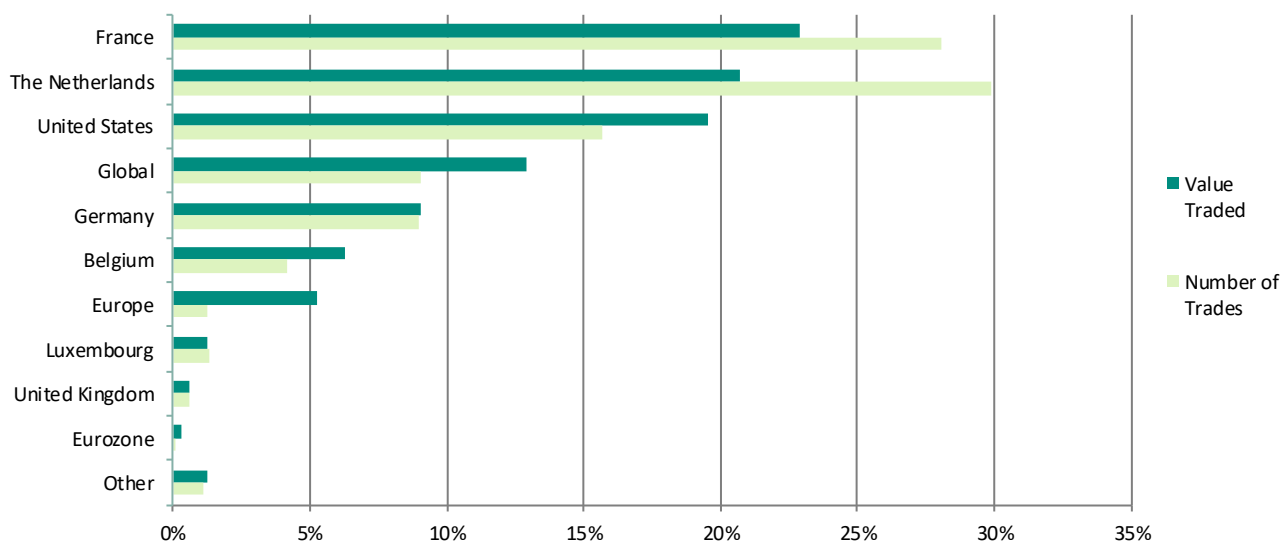
Market Overview

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	13,488	32%	66%	22.9%	5,478	34.0%	61.5%	28.0%
The Netherlands	12,219	28%	60%	20.7%	5,840	31%	60%	29.9%
United States	11,519	17.4%	98%	19.5%	3,065	31%	94%	15.7%
Global	7,613	13.5%	48%	12.9%	1,765	30%	56%	9.0%
Germany	5,343	11.7%	65%	9.1%	1,751	8.8%	33%	9.0%
Belgium	3,711	97%	142%	6.3%	813	76%	92%	4.2%
Europe	3,082	47%	-12.8%	5.2%	240	47%	-14.8%	1.2%
Luxembourg	727	-5.4%	34%	1.2%	256	8.3%	7.0%	1.3%
United Kingdom	368	-42%	49%	0.6%	114	-20.0%	39%	0.6%
Eurozone	189	-19.2%	378%	0.3%	7.5	41%	413%	0.0%
Other	741	33%	45%	1.3%	210	19.4%	41%	1.1%
Total	59,001	24.8%	62.0%	100%	19,539	29.8%	59.4%	100%

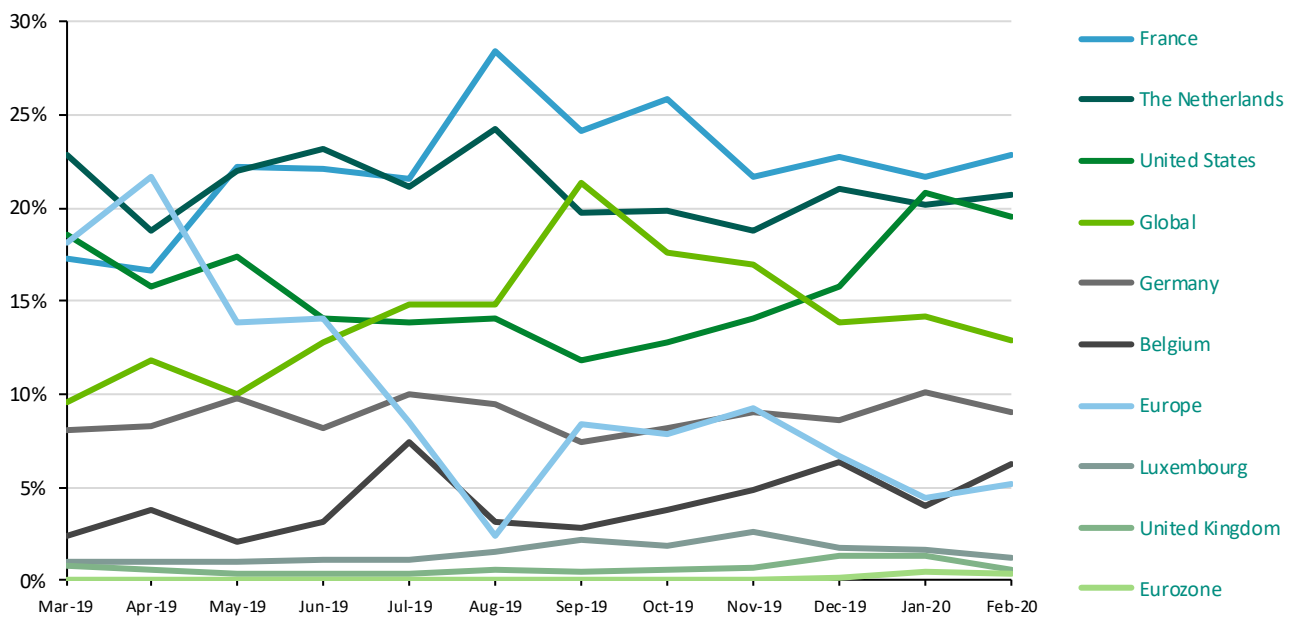
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TOP 10 UNDERLYING COUNTRIES

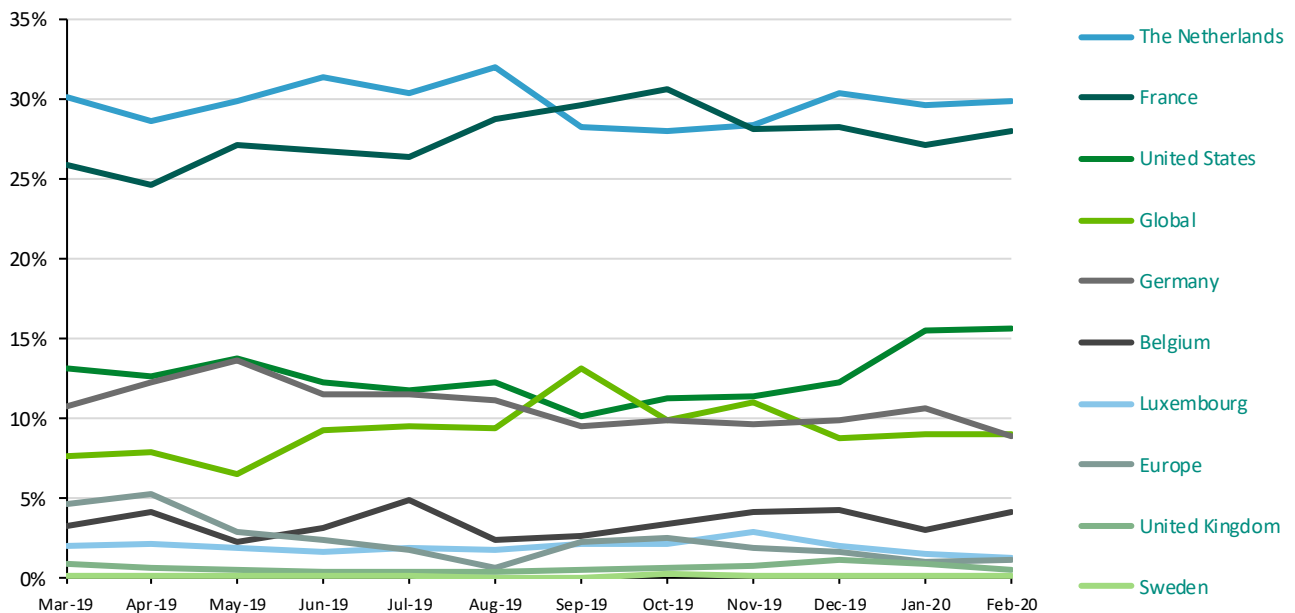
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

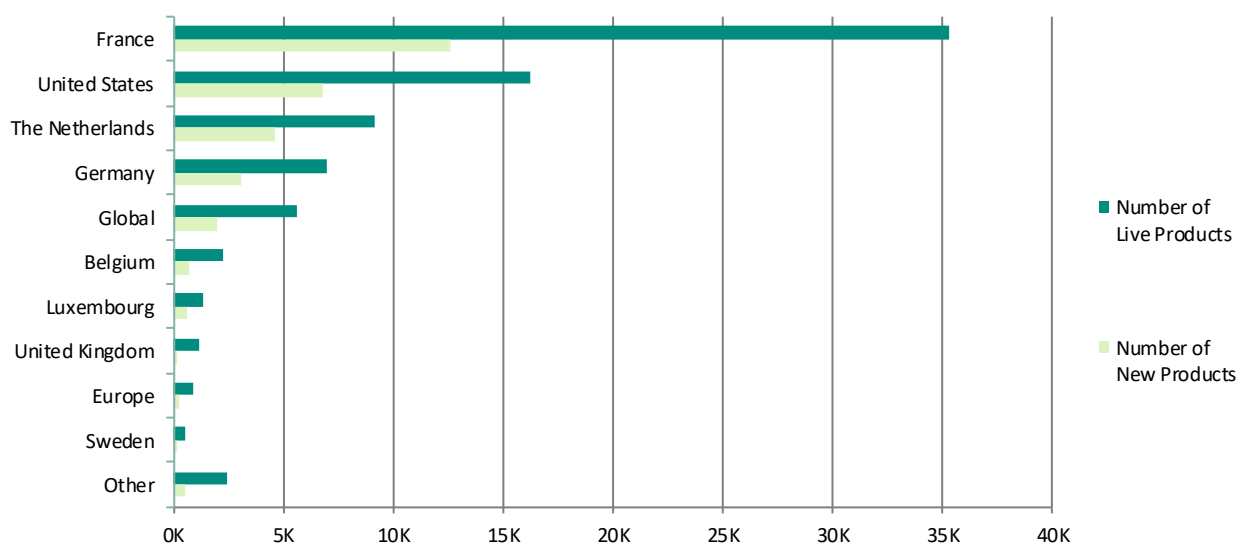
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	35,299	12.1%	1.7%	43.1%	12,638	-16.3%	19.0%	40.2%
United States	16,280	12.3%	9.6%	19.9%	6,768	14.4%	46%	21.5%
The Netherlands	9,117	4.2%	8.2%	11.1%	4,616	97%	86%	14.7%
Germany	6,960	3.5%	5.3%	8.5%	3,102	17.8%	32%	9.9%
Global	5,644	6.7%	18.0%	6.9%	1,955	1.1%	51%	6.2%
Belgium	2,261	5.8%	8.4%	2.8%	740	50%	52%	2.4%
Luxembourg	1,300	10.2%	8.1%	1.6%	589	23%	25%	1.9%
United Kingdom	1,159	4.5%	3.9%	1.4%	199	-27%	-6.8%	0.6%
Europe	921	5.3%	-4.3%	1.1%	240	50%	59%	0.8%
Sweden	494	14.7%	9.4%	0.6%	146	-1.4%	22%	0.5%
Other	2,439	2.6%	0.7%	3.0%	482	20%	24%	1.5%
Total	81,874	9.4%	5.5%	100%	31,475	5.3%	35.6%	100%

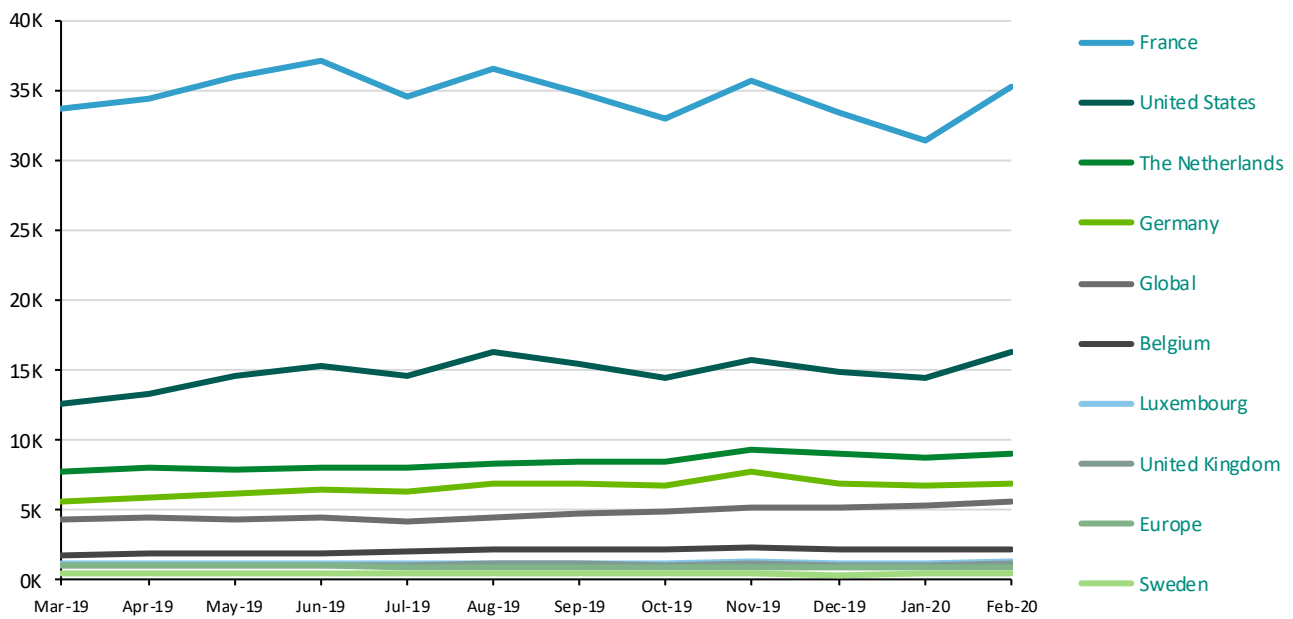
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

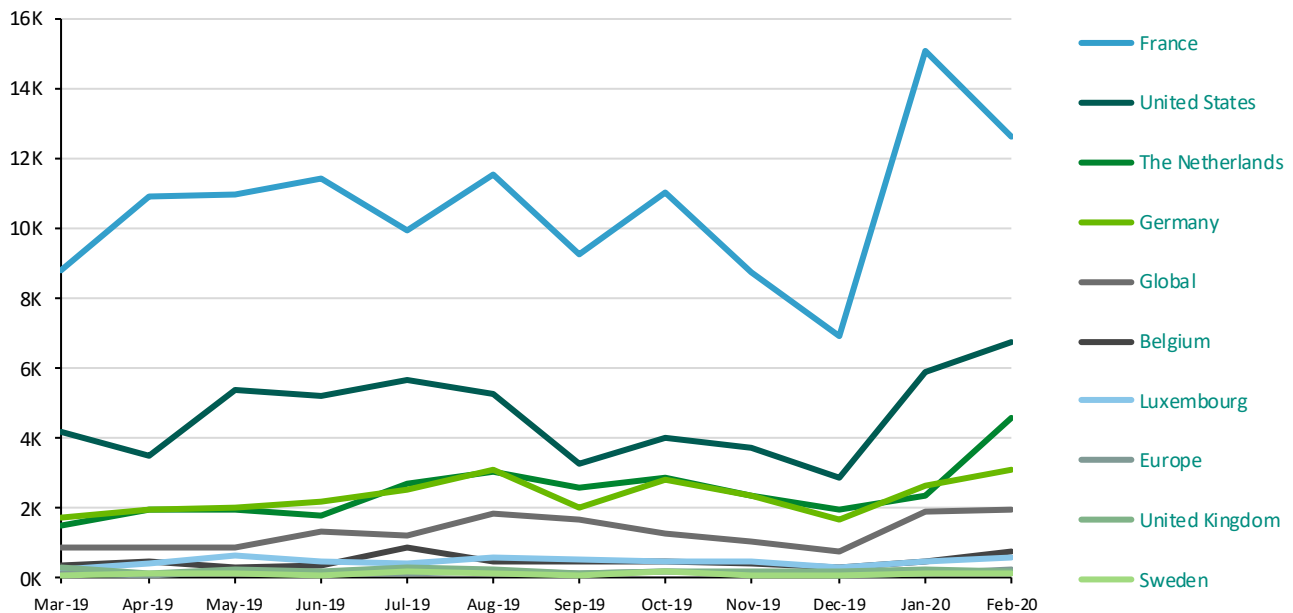
Product Trend: Number of Live Products

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

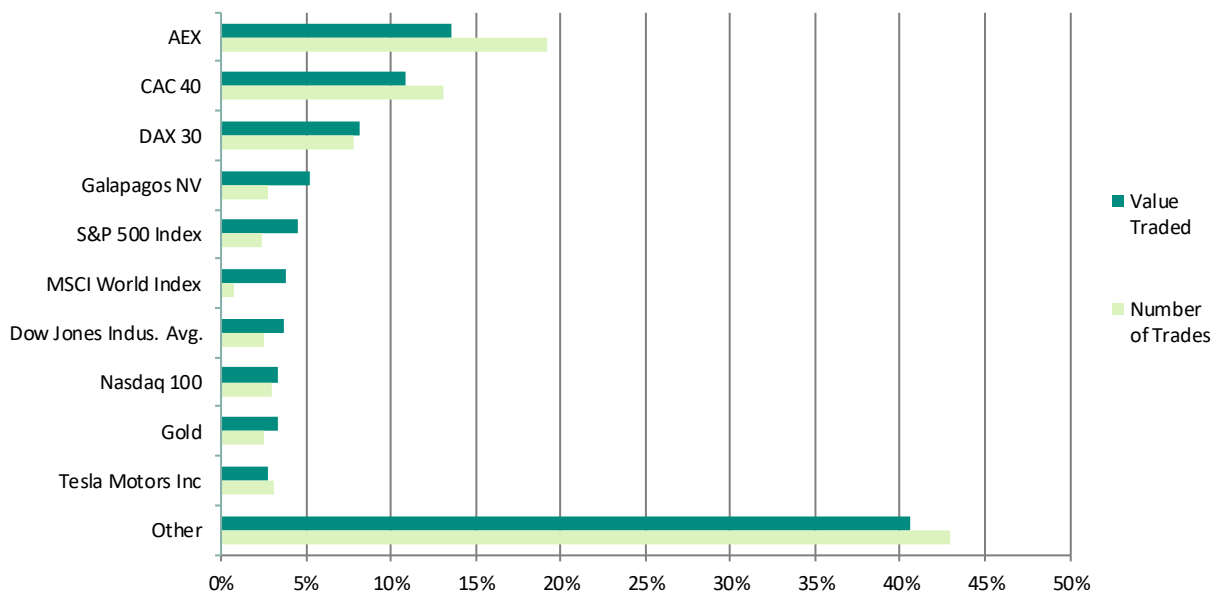
Market Overview

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	8,026	28%	58%	13.6%	3,742	27.9%	57.1%	19.1%
CAC 40	6,432	30%	71%	10.9%	2,563	28%	65%	13.1%
DAX 30	4,780	17.6%	65%	8.1%	1,532	7.6%	31%	7.8%
Galapagos NV	3,088	124%	170%	5.2%	543	82%	112%	2.8%
S&P 500 Index	2,688	-17.7%	40%	4.6%	469	11.9%	74%	2.4%
MSCI World Index	2,267	1.7%	26%	3.8%	137	11.8%	56%	0.7%
Dow Jones Indus. Avg.	2,174	34%	76%	3.7%	496	25%	38%	2.5%
Nasdaq 100	1,994	28%	83%	3.4%	572	35%	60%	2.9%
Gold	1,984	-1.1%	47%	3.4%	491	27%	45%	2.5%
Tesla Motors Inc	1,644	71%	330%	2.8%	605	56%	309%	3.1%
Other	23,924	26%	52%	40.5%	8,391	34%	57%	42.9%
Total	59,001	24.8%	62.0%	100%	19,539	29.8%	59.4%	100%

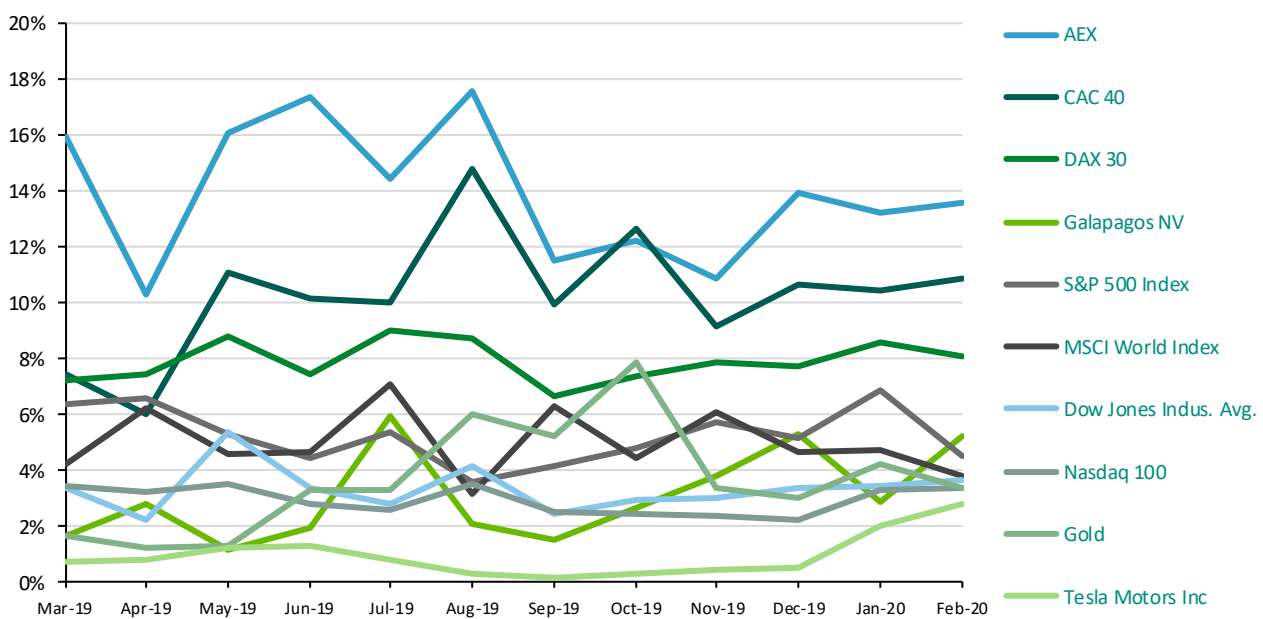
(Source Euronext)



TOP 10 UNDERLYINGS

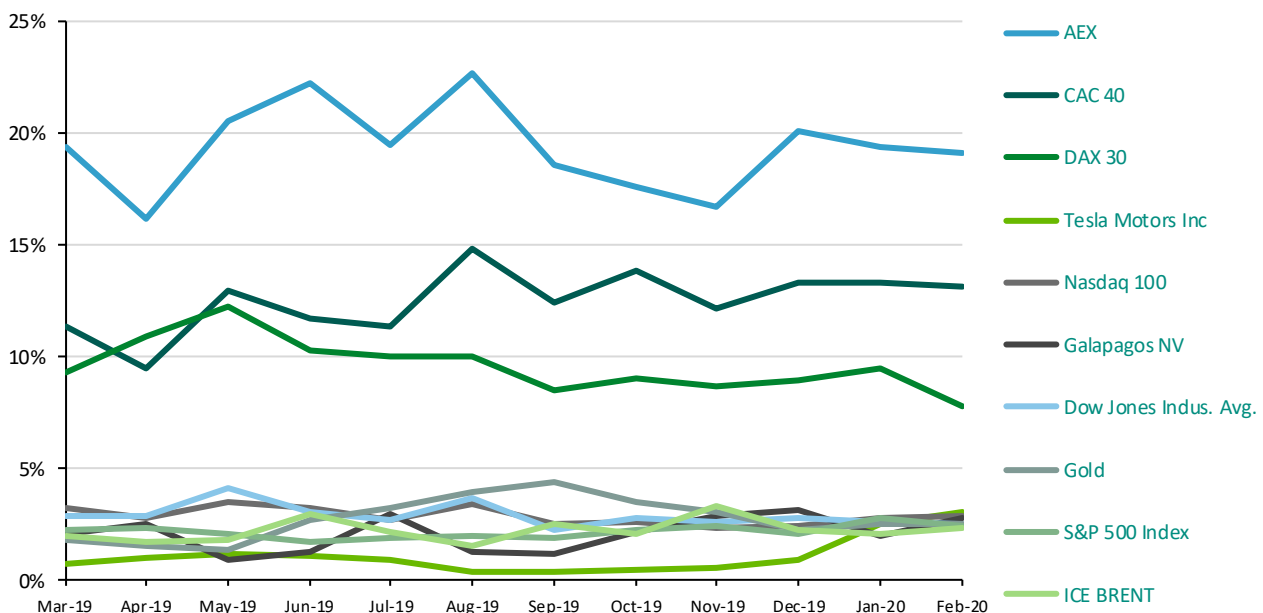
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

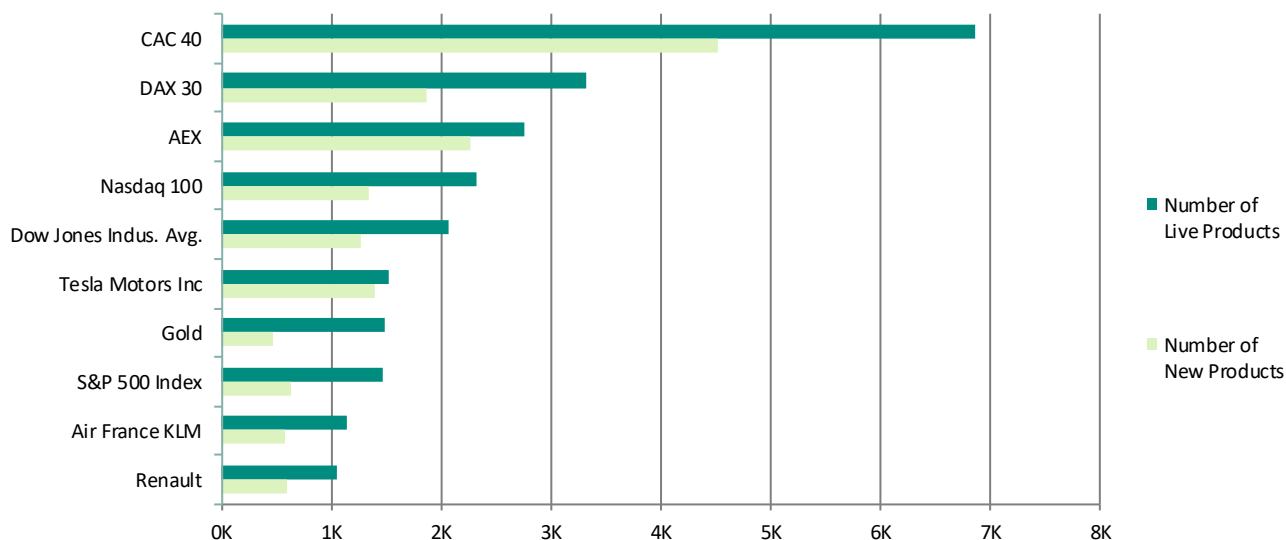
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
CAC 40	6,866	3.6%	-2.3%	8.4%	4,523	-1.9%	21%	14.4%
DAX 30	3,317	1.4%	-2.5%	4.1%	1,866	30%	36%	5.9%
AEX	2,758	7.3%	7.4%	3.4%	2,269	198%	134%	7.2%
Nasdaq 100	2,315	19.2%	15.3%	2.8%	1,348	29%	64%	4.3%
Dow Jones Indus. Avg.	2,060	8.5%	-2.2%	2.5%	1,270	41%	52%	4.0%
Tesla Motors Inc	1,517	47%	82%	1.9%	1,386	7.8%	200%	4.4%
Gold	1,487	5.9%	13.1%	1.8%	471	-7.3%	45%	1.5%
S&P 500 Index	1,461	11.3%	-0.6%	1.8%	628	25%	49%	2.0%
Air France KLM	1,145	13.8%	-2.9%	1.4%	573	-17.1%	31%	1.8%
Renault	1,046	26%	14.2%	1.3%	595	-1.2%	77%	1.9%
Other	57,902	9.3%	5.7%	70.7%	16,546	-5.6%	23%	52.6%
Total	81,874	9.4%	5.5%	100%	31,475	5.3%	35.6%	100%

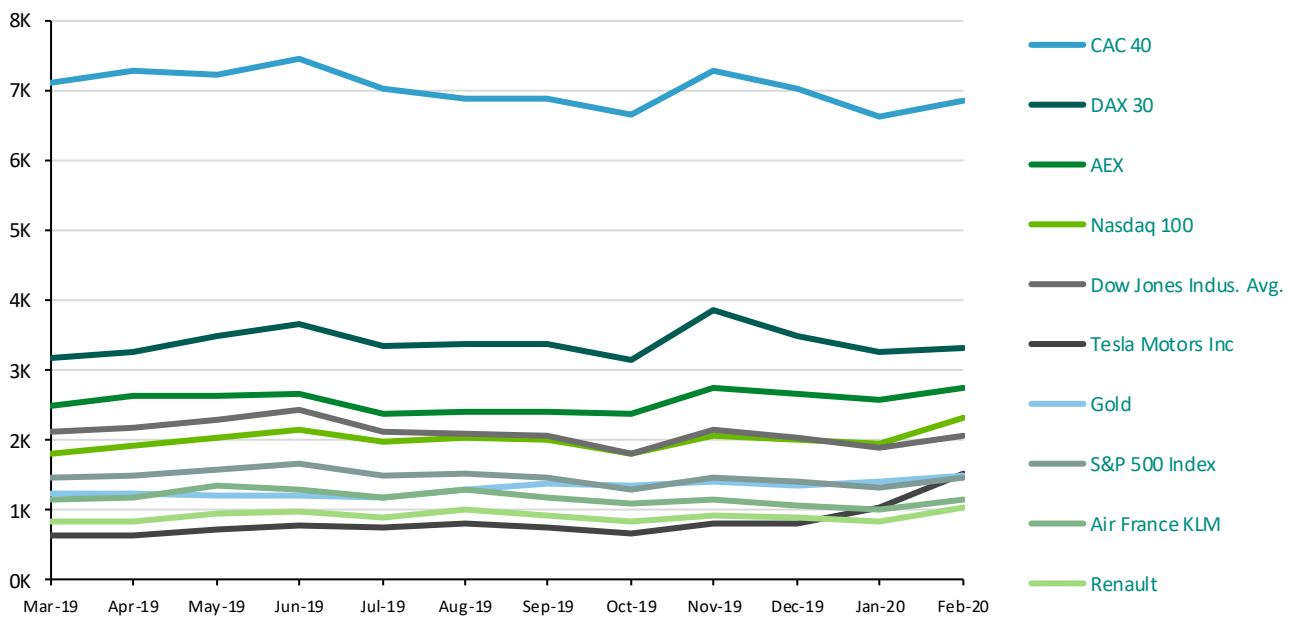
(Source Euronext)



TOP 10 UNDERLYINGS

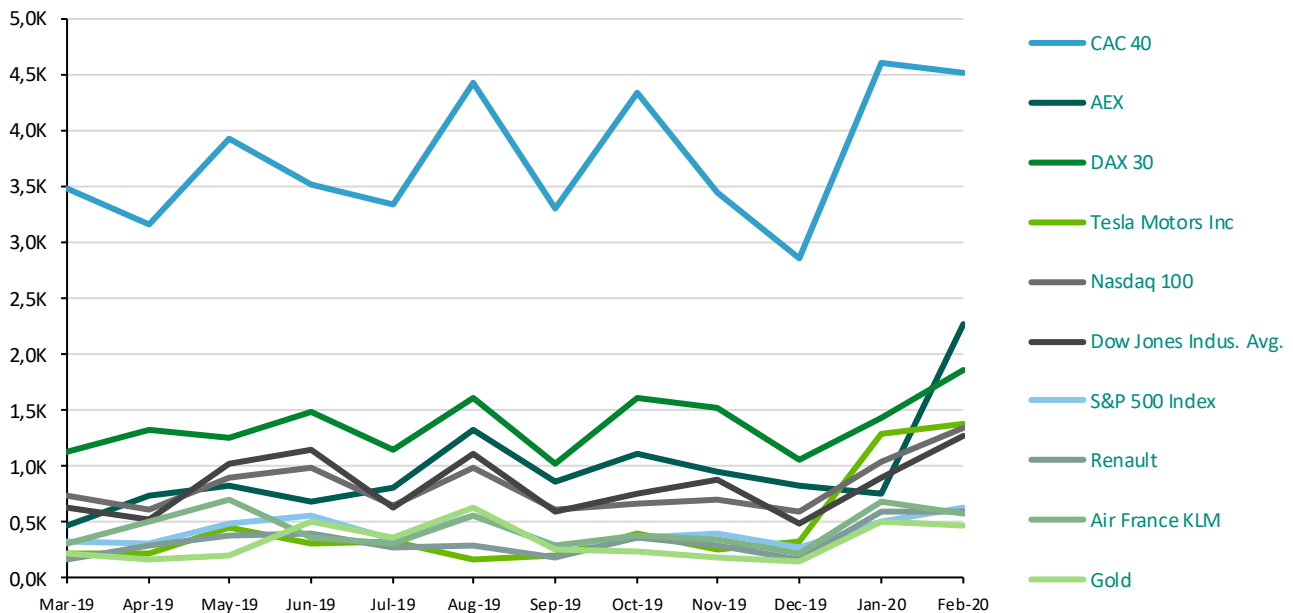
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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	45,339	2,737
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	36,164	2,565
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	18,150	1,422
NL0014132490	ING	2100	Warrants	Euro STOXX 50 ETFs	8,326	601
NL0013666209	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	5,986	51
LU2114937472	KBC	1260	Express Certificates	Euro STOXX 50	5,865	33
FR0013188612	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leverage Index	5,850	1,063
NL0013924095	BNP Paribas	2100	Warrants	Euro STOXX 50 ETFs	4,715	11
LU2114939502	KBC	1260	Express Certificates	STOXX 600 Banks Index	4,598	25
NL0014312332	BNP Paribas	2210	Mini-Futures	Gold	4,554	231
PTBITEYE0034	BCP	1300	Tracker Certificates	DAX 30	4,393	292
NL0013814858	Goldman Sachs	2210	Mini-Futures	AEX	4,335	1,051
DE000VE6N4R7	Vontobel	2100	Warrants	Tesla Motors Inc	3,912	95
LU2114944841	KBC	1260	Express Certificates	S&P 500 Index	3,555	24
FR0013217940	Société Générale	2300	Constant Leverage Certificate	CAC 40 x15 Leverage Index	3,551	931
DE000CU6HUN4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	3,503	130
NL0014061913	BNP Paribas	2210	Mini-Futures	Dow Jones Indus. Avg.	3,457	112
NL0013576135	BNP Paribas	2210	Mini-Futures	DAX 30	3,347	251
LU2114939767	KBC	1260	Express Certificates	STOXX 600 Banks Index	3,337	21
LU1815432486	Société Générale	1300	Tracker Certificates	CAC 40 x15 Short Index	3,310	805
NL0014064107	BNP Paribas	2210	Mini-Futures	DAX 30	3,297	133
NL0014151821	BNP Paribas	2210	Mini-Futures	DAX 30	3,163	185
DE000CL1GML9	Commerzbank	2300	Constant Leverage Certificate	CAC 40	2,963	749
DE000VE2Z9D6	Vontobel	2200	Knock-Out Warrants	DAX 30	2,839	830
NL0006191470	BNP Paribas	1300	Tracker Certificates	Precious Metals Basket	2,820	26
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	2,623	243
NL0014154502	BNP Paribas	2210	Mini-Futures	Gold	2,595	197
DE000VN61ZM8	Vontobel	2300	Constant Leverage Certificate	Euro STOXX 50 x16 Leverage Inc	2,577	70
LU1815432056	Société Générale	1300	Tracker Certificates	CAC 40 x10 Short Index	2,553	413
NL0014099855	ING	2205	Open-End Knock-Out Warrants	Galapagos NV	2,552	279
DE000VN61ZF2	Vontobel	2300	Constant Leverage Certificate	S&P 500 x16 Leverage Index	2,435	225
LU2000310917	Société Générale	2210	Mini-Futures	CAC 40	2,390	217
DE000CU15504	Commerzbank	2300	Constant Leverage Certificate	CAC 40	2,359	665
DE000VN61ZT3	Vontobel	2300	Constant Leverage Certificate	FTSE x16 Leverage Index	2,346	148
LU2114936748	KBC	1260	Express Certificates	Euro STOXX 50	2,296	13
FR0010961078	Société Générale	2300	Constant Leverage Certificate	CAC 40 x5 Leverage Index	2,286	472
NL0014152803	BNP Paribas	2205	Open-End Knock-Out Warrants	AEX	2,279	782
NL0013901994	ING	2205	Open-End Knock-Out Warrants	ASML HOLDING	2,265	390
NL0013744063	Goldman Sachs	2210	Mini-Futures	AEX	2,260	4,513
FR0010511535	Société Générale	1300	Tracker Certificates	Brent	2,259	383
NL0013832462	Goldman Sachs	2205	Open-End Knock-Out Warrants	AEX	2,252	794
NL0014041295	BNP Paribas	2210	Mini-Futures	AEX	2,149	87
NL0011539267	BNP Paribas	2205	Open-End Knock-Out Warrants	Heineken	2,127	30
DE000CD5NZY1	Commerzbank	2300	Constant Leverage Certificate	CAC 40	2,086	425
NL0014060279	BNP Paribas	2210	Mini-Futures	Dow Jones Indus. Avg.	2,069	80
NL0014316374	BNP Paribas	2210	Mini-Futures	Dow Jones Indus. Avg.	1,959	25
DE000CU13SE6	Commerzbank	2100	Warrants	Kering	1,959	122
DE000VE6Z343	Vontobel	2205	Open-End Knock-Out Warrants	CAC 40	1,956	433
NL0013901309	ING	2205	Open-End Knock-Out Warrants	Galapagos NV	1,951	431
NL0013802614	Goldman Sachs	2210	Mini-Futures	Altice	1,899	72

(Source Euronext)



Euronext Amsterdam

ISSUERS

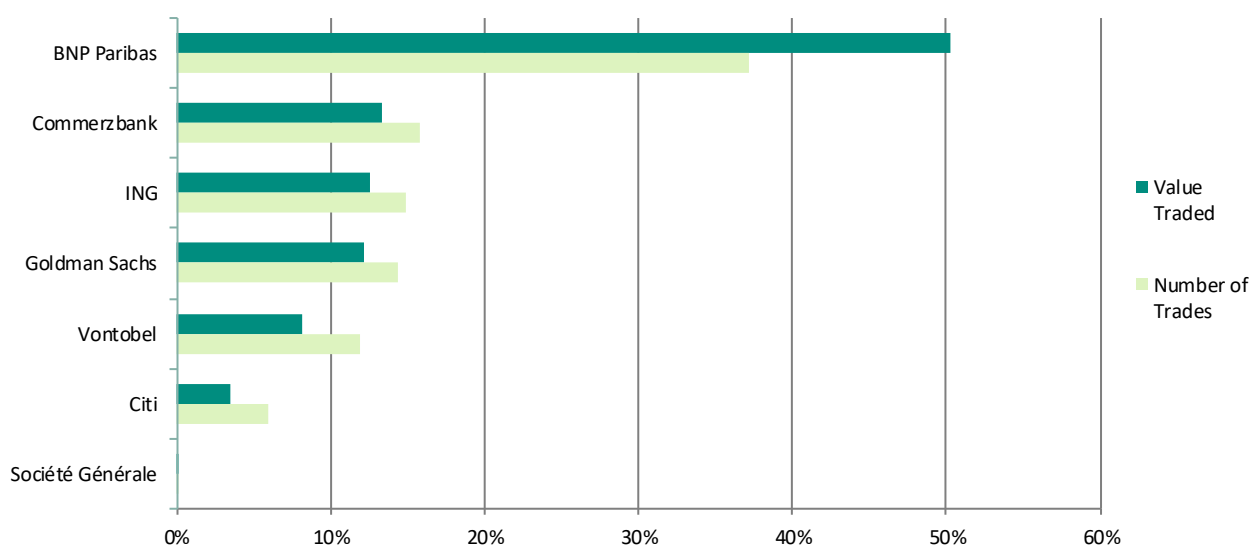
Market Overview

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	14,889	17.5%	74%	50.3%	3,880	28.2%	55.8%	37.1%
Commerzbank	3,925	28%	74%	13.3%	1,648	25.5%	38.7%	15.8%
ING	3,705	58%	30%	12.5%	1,552	34.2%	51.1%	14.9%
Goldman Sachs	3,607	46%	66%	12.2%	1,502	28.1%	78.8%	14.4%
Vontobel	2,410	29%	71%	8.1%	1,242	29.2%	51.1%	11.9%
Citi	1,044	62%	63%	3.5%	616	9.5%	19.6%	5.9%
Société Générale	6	-59%	-82%	0.0%	8.4	20.8%	-68.7%	0.1%
Total	29,588	28.1%	64.8%	100%	10,447	27.4%	51.2%	100%

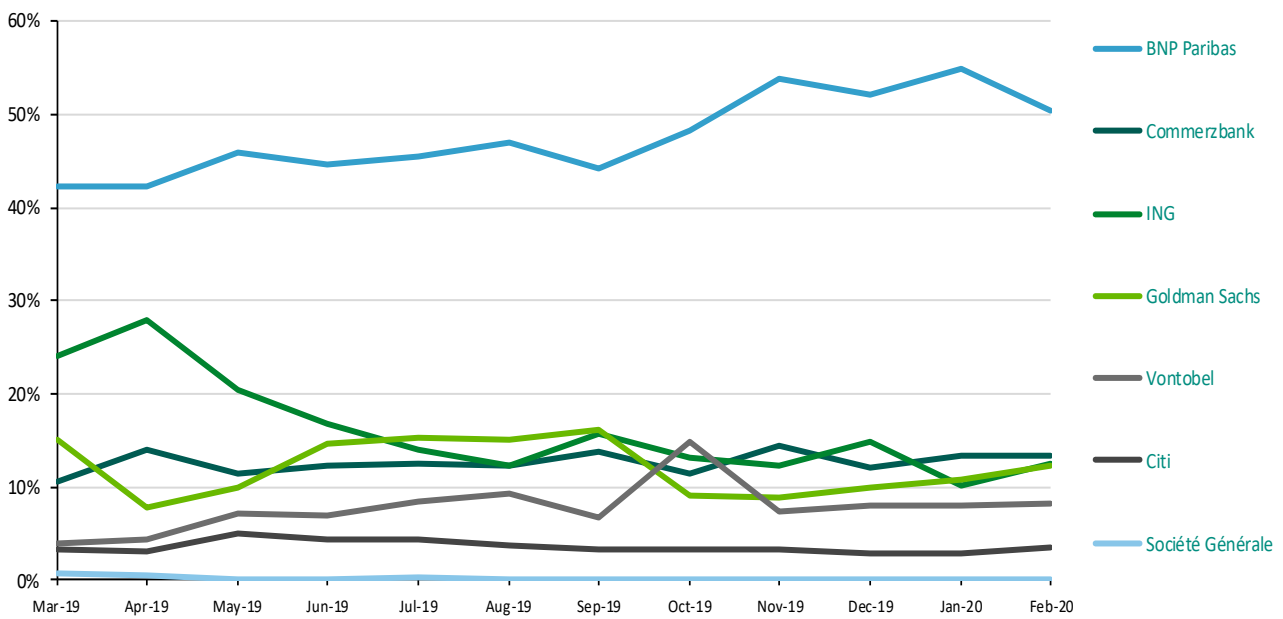
(Source Euronext)



ISSUERS

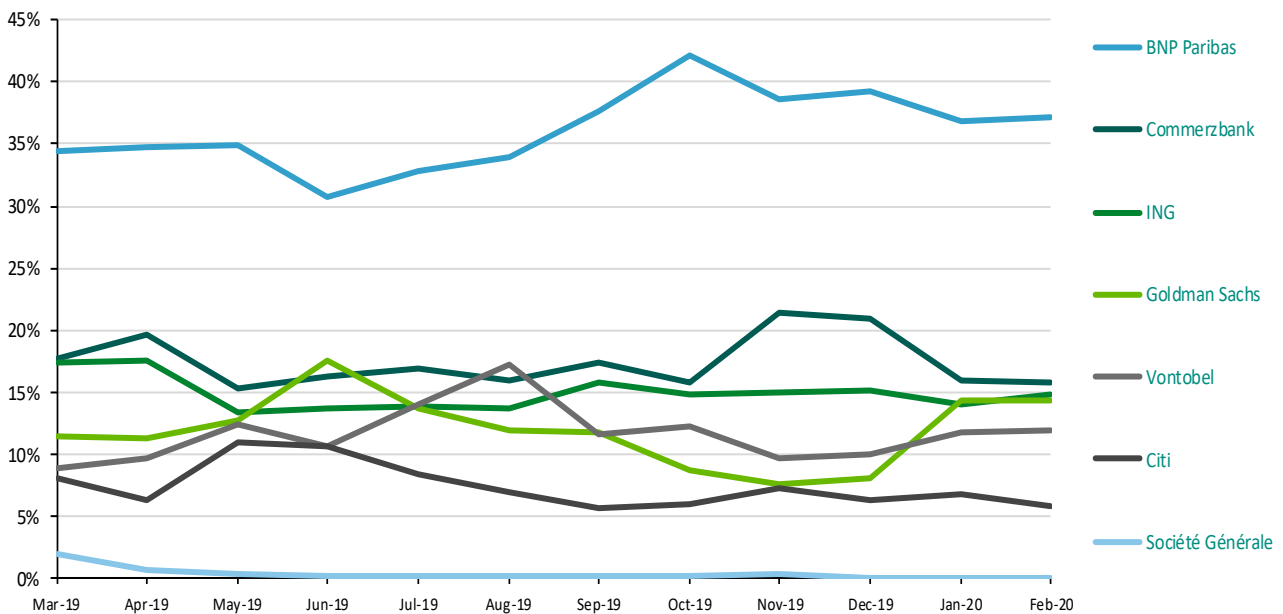
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

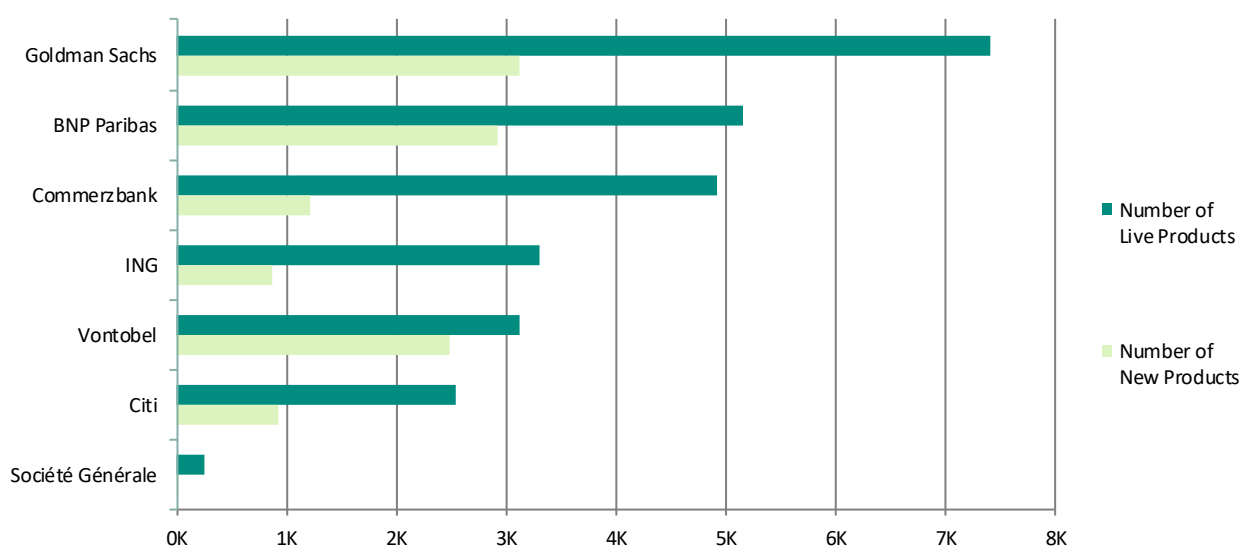
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Goldman Sachs	7,404	7.0%	12.6%	27.7%	3,127	37%	26%	27.1%
BNP Paribas	5,164	11.0%	12.0%	19.3%	2,919	82%	115%	25.3%
Commerzbank	4,920	4.1%	12.4%	18.4%	1,212	85%	48%	10.5%
ING	3,301	0.5%	5.0%	12.4%	863	60%	70%	7.5%
Vontobel	3,124	3.6%	22%	11.7%	2,479	65%	96%	21.5%
Citi	2,546	5.0%	7.5%	9.5%	923	2.4%	55%	8.0%
Société Générale	248	-6.0%	-25%	0.9%	1		-71%	0.0%
Total	26,707	5.6%	11.4%	100%	11,524	53.9%	64.2%	100%

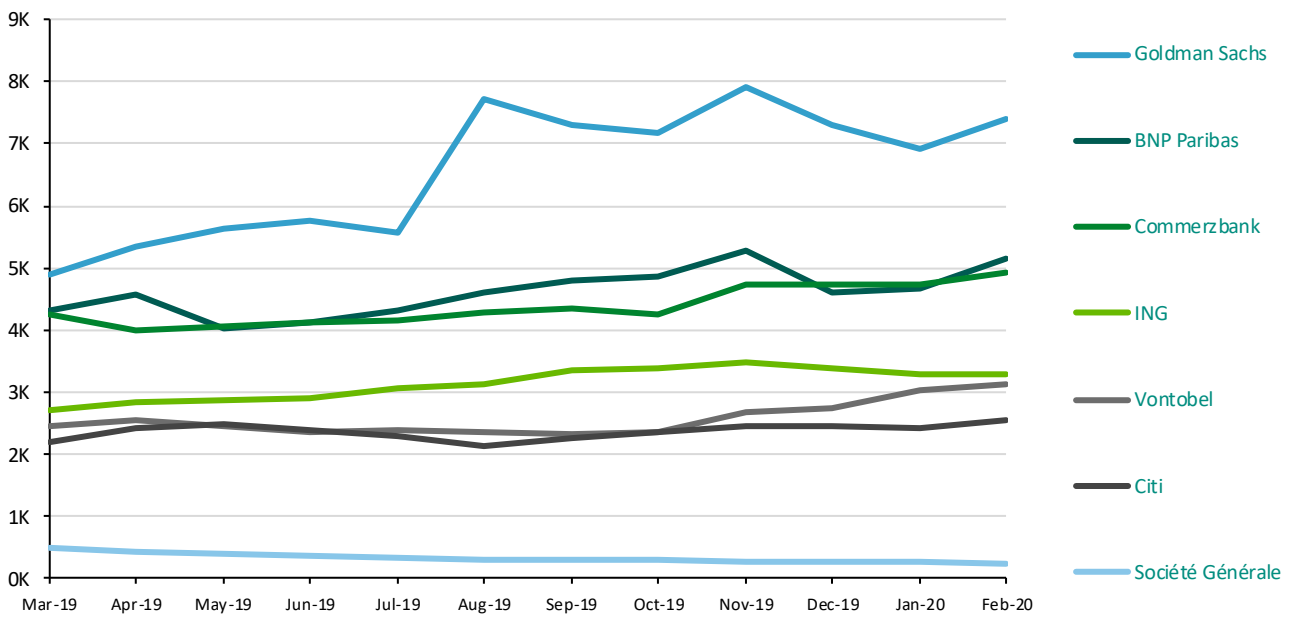
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ISSUERS

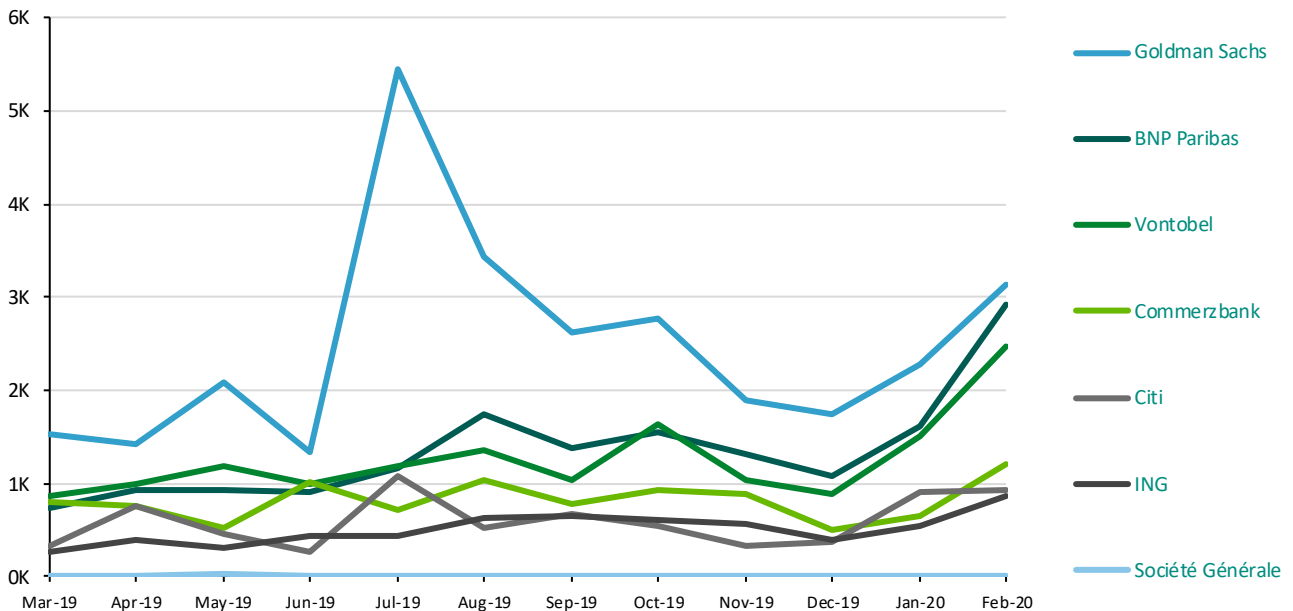
Product Trend: Number of Live Products

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)

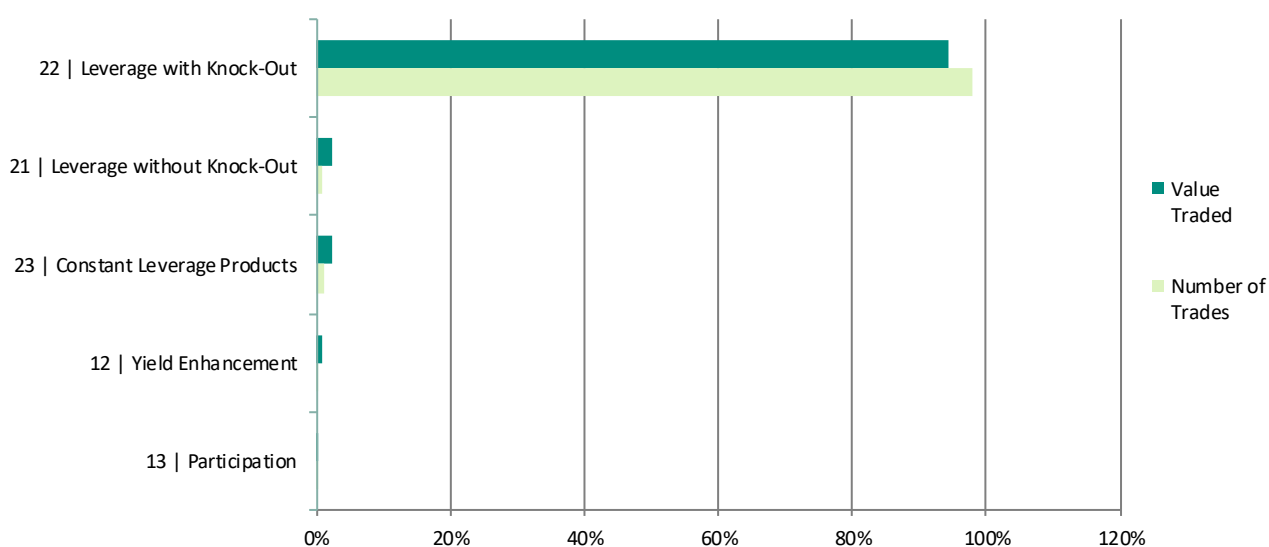
Market Overview

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	27,954	26%	71%	94.5%	10,229	26.5%	53.0%	97.9%
21 Leverage without Knock-Out	671	183%	-44%	2.3%	70	114.8%	-53.0%	0.7%
23 Constant Leverage Products	653	48%	250%	2.2%	114	94.2%	119.1%	1.1%
12 Yield Enhancement	223	49%	18.4%	0.8%	25	77.1%	35.4%	0.2%
13 Participation	87	178%	156%	0.3%	9.0	64.1%	102.7%	0.1%
Total	29,588	28.1%	64.8%	100%	10,447	27.4%	51.2%	100%

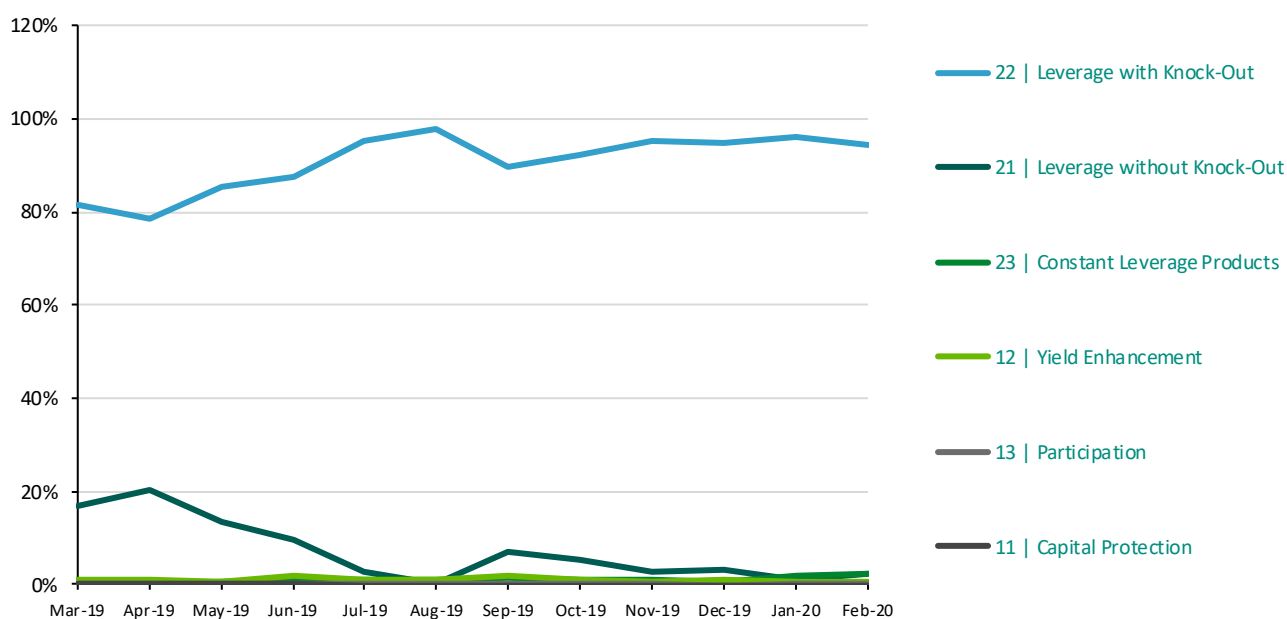
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

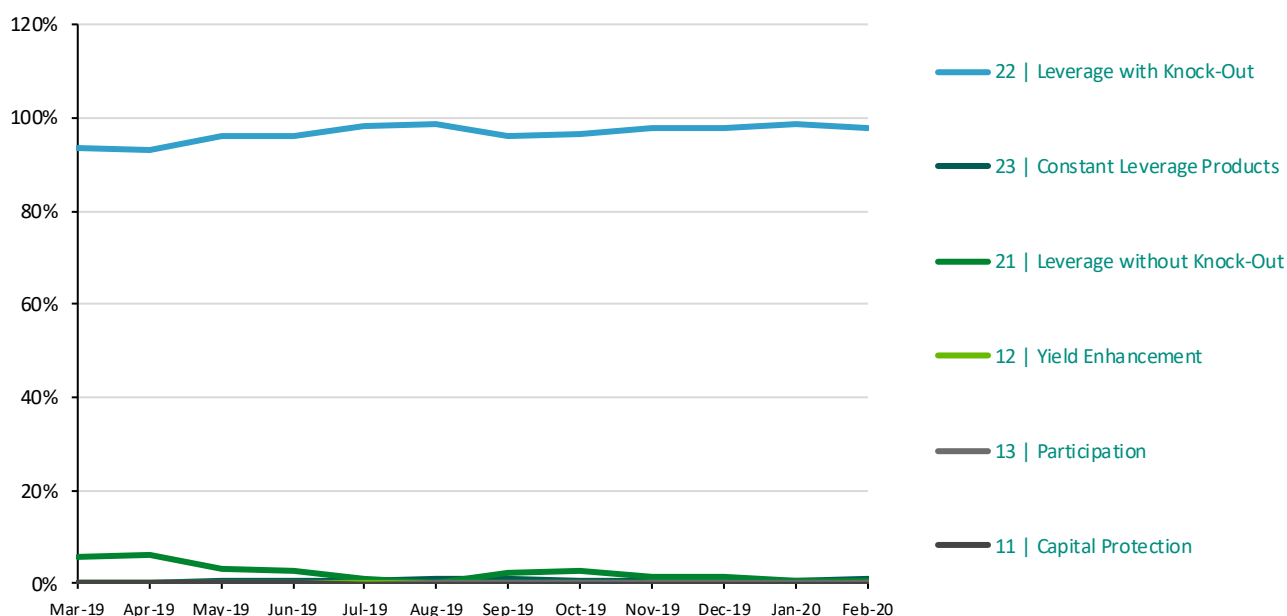
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

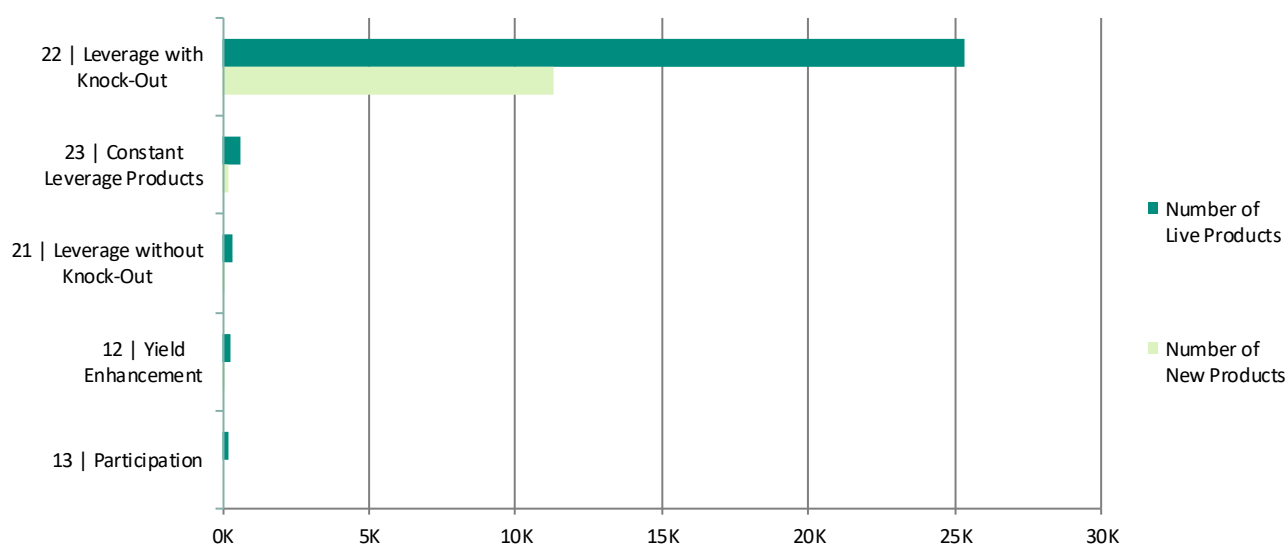
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	25,318	5.1%	10.3%	94.8%	11,274	55%	64%	97.8%
23 Constant Leverage Products	619	19.4%	87%	2.3%	186	127%	282%	1.6%
21 Leverage without Knock-Out	330	12.5%	14.4%	1.2%	45	-11.8%	2.9%	0.4%
12 Yield Enhancement	270	9.6%	5.0%	1.0%	19	-37%	-35%	0.2%
13 Participation	171	12.9%	24%	0.6%	0	-100%	-100%	0.0%
Total	26,707	5.6%	11.4%	100%	11,524	53.9%	64.2%	100%

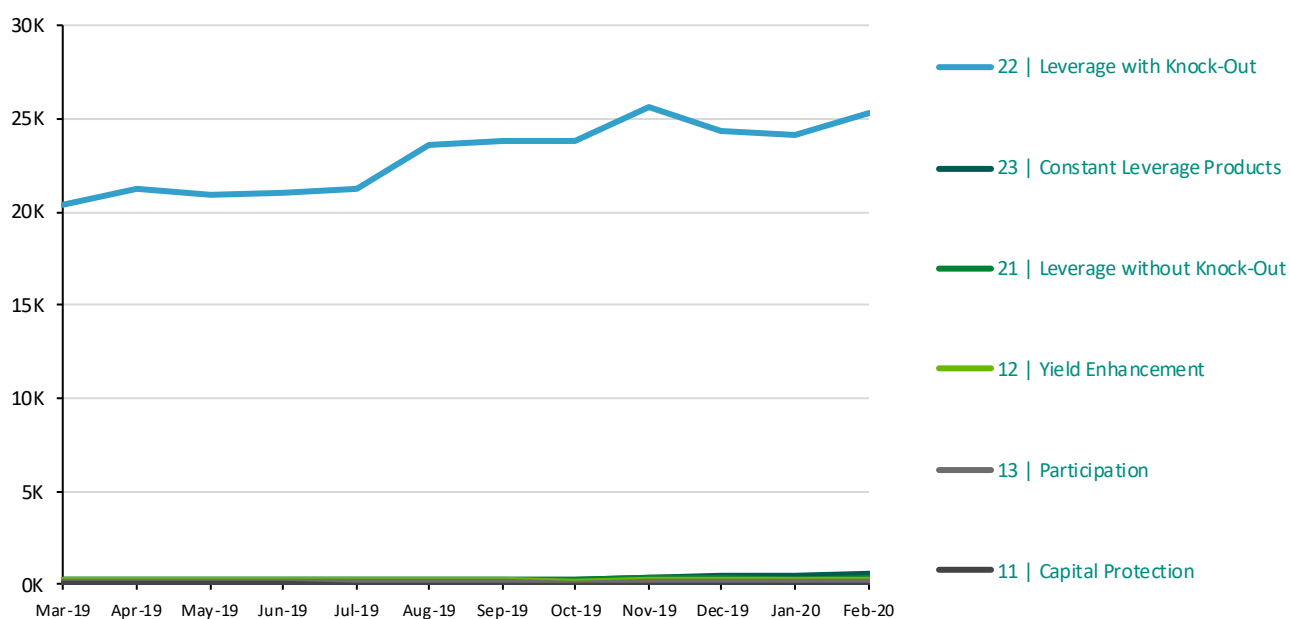
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

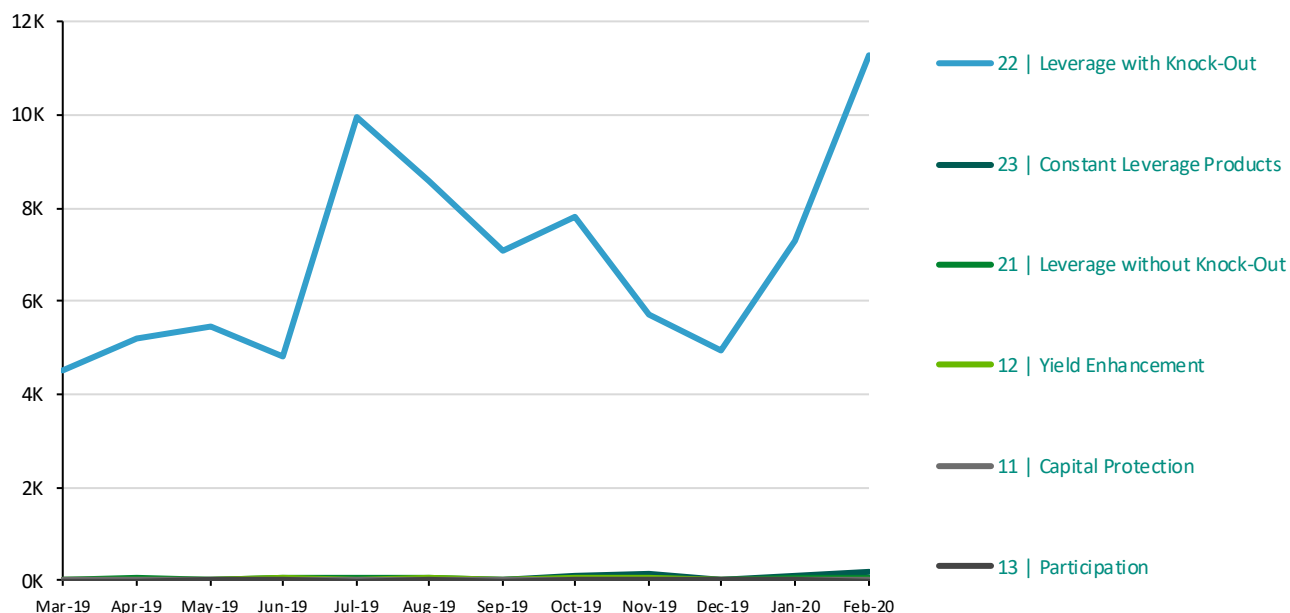
Product Trend: Number of Live Products

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

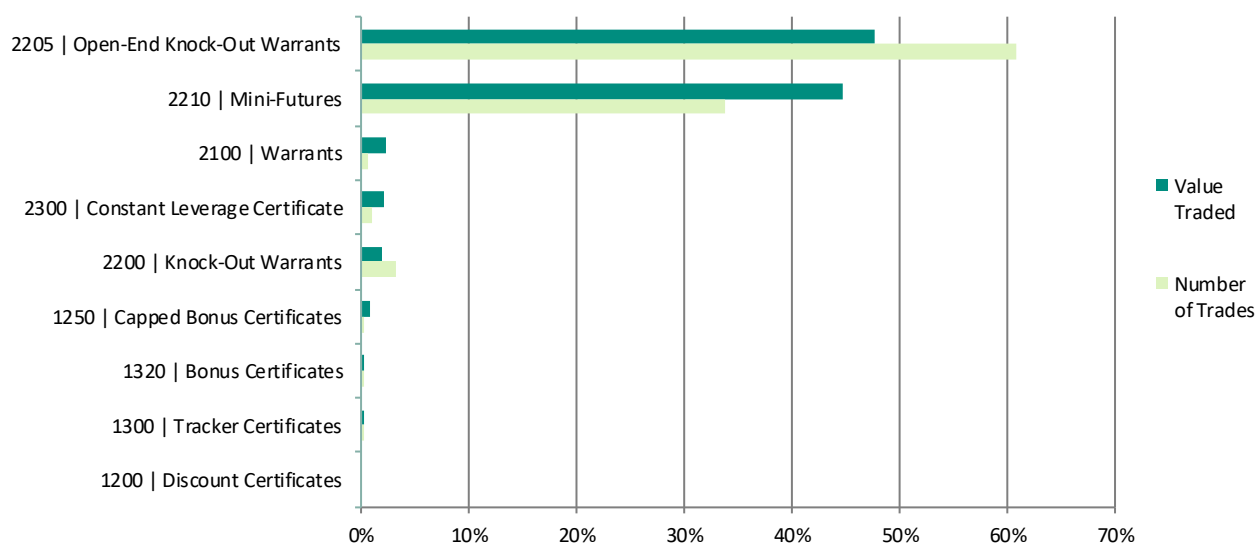
Market Overview

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	14,145	23%	54%	47.8%	6,357	17.2%	42.6%	60.8%
2210 Mini-Futures	13,245	30%	99%	44.8%	3,534	50%	89%	33.8%
2100 Warrants	671	183%	-44%	2.3%	70	115%	-53%	0.7%
2300 Constant Leverage Certificate	653	48%	250%	2.2%	114	94%	119%	1.1%
2200 Knock-Out Warrants	564	-3.6%	21%	1.9%	339	12.2%	-5.7%	3.2%
1250 Capped Bonus Certificates	223	49%	18.4%	0.8%	25	77%	35%	0.2%
1320 Bonus Certificates	51	275%	400%	0.2%	4.8	99%	149%	0.0%
1300 Tracker Certificates	36	104%	52%	0.1%	4.2	36%	67%	0.0%
1200 Discount Certificates	0			0.0%	0.0			0.0%
Total	29,588	28%	65%	100%	10,447	27%	51%	100%

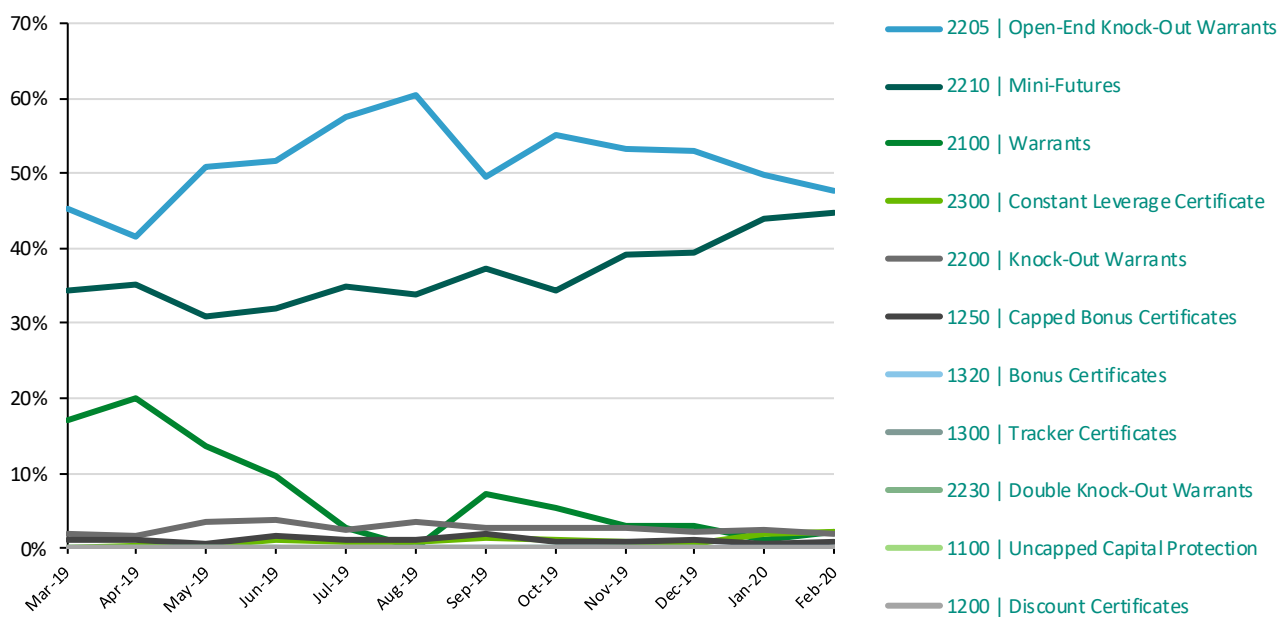
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

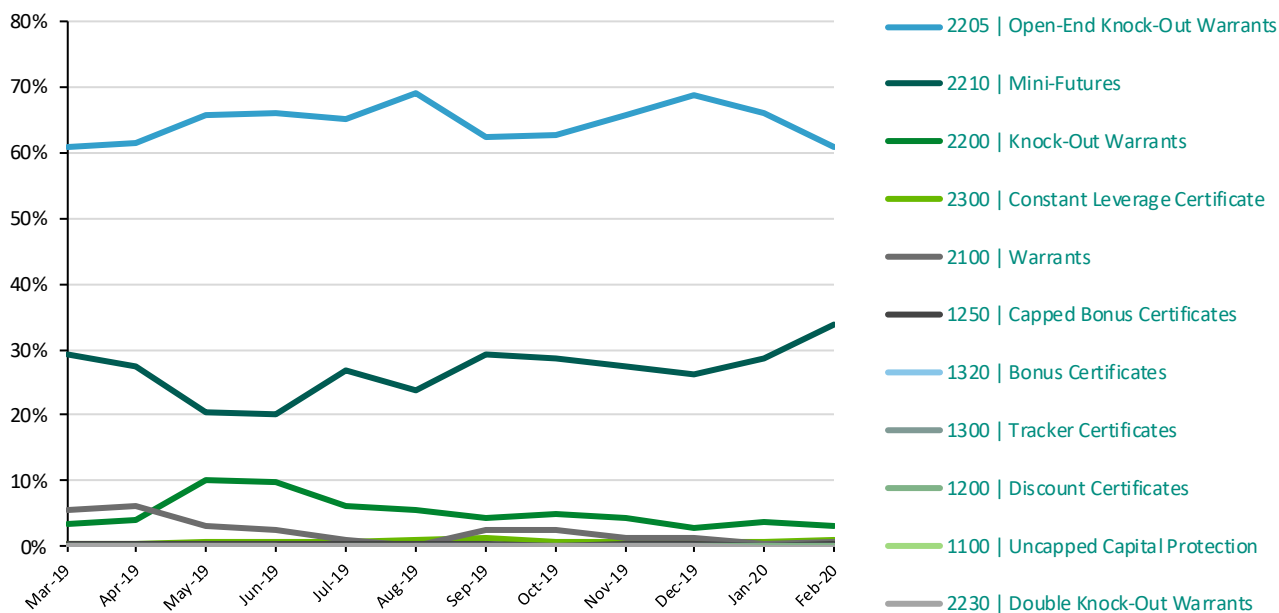
Market Trend: Value traded

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)

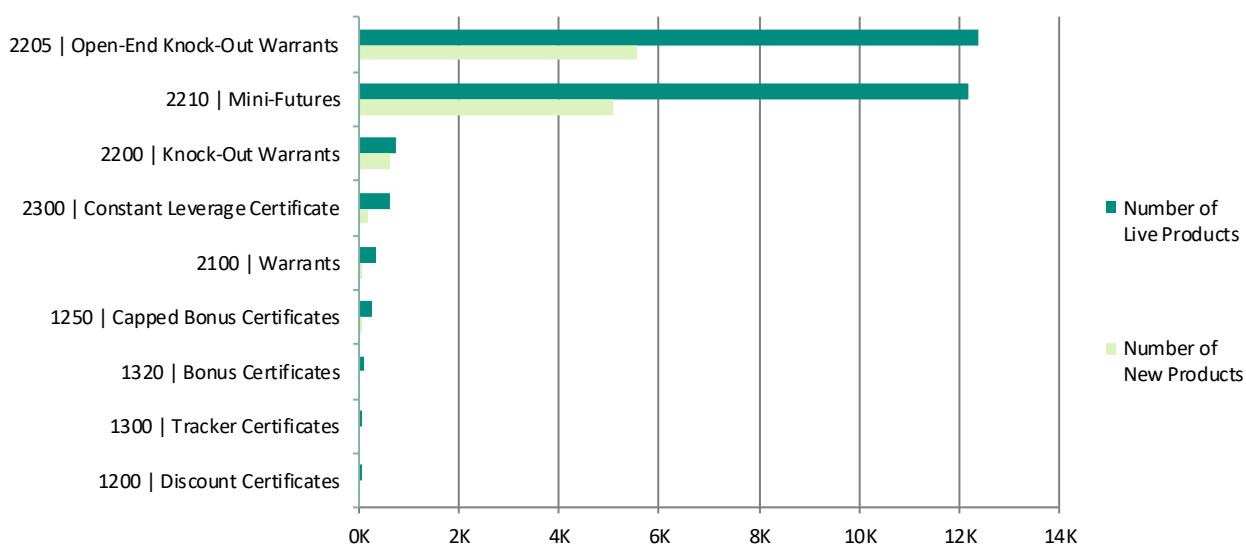
Product Overview

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	12,372	2.5%	11.4%	46.3%	5,562	64%	67%	48.3%
2210 Mini-Futures	12,205	7.6%	11.3%	45.7%	5,080	49%	63%	44.1%
2200 Knock-Out Warrants	742	10.6%	-13.1%	2.8%	632	28%	48%	5.5%
2300 Constant Leverage Certificate	619	19.4%	87%	2.3%	186	127%	282%	1.6%
2100 Warrants	330	12.5%	14.4%	1.2%	45	-11.8%	2.9%	0.4%
1250 Capped Bonus Certificates	263	9.9%	3.8%	1.0%	19	-37%	-34%	0.2%
1320 Bonus Certificates	113	20%	40%	0.4%	0	-100%	-100%	0.0%
1300 Tracker Certificates	58	1.3%	0.7%	0.2%	0		-100%	0.0%
1200 Discount Certificates	7	0.0%	87%	0.0%	0		-100%	0.0%
Total	26,707	5.6%	11.4%	100%	11,524	54%	64%	100%

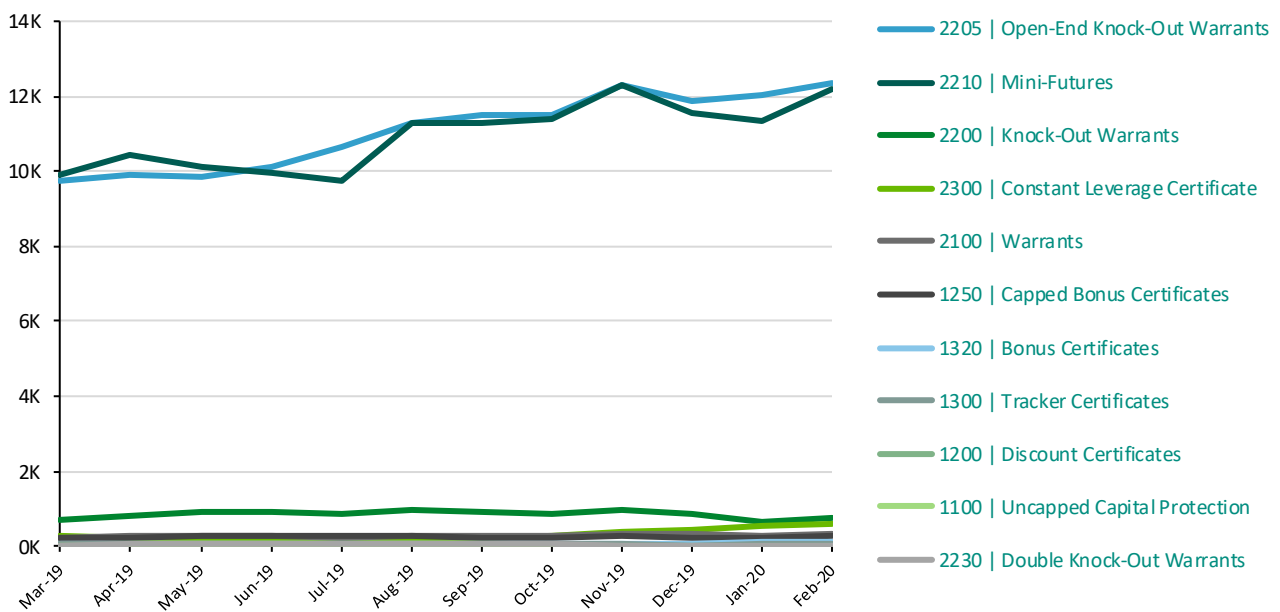
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

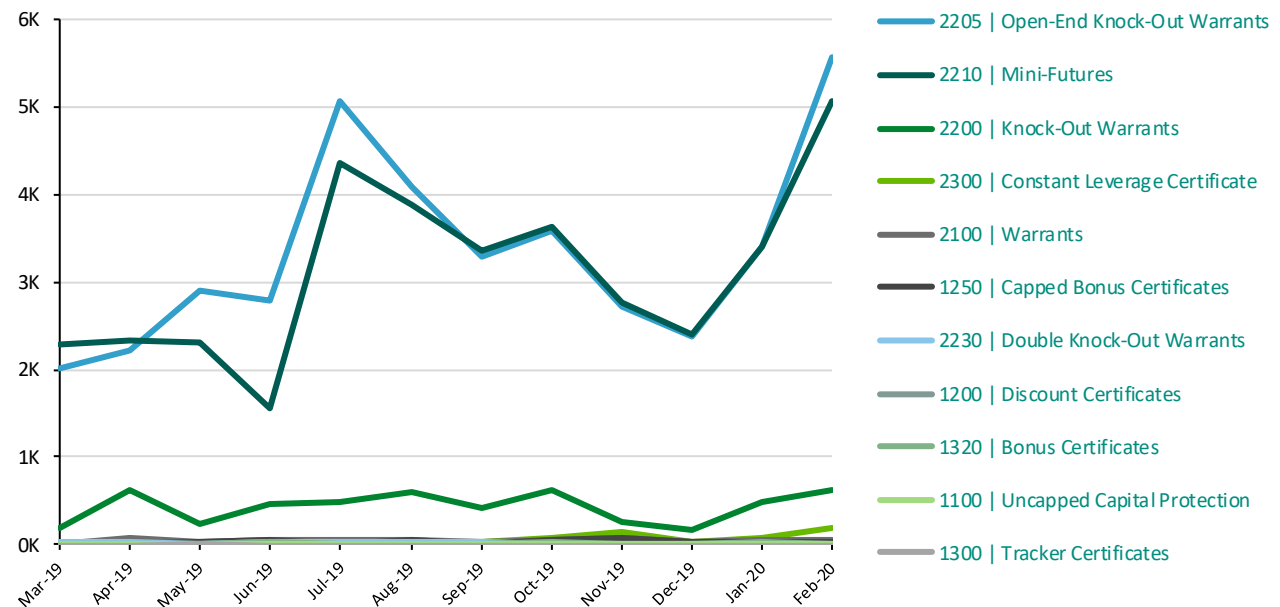
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

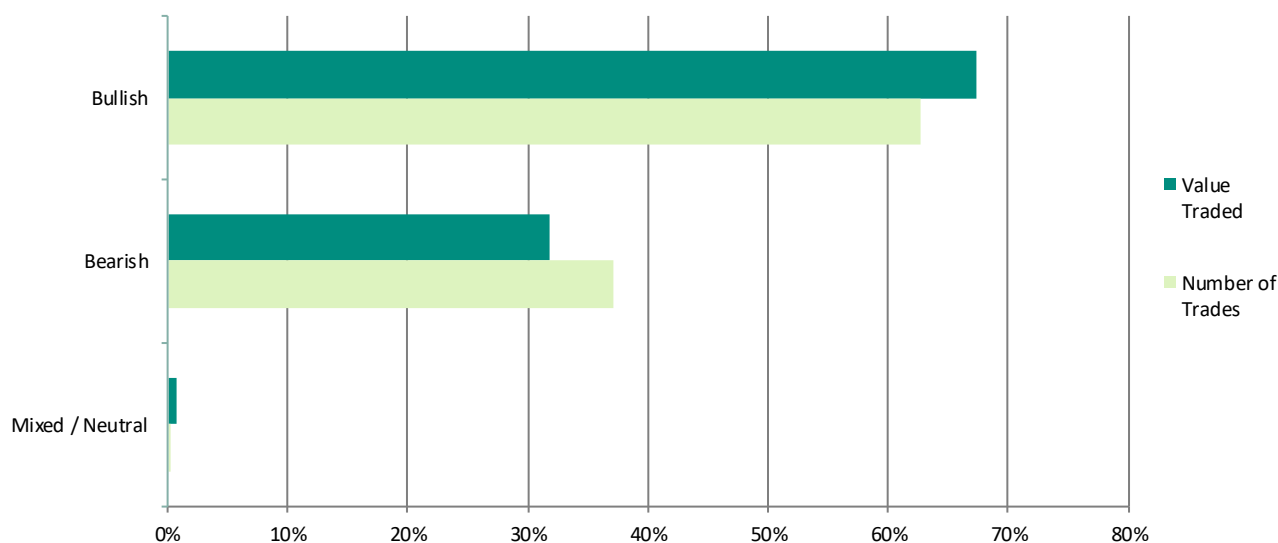
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	19,949	30%	62%	67.4%	6,545	31.7%	52.1%	62.6%
Bearish	9,416	23%	72%	31.8%	3,877	21%	50%	37.1%
Mixed / Neutral	223	49%	18.2%	0.8%	25	77%	31%	0.2%
Total	29,588	28.1%	64.8%	100%	10,447	27.4%	51.2%	100%

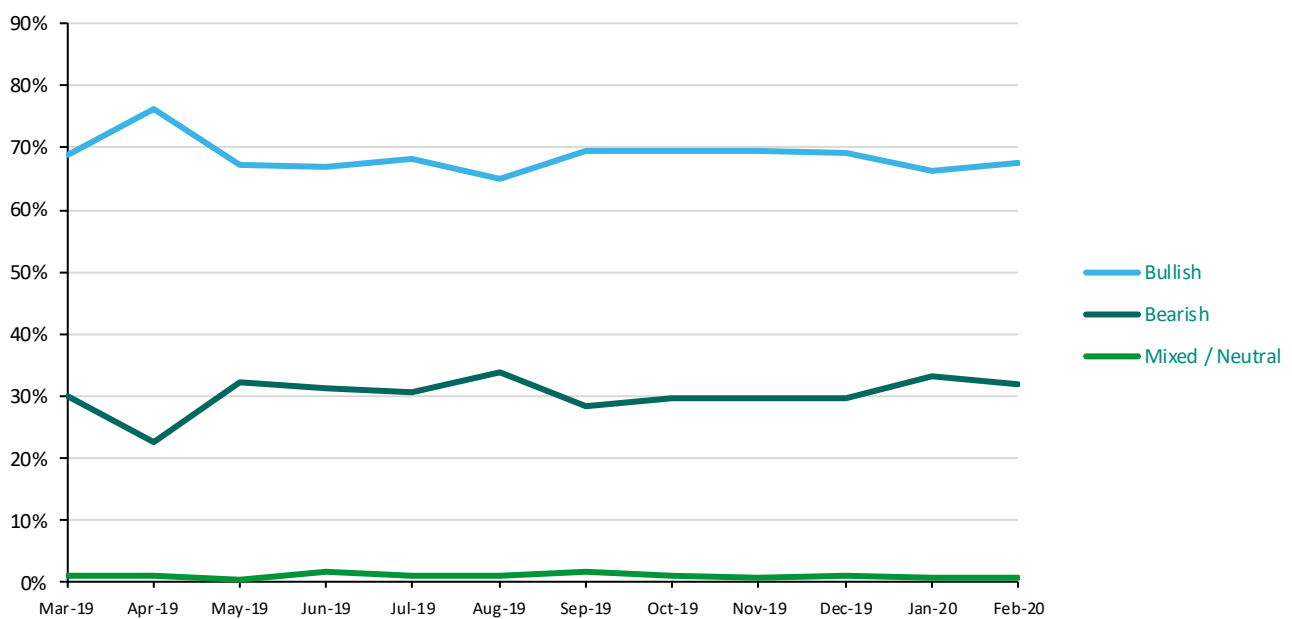
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PRODUCT STRATEGIES

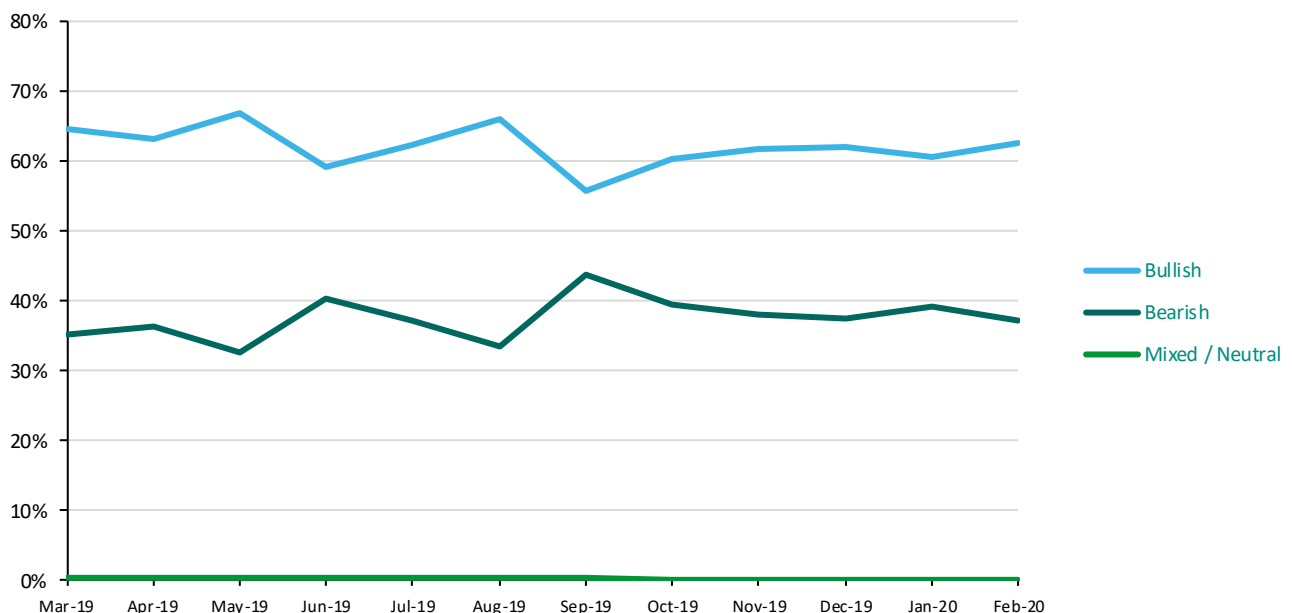
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

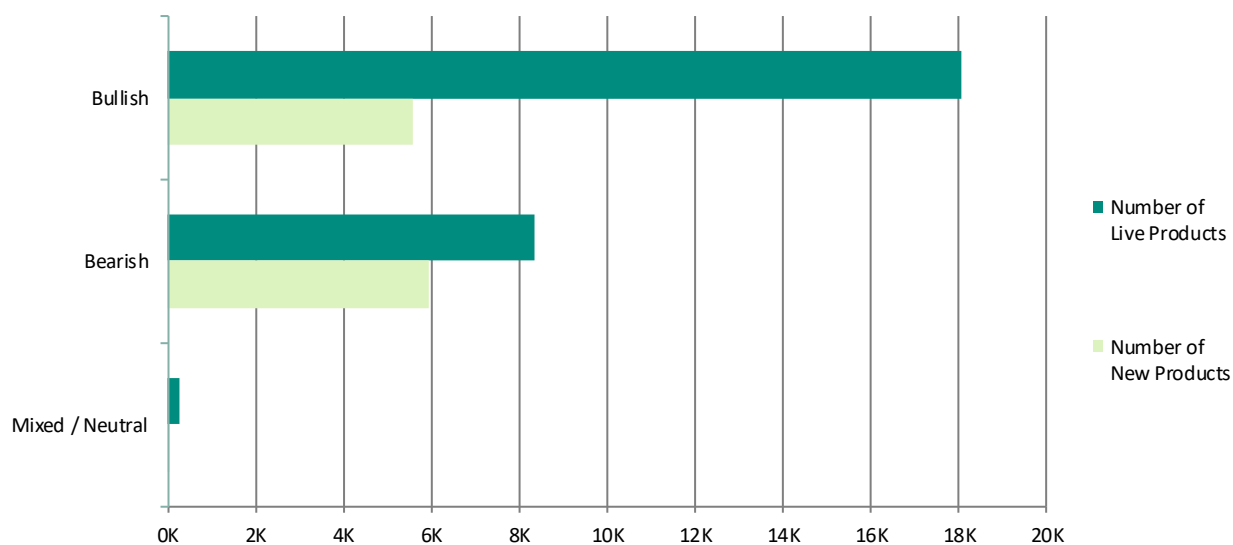
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	18,082	0.2%	12.8%	67.7%	5,581	53%	41%	48.4%
Bearish	8,355	19.4%	9.1%	31.3%	5,924	56%	96%	51.4%
Mixed / Neutral	271	7.1%	-7.5%	1.0%	19	-37%	-55%	0.2%
Total	26,707	5.6%	11.4%	100%	11,524	53.9%	64.2%	100%

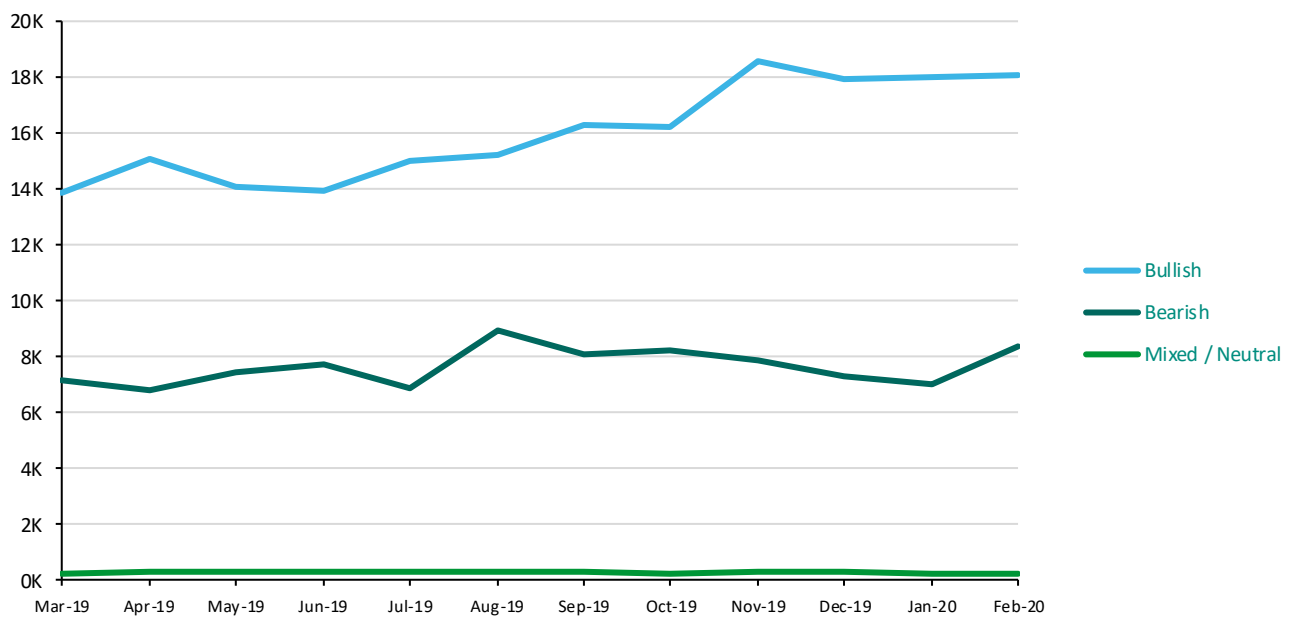
(Source Euronext)



PRODUCT STRATEGIES

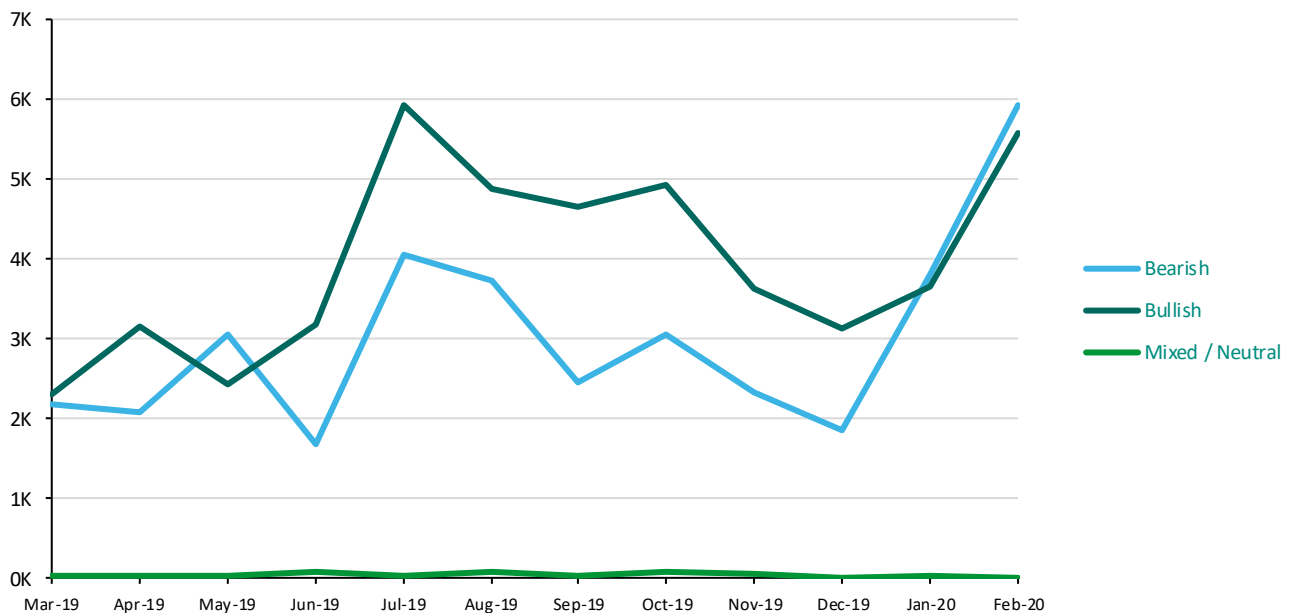
Product Trend: Number of Live Products

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

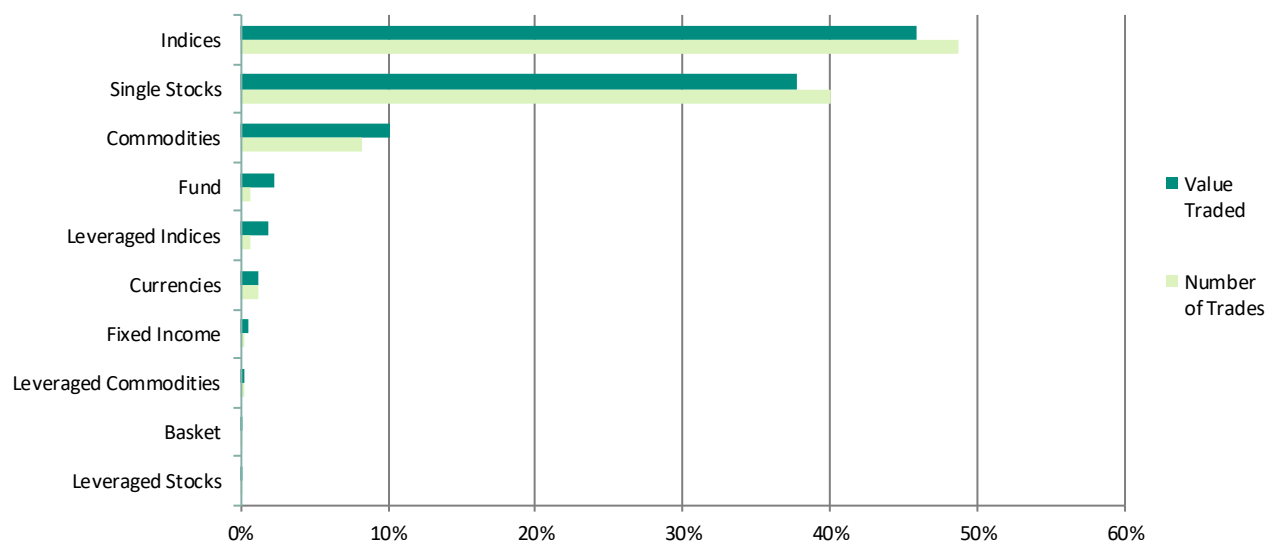
Market Overview

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	13,581	27%	63%	45.9%	5,095	21.8%	43.3%	48.8%
Single Stocks	11,180	33%	92%	37.8%	4,189	34.3%	73.8%	40.1%
Commodities	3,014	-1.5%	43%	10.2%	864	20.9%	37.5%	8.3%
Fund	660	194%	-45%	2.2%	66	117.7%	-55.5%	0.6%
Leveraged Indices	565	53%	347%	1.9%	70	120.0%	221.6%	0.7%
Currencies	366	59%	27%	1.2%	120	30.2%	4.8%	1.2%
Fixed Income	136	109%	261%	0.5%	20	73.5%	30.5%	0.2%
Leveraged Commodities	60	5.3%	84%	0.2%	21	42.5%	61.6%	0.2%
Basket	26	176%	73%	0.1%	1.9	81.7%	57.6%	0.0%
Leveraged Stocks	0	153%	865%	0.0%	0.1	-45.0%	361.7%	0.0%
Total	29,588	28.1%	64.8%	100%	10,447	27.4%	51.2%	100%

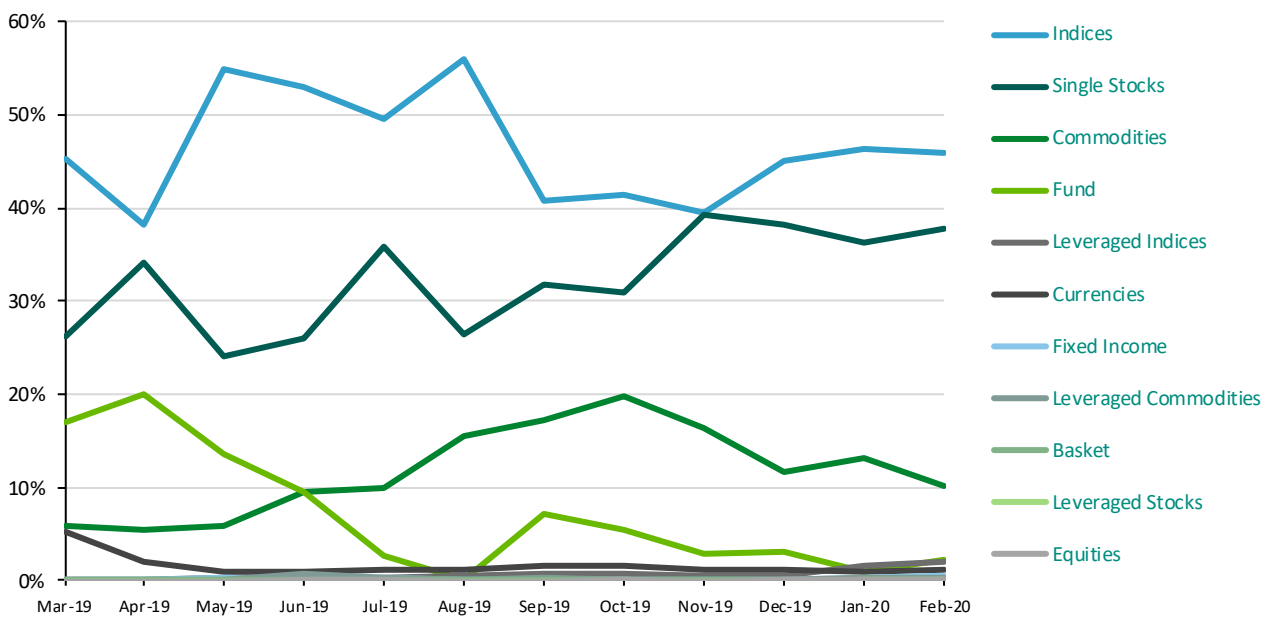
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UNDERLYING TYPES

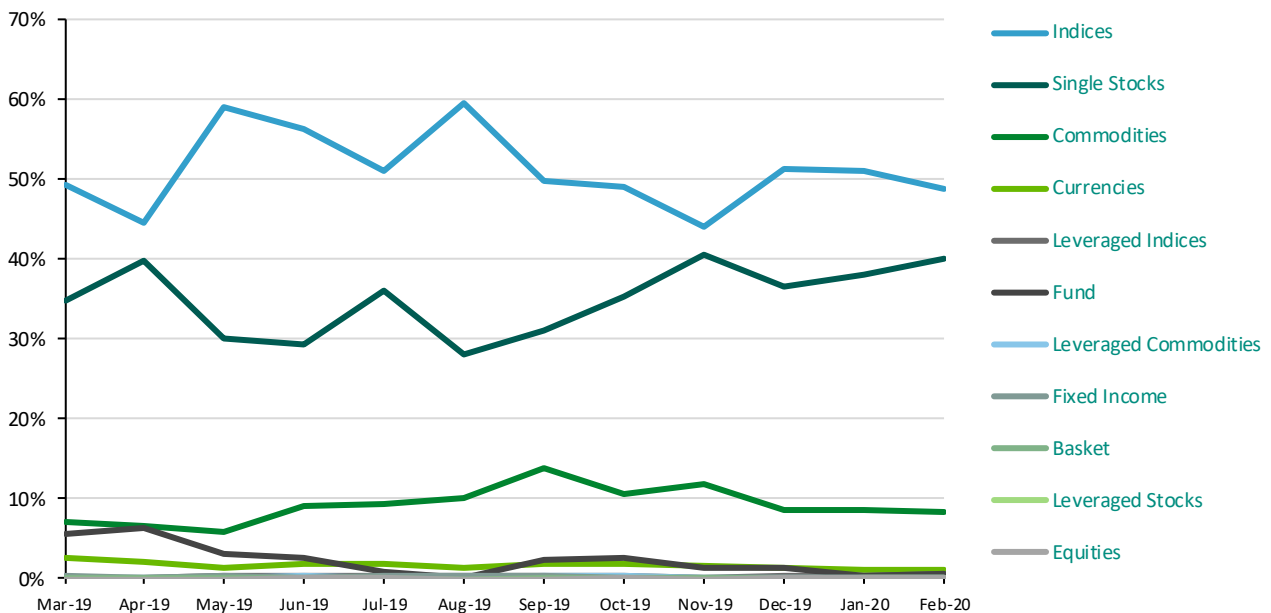
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

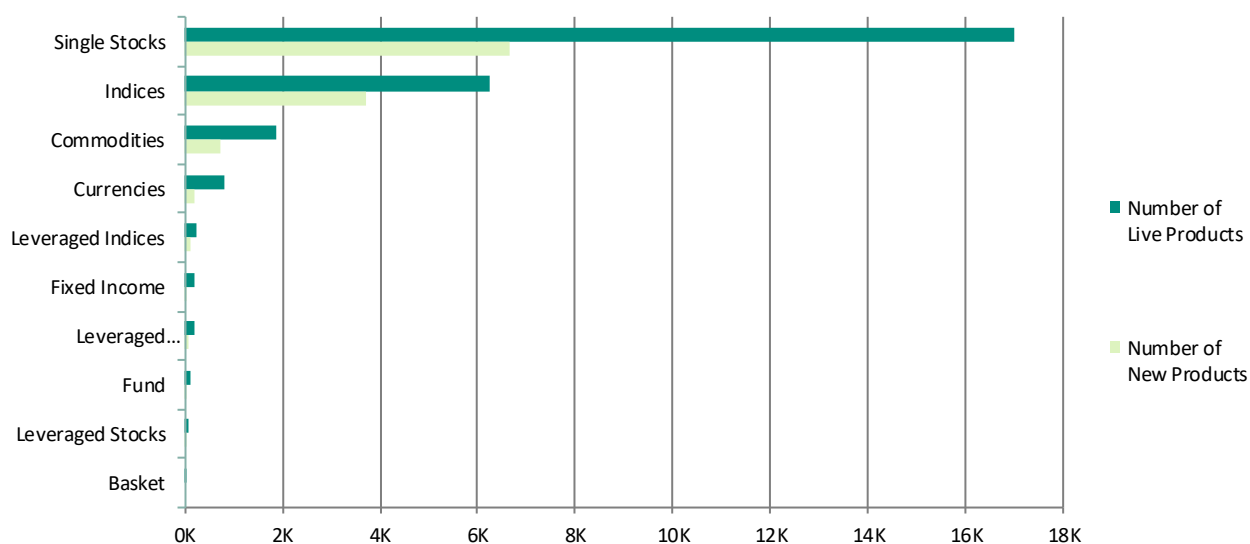
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Single Stocks	16,989	4.8%	17.8%	63.6%	6,662	31%	50%	57.8%
Indices	6,233	6.9%	-1.4%	23.3%	3,731	155%	102%	32.4%
Commodities	1,863	7.4%	7.6%	7.0%	743	1.9%	52%	6.4%
Currencies	813	1.2%	-14.5%	3.0%	189	52%	11.1%	1.6%
Leveraged Indices	238	22%	85%	0.9%	92	197%	391%	0.8%
Fixed Income	213	-6.4%	-13.6%	0.8%	10	11.1%	-56%	0.1%
Leveraged Commodities	191	32%	182%	0.7%	60	22%	267%	0.5%
Fund	93	2.8%	14.5%	0.3%	3	0.0%	16.1%	0.0%
Leveraged Stocks	55	33%	310%	0.2%	34	NA	380%	0.3%
Basket	14	3.0%	0.9%	0.1%	0			0.0%
Total	26,707	5.6%	11.4%	100%	11,524	53.9%	64.2%	100%

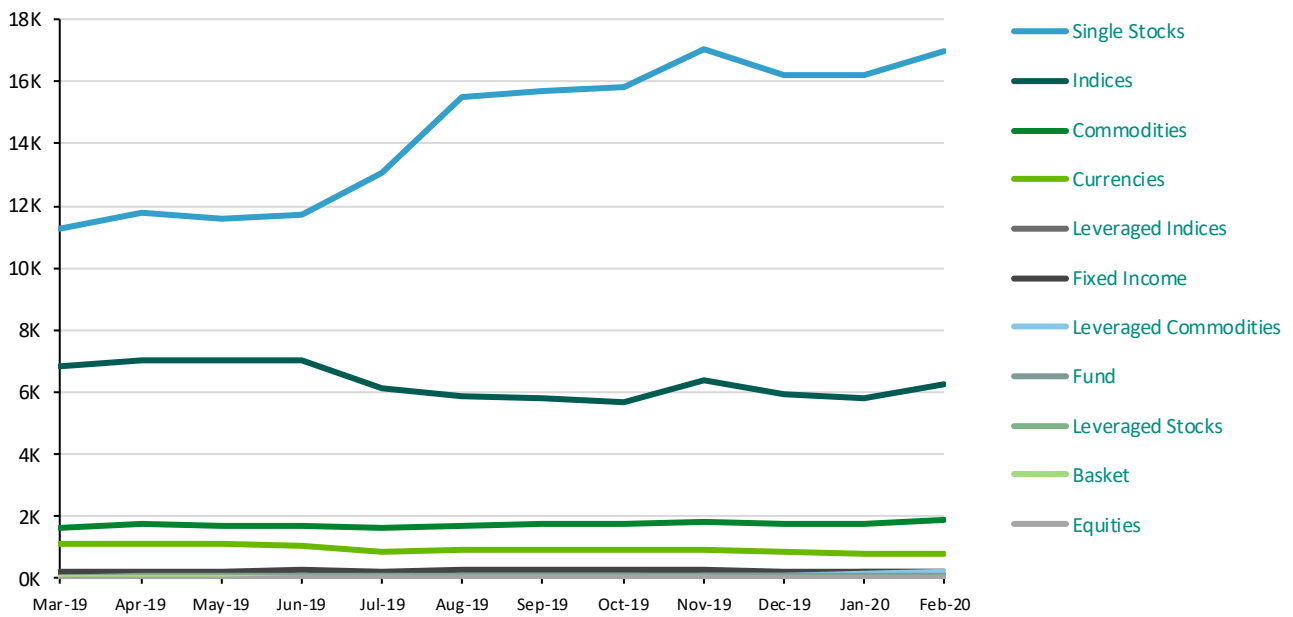
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UNDERLYING TYPES

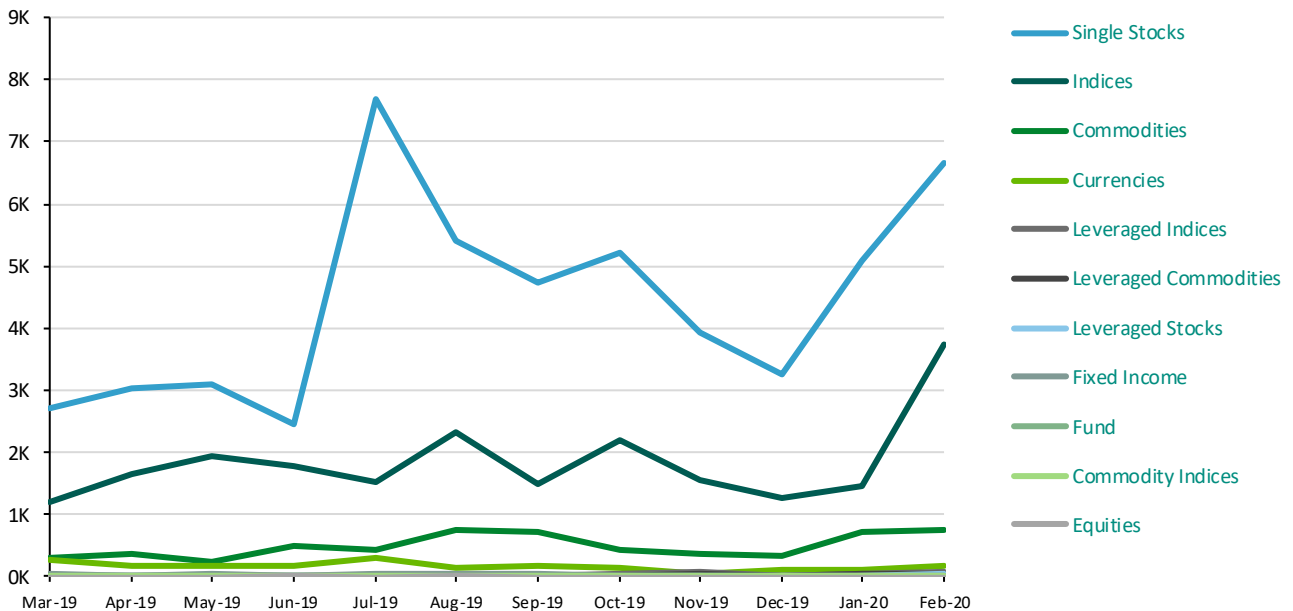
Product Trend: Number of Live Products

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

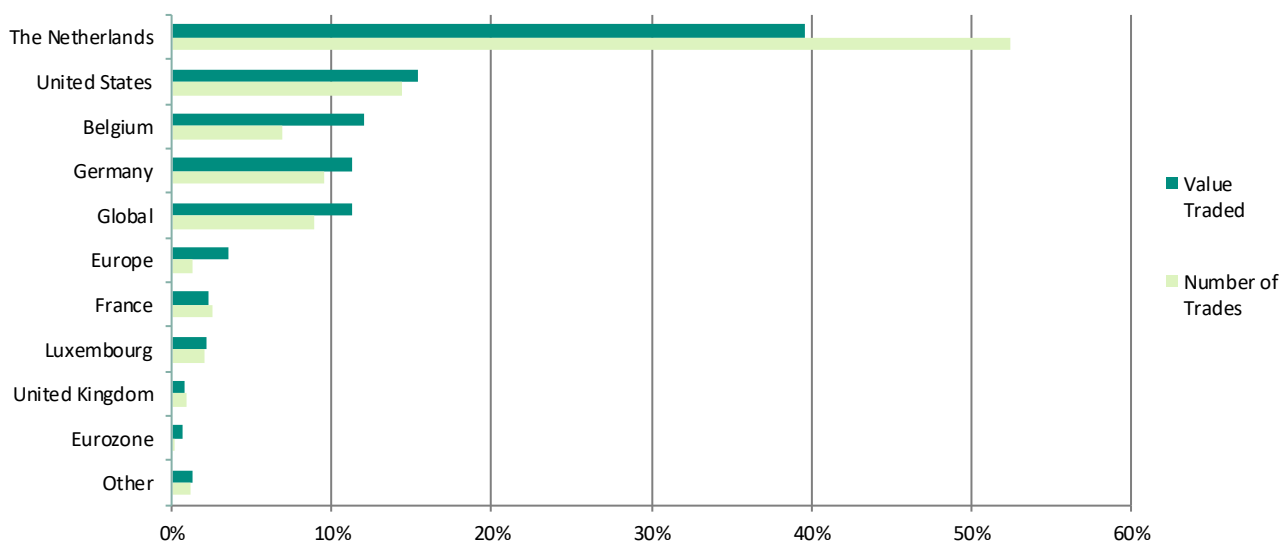
Market Overview

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	11,727	26%	57%	39.6%	5,483	27.3%	55.4%	52.5%
United States	4,556	46%	113%	15.4%	1,507	37%	81%	14.4%
Belgium	3,539	98%	147%	12.0%	719	76%	96%	6.9%
Germany	3,335	10.1%	71%	11.3%	997	5.3%	24%	9.5%
Global	3,328	3.3%	45%	11.2%	934	24%	39%	8.9%
Europe	1,040	173%	-24%	3.5%	126	146%	-28%	1.2%
France	655	8.2%	76%	2.2%	259	33%	53%	2.5%
Luxembourg	616	-8.6%	33%	2.1%	206	0.1%	5.0%	2.0%
United Kingdom	241	-53%	21%	0.8%	86	-29%	26%	0.8%
Eurozone	181	-22%	387%	0.6%	5.4	24%	460%	0.1%
Other	370	61%	57%	1.3%	125	22%	37%	1.2%
Total	29,588	28.1%	64.8%	100%	10,447	27.4%	51.2%	100%

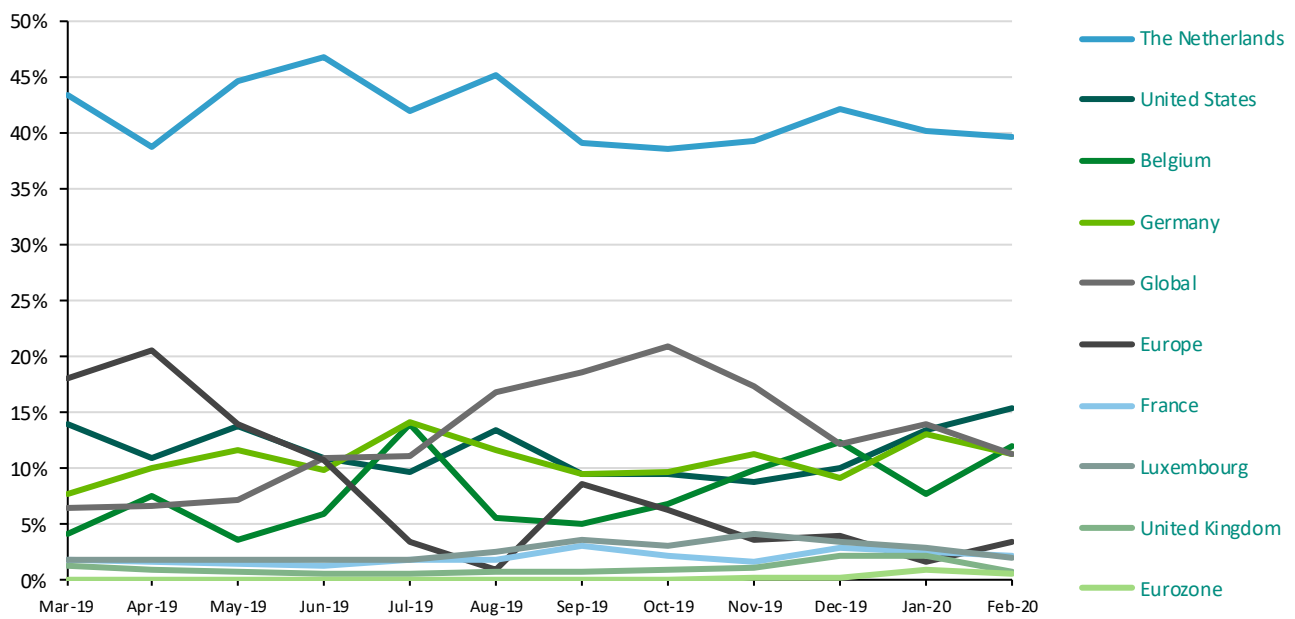
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

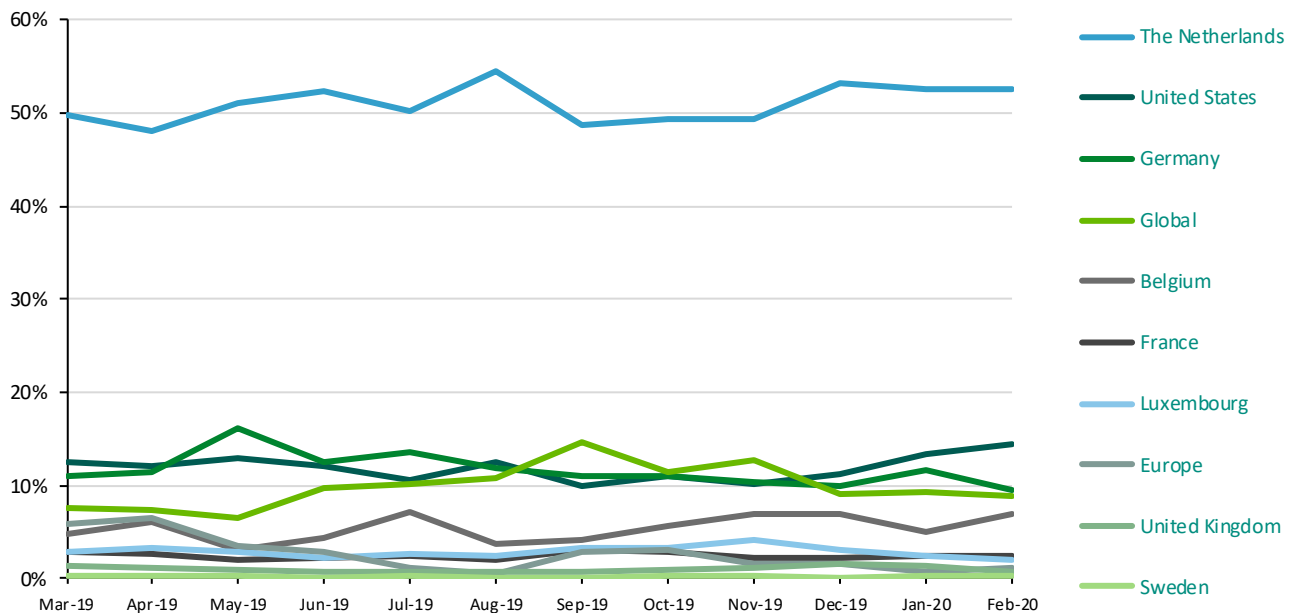
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

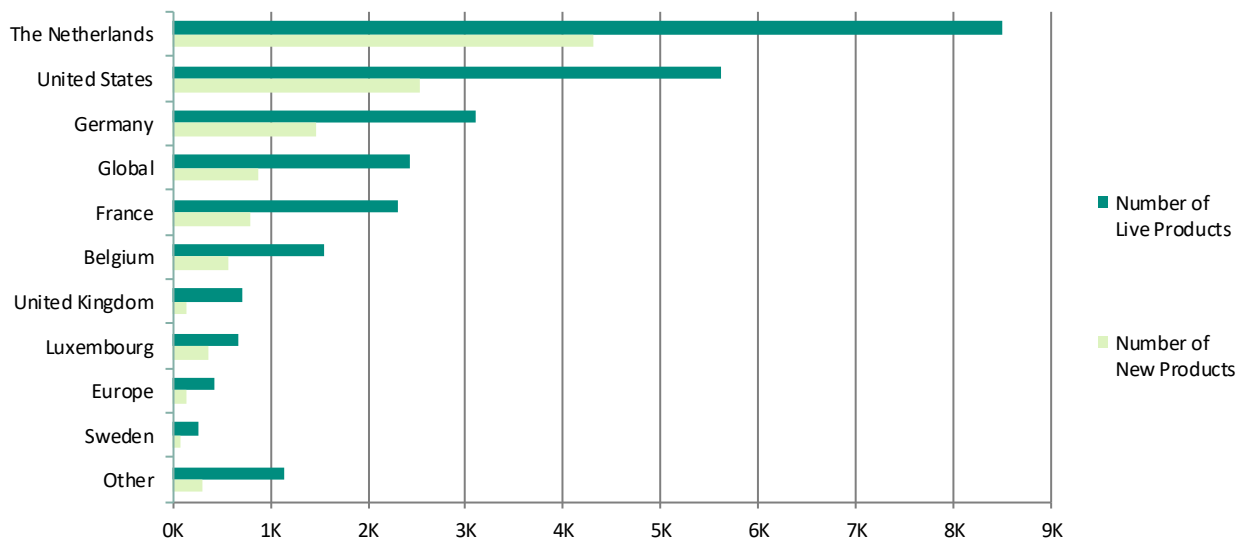
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
The Netherlands	8,500	4.0%	8.0%	31.8%	4,315	103%	88%	37.4%
United States	5,612	7.4%	14.3%	21.0%	2,526	35%	61%	21.9%
Germany	3,104	5.2%	13.6%	11.6%	1,461	43%	52%	12.7%
Global	2,428	8.3%	13.0%	9.1%	878	6.6%	57%	7.6%
France	2,306	5.9%	11.4%	8.6%	791	43%	42%	6.9%
Belgium	1,544	6.3%	15.1%	5.8%	559	48%	60%	4.9%
United Kingdom	706	1.4%	11.2%	2.6%	136	0.0%	-0.9%	1.2%
Luxembourg	672	7.6%	20%	2.5%	356	50%	33%	3.1%
Europe	427	6.4%	6.3%	1.6%	128	113%	98%	1.1%
Sweden	263	8.6%	14.6%	1.0%	78	8.3%	17.1%	0.7%
Other	1,147	3.4%	6.0%	4.3%	296	44%	53%	2.6%
Total	26,707	5.6%	11.4%	100%	11,524	53.9%	64.2%	100%

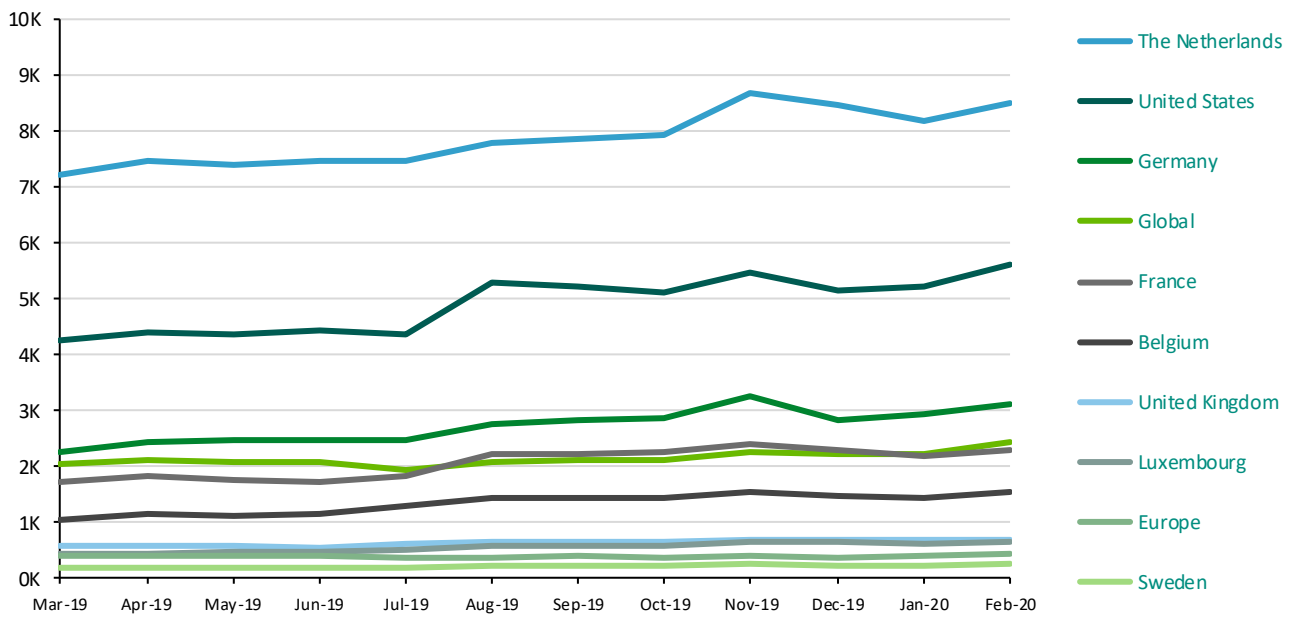
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

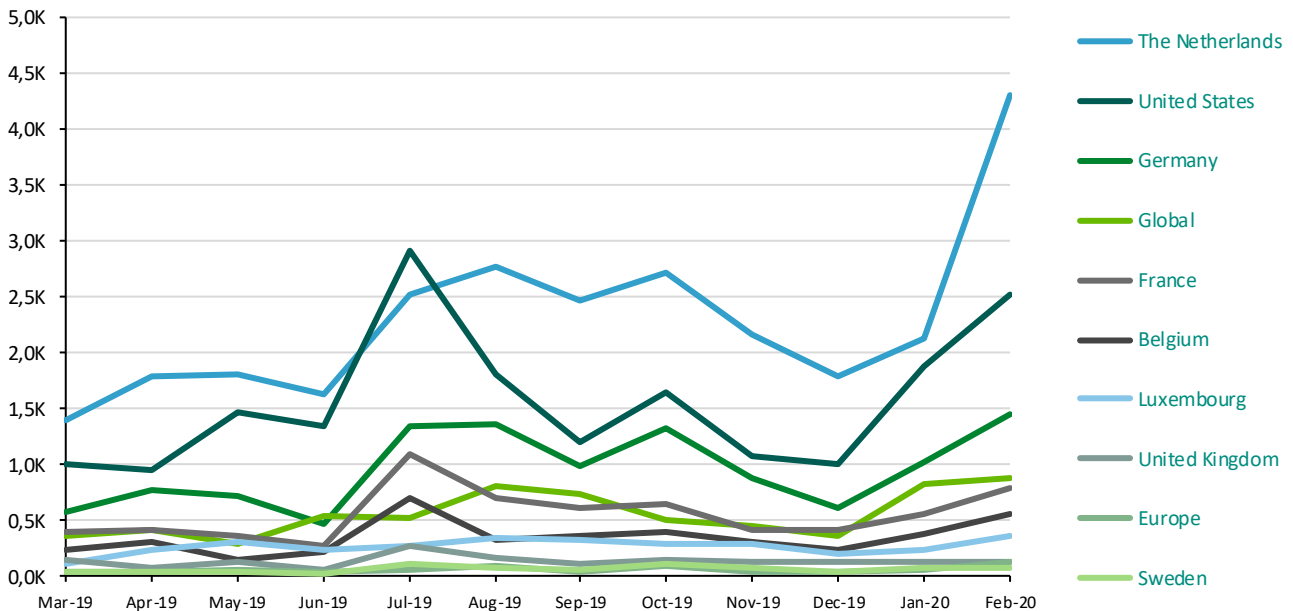
Product Trend: Number of Live Products

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

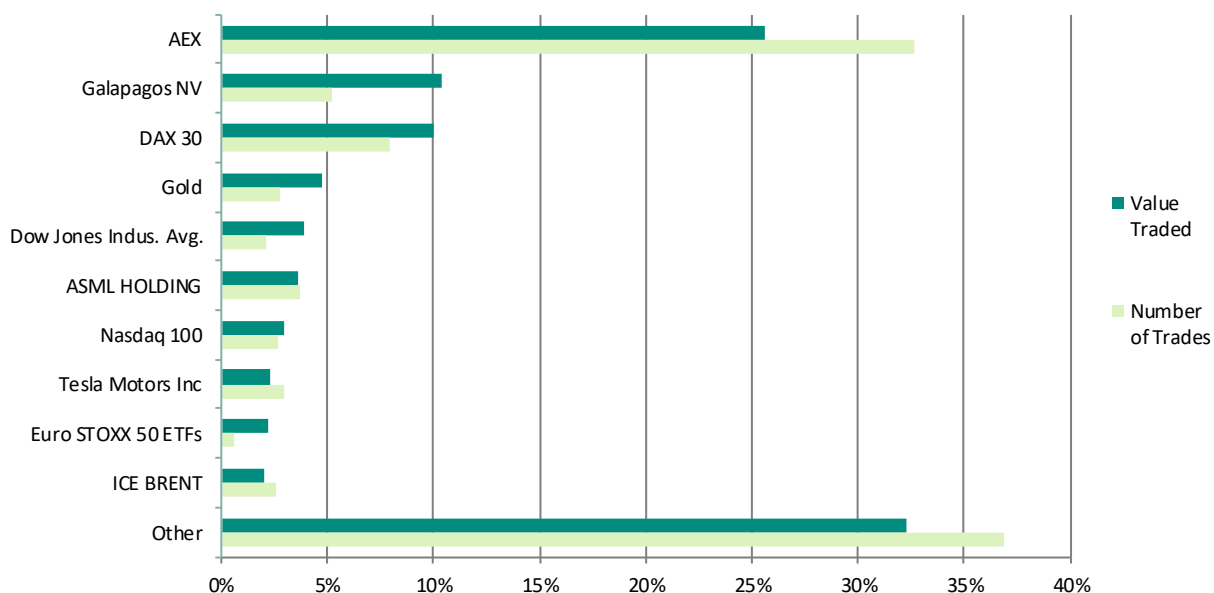
Market Overview

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	7,584	26%	55%	25.6%	3,416	22.5%	49.9%	32.7%
Galapagos NV	3,083	124%	170%	10.4%	541	82%	112%	5.2%
DAX 30	2,952	10.2%	73%	10.0%	831	1.4%	19.2%	8.0%
Gold	1,405	-5.9%	37%	4.7%	287	25%	24%	2.7%
Dow Jones Indus. Avg.	1,165	36%	110%	3.9%	215	18.3%	14.1%	2.1%
ASML HOLDING	1,058	16.7%	95%	3.6%	386	14.3%	100%	3.7%
Nasdaq 100	862	45%	64%	2.9%	282	52%	54%	2.7%
Tesla Motors Inc	670	32%	207%	2.3%	306	36%	226%	2.9%
Euro STOXX 50 ETFs	660	194%	-45%	2.2%	66	118%	-55%	0.6%
ICE BRENT	600	-28%	21%	2.0%	265	40%	51%	2.5%
Other	9,549	26%	70%	32.3%	3,852	32%	56%	36.9%
Total	29,588	28.1%	64.8%	100%	10,447	27.4%	51.2%	100%

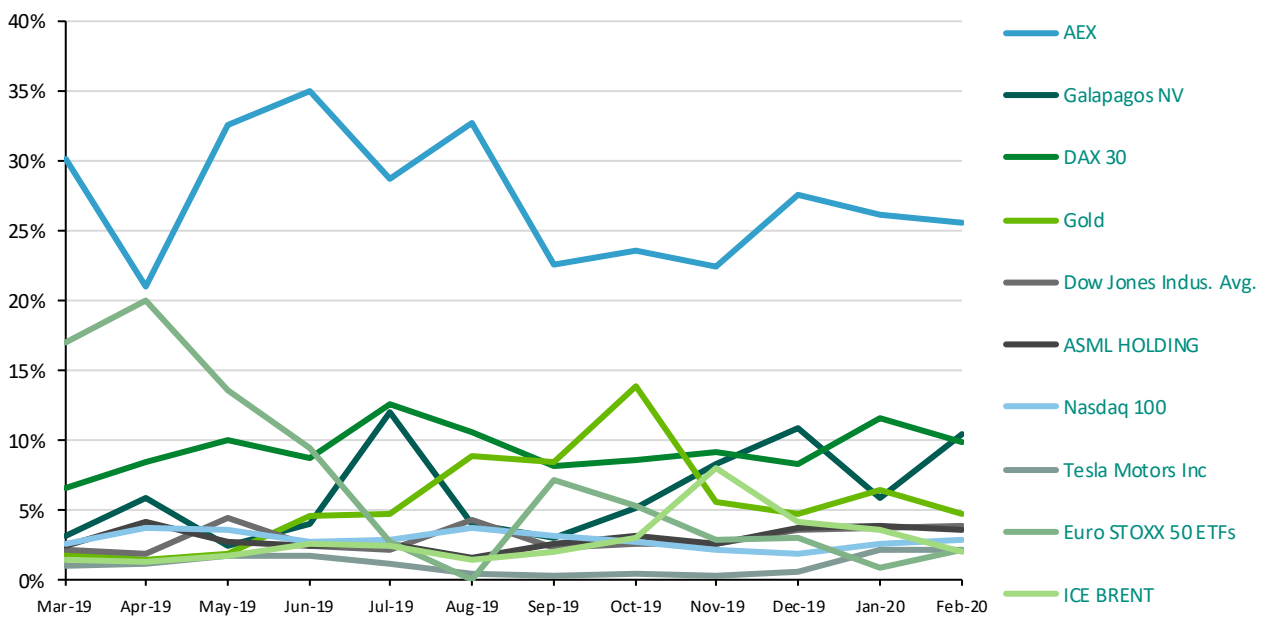
(Source Euronext)



TOP 10 UNDERLYINGS

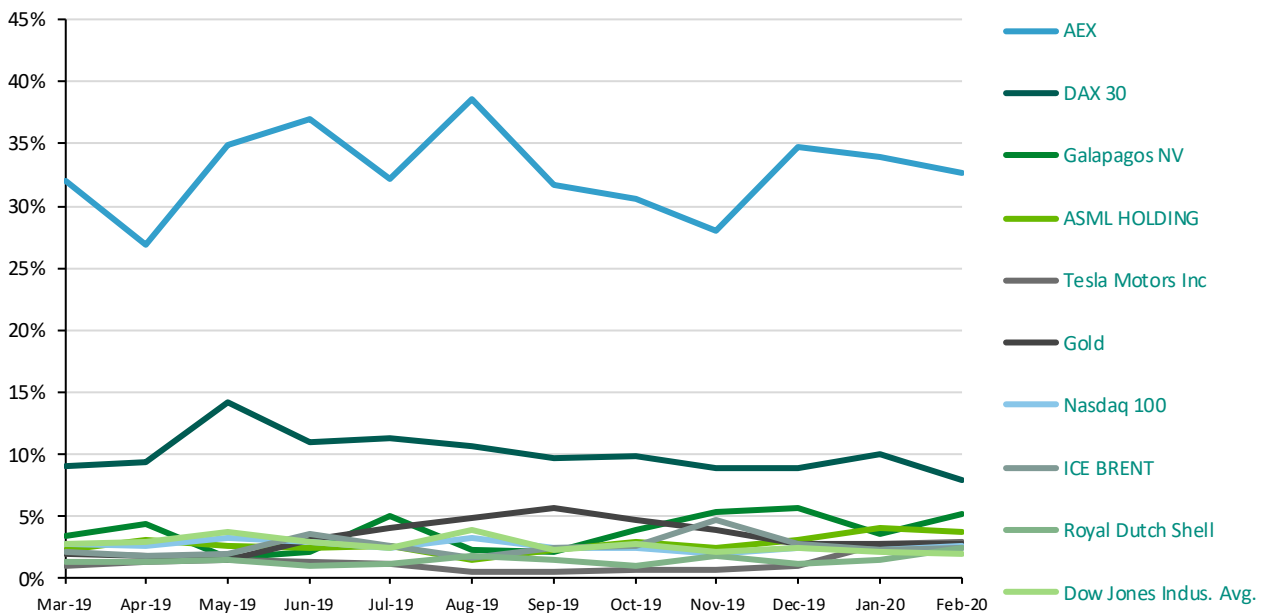
Market Trend: Value traded

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

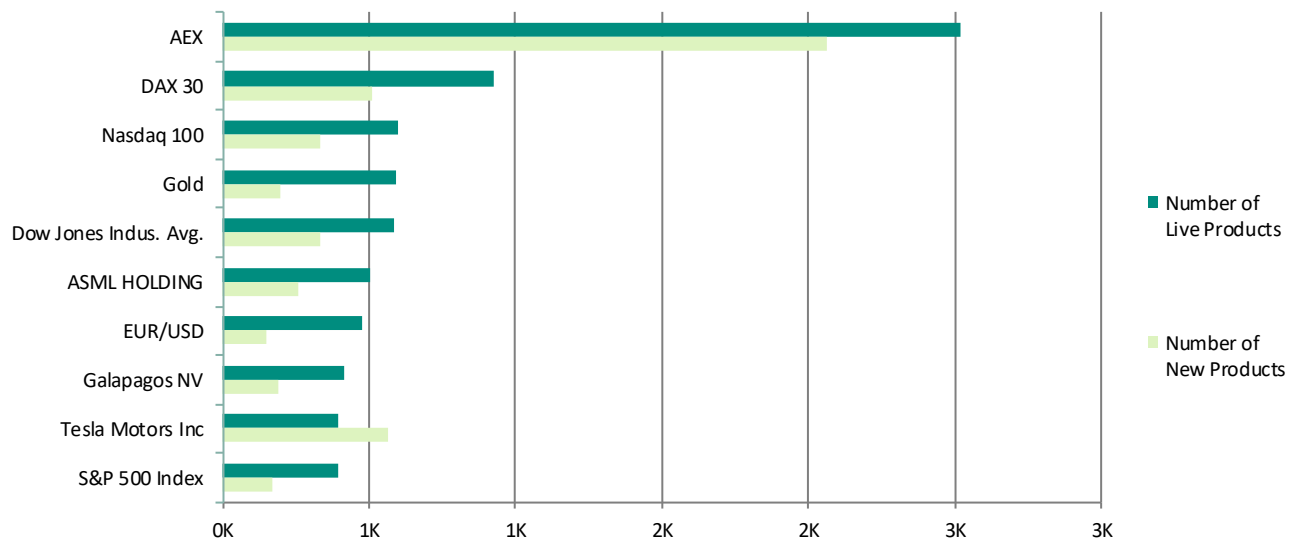
Product Overview

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	2,522	7.5%	6.2%	9.4%	2,062	237%	142%	17.9%
DAX 30	924	6.9%	-3.2%	3.5%	509	92%	72%	4.4%
Nasdaq 100	597	15.1%	4.7%	2.2%	335	75%	76%	2.9%
Gold	594	6.1%	9.8%	2.2%	195	10.2%	78%	1.7%
Dow Jones Indus. Avg.	584	3.7%	-15.1%	2.2%	330	98%	53%	2.9%
ASML HOLDING	506	5.3%	13.1%	1.9%	255	116%	76%	2.2%
EUR/USD	476	3.1%	-7.8%	1.8%	148	74%	63%	1.3%
Galapagos NV	415	14.4%	47%	1.6%	191	36%	87%	1.7%
Tesla Motors Inc	392	19.5%	70%	1.5%	562	3.5%	193%	4.9%
S&P 500 Index	391	6.7%	-14.8%	1.5%	167	139%	79%	1.4%
Other	19,309	4.7%	14.2%	72.3%	6,770	32%	43%	58.7%
Total	26,707	5.6%	11.4%	100%	11,524	53.9%	64.2%	100%

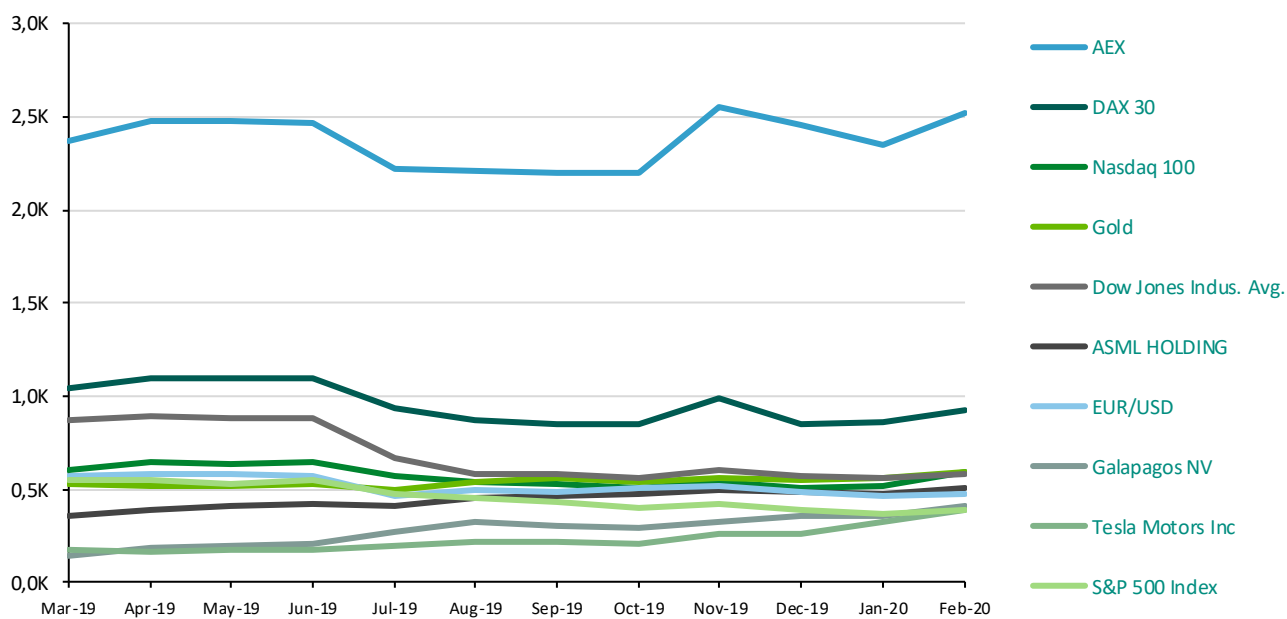
(Source Euronext)



TOP 10 UNDERLYINGS

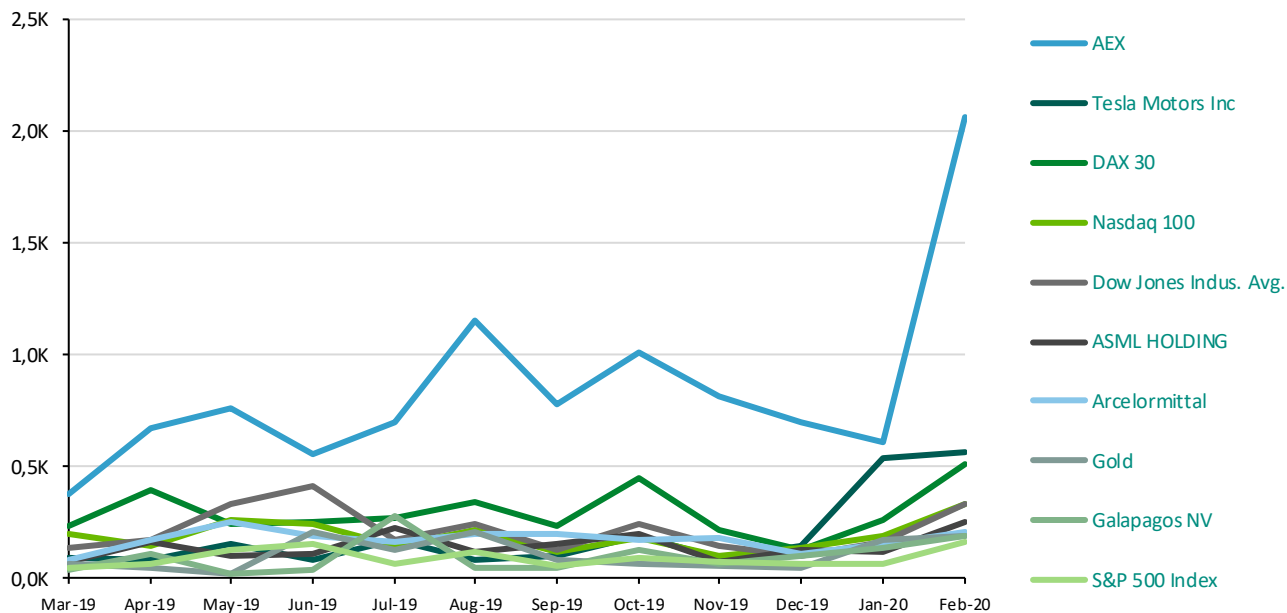
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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
NL0014132490	ING	2100 Warrants	Euro STOXX 50 ETFs	8,326	601
NL0014312332	BNP Paribas	2210 Mini-Futures	Gold	4,554	231
NL0013814858	Goldman Sachs	2210 Mini-Futures	AEX	4,335	1,051
DE000CU6HUN4	Commerzbank	2205 Open-End Knock-Out Warrants	DAX 30	3,503	130
NL0014061913	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	3,457	112
NL0013576135	BNP Paribas	2210 Mini-Futures	DAX 30	3,347	251
NL0014064107	BNP Paribas	2210 Mini-Futures	DAX 30	3,297	133
NL0014151821	BNP Paribas	2210 Mini-Futures	DAX 30	3,163	185
DE000VE2Z9D6	Vontobel	2200 Knock-Out Warrants	DAX 30	2,839	830
NL0014154502	BNP Paribas	2210 Mini-Futures	Gold	2,595	197
DE000VN61ZM8	Vontobel	2300 Constant Leverage Certificate	Euro STOXX 50 x16 Leverage Inc	2,577	70
NL0014099855	ING	2205 Open-End Knock-Out Warrants	Galapagos NV	2,552	279
DE000VN61ZF2	Vontobel	2300 Constant Leverage Certificate	S&P 500 x16 Leverage Index	2,435	225
DE000VN61ZT3	Vontobel	2300 Constant Leverage Certificate	FTSE x16 Leverage Index	2,346	148
NL0014152803	BNP Paribas	2205 Open-End Knock-Out Warrants	AEX	2,279	782
NL0013901994	ING	2205 Open-End Knock-Out Warrants	ASML HOLDING	2,265	390
NL0013744063	Goldman Sachs	2210 Mini-Futures	AEX	2,260	4,513
NL0013832462	Goldman Sachs	2205 Open-End Knock-Out Warrants	AEX	2,252	794
NL0014041295	BNP Paribas	2210 Mini-Futures	AEX	2,149	87
NL0011539267	BNP Paribas	2205 Open-End Knock-Out Warrants	Heineken	2,127	30
NL0014060279	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	2,069	80
NL0014316374	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	1,959	25
NL0013901309	ING	2205 Open-End Knock-Out Warrants	Galapagos NV	1,951	431
NL0013802614	Goldman Sachs	2210 Mini-Futures	Altice	1,899	72
NL0014061715	BNP Paribas	2210 Mini-Futures	Gold	1,879	99
NL0014132516	ING	2100 Warrants	Euro STOXX 50 ETFs	1,838	228
NL0013902885	ING	2205 Open-End Knock-Out Warrants	ASML HOLDING	1,824	492
NL0014132508	ING	2100 Warrants	Euro STOXX 50 ETFs	1,775	282
NL0013981871	BNP Paribas	2210 Mini-Futures	DAX 30	1,759	258
NL0013579980	BNP Paribas	2210 Mini-Futures	Silver	1,729	53
NL0013853120	Goldman Sachs	2210 Mini-Futures	AEX	1,722	13
NL0014137614	BNP Paribas	2210 Mini-Futures	Galapagos NV	1,669	130
NL0014100000	ING	2205 Open-End Knock-Out Warrants	Galapagos NV	1,574	321
NL0014145146	BNP Paribas	2210 Mini-Futures	AEX	1,521	115
DE000CU6HNM1	Commerzbank	2205 Open-End Knock-Out Warrants	Galapagos NV	1,482	136
DE000CJ3N062	Commerzbank	2205 Open-End Knock-Out Warrants	Tesla Motors Inc	1,439	17
NL0014054207	BNP Paribas	2210 Mini-Futures	DAX 30	1,427	46
NL0014063133	BNP Paribas	2210 Mini-Futures	Gold	1,408	175
NL0013990583	BNP Paribas	2210 Mini-Futures	AEX	1,378	189
DE000CU6J175	Commerzbank	2205 Open-End Knock-Out Warrants	Nasdaq 100	1,370	52
NL0014063794	BNP Paribas	2205 Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	1,355	525
NL0013577778	BNP Paribas	2205 Open-End Knock-Out Warrants	Galapagos NV	1,337	298
NL0013896103	ING	2205 Open-End Knock-Out Warrants	DAX 30	1,322	408
NL0014320319	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	1,317	44
NL0013577125	BNP Paribas	2210 Mini-Futures	Galapagos NV	1,317	59
DE000CU1BWP9	Commerzbank	2205 Open-End Knock-Out Warrants	Amazon	1,312	134
NL0013990559	BNP Paribas	2210 Mini-Futures	AEX	1,300	194
DE000CU6HKD6	Commerzbank	2205 Open-End Knock-Out Warrants	Galapagos NV	1,284	90
NL0014317752	BNP Paribas	2210 Mini-Futures	AEX	1,281	322
NL0014151938	BNP Paribas	2210 Mini-Futures	Dow Jones Indus. Avg.	1,266	44

(Source Euronext)



Euronext Brussels

ISSUERS

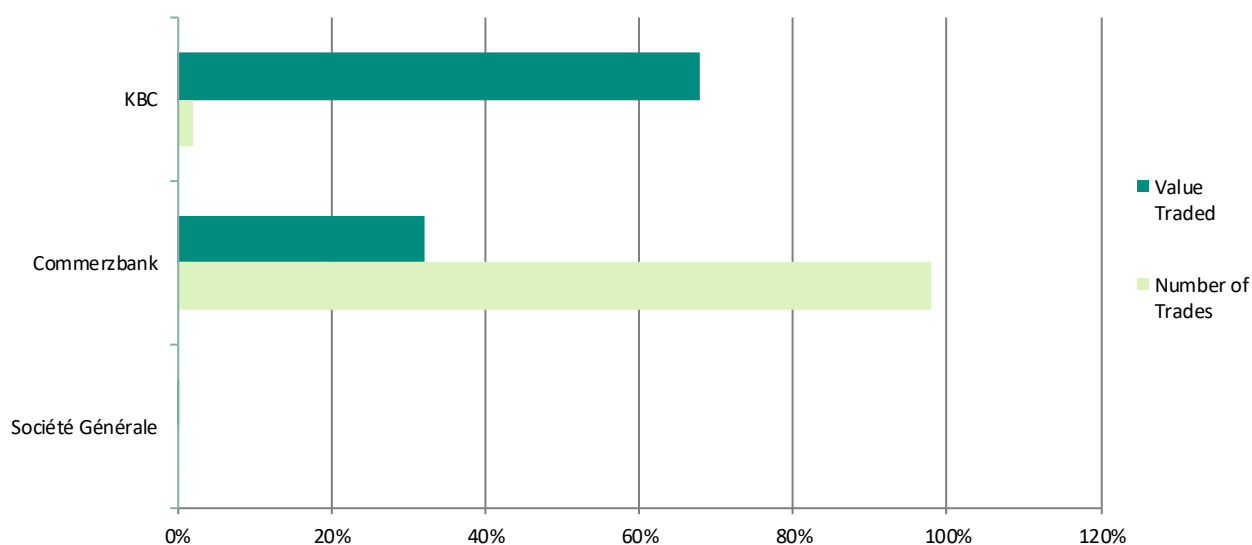
Market Overview

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	994	NA	259%	67.9%	5.9	NA	241.2%	2.0%
Commerzbank	469	13.0%	33%	32.1%	291	31.6%	41.8%	98.0%
Société Générale	0	-83%	-68%	0.0%	0.1	-45.0%	-27.1%	0.0%
Total	1,464	249.3%	132.8%	100%	297	34.1%	43.4%	100%

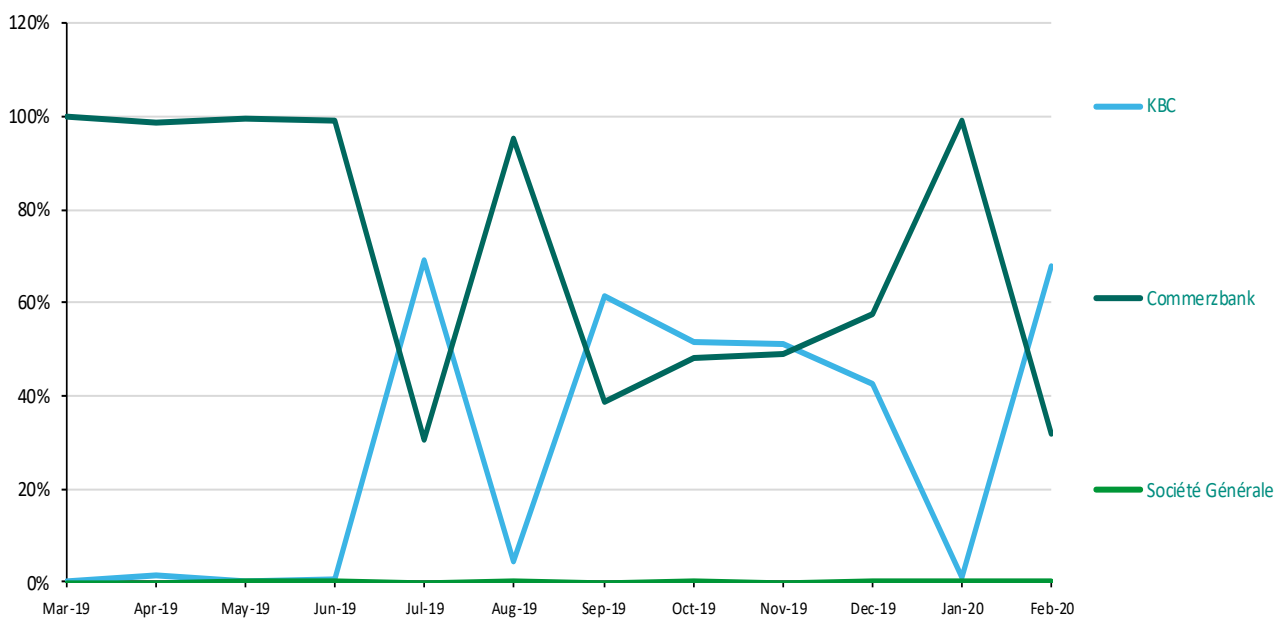
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ISSUERS

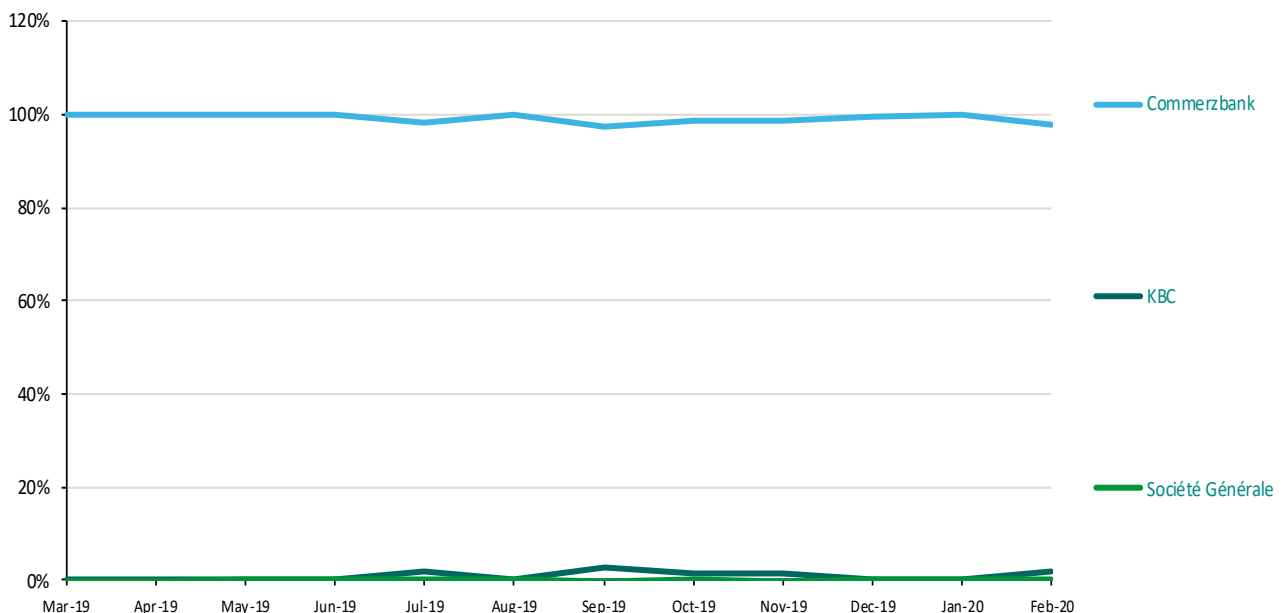
Market Trend: Value traded

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

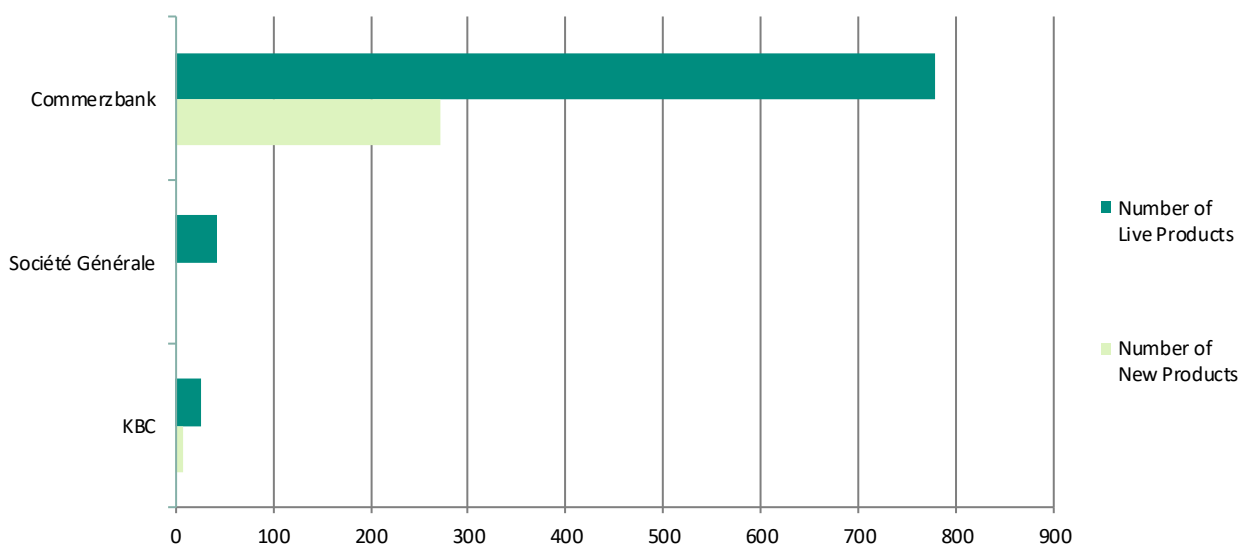
Product Overview

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	778	1.7%	9.8%	92.1%	271	54%	35%	97.5%
Société Générale	42	0.0%	-3.1%	5.0%	0		-100%	0.0%
KBC	25	-11.9%	-6.0%	3.0%	7	600%	190%	2.5%
Total	845	1.2%	8.5%	100%	278	57.1%	36.4%	100%

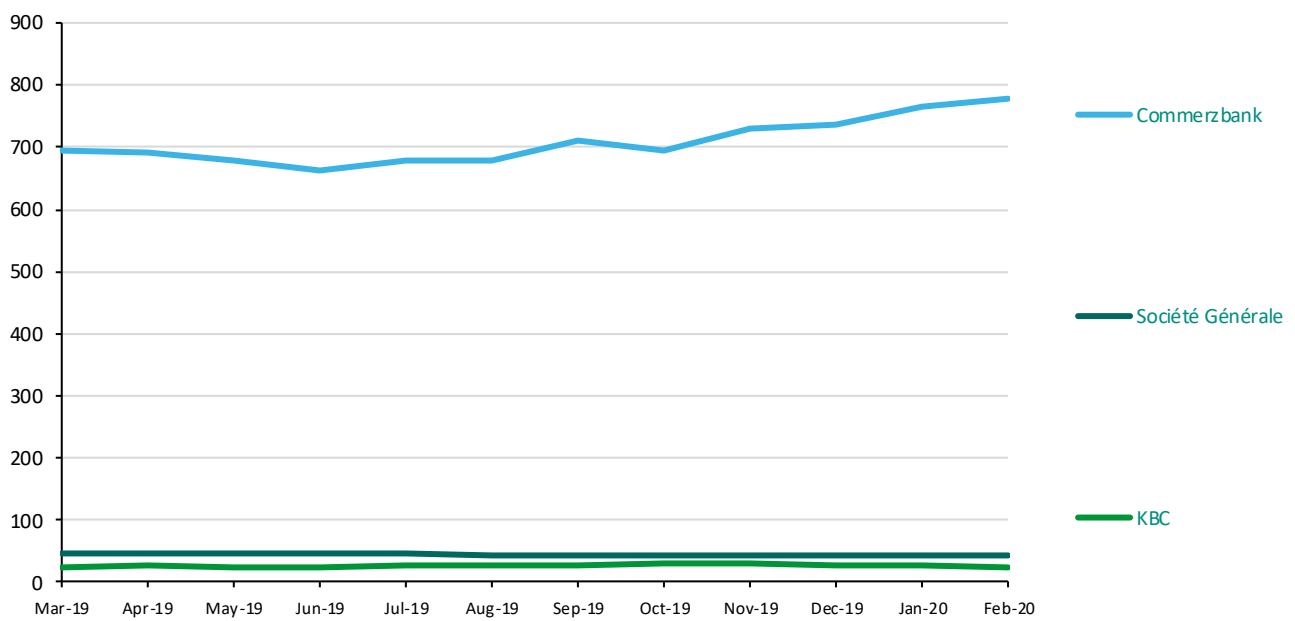
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ISSUERS

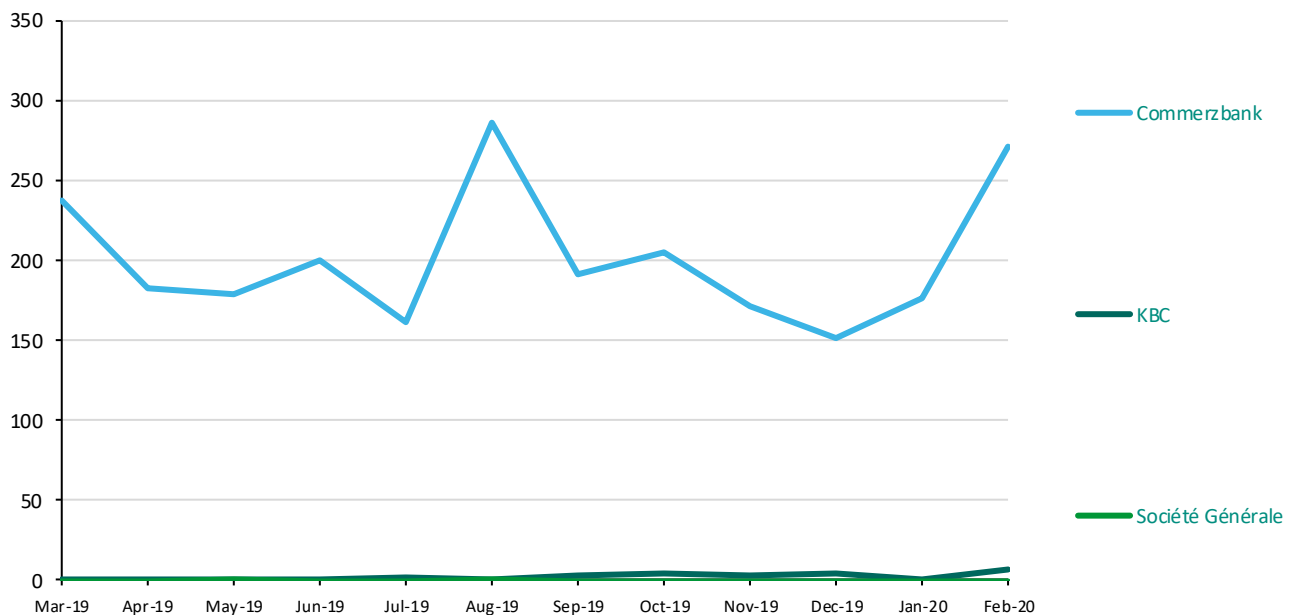
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

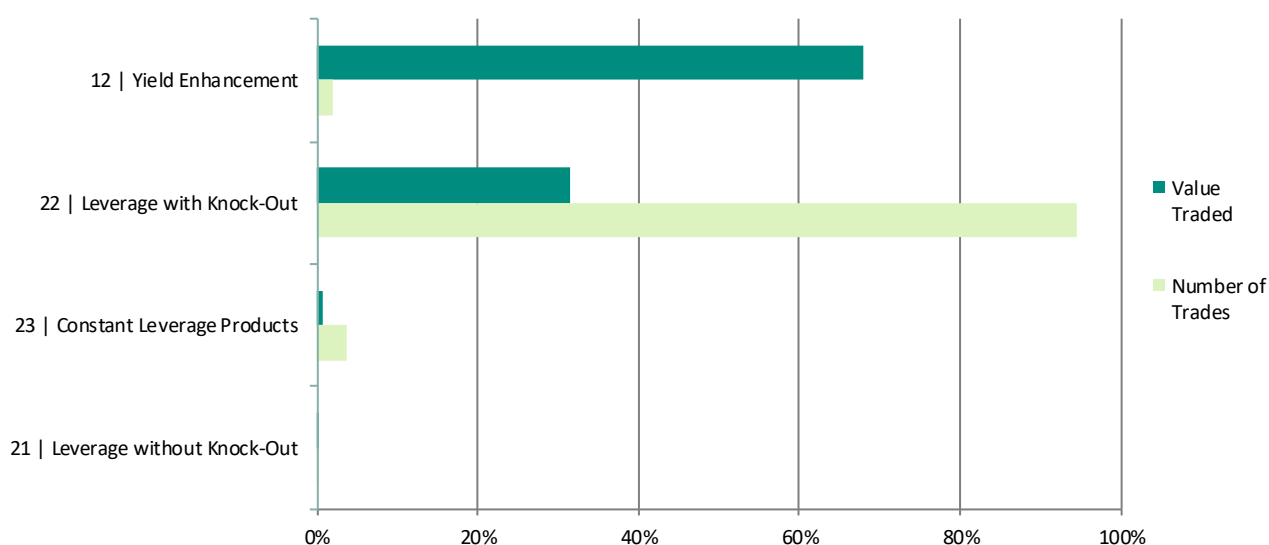
Market Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
12 Yield Enhancement	994		262%	67.9%	5.9		271.7%	2.0%
22 Leverage with Knock-Out	461	11.9%	32%	31.5%	280	29.8%	39.2%	94.4%
23 Constant Leverage Products	8	122%	112%	0.6%	11	105.5%	173.7%	3.6%
21 Leverage without Knock-Out	0	-94%	-90%	0.0%	0.1	-63.3%	-67.8%	0.0%
Total	1,464	249.3%	132.8%	100%	297	34.1%	43.4%	100%

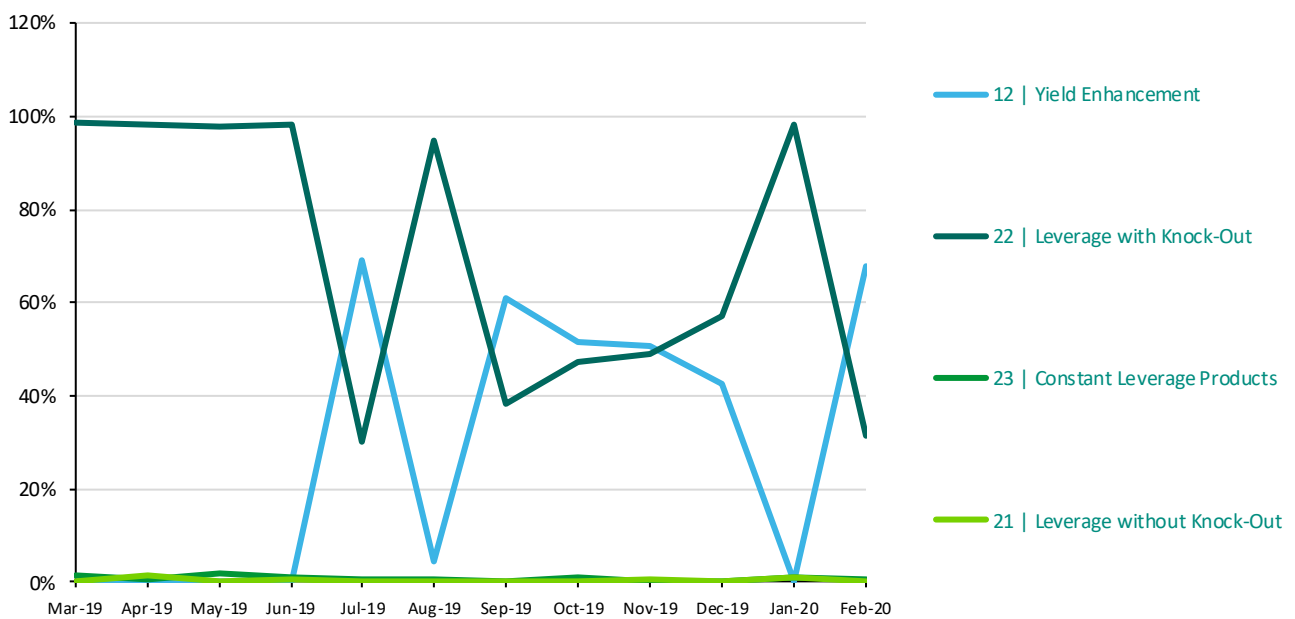
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

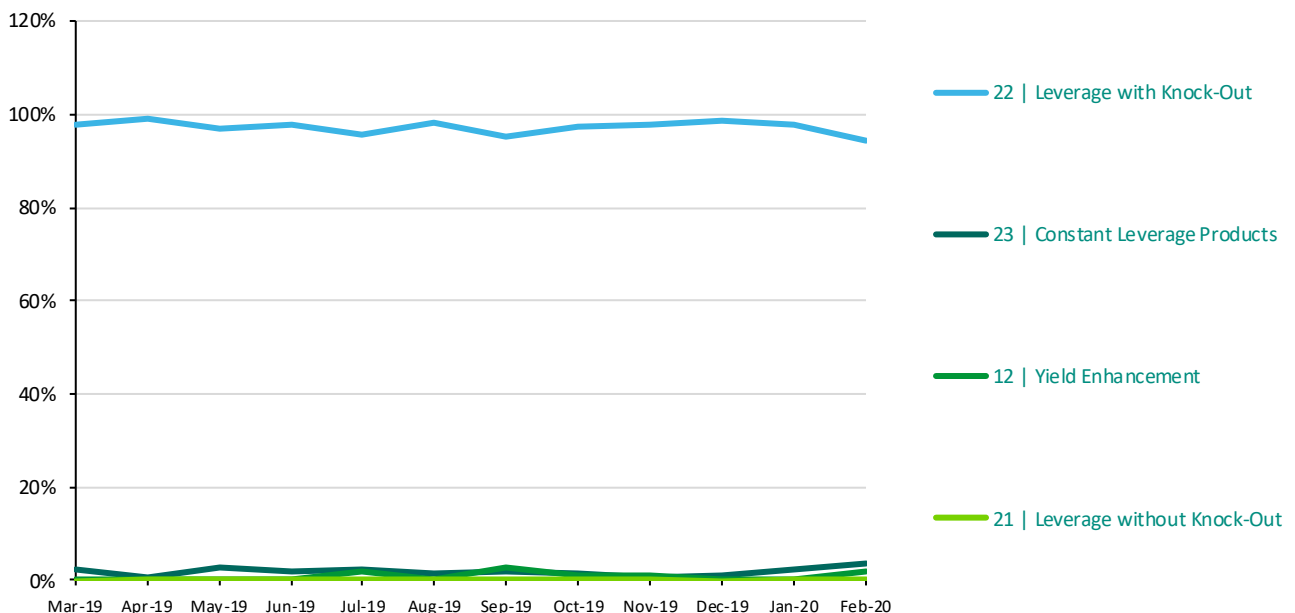
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

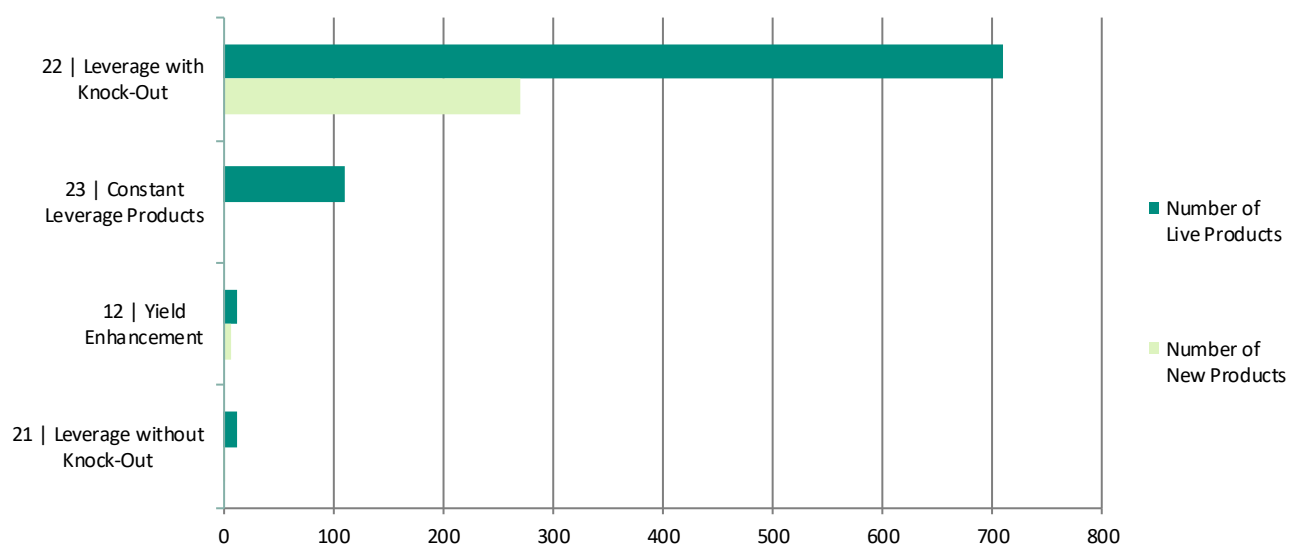
Product Overview

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

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

Product Types (EUSIPA Categorization Level 2)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
22 Leverage with Knock-Out	710	1.9%	11.8%	84.0%	271	54%	41%	97.5%
23 Constant Leverage Products	110	0.0%	-6.0%	13.0%	0		-100%	0.0%
12 Yield Enhancement	13	14.9%	124%	1.5%	6		324%	2.2%
21 Leverage without Knock-Out	12	-29%	-42%	1.5%	1	0.0%	0.0%	0.4%
Total	845	1.2%	8.5%	100%	278	57.1%	36.4%	100%

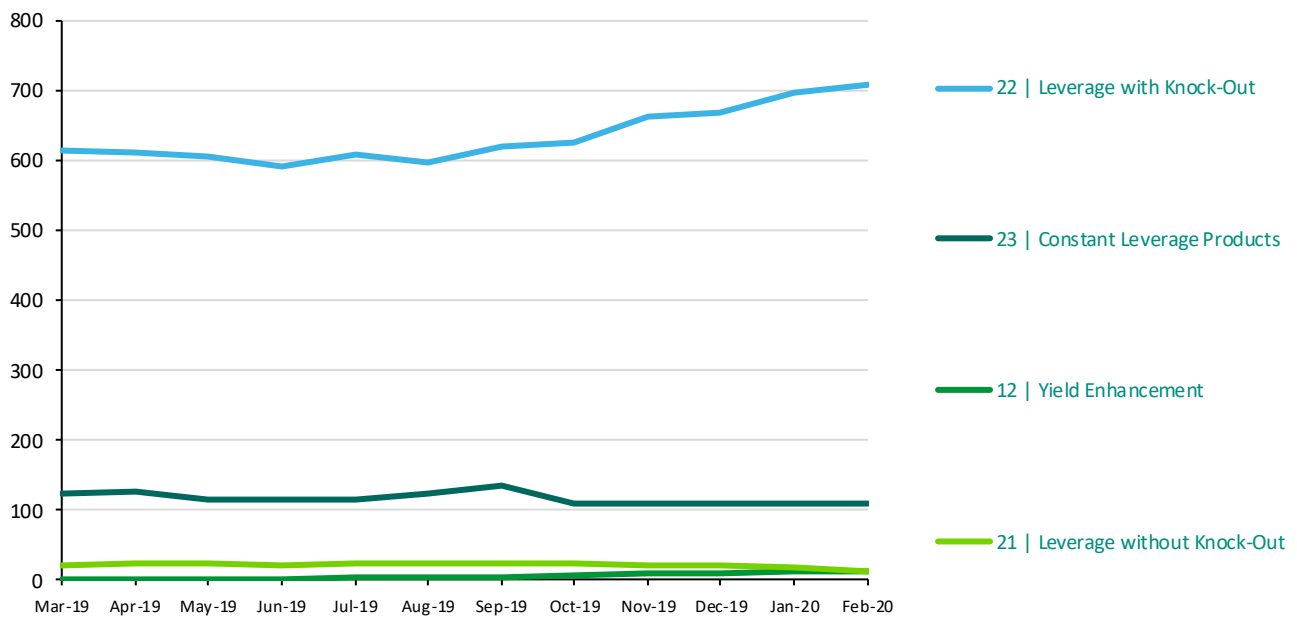
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

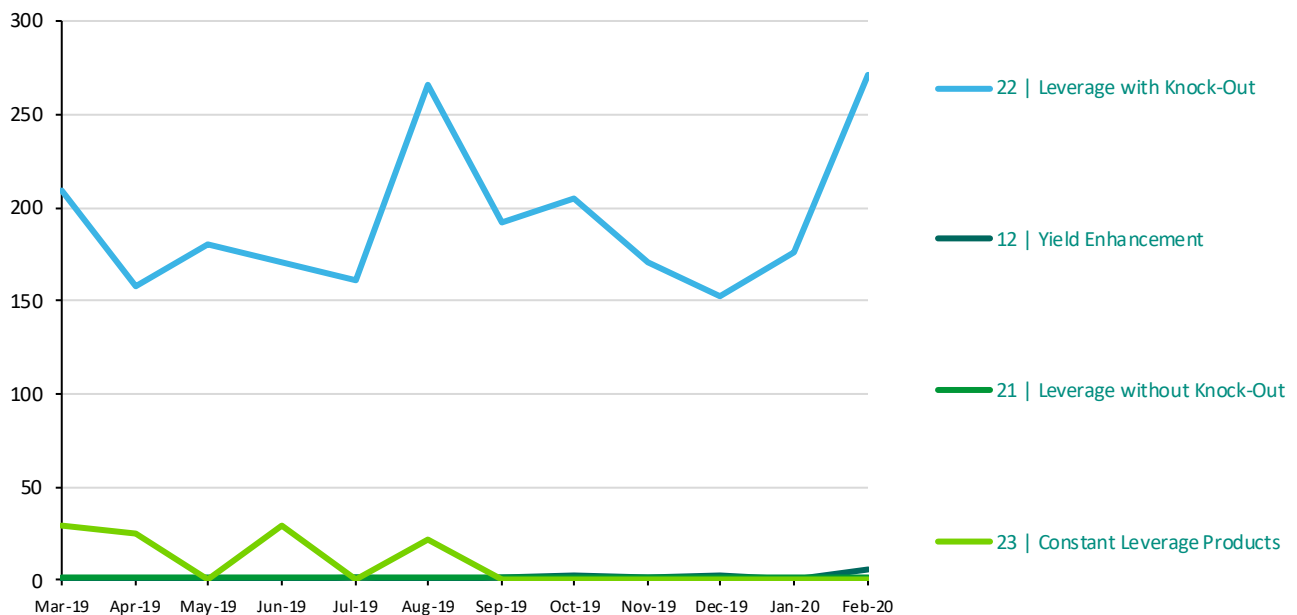
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

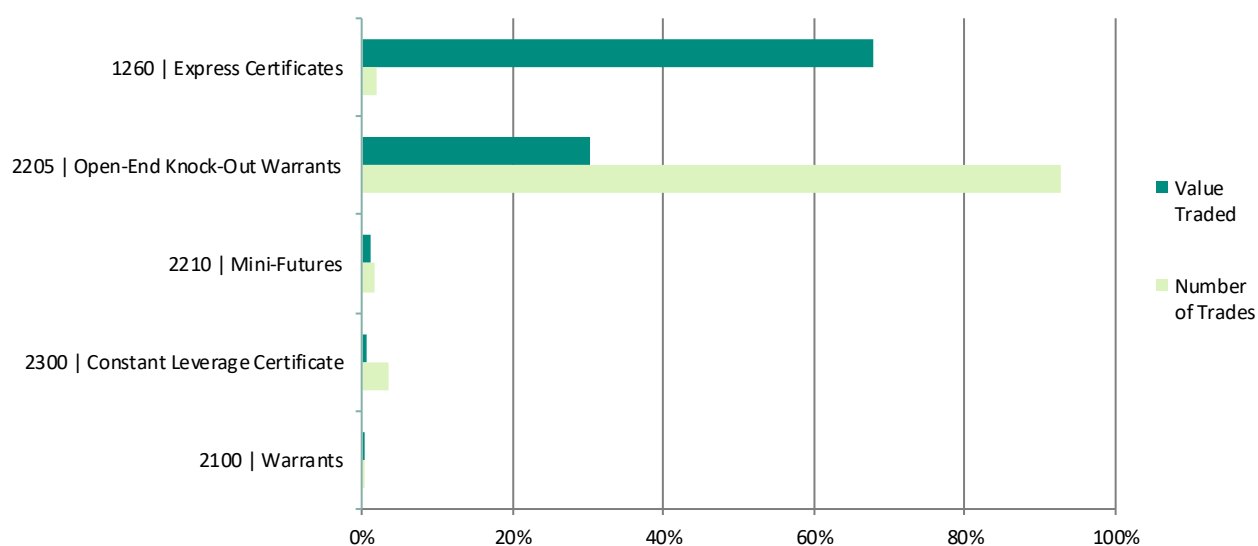
Market Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
1260 Express Certificates	994		262%	67.9%	5.9		271.7%	2.0%
2205 Open-End Knock-Out Warrants	444	9.7%	29%	30.3%	275	29%	39%	92.7%
2210 Mini-Futures	17	131%	239%	1.2%	5.0	120%	74%	1.7%
2300 Constant Leverage Certificate	8	122%	112%	0.6%	11	106%	174%	3.6%
2100 Warrants	0	-94%	-90%	0.0%	0.1	-63%	-68%	0.0%
Total	1,464	249.3%	132.8%	100%	297	34.1%	43.4%	100%

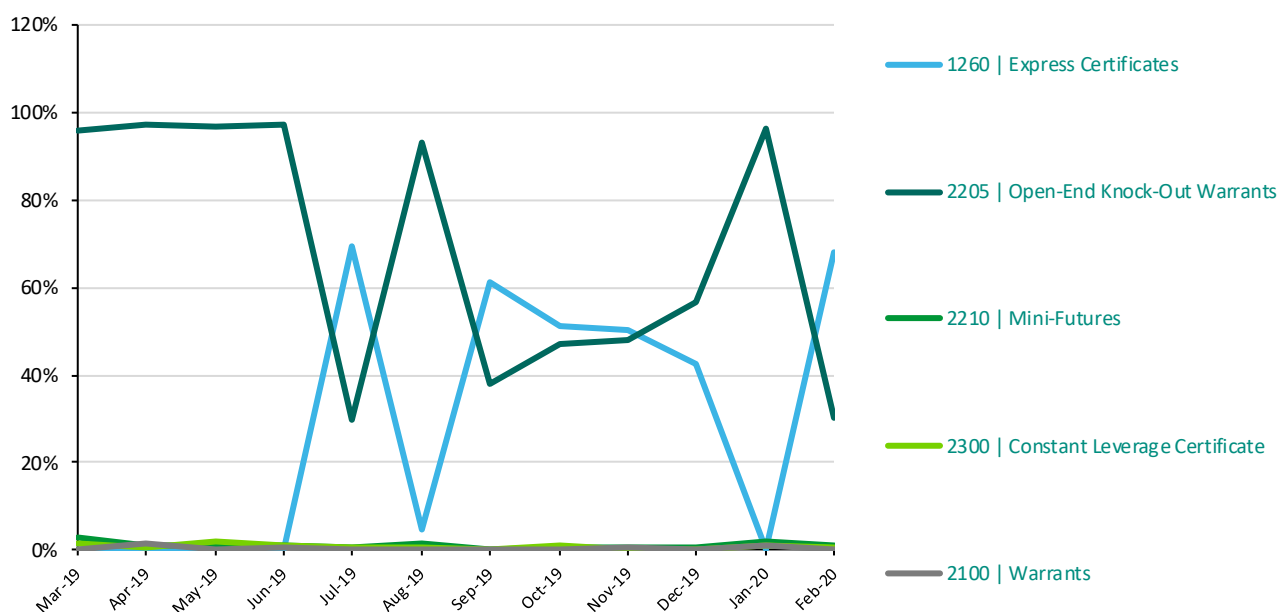
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

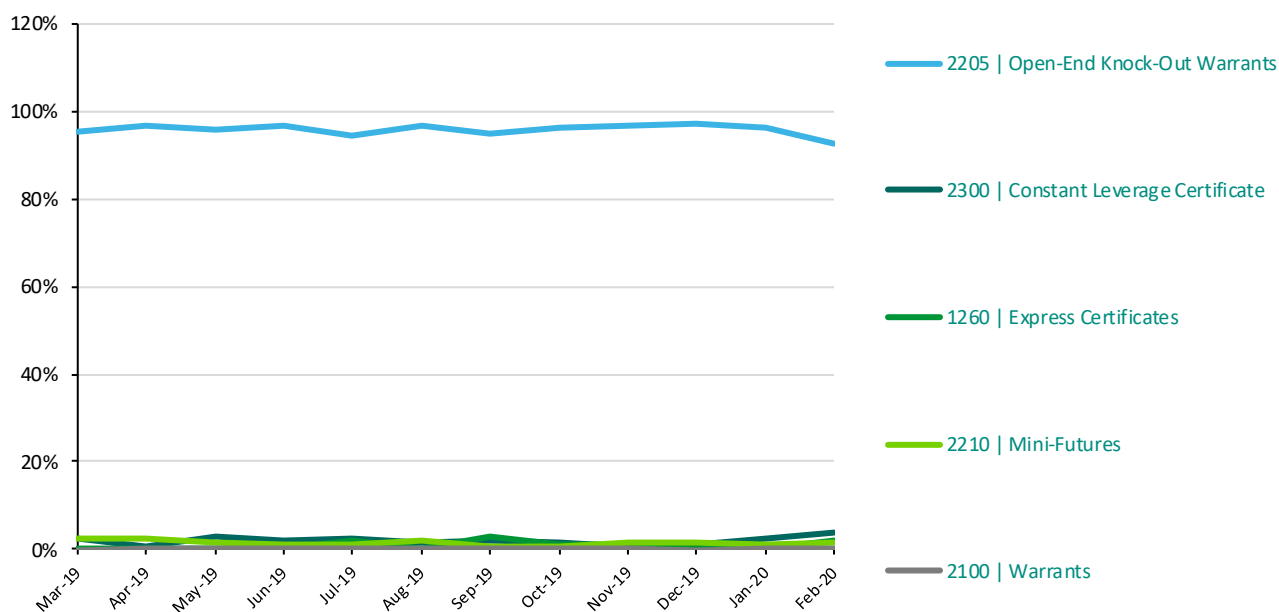
Market Trend: Value traded

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)

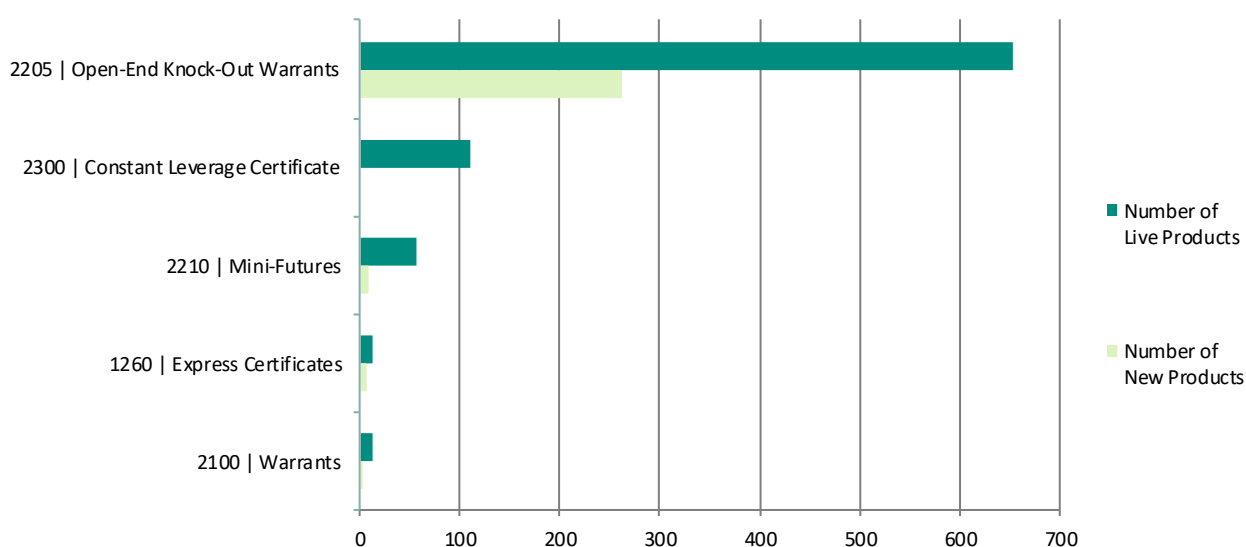
Product Overview

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	654	2.4%	13.4%	77.4%	262	52%	38%	94.2%
2300 Constant Leverage Certificate	110	0.0%	-6.0%	13.0%	0		-100%	0.0%
2210 Mini-Futures	56	-4.2%	-4.1%	6.6%	9	125%	209%	3.2%
1260 Express Certificates	13	14.9%	124%	1.5%	6		324%	2.2%
2100 Warrants	12	-29%	-42%	1.5%	1	0.0%	0.0%	0.4%
Total	845	1.2%	8.5%	100%	278	57.1%	36.4%	100%

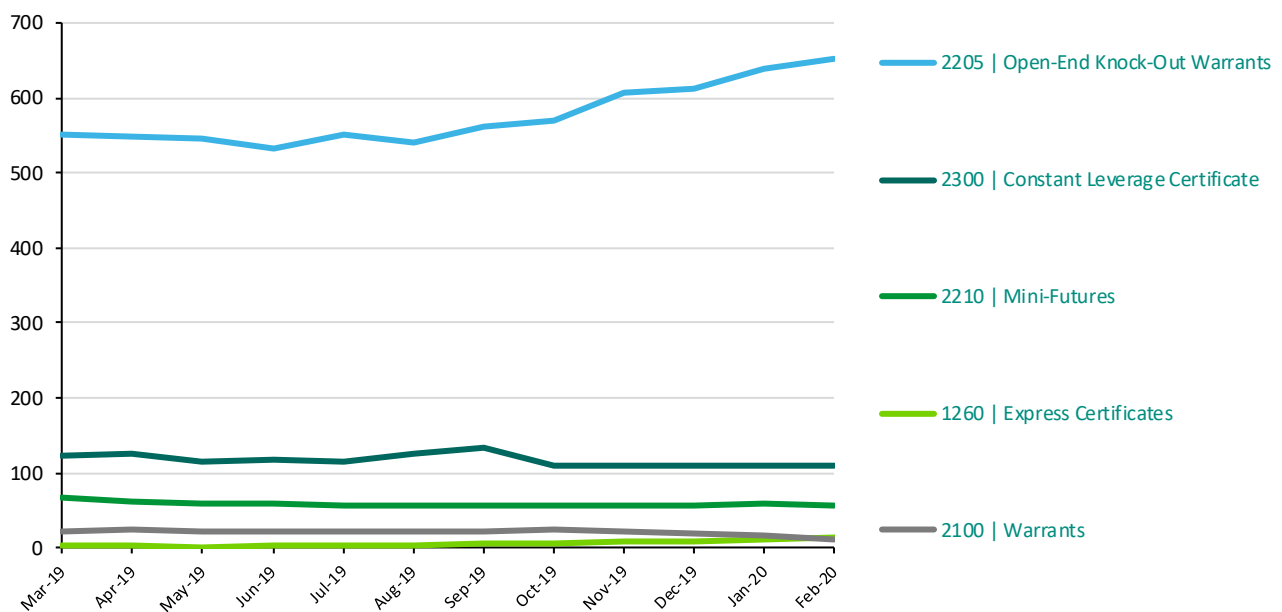
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

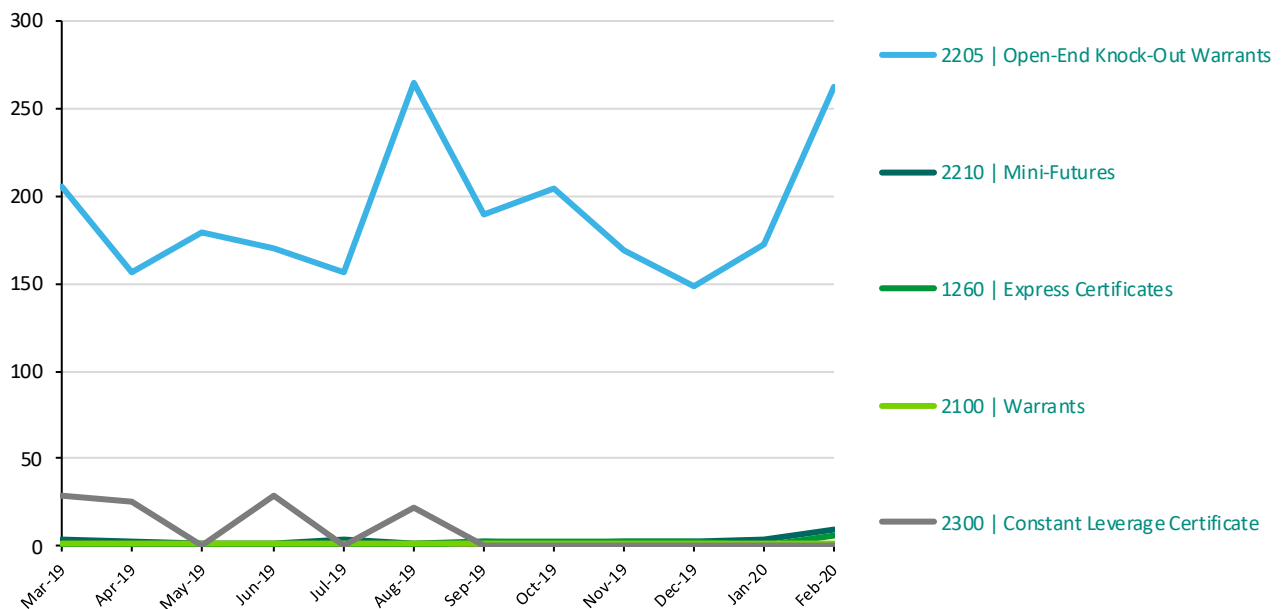
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

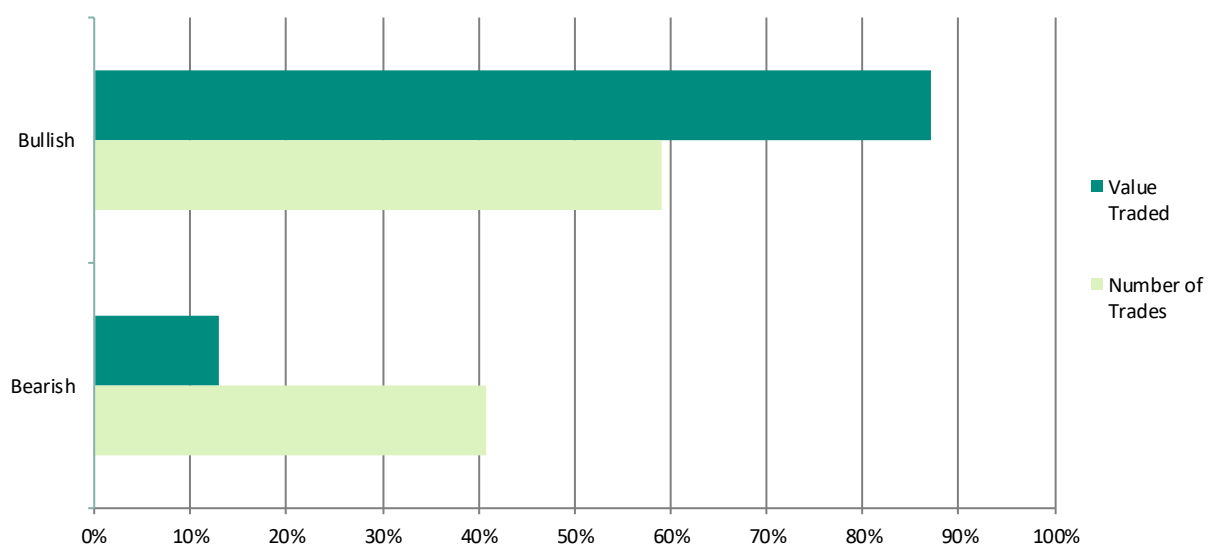
Market Overview

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

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

Product Strategies	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Bullish	1,274	307%	150%	87.0%	175	12.2%	35.9%	59.2%
Bearish	190	79%	60%	13.0%	121	87%	56%	40.8%
Total	1,464	249.3%	132.8%	100%	297	34.1%	43.4%	100%

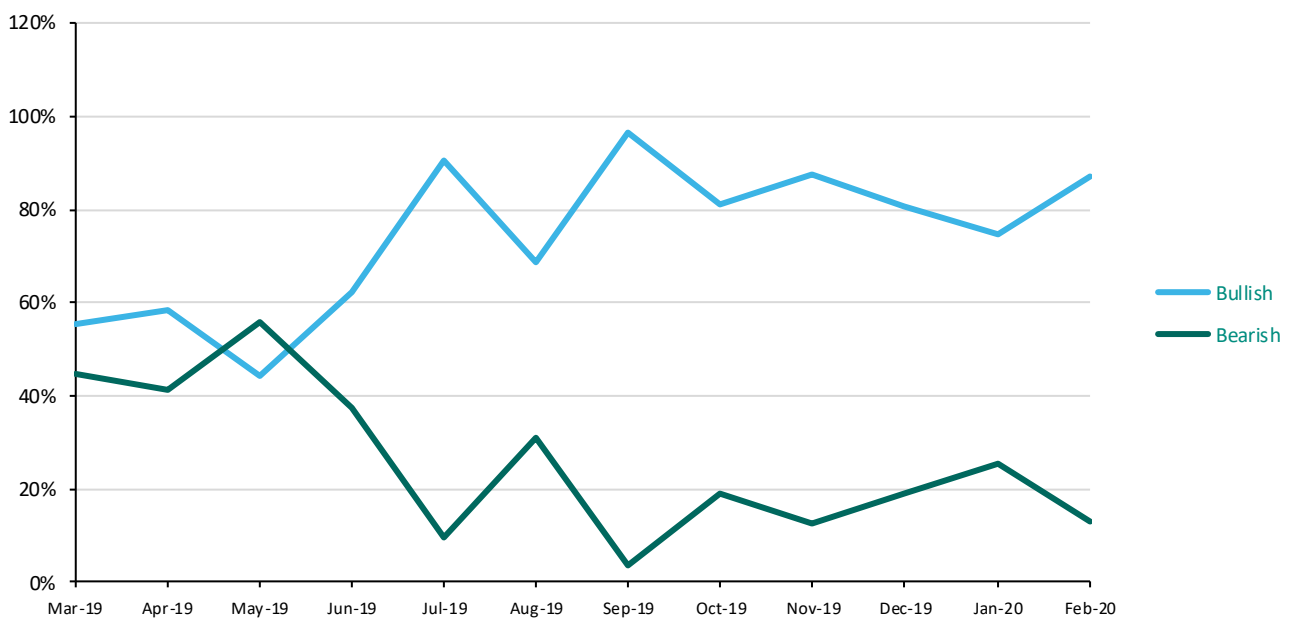
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PRODUCT STRATEGIES

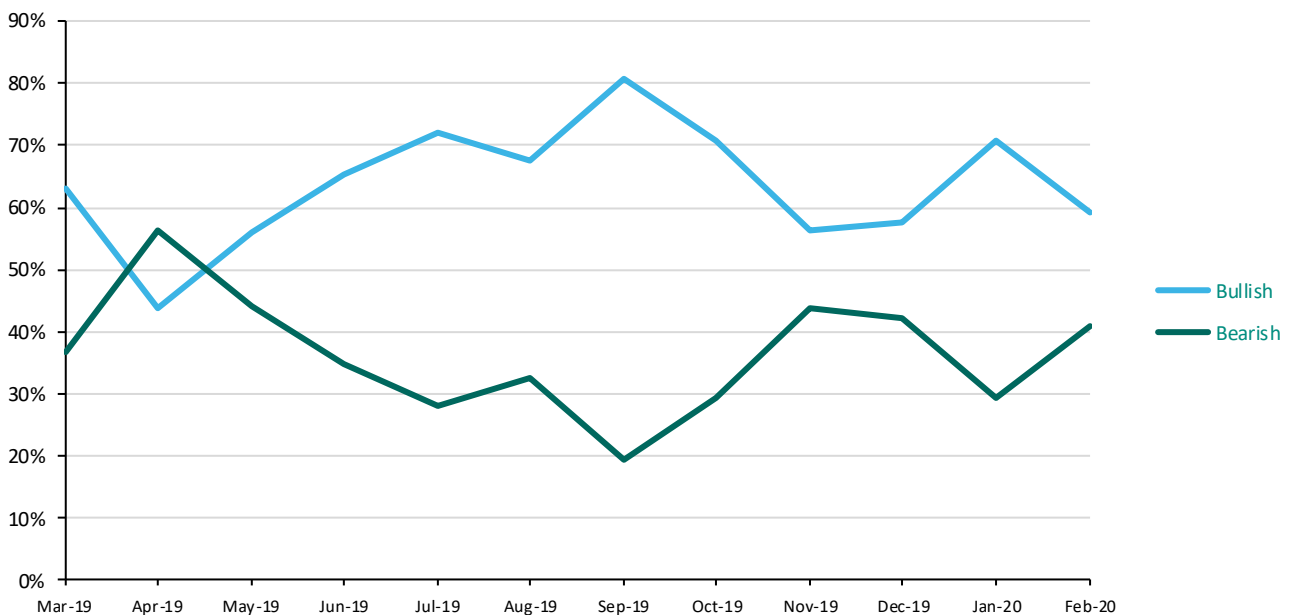
Market Trend: Value traded

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

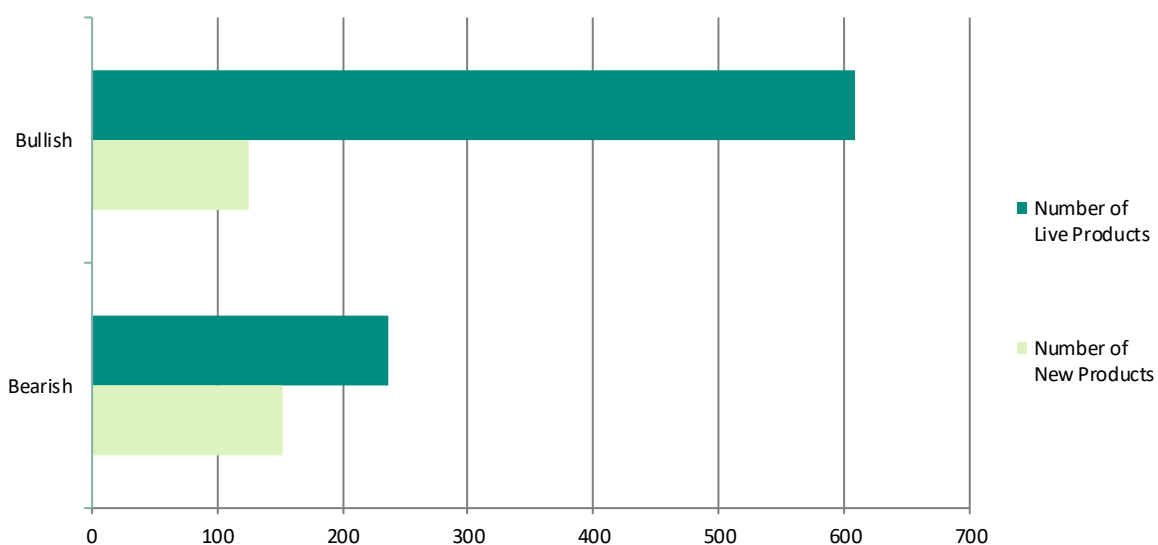
Product Overview

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	608	-1.6%	10.8%	72.0%	125	47%	13.1%	45.0%
Bearish	236	8.9%	3.0%	28.0%	153	66%	64%	55.0%
Total	845	1.2%	8.5%	100%	278	57.1%	36.4%	100%

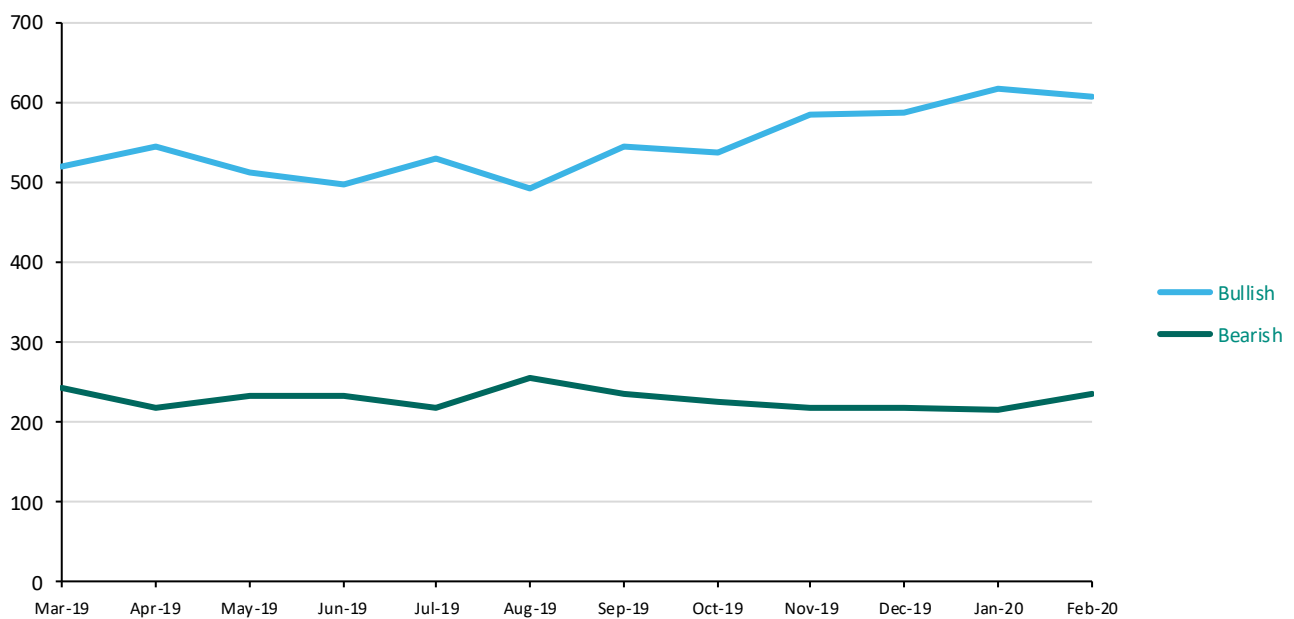
(Source Euronext)



PRODUCT STRATEGIES

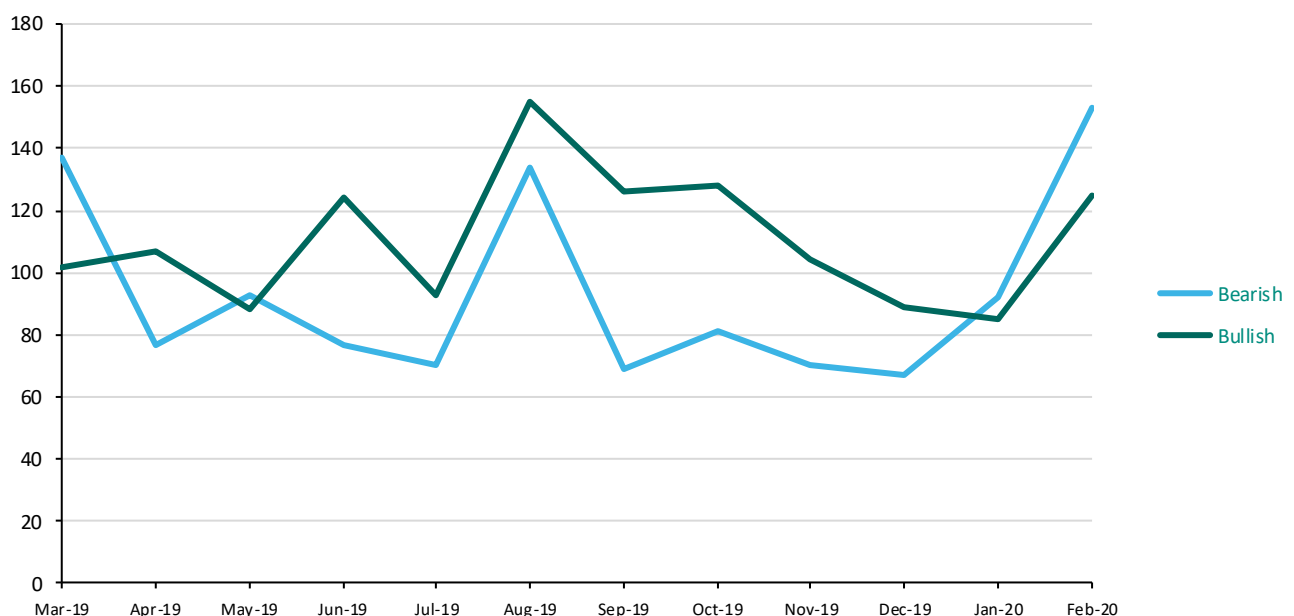
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

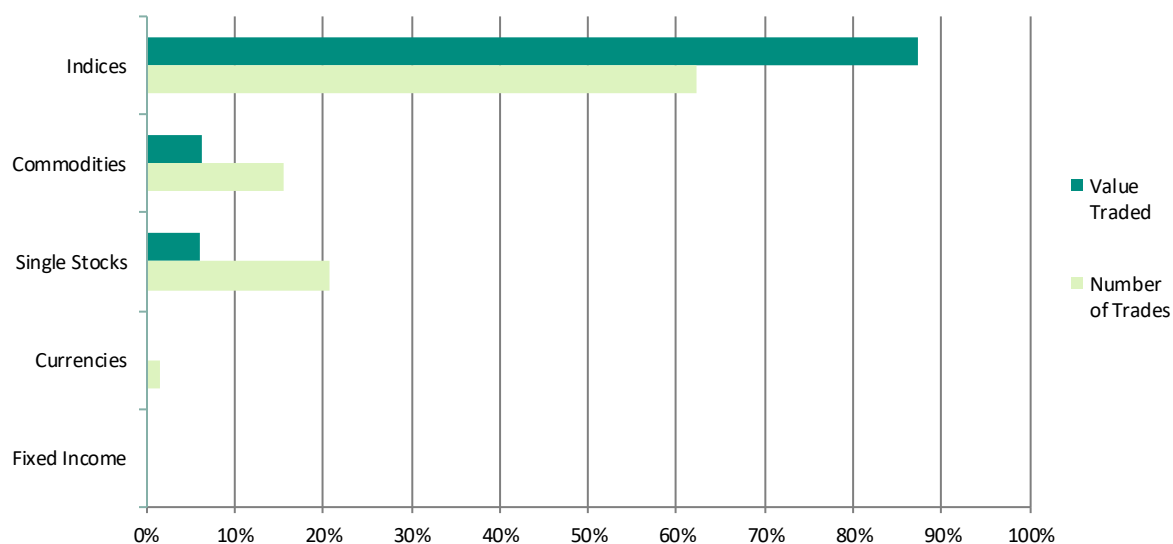
Market Overview

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

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

Underlying Types	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Indices	1,280	346%	195%	87.4%	185	34.2%	34.9%	62.3%
Commodities	92	49%	191%	6.3%	46	50.3%	165.1%	15.5%
Single Stocks	90	29%	40%	6.1%	61	23.6%	25.1%	20.7%
Currencies	3	217%	161%	0.2%	4.5	39.4%	63.4%	1.5%
Fixed Income	0		-100%	0.0%	0.0		-100.0%	0.0%
Total	1,464	249.3%	132.8%	100%	297	34.1%	43.4%	100%

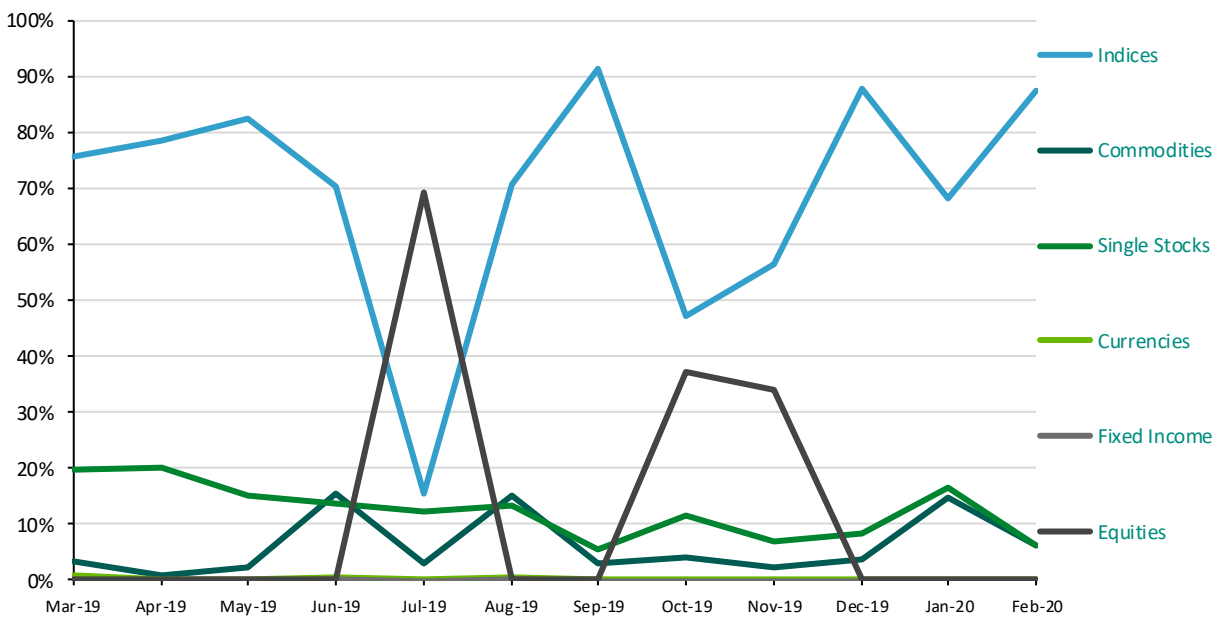
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UNDERLYING TYPES

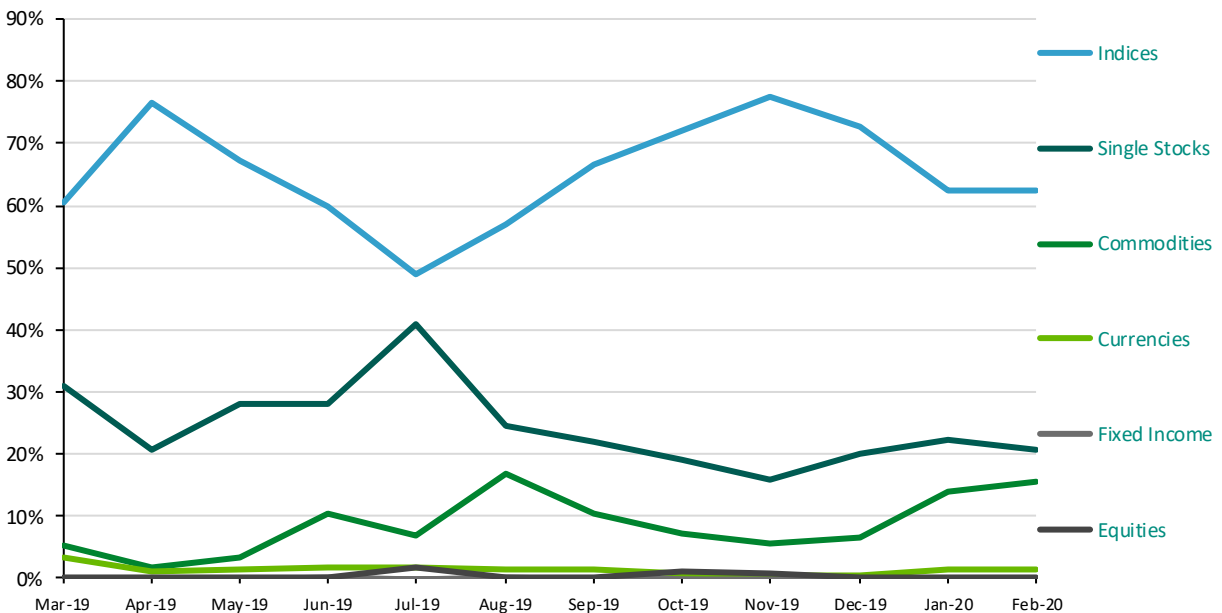
Market Trend: Value traded

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

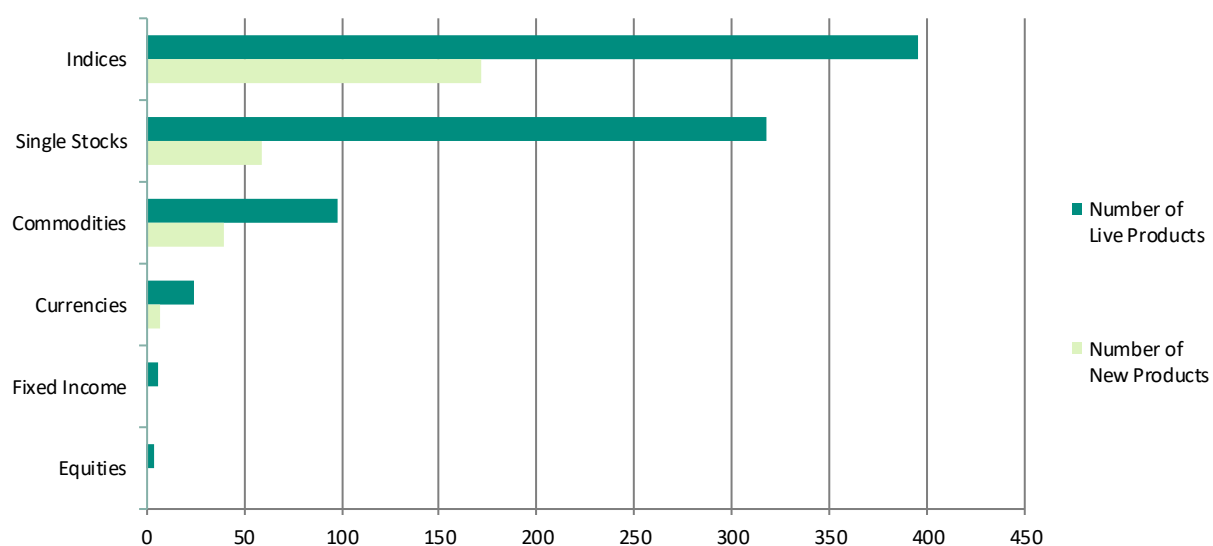
Product Overview

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	395	1.9%	13.3%	46.8%	171	69%	39%	61.5%
Single Stocks	318	-0.8%	2.0%	37.6%	59	90%	60%	21.2%
Commodities	98	3.6%	11.4%	11.6%	40	0.0%	6.7%	14.4%
Currencies	24	6.5%	9.6%	2.8%	7	75%	62%	2.5%
Fixed Income	6	0.0%	-10.6%	0.7%	0		-100%	0.0%
Equities	4	-1.8%	135%	0.4%	0		-100%	0.0%
Total	845	1.2%	8.5%	100%	278	57.1%	36.4%	100%

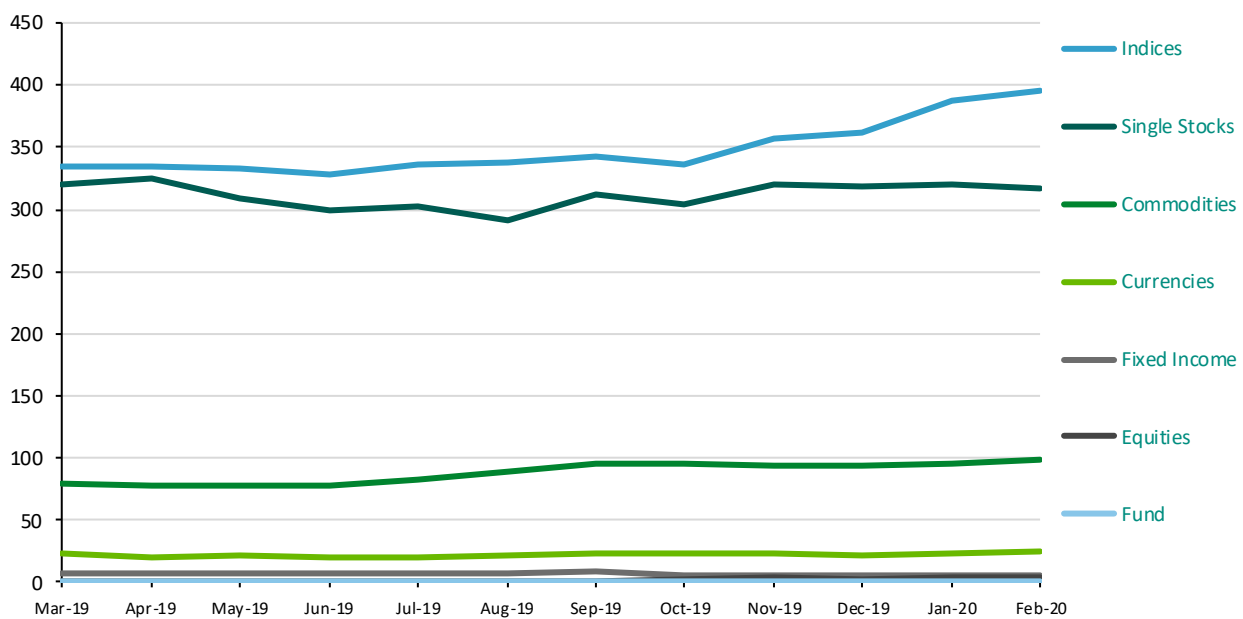
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UNDERLYING TYPES

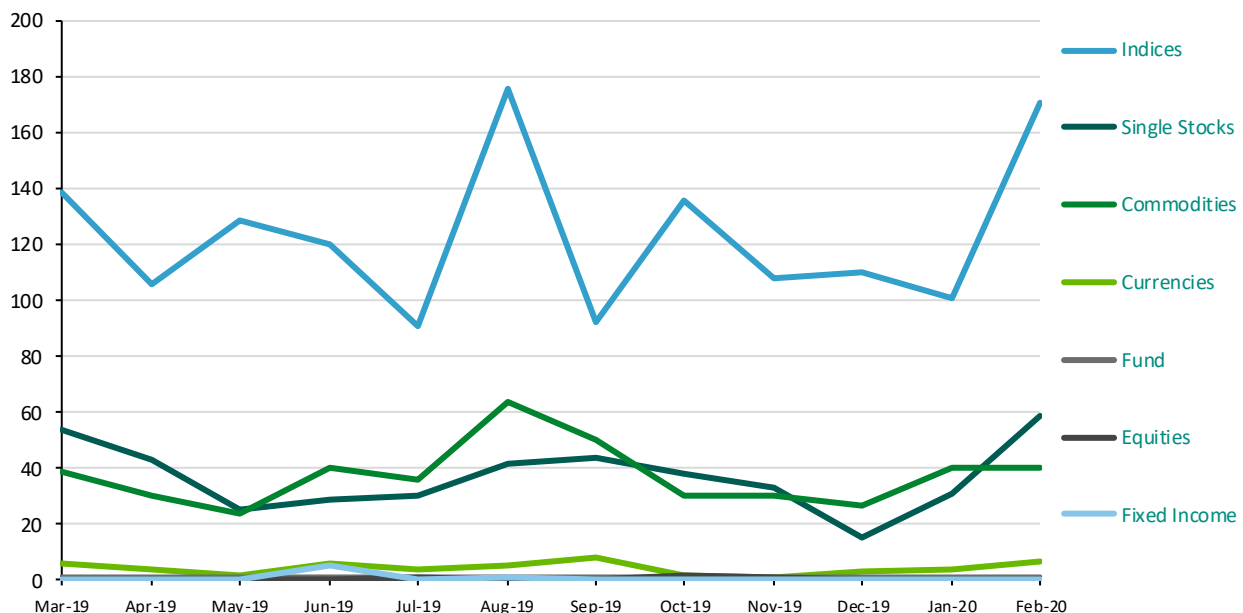
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

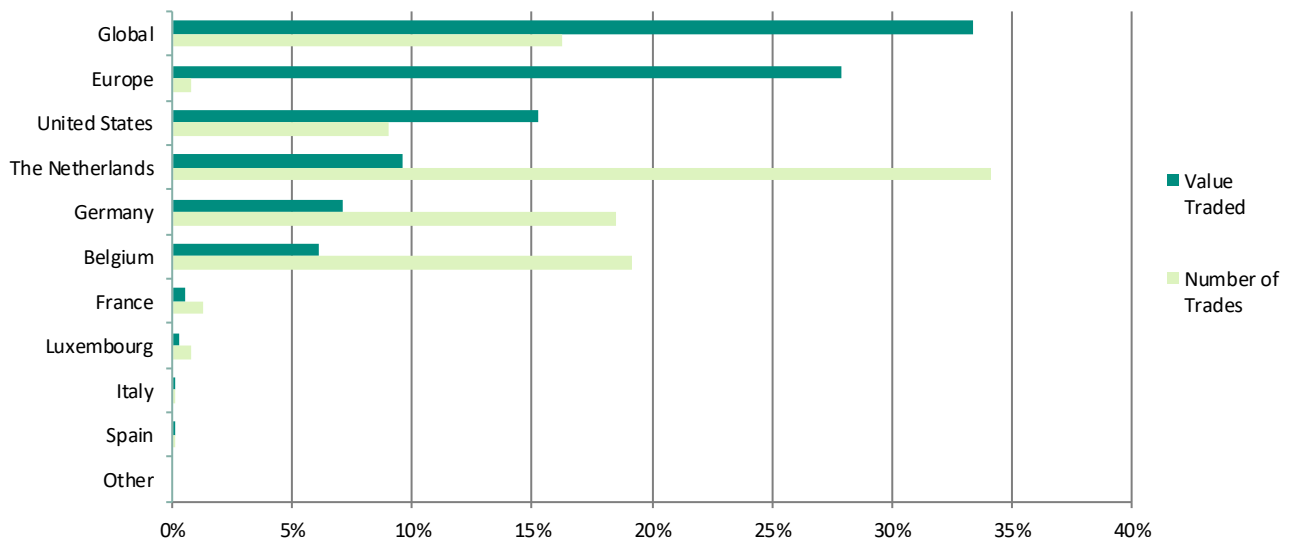
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Global	489	687%	225%	33.4%	48	56.5%	168.6%	16.3%
Europe	408	NA	188%	27.9%	2.3	NA	171%	0.8%
United States	223	245%	390%	15.2%	27	-4.5%	59%	9.0%
The Netherlands	140	77%	38%	9.6%	101	54%	33%	34.2%
Germany	103	-29%	-19.6%	7.1%	55	0.8%	4.0%	18.5%
Belgium	89	65%	74%	6.1%	57	61%	64%	19.2%
France	7	-14.4%	21%	0.5%	3.8	25%	9.0%	1.3%
Luxembourg	4	-8.0%	4.5%	0.3%	2.2	-45%	-44%	0.7%
Italy	0		NA	0.0%	0.3		NA	0.1%
Spain	0		NA	0.0%	0.1		NA	0.0%
Other	0			0.0%	0.0			0.0%
Total	1,464	249.3%	132.8%	100%	297	34.1%	43.4%	100%

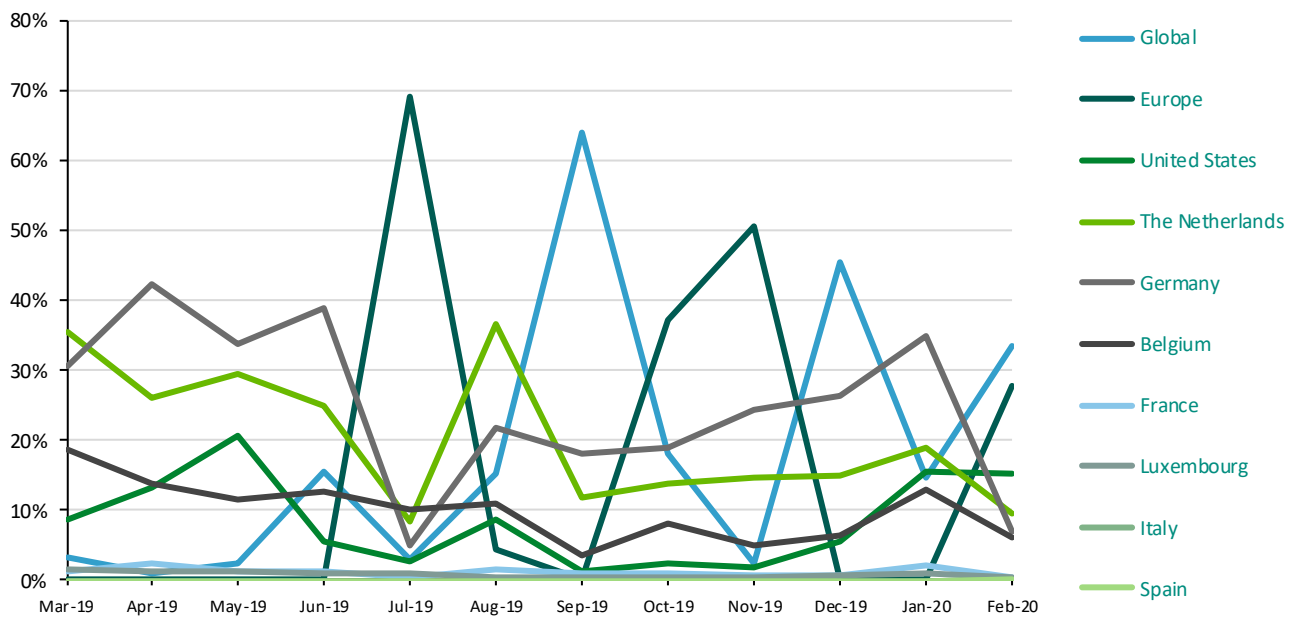
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

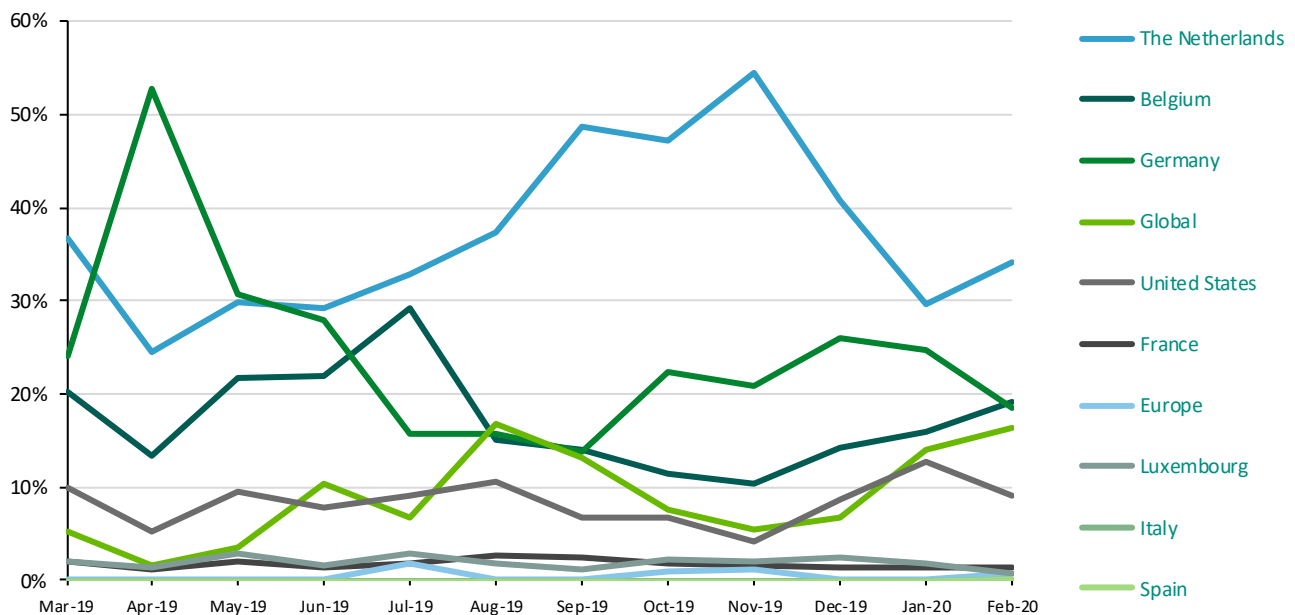
Market Trend: Value traded

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

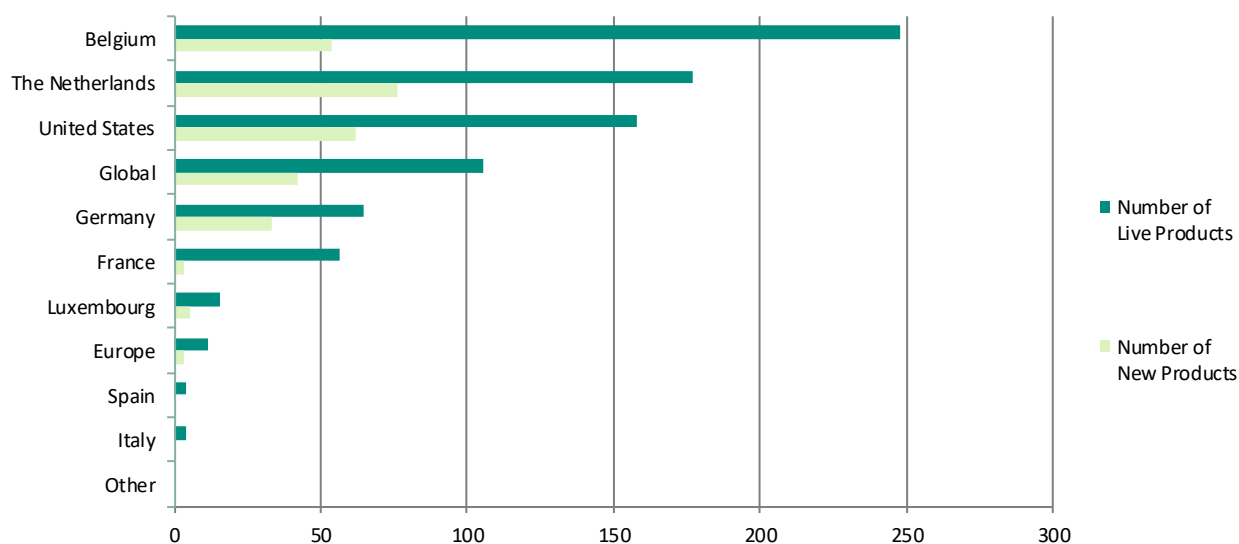
Product Overview

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	248	0.0%	4.8%	29.4%	54	38%	62%	19.4%
The Netherlands	177	-2.0%	2.9%	20.9%	76	105%	37%	27.3%
United States	158	6.0%	20%	18.7%	62	94%	59%	22.3%
Global	105	3.0%	13.7%	12.4%	42	5.0%	9.8%	15.1%
Germany	64	1.4%	12.6%	7.6%	33	27%	11.2%	11.9%
France	57	-2.0%	-3.8%	6.7%	3	50%	44%	1.1%
Luxembourg	16	1.9%	21%	1.9%	5		62%	1.8%
Europe	12	8.6%	30%	1.4%	3	200%	44%	1.1%
Spain	4	0.0%	-0.4%	0.5%	0		-100%	0.0%
Italy	4	0.0%	0.4%	0.5%	0		-100%	0.0%
Other	0			0.0%	0			0.0%
Total	845	1.2%	8.5%	100%	278	57.1%	36.4%	100%

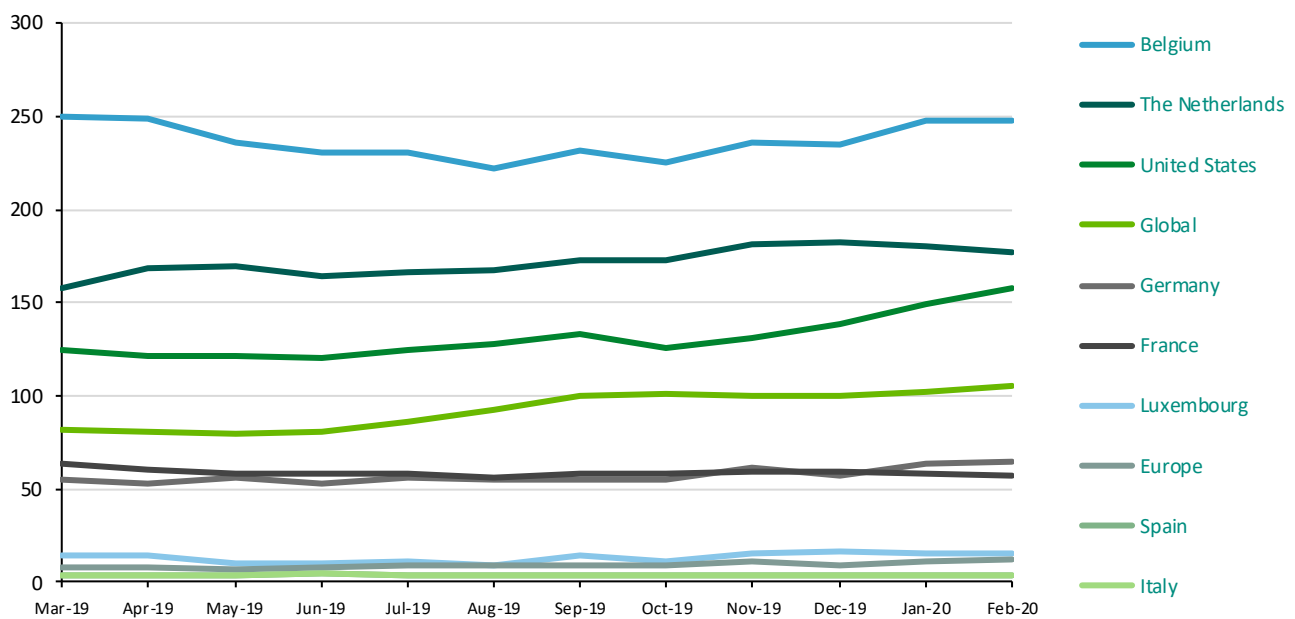
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

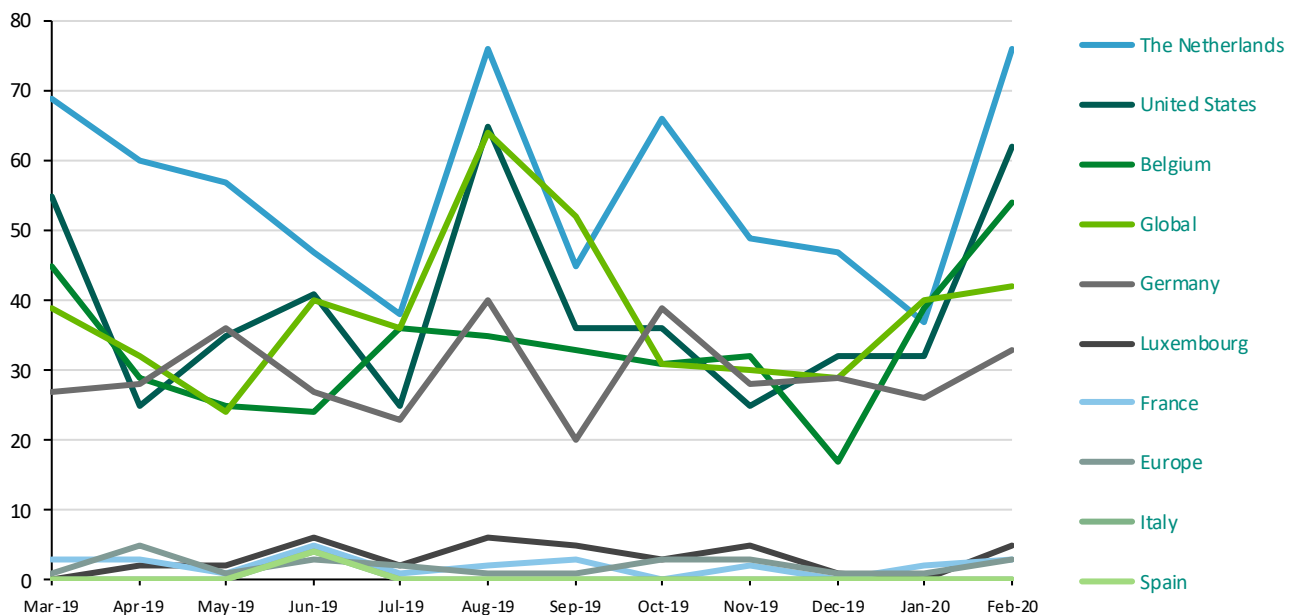
Product Trend: Number of Live Products

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

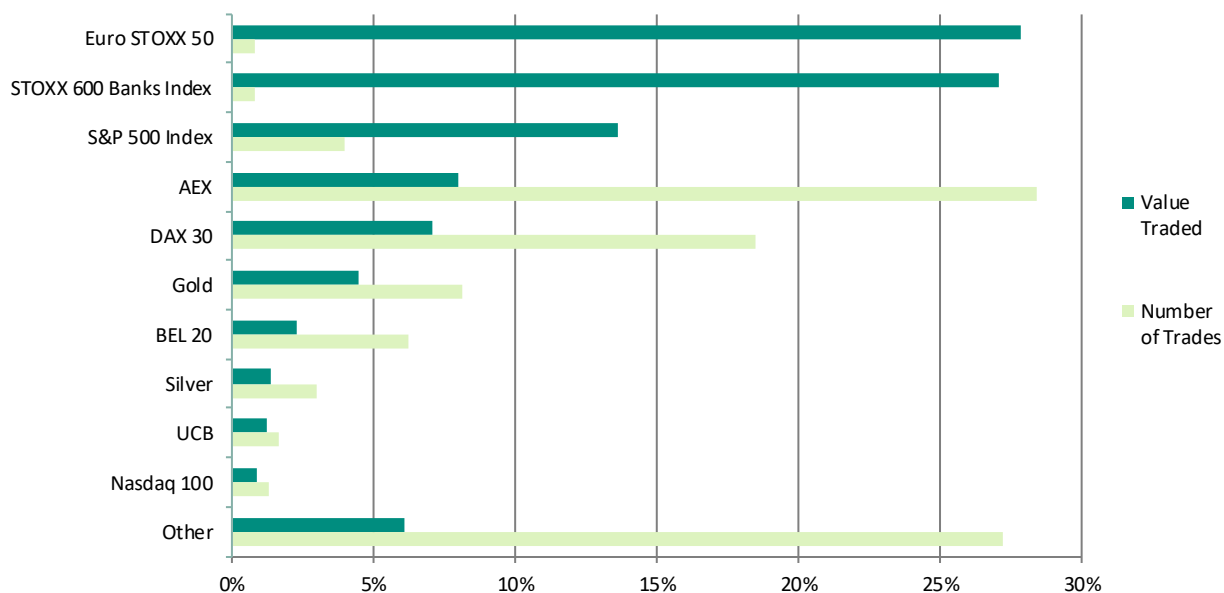
Market Overview

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 50	408	NA	828%	27.9%	2.3	NA	784.9%	0.8%
STOXX 600 Banks Index	397		750%	27.1%	2.3		NA	0.8%
S&P 500 Index	200	NA	820%	13.6%	12	-5.7%	140%	4.0%
AEX	117	79%	36%	8.0%	84	65%	35%	28.4%
DAX 30	103	-29%	-19.6%	7.1%	55	0.8%	4.0%	18.5%
Gold	65	71%	222%	4.5%	24	45%	120%	8.2%
BEL 20	34	235%	180%	2.3%	18	162%	170%	6.2%
Silver	20	-7.7%	112%	1.3%	8.8	-2.7%	117%	3.0%
UCB	18	-15.4%	167%	1.2%	5.0	-38%	29%	1.7%
Nasdaq 100	13	-68%	-15.4%	0.9%	3.9	-51%	-21%	1.3%
Other	89		-62%	6.1%	81			27.3%
Total	1,464	249.3%	132.8%	100%	297	34.1%	43.4%	100%

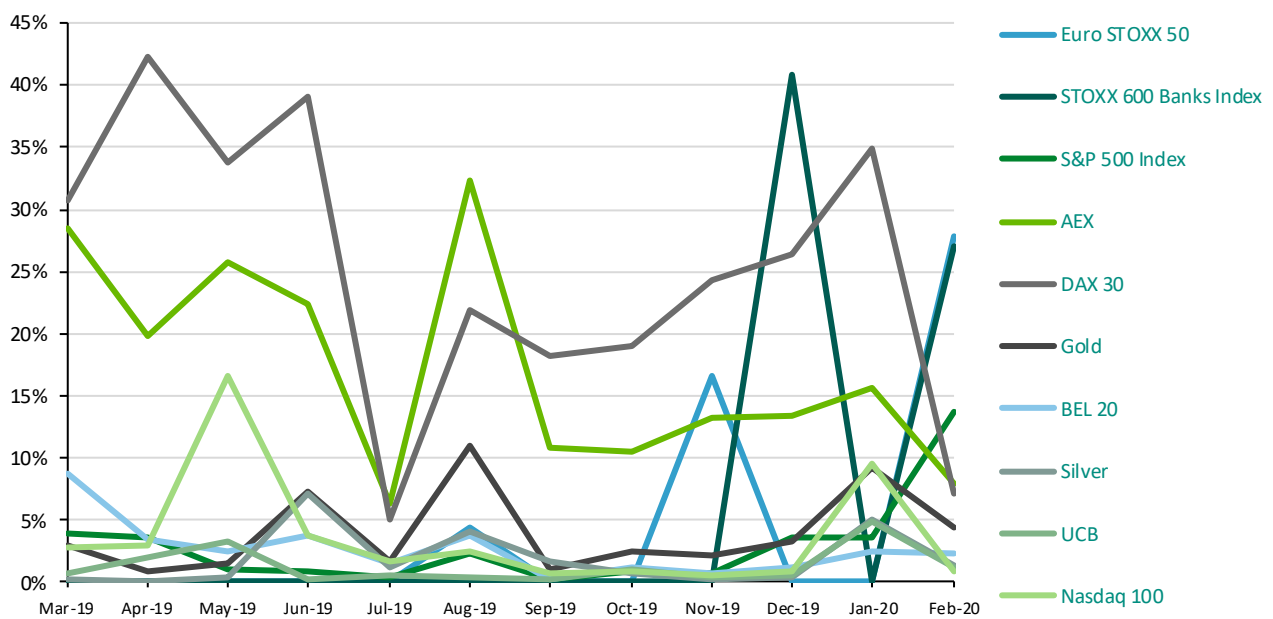
(Source Euronext)



TOP 10 UNDERLYINGS

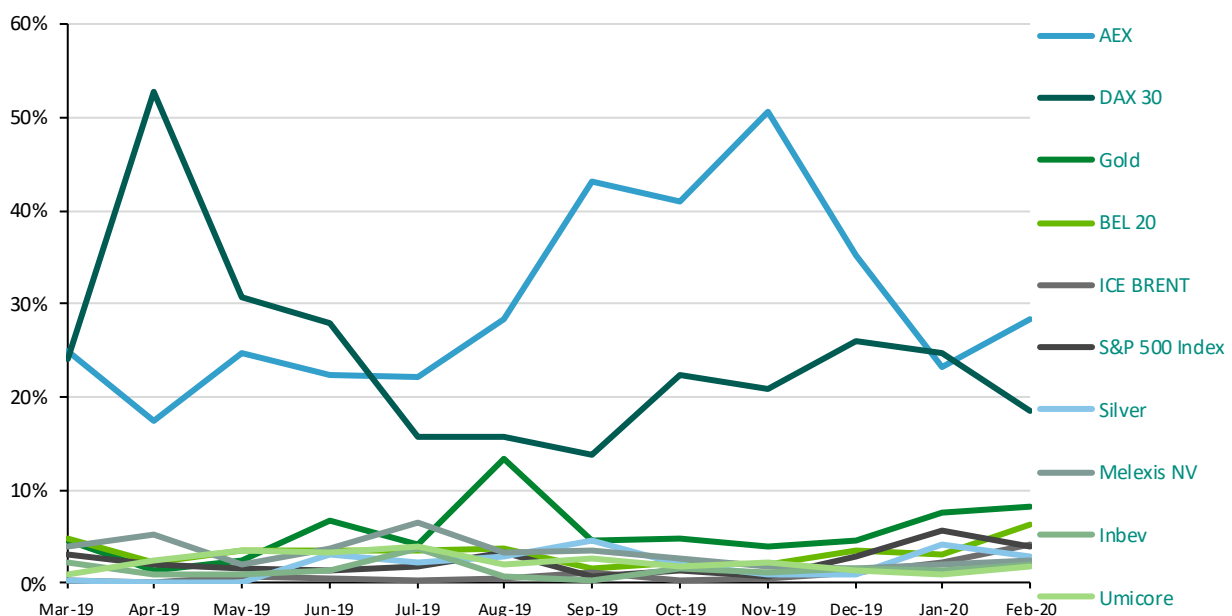
Market Trend: Value traded

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

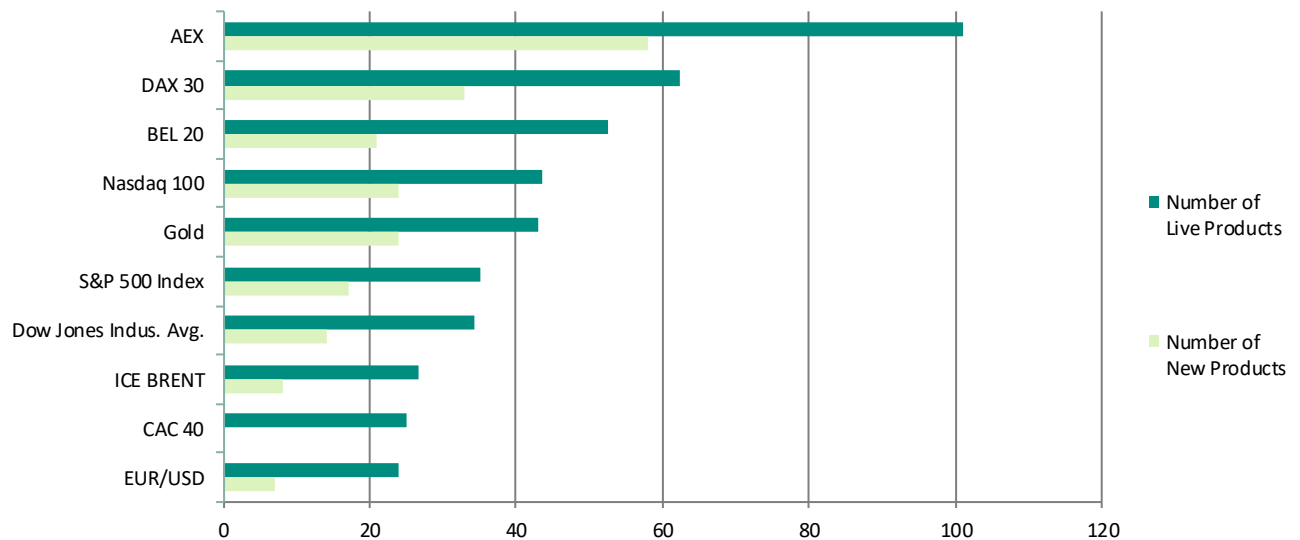
Product Overview

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	101	0.2%	7.7%	12.0%	58	93%	37%	20.9%
DAX 30	62	1.5%	14.3%	7.4%	33	27%	11.9%	11.9%
BEL 20	53	-3.3%	11.4%	6.2%	21	24%	47%	7.6%
Nasdaq 100	43	11.8%	41%	5.1%	24	85%	72%	8.6%
Gold	43	5.8%	17.0%	5.1%	24	41%	31%	8.6%
S&P 500 Index	35	7.9%	30%	4.2%	17	143%	94%	6.1%
Dow Jones Indus. Avg.	34	1.2%	17.3%	4.1%	14	75%	34%	5.0%
ICE BRENT	27	3.1%	5.5%	3.2%	8	-20.0%	41%	2.9%
CAC 40	25	-0.7%	-7.1%	3.0%	0		-100%	0.0%
EUR/USD	24	6.5%	9.6%	2.8%	7	75%	62%	2.5%
Other	397	-0.4%	3.2%	47.0%	72			25.9%
Total	845	1.2%	8.5%	100%	278	57.1%	36.4%	100%

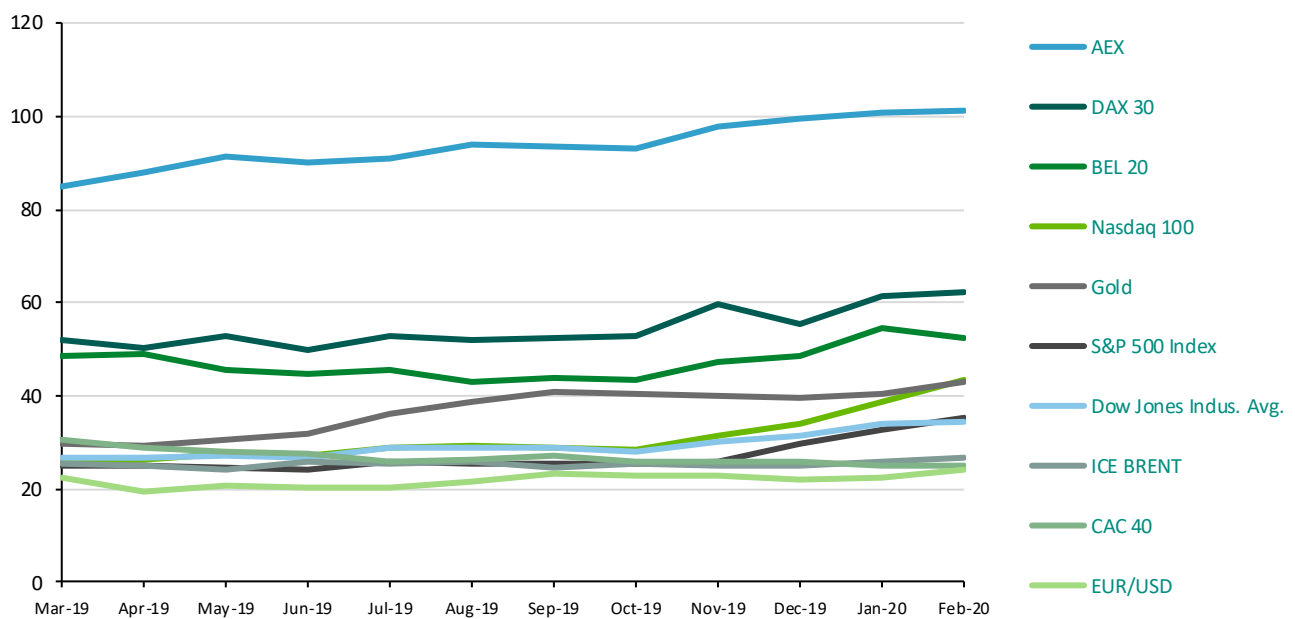
(Source Euronext)



TOP 10 UNDERLYINGS

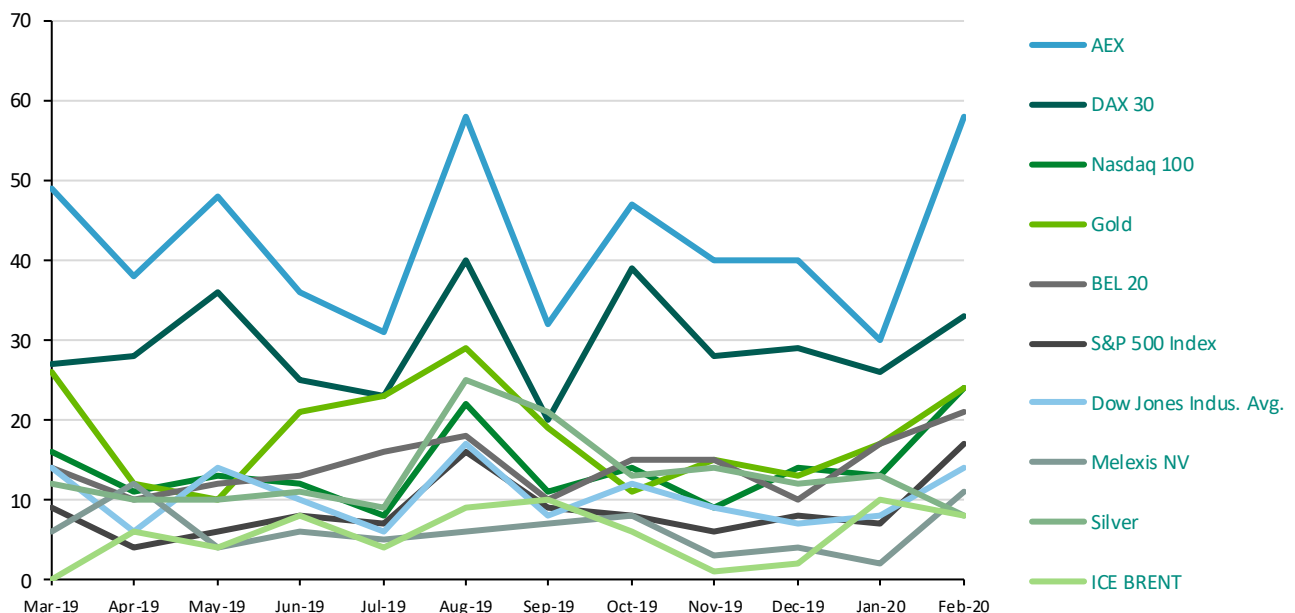
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 50 TRADED PRODUCTS

Top 50 traded products

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

ISIN Code	Issuer		Product Type	Underlying	Value Traded (in €k)	Nb of Trades
LU2114937472	KBC	1260	Express Certificates	Euro STOXX 50	5,865	33
LU2114939502	KBC	1260	Express Certificates	STOXX 600 Banks Index	4,598	25
LU2114944841	KBC	1260	Express Certificates	S&P 500 Index	3,555	24
LU2114939767	KBC	1260	Express Certificates	STOXX 600 Banks Index	3,337	21
LU2114936748	KBC	1260	Express Certificates	Euro STOXX 50	2,296	13
DE000CJ3M7Z6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	783	438
DE000CJ3M502	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	266	55
DE000CJ3M6W5	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	245	68
LU2114944502	KBC	1260	Express Certificates	S&P 500 Index	231	1
DE000CJ3MPPE5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	225	80
DE000CJ3MNM3	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	221	63
DE000CJ3MUS5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	196	225
DE000CJ3MLE4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	194	43
DE000CJ3M0C0	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	157	56
DE000CJ3M3Q4	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	156	61
DE000CJ3LU83	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	156	13
DE000CJ3K803	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	148	78
DE000CJ3M7C5	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	144	38
DE000CJ3M3F7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	136	68
DE000CN91567	Commerzbank	2210	Mini-Futures	BEL 20	135	9
DE000CJ3M874	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	129	41
DE000CJ3M858	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	126	80
DE000CJ3M7H4	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	124	47
DE000CJ3MWK8	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	123	62
DE000CJ3M7L6	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	118	54
DE000CJ3M7R3	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	116	17
DE000CJ3K852	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	111	45
DE000CJ3LXY9	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	104	40
DE000CJ3M5D7	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	103	26
DE000CJ3MXH2	Commerzbank	2205	Open-End Knock-Out Warrants	Gold	97	66
DE000CJ3M130	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	97	34
DE000CJ3M6P9	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	94	85
DE000CJ3MYP3	Commerzbank	2210	Mini-Futures	BEL 20	90	9
DE000CJ3M775	Commerzbank	2205	Open-End Knock-Out Warrants	BEL 20	82	61
DE000CN1VF84	Commerzbank	2205	Open-End Knock-Out Warrants	Melexis NV	82	14
DE000CJ3M1Y2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	80	54
DE000CJ3J7V0	Commerzbank	2205	Open-End Knock-Out Warrants	ING	73	15
DE000CJ3KX81	Commerzbank	2300	Constant Leverage Certificate	ICE BRENT	69	91
DE000CJ3KZD0	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	67	28
DE000CJ3MMP8	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	66	14
DE000CJ3M0P2	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	65	20
DE000CJ3K928	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	63	23
DE000CJ3M8B5	Commerzbank	2205	Open-End Knock-Out Warrants	DAX 30	63	22
DE000CJ3M5K2	Commerzbank	2205	Open-End Knock-Out Warrants	AEX	62	63
DE000CJ3M8M2	Commerzbank	2205	Open-End Knock-Out Warrants	Dow Jones Indus. Avg.	60	46
DE000CJ3LZ13	Commerzbank	2205	Open-End Knock-Out Warrants	Silver	57	8
DE000CN91443	Commerzbank	2210	Mini-Futures	BEL 20	57	39
DE000CJ3NAD7	Commerzbank	2205	Open-End Knock-Out Warrants	Nasdaq 100	54	8
DE000CJ3M361	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	53	13
DE000CJ3MMY0	Commerzbank	2205	Open-End Knock-Out Warrants	UCB	53	9

(Source Euronext)



Euronext Lisbon

ISSUERS

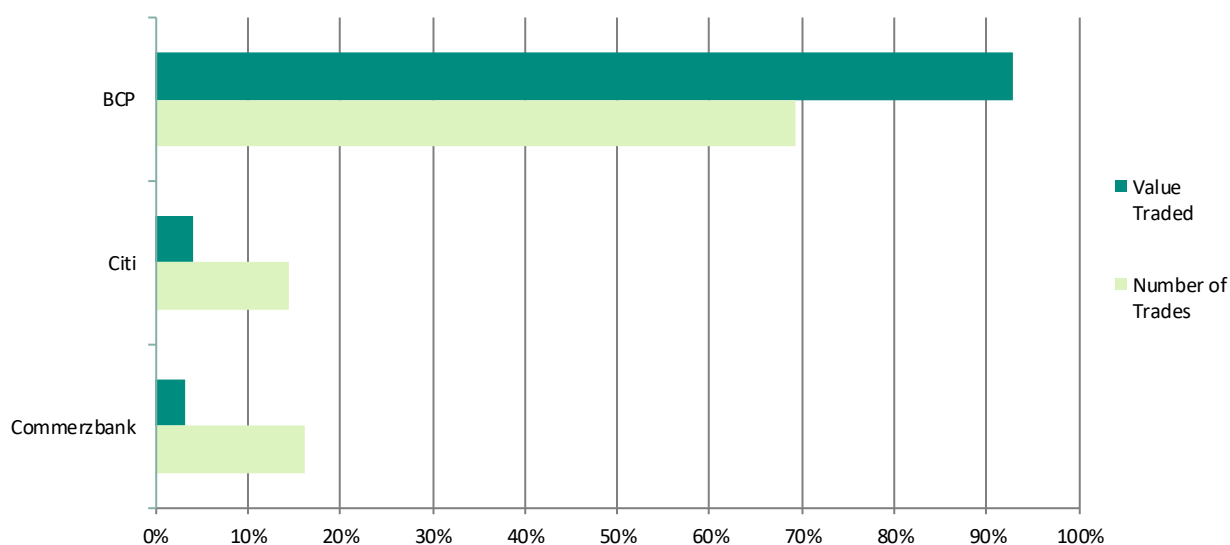
Market Overview

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

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

Issuers	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
BCP	5,734	-19.0%	10.3%	92.8%	402	-16.2%	18.2%	69.3%
Citi	245	76%	107%	4.0%	84	51.2%	115.7%	14.5%
Commerzbank	202	-4.6%	34%	3.3%	94	11.7%	40.2%	16.2%
Total	6,180	-16.8%	13.1%	100%	580	-6.3%	30.1%	100%

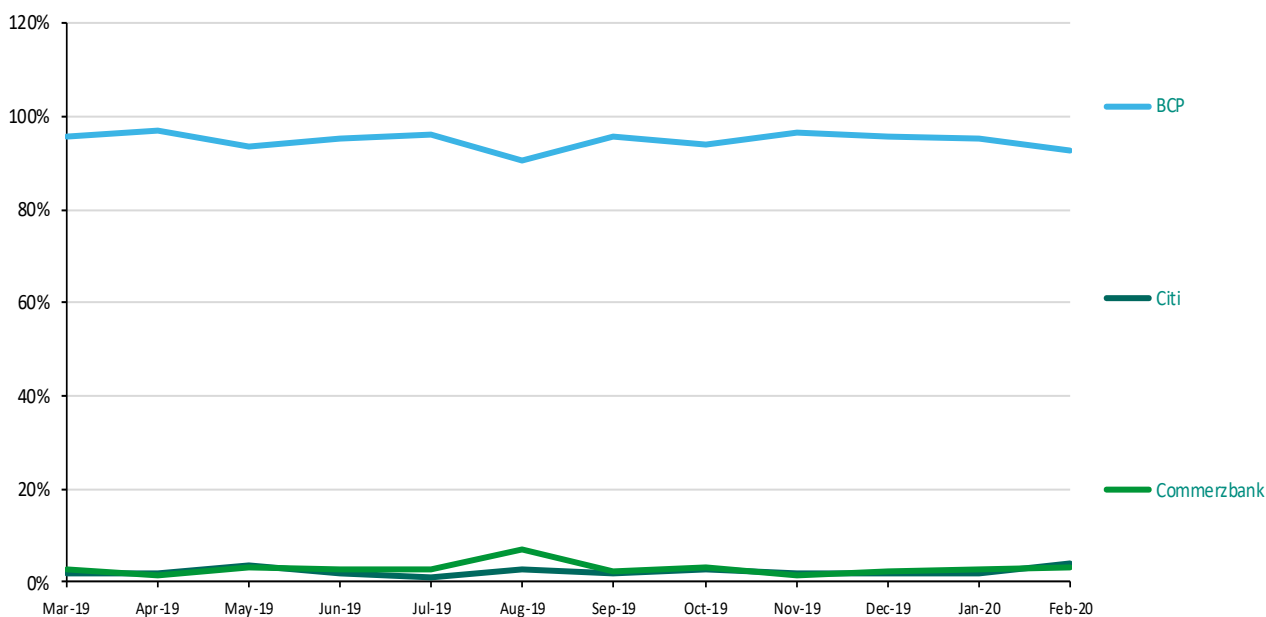
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ISSUERS

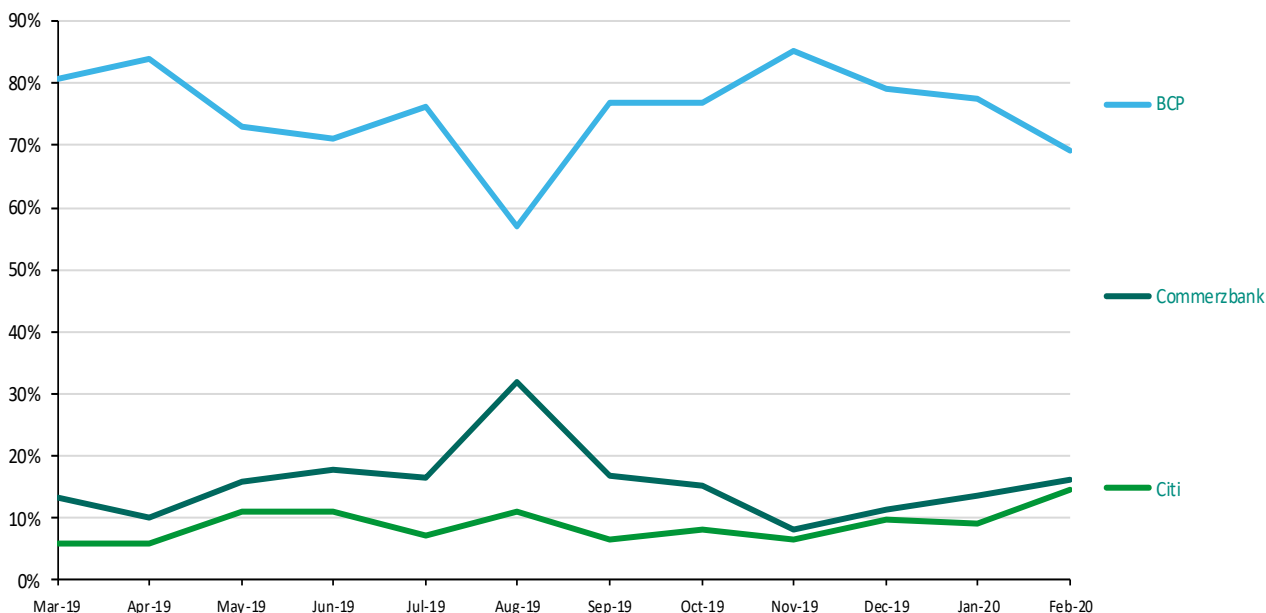
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

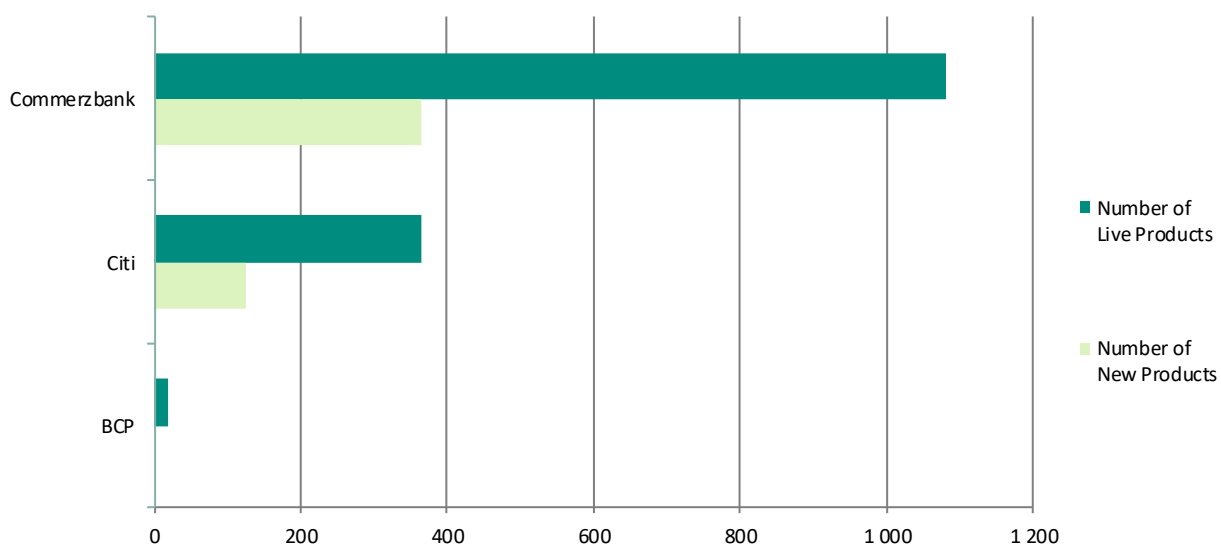
Product Overview

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

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

Issuers	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Commerzbank	1,082	0.5%	-4.9%	73.9%	365	288%	42%	74.6%
Citi	365	15.9%	-11.3%	24.9%	124	-23%	2.4%	25.4%
BCP	18	-15.2%	-17.3%	1.2%	0			0.0%
Total	1,465	3.7%	-6.8%	100%	489	91.8%	29.1%	100%

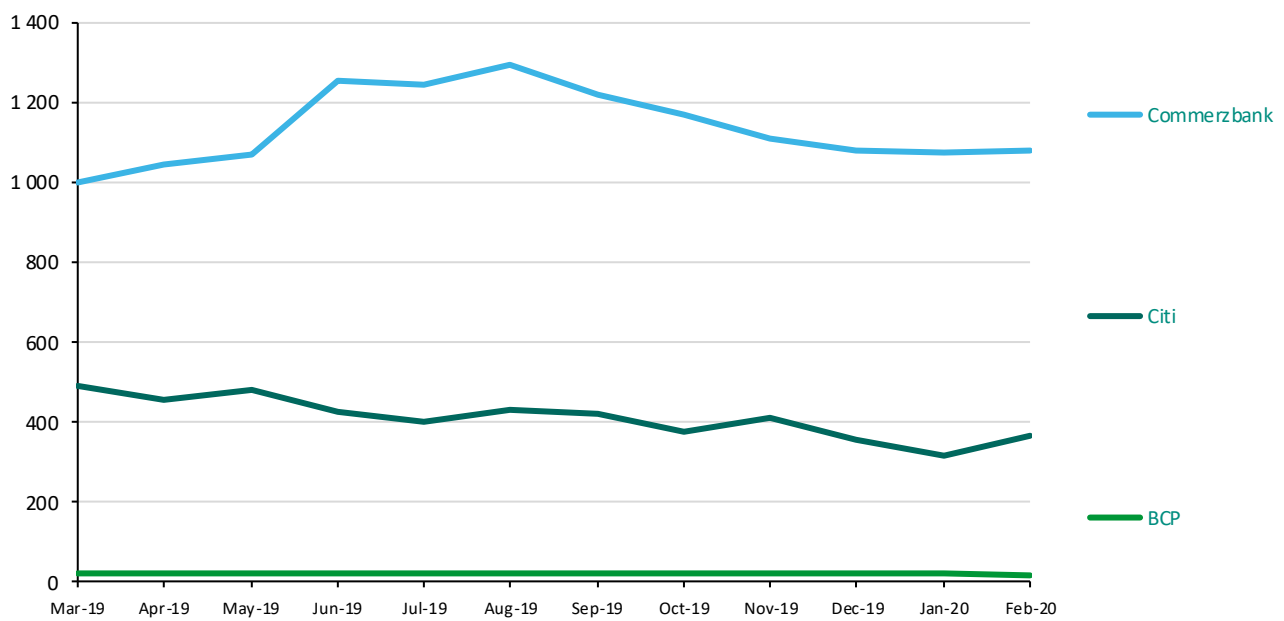
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ISSUERS

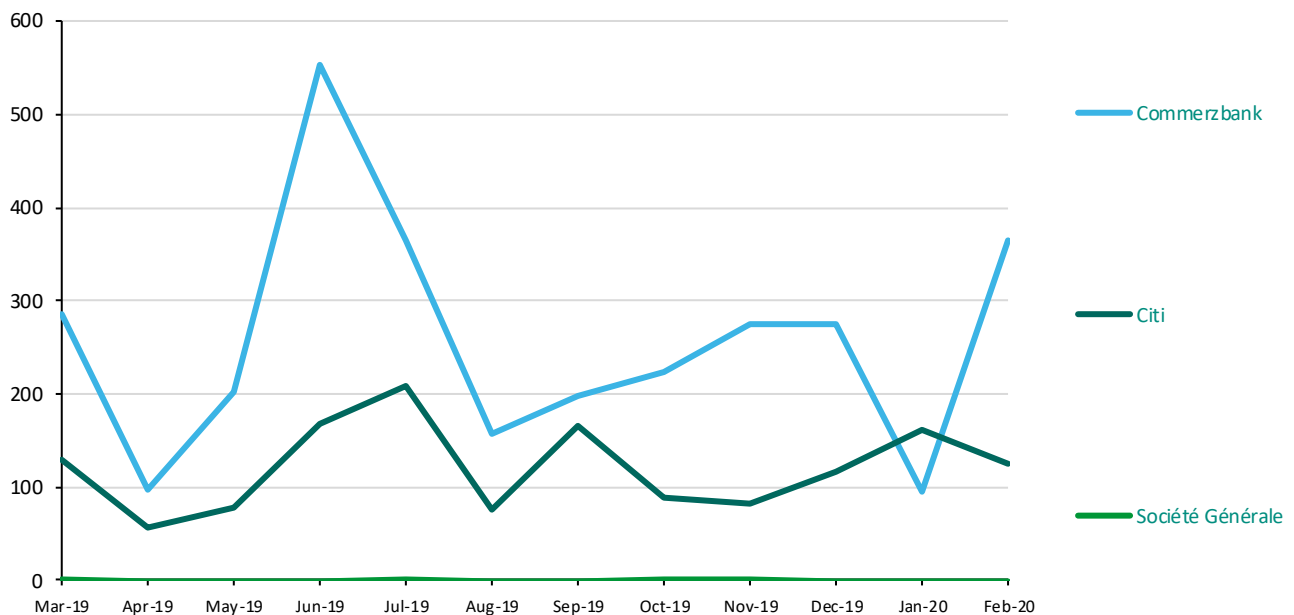
Product Trend: Number of Live Products

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)

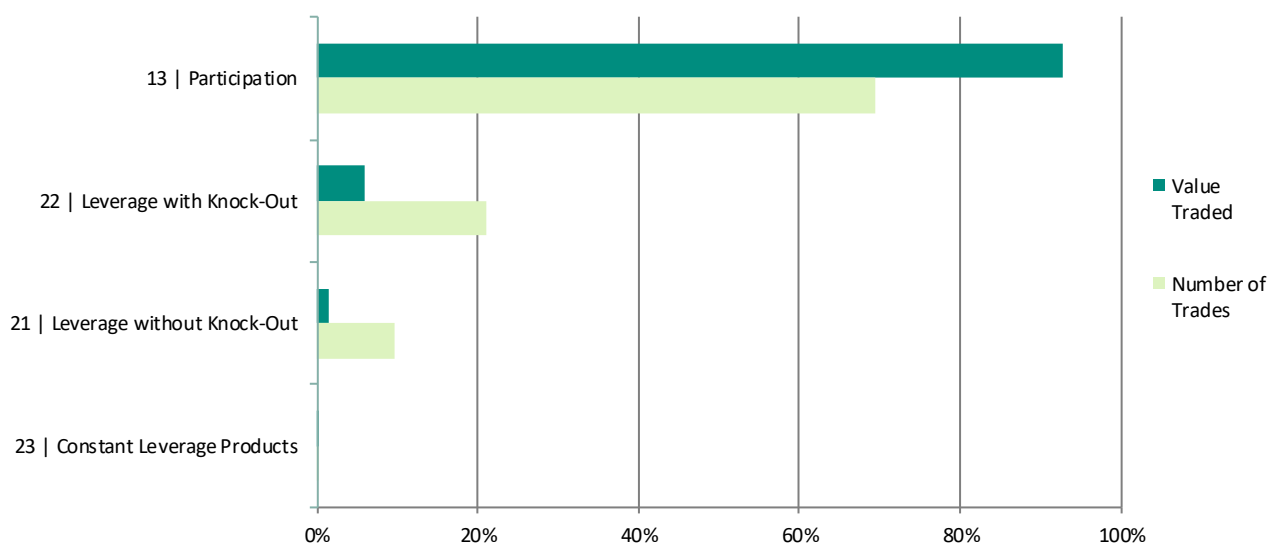
Market Overview

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	5,734	-19.0%	10.3%	92.8%	402	-16.2%	18.2%	69.3%
22 Leverage with Knock-Out	359	39%	81%	5.8%	122	18.7%	61.2%	21.0%
21 Leverage without Knock-Out	86	3.6%	43%	1.4%	56	51.6%	90.2%	9.6%
23 Constant Leverage Products	1	-89%	-90%	0.0%	0.7	78.8%	-42.5%	0.1%
Total	6,180	-16.8%	13.1%	100%	580	-6.3%	30.1%	100%

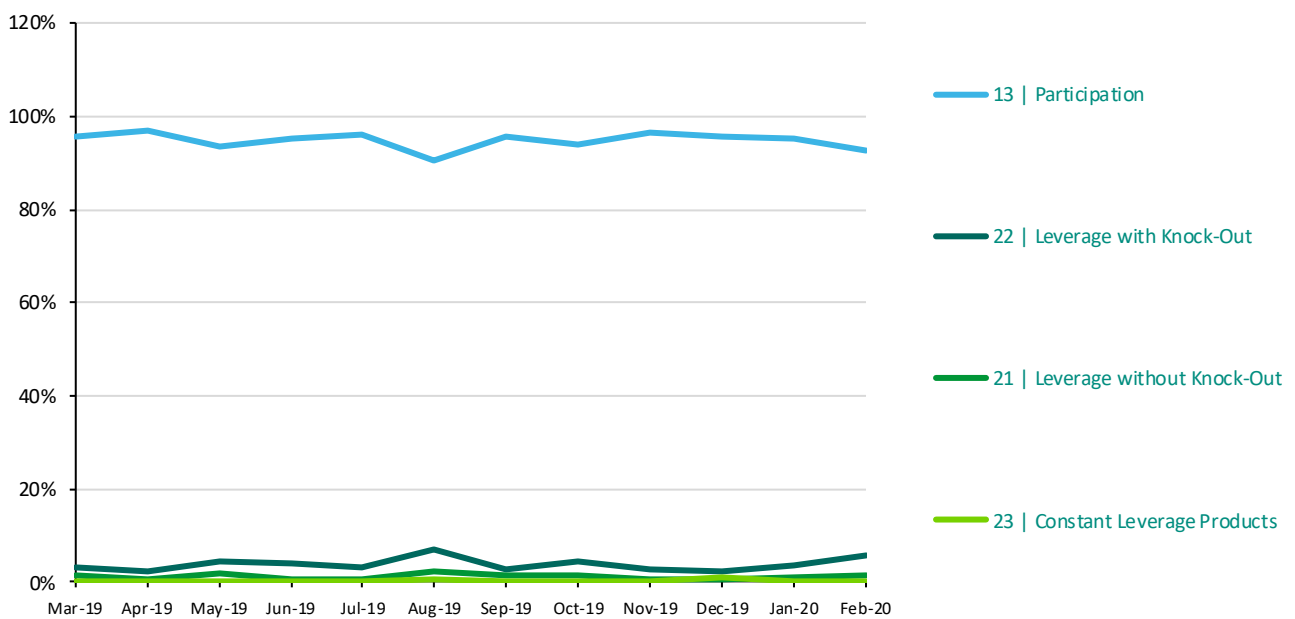
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

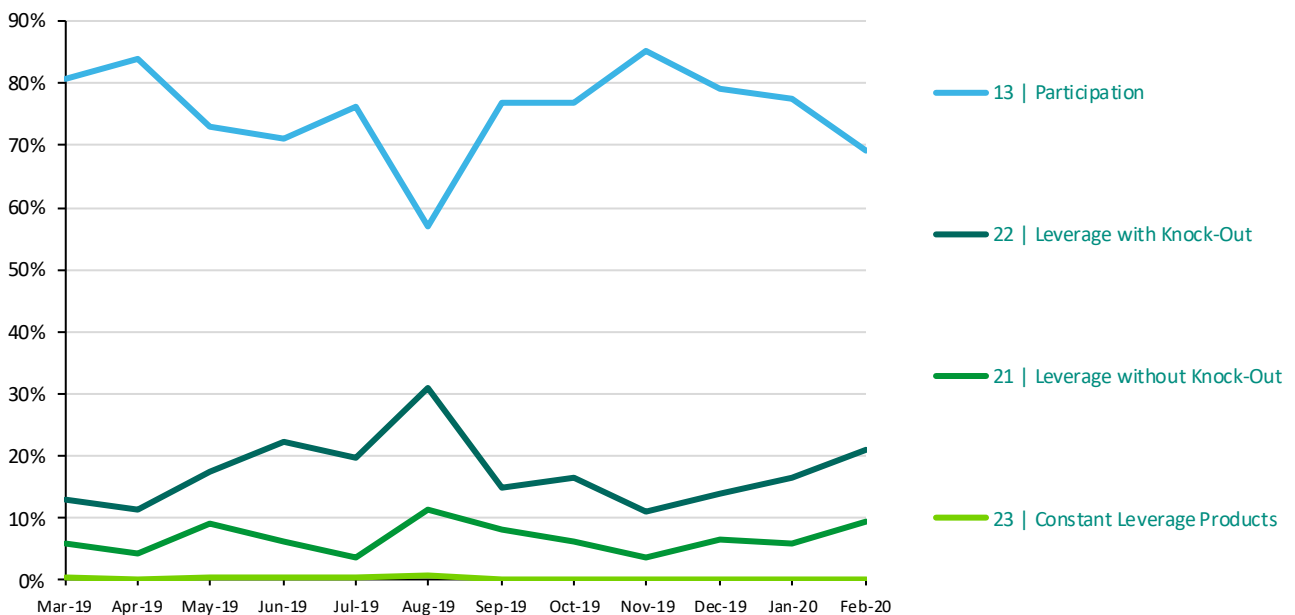
Market Trend: Value traded

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

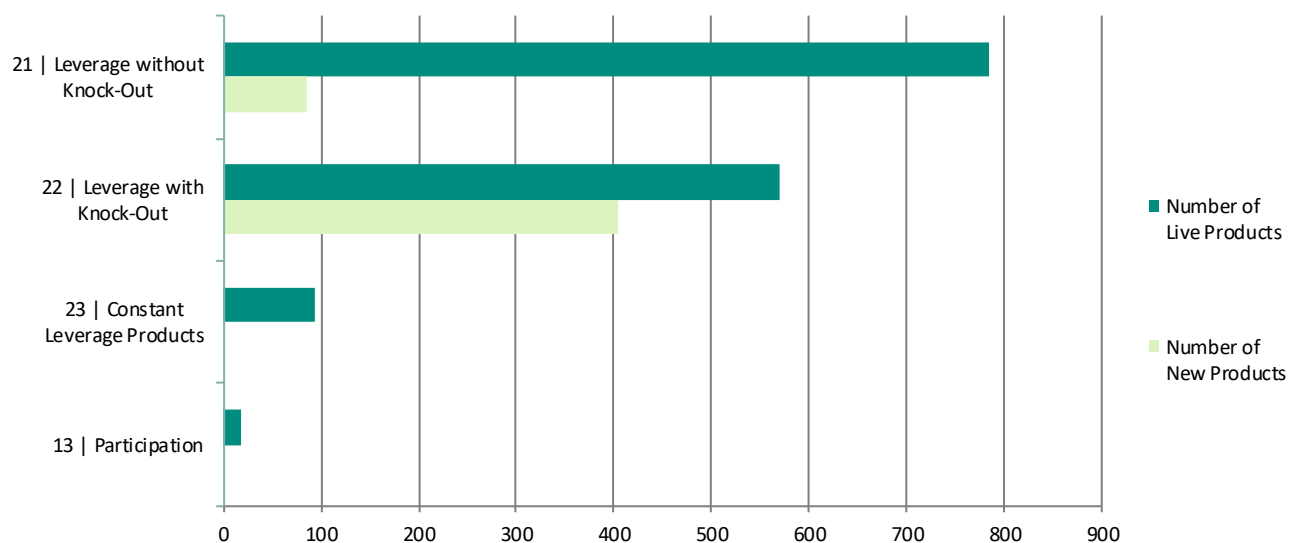
Product Overview

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	784	2.1%	-13.0%	53.5%	85	9.0%	-14.4%	17.4%
22 Leverage with Knock-Out	570	7.8%	4.6%	38.9%	404	128%	47%	82.6%
23 Constant Leverage Products	93	-2.1%	-9.9%	6.4%	0		-100%	0.0%
13 Participation	18	-15.2%	-17.3%	1.2%	0			0.0%
Total	1,465	3.7%	-6.8%	100%	489	91.8%	29.1%	100%

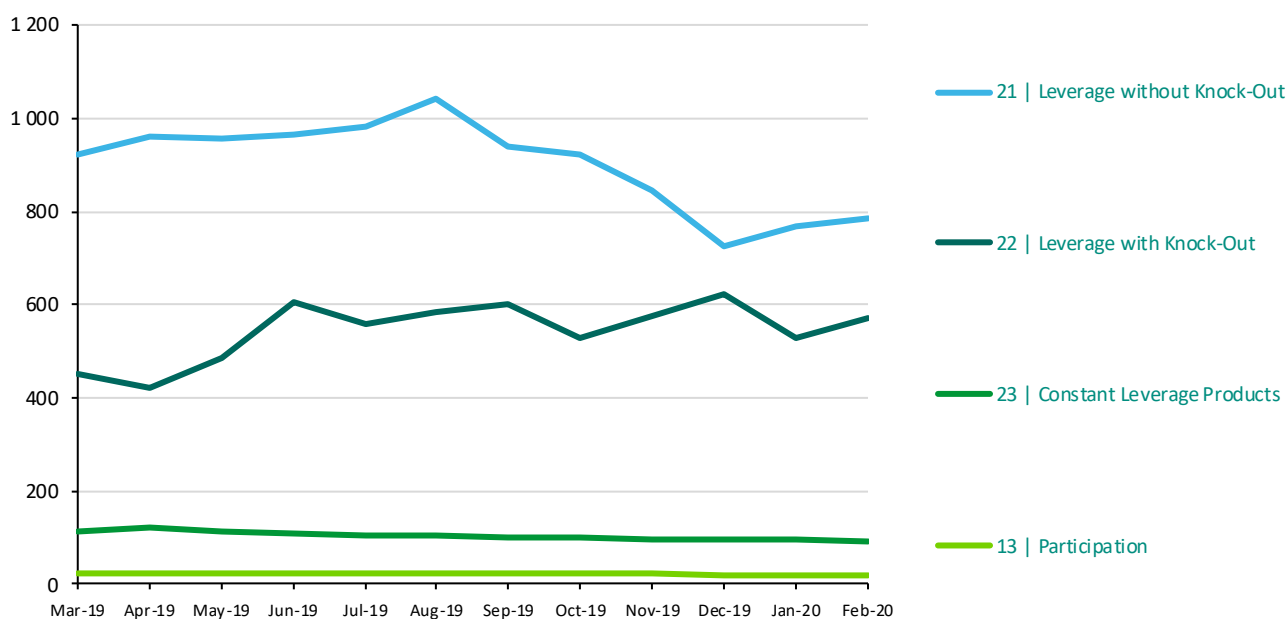
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

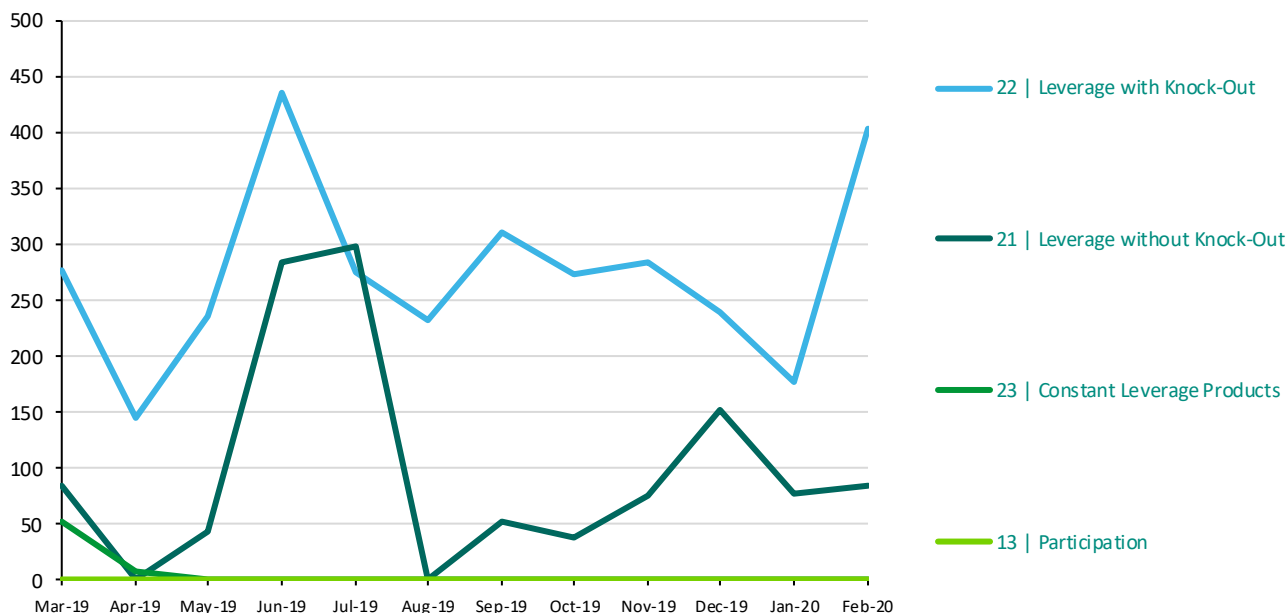
Product Trend: Number of Live Products

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)

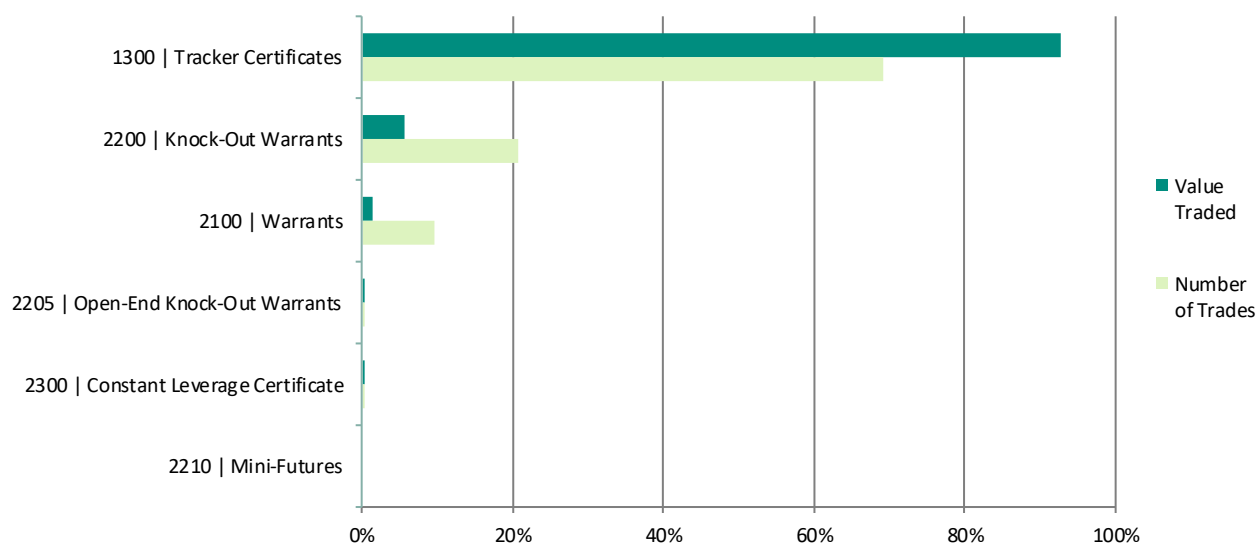
Market Overview

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	5,734	-19.0%	10.3%	92.8%	402	-16.2%	18.2%	69.3%
2200 Knock-Out Warrants	357	38%	83%	5.8%	121	18.2%	63%	20.9%
2100 Warrants	86	3.6%	43%	1.4%	56	52%	90%	9.6%
2205 Open-End Knock-Out Warrants	2	NA	-23%	0.0%	0.8	193%	-46%	0.1%
2300 Constant Leverage Certificate	1	-89%	-90%	0.0%	0.7	79%	-42%	0.1%
2210 Mini-Futures	0		-100%	0.0%	0.0		-100%	0.0%
Total	6,180	-16.8%	13.1%	100%	580	-6.3%	30.1%	100%

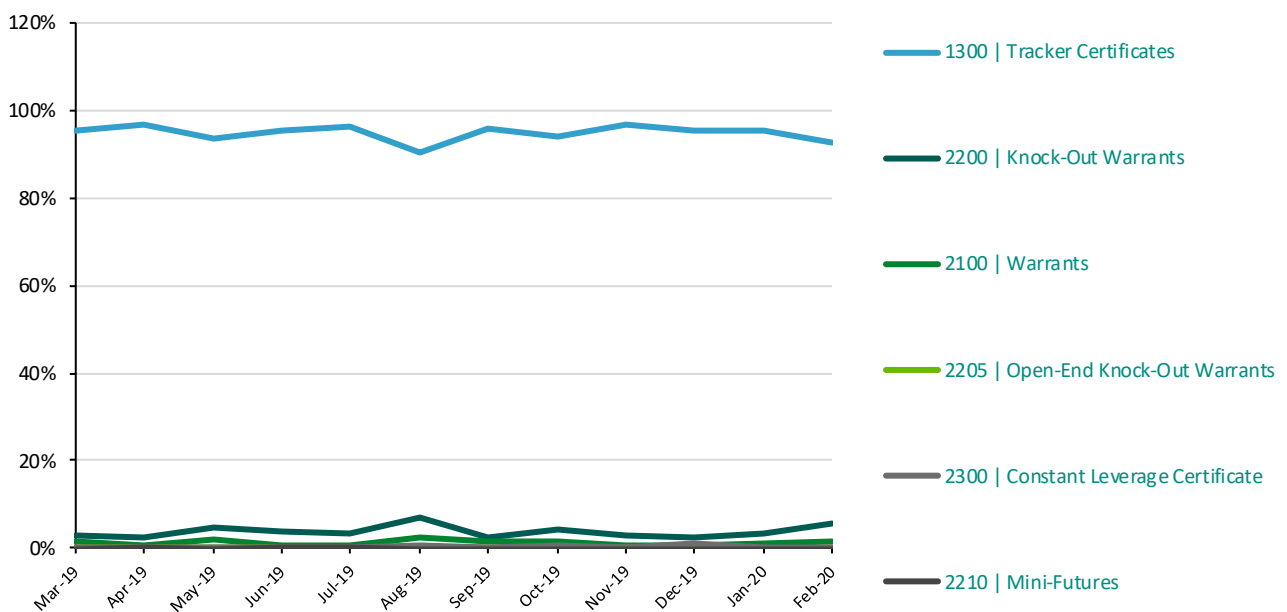
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

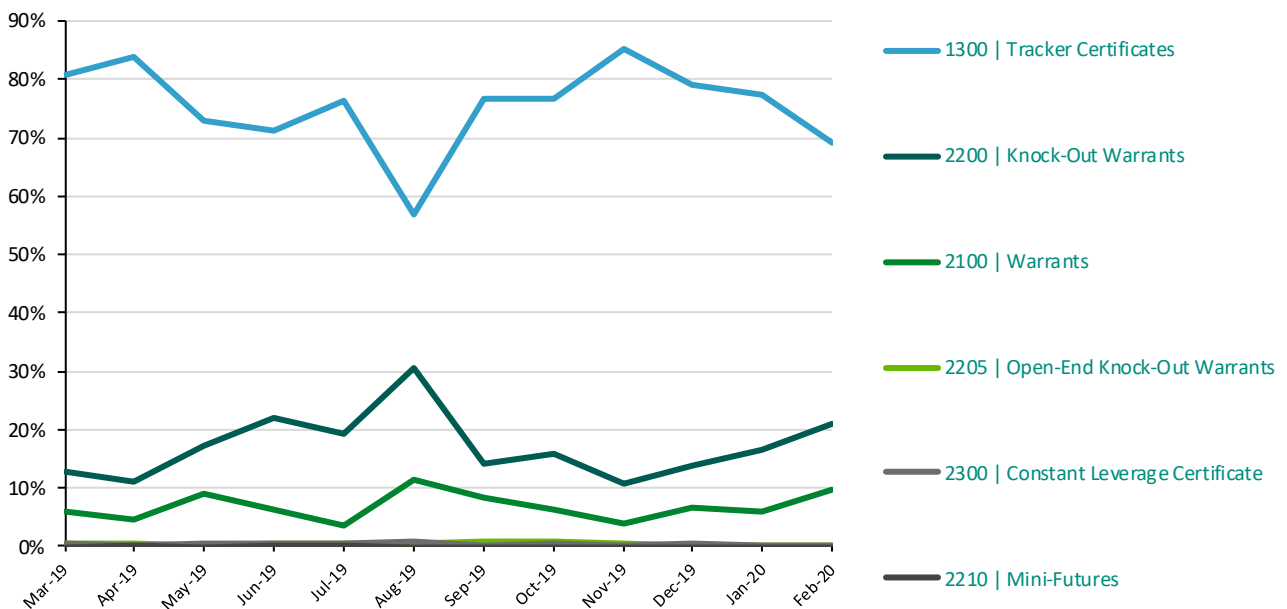
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

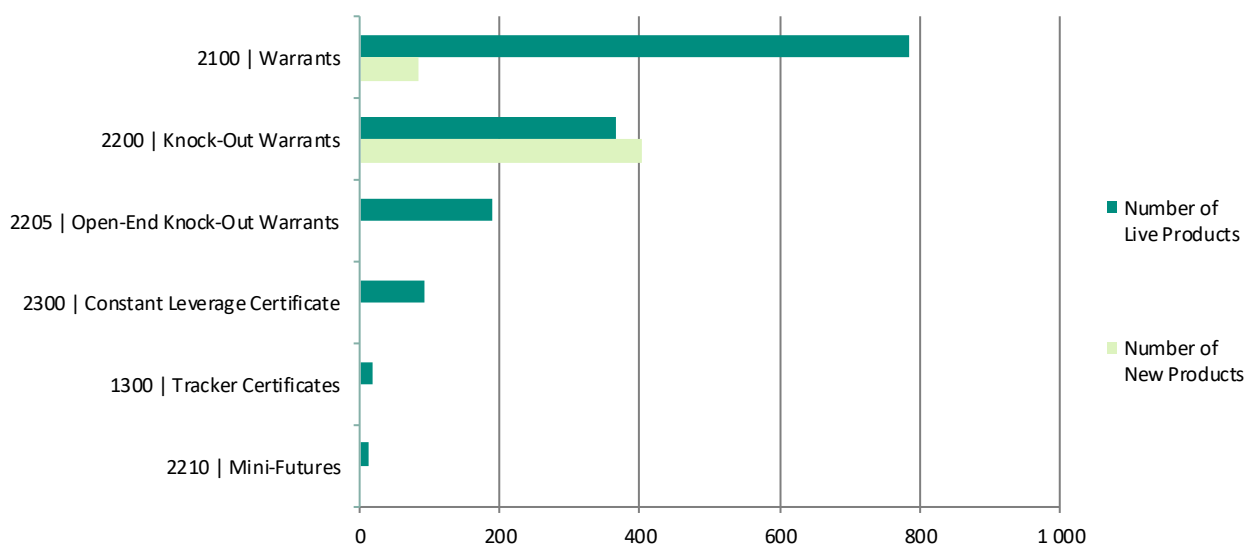
Product Overview

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

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

Product Types (EUSIPA Categorization Level 3)	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
2100 Warrants	784	2.1%	-13.0%	53.5%	85	9.0%	-14.4%	17.4%
2200 Knock-Out Warrants	367	22%	8.7%	25.0%	404	128%	70%	82.6%
2205 Open-End Knock-Out Warrants	190	-11.8%	-0.3%	13.0%	0		-100%	0.0%
2300 Constant Leverage Certificate	93	-2.1%	-9.9%	6.4%	0		-100%	0.0%
1300 Tracker Certificates	18	-15.2%	-17.3%	1.2%	0			0.0%
2210 Mini-Futures	13	0.0%	-22%	0.9%	0			0.0%
Total	1,465	3.7%	-6.8%	100%	489	91.8%	29.1%	100%

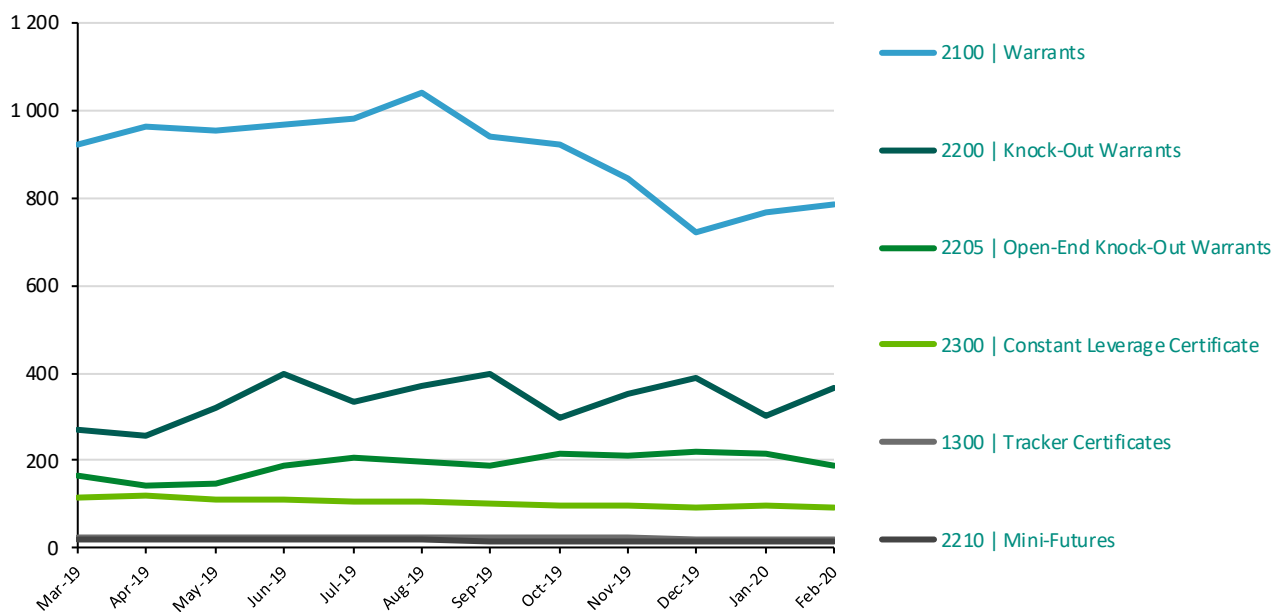
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

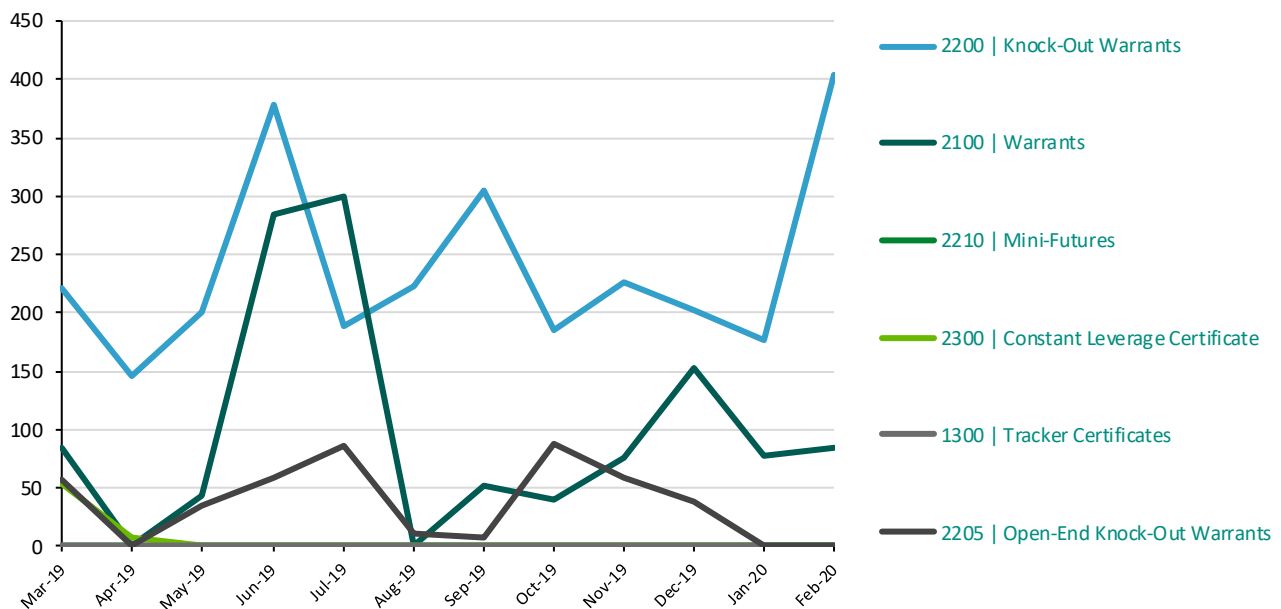
Product Trend: Number of Live Products

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

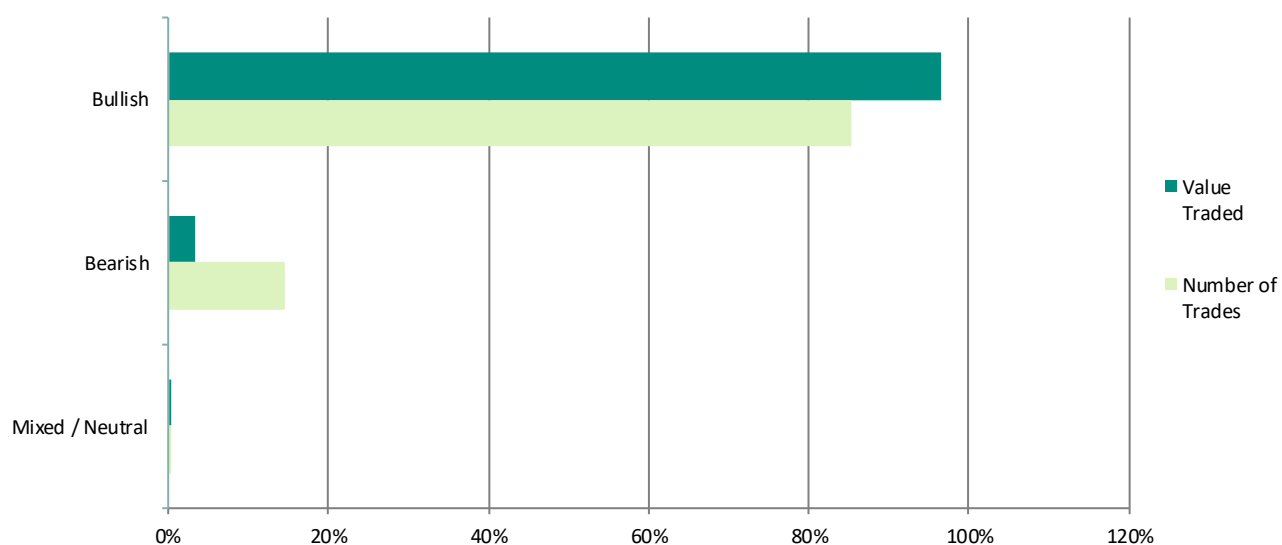
Market Overview

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	5,971	-17.5%	12.1%	96.6%	495	-9.3%	26.5%	85.3%
Bearish	209	12.2%	62%	3.4%	84	15.2%	58%	14.5%
Mixed / Neutral	1	-89%	-90%	0.0%	0.7	79%	-42%	0.1%
Total	6,180	-16.8%	13.1%	100%	580	-6.3%	30.1%	100%

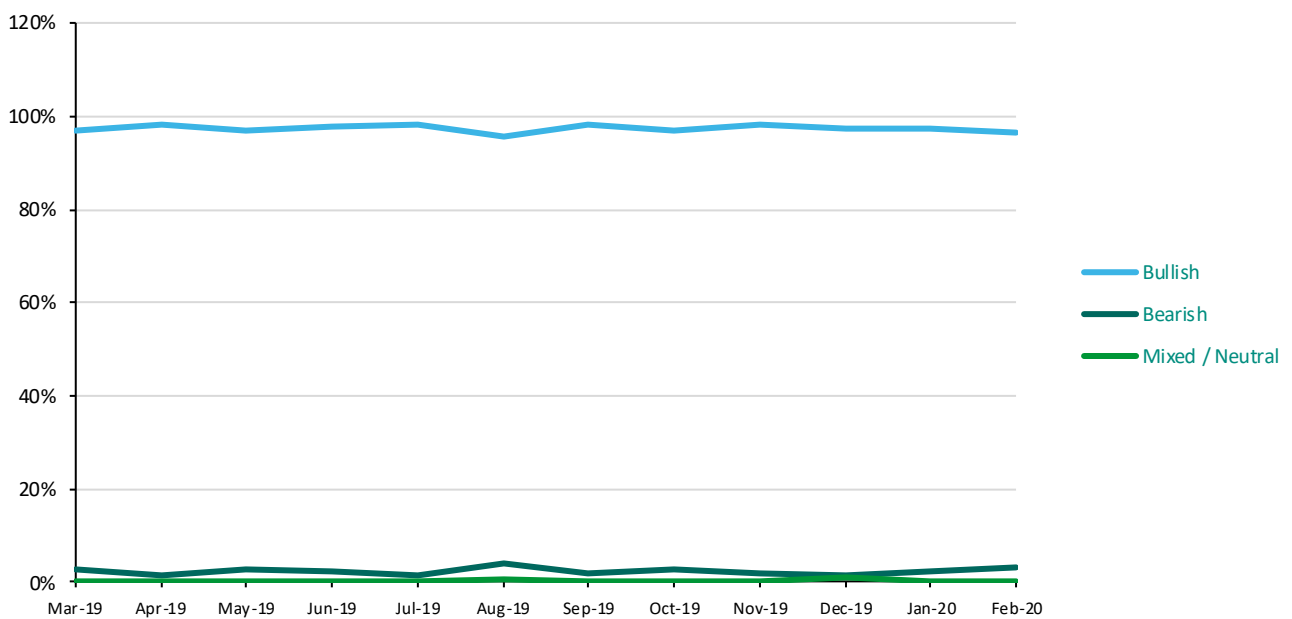
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PRODUCT STRATEGIES

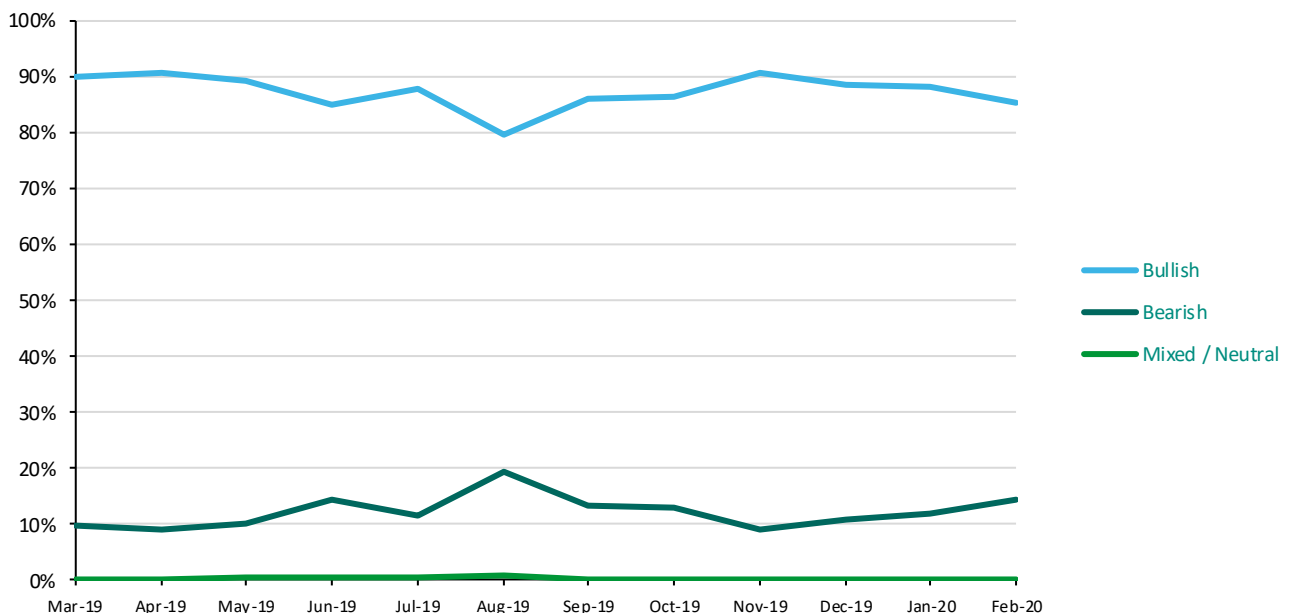
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

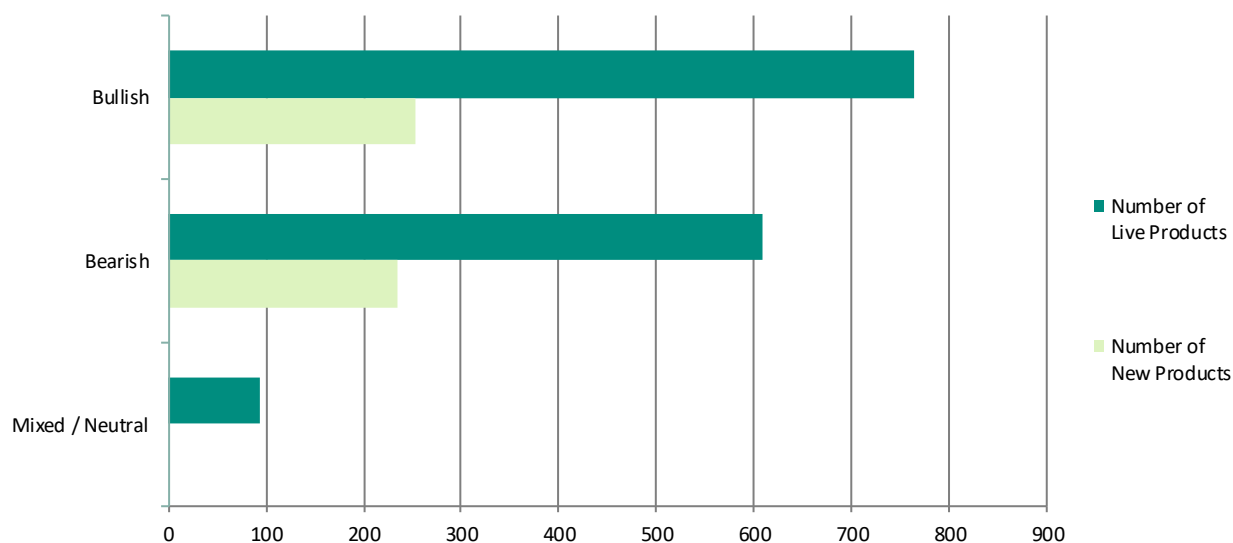
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	763	3.7%	-2.2%	52.1%	254	121%	33%	51.9%
Bearish	608	4.6%	-11.5%	41.5%	235	68%	28%	48.1%
Mixed / Neutral	93	-2.1%	-9.9%	6.4%	0		-100%	0.0%
Total	1,465	3.7%	-6.8%	100%	489	91.8%	29.1%	100%

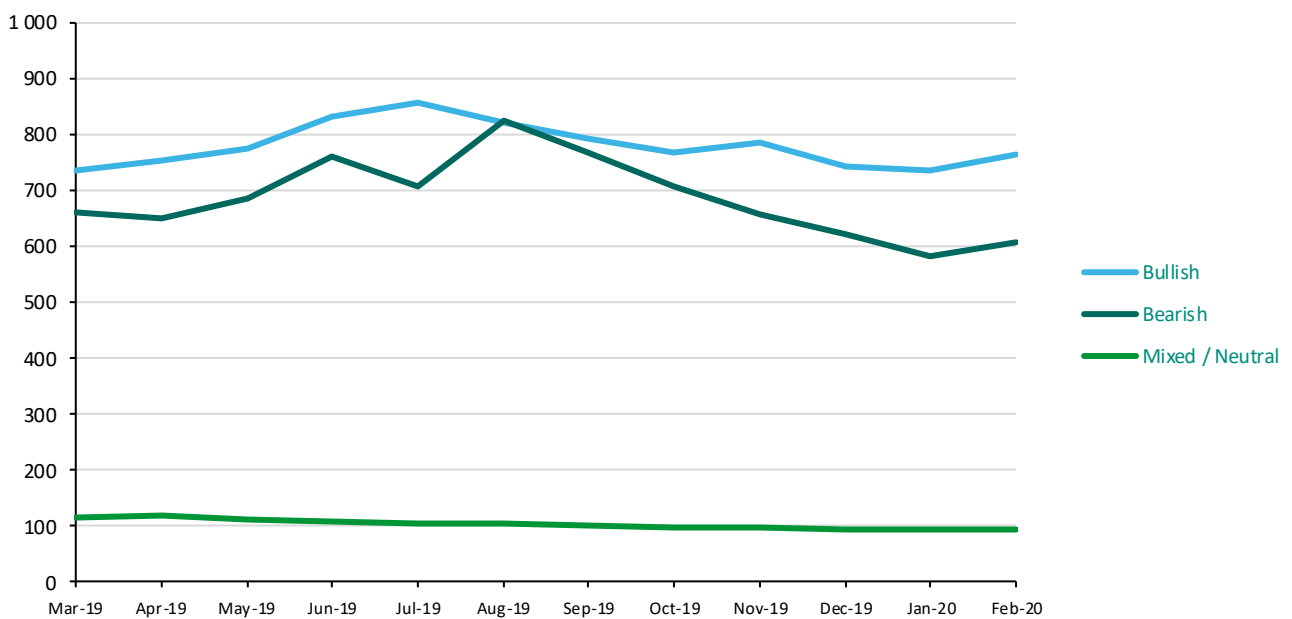
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PRODUCT STRATEGIES

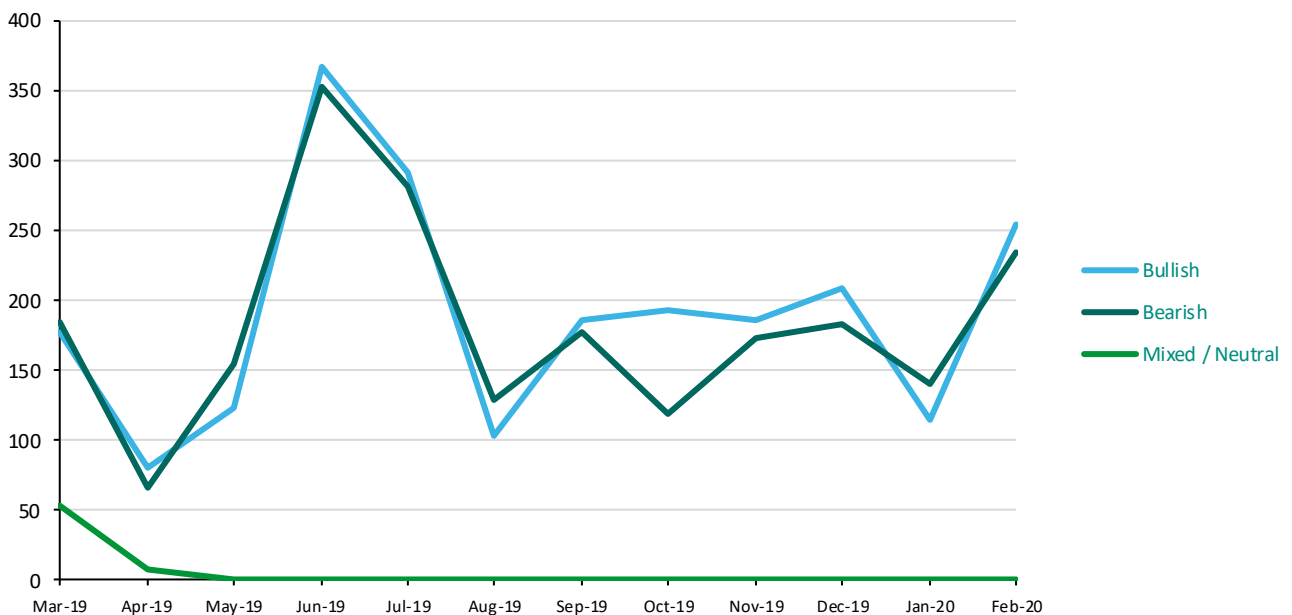
Product Trend: Number of Live Products

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

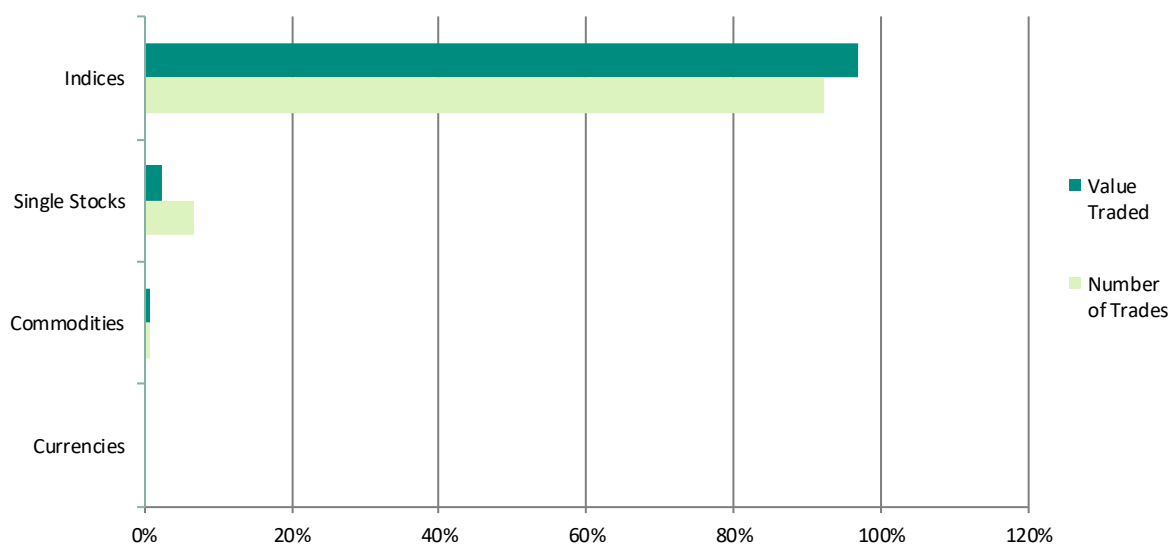
Market Overview

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	5,992	-17.2%	13.0%	97.0%	537	-8.0%	29.8%	92.5%
Single Stocks	142	41%	38%	2.3%	39	30.3%	39.8%	6.8%
Commodities	46	-49%	-19.2%	0.8%	4.4	-30.7%	7.4%	0.7%
Currencies	0		-100%	0.0%	0.1		-89.1%	0.0%
Total	6,180	-16.8%	13.1%	100%	580	-6.3%	30.1%	100%

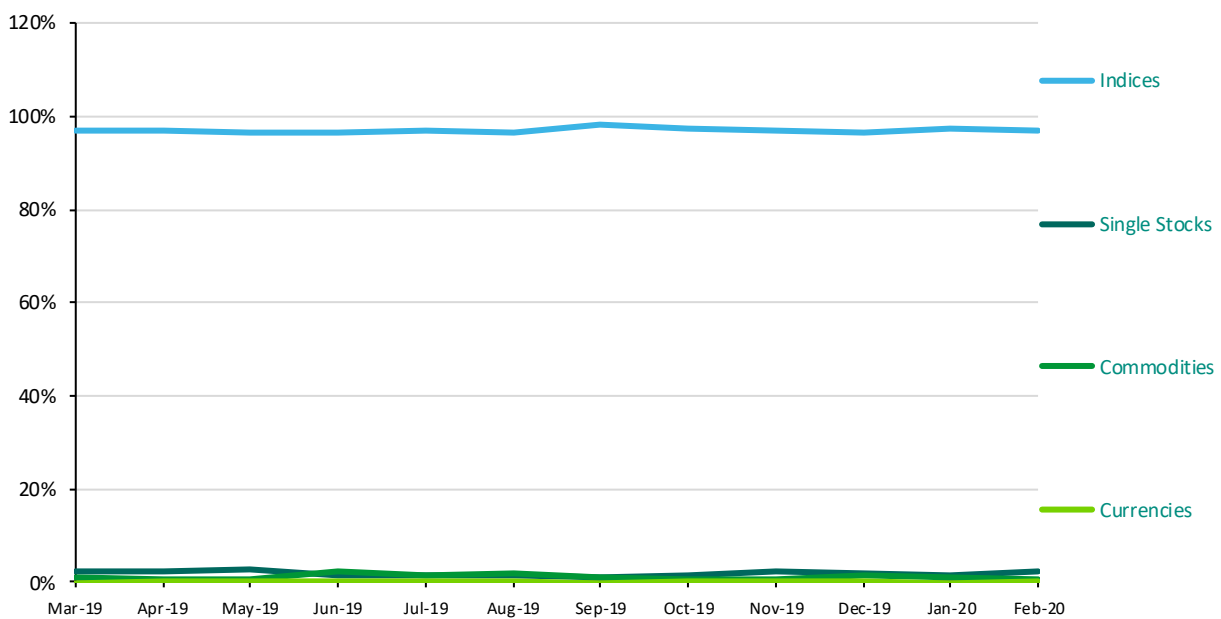
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UNDERLYING TYPES

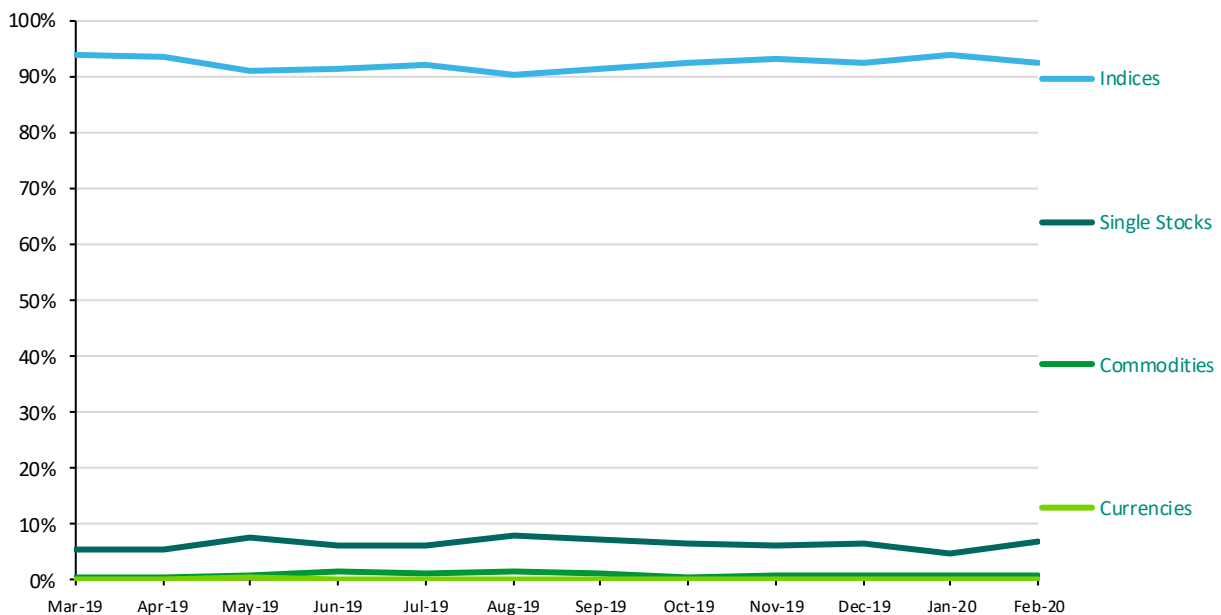
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

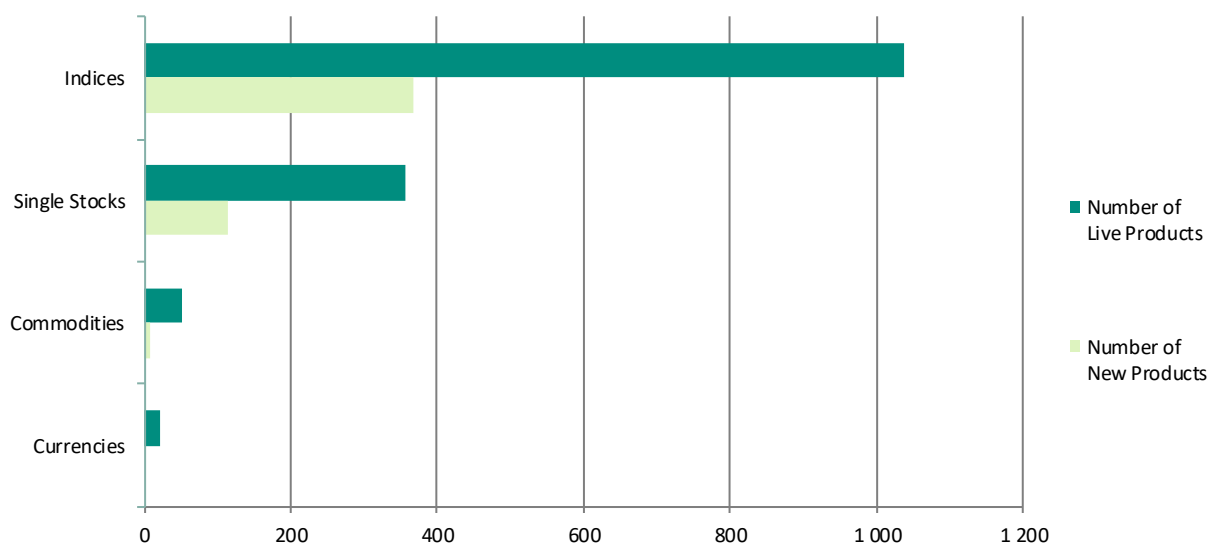
Product Overview

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

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

Underlying Types	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Indices	1,037	5.0%	-2.3%	70.8%	367	68%	32%	75.1%
Single Stocks	355	1.8%	-17.1%	24.2%	114	293%	39%	23.3%
Commodities	51	-0.6%	-6.3%	3.5%	8	14.3%	-29%	1.6%
Currencies	21	-12.5%	-17.1%	1.5%	0		-100%	0.0%
Total	1,465	3.7%	-6.8%	100%	489	91.8%	29.1%	100%

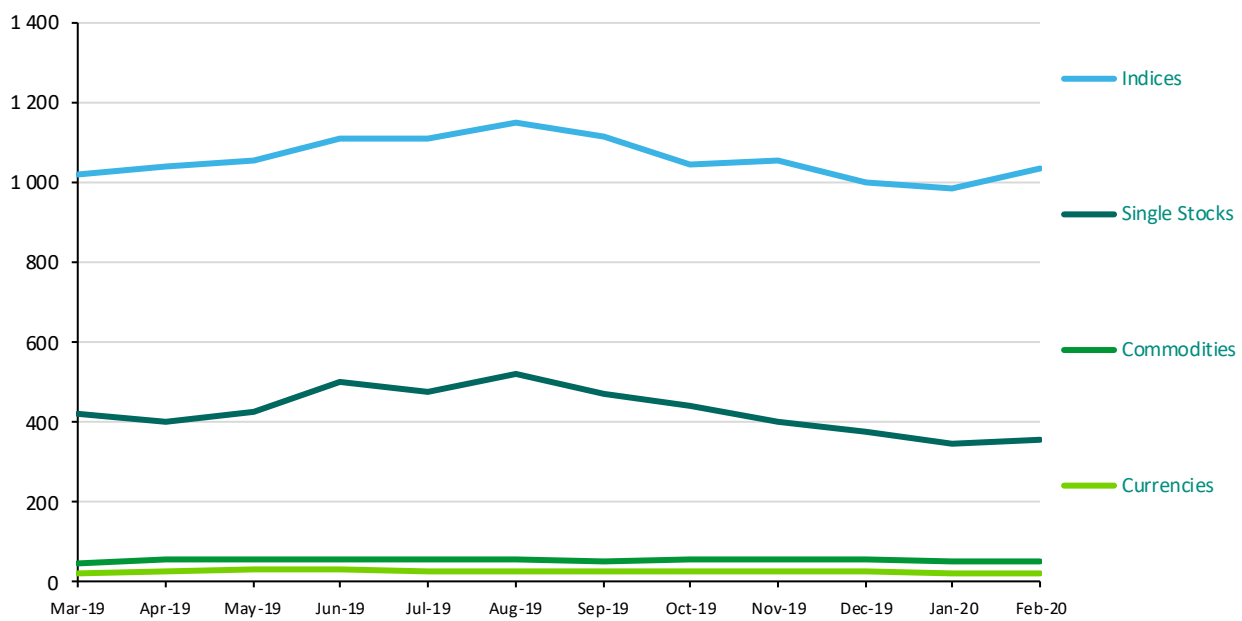
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UNDERLYING TYPES

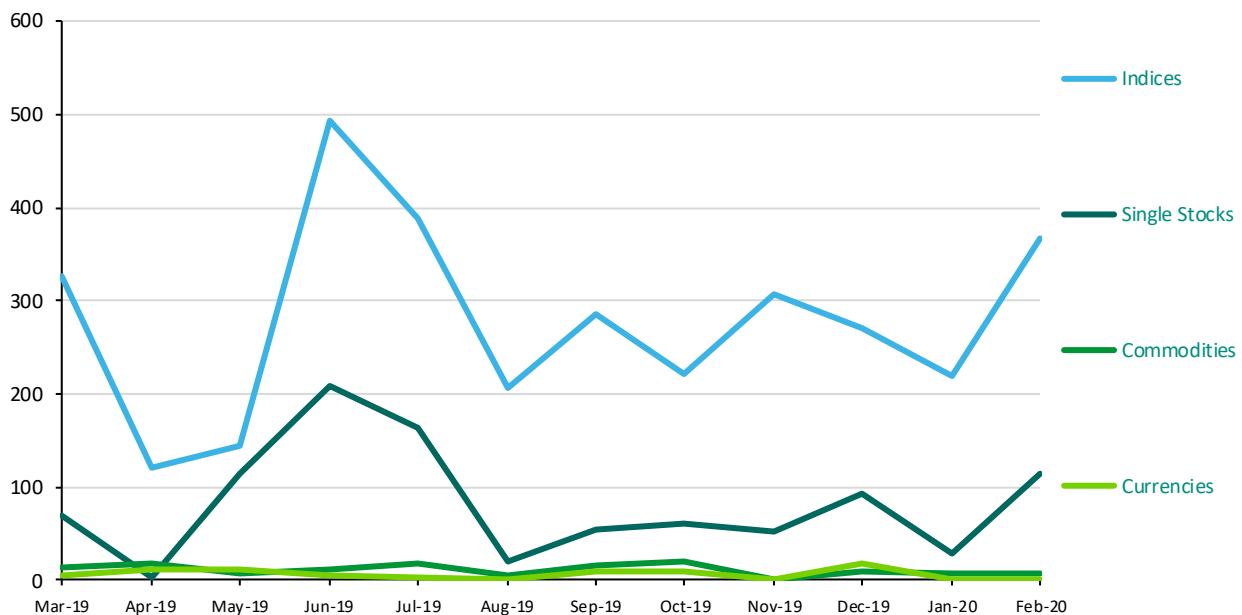
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

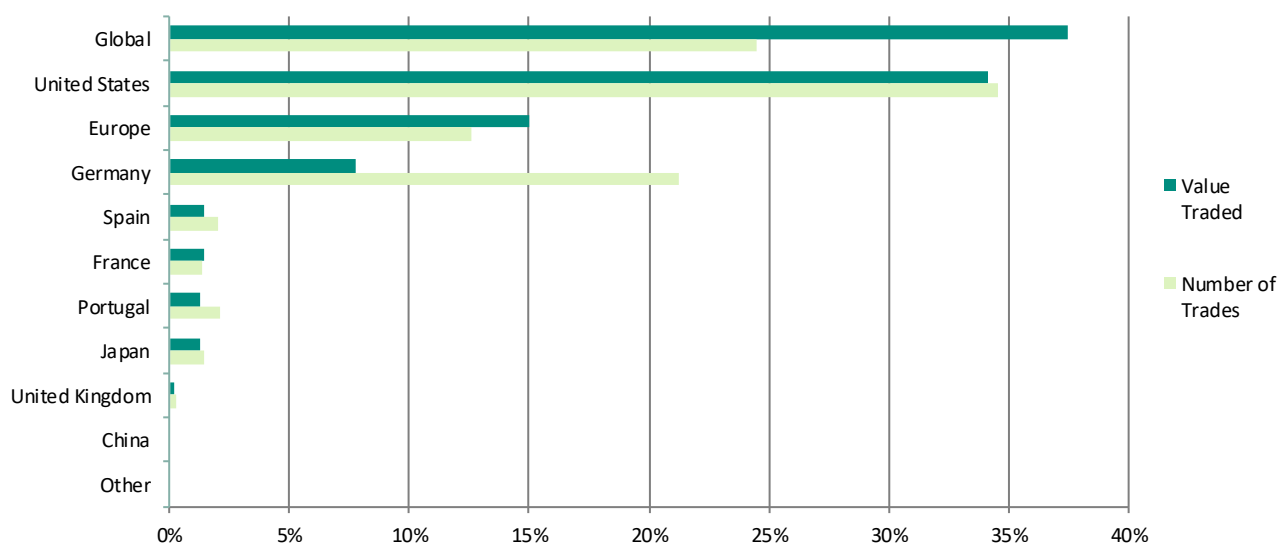
Market Overview

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

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

Underlying Countries	Value Traded				Number of Trades			
	Daily average (in €k)	Month on month	vs. Last 12 months	Market share	Daily average	Month on month	vs. Last 12 months	Market share
Global	2,319	-0.3%	23%	37.5%	142	9.5%	45.7%	24.5%
United States	2,113	-40%	9.2%	34.2%	201	-27%	27%	34.6%
Europe	926	2.4%	-4.1%	15.0%	73	6.7%	5.9%	12.6%
Germany	481	28%	33%	7.8%	123	18.2%	54%	21.3%
Spain	89	23%	75%	1.4%	11	25%	66%	2.0%
France	86	-1.0%	-10.2%	1.4%	7.8	-11.1%	-23%	1.3%
Portugal	78	17.3%	9.7%	1.3%	12	-3.8%	-3.7%	2.1%
Japan	78	50%	-1.6%	1.3%	8.3	-6.4%	-14.8%	1.4%
United Kingdom	9	-58%	-29%	0.2%	1.3	-47%	-36%	0.2%
China	0		-100%	0.0%	0.0		-100%	0.0%
Other	0			0.0%	0.0			0.0%
Total	6,180	-16.8%	13.1%	100%	580	-6.3%	30.1%	100%

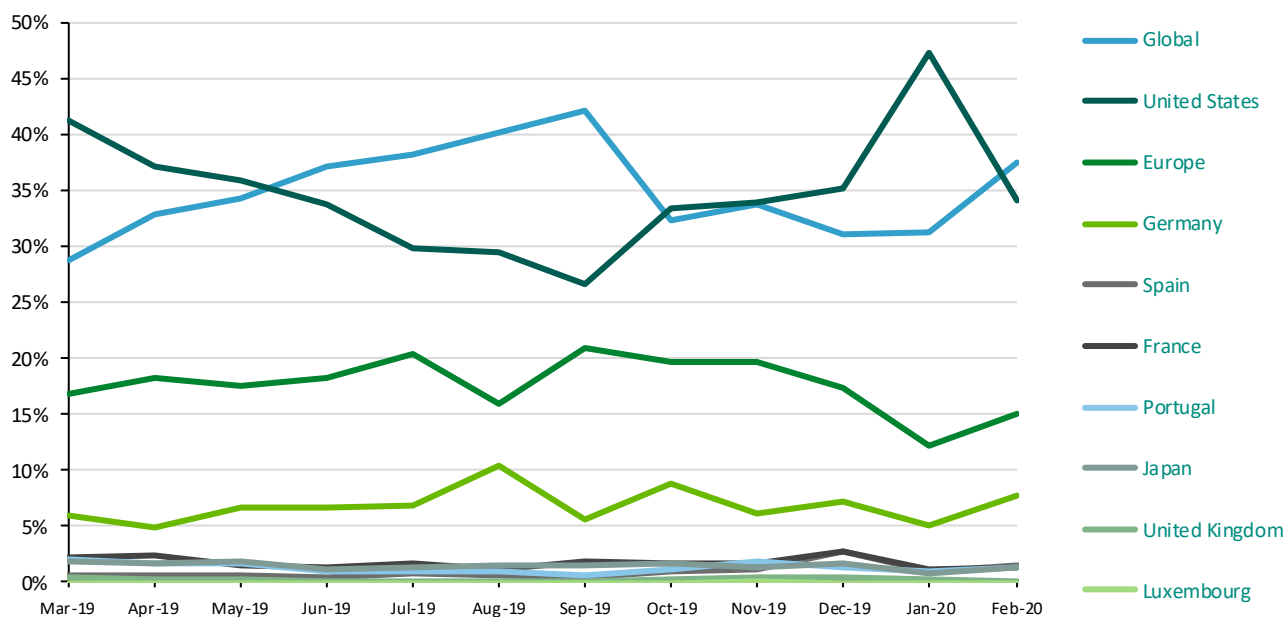
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

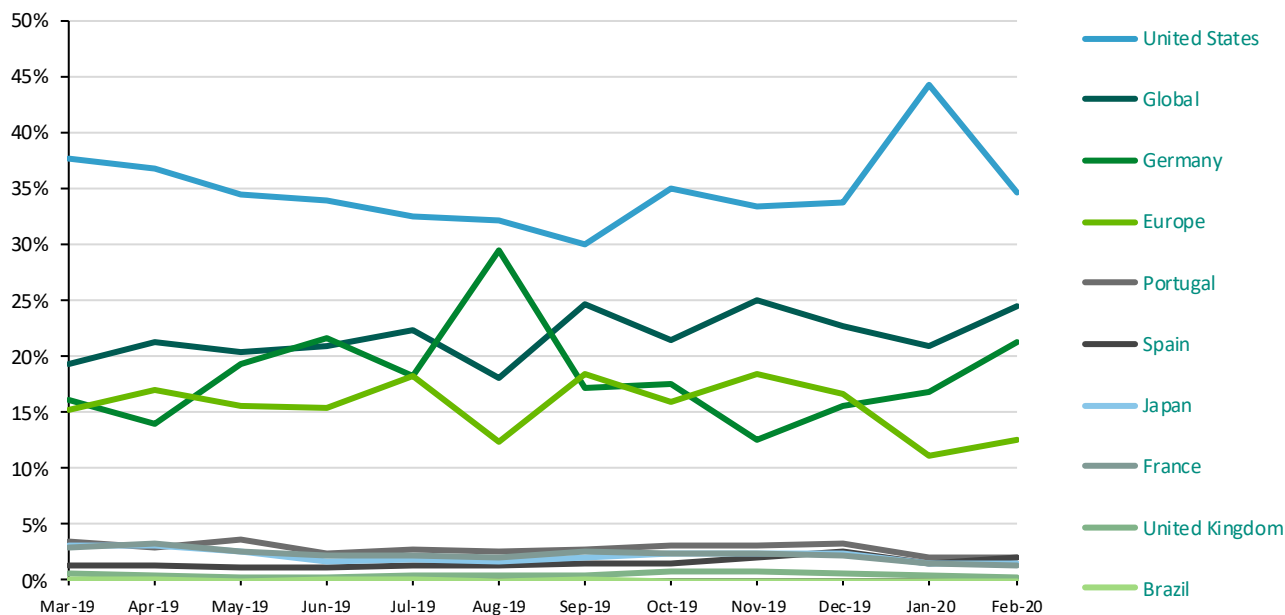
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

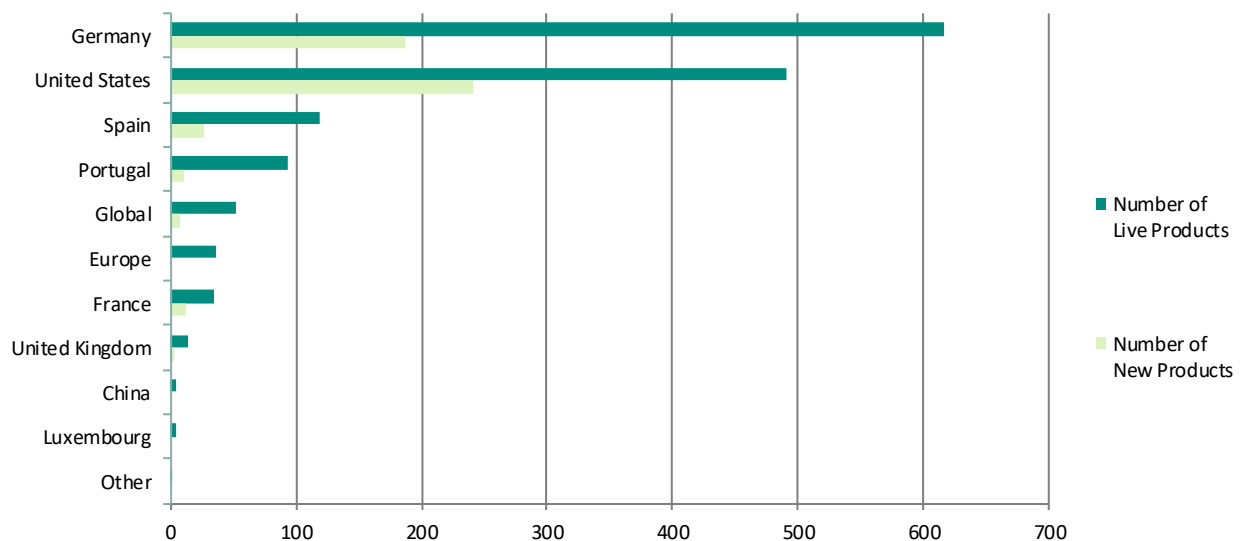
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Germany	617	4.4%	2.5%	42.1%	187	42%	29%	38.2%
United States	491	8.8%	-11.3%	33.5%	242	128%	47%	49.5%
Spain	119	-2.4%	-2.0%	8.1%	26	767%	10.6%	5.3%
Portugal	94	-7.9%	-29%	6.4%	10		-25%	2.0%
Global	51	-0.6%	-6.9%	3.5%	8	14.3%	-28%	1.6%
Europe	36	-3.6%	-21%	2.4%	0		-100%	0.0%
France	34	0.0%	-15.1%	2.3%	13	333%	21%	2.7%
United Kingdom	14	10.4%	27%	0.9%	3	-25%	-16.3%	0.6%
China	5	-25%	21%	0.3%	0		-100%	0.0%
Luxembourg	4	0.0%	82%	0.3%	0		-100%	0.0%
Other	1	-49%	-81%	0.1%	0			0.0%
Total	1,465	3.7%	-6.8%	100%	489	91.8%	29.1%	100%

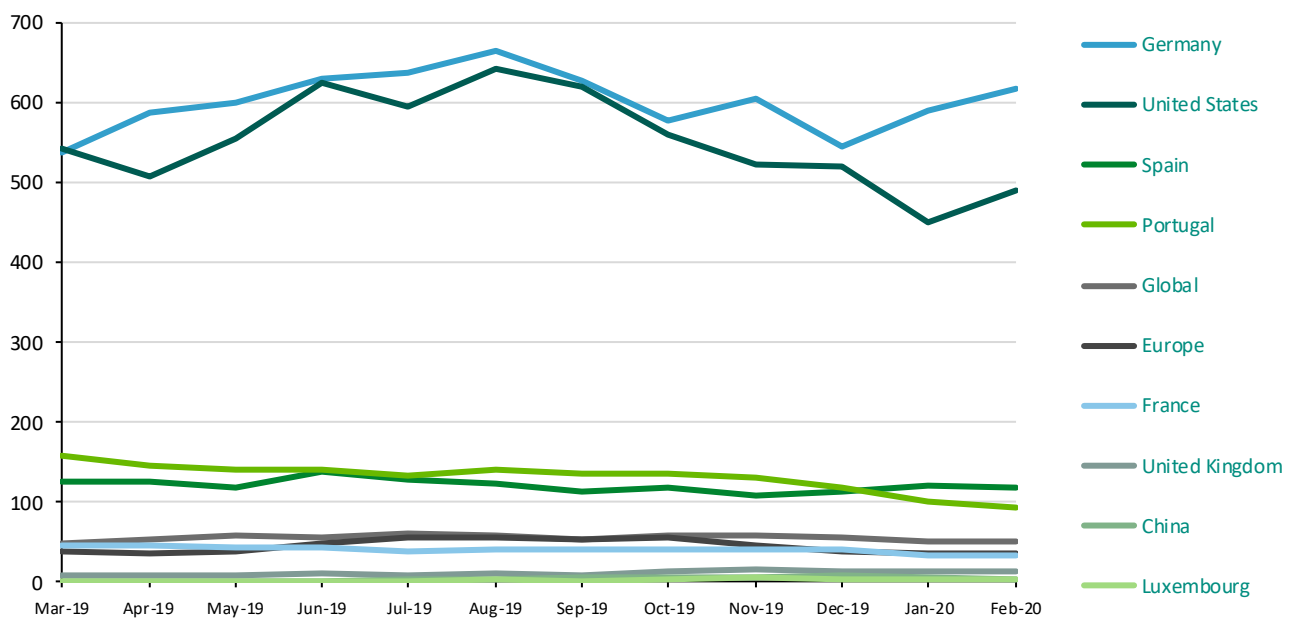
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

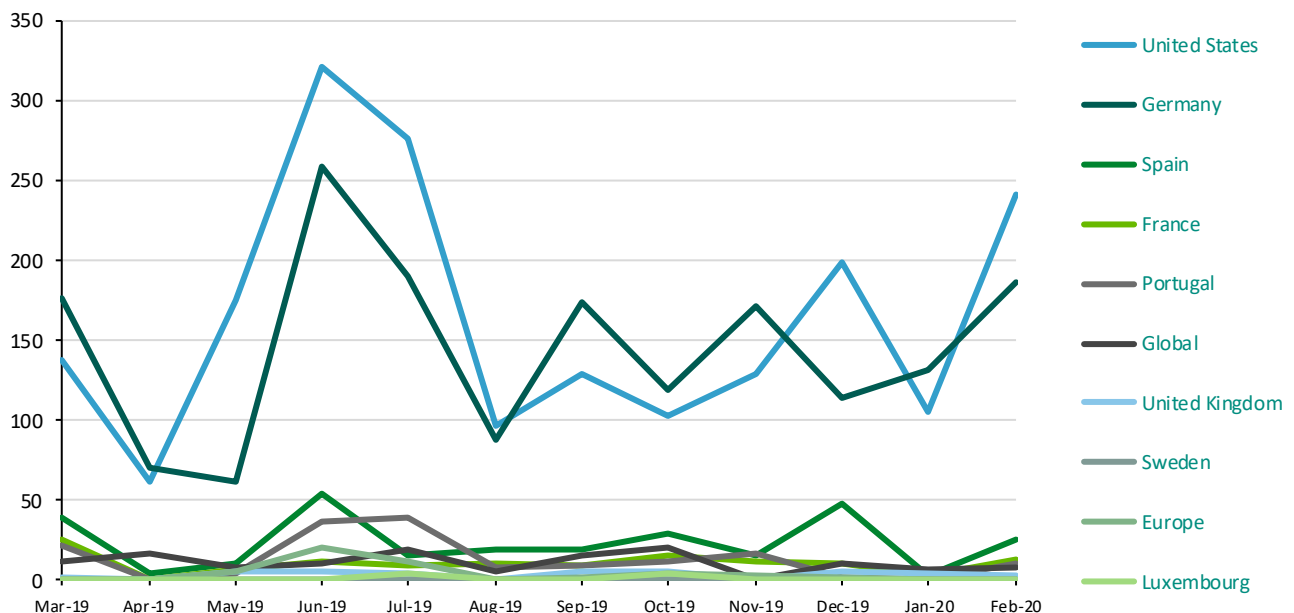
Product Trend: Number of Live Products

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

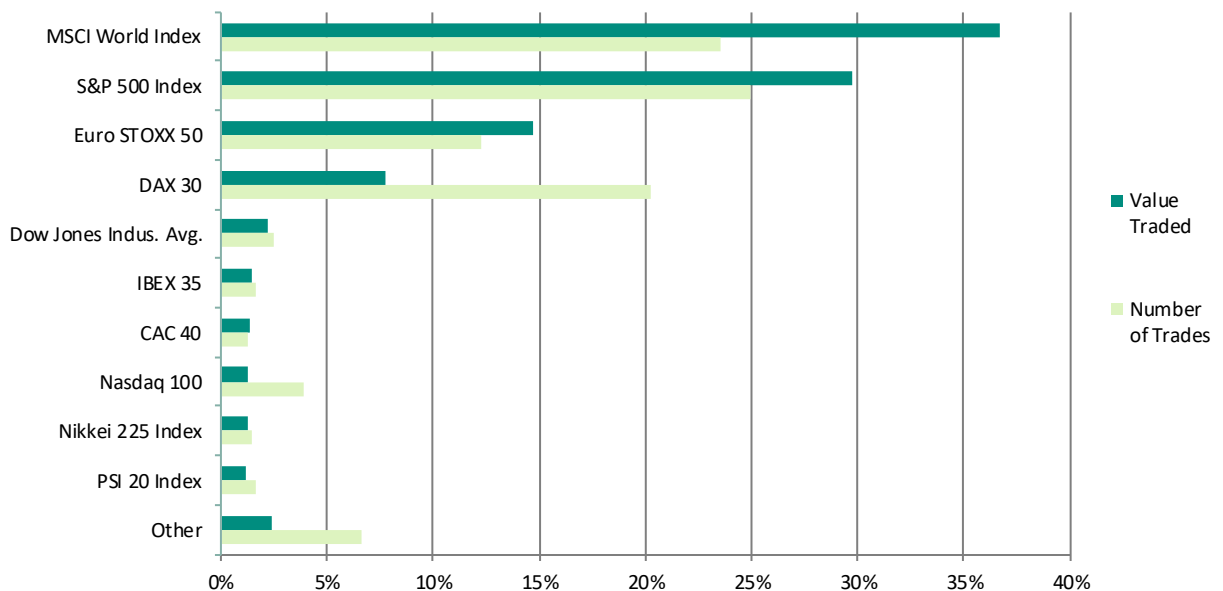
Market Overview

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	2,267	1.7%	26%	36.7%	137	11.8%	55.6%	23.6%
S&P 500 Index	1,839	-36%	16.4%	29.8%	145	-31%	33%	24.9%
Euro STOXX 50	908	3.7%	-4.7%	14.7%	71	6.8%	5.2%	12.3%
DAX 30	478	30%	34%	7.7%	118	16.4%	54%	20.3%
Dow Jones Indus. Avg.	136	-18.1%	-5.3%	2.2%	15	-6.8%	-1.3%	2.5%
IBEX 35	89	23%	75%	1.4%	9.4	25%	57%	1.6%
CAC 40	86	-1.5%	-10.5%	1.4%	7.4	-15.2%	-25%	1.3%
Nasdaq 100	78	-83%	-58%	1.3%	23	-37%	-3.3%	3.9%
Nikkei 225 Index	78	50%	-1.6%	1.3%	8.3	-6.4%	-14.8%	1.4%
PSI 20 Index	75	19.5%	19.9%	1.2%	9.6	1.5%	2.0%	1.6%
Other	148	-22%	-10.2%	2.4%	38	16.7%	20%	6.6%
Total	6,180	-16.8%	13.1%	100%	580	-6.3%	30.1%	100%

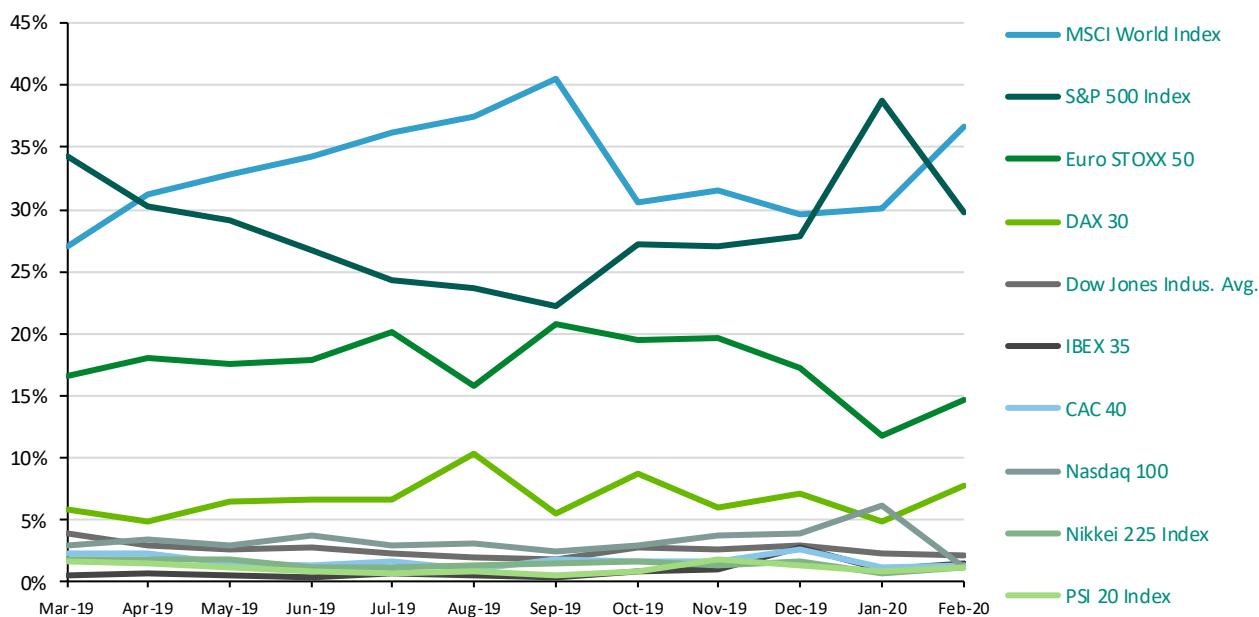
(Source Euronext)



TOP 10 UNDERLYINGS

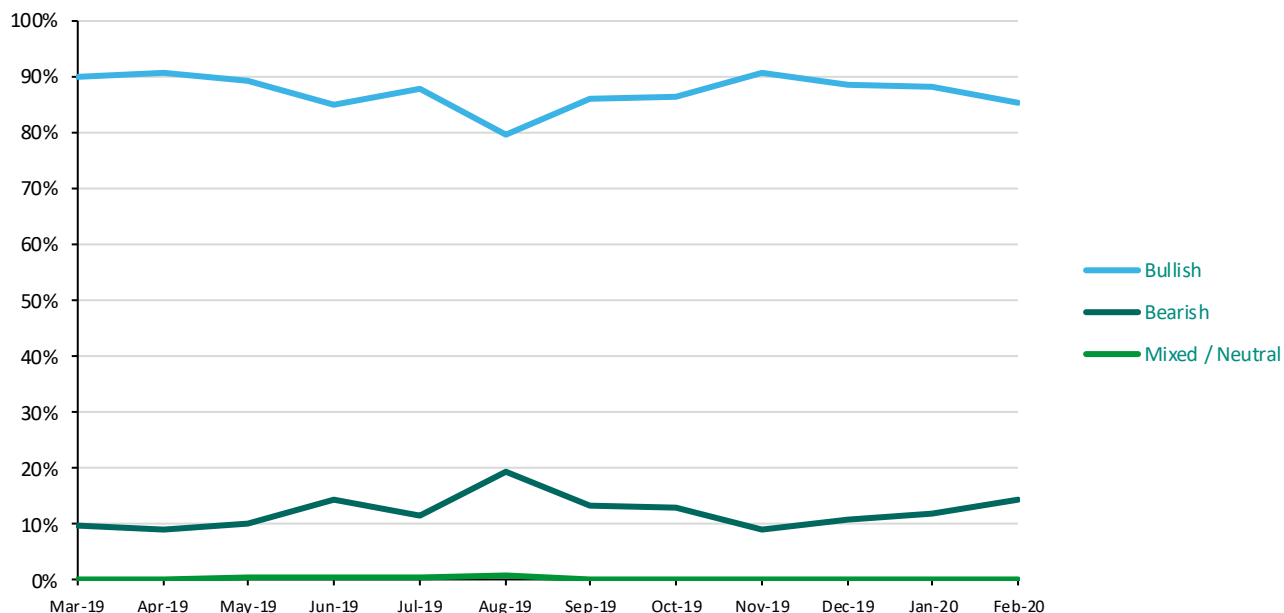
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

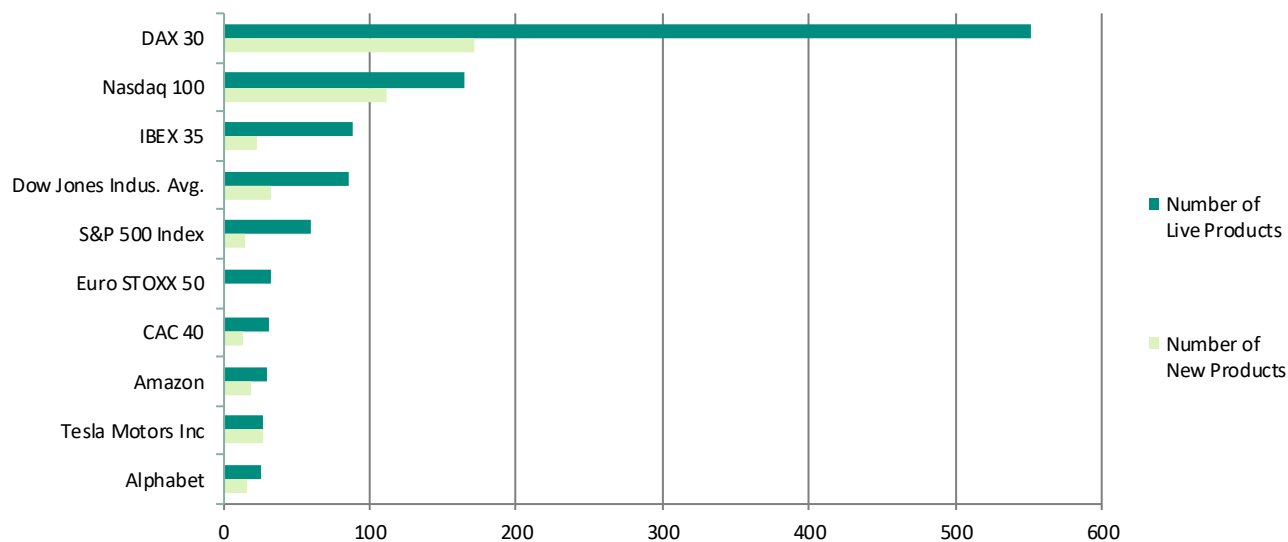
Product Overview

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

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

Underlyings	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
DAX 30	552	4.5%	2.9%	37.7%	172	30%	25%	35.2%
Nasdaq 100	165	15.8%	-7.3%	11.3%	111	85%	65%	22.7%
IBEX 35	88	-3.4%	3.6%	6.0%	23	667%	14.5%	4.7%
Dow Jones Indus. Avg.	86	5.2%	5.9%	5.9%	33	154%	42%	6.7%
S&P 500 Index	59	6.8%	-29%	4.0%	15	88%	-6.7%	3.1%
Euro STOXX 50	33	-4.0%	-23%	2.2%	0		-100%	0.0%
CAC 40	30	0.0%	2.0%	2.1%	13	333%	27%	2.7%
Amazon	30	-2.0%	-17.8%	2.1%	19	NA	61%	3.9%
Tesla Motors Inc	27	51%	23%	1.8%	27	125%	195%	5.5%
Alphabet	25	9.6%	9.6%	1.7%	16	700%	86%	3.3%
Other	369	-2.3%	-18.5%	25.2%	60			12.3%
Total	1,465	3.7%	-6.8%	100%	489	91.8%	29.1%	100%

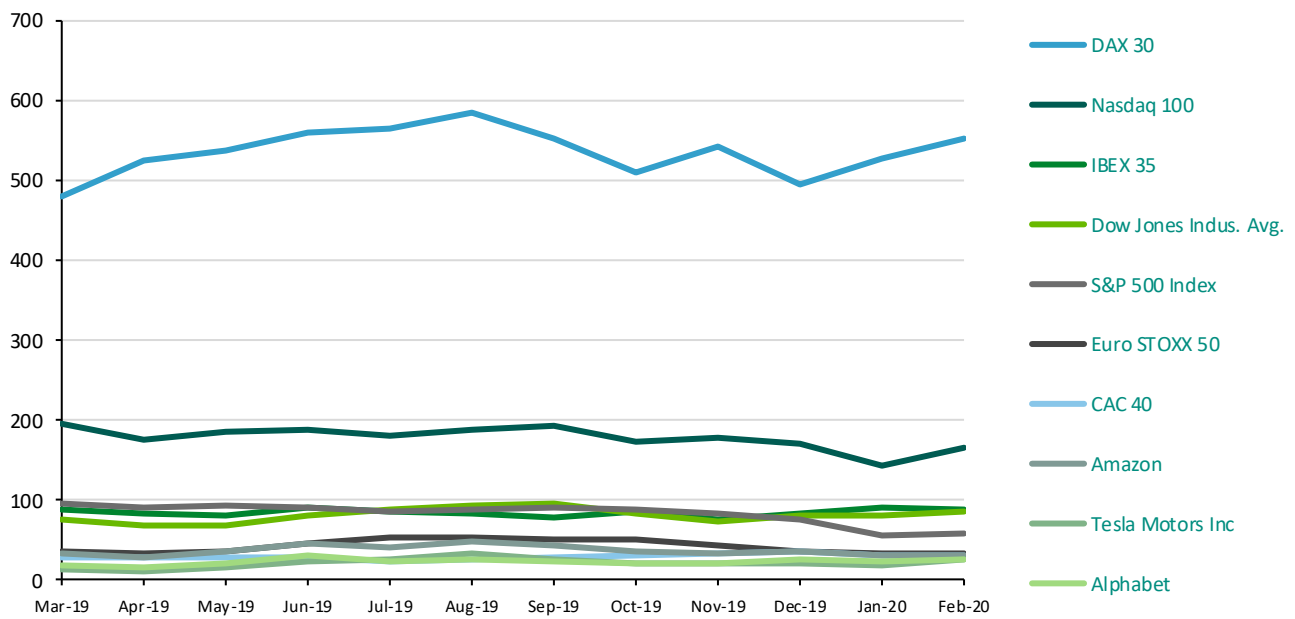
(Source Euronext)



TOP 10 UNDERLYINGS

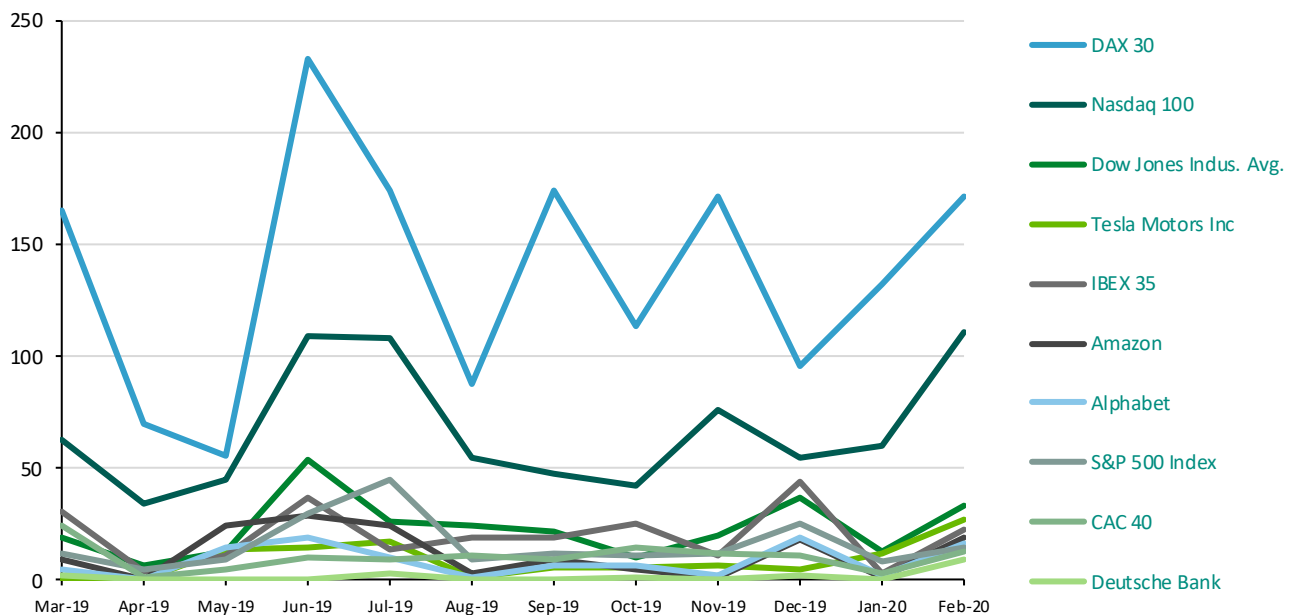
Product Trend: Number of Live Products

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	45,339	2,737
PTBITHYM0080	BCP	1300	Tracker Certificates	S&P 500 Index	36,164	2,565
PTBIVRYE0068	BCP	1300	Tracker Certificates	Euro STOXX 50	18,150	1,422
PTBITYE0034	BCP	1300	Tracker Certificates	DAX 30	4,393	292
PTBIYZYE0040	BCP	1300	Tracker Certificates	Dow Jones Indus. Avg.	2,623	243
PTBIXRYE0025	BCP	1300	Tracker Certificates	IBEX 35	1,743	152
PTBIWKYE0023	BCP	1300	Tracker Certificates	CAC 40	1,708	140
PTBCS1YE0010	BCP	1300	Tracker Certificates	Nikkei 225 Index	1,556	166
PTBIY1YE0064	BCP	1300	Tracker Certificates	PSI 20 Index	1,471	187
DE000KA39LM4	Citi	2200	Knock-Out Warrants	Facebook Inc	714	74
PTBIWWYE0052	BCP	1300	Tracker Certificates	Gold	643	38
DE000CU1RJ32	Commerzbank	2200	Knock-Out Warrants	DAX 30	434	49
DE000KA39LA9	Citi	2200	Knock-Out Warrants	DAX 30	370	38
PTBCLOYE0028	BCP	1300	Tracker Certificates	Euro STOXX Bank	319	31
DE000KA39GM4	Citi	2200	Knock-Out Warrants	DAX 30	255	46
DE000KA39N22	Citi	2200	Knock-Out Warrants	DAX 30	232	24
DE000CL1EQ37	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	198	4
DE000CU1RFV8	Commerzbank	2200	Knock-Out Warrants	DAX 30	193	75
PTBITCYM0077	BCP	1300	Tracker Certificates	ICE BRENT	190	21
PTBIXQYE0026	BCP	1300	Tracker Certificates	FTSE 100	184	24
DE000KA39D16	Citi	2200	Knock-Out Warrants	S&P 500 Index	182	112
DE000KA39K82	Citi	2200	Knock-Out Warrants	DAX 30	178	26
DE000CU1RD04	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	178	13
DE000CL1ETB0	Commerzbank	2200	Knock-Out Warrants	DAX 30	165	30
DE000KA39NX7	Citi	2200	Knock-Out Warrants	DAX 30	164	27
DE000KA39NA5	Citi	2200	Knock-Out Warrants	DAX 30	153	15
DE000CL1EUQ6	Commerzbank	2200	Knock-Out Warrants	DAX 30	149	41
DE000KA39NC1	Citi	2200	Knock-Out Warrants	DAX 30	129	31
DE000CU1RFX4	Commerzbank	2200	Knock-Out Warrants	DAX 30	121	74
DE000CL1EPX2	Commerzbank	2100	Warrants	Nasdaq 100	118	3
DE000KA39NL2	Citi	2200	Knock-Out Warrants	Nasdaq 100	105	18
PTBIU3YE0078	BCP	1300	Tracker Certificates	STOXX 600 Utilities	91	12
DE000CU1RB63	Commerzbank	2100	Warrants	Apple Computer Inc.	90	13
DE000CL1ESU2	Commerzbank	2200	Knock-Out Warrants	Nasdaq 100	86	14
DE000CP6NR49	Citi	2100	Warrants	DAX 30	85	76
DE000KA39CJ9	Citi	2200	Knock-Out Warrants	DAX 30	79	16
DE000KA39QK7	Citi	2200	Knock-Out Warrants	DAX 30	76	16
DE000KA39L57	Citi	2200	Knock-Out Warrants	Nasdaq 100	74	10
DE000KA39MS9	Citi	2200	Knock-Out Warrants	Facebook Inc	69	24
DE000KA39D24	Citi	2200	Knock-Out Warrants	S&P 500 Index	68	14
DE000KA39LE1	Citi	2200	Knock-Out Warrants	Nasdaq 100	68	6
DE000KA39LX1	Citi	2200	Knock-Out Warrants	DAX 30	66	14
DE000CL1EQK7	Commerzbank	2100	Warrants	S&P 500 Index	63	3
DE000CU1RKC8	Commerzbank	2200	Knock-Out Warrants	DAX 30	62	6
DE000KA39ML4	Citi	2200	Knock-Out Warrants	DAX 30	62	10
DE000KA39L81	Citi	2200	Knock-Out Warrants	S&P 500 Index	61	33
DE000CL1ETU0	Commerzbank	2200	Knock-Out Warrants	DAX 30	60	32
DE000KA39FX3	Citi	2200	Knock-Out Warrants	DAX 30	59	19
DE000KA39CV4	Citi	2200	Knock-Out Warrants	DAX 30	57	54
DE000KA39M64	Citi	2200	Knock-Out Warrants	DAX 30	56	8

(Source Euronext)



Euronext Paris

ISSUERS

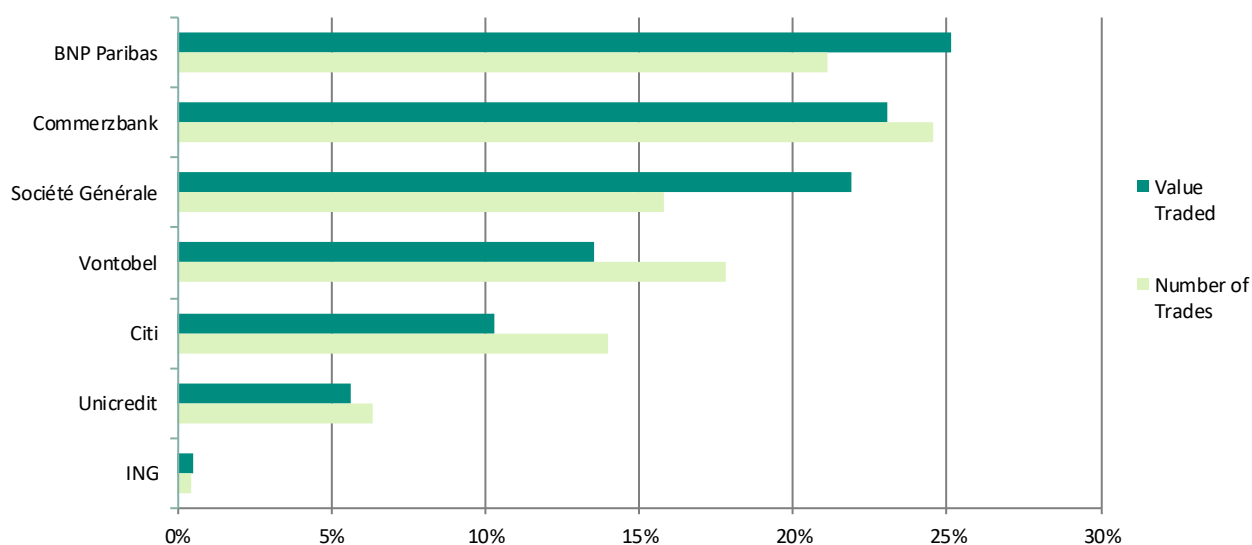
Market Overview

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	5,467	47%	57%	25.1%	1,735	50.4%	73.2%	21.1%
Commerzbank	5,018	32%	56%	23.1%	2,015	26.1%	51.2%	24.5%
Société Générale	4,772	21%	80%	21.9%	1,298	39.7%	56.9%	15.8%
Vontobel	2,950	41%	153%	13.6%	1,464	43.2%	156.5%	17.8%
Citi	2,237	19.4%	65%	10.3%	1,148	25.8%	72.3%	14.0%
Unicredit	1,218	44%	163%	5.6%	520	34.7%	86.9%	6.3%
ING	107	145%	108%	0.5%	35	103.8%	78.3%	0.4%
Total	21,769	33.4%	75.9%	100%	8,215	36.5%	74.9%	100%

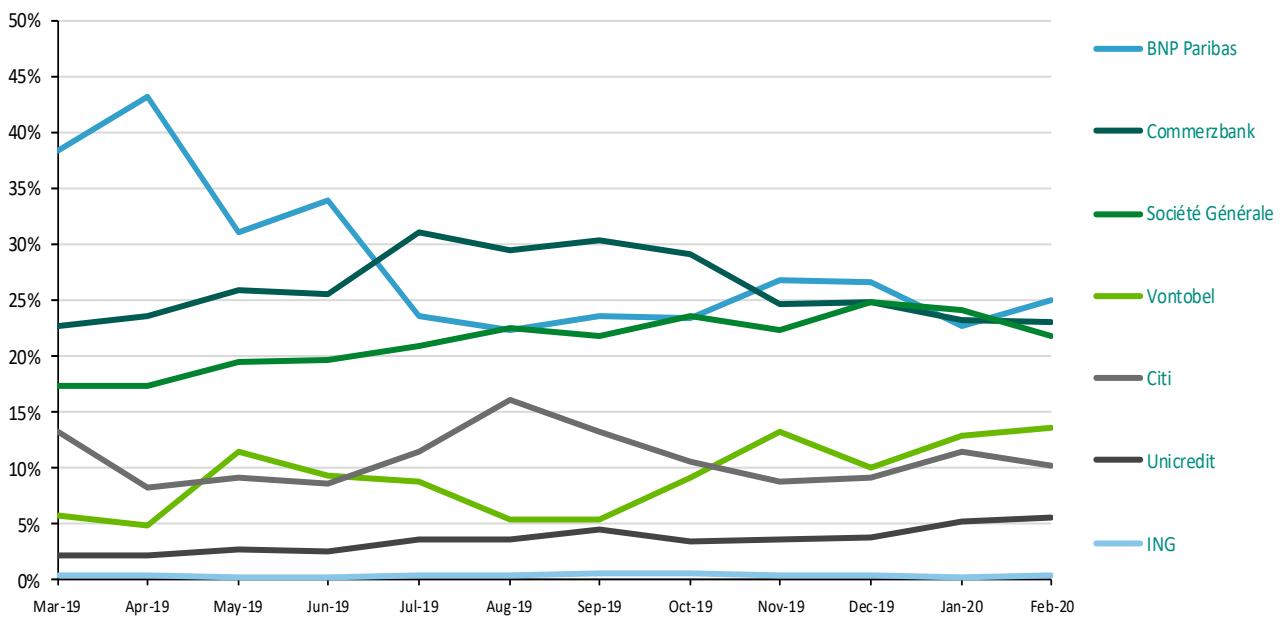
(Source Euronext)



ISSUERS

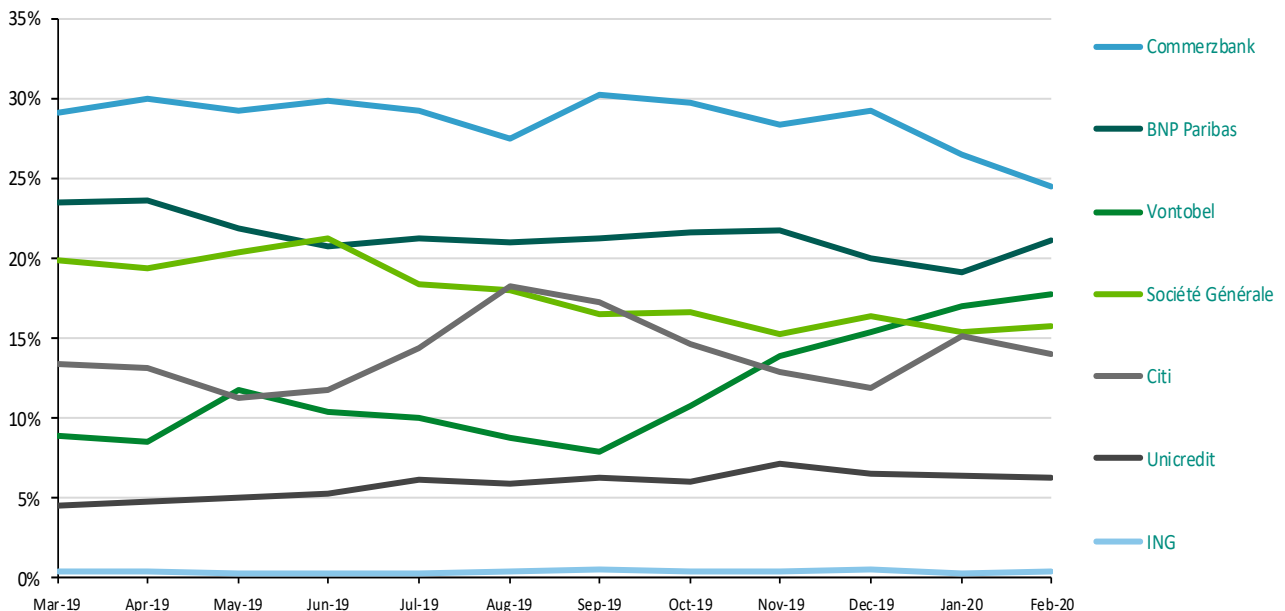
Market Trend: Value traded

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

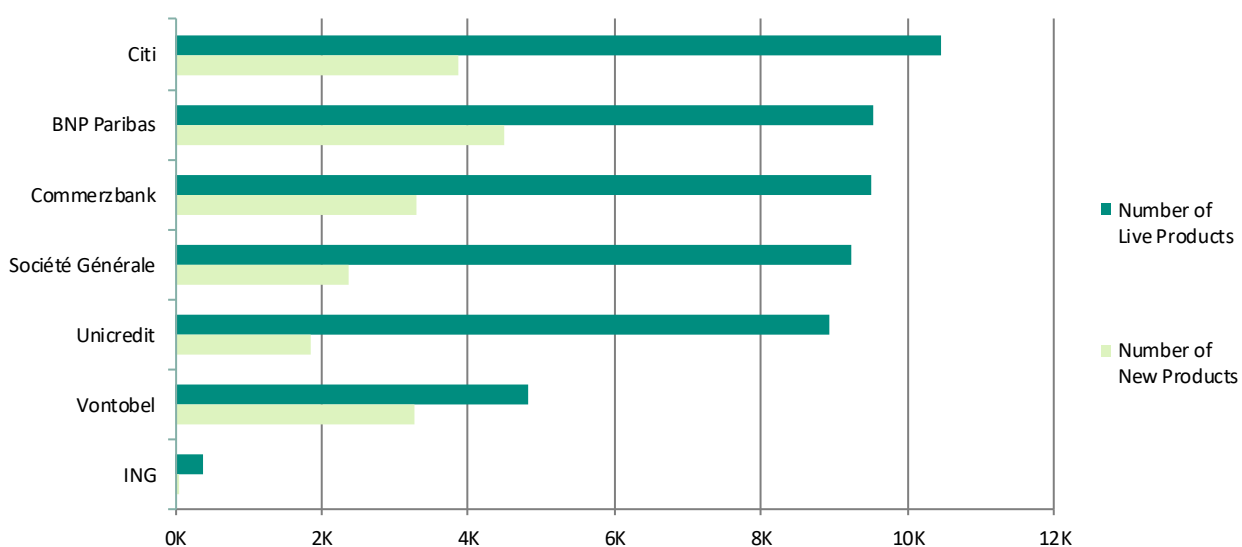
Product Overview

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	10,471	10.0%	5.9%	19.8%	3,870	-25%	26%	20.2%
BNP Paribas	9,541	33%	0.5%	18.1%	4,486	-21%	74%	23.4%
Commerzbank	9,511	10.8%	3.9%	18.0%	3,305	56%	60%	17.2%
Société Générale	9,224	7.4%	-5.7%	17.5%	2,373	-14.4%	-27%	12.4%
Unicredit	8,922	3.1%	0.3%	16.9%	1,857	-33%	-18.4%	9.7%
Vontobel	4,825	8.3%	30%	9.1%	3,252	-4.9%	39%	17.0%
ING	364	-1.9%	0.9%	0.7%	41	-16.3%	-9.7%	0.2%
Total	52,857	11.7%	3.1%	100%	19,184	-12.7%	22.8%	100%

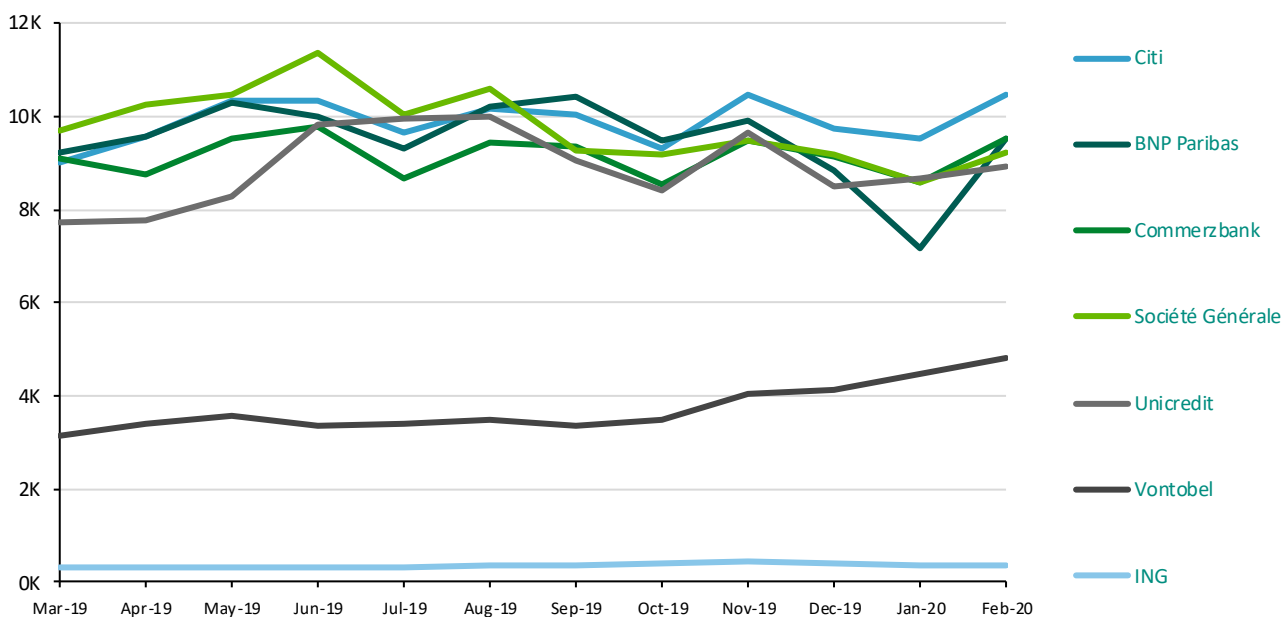
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ISSUERS

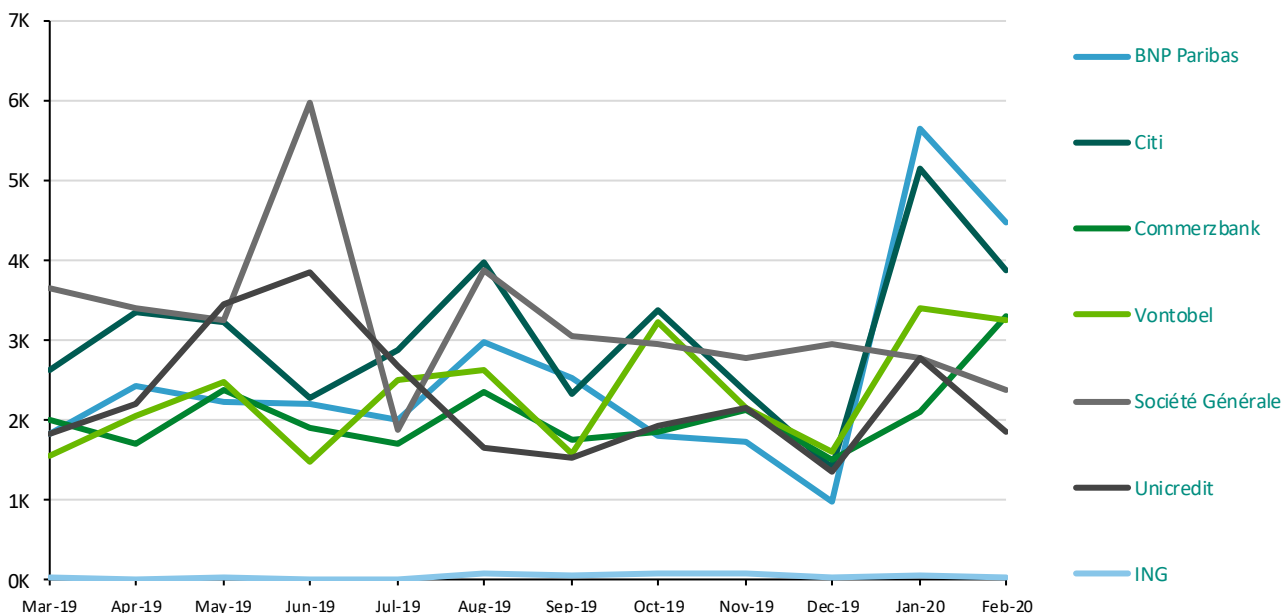
Product Trend: Number of Live Products

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

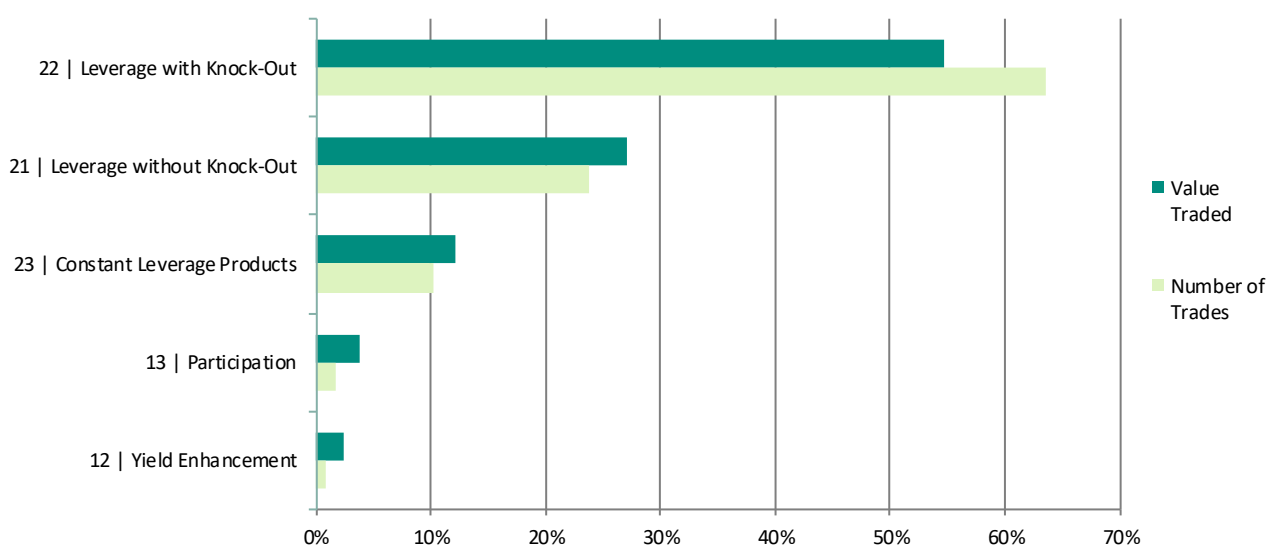
Market Overview

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	11,901	31%	78%	54.7%	5,228	27.0%	66.1%	63.6%
21 Leverage without Knock-Out	5,901	27%	65%	27.1%	1,946	50.6%	84.8%	23.7%
23 Constant Leverage Products	2,623	54%	95%	12.0%	837	77.4%	123.4%	10.2%
13 Participation	835	51%	94%	3.8%	135	55.1%	84.0%	1.6%
12 Yield Enhancement	509	39%	55%	2.3%	69	36.4%	47.0%	0.8%
Total	21,769	33.4%	75.9%	100%	8,215	36.5%	74.9%	100%

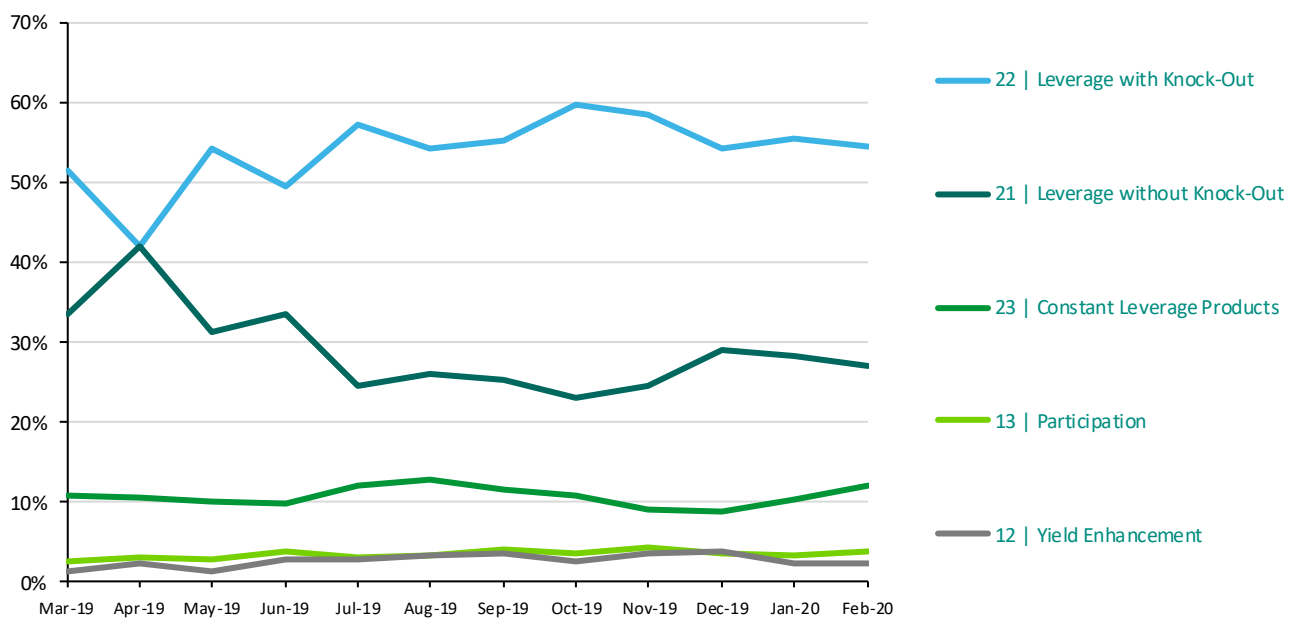
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

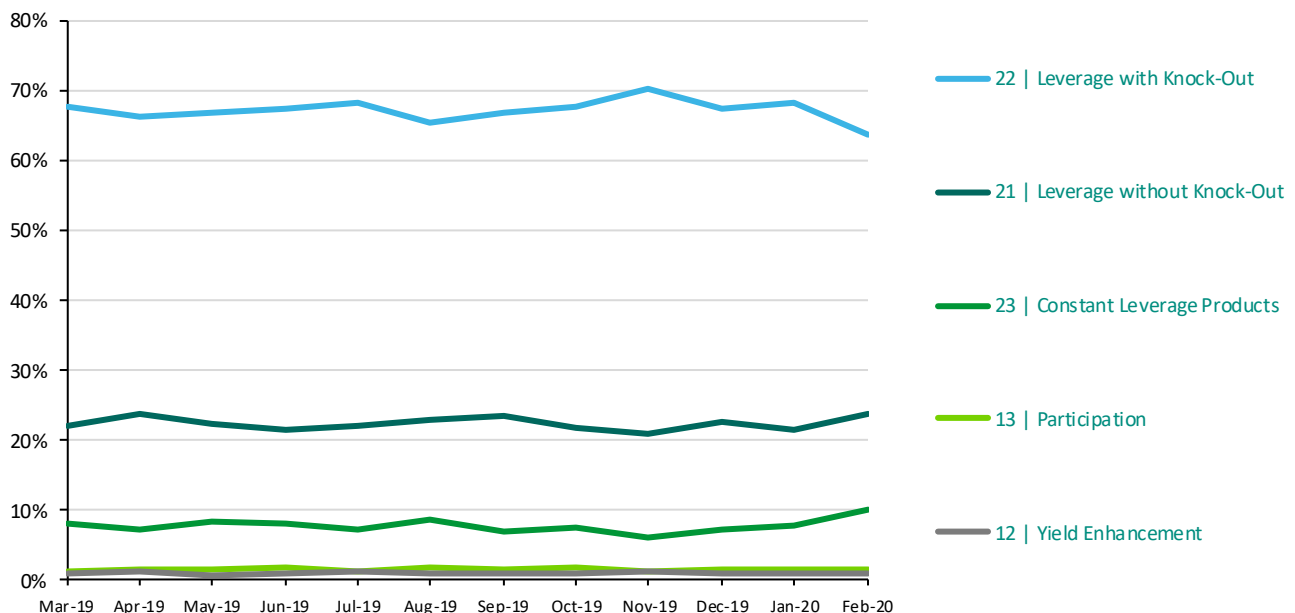
Market Trend: Value traded

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

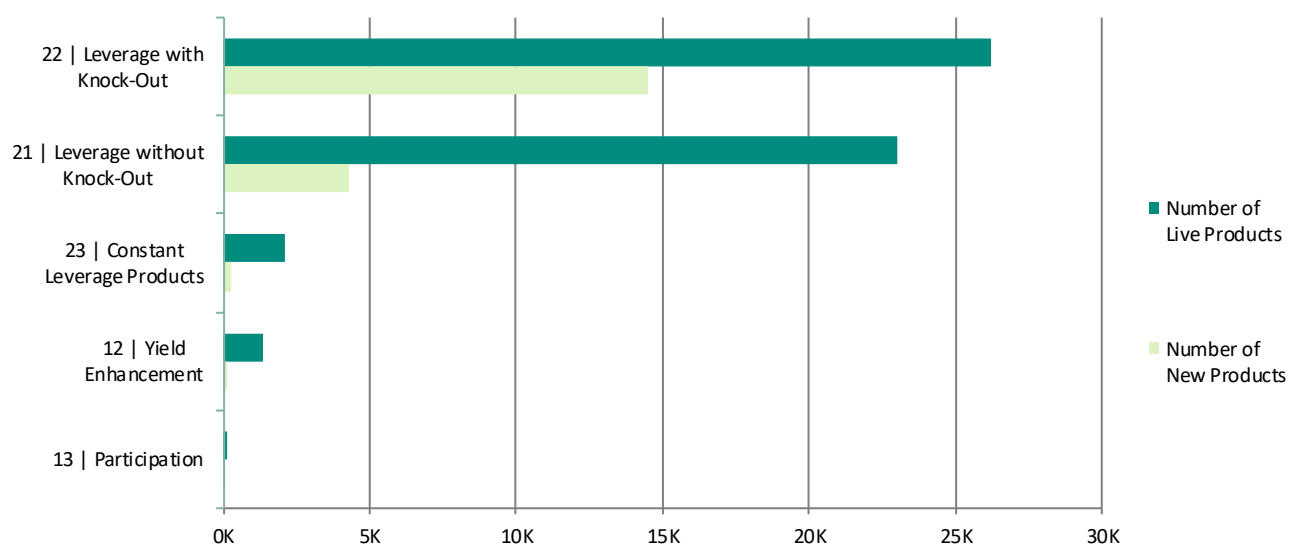
Product Overview

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	26,235	6.6%	4.3%	49.6%	14,509	3.4%	29%	75.6%
21 Leverage without Knock-Out	23,035	18.5%	0.8%	43.6%	4,303	-40%	8.2%	22.4%
23 Constant Leverage Products	2,106	5.9%	64%	4.0%	246	-29%	32%	1.3%
12 Yield Enhancement	1,358	15.7%	-28%	2.6%	108	-71%	-49%	0.6%
13 Participation	124	0.7%	-1.6%	0.2%	18	29%	266%	0.1%
Total	52,857	11.7%	3.1%	100%	19,184	-12.7%	22.8%	100%

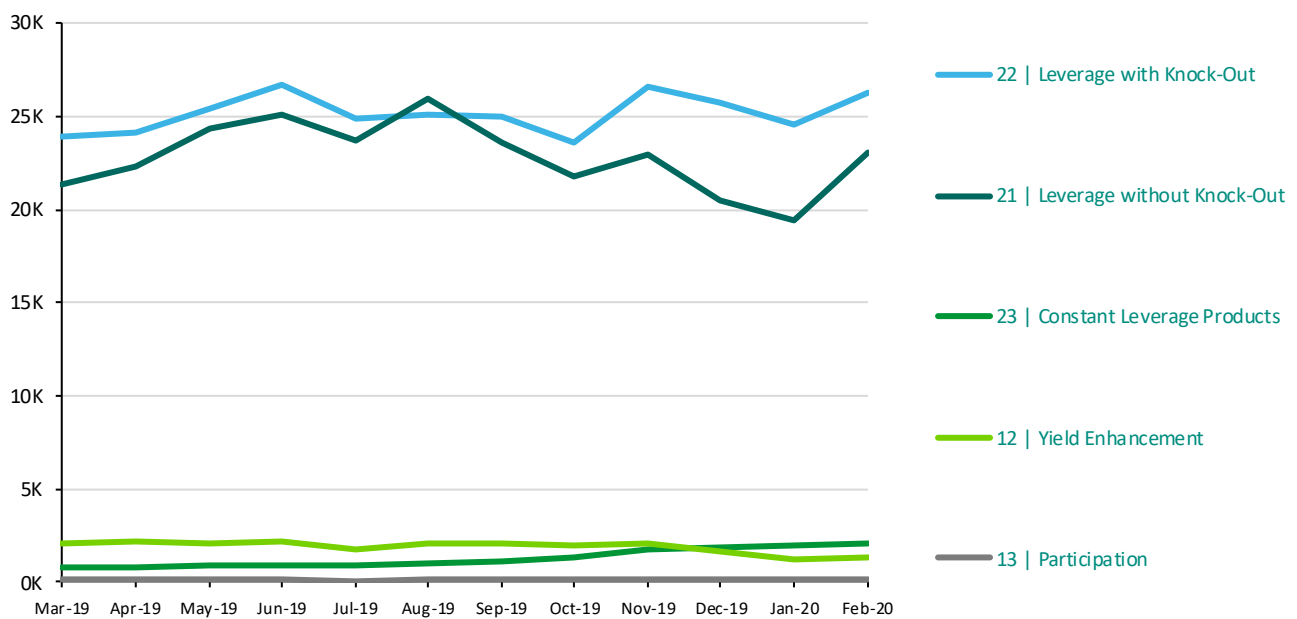
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

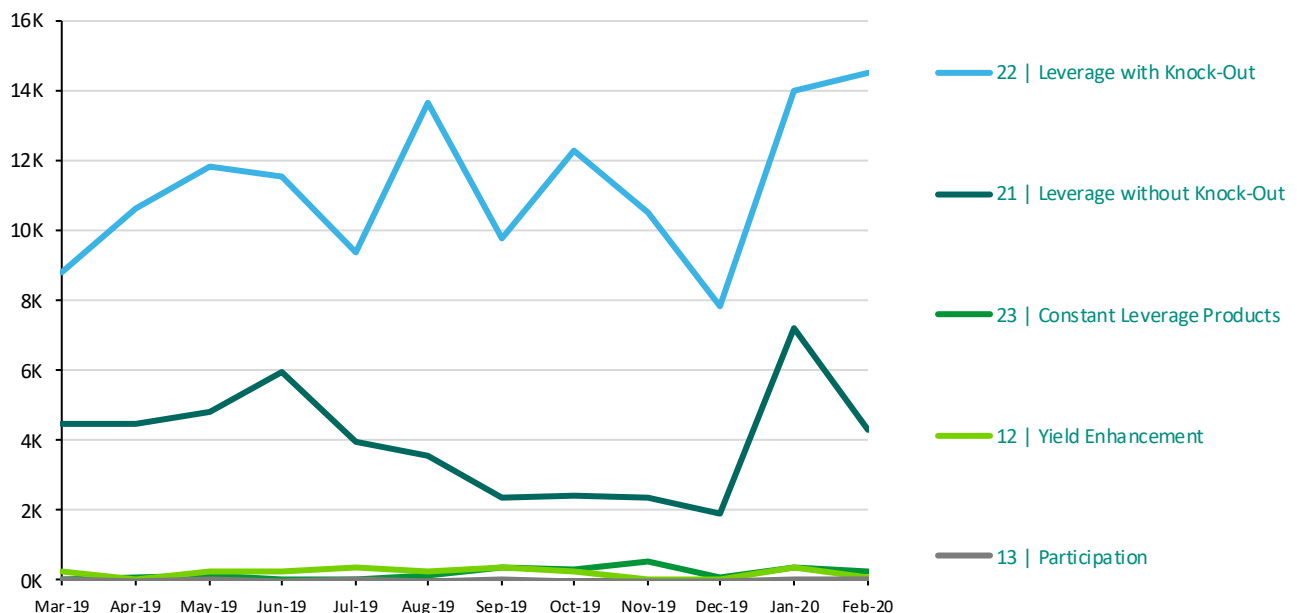
Product Trend: Number of Live Products

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

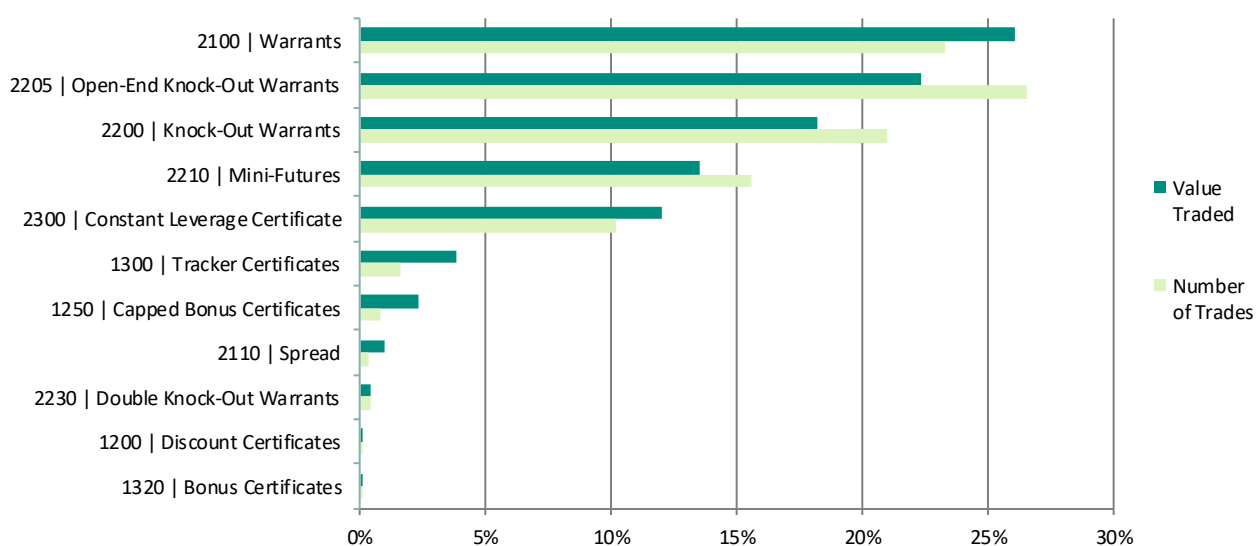
Market Overview

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	5,688	26%	62%	26.1%	1,914	50.5%	84.4%	23.3%
2205 Open-End Knock-Out Warrants	4,876	44%	116%	22.4%	2,186	43%	97%	26.6%
2200 Knock-Out Warrants	3,971	26%	64%	18.2%	1,724	12.6%	51%	21.0%
2210 Mini-Futures	2,952	22%	58%	13.6%	1,282	26%	50%	15.6%
2300 Constant Leverage Certificate	2,623	54%	95%	12.0%	837	77%	123%	10.2%
1300 Tracker Certificates	835	51%	94%	3.8%	135	55%	84%	1.6%
1250 Capped Bonus Certificates	508	39%	55%	2.3%	69	37%	47%	0.8%
2110 Spread	213	64%	221%	1.0%	32	58%	107%	0.4%
2230 Double Knock-Out Warrants	102	-21%	-27%	0.5%	36	-15.5%	-12.1%	0.4%
1200 Discount Certificates	1	1.3%	115%	0.0%	0.3	-5.7%	98%	0.0%
1320 Bonus Certificates	1		52%	0.0%	0.2		108%	0.0%
Total	21,769	33.4%	75.9%	100%	8,215	36.5%	74.9%	100%

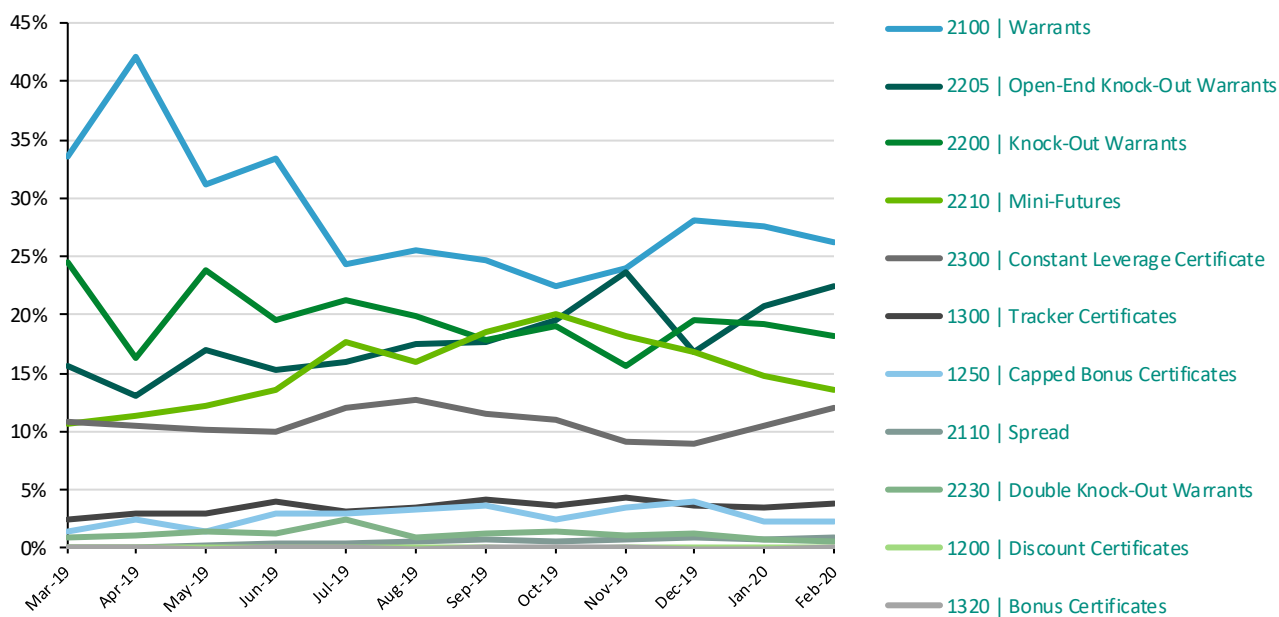
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

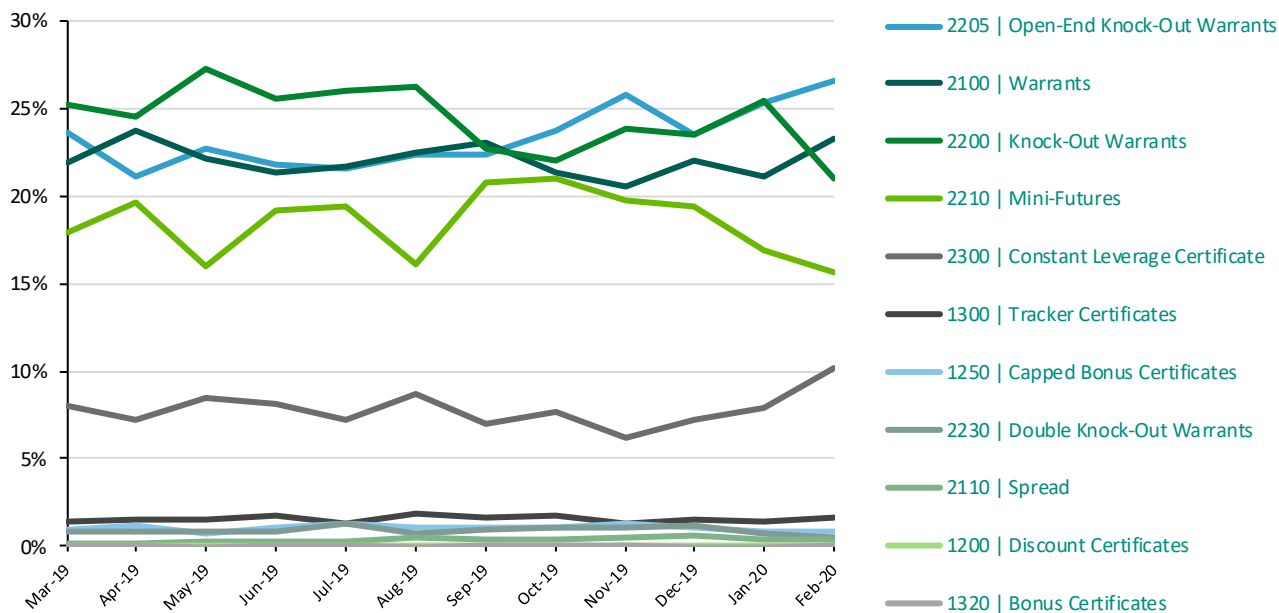
Market Trend: Value traded

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

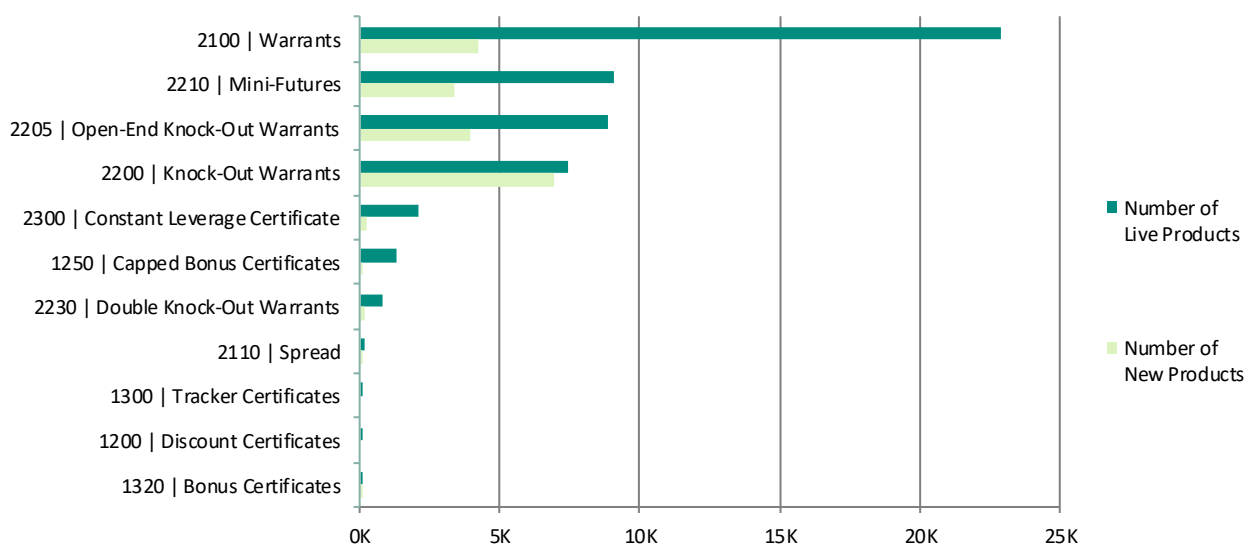
Product Overview

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	22,870	18.7%	0.6%	43.3%	4,260	-40%	7.9%	22.2%
2210 Mini-Futures	9,080	1.2%	4.2%	17.2%	3,403	3.2%	34%	17.7%
2205 Open-End Knock-Out Warrants	8,885	3.8%	9.8%	16.8%	3,973	-2.3%	46%	20.7%
2200 Knock-Out Warrants	7,440	18.8%	-2.3%	14.1%	6,937	9.4%	22%	36.2%
2300 Constant Leverage Certificate	2,106	5.9%	64%	4.0%	246	-29%	32%	1.3%
1250 Capped Bonus Certificates	1,309	16.4%	-28%	2.5%	108	-71%	-47%	0.6%
2230 Double Knock-Out Warrants	829	3.6%	12.9%	1.6%	196	-39%	-28%	1.0%
2110 Spread	165	-3.8%	40%	0.3%	43	-52%	48%	0.2%
1300 Tracker Certificates	77	-3.5%	-12.5%	0.1%	0	-100%	-100%	0.0%
1200 Discount Certificates	49	0.0%	-14.0%	0.1%	0		-100%	0.0%
1320 Bonus Certificates	47	8.6%	24%	0.1%	18	38%	300%	0.1%
Total	52,857	11.7%	3.1%	100%	19,184	-12.7%	22.8%	100%

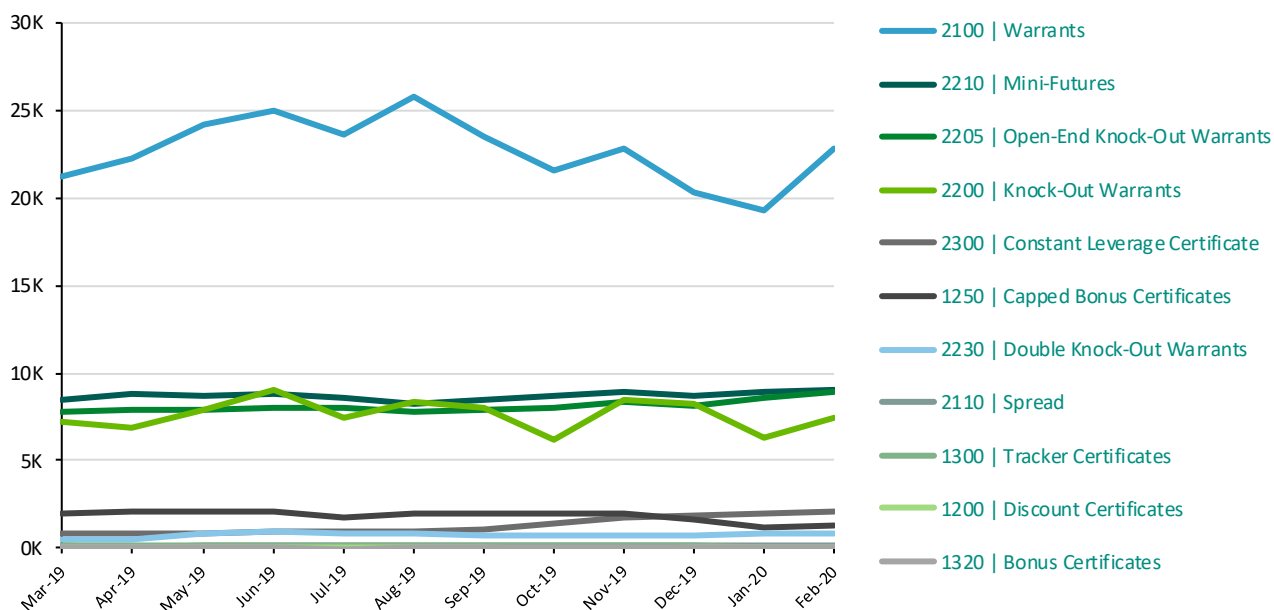
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

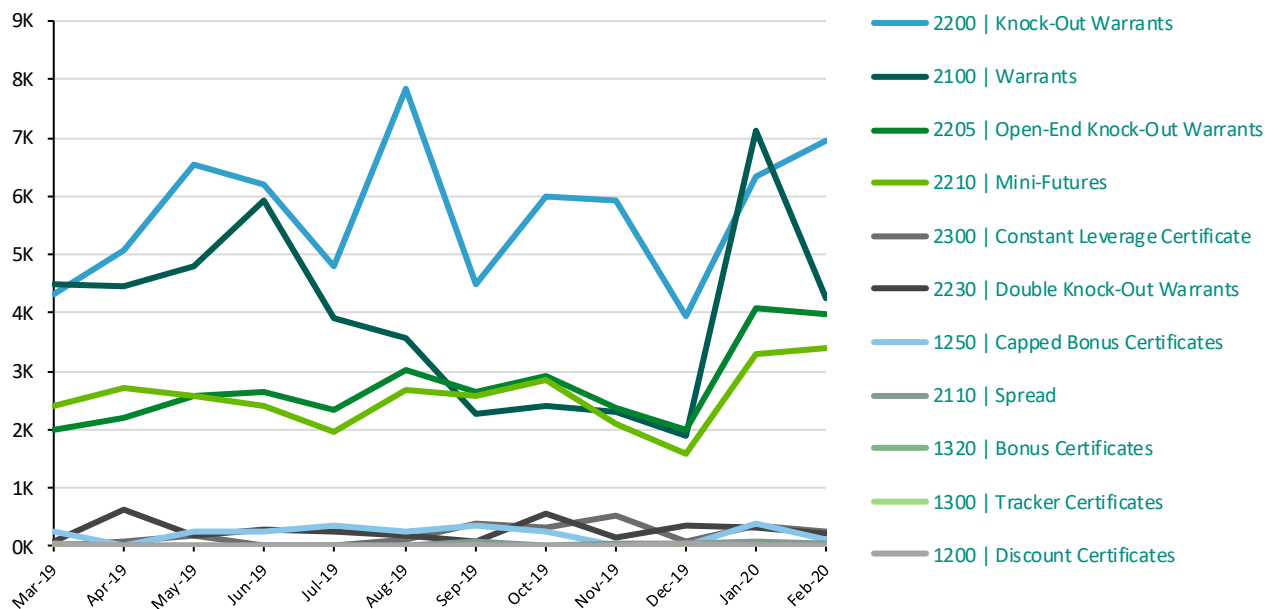
Product Trend: Number of Live Products

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

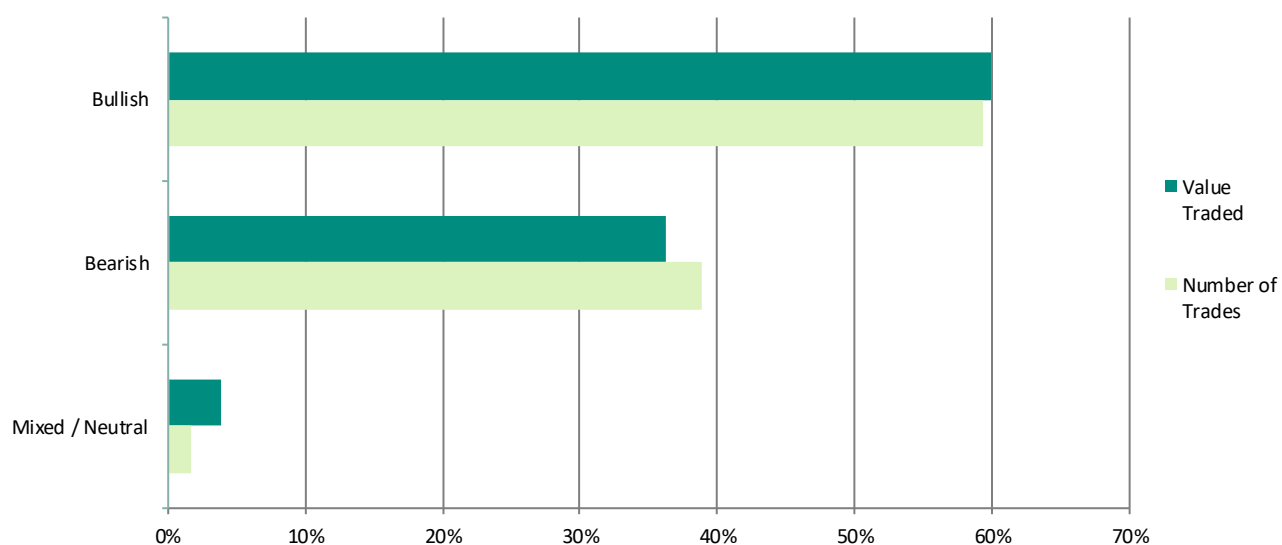
Market Overview

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	13,046	32%	71%	59.9%	4,878	41.2%	79.9%	59.4%
Bearish	7,898	35%	88%	36.3%	3,200	31%	70%	38.9%
Mixed / Neutral	824	32%	54%	3.8%	137	21%	32%	1.7%
Total	21,769	33.4%	75.9%	100%	8,215	36.5%	74.9%	100%

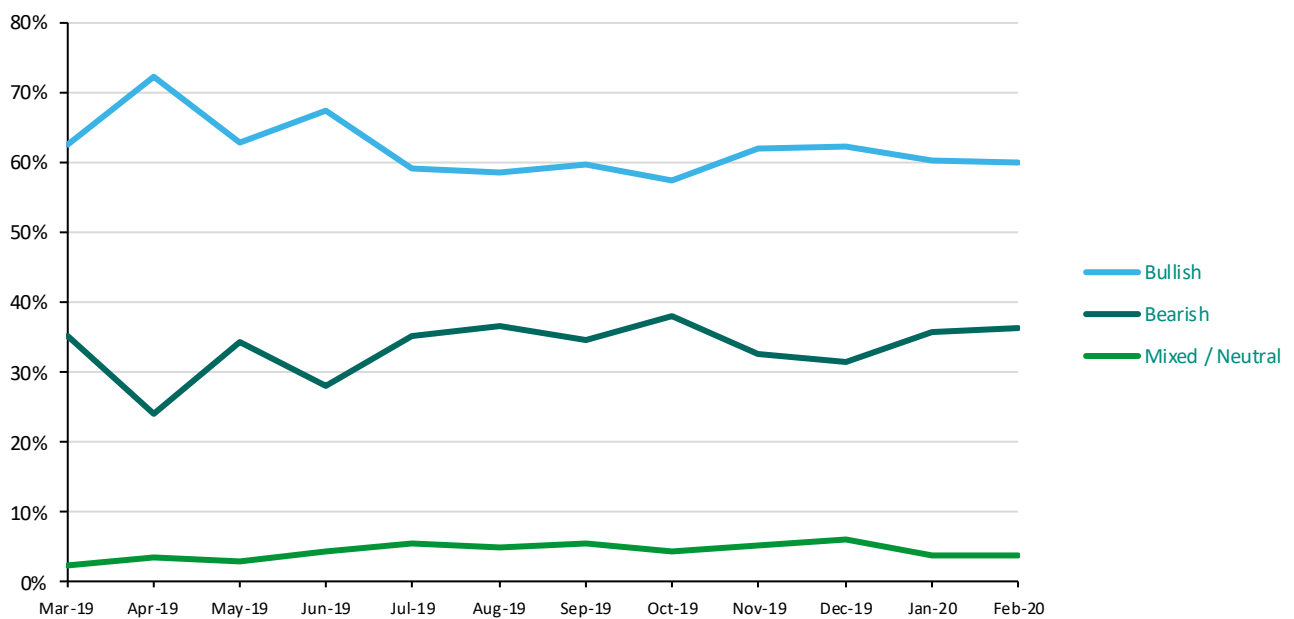
(Source Euronext)



PRODUCT STRATEGIES

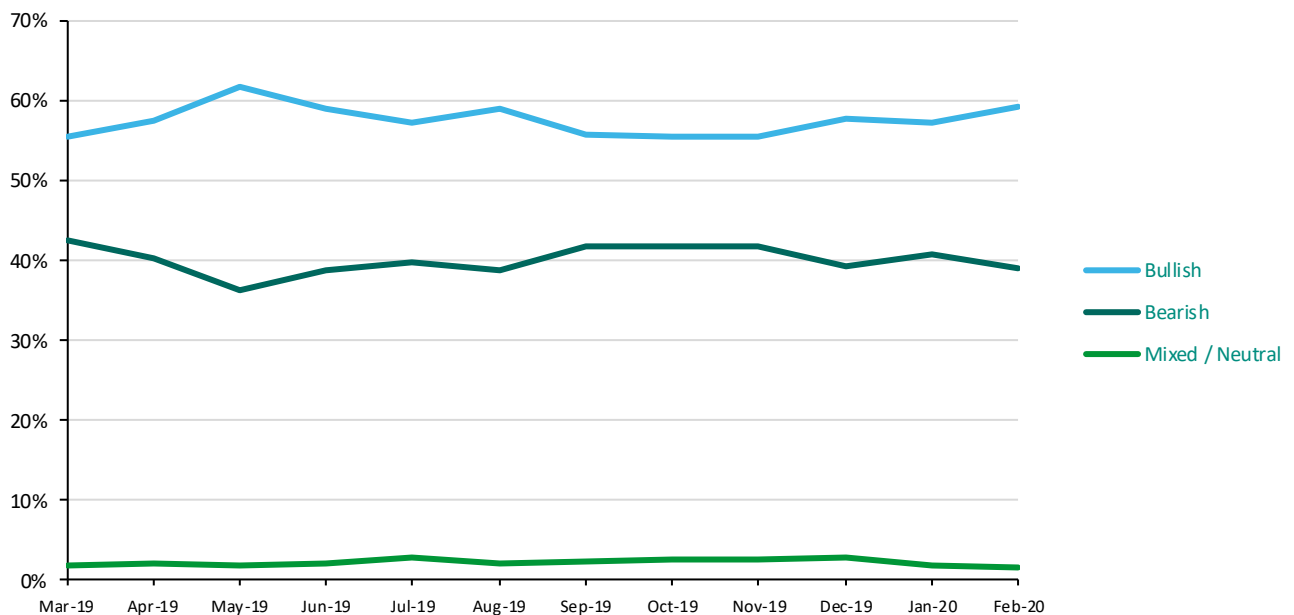
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

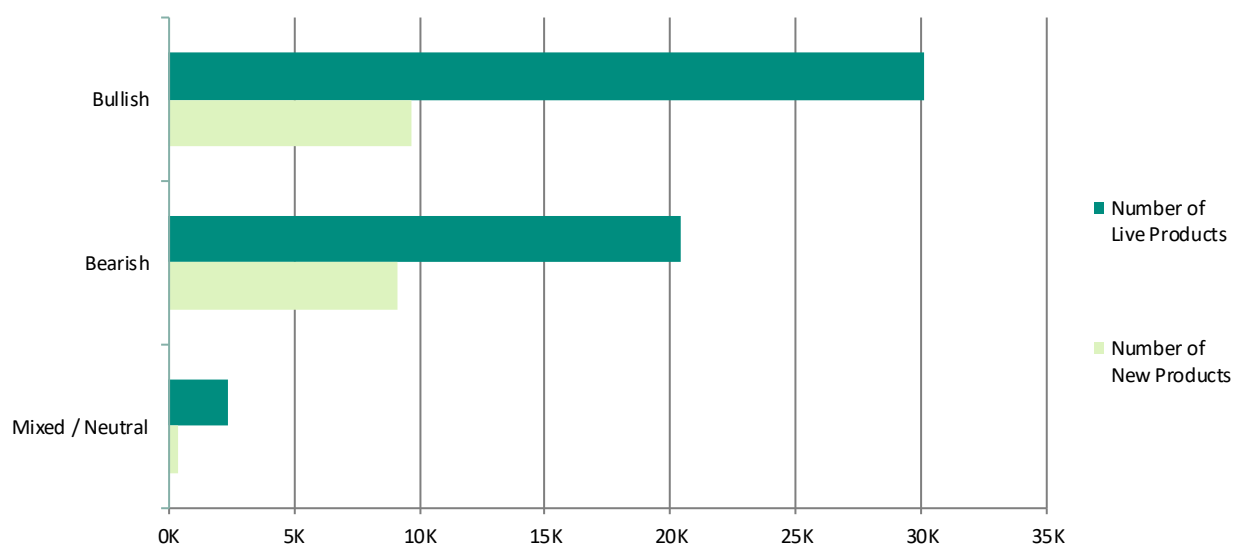
Product Overview

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

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

Strategies	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
Bullish	30,088	9.5%	3.4%	56.9%	9,700	-12.9%	21%	50.6%
Bearish	20,417	15.4%	4.9%	38.6%	9,137	-9.1%	29%	47.6%
Mixed / Neutral	2,352	9.6%	-13.9%	4.5%	347	-56%	-32%	1.8%
Total	52,857	11.7%	3.1%	100%	19,184	-12.7%	22.8%	100%

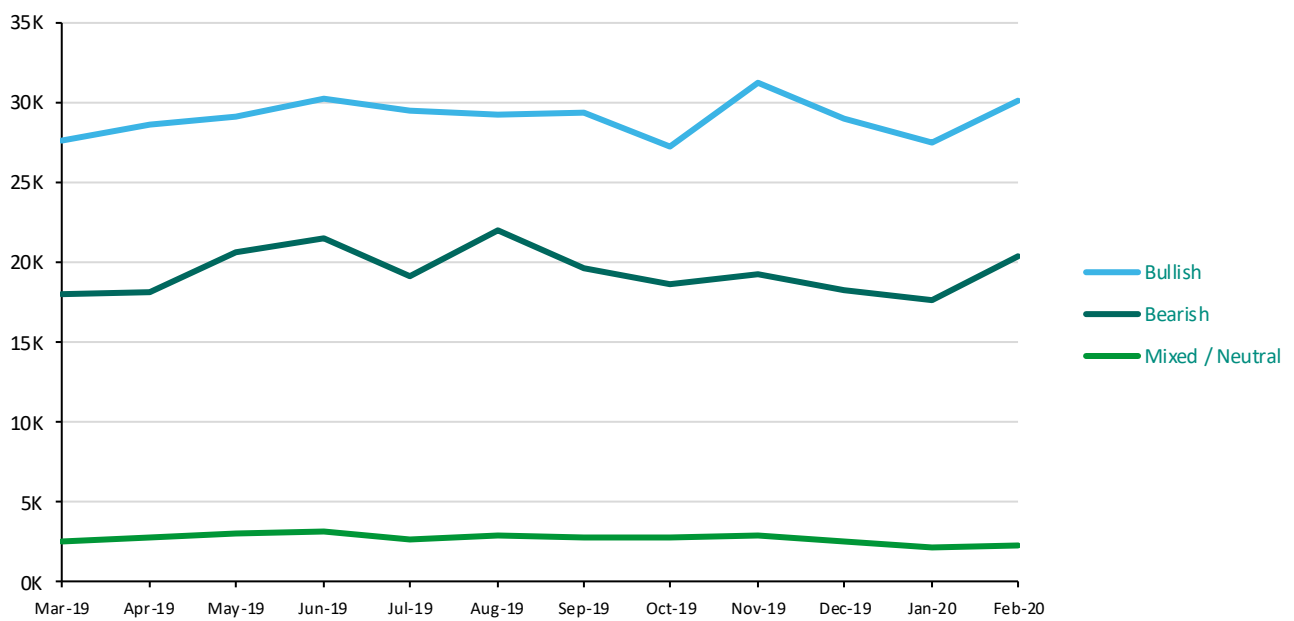
(Source Euronext)



PRODUCT STRATEGIES

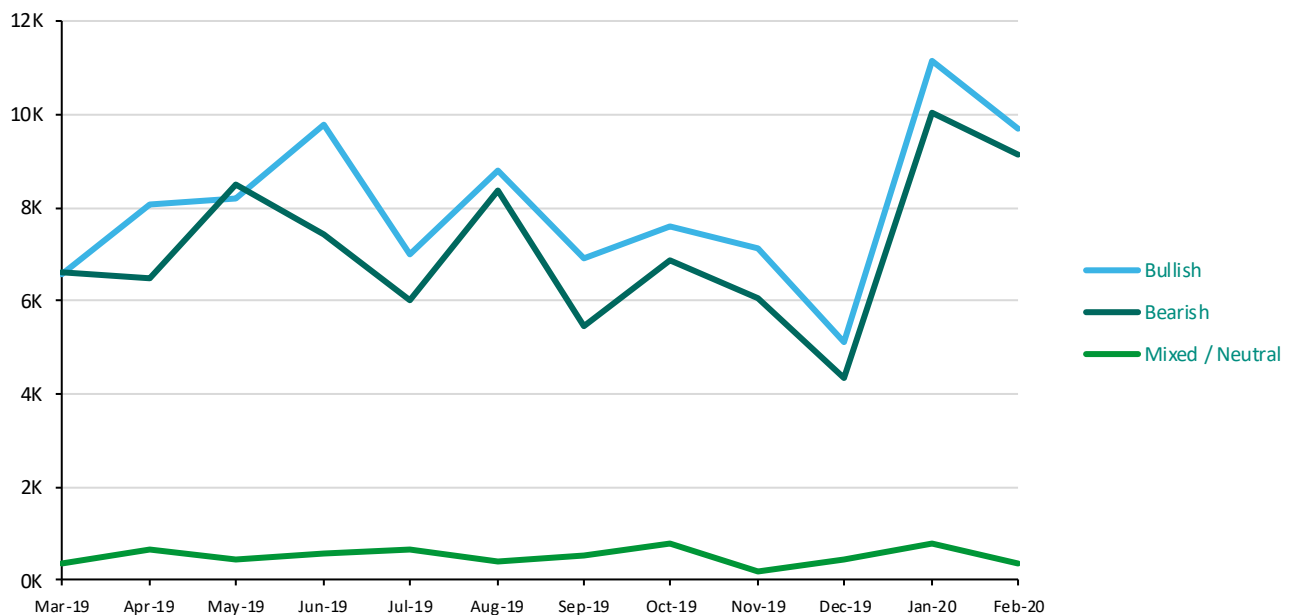
Product Trend: Number of Live Products

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

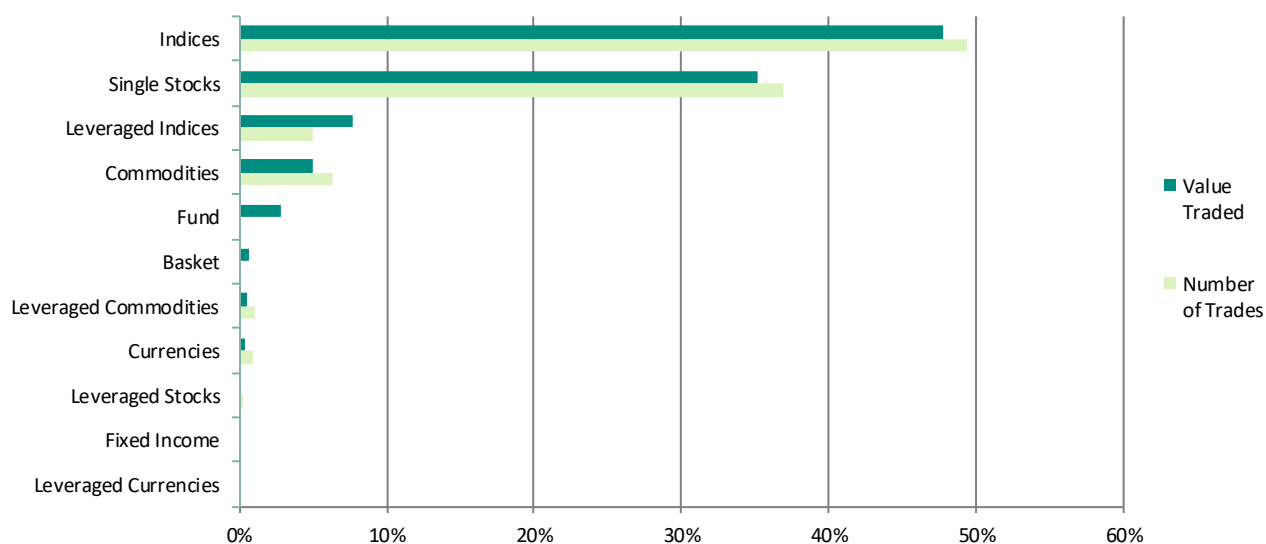
Market Overview

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	10,406	44%	87%	47.8%	4,060	32.9%	75.7%	49.4%
Single Stocks	7,656	25%	86%	35.2%	3,037	36.1%	70.2%	37.0%
Leveraged Indices	1,661	55%	103%	7.6%	412	90.8%	107.8%	5.0%
Commodities	1,091	22%	59%	5.0%	516	35.6%	73.6%	6.3%
Fund	601	-18.8%	-40%	2.8%	8.6	-34.0%	-44.2%	0.1%
Basket	141	68%	329%	0.6%	1.8	-3.8%	46.5%	0.0%
Leveraged Commodities	113	54%	197%	0.5%	81	94.1%	309.5%	1.0%
Currencies	82	-26%	5.3%	0.4%	77	10.7%	39.1%	0.9%
Leveraged Stocks	17	58%	28%	0.1%	21	121.6%	123.8%	0.3%
Fixed Income	2	-18.4%	-75%	0.0%	2.1	-32.1%	-62.4%	0.0%
Leveraged Currencies	0	-78%	-83%	0.0%	0.1	120.0%	-46.7%	0.0%
Total	21,769	33%	76%	100%	8,215	36.5%	74.9%	100%

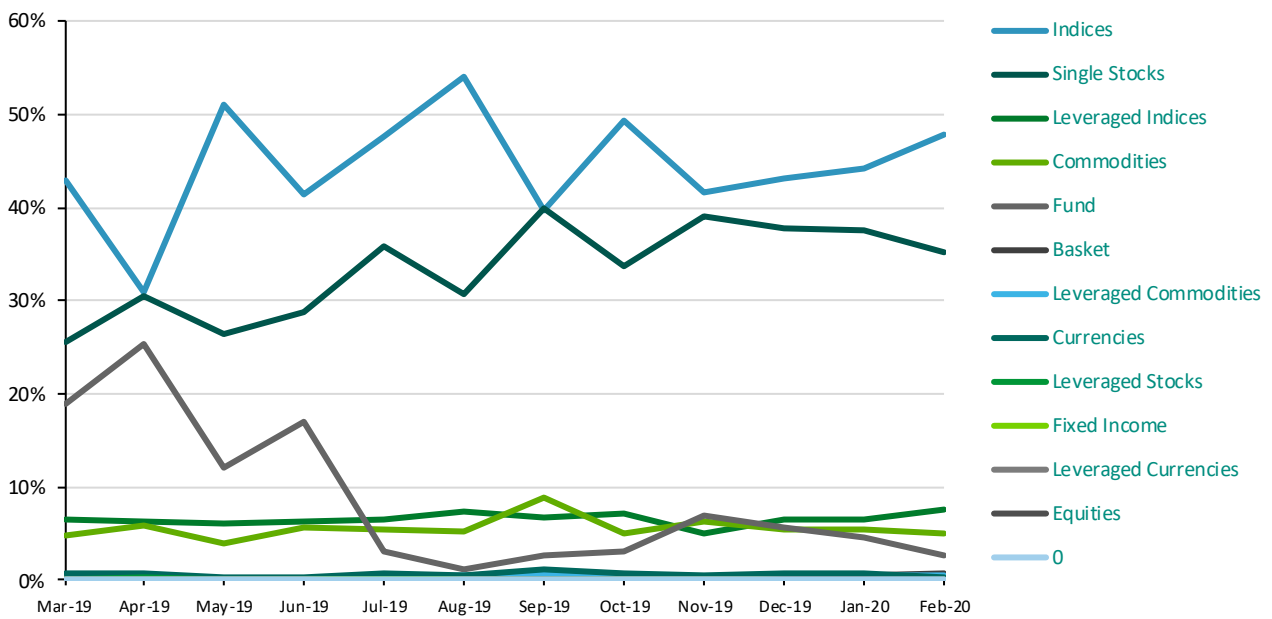
(Source Euronext)



UNDERLYING TYPES

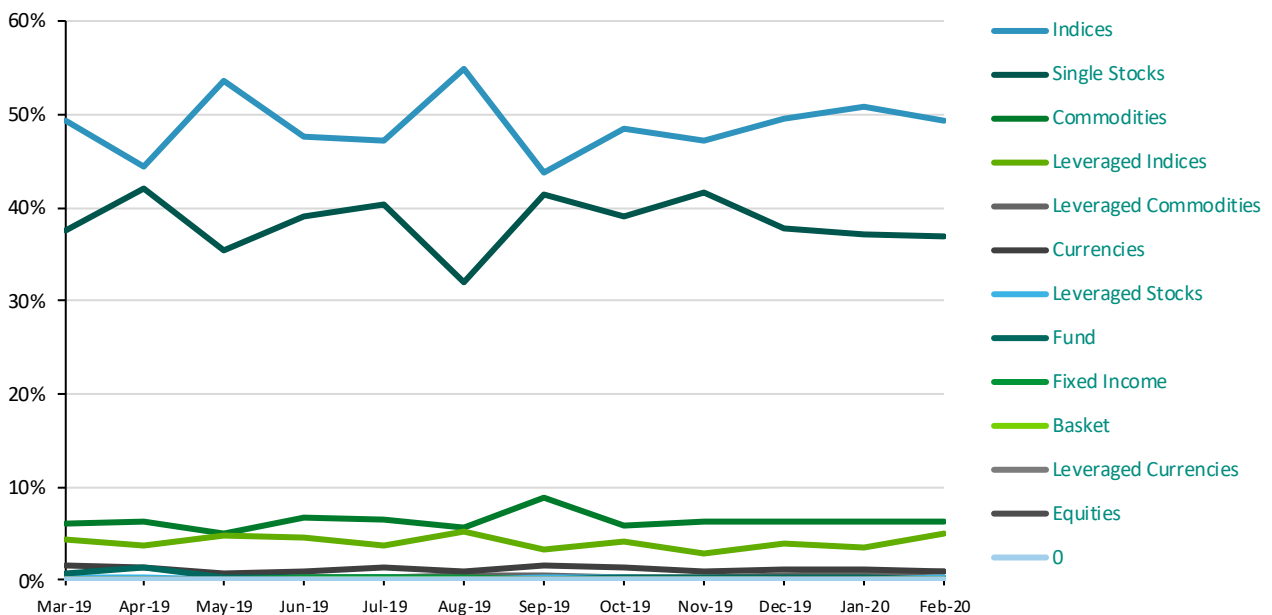
Market Trend: Value traded

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

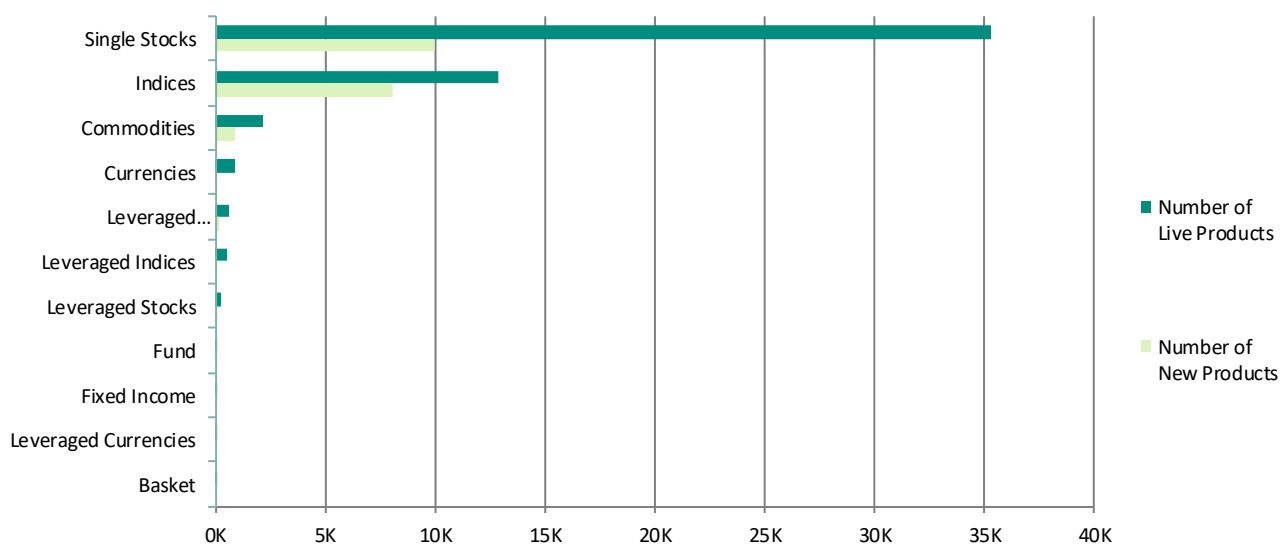
Product Overview

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	35,339	14.9%	2.1%	66.9%	9,977	-23%	16.4%	52.0%
Indices	12,883	6.1%	1.5%	24.4%	8,044	3.9%	30%	41.9%
Commodities	2,180	6.8%	13.0%	4.1%	854	-3.9%	50%	4.5%
Currencies	927	4.5%	-17.1%	1.8%	91	-49%	-45%	0.5%
Leveraged Commodities	580	2.5%	136%	1.1%	138	21%	100%	0.7%
Leveraged Indices	516	3.1%	52%	1.0%	36	-62%	2.4%	0.2%
Leveraged Stocks	243	-0.7%	30%	0.5%	37	147%	200%	0.2%
Fund	94	0.8%	4.7%	0.2%	3	200%	89%	0.0%
Fixed Income	77	-2.8%	10.8%	0.1%	4	300%	-28%	0.0%
Leveraged Currencies	8	0.0%	0.0%	0.0%	0			0.0%
Basket	8	0.0%	62%	0.0%	0		-100%	0.0%
Total	52,857	11.7%	3.1%	100%	19,184	-12.7%	23%	100%

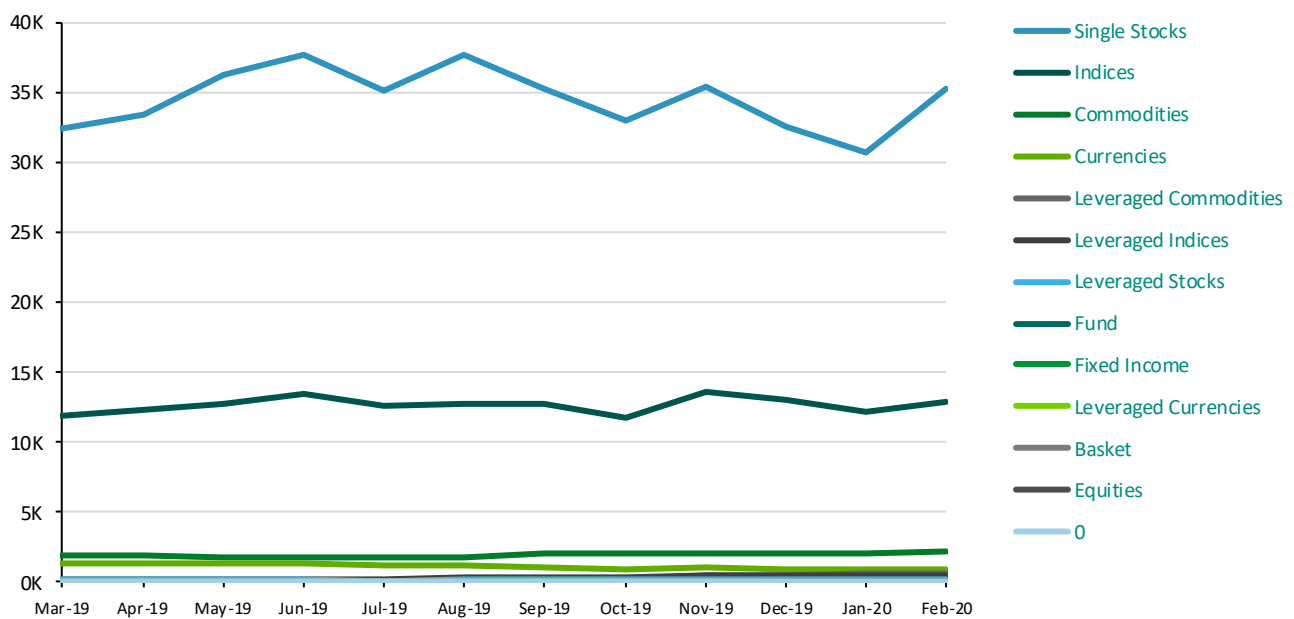
(Source Euronext)



UNDERLYING TYPES

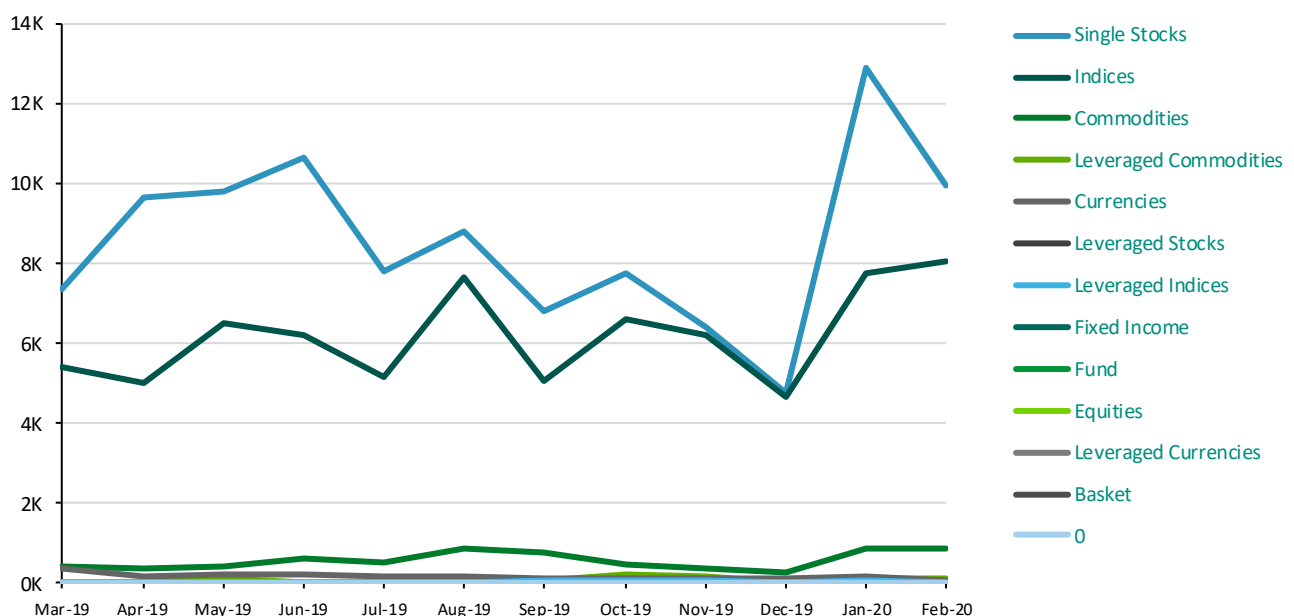
Product Trend: Number of Live Products

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

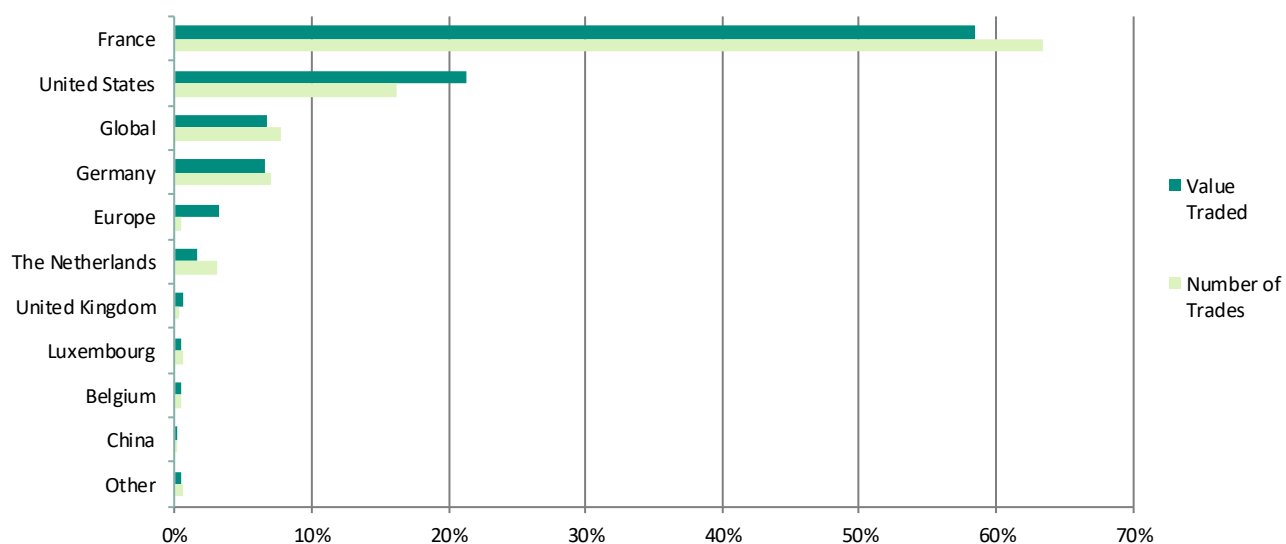
Market Overview

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	12,739	33%	67%	58.5%	5,207	34.1%	62.2%	63.4%
United States	4,626	49%	170%	21.3%	1,330	42%	132%	16.2%
Global	1,477	35%	82%	6.8%	641	44%	86%	7.8%
Germany	1,423	15.4%	76%	6.5%	576	14.3%	51%	7.0%
Europe	708	-12.8%	-33%	3.3%	38	-11.8%	4.5%	0.5%
The Netherlands	352	111%	273%	1.6%	256	170%	420%	3.1%
United Kingdom	118	31%	236%	0.5%	26	38%	130%	0.3%
Luxembourg	107	18.9%	38%	0.5%	48	79%	22%	0.6%
Belgium	83	108%	61%	0.4%	37	97%	68%	0.5%
China	41	-42%	108%	0.2%	7.9	-39%	91%	0.1%
Other	93	46%	62%	0.4%	47	56%	87%	0.6%
Total	21,769	33.4%	75.9%	100%	8,215	36.5%	74.9%	100%

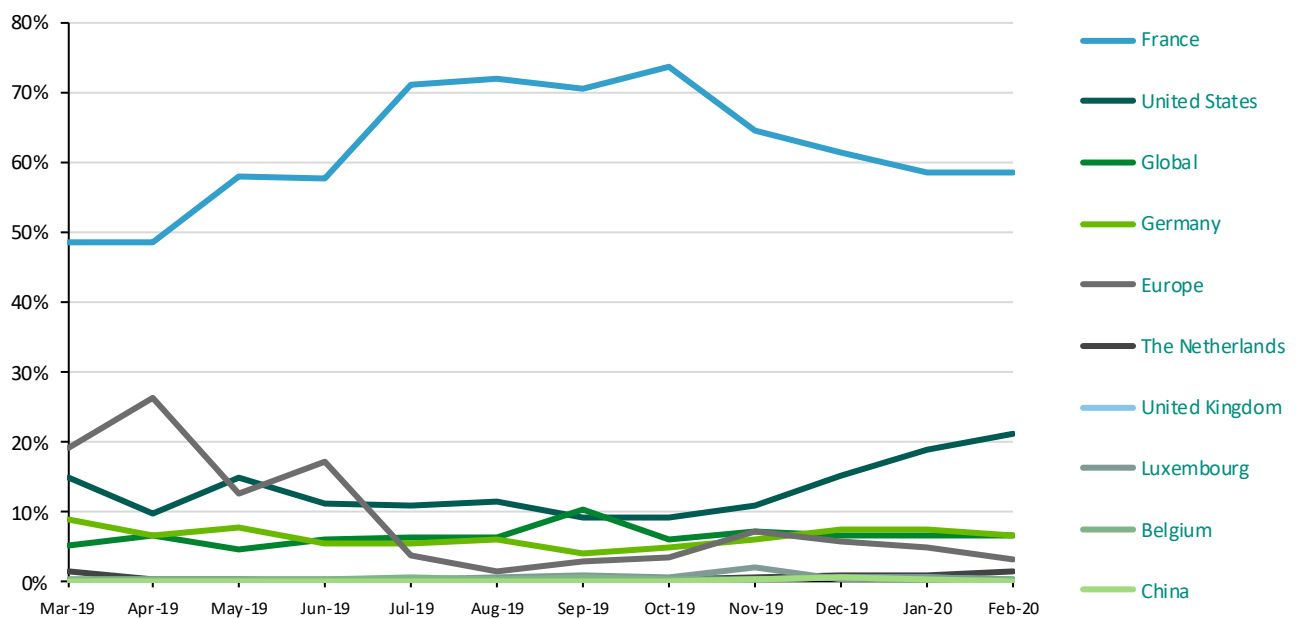
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

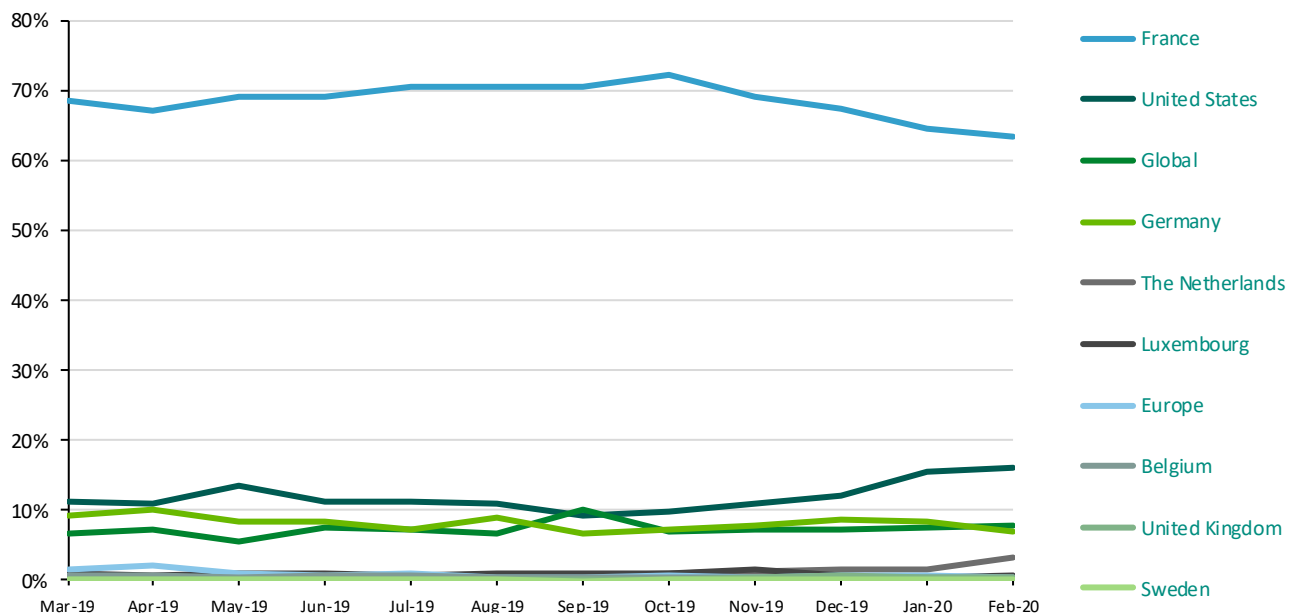
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

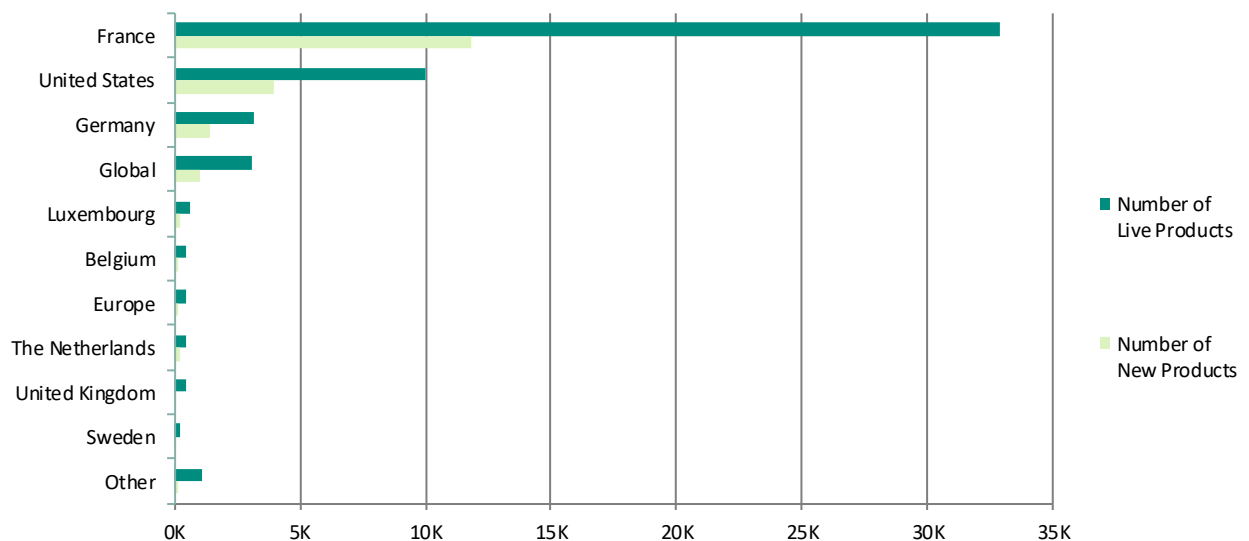
Product Overview

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

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

Underlying Countries	Number of Live Products				Number of New Products			
	Daily average	Month on month	vs. Last 12 months	Market share	This month	Month on month	vs. Last 12 months	Market share
France	32,901	12.6%	1.1%	62.2%	11,831	-18.7%	17.7%	61.7%
United States	10,020	15.5%	8.2%	19.0%	3,938	0.9%	37%	20.5%
Germany	3,174	1.8%	-1.4%	6.0%	1,421	-2.3%	17.2%	7.4%
Global	3,059	5.7%	23%	5.8%	1,027	-3.3%	49%	5.4%
Luxembourg	609	13.6%	-3.1%	1.2%	228	-4.6%	13.5%	1.2%
Belgium	469	7.7%	-7.6%	0.9%	127	67%	22%	0.7%
Europe	447	4.9%	-11.8%	0.8%	109	10.1%	37%	0.6%
The Netherlands	440	9.8%	13.8%	0.8%	225	22%	74%	1.2%
United Kingdom	440	9.8%	-6.5%	0.8%	60	-55%	-17.5%	0.3%
Sweden	231	22%	4.0%	0.4%	68	-10.5%	28%	0.4%
Other	1,067	3.5%	-0.4%	2.0%	150	-22%	-3.5%	0.8%
Total	52,857	11.7%	3.1%	100%	19,184	-12.7%	22.8%	100%

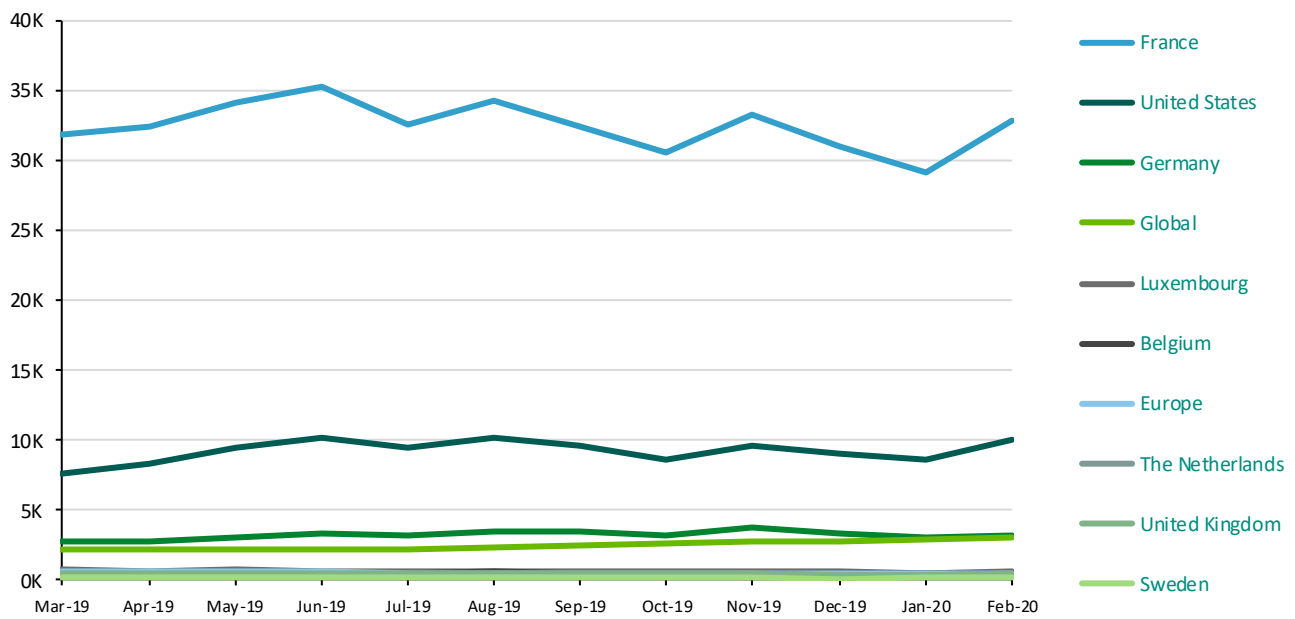
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TOP 10 UNDERLYING COUNTRIES

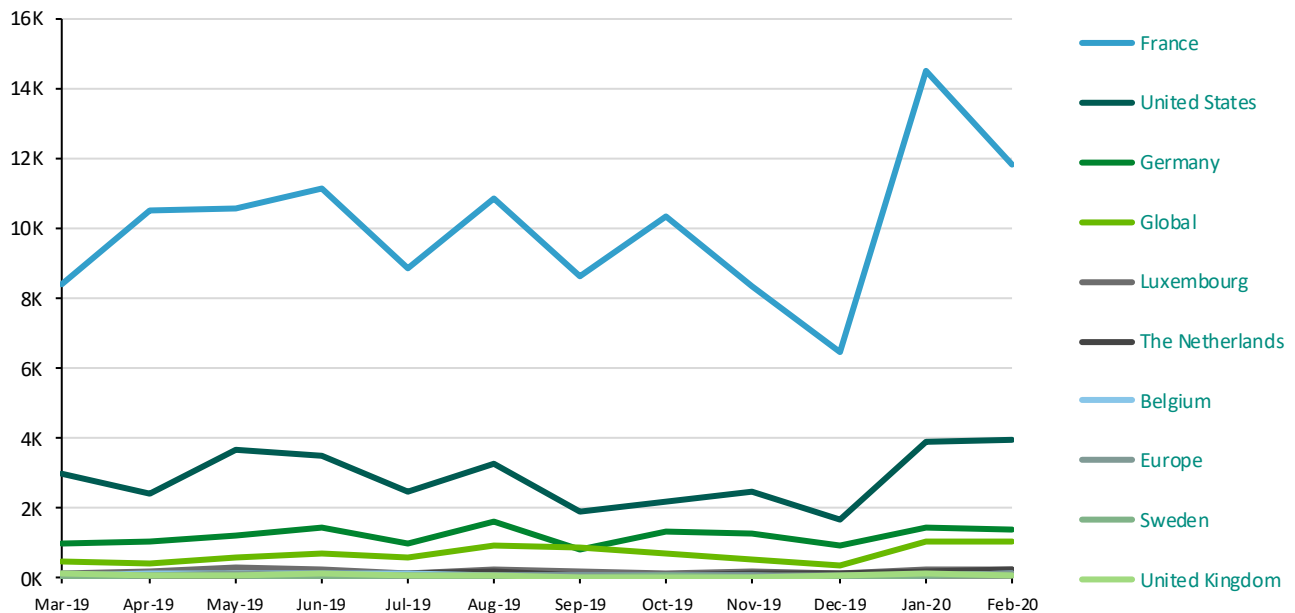
Product Trend: Number of Live Products

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

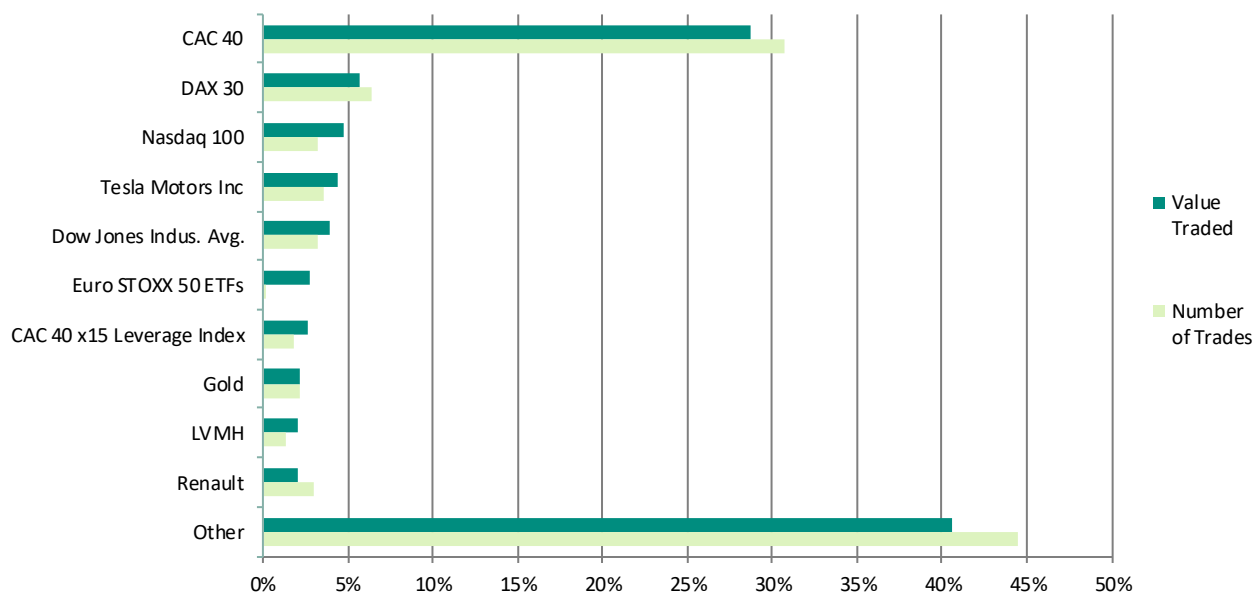
Market Overview

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	6,242	31%	74%	28.7%	2,519	28.3%	66.9%	30.7%
DAX 30	1,246	43%	77%	5.7%	528	17.7%	52%	6.4%
Nasdaq 100	1,041	124%	186%	4.8%	264	35%	82%	3.2%
Tesla Motors Inc	970	117%	494%	4.5%	293	84%	458%	3.6%
Dow Jones Indus. Avg.	866	48%	65%	4.0%	260	34%	72%	3.2%
Euro STOXX 50 ETFs	597	-19.0%	-41%	2.7%	8.1	-36%	-46%	0.1%
CAC 40 x15 Leverage Index	586	29%	118%	2.7%	152	110%	140%	1.9%
Gold	482	5.9%	80%	2.2%	178	29%	88%	2.2%
LVMH	449	62%	191%	2.1%	110	19.9%	128%	1.3%
Renault	446	19.8%	139%	2.1%	249	55%	183%	3.0%
Other	8,844	28%	72%	40.6%	3,653	41%	67%	44.5%
Total	21,769	33.4%	75.9%	100%	8,215	36.5%	74.9%	100%

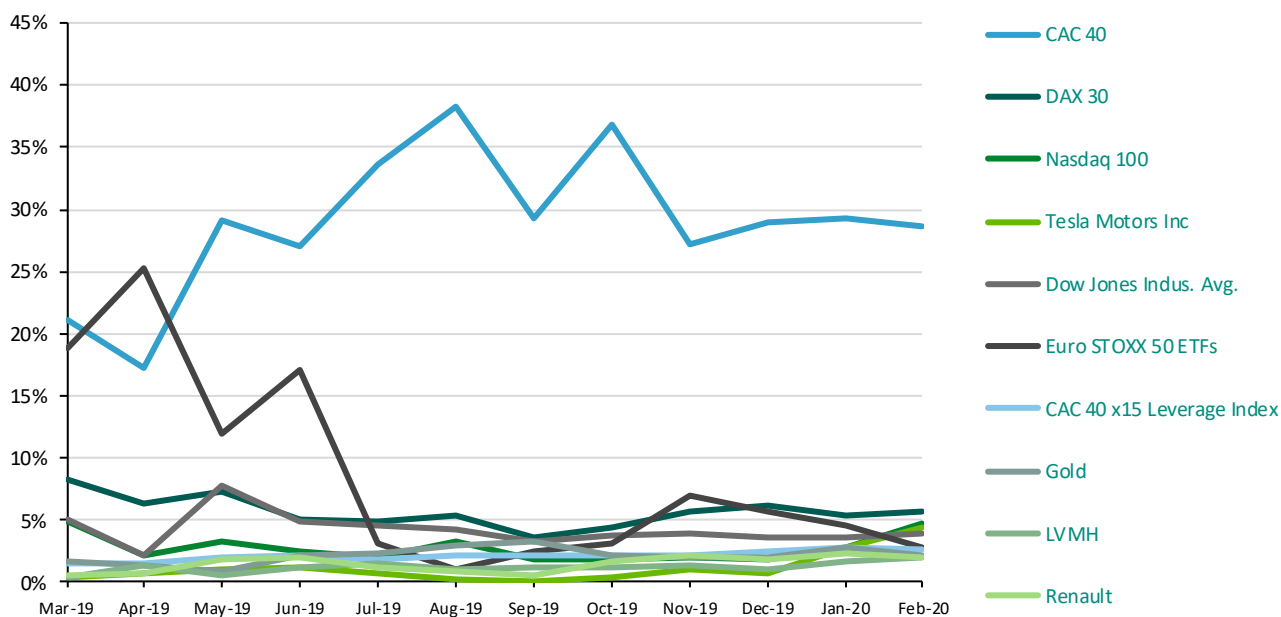
(Source Euronext)



TOP 10 UNDERLYINGS

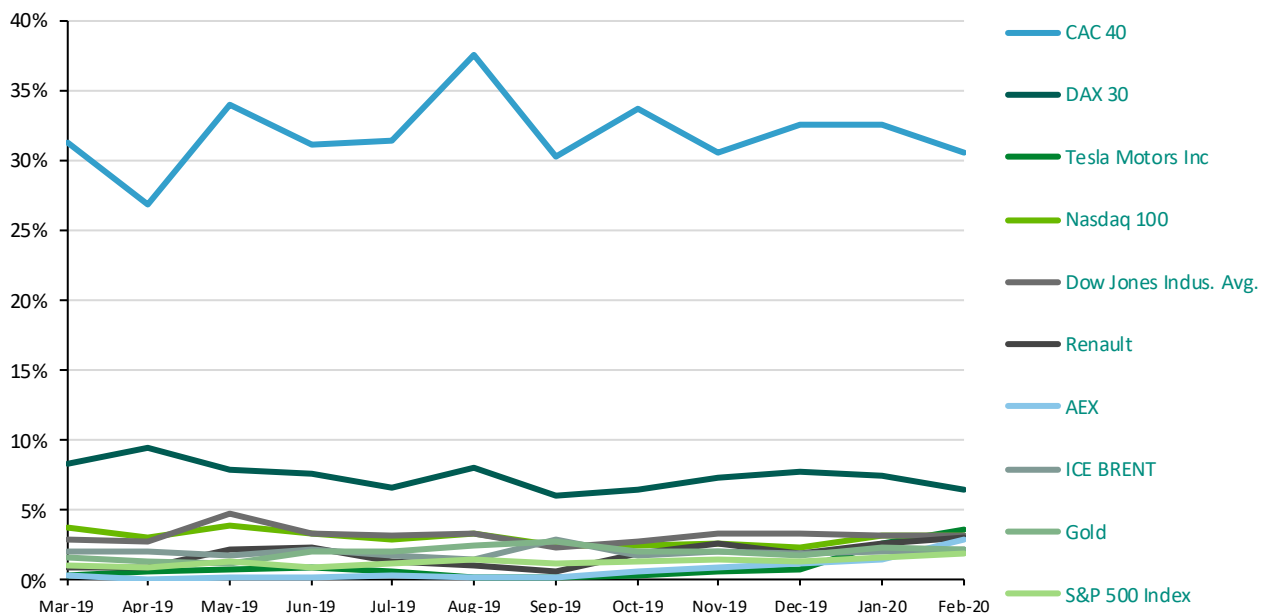
Market Trend: Value traded

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

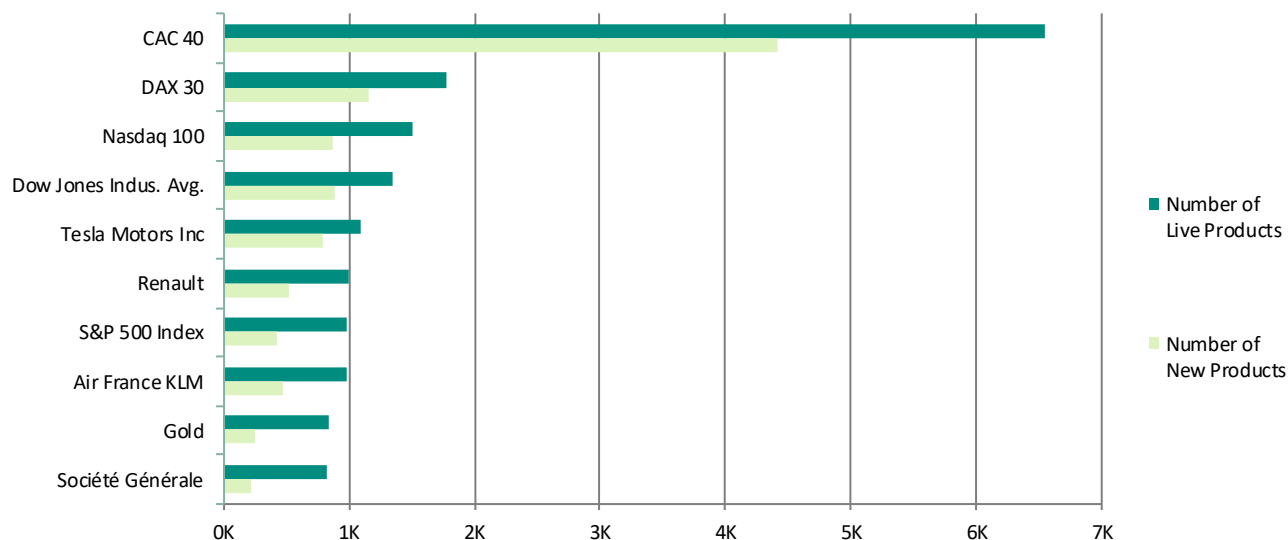
Product Overview

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	6,553	3.7%	-1.3%	12.4%	4,419	-3.3%	20%	23.0%
DAX 30	1,779	-2.2%	-4.1%	3.4%	1,152	13.3%	27%	6.0%
Nasdaq 100	1,510	21%	23%	2.9%	878	12.0%	60%	4.6%
Dow Jones Indus. Avg.	1,355	11.1%	3.5%	2.6%	893	25%	53%	4.7%
Tesla Motors Inc	1,098	60%	90%	2.1%	797	9.0%	205%	4.2%
Renault	991	26%	12.4%	1.9%	528	-8.0%	67%	2.8%
S&P 500 Index	976	13.7%	8.3%	1.8%	429	3.1%	42%	2.2%
Air France KLM	976	15.8%	-2.5%	1.8%	470	-23%	27%	2.4%
Gold	834	6.0%	15.8%	1.6%	252	-19.7%	29%	1.3%
Société Générale	825	15.6%	0.6%	1.6%	214	-37%	0.5%	1.1%
Other	35,961	12.2%	1.7%	68.0%	9,152	-23%	11.0%	47.7%
Total	52,857	11.7%	3.1%	100%	19,184	-12.7%	22.8%	100%

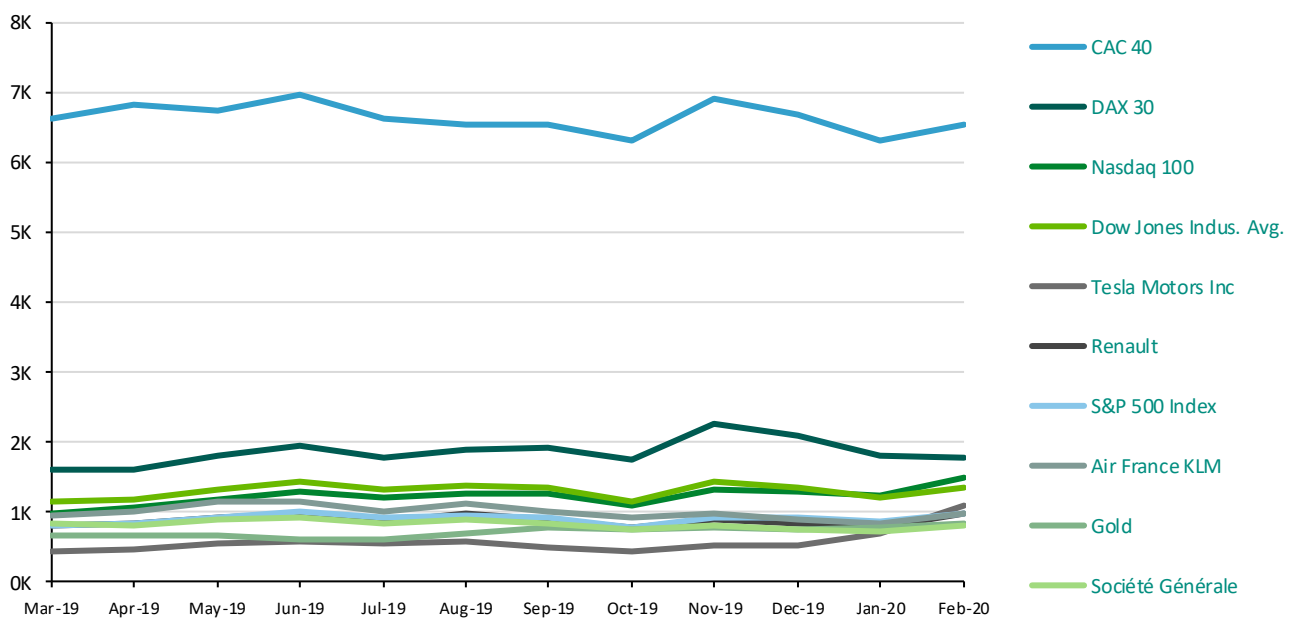
(Source Euronext)



TOP 10 UNDERLYINGS

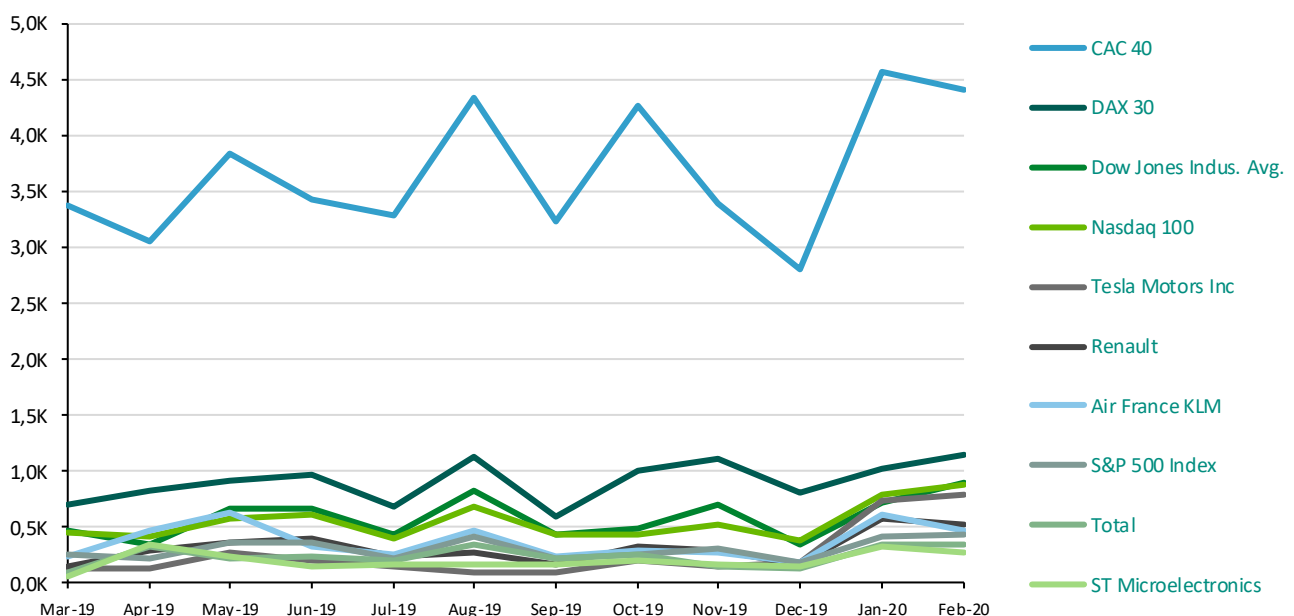
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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
NL0013666209	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	5,986	51
FR0013188612	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leverage Index	5,850	1,063
NL0013924095	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	4,715	11
DE000VE6N4R7	Vontobel	2100 Warrants	Tesla Motors Inc	3,912	95
FR0013217940	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leverage Index	3,551	931
LU1815432486	Société Générale	1300 Tracker Certificates	CAC 40 x15 Short Index	3,310	805
DE000CL1GML9	Commerzbank	2300 Constant Leverage Certificate	CAC 40	2,963	749
NL0006191470	BNP Paribas	1300 Tracker Certificates	Precious Metals Basket	2,820	26
LU1815432056	Société Générale	1300 Tracker Certificates	CAC 40 x10 Short Index	2,553	413
LU2000310917	Société Générale	2210 Mini-Futures	CAC 40	2,390	217
DE000CU15504	Commerzbank	2300 Constant Leverage Certificate	CAC 40	2,359	665
FR0010961078	Société Générale	2300 Constant Leverage Certificate	CAC 40 x5 Leverage Index	2,286	472
FR0010511535	Société Générale	1300 Tracker Certificates	Brent	2,259	383
DE000CD5NZY1	Commerzbank	2300 Constant Leverage Certificate	CAC 40	2,086	425
DE000CU13SE6	Commerzbank	2100 Warrants	Kering	1,959	122
DE000VE6Z343	Vontobel	2205 Open-End Knock-Out Warrants	CAC 40	1,956	433
FR0013101565	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leverage Index	1,739	442
LU1555074977	Société Générale	2300 Constant Leverage Certificate	CAC 40 x15 Leverage Index	1,673	713
DE000CL1GL63	Commerzbank	2300 Constant Leverage Certificate	CAC 40	1,646	339
LU1815432130	Société Générale	1300 Tracker Certificates	CAC 40 x12 Short Index	1,625	377
FRBNPP019XQ0	BNP Paribas	2205 Open-End Knock-Out Warrants	LVMH	1,600	27
DE000CL1JD37	Commerzbank	2205 Open-End Knock-Out Warrants	Nasdaq 100	1,562	13
FR0013135837	Société Générale	2300 Constant Leverage Certificate	CAC 40 x4 Short Index	1,449	71
LU2024284957	Société Générale	2205 Open-End Knock-Out Warrants	LVMH	1,436	15
DE000VE6NR92	Vontobel	2205 Open-End Knock-Out Warrants	Tesla Motors Inc	1,308	594
FRBNPP017DD4	BNP Paribas	2210 Mini-Futures	Wirecard	1,286	35
FR0013427929	Commerzbank	1250 Capped Bonus Certificates	Vallourec	1,224	67
DE000VE60B21	Vontobel	2200 Knock-Out Warrants	DAX 30	1,196	255
DE000CU6MU94	Commerzbank	2210 Mini-Futures	VIX Futures	1,193	123
DE000VE587C2	Vontobel	2200 Knock-Out Warrants	DAX 30	1,169	187
FR0011214527	Société Générale	2300 Constant Leverage Certificate	CAC 40 x10 Leverage Index	1,112	555
DE000UC1ANV8	Unicredit	2200 Knock-Out Warrants	Dow Jones Indus. Avg.	1,074	36
FRBNPP01CJU4	BNP Paribas	2200 Knock-Out Warrants	CAC 40	1,031	66
DE000CJ8Z2C6	Commerzbank	2210 Mini-Futures	Facebook Inc	1,011	25
FR0010511543	Société Générale	1300 Tracker Certificates	Brent	985	185
DE000VE6Z6G1	Vontobel	2205 Open-End Knock-Out Warrants	DAX 30	963	177
DE000VE6N4V9	Vontobel	2205 Open-End Knock-Out Warrants	AEX	943	580
FRBNPP019KJ2	BNP Paribas	2200 Knock-Out Warrants	CAC 40	933	57
NL0013666191	BNP Paribas	2100 Warrants	Euro STOXX 50 ETFs	895	42
DE000CL2FU88	Commerzbank	2200 Knock-Out Warrants	CAC 40	849	79
FRBNPP016TJ9	BNP Paribas	2210 Mini-Futures	CAC 40	842	34
FR0010673350	Société Générale	1300 Tracker Certificates	Gold	835	85
DE000VE7DJ85	Vontobel	2205 Open-End Knock-Out Warrants	AEX	831	430
FRBNPP01JT58	BNP Paribas	2300 Constant Leverage Certificate	CAC 40	826	267
DE000CQ7CV43	Citi	2300 Constant Leverage Certificate	CAC 40 x15 Short Index	799	118
DE000UC1BQP1	Unicredit	2200 Knock-Out Warrants	DAX 30	799	29
FR0011214501	Société Générale	2300 Constant Leverage Certificate	CAC 40 x5 Leverage Index	792	90
FRBNPP017VF1	BNP Paribas	2300 Constant Leverage Certificate	CAC 40	773	293
DE000CL1GL71	Commerzbank	2300 Constant Leverage Certificate	CAC 40	756	24
LU2000164082	Société Générale	2100 Warrants	CAC 40	752	10

(Source Euronext)

PARIS REAL ESTATE FUTURES CONTRACT



EURONEXT FUTURES CONTRACT ON PARIS RESIDENTIAL REAL ESTATE

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

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

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

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

ABOUT THE INDEX

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

BENEFITS OF THE PARIS REAL ESTATE FUTURES CONTRACT FOR USERS:

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

Find out more

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

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

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