



warrants and certificates

Activity report

Issue 92
March 2019

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| | Euronext Amsterdam | Euronext Brussels | Euronext Lisbon | Euronext Paris | Euronext |
|-------------------------------|-----------------------|----------------------|--------------------|-------------------|----------------|
| Live products (on 31/03/2019) | 21,291 | 763 | 1,513 | 48,265 | 71,831 |
| New Products | 4,529 | 239 | 416 | 13,562 | 18,746 |
| New Products YTD | 13,963 | 579 | 1,313 | 45,805 | 61,660 |
| Value Traded (in €m) | 449.3 | 6.4 | 138.9 | 290.7 | 885.4 |
| Value Traded YTD (in €m) | 1,210.7 | 35.5 | 260.5 | 807.8 | 2,314.5 |
| Value Traded ADV (in €m) | 21.4 | 0.3 | 6.6 | 13.8 | 42.2 |
| Value Traded YTD ADV (in €m) | 19.2 | 0.6 | 4.1 | 12.8 | 36.7 |
| Number of Trades | 164,312 | 4,032 | 11,651 | 96,885 | 276,880 |
| Number of Trades YTD | 478,340 | 12,890 | 25,930 | 295,600 | 812,760 |
| Number of Trades ADV | 7,824 | 192 | 555 | 4,614 | 13,185 |
| Number of Trades YTD ADV | 7,593 | 205 | 412 | 4,692 | 12,901 |

(Source Euronext)

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Euronext Markets

ISSUERS

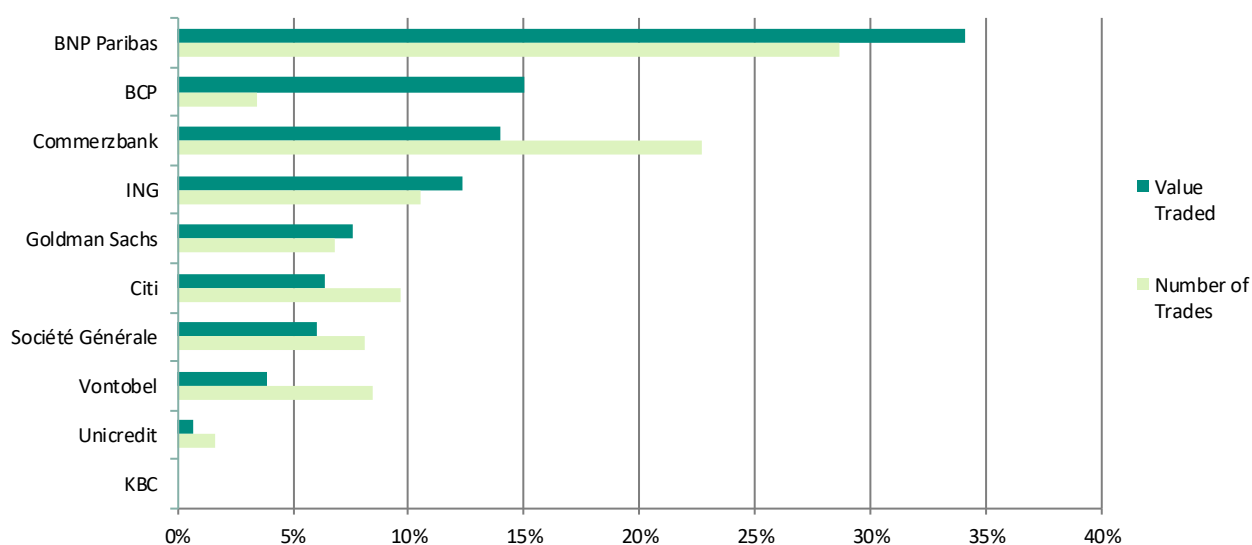
Market Overview

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 | 14,391 | 16.3% | 8.8% | 34.1% | 3,783 | -0.2% | 7.7% | 28.7% |
| BCP | 6,315 | -0.3% | -17.1% | 15.0% | 448 | -85.5% | -86.8% | 3.4% |
| Commerzbank | 5,892 | 53% | 41% | 14.0% | 2,997 | 951.9% | 165.0% | 22.7% |
| ING | 5,199 | 94% | 75% | 12.3% | 1,388 | 19.7% | 33.2% | 10.5% |
| Goldman Sachs | 3,207 | 19.9% | 10.4% | 7.6% | 894 | -14.4% | -38.1% | 6.8% |
| Citi | 2,673 | 7.1% | -0.4% | 6.3% | 1,278 | 48.2% | 46.6% | 9.7% |
| Société Générale | 2,546 | 15.4% | 7.0% | 6.0% | 1,071 | -11.7% | 422.1% | 8.1% |
| Vontobel | 1,639 | 13.5% | 9.6% | 3.9% | 1,115 | 27.3% | 29.9% | 8.5% |
| Unicredit | 298 | -4.0% | -21% | 0.7% | 212 | 6.3% | 10.3% | 1.6% |
| KBC | 0 | -100% | -100% | 0.0% | 0.0 | -100.0% | -100.0% | 0.0% |
| Total | 42,160 | 22.6% | 11.2% | 100% | 13,185 | 5.2% | 4.3% | 100% |

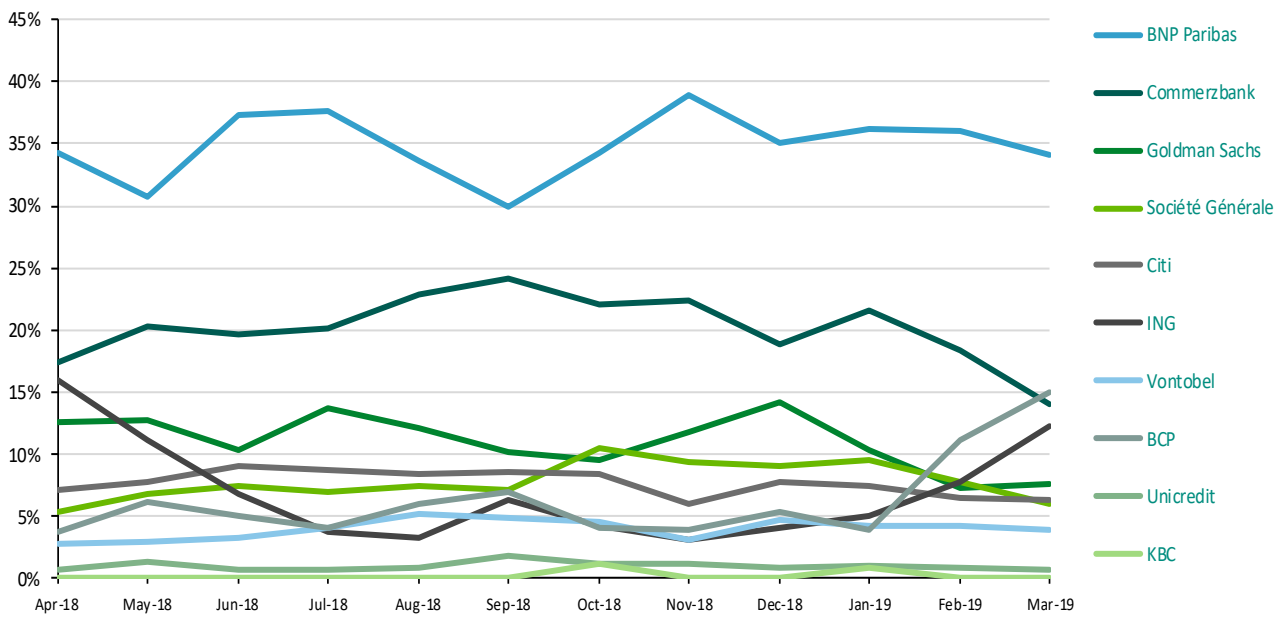
(Source Euronext)



ISSUERS

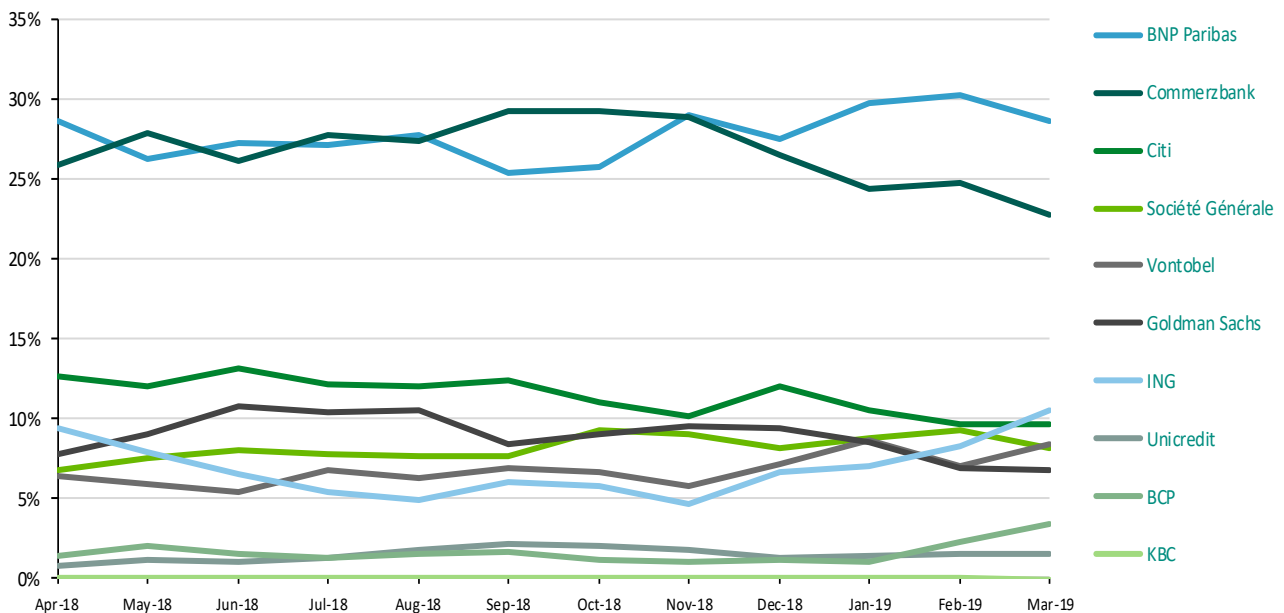
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

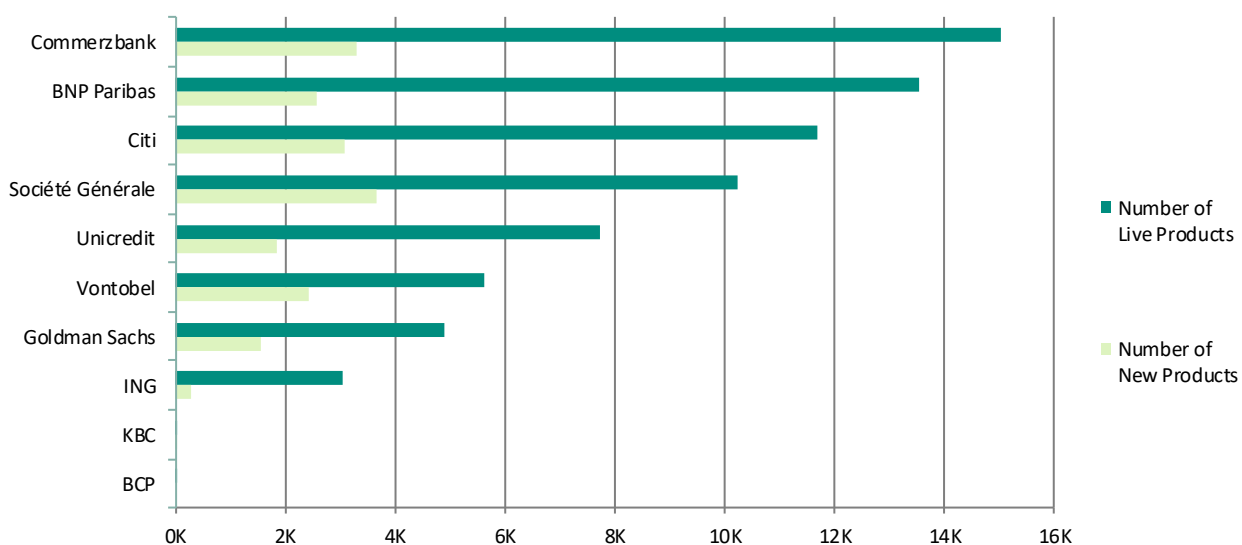
Product Overview

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

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

| Issuers | Number of Live Products | | | | Number of New Products | | | |
|------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Commerzbank | 15,022 | -5.8% | -0.5% | 20.9% | 3,316 | 12.1% | -0.1% | 17.7% |
| BNP Paribas | 13,544 | -1.7% | 24% | 18.9% | 2,588 | -26% | -20% | 13.8% |
| Citi | 11,698 | 1.0% | 3.3% | 16.3% | 3,090 | -20% | -7.1% | 16.5% |
| Société Générale | 10,244 | -7.7% | 11.5% | 14.3% | 3,664 | 6.4% | 29% | 19.5% |
| Unicredit | 7,740 | 1.5% | 11.6% | 10.8% | 1,839 | -27% | 4.8% | 9.8% |
| Vontobel | 5,610 | -6.4% | -0.5% | 7.8% | 2,416 | 10.6% | -3.6% | 12.9% |
| Goldman Sachs | 4,892 | 0.2% | -4.8% | 6.8% | 1,537 | 113% | 25% | 8.2% |
| ING | 3,037 | 1.7% | -2.7% | 4.2% | 295 | 3.1% | -2.2% | 1.6% |
| KBC | 23 | -9.0% | 7.4% | 0.0% | 1 | 0.0% | -54% | 0.0% |
| BCP | 22 | 0.0% | -1.3% | 0.0% | 0 | | -100% | 0.0% |
| Total | 71,831 | -2.9% | 6.6% | 100% | 18,746 | -4.0% | 1.2% | 100% |

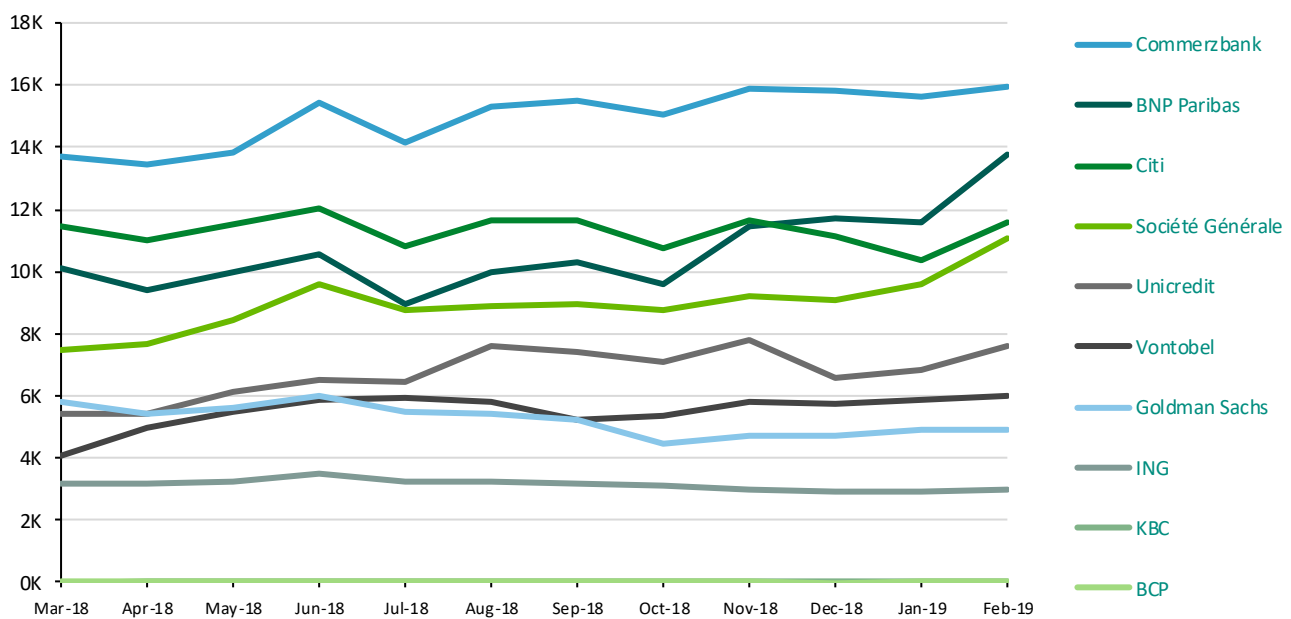
(Source Euronext)



ISSUERS

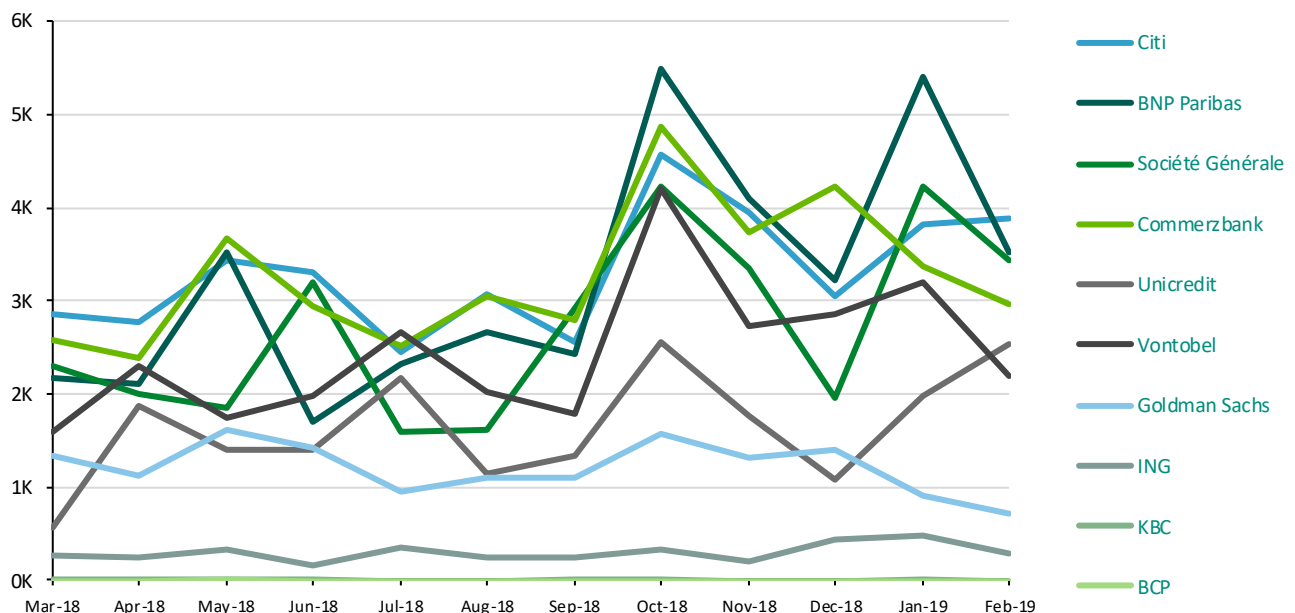
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

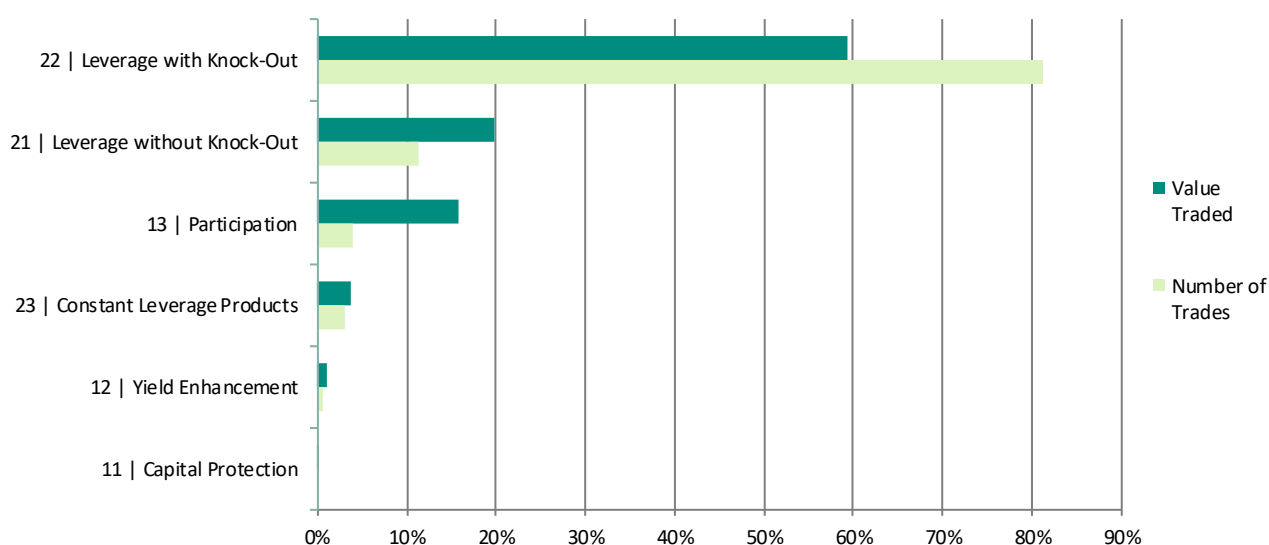
Market Overview

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

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

| Product Types (EUSIPA Categorization Level 2) | Value Traded | | | | Number of Trades | | | |
|--|--------------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| 22 Leverage with Knock-Out | 25,068 | 5.9% | -8.0% | 59.5% | 10,707 | 3.0% | 1.9% | 81.2% |
| 21 Leverage without Knock-Out | 8,388 | 83% | 60% | 19.9% | 1,490 | 15.9% | 17.4% | 11.3% |
| 13 Participation | 6,708 | 58% | 138% | 15.9% | 514 | 44.7% | 92.1% | 3.9% |
| 23 Constant Leverage Products | 1,534 | 3.3% | -22% | 3.6% | 405 | -3.8% | -22.2% | 3.1% |
| 12 Yield Enhancement | 460 | 15.8% | -28% | 1.1% | 69 | 1.2% | -13.5% | 0.5% |
| 11 Capital Protection | 1 | -71% | -12.7% | 0.0% | 0.3 | -36.5% | -4.1% | 0.0% |
| Total | 42,160 | 22.6% | 11.2% | 100% | 13,185 | 5.2% | 4.3% | 100% |

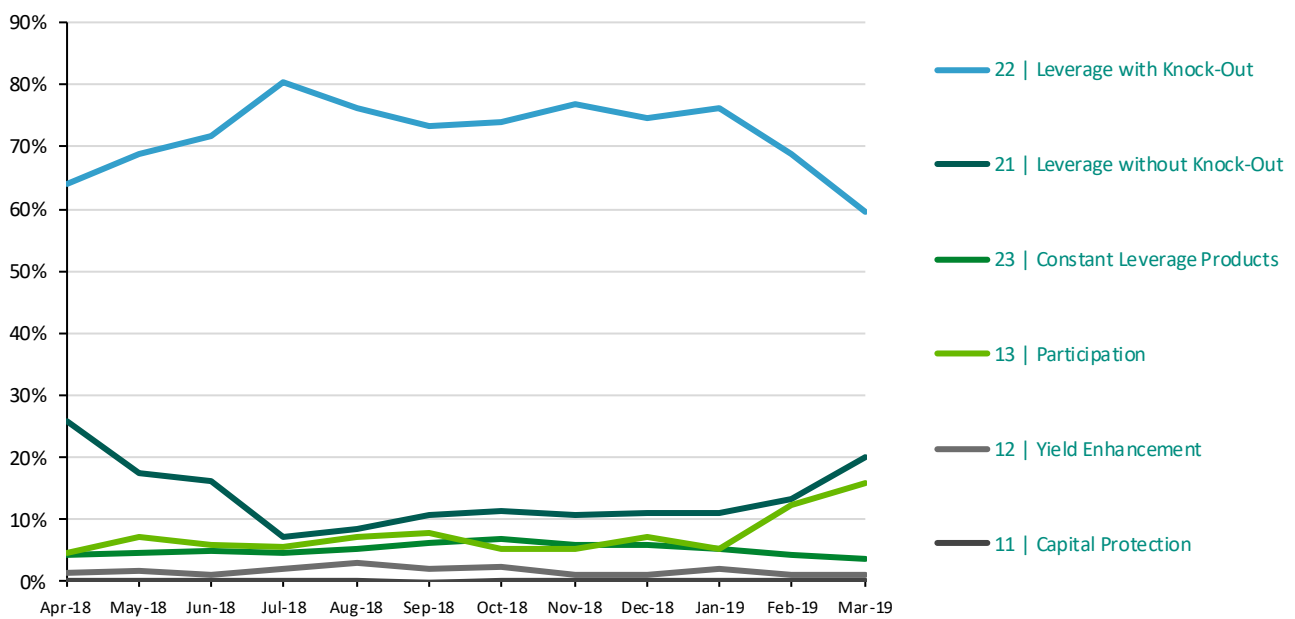
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

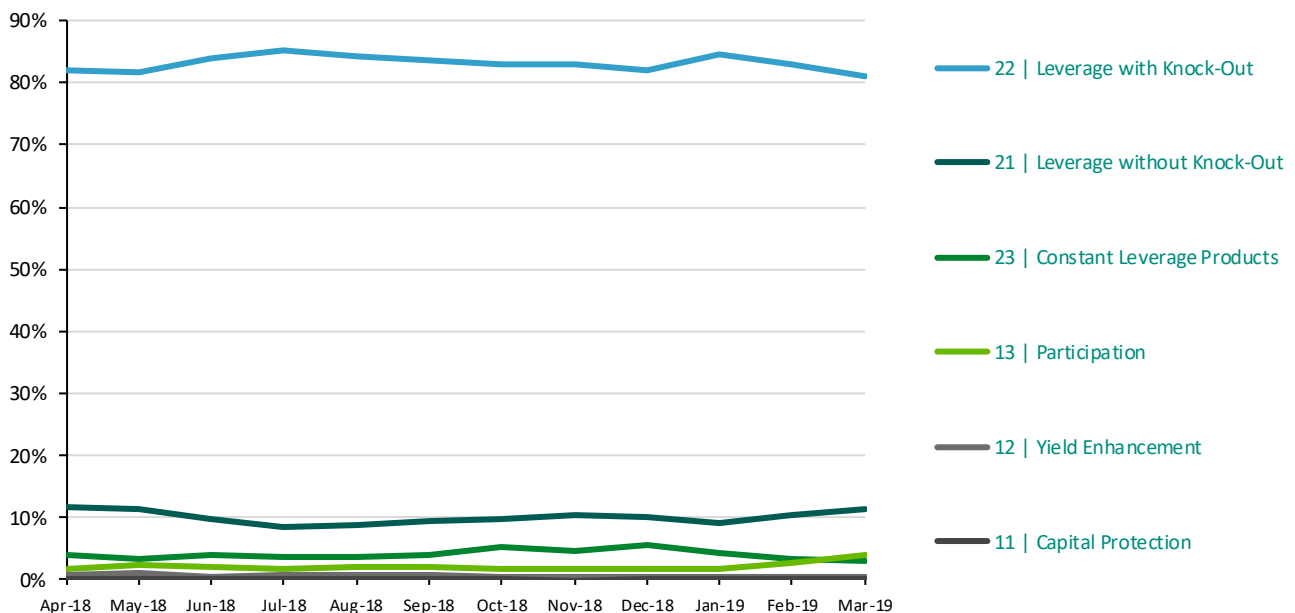
Market Trend: Value traded

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

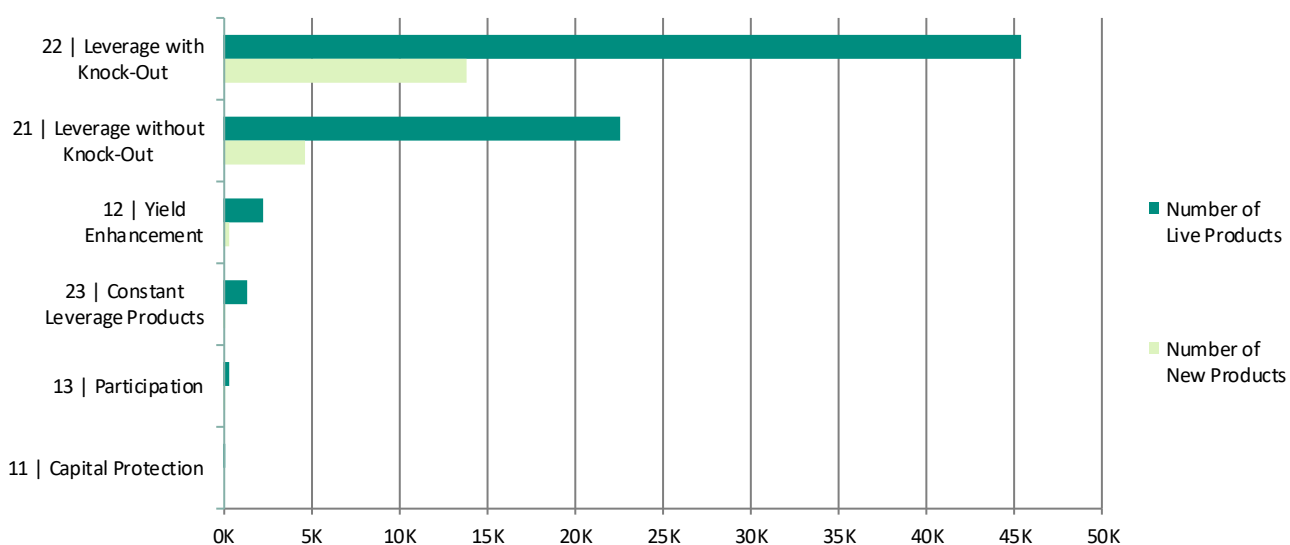
Product Overview

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 | 45,374 | -1.7% | 5.5% | 63.2% | 13,787 | -5.7% | -3.2% | 73.5% |
| 21 Leverage without Knock-Out | 22,562 | -5.9% | 7.4% | 31.4% | 4,592 | -4.0% | 15.5% | 24.5% |
| 12 Yield Enhancement | 2,289 | 2.4% | 32% | 3.2% | 283 | 167% | 6.1% | 1.5% |
| 23 Constant Leverage Products | 1,305 | 1.3% | -0.9% | 1.8% | 82 | 447% | 124% | 0.4% |
| 13 Participation | 295 | -1.9% | -3.1% | 0.4% | 2 | 100% | -85% | 0.0% |
| 11 Capital Protection | 7 | 0.0% | -0.8% | 0.0% | 0 | | | 0.0% |
| Total | 71,831 | -2.9% | 6.6% | 100% | 18,746 | -4.0% | 1.2% | 100% |

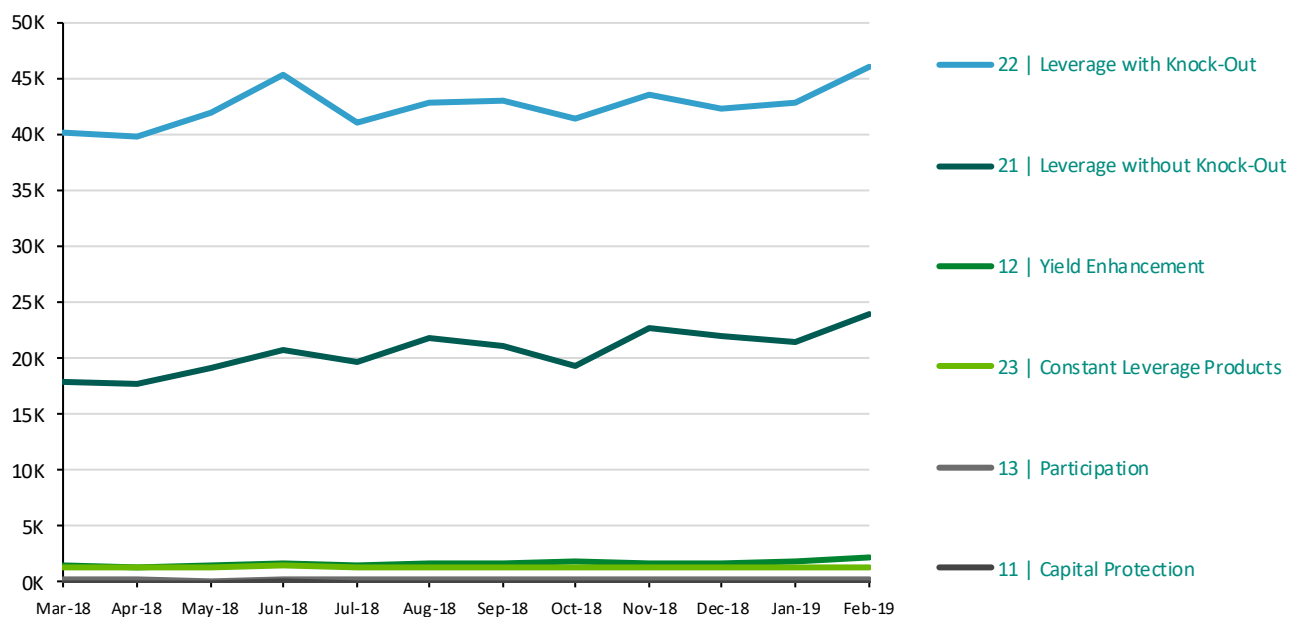
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

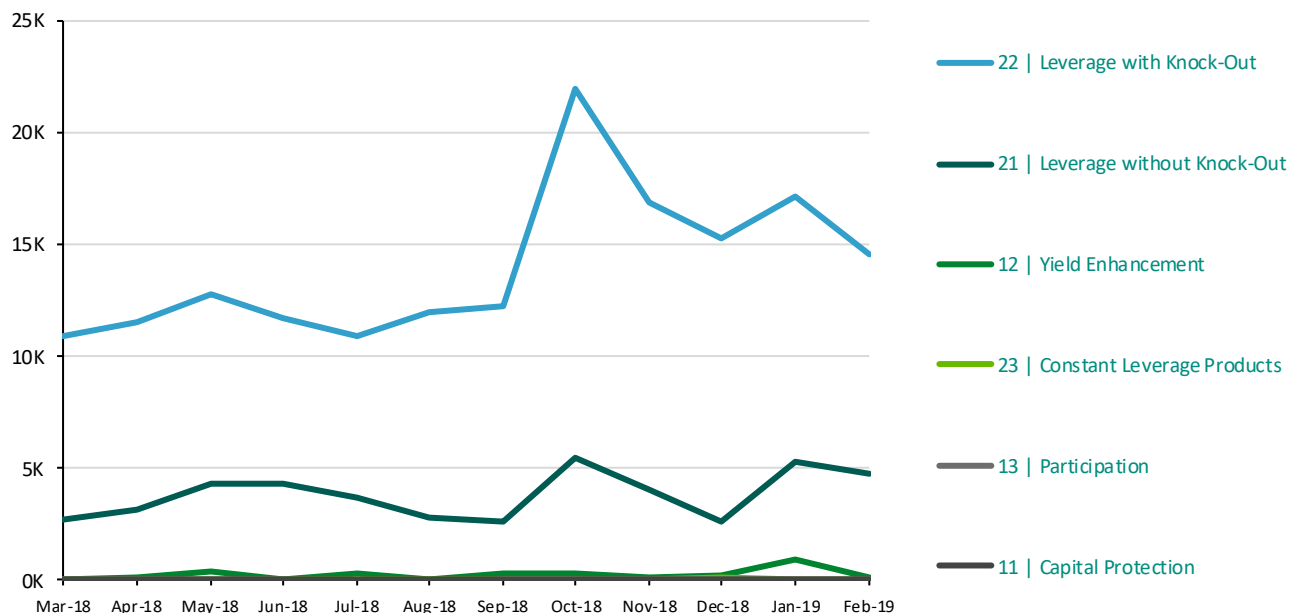
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

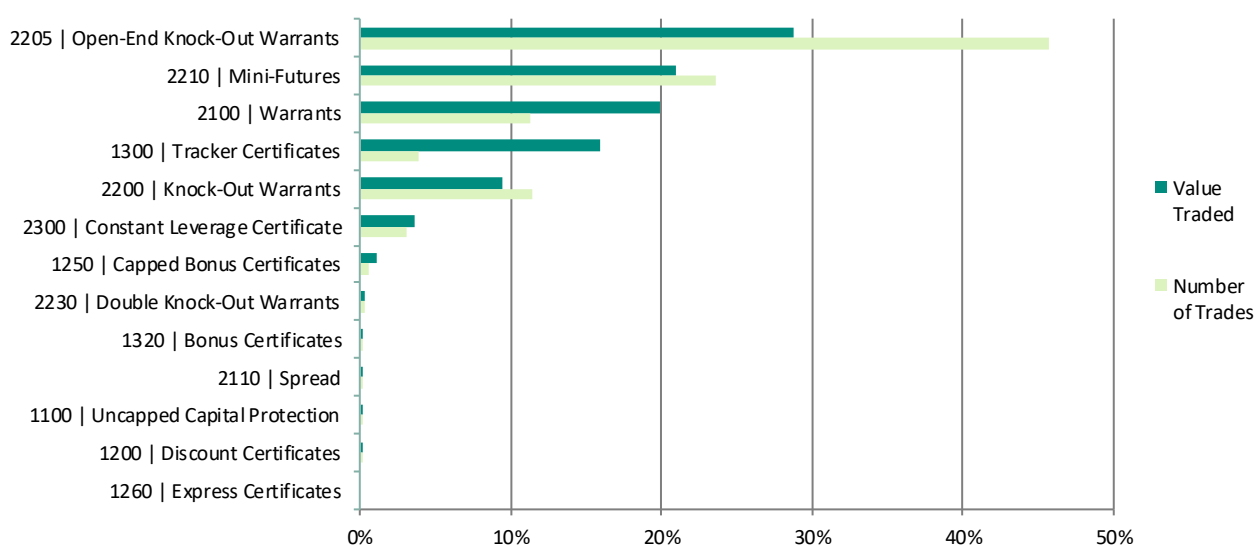
Market Overview

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

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

| Product Types (EUSIPA Categorization Level 3) | Value Traded | | | | Number of Trades | | | |
|--|--------------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| 2205 Open-End Knock-Out Warrants | 12,157 | 6.5% | -7.9% | 28.8% | 6,041 | 0.5% | -0.5% | 45.8% |
| 2210 Mini-Futures | 8,820 | -0.5% | -13.1% | 20.9% | 3,112 | 9.6% | 11.6% | 23.6% |
| 2100 Warrants | 8,383 | 83% | 61% | 19.9% | 1,485 | 16.1% | 18.0% | 11.3% |
| 1300 Tracker Certificates | 6,698 | 59% | 75% | 15.9% | 513 | 47% | -68% | 3.9% |
| 2200 Knock-Out Warrants | 3,967 | 19.8% | 42% | 9.4% | 1,514 | -0.9% | 474% | 11.5% |
| 2300 Constant Leverage Certificate | 1,534 | 3.3% | -22% | 3.6% | 405 | -3.8% | -22% | 3.1% |
| 1250 Capped Bonus Certificates | 460 | 16.0% | -19.0% | 1.1% | 69 | 1.5% | -12.8% | 0.5% |
| 2230 Double Knock-Out Warrants | 123 | 63% | 55% | 0.3% | 40 | 62% | 94% | 0.3% |
| 1320 Bonus Certificates | 10 | -50% | -85% | 0.0% | 1.0 | -82% | 298% | 0.0% |
| 2110 Spread | 5 | -72% | -82% | 0.0% | 4.6 | -24% | -54% | 0.0% |
| 1100 Uncapped Capital Protection | 1 | -71% | -95% | 0.0% | 0.3 | -37% | -91% | 0.0% |
| 1200 Discount Certificates | 0 | -90% | -95% | 0.0% | 0.0 | -81% | -89% | 0.0% |
| 1260 Express Certificates | 0 | | -100% | 0.0% | 0.0 | | -100% | 0.0% |
| Total | 42,160 | 22.6% | 11.2% | 100% | 13,185 | 5.2% | 4.3% | 100% |

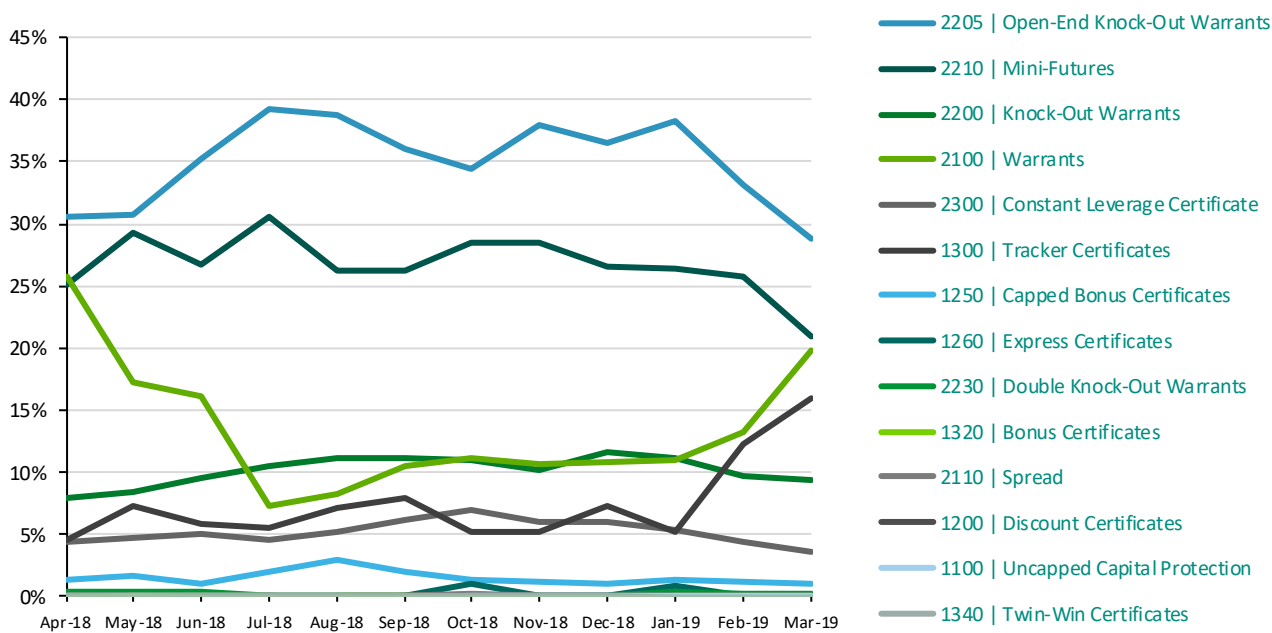
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

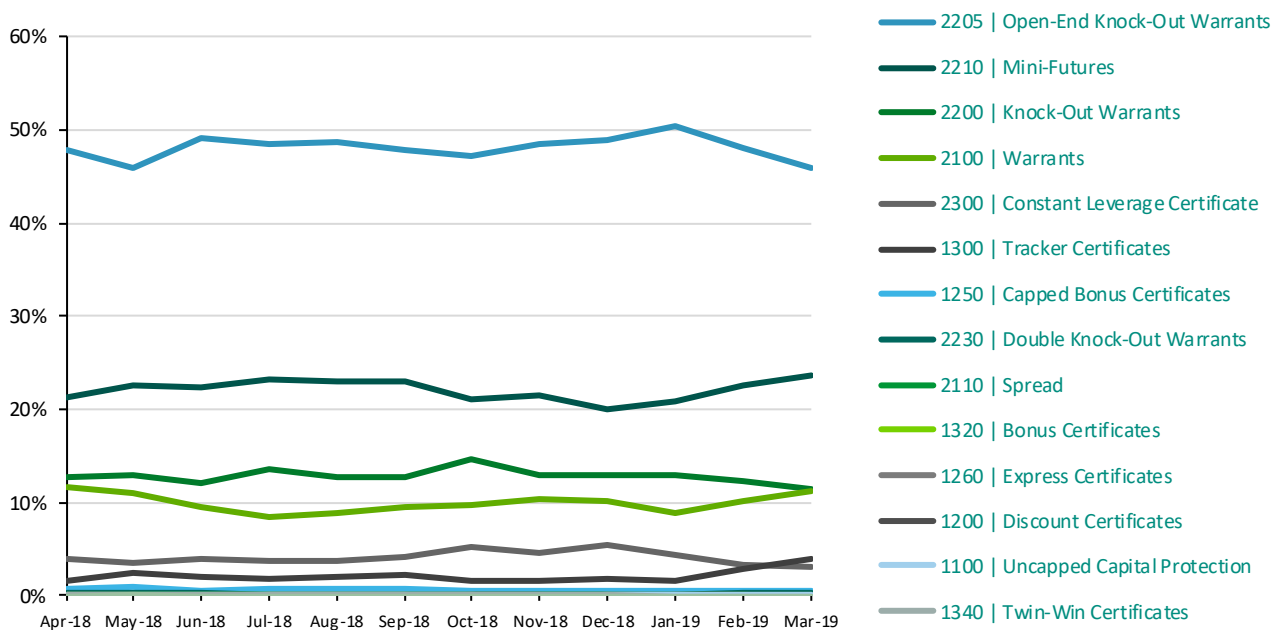
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

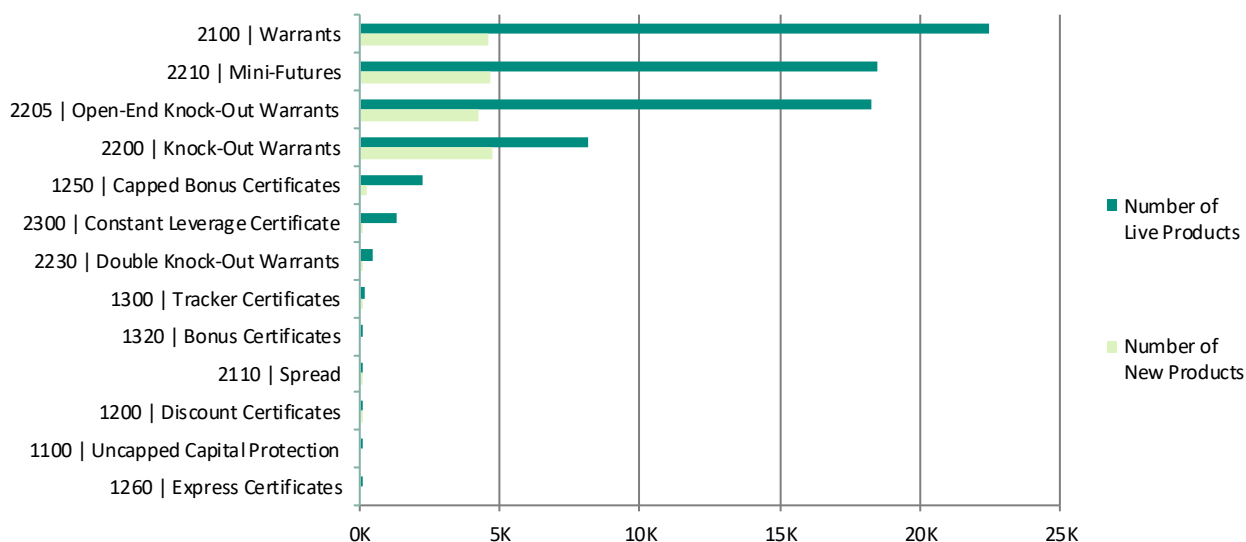
Product Overview

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

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

| Product Types (EUSIPA Categorization Level 3) | Number of Live Products | | | | Number of New Products | | | |
|--|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| 2100 Warrants | 22,460 | -5.9% | 7.4% | 31.3% | 4,588 | -4.1% | 15.9% | 24.5% |
| 2210 Mini-Futures | 18,470 | 1.3% | 2.6% | 25.7% | 4,688 | 20% | 22% | 25.0% |
| 2205 Open-End Knock-Out Warrants | 18,272 | -1.2% | 6.1% | 25.4% | 4,263 | -2.4% | -11.6% | 22.7% |
| 2200 Knock-Out Warrants | 8,172 | -9.8% | 9.0% | 11.4% | 4,735 | -22% | -13.6% | 25.3% |
| 1250 Capped Bonus Certificates | 2,208 | 1.5% | 33% | 3.1% | 256 | 142% | 0.3% | 1.4% |
| 2300 Constant Leverage Certificate | 1,305 | 1.3% | -0.9% | 1.8% | 82 | 447% | 124% | 0.4% |
| 2230 Double Knock-Out Warrants | 460 | 37% | 48% | 0.6% | 101 | -66% | 7.3% | 0.5% |
| 1300 Tracker Certificates | 177 | 1.2% | -0.6% | 0.2% | 2 | 100% | 41% | 0.0% |
| 1320 Bonus Certificates | 118 | -6.2% | -5.6% | 0.2% | 0 | | -100% | 0.0% |
| 2110 Spread | 102 | -15.1% | 0.5% | 0.1% | 4 | | -74% | 0.0% |
| 1200 Discount Certificates | 78 | 35% | 10.6% | 0.1% | 27 | | 142% | 0.1% |
| 1100 Uncapped Capital Protection | 7 | 0.0% | -0.8% | 0.0% | 0 | | | 0.0% |
| 1260 Express Certificates | 3 | 40% | 167% | 0.0% | 0 | | -100% | 0.0% |
| Total | 71,831 | -2.9% | 6.6% | 100% | 18,746 | -4.0% | 1.2% | 100% |

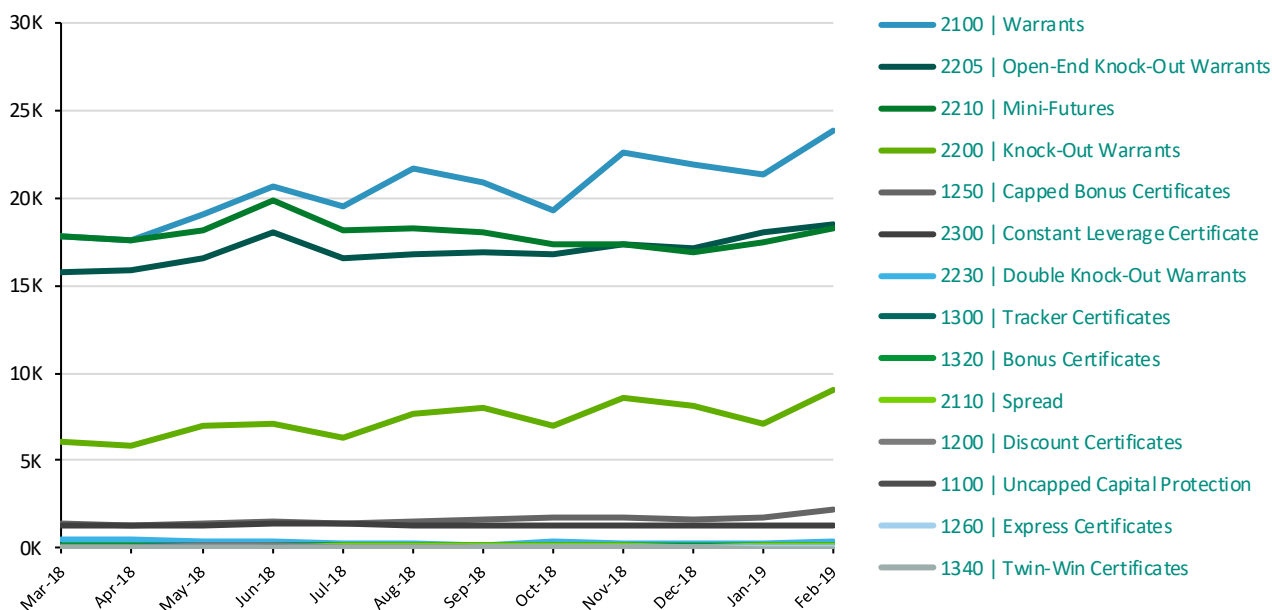
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PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

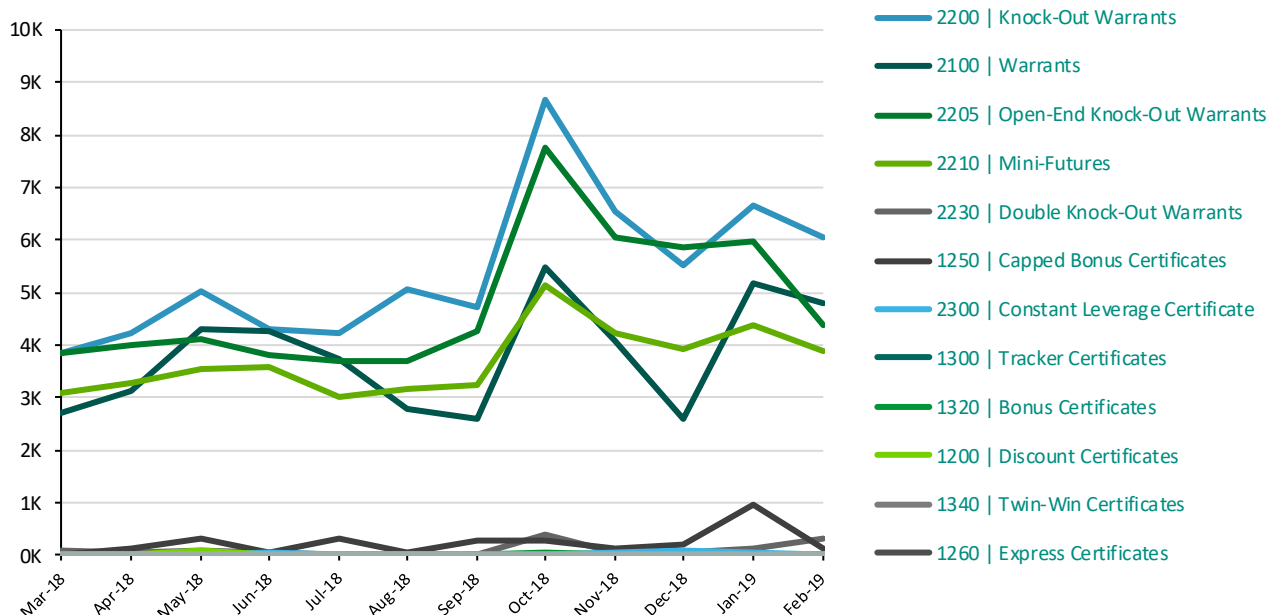
Product Trend: Number of Live Products

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

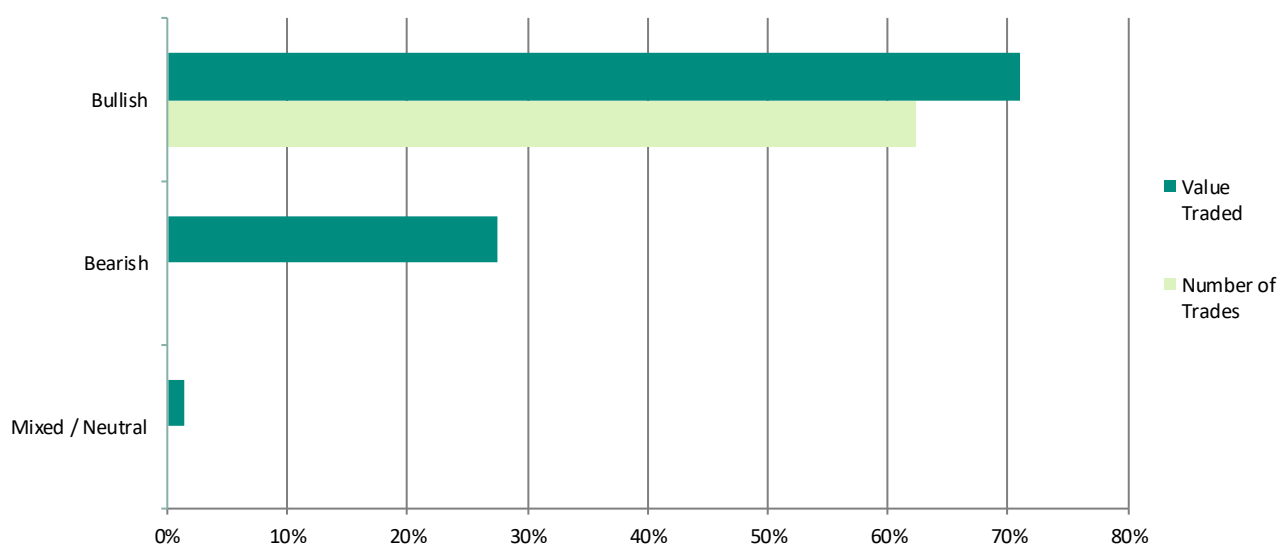
Market Overview

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 | 29,947 | 29% | 16.7% | 71.0% | 8,230 | 8.2% | 1.3% | 62.4% |
| Bearish | 11,613 | 9.3% | 0.5% | 27.5% | 0.0 | -100% | -100% | 0.0% |
| Mixed / Neutral | 600 | 21% | -12.4% | 1.4% | 0.0 | -100% | -100% | 0.0% |
| Total | 42,160 | 22.6% | 11.2% | 100% | 13,185 | 5.2% | 4.3% | 100% |

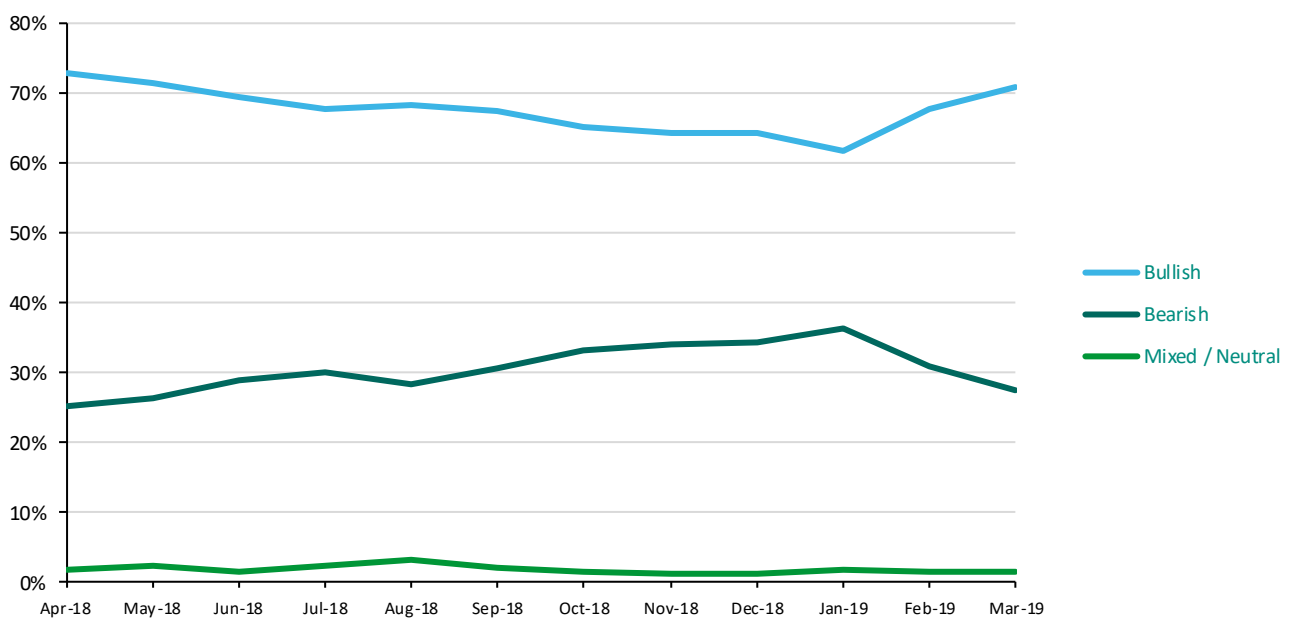
(Source Euronext)



PRODUCT STRATEGIES

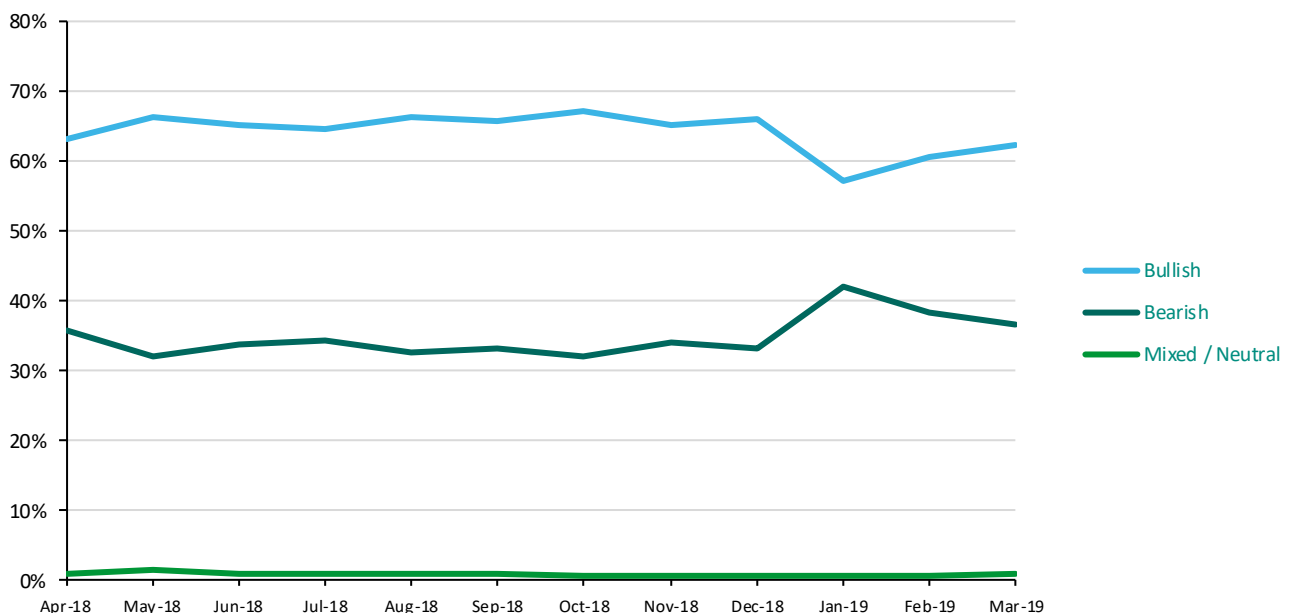
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

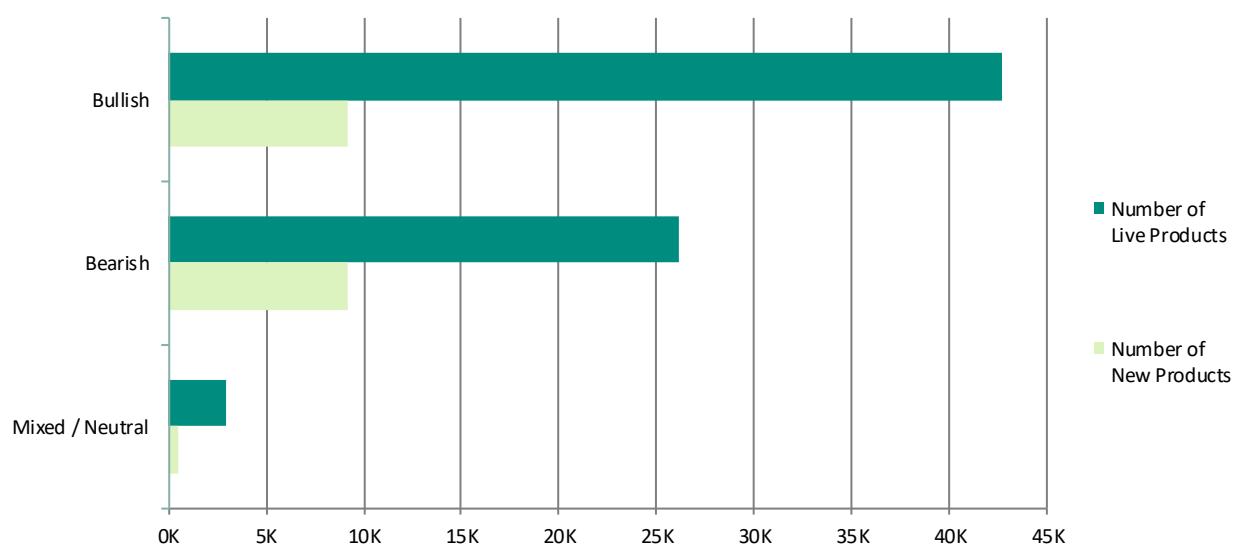
Product Overview

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

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

| Strategies | Number of Live Products | | | | Number of New Products | | | |
|-----------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Bullish | 42,732 | 0.7% | 11.6% | 59.5% | 9,164 | -19.9% | -8.0% | 48.9% |
| Bearish | 26,136 | -9.0% | -2.5% | 36.4% | 9,141 | 19.2% | 11.7% | 48.8% |
| Mixed / Neutral | 2,963 | 6.1% | 30% | 4.1% | 441 | 8.6% | 15.4% | 2.4% |
| Total | 71,831 | -2.9% | 6.6% | 100% | 18,746 | -4.0% | 1.2% | 100% |

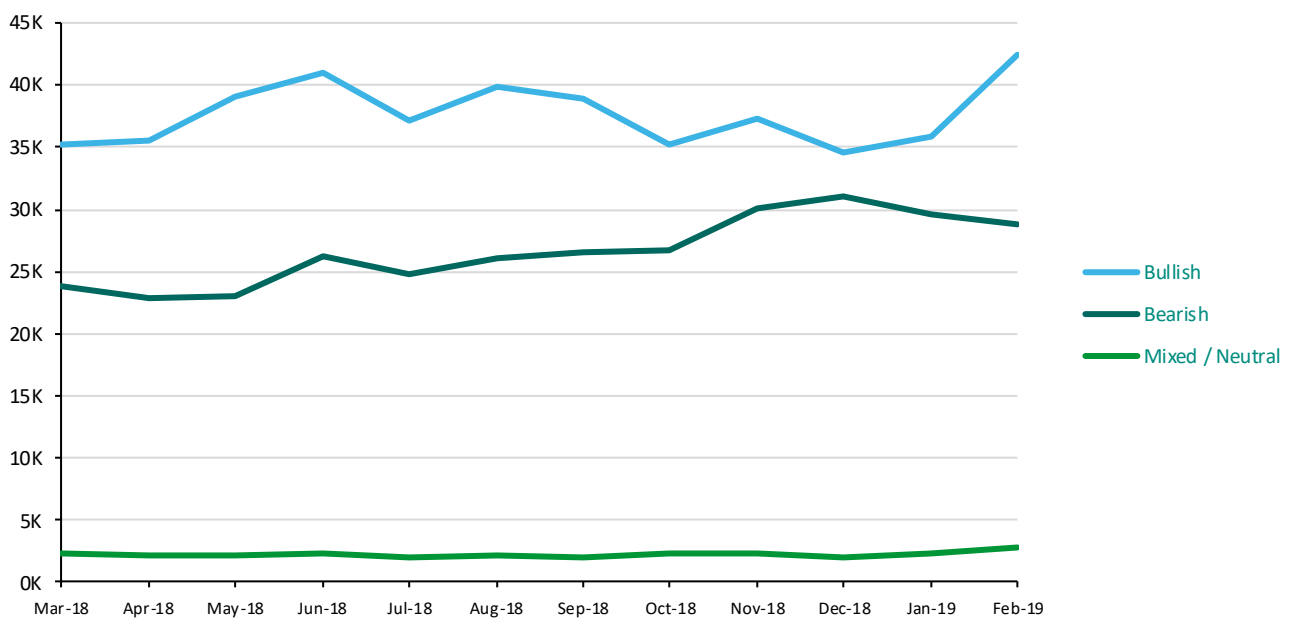
(Source Euronext)



PRODUCT STRATEGIES

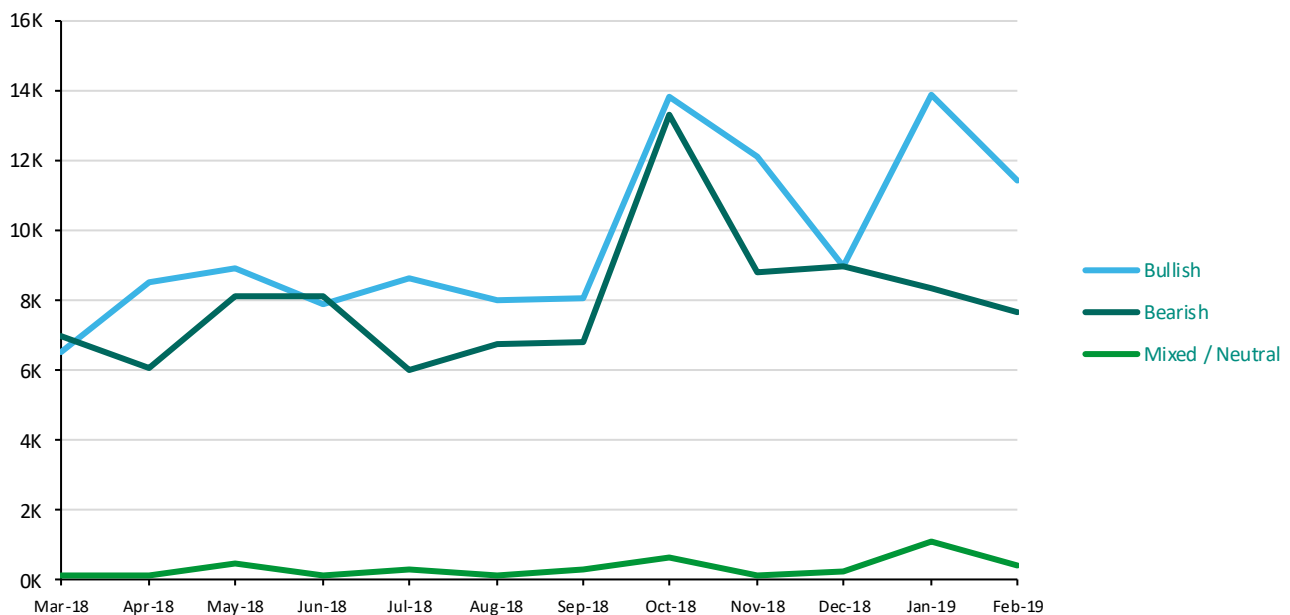
Product Trend: Number of Live Products

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

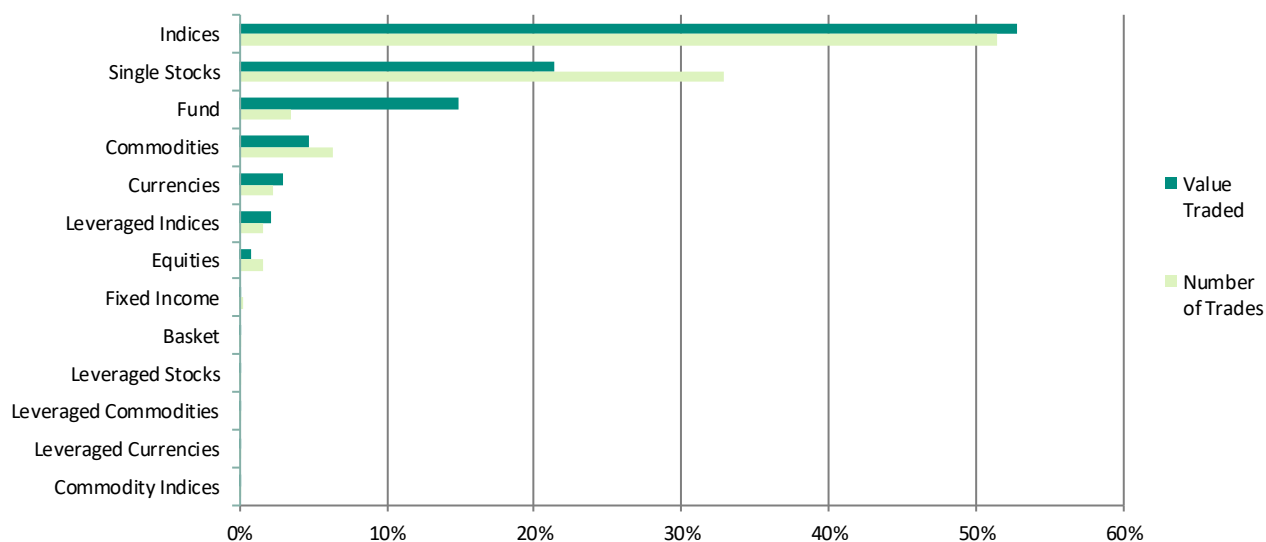
Market Overview

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 | 22,275 | 20% | 10.5% | 52.8% | 6,780 | 7.7% | 4.5% | 51.4% |
| Single Stocks | 9,015 | -7.2% | -9.8% | 21.4% | 4,337 | -7.1% | -0.7% | 32.9% |
| Fund | 6,262 | 205% | 154% | 14.9% | 467 | -41.2% | 211.3% | 3.5% |
| Commodities | 1,998 | 4.5% | -3.1% | 4.7% | 840 | 645.0% | 9.5% | 6.4% |
| Currencies | 1,247 | 35% | -24% | 3.0% | 290 | 29.4% | -14.8% | 2.2% |
| Leveraged Indices | 910 | 3.4% | -19.7% | 2.2% | 218 | 0.7% | -20.9% | 1.7% |
| Equities | 349 | 32% | 9.1% | 0.8% | 206 | 23.7% | 14.4% | 1.6% |
| Fixed Income | 46 | -9.9% | -38% | 0.1% | 27 | 15.1% | -28.7% | 0.2% |
| Basket | 39 | 79% | 36% | 0.1% | 2.9 | 7.8% | -85.1% | 0.0% |
| Leveraged Stocks | 13 | -39% | -55% | 0.0% | 8.9 | -38.6% | -22.7% | 0.1% |
| Leveraged Commodities | 6 | -43% | -61% | 0.0% | 8.4 | -19.7% | 397.5% | 0.1% |
| Leveraged Currencies | 0 | -61% | -49% | 0.0% | 0.2 | -57.7% | -16.3% | 0.0% |
| Commodity Indices | 0 | 287% | -17.3% | 0.0% | 0.0 | -4.8% | -42.2% | 0.0% |
| Total | 42,160 | 22.6% | 11.2% | 100% | 13,185 | 5.2% | 4.3% | 100% |

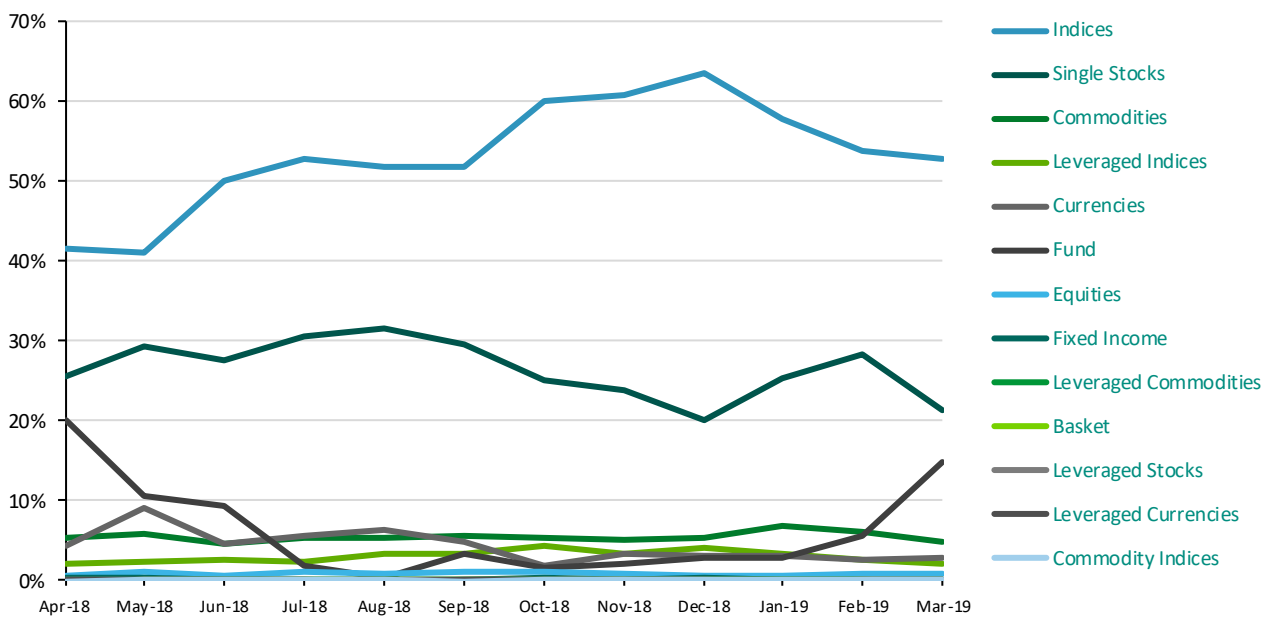
(Source Euronext)



UNDERLYING TYPES

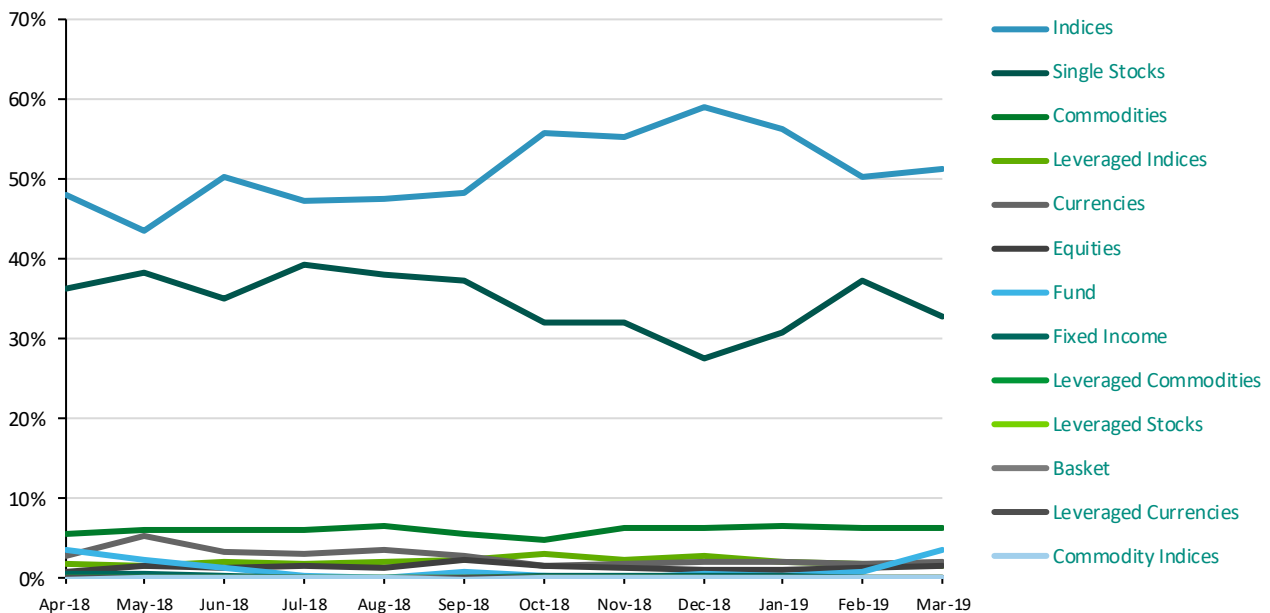
Market Trend: Value traded

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

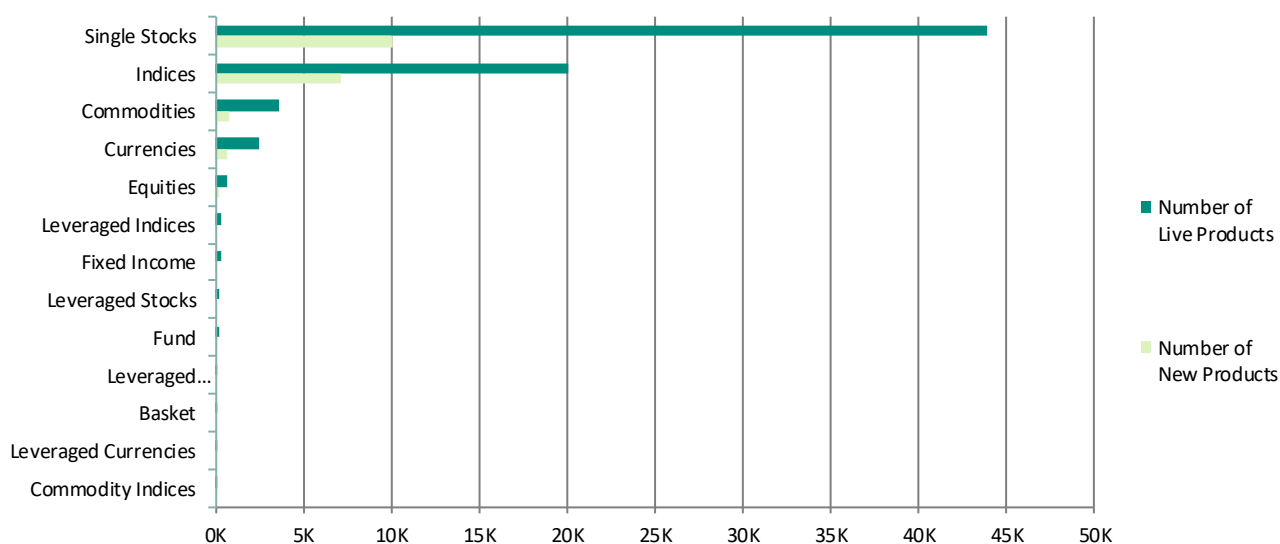
Product Overview

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 | 43,883 | -4.2% | 6.8% | 61.1% | 10,049 | -10.4% | 0.2% | 53.6% |
| Indices | 20,110 | -1.2% | 6.2% | 28.0% | 7,080 | 2.6% | 0.1% | 37.8% |
| Commodities | 3,634 | -0.5% | 6.8% | 5.1% | 742 | 1.0% | 2.8% | 4.0% |
| Currencies | 2,451 | 2.7% | 3.9% | 3.4% | 648 | 38% | 41% | 3.5% |
| Equities | 655 | 1.3% | 35% | 0.9% | 169 | -9.6% | -17.3% | 0.9% |
| Leveraged Indices | 365 | -0.4% | -5.4% | 0.5% | 0 | | -100% | 0.0% |
| Fixed Income | 305 | -4.4% | -5.4% | 0.4% | 52 | 940% | 251% | 0.3% |
| Leveraged Stocks | 162 | -0.4% | 26% | 0.2% | 0 | | -100% | 0.0% |
| Fund | 149 | 5.7% | 16.7% | 0.2% | 6 | -14.3% | 16.1% | 0.0% |
| Leveraged Commodities | 89 | -2.1% | -35% | 0.1% | 0 | | -100% | 0.0% |
| Basket | 18 | -2.0% | -2.6% | 0.0% | 0 | | | 0.0% |
| Leveraged Currencies | 8 | 0.0% | -19.2% | 0.0% | 0 | | | 0.0% |
| Commodity Indices | 1 | -4.8% | -46% | 0.0% | 0 | | | 0.0% |
| Total | 71,831 | -2.9% | 6.6% | 100% | 18,746 | -4.0% | 1.2% | 100% |

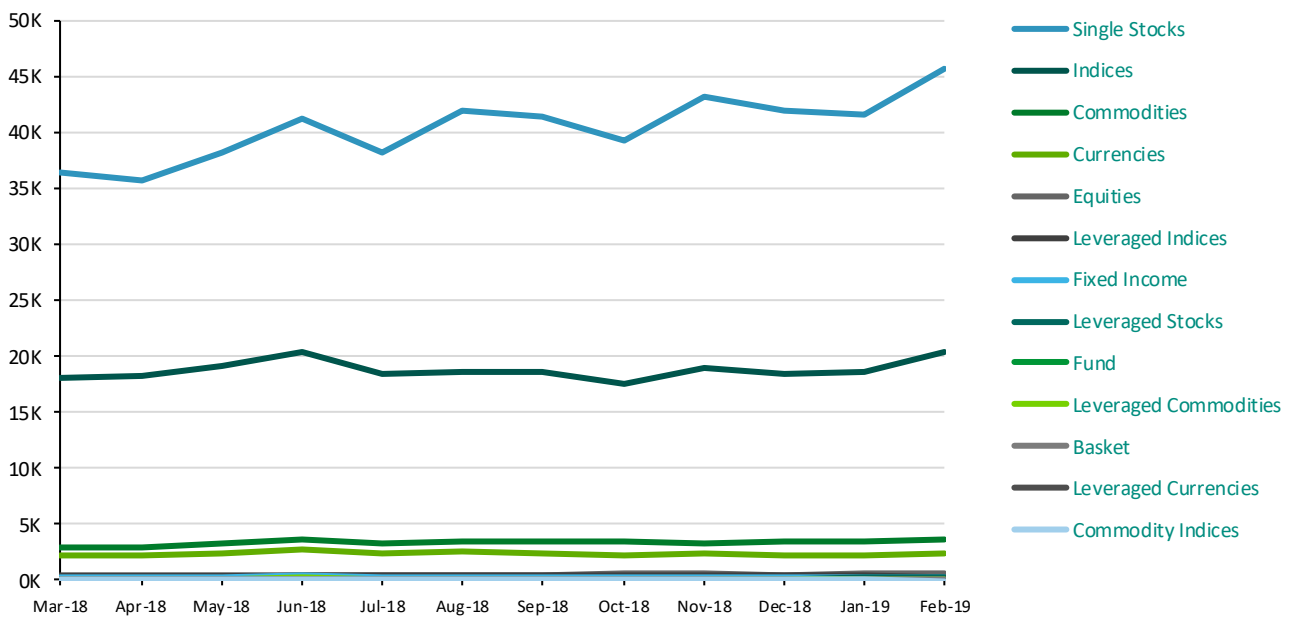
(Source Euronext)



UNDERLYING TYPES

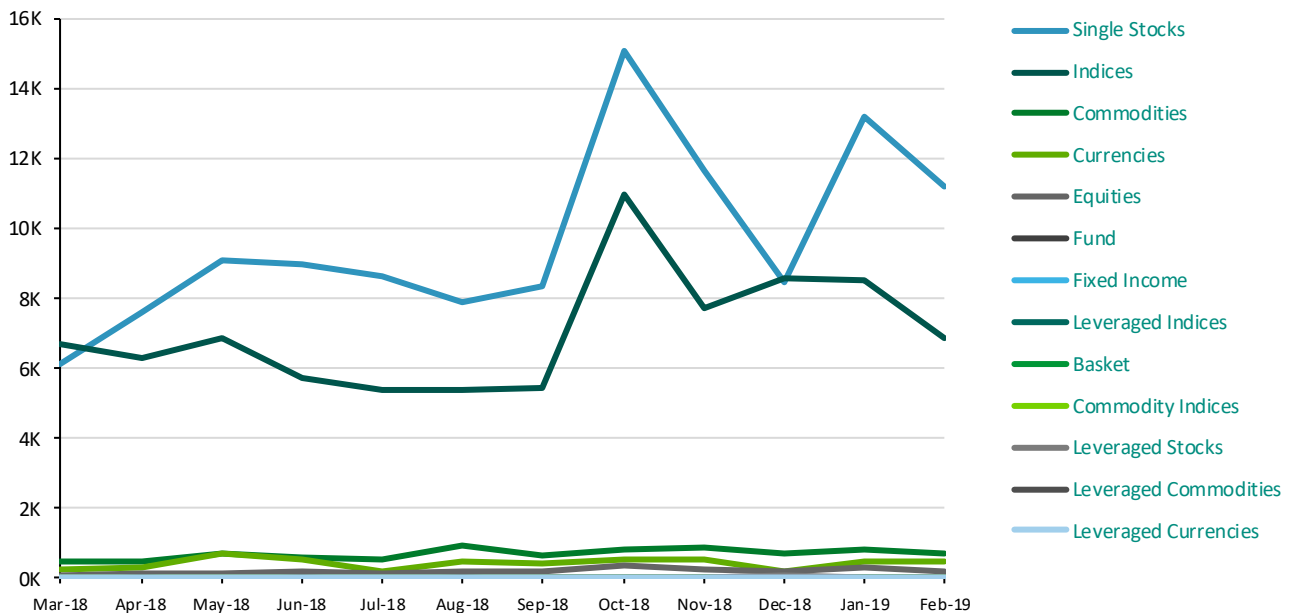
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

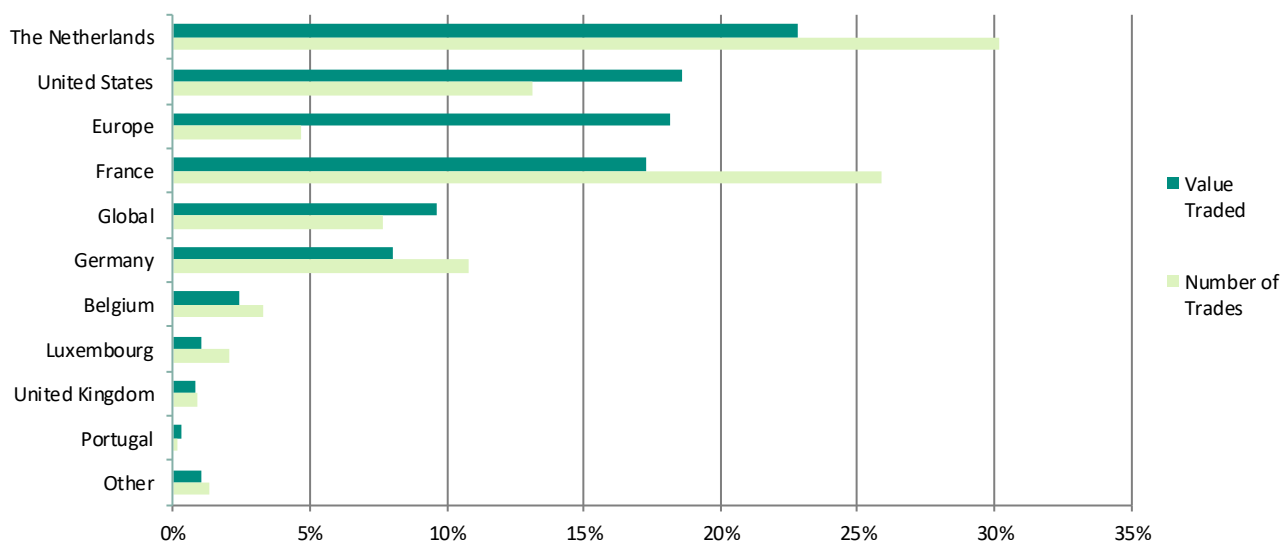
Market Overview

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

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

| Underlying Countries | Value Traded | | | | Number of Trades | | | |
|----------------------|-----------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| The Netherlands | 9,615 | 2.7% | -11.1% | 22.8% | 3,979 | -1.0% | -1.1% | 30.2% |
| United States | 7,829 | -1.0% | -11.1% | 18.6% | 1,729 | -53% | -53% | 13.1% |
| Europe | 7,654 | 51% | 27% | 18.2% | 620 | -56% | -60% | 4.7% |
| France | 7,290 | 106% | 84% | 17.3% | 3,408 | 143% | 138% | 25.8% |
| Global | 4,047 | 17.5% | 22% | 9.6% | 1,012 | 11.5% | 318% | 7.7% |
| Germany | 3,383 | 17.0% | 23% | 8.0% | 1,419 | 529% | 63% | 10.8% |
| Belgium | 1,013 | 16.9% | 7.4% | 2.4% | 437 | 14.9% | 11.2% | 3.3% |
| Luxembourg | 437 | -26% | -9.0% | 1.0% | 269 | 10.2% | 22% | 2.0% |
| United Kingdom | 331 | 5.5% | -1.5% | 0.8% | 117 | 19.1% | 19.4% | 0.9% |
| Portugal | 136 | 19.8% | 49% | 0.3% | 19 | -11.5% | -4.4% | 0.1% |
| Other | 425 | 47% | 12.0% | 1.0% | 175 | 46% | 32% | 1.3% |
| Total | 42,160 | 22.6% | 11.2% | 100% | 13,185 | 5.2% | 4.3% | 100% |

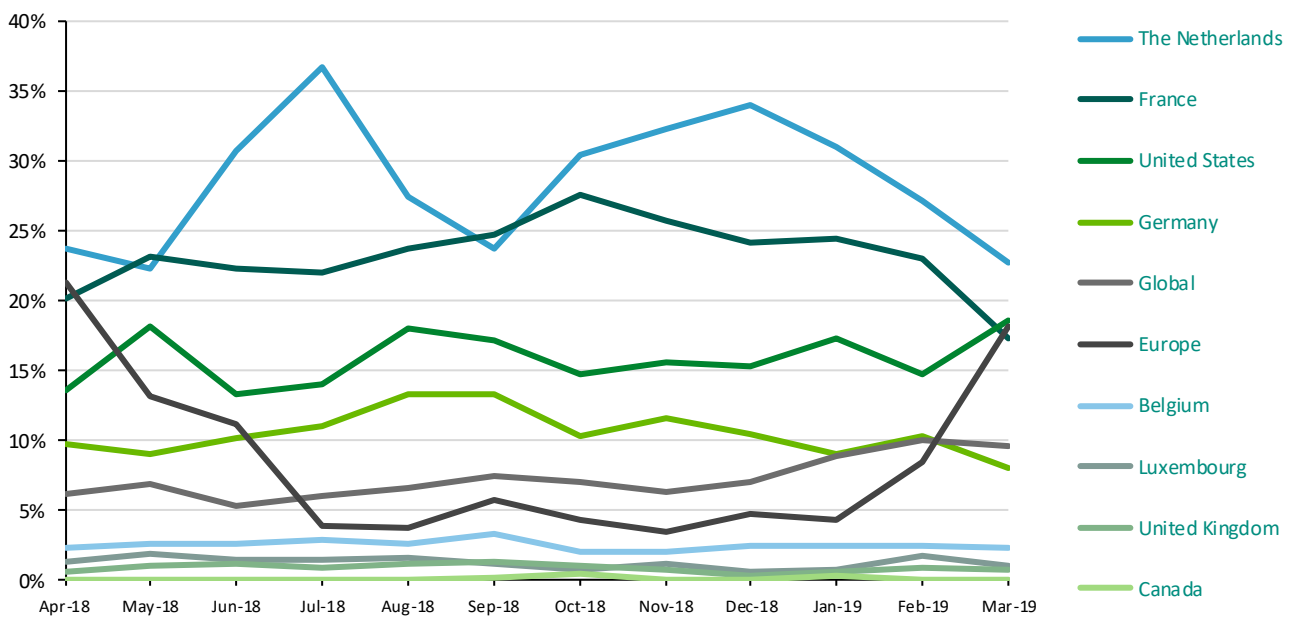
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

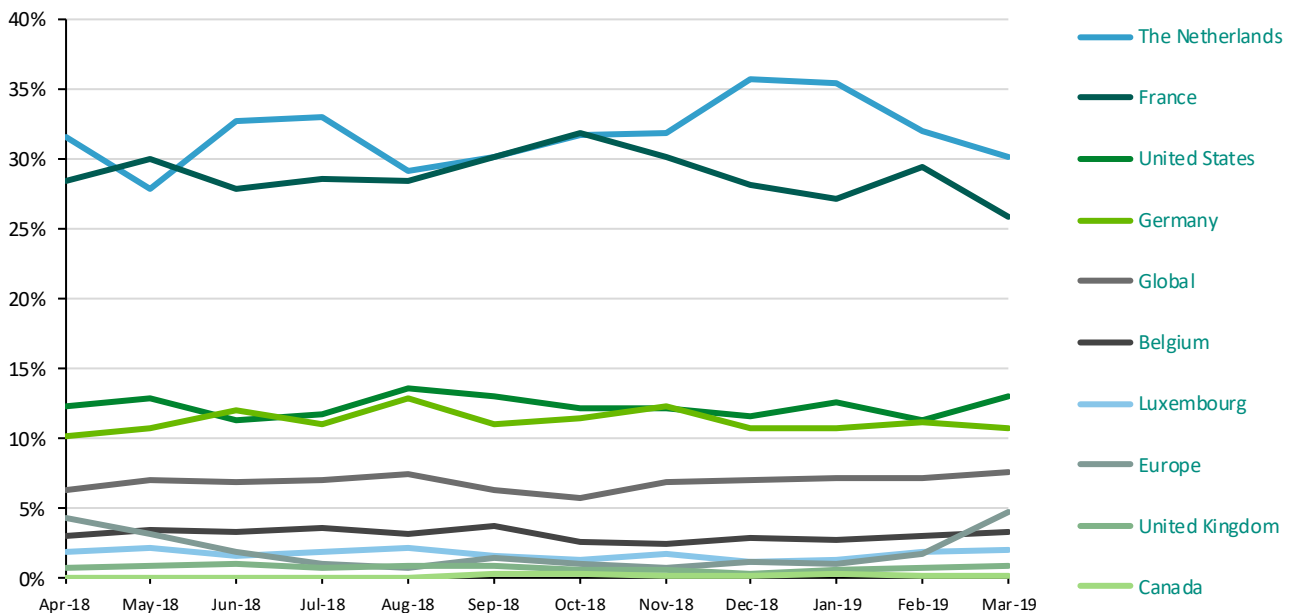
Market Trend: Value traded

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

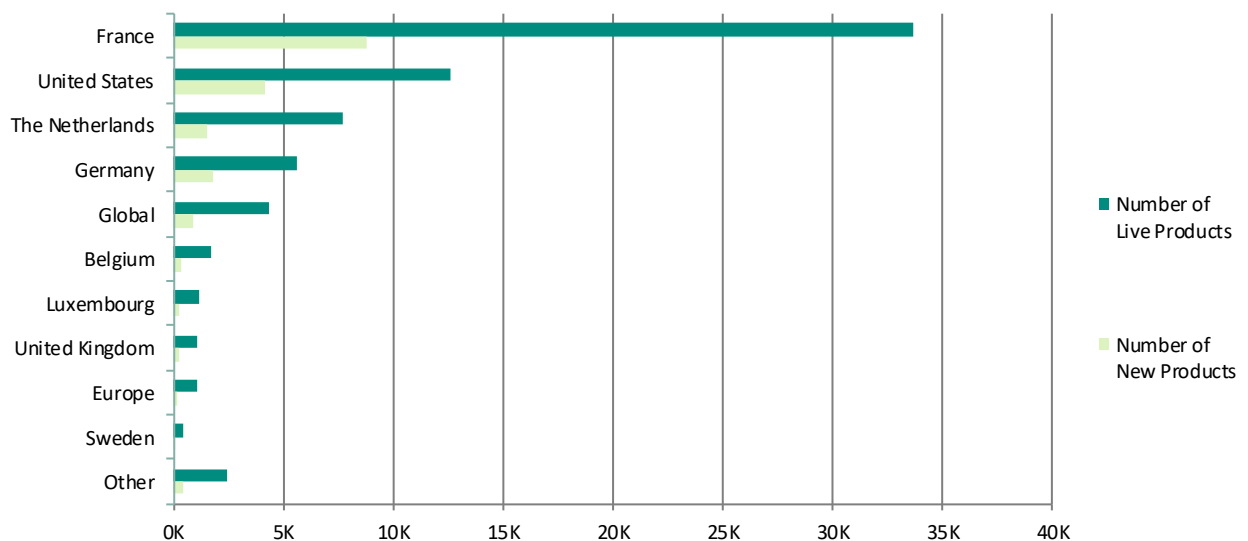
Product Overview

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 | 33,708 | -3.9% | 8.3% | 46.9% | 8,829 | -19.8% | -4.3% | 47.1% |
| United States | 12,573 | 0.0% | 15.6% | 17.5% | 4,194 | 35% | 23% | 22.4% |
| The Netherlands | 7,696 | -0.9% | -1.0% | 10.7% | 1,533 | -12.0% | -14.9% | 8.2% |
| Germany | 5,604 | -5.0% | -2.4% | 7.8% | 1,758 | 17.6% | 2.5% | 9.4% |
| Global | 4,336 | -0.8% | 5.5% | 6.0% | 868 | 8.8% | 7.1% | 4.6% |
| Belgium | 1,745 | -1.8% | 5.8% | 2.4% | 368 | 50% | 17.2% | 2.0% |
| Luxembourg | 1,175 | -13.4% | -14.6% | 1.6% | 244 | -28% | -39% | 1.3% |
| United Kingdom | 1,083 | 4.0% | 16.5% | 1.5% | 286 | 4.4% | 44% | 1.5% |
| Europe | 1,043 | -6.0% | 4.2% | 1.5% | 160 | 27% | 0.6% | 0.9% |
| Sweden | 435 | -6.1% | 0.6% | 0.6% | 85 | -2.3% | -12.4% | 0.5% |
| Other | 2,431 | -3.7% | 2.1% | 3.4% | 421 | 45% | 2.5% | 2.2% |
| Total | 71,831 | -2.9% | 6.6% | 100% | 18,746 | -4.0% | 1.2% | 100% |

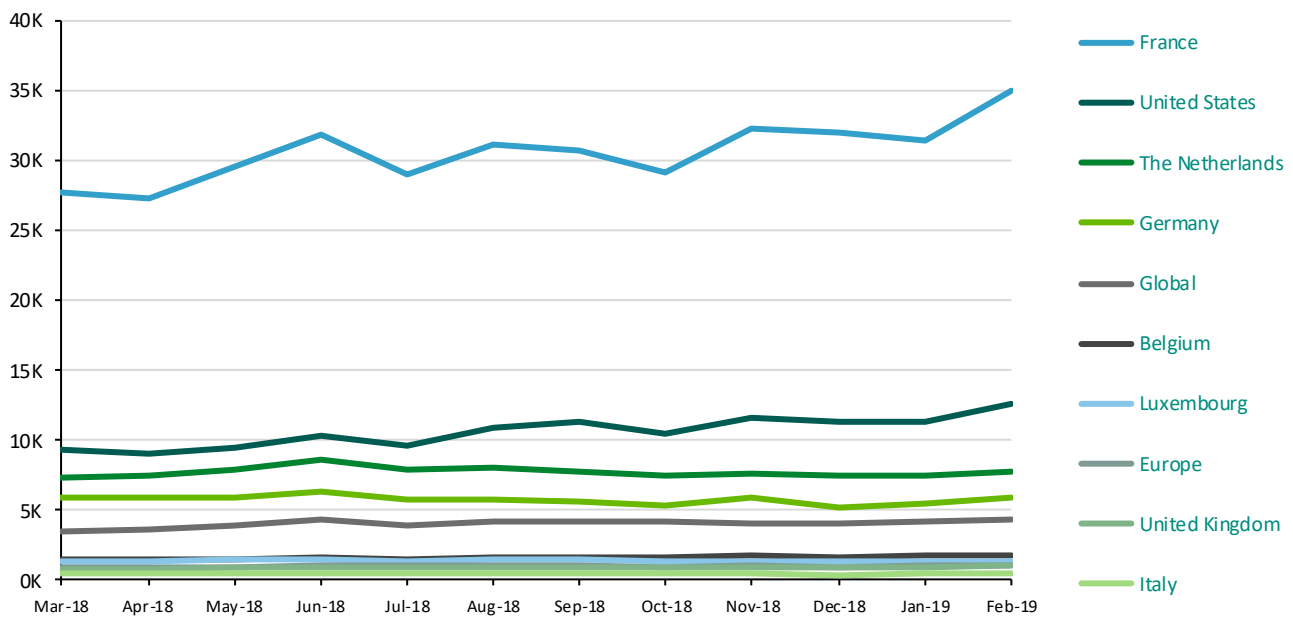
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

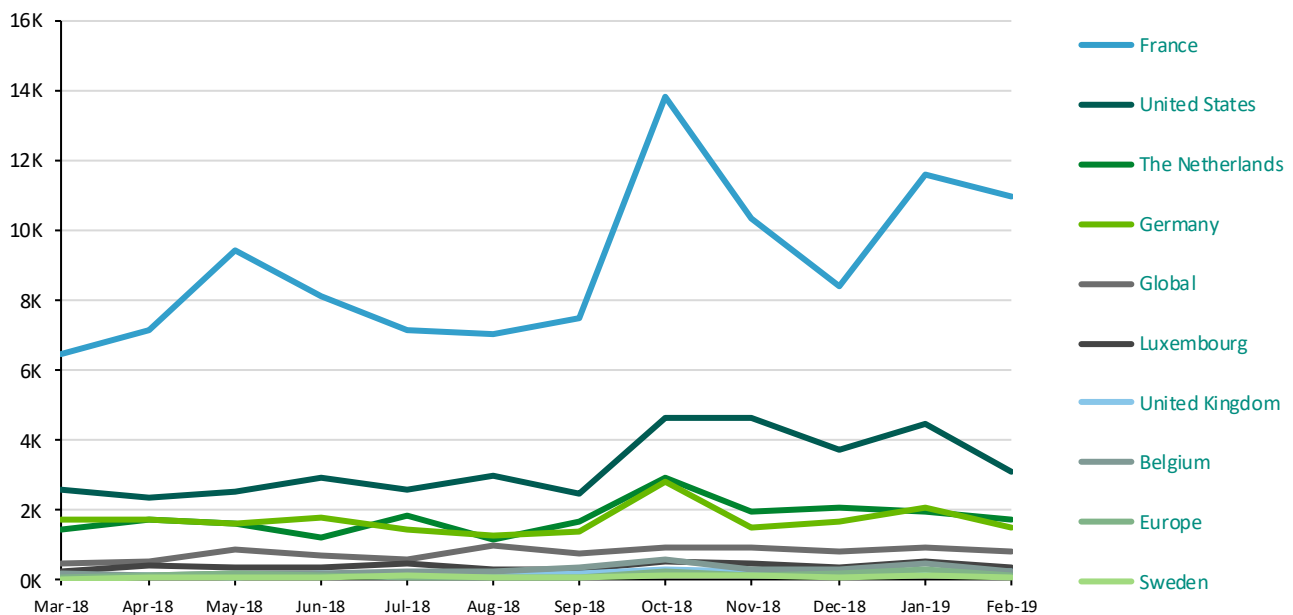
Product Trend: Number of Live Products

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

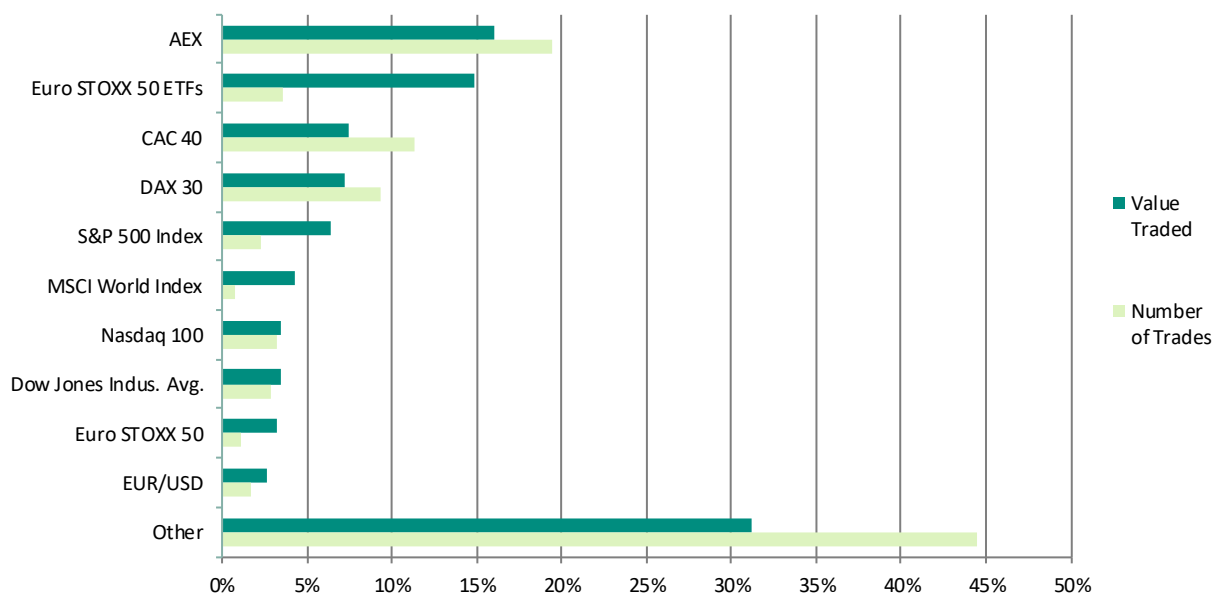
Market Overview

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 | 6,736 | 5.8% | -9.2% | 16.0% | 2,560 | 6.4% | 1.2% | 19.4% |
| Euro STOXX 50 ETFs | 6,260 | 92% | 63% | 14.8% | 467 | -62% | -71% | 3.5% |
| CAC 40 | 3,137 | 9.7% | -13.3% | 7.4% | 1,501 | 4.5% | 18.3% | 11.4% |
| DAX 30 | 3,041 | 59% | 24% | 7.2% | 1,223 | 988% | 716% | 9.3% |
| S&P 500 Index | 2,696 | 100% | 74% | 6.4% | 300 | 37% | 0.1% | 2.3% |
| MSCI World Index | 1,791 | 49% | 48% | 4.2% | 94 | 70% | -72% | 0.7% |
| Nasdaq 100 | 1,447 | 29% | 27% | 3.4% | 423 | 11.4% | 108% | 3.2% |
| Dow Jones Indus. Avg. | 1,436 | 48% | 38% | 3.4% | 383 | 262% | 17.6% | 2.9% |
| Euro STOXX 50 | 1,371 | 48% | 67% | 3.3% | 141 | -58% | 71% | 1.1% |
| EUR/USD | 1,104 | 28% | 54% | 2.6% | 223 | 16.2% | -6.1% | 1.7% |
| Other | 13,140 | -3.2% | -6.7% | 31.2% | 5,870 | -2.9% | 4.4% | 44.5% |
| Total | 42,160 | 22.6% | 11.2% | 100% | 13,185 | 5.2% | 4.3% | 100% |

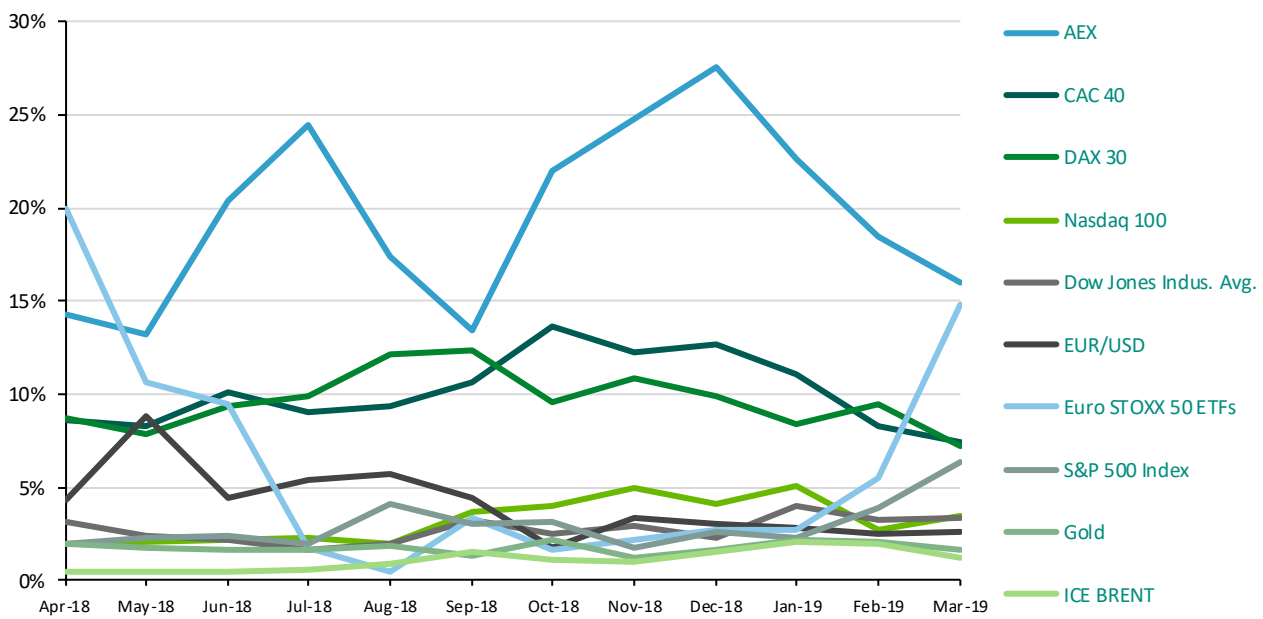
(Source Euronext)



TOP 10 UNDERLYINGS

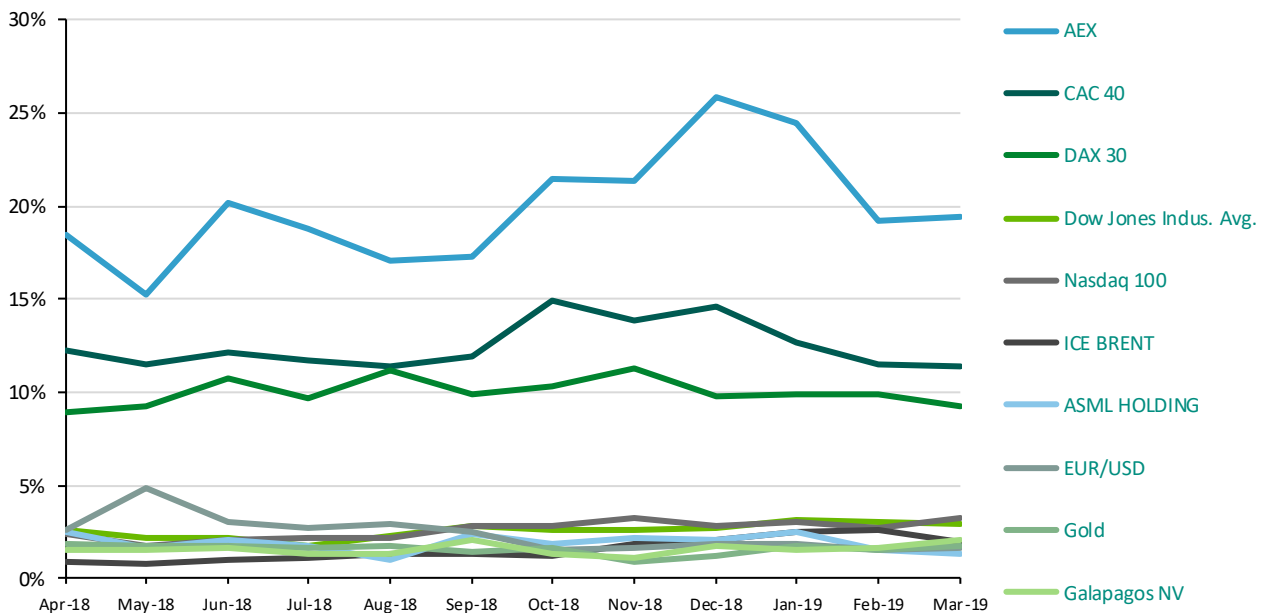
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

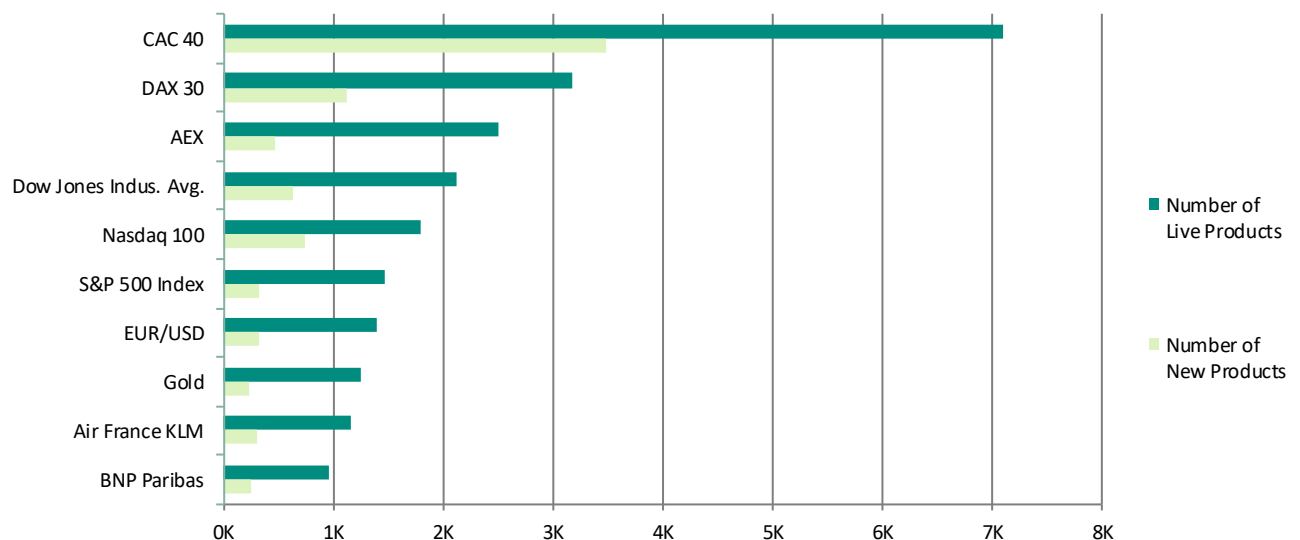
Product Overview

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

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

| Underlyings | Number of Live Products | | | | Number of New Products | | | |
|-----------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| CAC 40 | 7,107 | 1.4% | 9.2% | 9.9% | 3,484 | -0.1% | 8.5% | 18.6% |
| DAX 30 | 3,176 | -5.3% | -3.5% | 4.4% | 1,131 | 8.3% | -8.6% | 6.0% |
| AEX | 2,501 | -3.1% | -4.7% | 3.5% | 467 | -26% | -33% | 2.5% |
| Dow Jones Indus. Avg. | 2,117 | 2.6% | 17.6% | 2.9% | 637 | -3.3% | -11.1% | 3.4% |
| Nasdaq 100 | 1,799 | -1.1% | 23% | 2.5% | 732 | 31% | 20% | 3.9% |
| S&P 500 Index | 1,474 | -2.0% | 12.1% | 2.1% | 329 | -4.4% | -1.4% | 1.8% |
| EUR/USD | 1,399 | 2.7% | -0.1% | 1.9% | 330 | 7.8% | 20.0% | 1.8% |
| Gold | 1,243 | -2.1% | 7.0% | 1.7% | 228 | -0.9% | 11.2% | 1.2% |
| Air France KLM | 1,151 | -3.0% | 9.0% | 1.6% | 306 | -45% | -25% | 1.6% |
| BNP Paribas | 967 | -7.1% | 2.1% | 1.3% | 250 | 4.2% | 5.1% | 1.3% |
| Other | 48,897 | -3.7% | 6.7% | 68.1% | 10,852 | -5.3% | 2.4% | 57.9% |
| Total | 71,831 | -2.9% | 6.6% | 100% | 18,746 | -4.0% | 1.2% | 100% |

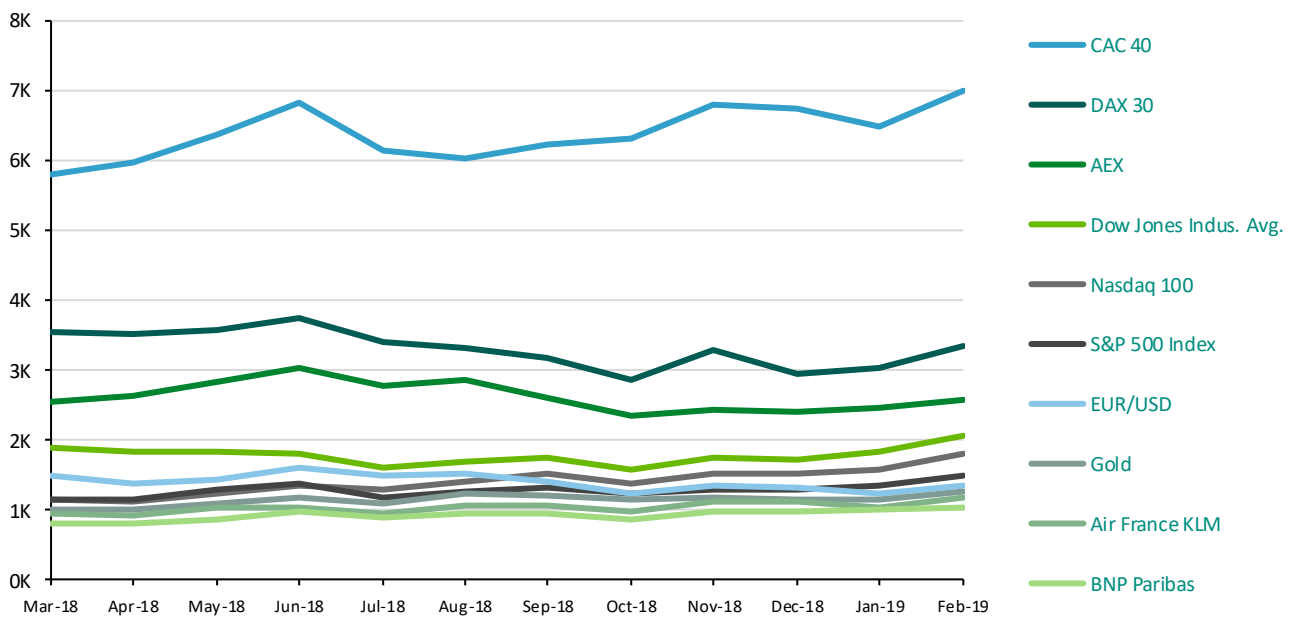
(Source Euronext)



TOP 10 UNDERLYINGS

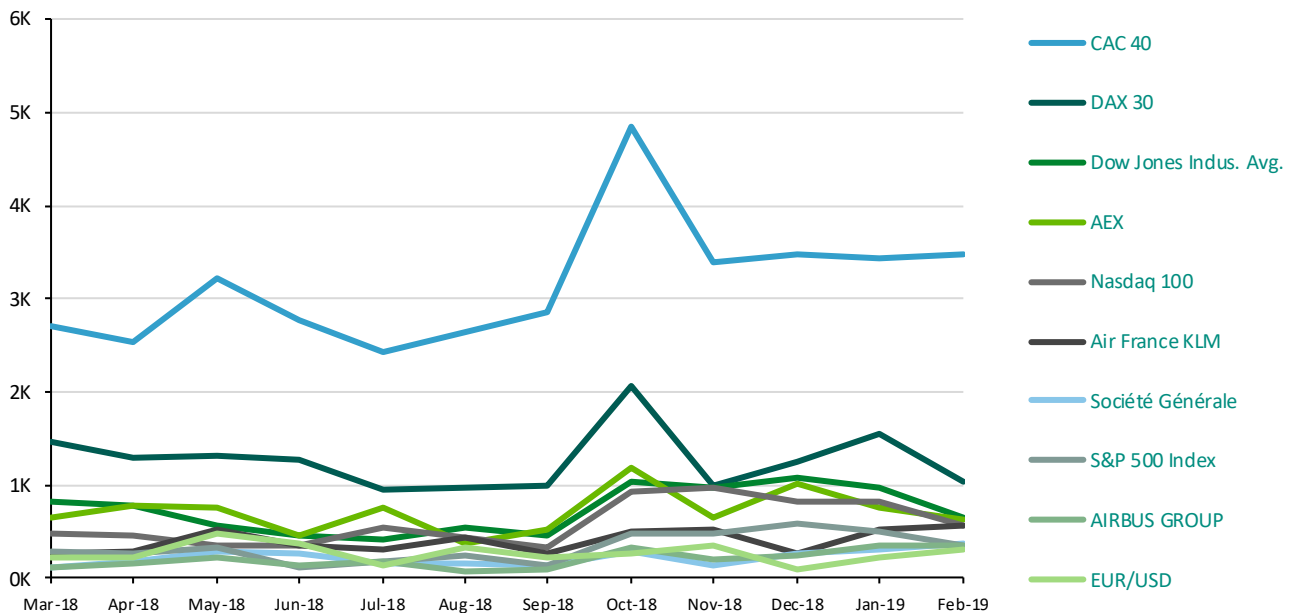
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying 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 |
|--------------|------------------|------|-------------------------------|----------------------------|----------------------|--------------|
| NL0013325319 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 103,915 | 11,576 |
| NL0012969083 | BNP Paribas | 2100 | Warrants | Euro STOXX 50 ETFs | 101,438 | 960 |
| PTBITTYE0094 | BCP | 1300 | Tracker Certificates | MSCI World Index | 75,240 | 3,940 |
| PTBITAYE0046 | BCP | 1300 | Tracker Certificates | S&P 500 Index | 49,471 | 3,652 |
| PTBIVRYE0068 | BCP | 1300 | Tracker Certificates | Euro STOXX 50 | 46,044 | 3,474 |
| PTBITHYM0080 | BCP | 1300 | Tracker Certificates | S&P 500 Index | 45,752 | 2,408 |
| NL0013325301 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 24,099 | 3,084 |
| NL0013325293 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 14,247 | 2,044 |
| NL0012902571 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 12,578 | 934 |
| PTBIYZYE0040 | BCP | 1300 | Tracker Certificates | Dow Jones Indus. Avg. | 10,806 | 1,054 |
| NL0012586895 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 8,059 | 76 |
| PTBITEYE0034 | BCP | 1300 | Tracker Certificates | DAX 30 | 7,723 | 768 |
| NL0013267164 | BNP Paribas | 2100 | Warrants | Euro STOXX 50 ETFs | 6,849 | 38 |
| PTBIWBYE0057 | BCP | 1300 | Tracker Certificates | Nasdaq 100 | 6,846 | 550 |
| DE000VN61VX4 | Vontobel | 2300 | Constant Leverage Certificate | DJIA x8 Leveraged Index | 6,732 | 40 |
| LU1815432486 | Société Générale | 1300 | Tracker Certificates | CAC 40 x15 Short Index | 6,366 | 1,432 |
| DE000CD5NZY1 | Commerzbank | 2300 | Constant Leverage Certificate | CAC 40 | 6,310 | 1,060 |
| PTBIWKYE0023 | BCP | 1300 | Tracker Certificates | CAC 40 | 6,208 | 678 |
| NL0012902514 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 6,186 | 872 |
| DE000CA0ZD72 | Commerzbank | 2300 | Constant Leverage Certificate | CAC 40 | 5,839 | 1,156 |
| FRBNPP00WVL8 | BNP Paribas | 2200 | Knock-Out Warrants | AEX | 5,580 | 308 |
| NL0013283260 | BNP Paribas | 2210 | Mini-Futures | EUR/USD | 5,575 | 332 |
| NL0013276843 | BNP Paribas | 2210 | Mini-Futures | Gold | 5,244 | 392 |
| NL0012994610 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | AEX | 5,203 | 1,650 |
| PTBCS1YE0010 | BCP | 1300 | Tracker Certificates | Nikkei 225 Index | 5,053 | 742 |
| NL0012265425 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | AEX | 5,034 | 2,292 |
| NL0013385305 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,945 | 392 |
| NL0013245418 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,940 | 46 |
| NL0013303134 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 4,883 | 374 |
| NL0013366743 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | AEX | 4,837 | 1,090 |
| NL0013294945 | BNP Paribas | 2210 | Mini-Futures | EUR/USD | 4,749 | 310 |
| PTBIY1YE0064 | BCP | 1300 | Tracker Certificates | PSI 20 Index | 4,622 | 578 |
| DE000CP5GLP9 | Citi | 2200 | Knock-Out Warrants | Nasdaq 100 | 4,532 | 62 |
| NL0012862700 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,226 | 764 |
| NL0012895270 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,200 | 344 |
| FR0013188612 | Société Générale | 2300 | Constant Leverage Certificate | CAC 40 x15 Leveraged Index | 4,073 | 650 |
| NL0013293707 | BNP Paribas | 2210 | Mini-Futures | AEX | 4,009 | 506 |
| NL0013290786 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | Royal Dutch Shell | 4,002 | 1,004 |
| NL0013204654 | ING | 2205 | Open-End Knock-Out Warrants | ICE BRENT | 3,842 | 1,046 |
| NL0013297518 | BNP Paribas | 2210 | Mini-Futures | AEX | 3,606 | 348 |
| DE000CP6RNH7 | Citi | 2200 | Knock-Out Warrants | Dow Jones Indus. Avg. | 3,518 | 24 |
| DE000CP5GFG0 | Citi | 2200 | Knock-Out Warrants | Nasdaq 100 | 3,453 | 182 |
| NL0013366198 | BNP Paribas | 2210 | Mini-Futures | AEX | 3,422 | 660 |
| NL0011850466 | ING | 2205 | Open-End Knock-Out Warrants | ING | 3,307 | 992 |
| DE000CD633E4 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Arcelormittal | 3,256 | 668 |
| NL0012100606 | BNP Paribas | 2210 | Mini-Futures | Galapagos NV | 3,212 | 146 |
| DE000CP5GEX8 | Citi | 2200 | Knock-Out Warrants | Dow Jones Indus. Avg. | 3,211 | 26 |
| DE000CQ5BSP4 | Citi | 2205 | Open-End Knock-Out Warrants | AEX | 3,090 | 1,932 |
| DE000CP5GLM6 | Citi | 2200 | Knock-Out Warrants | Dow Jones Indus. Avg. | 3,083 | 60 |
| NL0013363278 | BNP Paribas | 2210 | Mini-Futures | AEX | 3,002 | 448 |

(Source Euronext)



Euronext Amsterdam

ISSUERS

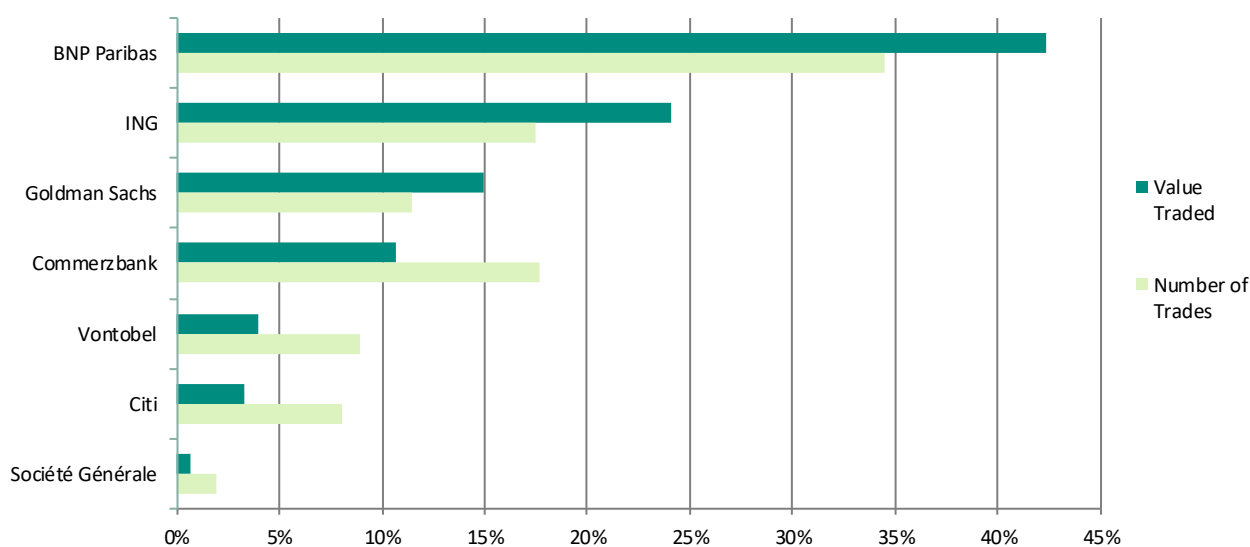
Market Overview

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 | 9,063 | -0.5% | -8.9% | 42.4% | 2,700 | -0.2% | 3.9% | 34.5% |
| ING | 5,151 | 97% | 23% | 24.1% | 1,367 | 33.7% | 20.8% | 17.5% |
| Goldman Sachs | 3,207 | 29% | 17.3% | 15.0% | 894 | 3.7% | -37.3% | 11.4% |
| Commerzbank | 2,280 | 4.9% | -12.8% | 10.7% | 1,385 | 1.2% | 64.8% | 17.7% |
| Vontobel | 840 | 16.2% | -18.3% | 3.9% | 702 | 31.3% | 15.3% | 9.0% |
| Citi | 706 | 25% | -20% | 3.3% | 627 | 31.6% | 15.7% | 8.0% |
| Société Générale | 150 | -40% | -22% | 0.7% | 151 | -29.6% | 2.5% | 1.9% |
| Total | 21,397 | 19.3% | -0.9% | 100% | 7,824 | 8.9% | 7.3% | 100% |

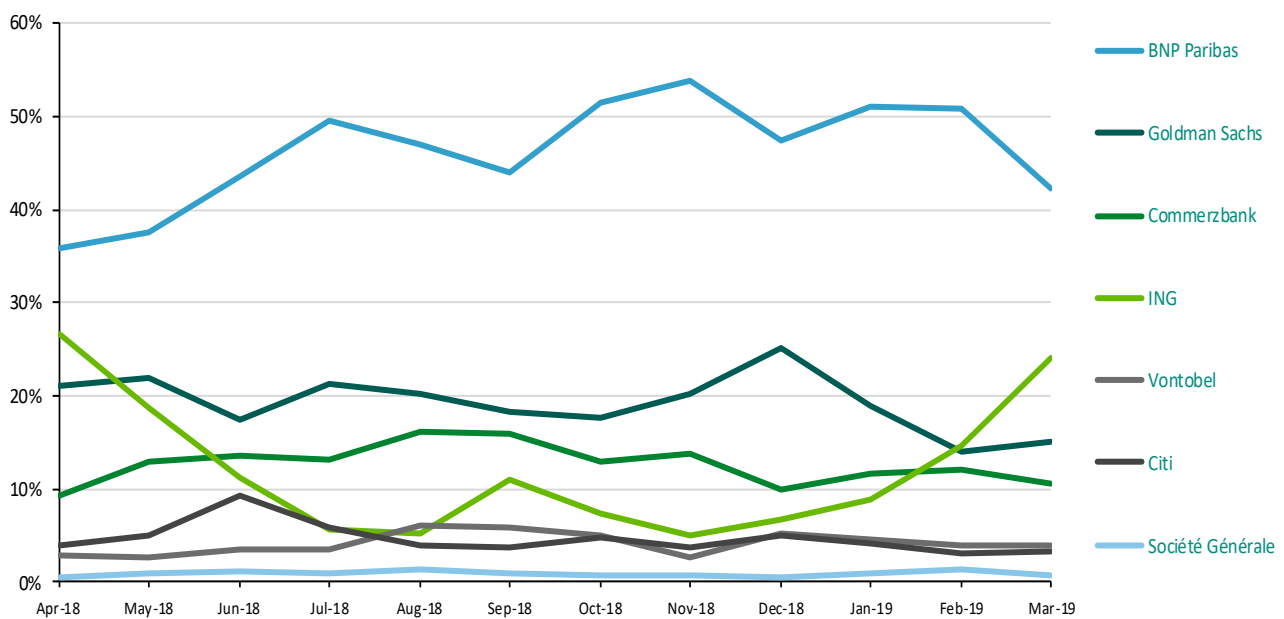
(Source Euronext)



ISSUERS

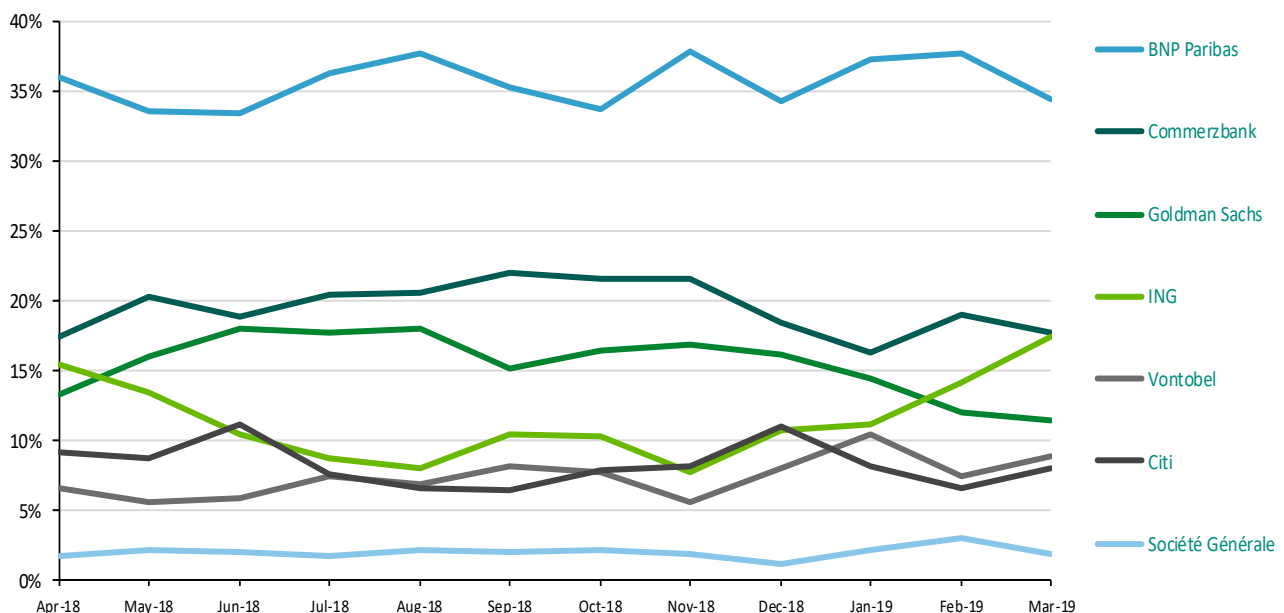
Market Trend: Value traded

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

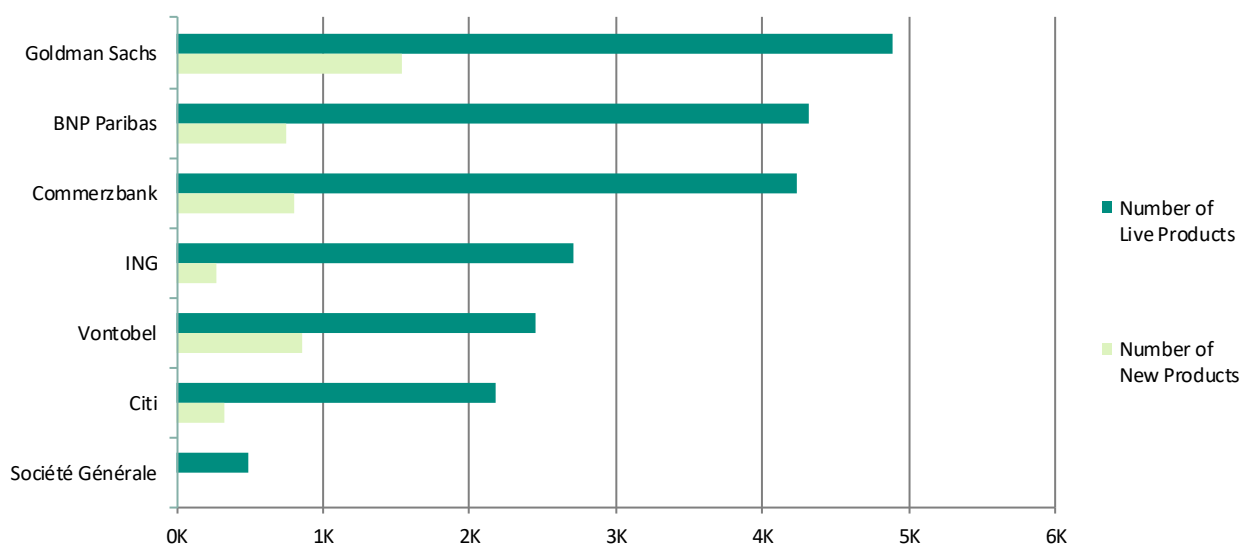
Product Overview

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 | 4,892 | 0.2% | -4.8% | 23.0% | 1,537 | 113% | 25% | 33.9% |
| BNP Paribas | 4,322 | 4.3% | 8.4% | 20.3% | 746 | -23% | -27% | 16.5% |
| Commerzbank | 4,240 | -4.6% | -0.4% | 19.9% | 796 | 2.1% | -2.0% | 17.6% |
| ING | 2,715 | 1.9% | -1.5% | 12.8% | 269 | 2.7% | -3.5% | 5.9% |
| Vontobel | 2,455 | -3.4% | 9.6% | 11.5% | 858 | -7.5% | -11.1% | 18.9% |
| Citi | 2,181 | 2.9% | 5.0% | 10.2% | 323 | -33% | -17.3% | 7.1% |
| Société Générale | 485 | -4.5% | -0.4% | 2.3% | 0 | -100% | -100% | 0.0% |
| Total | 21,291 | -0.1% | 1.6% | 100% | 4,529 | 6.5% | -6.9% | 100% |

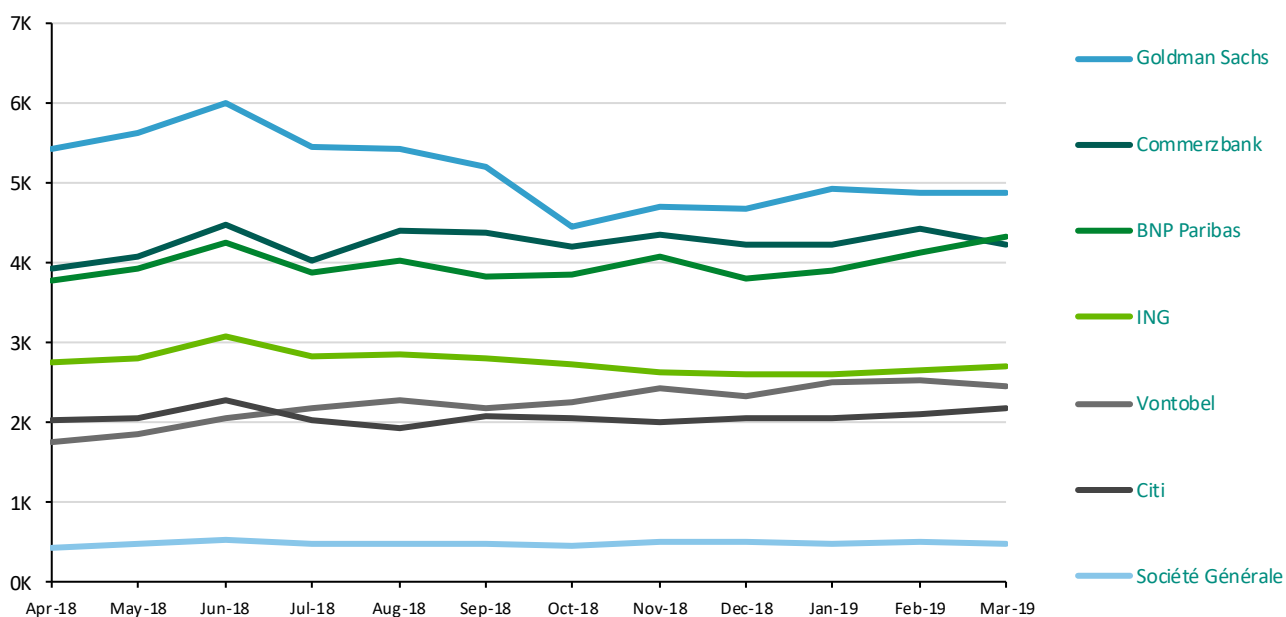
(Source Euronext)



ISSUERS

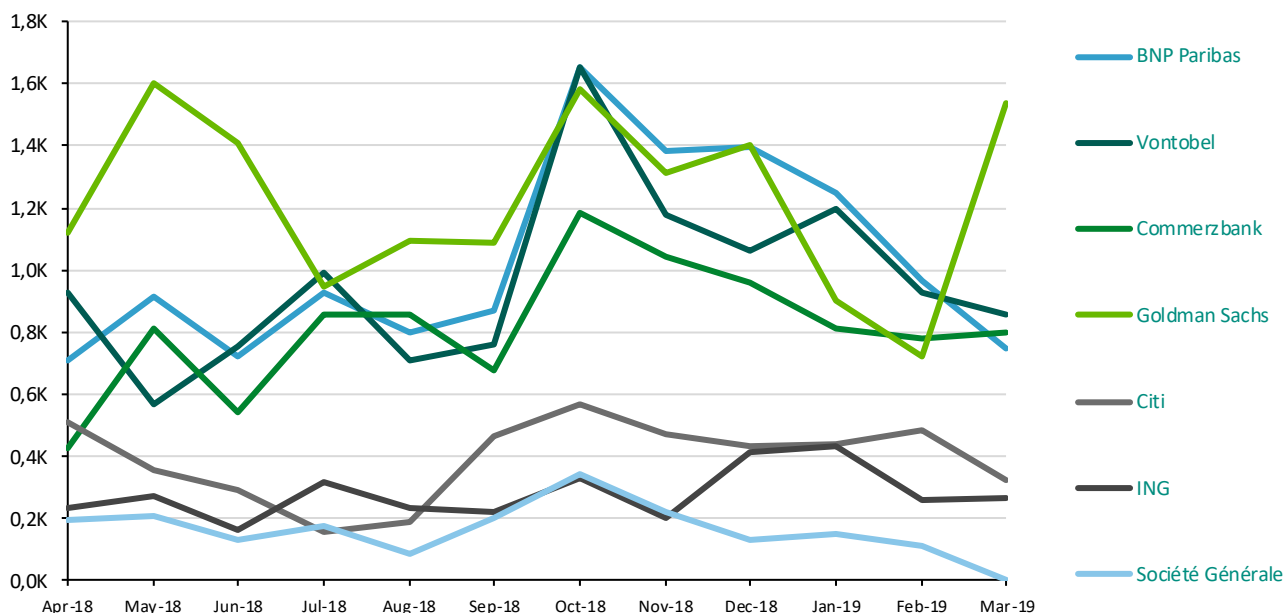
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

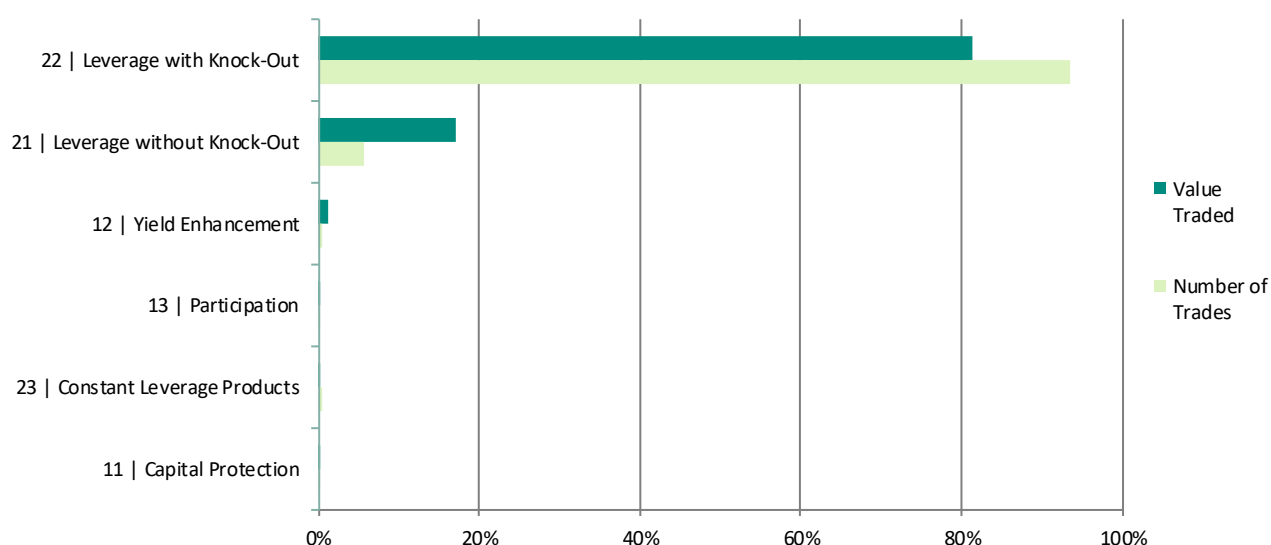
Market Overview

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

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

| Product Types (EUSIPA Categorization Level 2) | Value Traded | | | | Number of Trades | | | |
|--|--------------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| 22 Leverage with Knock-Out | 17,420 | 5.8% | -11.7% | 81.4% | 7,325 | 4.3% | 3.5% | 93.6% |
| 21 Leverage without Knock-Out | 3,641 | 196% | 159% | 17.0% | 441 | 306.9% | 212.8% | 5.6% |
| 12 Yield Enhancement | 257 | 87% | -12.6% | 1.2% | 27 | 48.4% | 4.6% | 0.3% |
| 13 Participation | 49 | -10.0% | -62% | 0.2% | 3.6 | -87.5% | -92.2% | 0.0% |
| 23 Constant Leverage Products | 29 | -32% | -21% | 0.1% | 29 | 274.1% | 388.5% | 0.4% |
| 11 Capital Protection | 1 | -71% | -12.7% | 0.0% | 0.3 | -36.5% | -4.1% | 0.0% |
| Total | 21,397 | 19.3% | -0.9% | 100% | 7,824 | 8.9% | 7.3% | 100% |

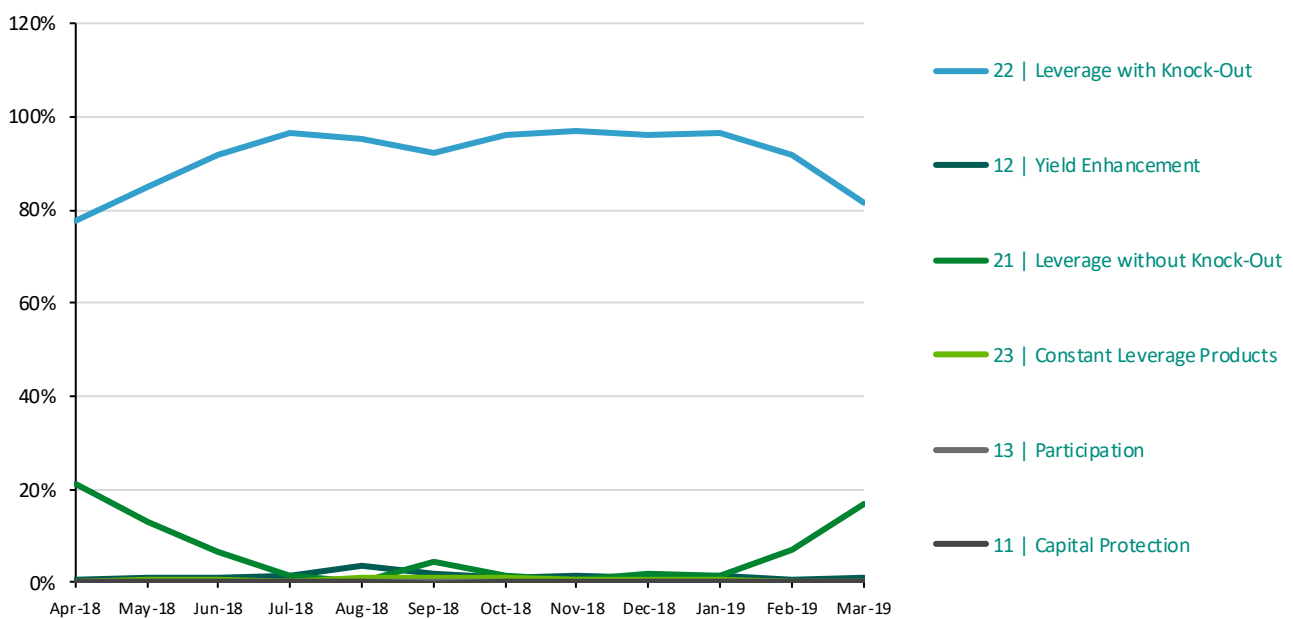
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

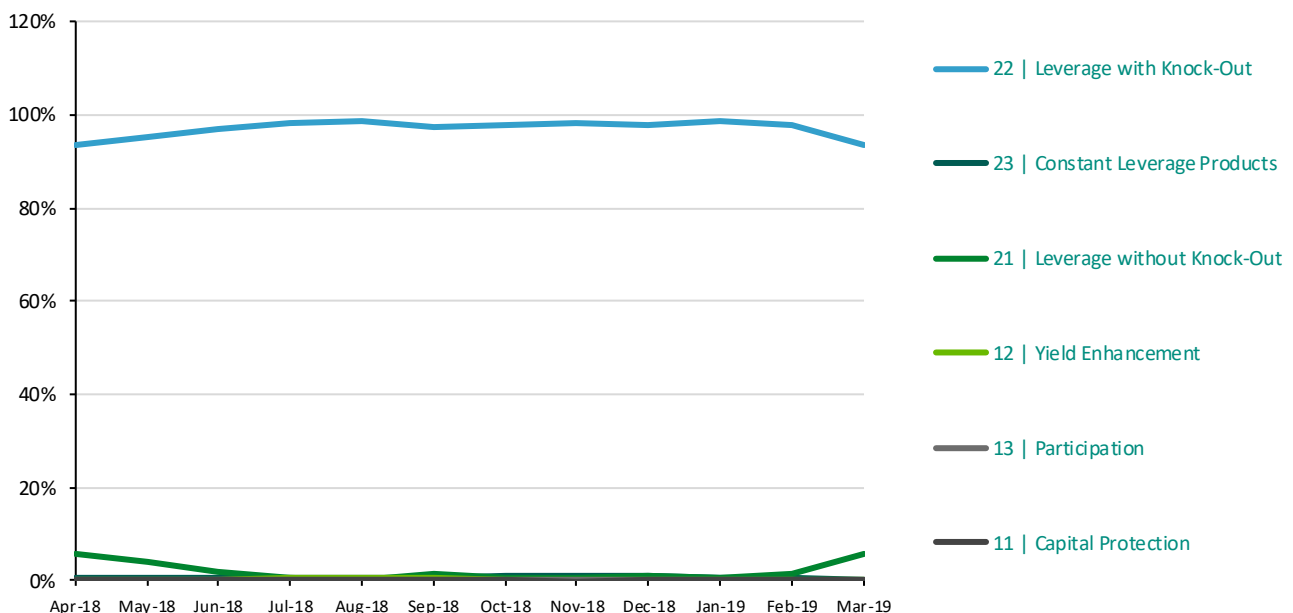
Market Trend: Value traded

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

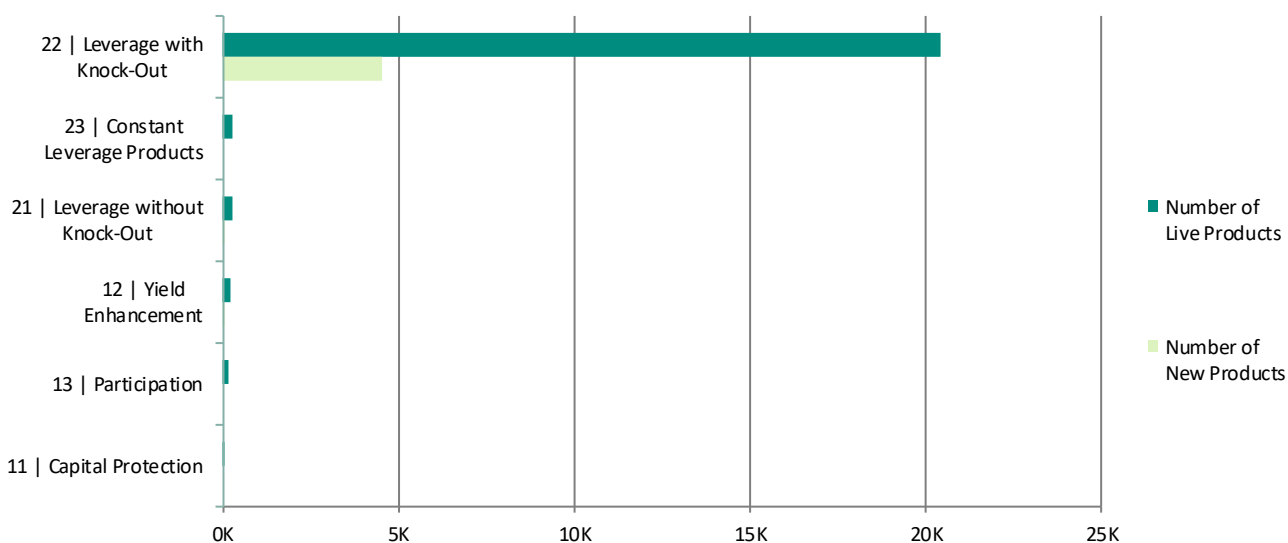
Product Overview

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 | 20,412 | 0.1% | 1.9% | 95.9% | 4,509 | 7.2% | -5.9% | 99.6% |
| 23 Constant Leverage Products | 252 | -0.3% | 0.6% | 1.2% | 0 | | -100% | 0.0% |
| 21 Leverage without Knock-Out | 243 | -13.8% | -19.5% | 1.1% | 15 | -42% | -61% | 0.3% |
| 12 Yield Enhancement | 241 | 0.5% | 12.0% | 1.1% | 5 | -75% | -80% | 0.1% |
| 13 Participation | 136 | -1.5% | 1.6% | 0.6% | 0 | | -100% | 0.0% |
| 11 Capital Protection | 7 | 0.0% | -0.8% | 0.0% | 0 | | | 0.0% |
| Total | 21,291 | -0.1% | 1.6% | 100% | 4,529 | 6.5% | -6.9% | 100% |

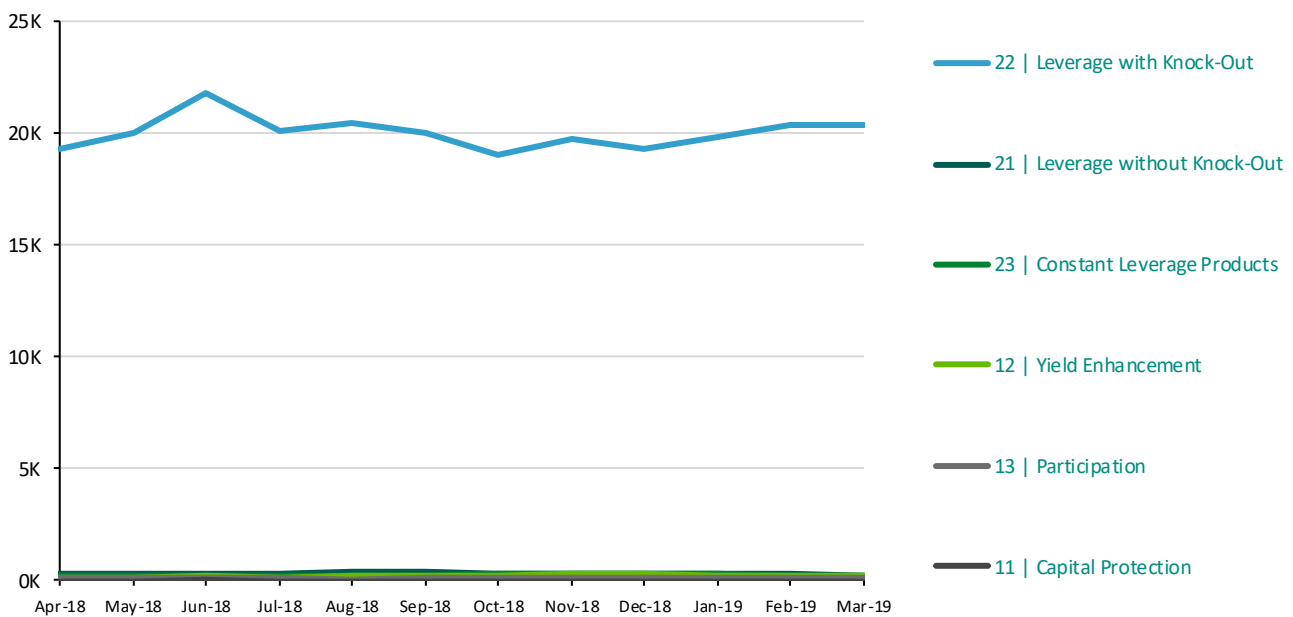
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

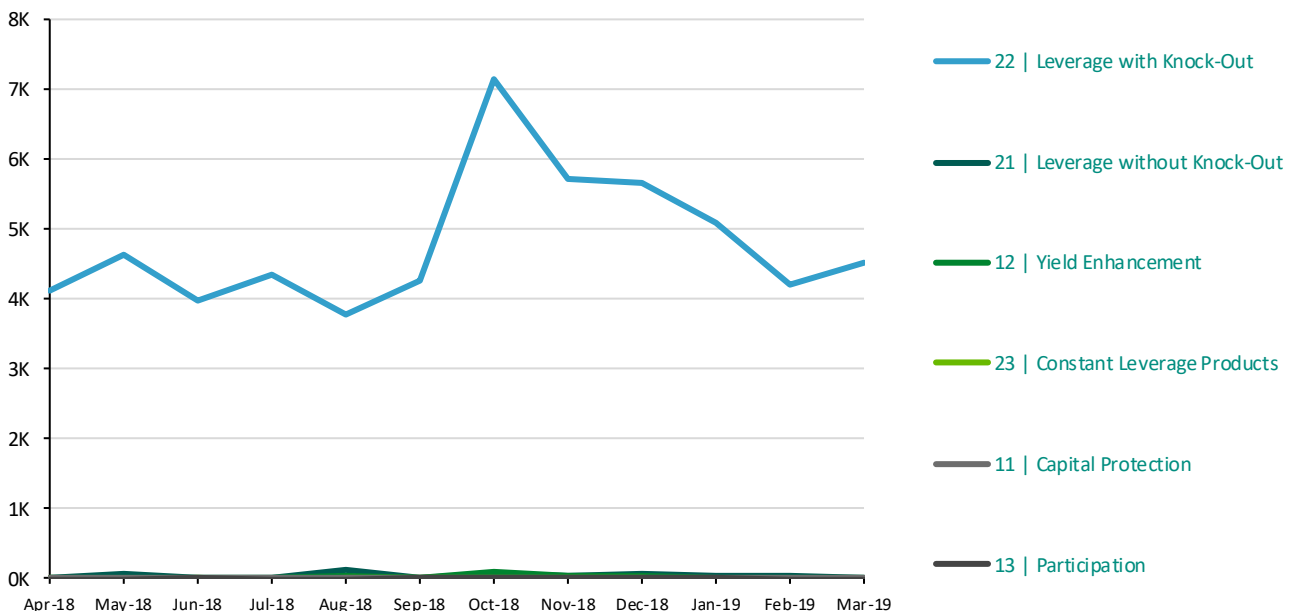
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

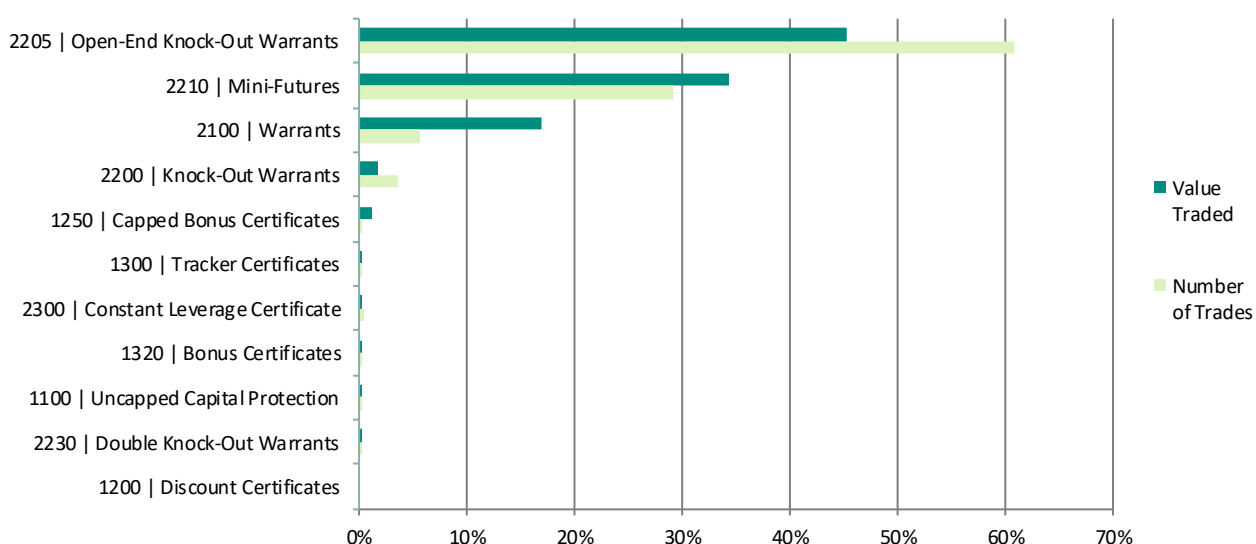
Market Overview

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

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

| Product Types (EUSIPA Categorization Level 3) | Value Traded | | | | Number of Trades | | | |
|--|--------------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| 2205 Open-End Knock-Out Warrants | 9,697 | 5.1% | -10.2% | 45.3% | 4,766 | -0.3% | -2.3% | 60.9% |
| 2210 Mini-Futures | 7,338 | 5.3% | -11.4% | 34.3% | 2,281 | 13.8% | 18.8% | 29.2% |
| 2100 Warrants | 3,641 | 196% | 159% | 17.0% | 441 | 307% | 213% | 5.6% |
| 2200 Knock-Out Warrants | 385 | 40% | -40% | 1.8% | 277 | 17.0% | -0.2% | 3.5% |
| 1250 Capped Bonus Certificates | 257 | 87% | -12.6% | 1.2% | 27 | 48% | 4.6% | 0.3% |
| 1300 Tracker Certificates | 39 | -28% | -70% | 0.2% | 2.8 | -90% | -94% | 0.0% |
| 2300 Constant Leverage Certificate | 29 | 25% | 22% | 0.1% | 29 | NA | 961% | 0.4% |
| 1320 Bonus Certificates | 10 | -52% | -25% | 0.0% | 0.8 | -85% | -75% | 0.0% |
| 1100 Uncapped Capital Protection | 1 | -71% | -12.7% | 0.0% | 0.3 | -37% | -4.1% | 0.0% |
| 2230 Double Knock-Out Warrants | 0 | NA | -40% | 0.0% | 0.7 | 614% | 324% | 0.0% |
| 1200 Discount Certificates | 0 | | -100% | 0.0% | 0.0 | | -100% | 0.0% |
| Total | 21,397 | 19.3% | -0.9% | 100% | 7,824 | 8.9% | 7.3% | 100% |

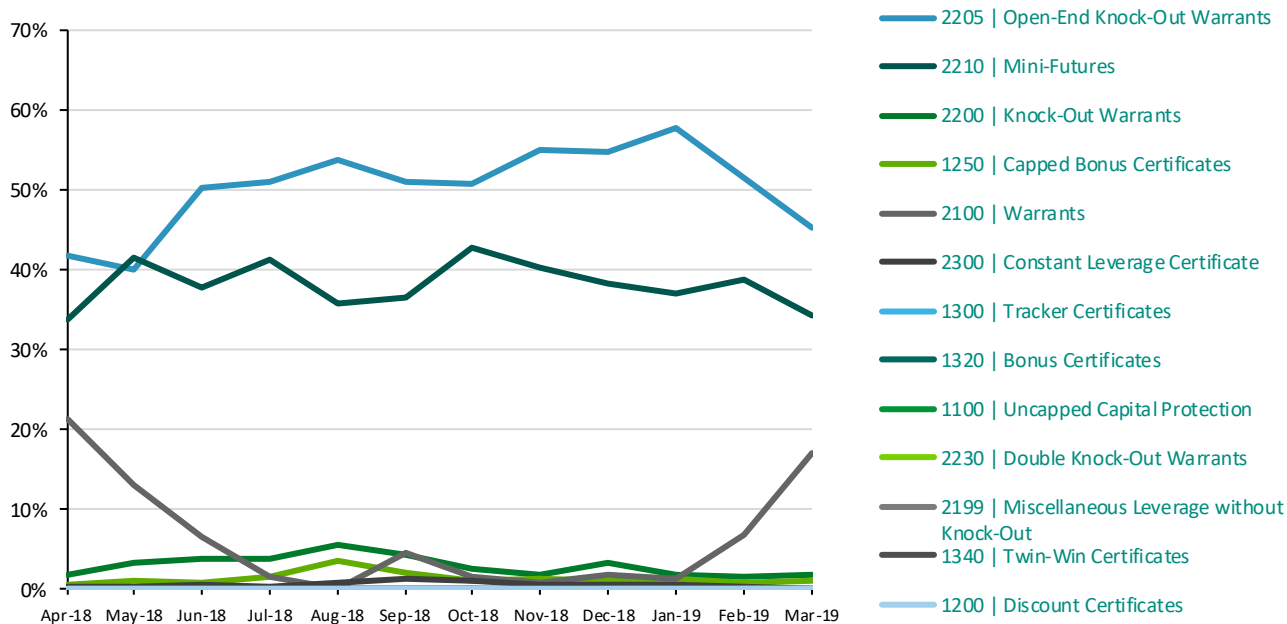
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

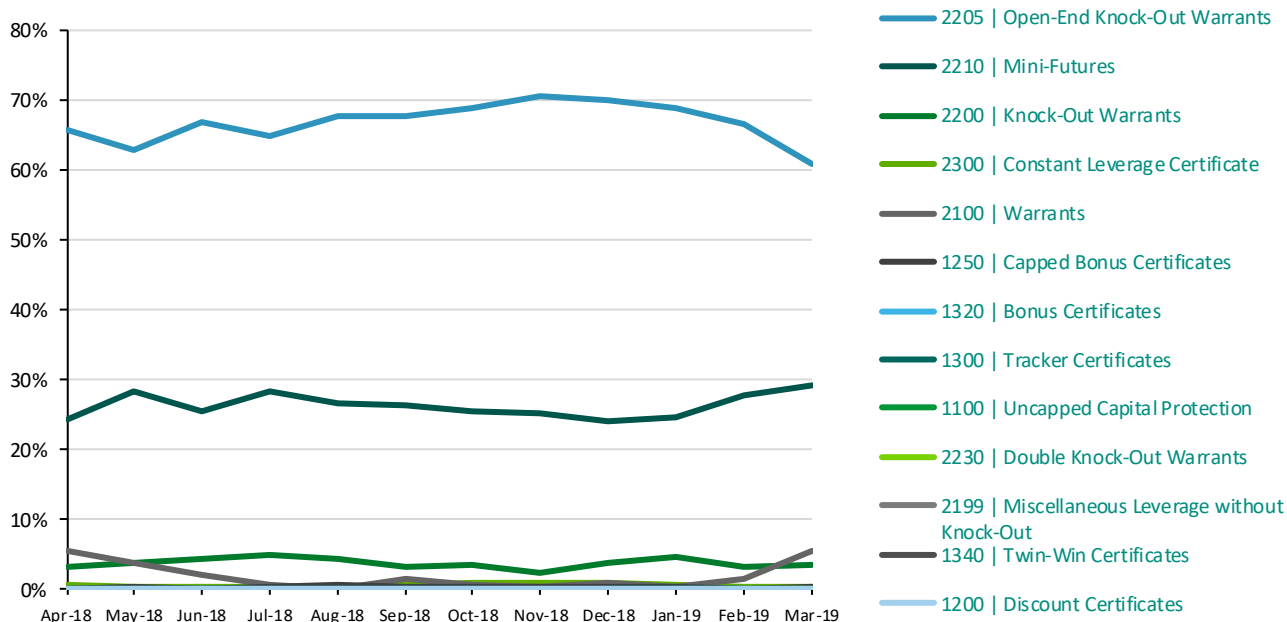
Market Trend: Value traded

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

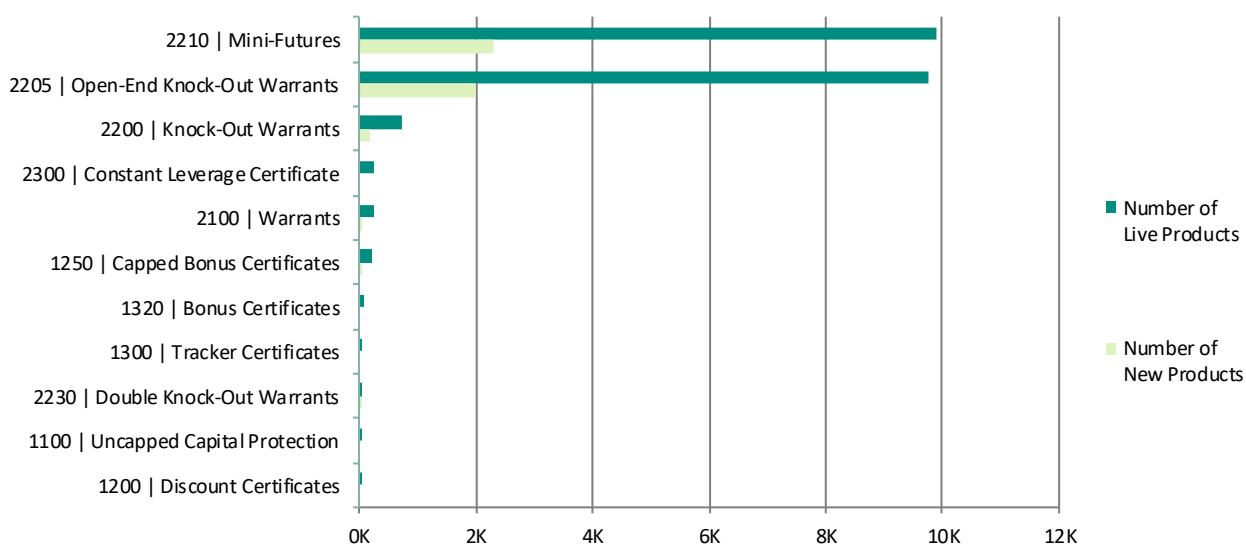
Product Overview

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 |
| 2210 Mini-Futures | 9,893 | 2.1% | -1.1% | 46.5% | 2,297 | 32% | 19.0% | 50.7% |
| 2205 Open-End Knock-Out Warrants | 9,774 | 0.5% | 8.1% | 45.9% | 2,008 | -3.7% | -15.5% | 44.3% |
| 2200 Knock-Out Warrants | 717 | -25% | -28% | 3.4% | 184 | -50% | -62% | 4.1% |
| 2300 Constant Leverage Certificate | 252 | -0.3% | 0.6% | 1.2% | 0 | | -100% | 0.0% |
| 2100 Warrants | 243 | -13.8% | -19.5% | 1.1% | 15 | -42% | -61% | 0.3% |
| 1250 Capped Bonus Certificates | 235 | 1.7% | 14.2% | 1.1% | 5 | -75% | -79% | 0.1% |
| 1320 Bonus Certificates | 77 | -3.3% | 5.5% | 0.4% | 0 | | -100% | 0.0% |
| 1300 Tracker Certificates | 59 | 1.1% | -1.0% | 0.3% | 0 | | | 0.0% |
| 2230 Double Knock-Out Warrants | 28 | 105% | 410% | 0.1% | 20 | 5.3% | 380% | 0.4% |
| 1100 Uncapped Capital Protection | 7 | 0.0% | -0.8% | 0.0% | 0 | | | 0.0% |
| 1200 Discount Certificates | 5 | -36% | -40% | 0.0% | 0 | | -100% | 0.0% |
| Total | 21,291 | -0.1% | 1.6% | 100% | 4,529 | 6.5% | -6.9% | 100% |

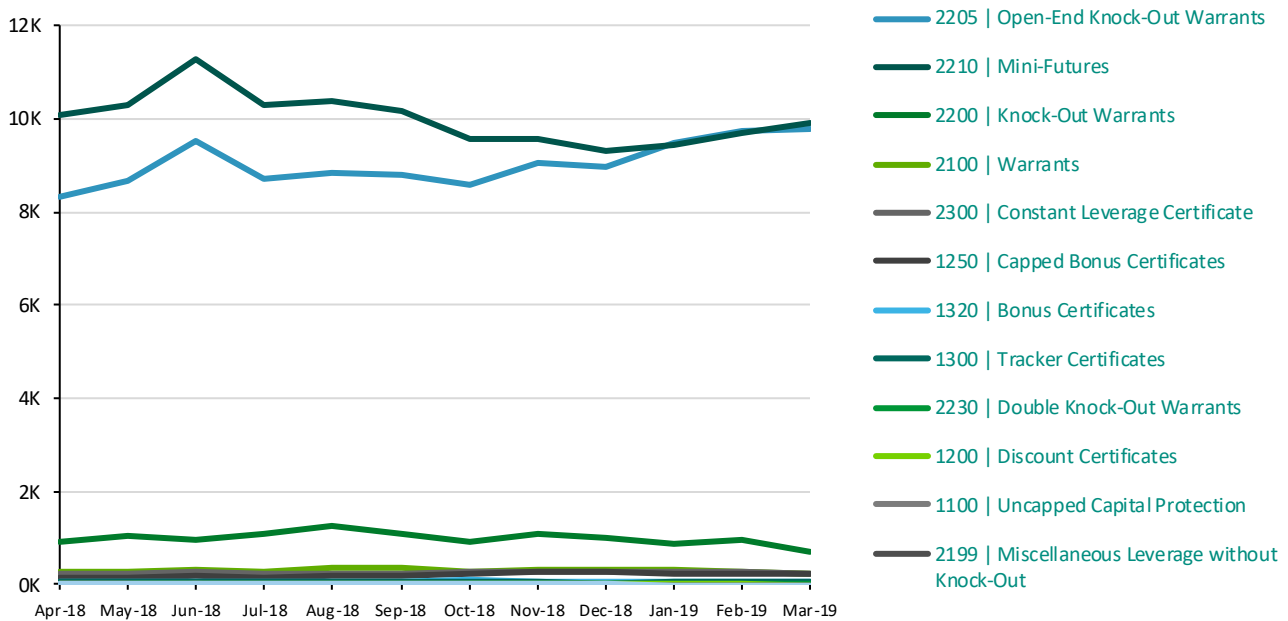
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

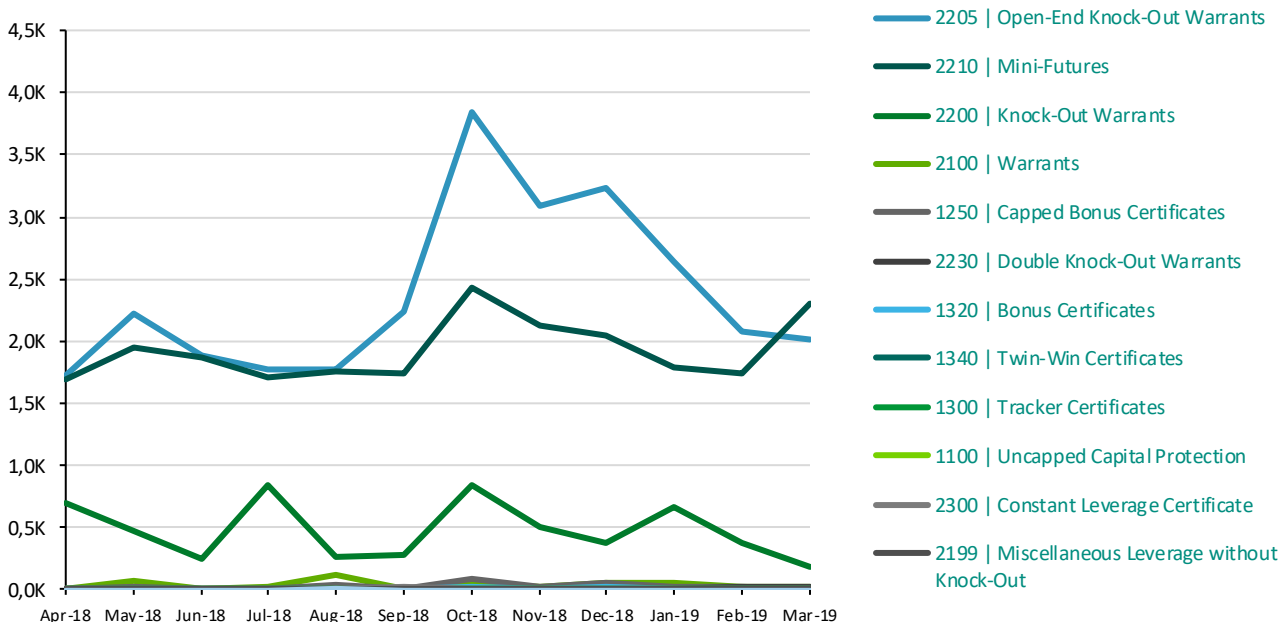
Product Trend: Number of Live Products

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

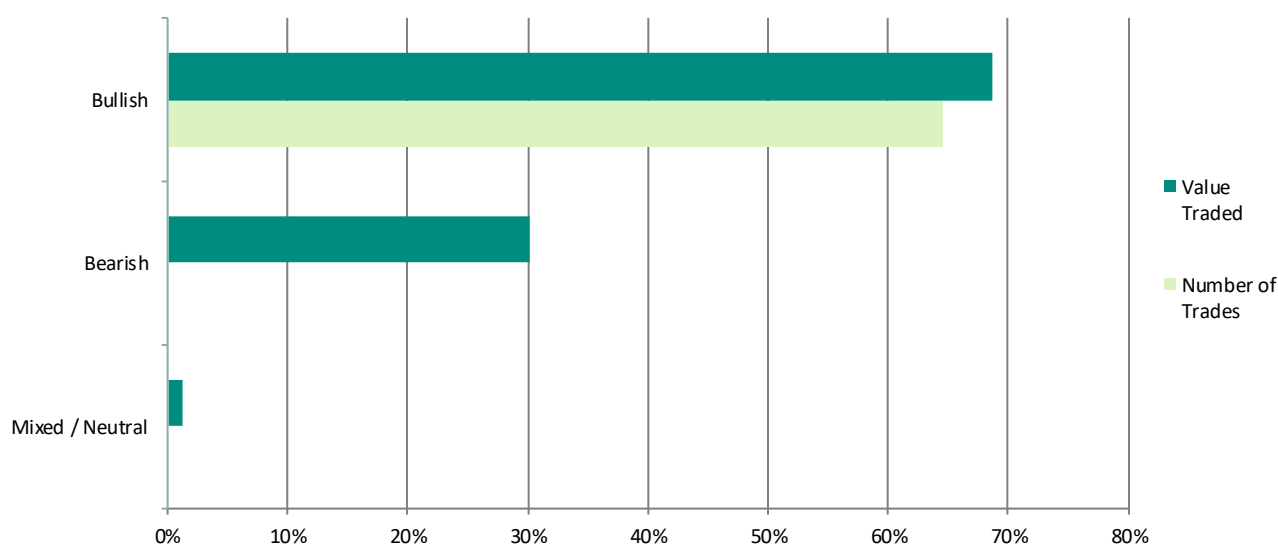
Market Overview

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 | 14,708 | 27% | 3.7% | 68.7% | 5,048 | 15.8% | 6.9% | 64.5% |
| Bearish | 6,432 | 3.3% | -9.6% | 30.1% | 0.0 | -100% | -100% | 0.0% |
| Mixed / Neutral | 257 | 88% | -12.5% | 1.2% | 0.0 | -100% | -100% | 0.0% |
| Total | 21,397 | 19.3% | -0.9% | 100% | 7,824 | 8.9% | 7.3% | 100% |

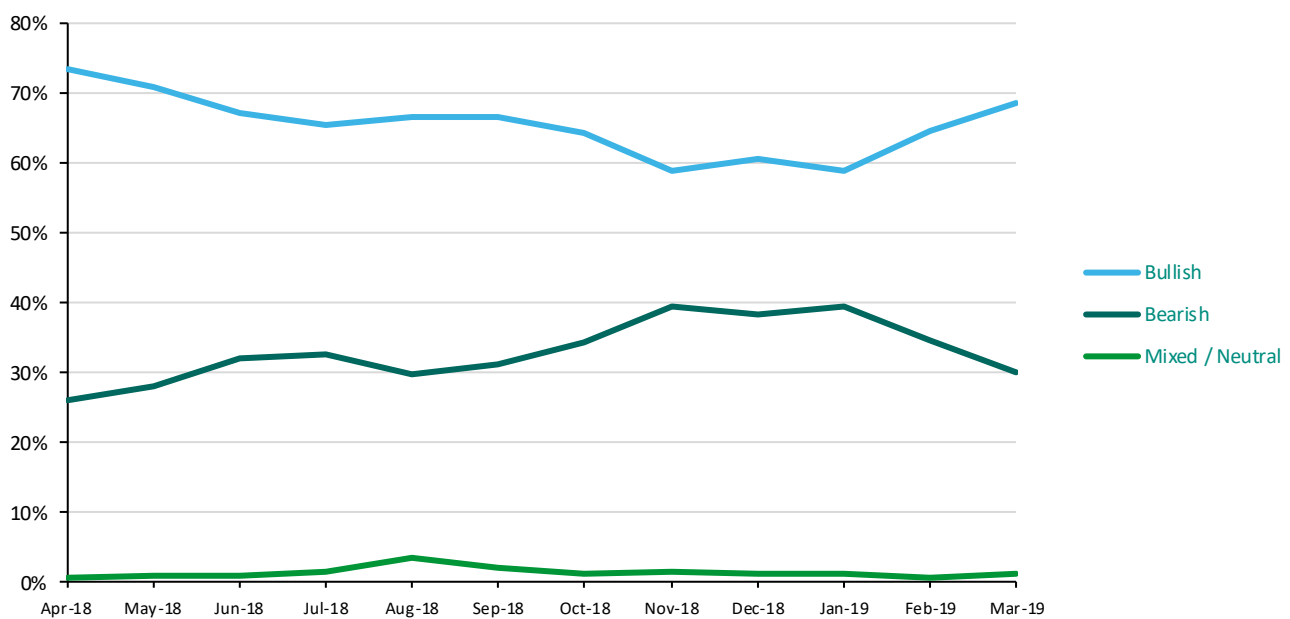
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PRODUCT STRATEGIES

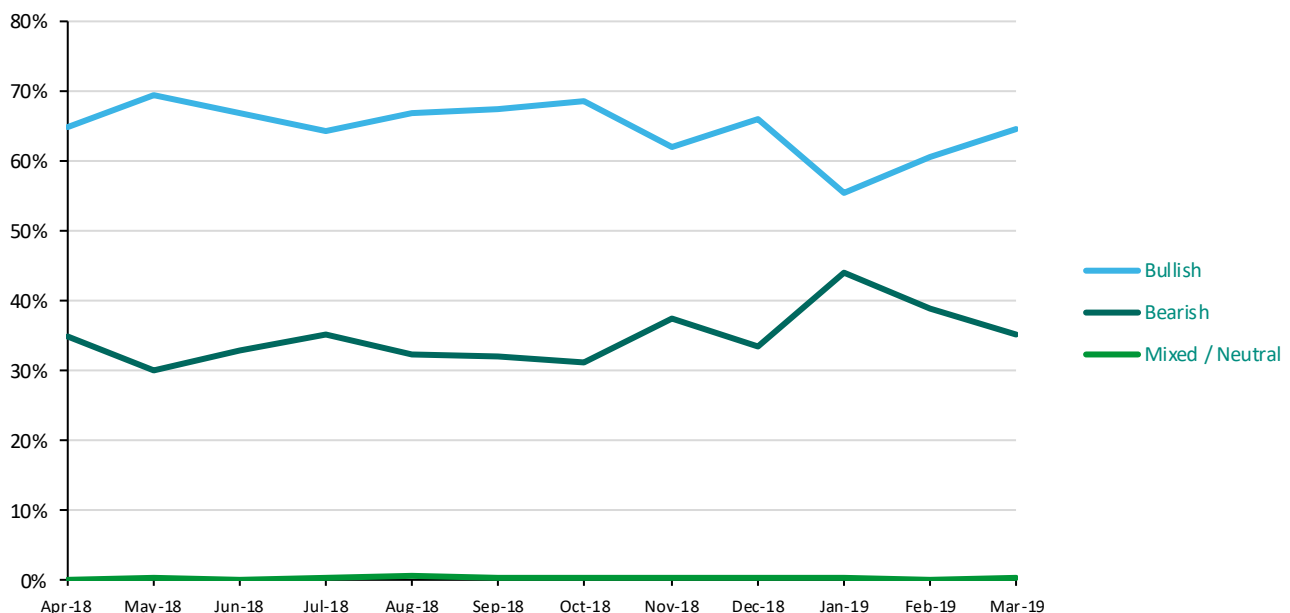
Market Trend: Value traded

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

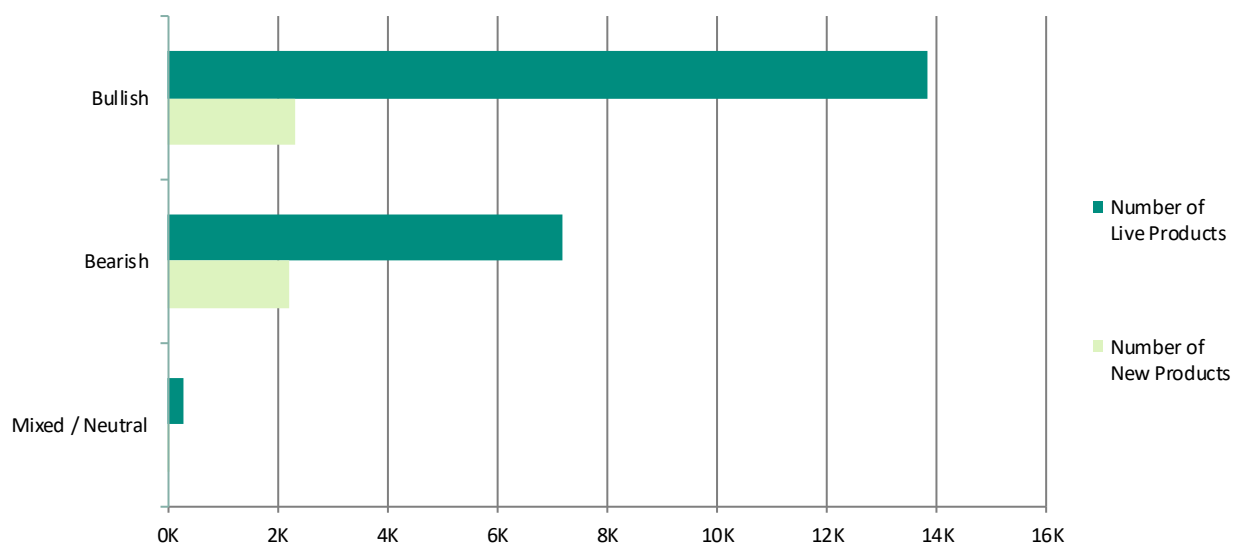
Product Overview

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 | 13,841 | 4.3% | 5.3% | 65.0% | 2,314 | -18.8% | -15.8% | 51.1% |
| Bearish | 7,180 | -7.7% | -5.3% | 33.7% | 2,190 | 60% | 4.9% | 48.4% |
| Mixed / Neutral | 270 | 6.1% | 21% | 1.3% | 25 | -36% | -13.3% | 0.6% |
| Total | 21,291 | -0.1% | 1.6% | 100% | 4,529 | 6.5% | -6.9% | 100% |

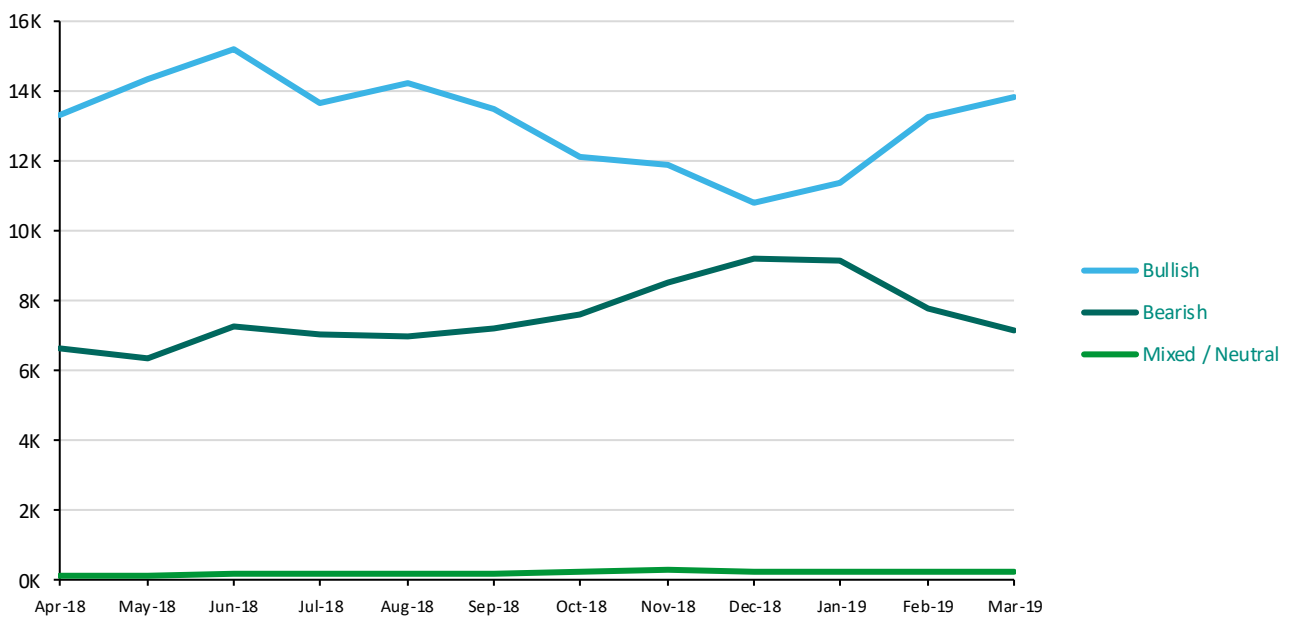
(Source Euronext)



PRODUCT STRATEGIES

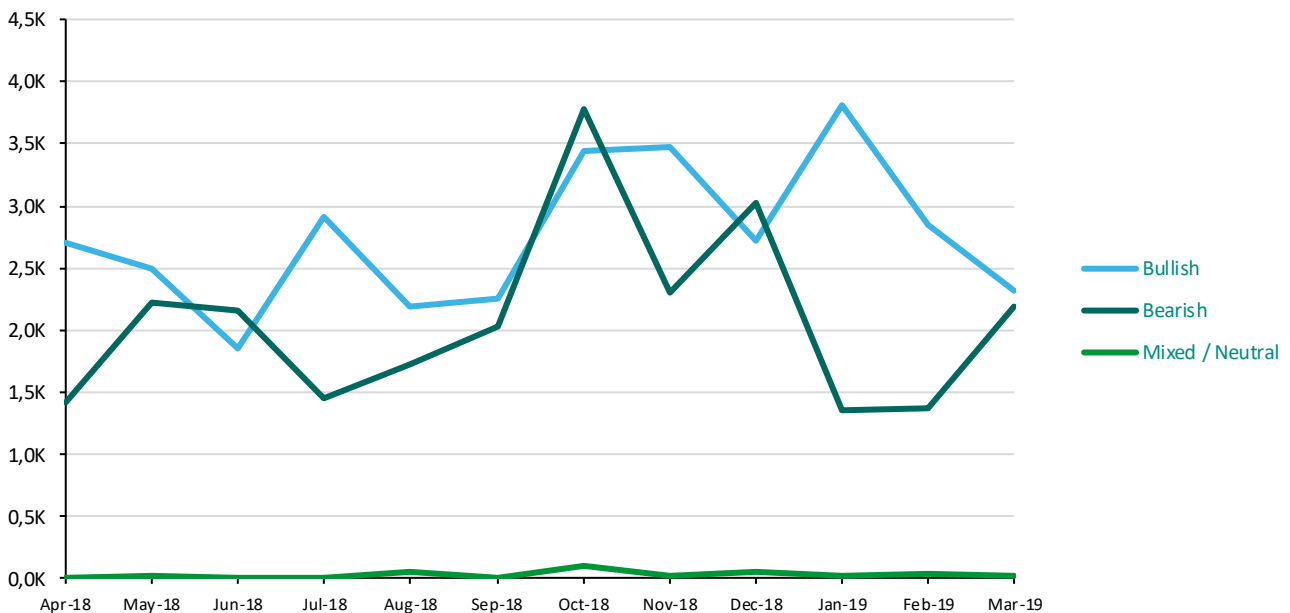
Product Trend: Number of Live Products

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

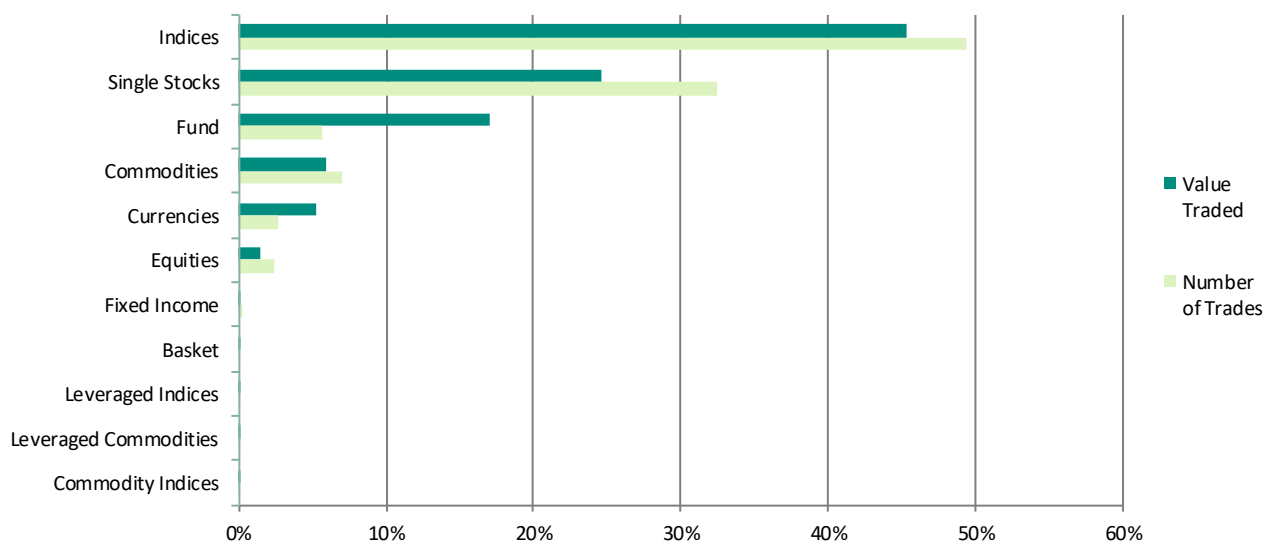
Market Overview

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 | 9,698 | 6.9% | -13.6% | 45.3% | 3,863 | 5.7% | 1.8% | 49.4% |
| Single Stocks | 5,276 | 3.4% | -7.9% | 24.7% | 2,540 | -0.3% | 4.3% | 32.5% |
| Fund | 3,640 | 166% | 142% | 17.0% | 438 | -12.5% | 70.5% | 5.6% |
| Commodities | 1,255 | 2.3% | -10.3% | 5.9% | 548 | 417.2% | 301.7% | 7.0% |
| Currencies | 1,131 | 34% | -12.1% | 5.3% | 212 | 19.1% | -52.3% | 2.7% |
| Equities | 321 | 29% | 7.4% | 1.5% | 186 | 19.3% | 11.9% | 2.4% |
| Fixed Income | 33 | 7.5% | -46% | 0.2% | 20 | 15.5% | -12.6% | 0.3% |
| Basket | 32 | 43% | -43% | 0.1% | 1.8 | -87.7% | -93.2% | 0.0% |
| Leveraged Indices | 9 | -37% | -29% | 0.0% | 12 | 700.0% | 850.3% | 0.2% |
| Leveraged Commodities | 2 | -87% | -85% | 0.0% | 3.7 | -36.0% | -50.6% | 0.0% |
| Commodity Indices | 0 | 287% | -17.3% | 0.0% | 0.0 | -4.8% | -42.2% | 0.0% |
| Total | 21,397 | 19.3% | -0.9% | 100% | 7,824 | 8.9% | 7.3% | 100% |

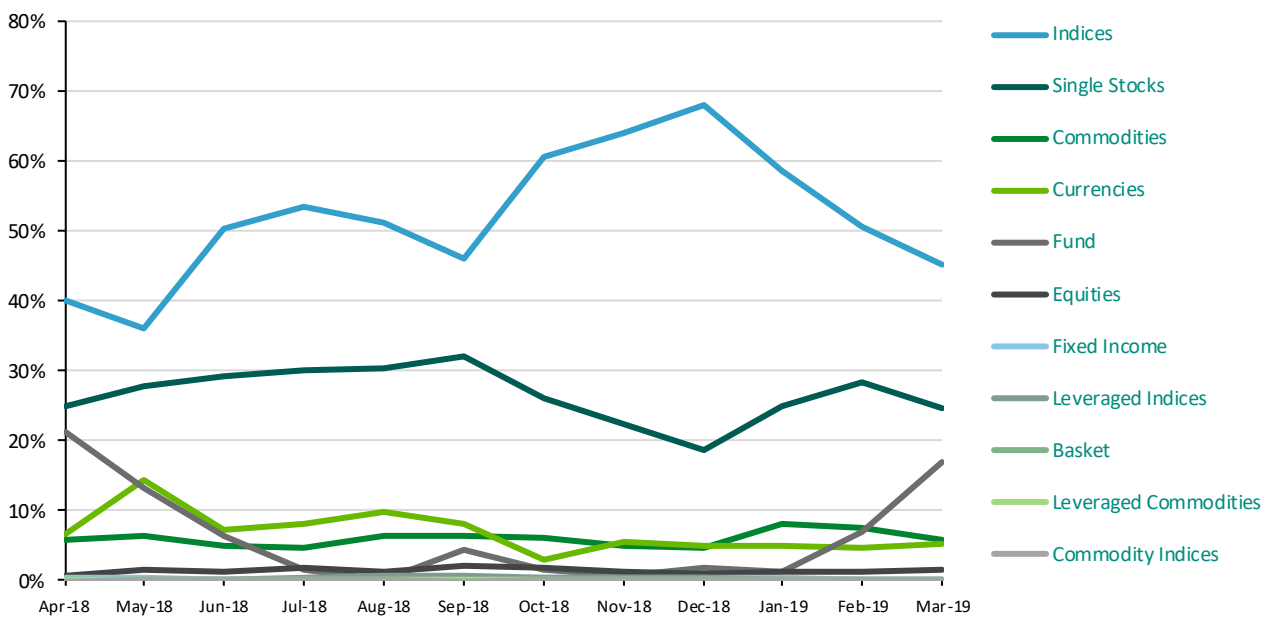
(Source Euronext)



UNDERLYING TYPES

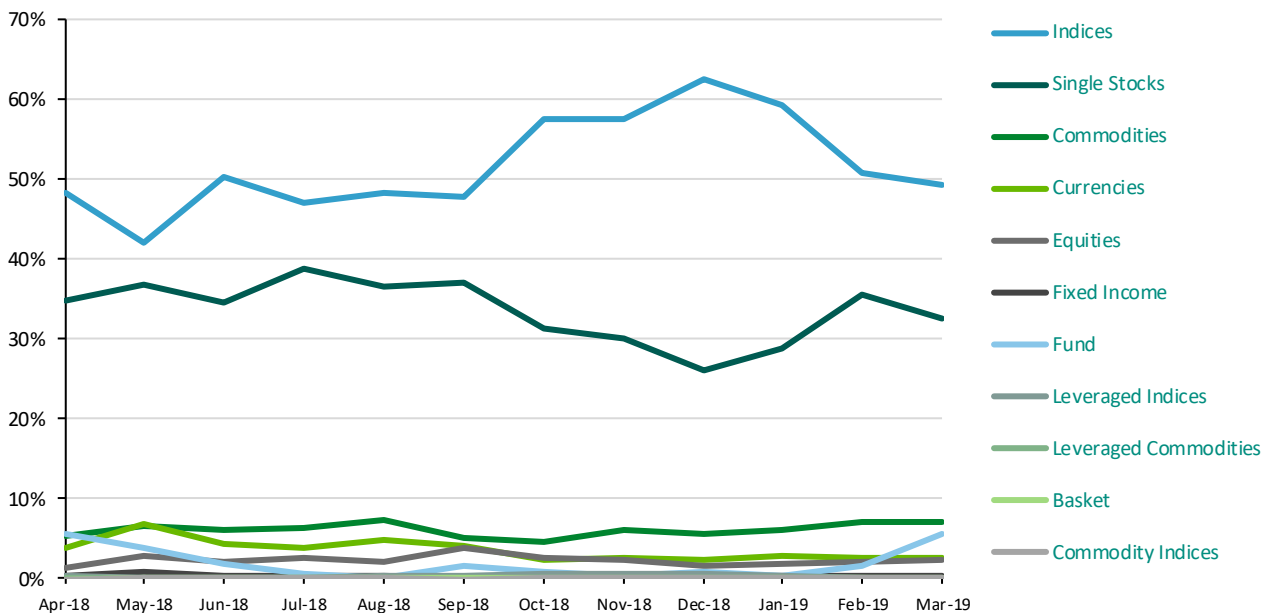
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

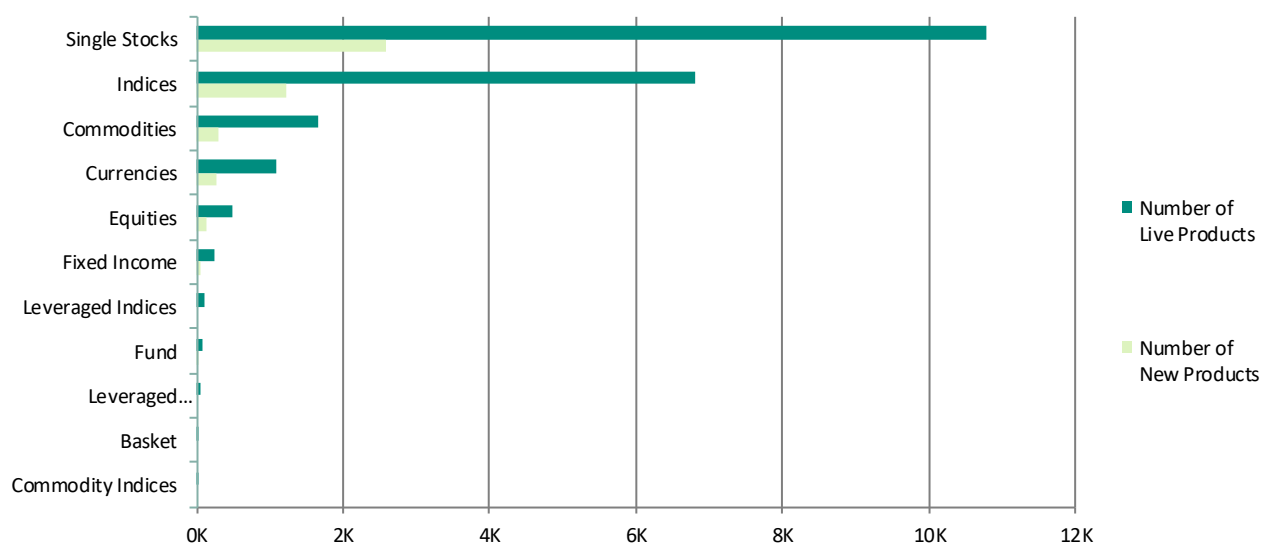
Product Overview

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

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

| Underlying Types | Number of Live Products | | | | Number of New Products | | | |
|-----------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Single Stocks | 10,793 | 0.1% | 1.3% | 50.7% | 2,585 | 17.4% | 6.6% | 57.1% |
| Indices | 6,818 | -0.7% | 1.1% | 32.0% | 1,215 | -15.6% | -29% | 26.8% |
| Commodities | 1,655 | 0.2% | 3.0% | 7.8% | 287 | 10.0% | -3.6% | 6.3% |
| Currencies | 1,088 | -1.3% | -4.1% | 5.1% | 272 | 46% | 5.8% | 6.0% |
| Equities | 481 | 7.6% | 42% | 2.3% | 132 | -17.5% | -16.1% | 2.9% |
| Fixed Income | 234 | -0.9% | -2.4% | 1.1% | 34 | NA | 179% | 0.8% |
| Leveraged Indices | 101 | 0.0% | -2.7% | 0.5% | 0 | | -100% | 0.0% |
| Fund | 65 | 4.5% | 21% | 0.3% | 4 | 100% | 60% | 0.1% |
| Leveraged Commodities | 39 | -1.7% | -27% | 0.2% | 0 | | -100% | 0.0% |
| Basket | 14 | 1.4% | 0.2% | 0.1% | 0 | | | 0.0% |
| Commodity Indices | 1 | 0.0% | -0.8% | 0.0% | 0 | | | 0.0% |
| Total | 21,291 | -0.1% | 1.6% | 100% | 4,529 | 6.5% | -6.9% | 100% |

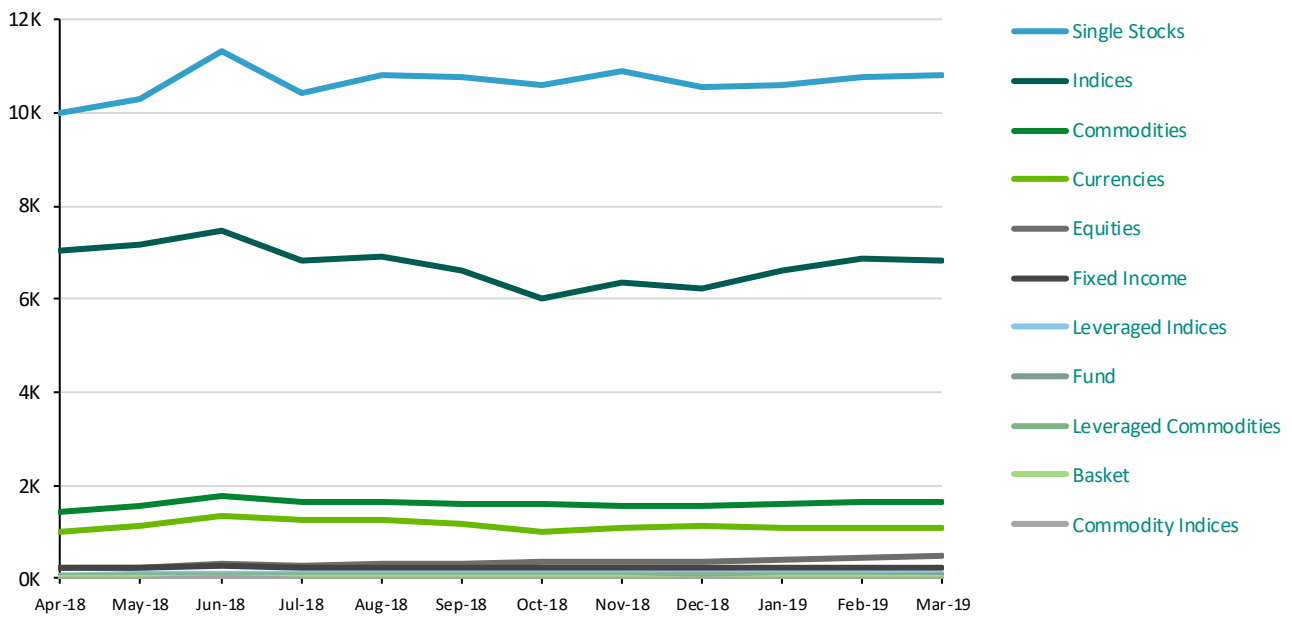
(Source Euronext)



UNDERLYING TYPES

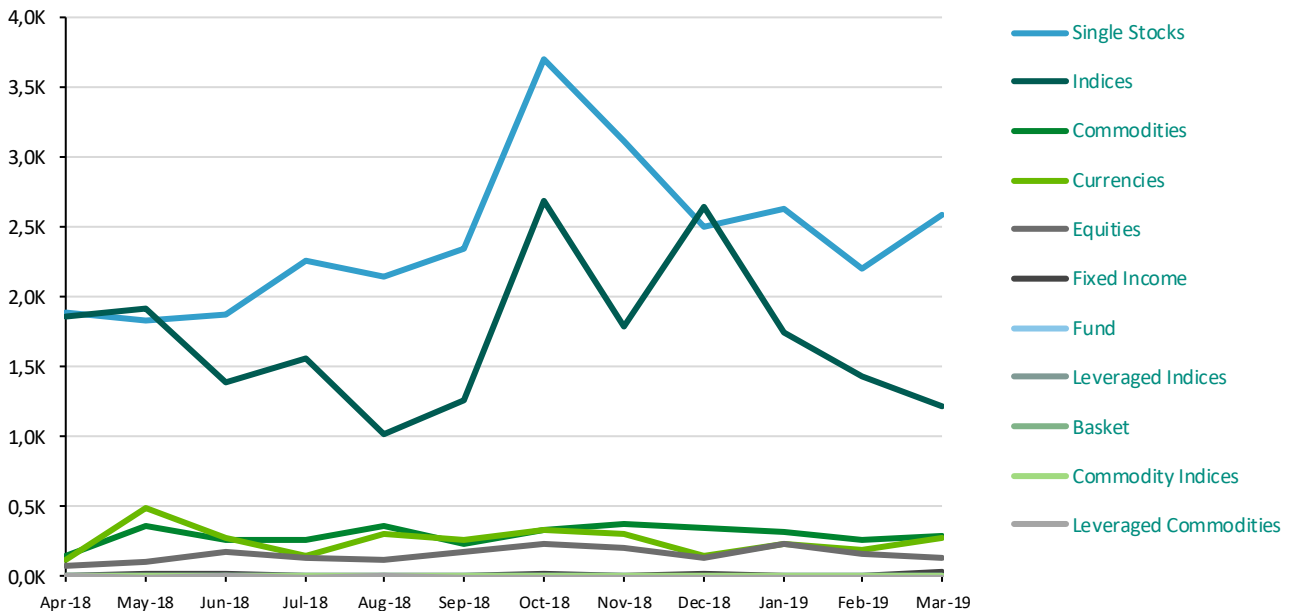
Product Trend: Number of Live Products

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

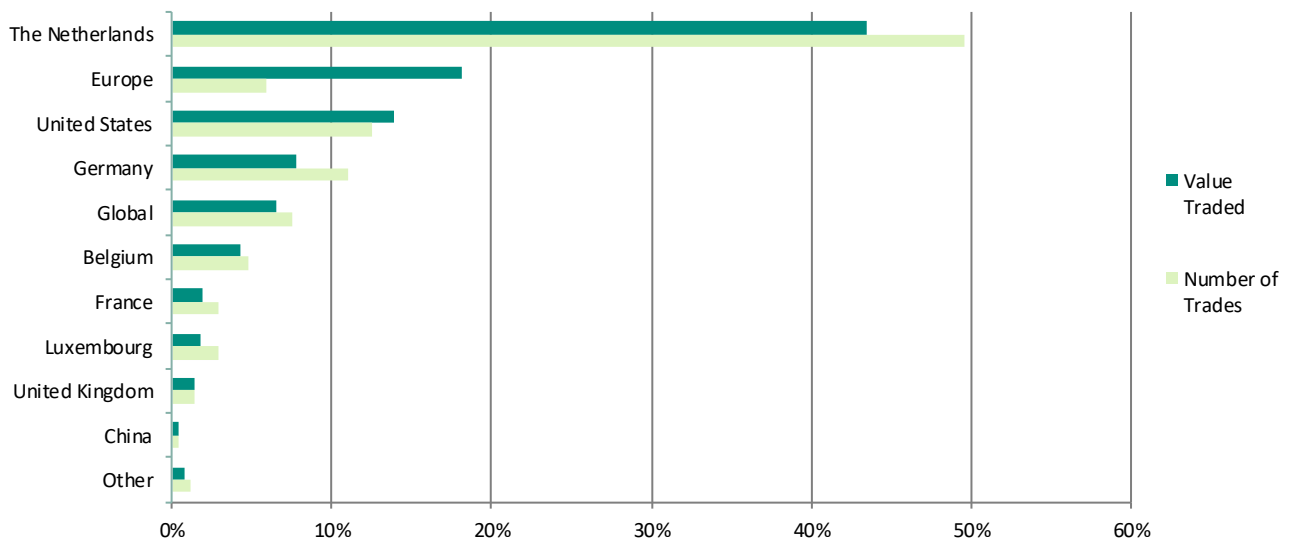
Market Overview

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 | 9,294 | 0.6% | -12.6% | 43.4% | 3,886 | -1.4% | -1.1% | 49.7% |
| Europe | 3,874 | 83% | 20% | 18.1% | 463 | -44% | -49% | 5.9% |
| United States | 2,981 | 76% | 19.9% | 13.9% | 978 | 14.8% | 9.2% | 12.5% |
| Germany | 1,669 | 14.8% | 3.9% | 7.8% | 861 | 64% | 434% | 11.0% |
| Global | 1,387 | 0.5% | -0.5% | 6.5% | 587 | 340% | 23% | 7.5% |
| Belgium | 907 | 27% | 9.7% | 4.2% | 373 | 22% | 15.6% | 4.8% |
| France | 391 | -28% | -18.1% | 1.8% | 223 | 6.2% | -8.1% | 2.8% |
| Luxembourg | 383 | 8.3% | -3.7% | 1.8% | 225 | 1.1% | 25% | 2.9% |
| United Kingdom | 283 | -0.1% | -7.4% | 1.3% | 105 | 17.4% | 22% | 1.3% |
| China | 71 | 84% | 70% | 0.3% | 35 | 133% | 194% | 0.4% |
| Other | 157 | 29% | -19.0% | 0.7% | 88 | 33% | 3.6% | 1.1% |
| Total | 21,397 | 19.3% | -0.9% | 100% | 7,824 | 8.9% | 7.3% | 100% |

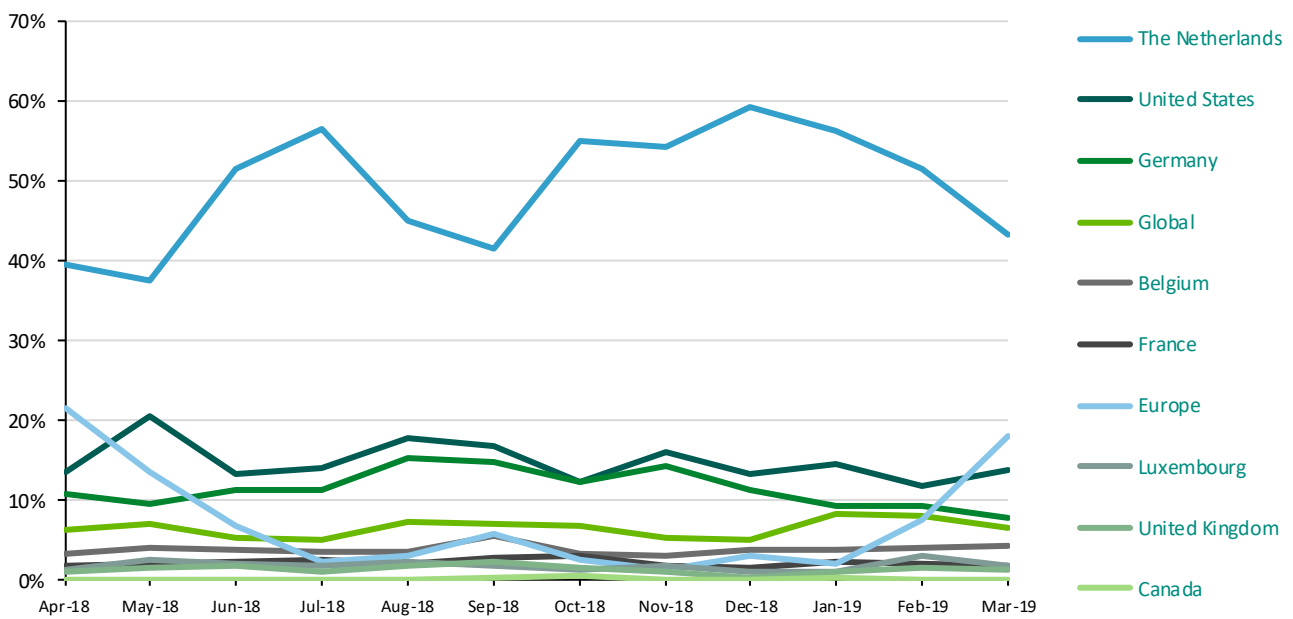
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

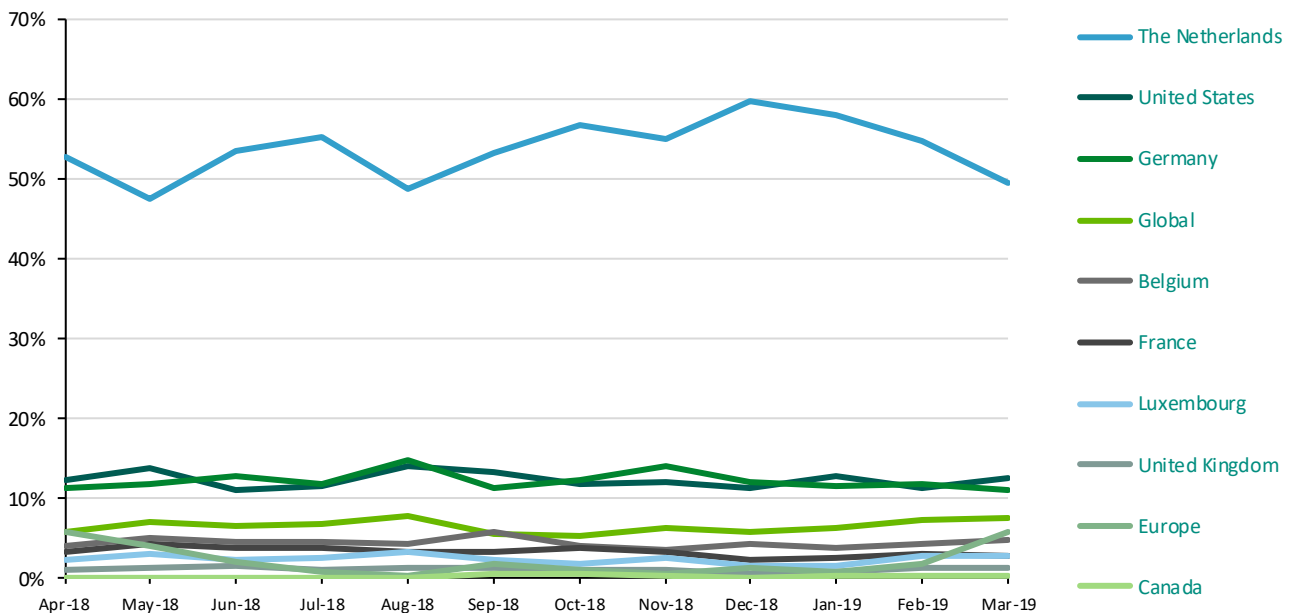
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

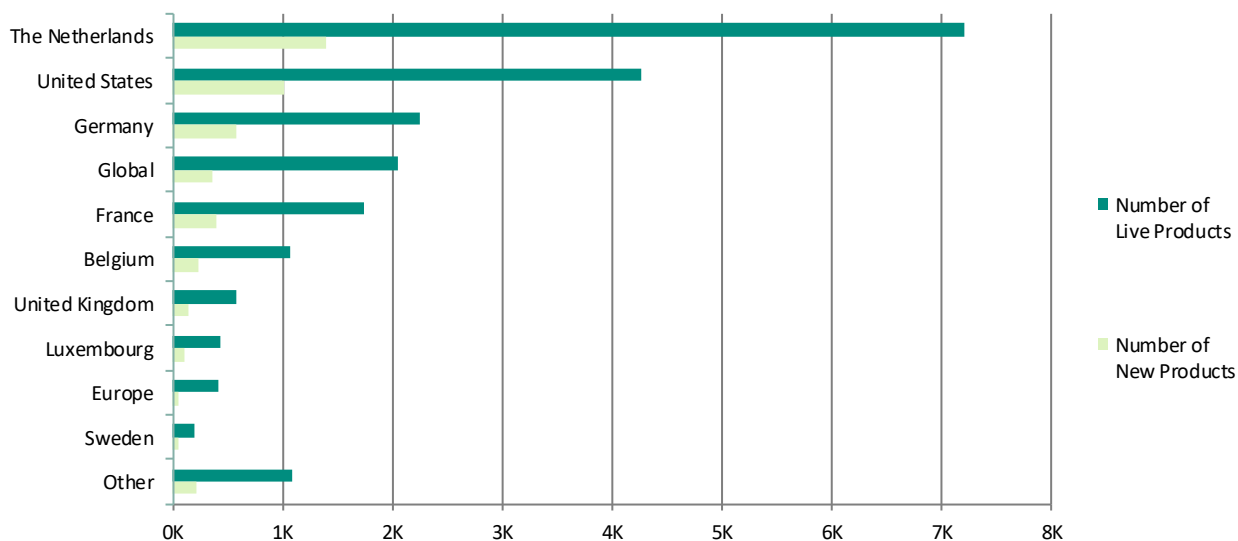
Product Overview

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

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

| Underlying Countries | Number of Live Products | | | | Number of New Products | | | |
|----------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| The Netherlands | 7,207 | -0.3% | -1.8% | 33.8% | 1,403 | -13.6% | -15.8% | 31.0% |
| United States | 4,265 | 1.0% | 11.0% | 20.0% | 1,010 | 3.6% | -10.2% | 22.3% |
| Germany | 2,250 | 0.1% | -3.2% | 10.6% | 575 | 36% | 2.7% | 12.7% |
| Global | 2,045 | -0.3% | 0.7% | 9.6% | 356 | 24% | -0.9% | 7.9% |
| France | 1,743 | -0.3% | 1.1% | 8.2% | 401 | 21% | 1.6% | 8.9% |
| Belgium | 1,065 | 0.8% | 3.4% | 5.0% | 236 | 70% | 19.9% | 5.2% |
| United Kingdom | 570 | 3.0% | 6.3% | 2.7% | 141 | 25% | 22% | 3.1% |
| Luxembourg | 440 | -8.9% | -15.0% | 2.1% | 107 | -36% | -40% | 2.4% |
| Europe | 413 | -2.8% | 2.1% | 1.9% | 45 | 67% | 6.1% | 1.0% |
| Sweden | 203 | 0.5% | 7.4% | 1.0% | 48 | 0.0% | 6.1% | 1.1% |
| Other | 1,091 | 0.3% | 7.9% | 5.1% | 207 | 75% | 13.5% | 4.6% |
| Total | 21,291 | -0.1% | 1.6% | 100% | 4,529 | 6.5% | -6.9% | 100% |

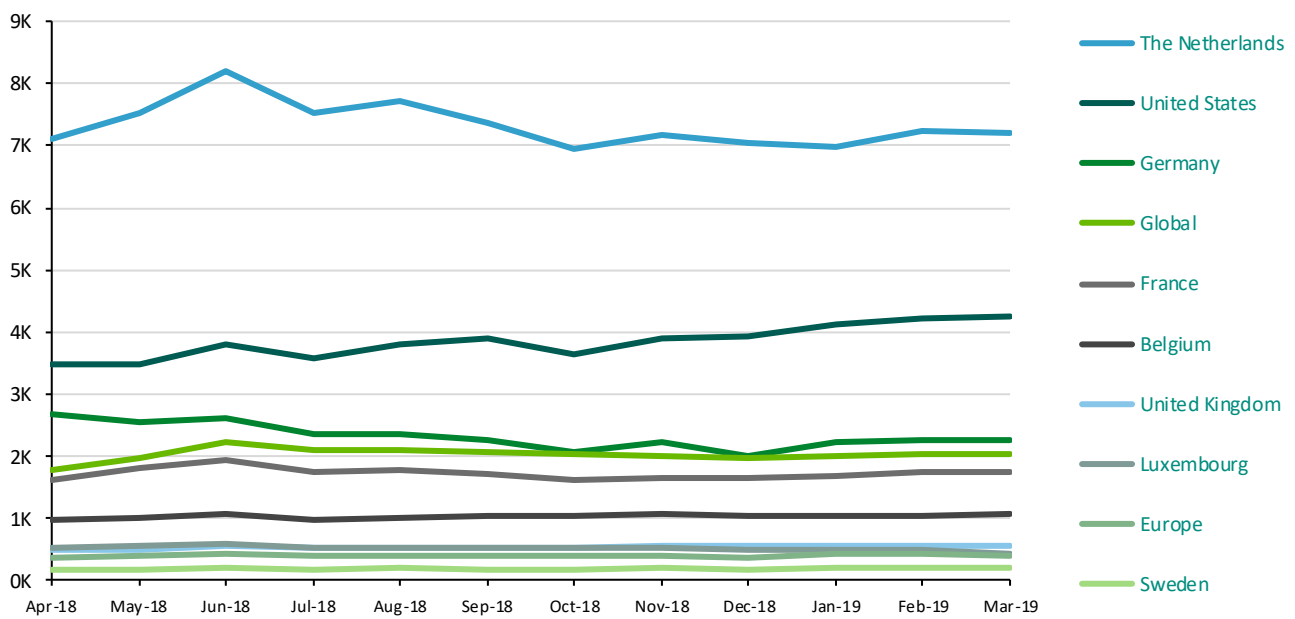
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

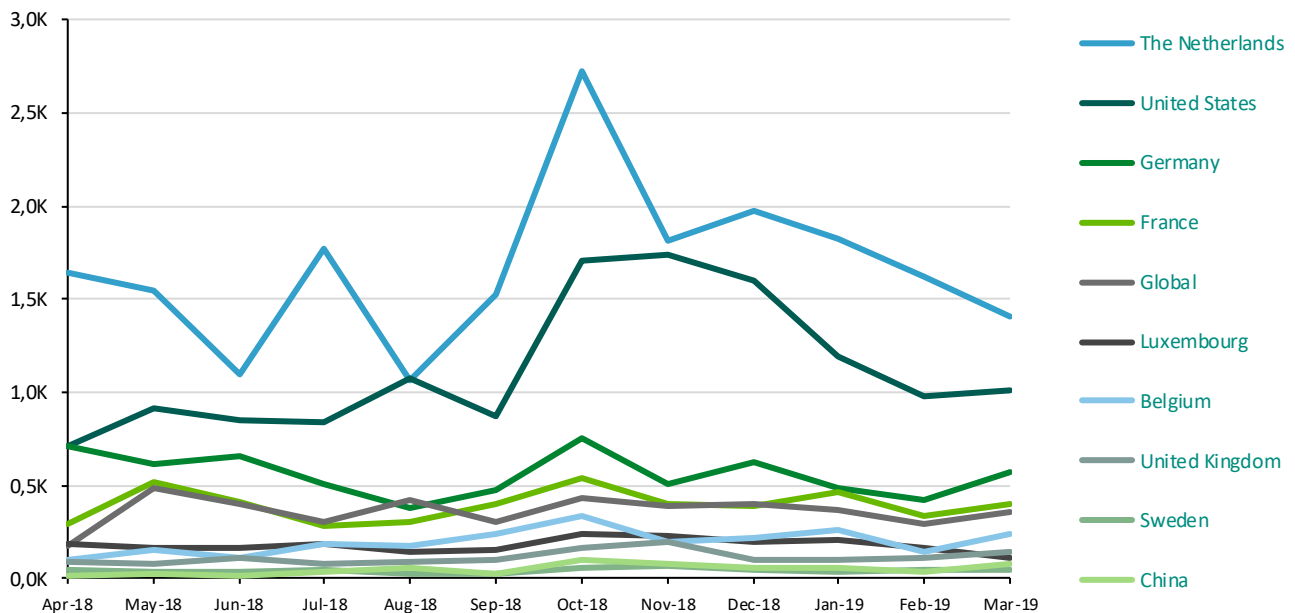
Product Trend: Number of Live Products

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

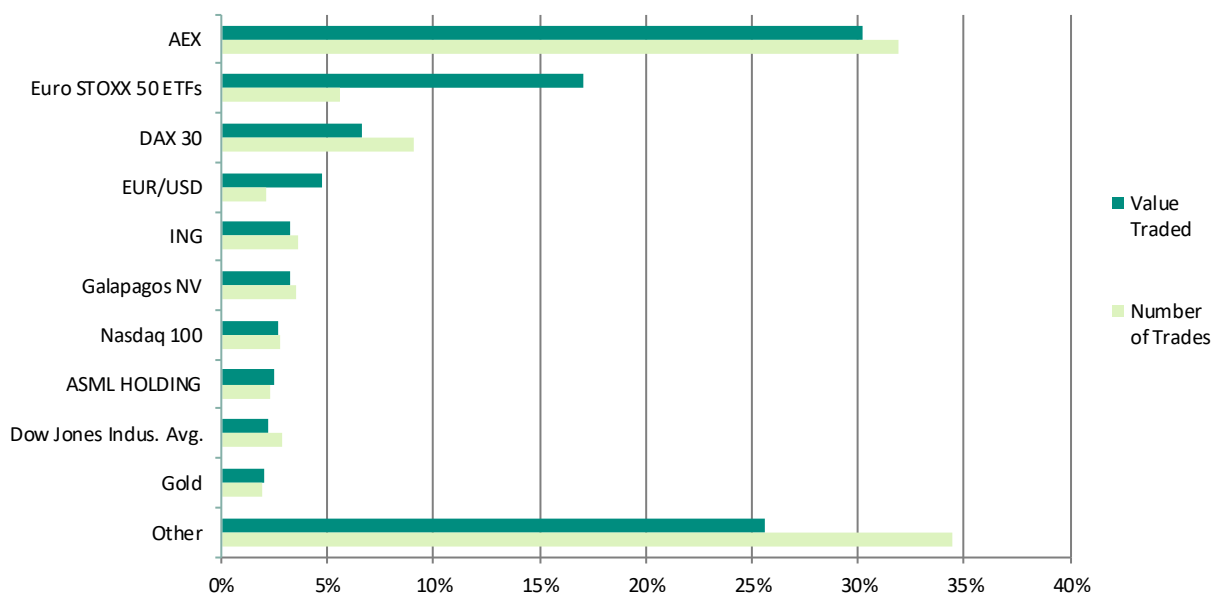
Market Overview

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 | 6,457 | 2.5% | -11.4% | 30.2% | 2,499 | 6.1% | 1.2% | 31.9% |
| Euro STOXX 50 ETFs | 3,640 | 144% | 63% | 17.0% | 438 | -40% | -44% | 5.6% |
| DAX 30 | 1,420 | 15.7% | -1.2% | 6.6% | 707 | 567% | 208% | 9.0% |
| EUR/USD | 1,020 | 27% | -27% | 4.8% | 164 | 4.3% | 21% | 2.1% |
| ING | 697 | 26% | -3.0% | 3.3% | 280 | 47% | 17.8% | 3.6% |
| Galapagos NV | 686 | 35% | 22% | 3.2% | 275 | 131% | 64% | 3.5% |
| Nasdaq 100 | 565 | 20.0% | 11.0% | 2.6% | 218 | 24% | 10.7% | 2.8% |
| ASML HOLDING | 540 | 15.9% | 13.1% | 2.5% | 180 | -9.8% | 1.7% | 2.3% |
| Dow Jones Indus. Avg. | 472 | 2.2% | 6.1% | 2.2% | 221 | 21% | 30% | 2.8% |
| Gold | 421 | 0.6% | 4.2% | 2.0% | 151 | -26% | 31% | 1.9% |
| Other | 5,479 | 4.6% | -10.5% | 25.6% | 2,692 | -2.7% | 3.0% | 34.4% |
| Total | 21,397 | 19.3% | -0.9% | 100% | 7,824 | 8.9% | 7.3% | 100% |

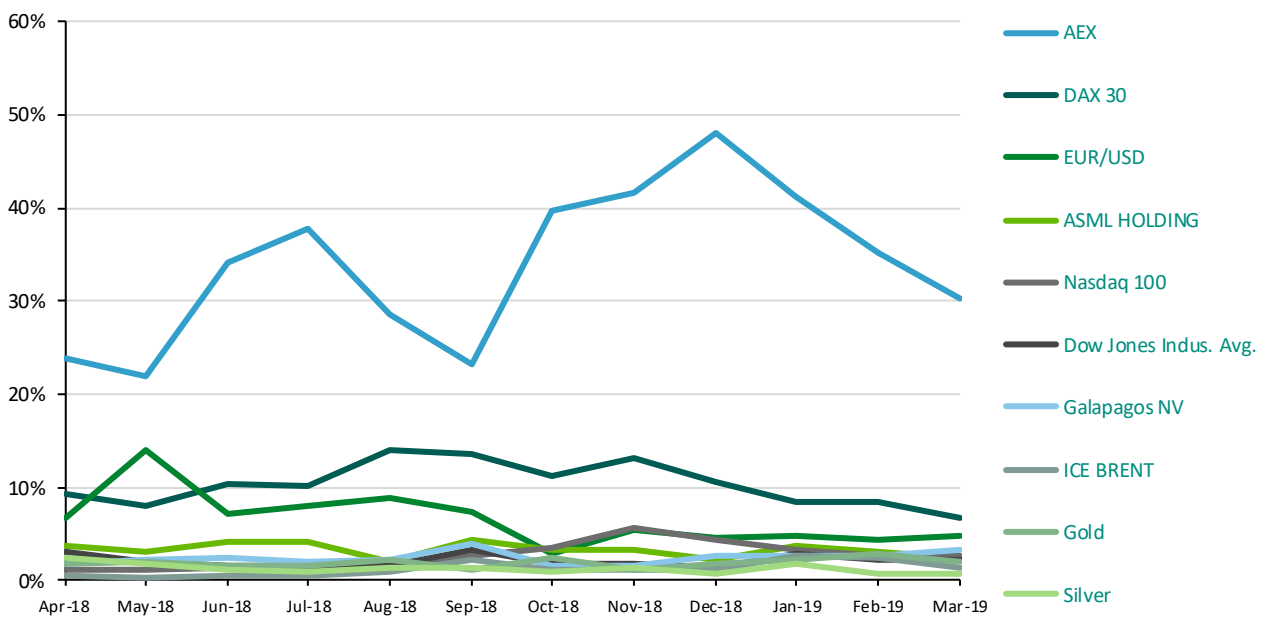
(Source Euronext)



TOP 10 UNDERLYINGS

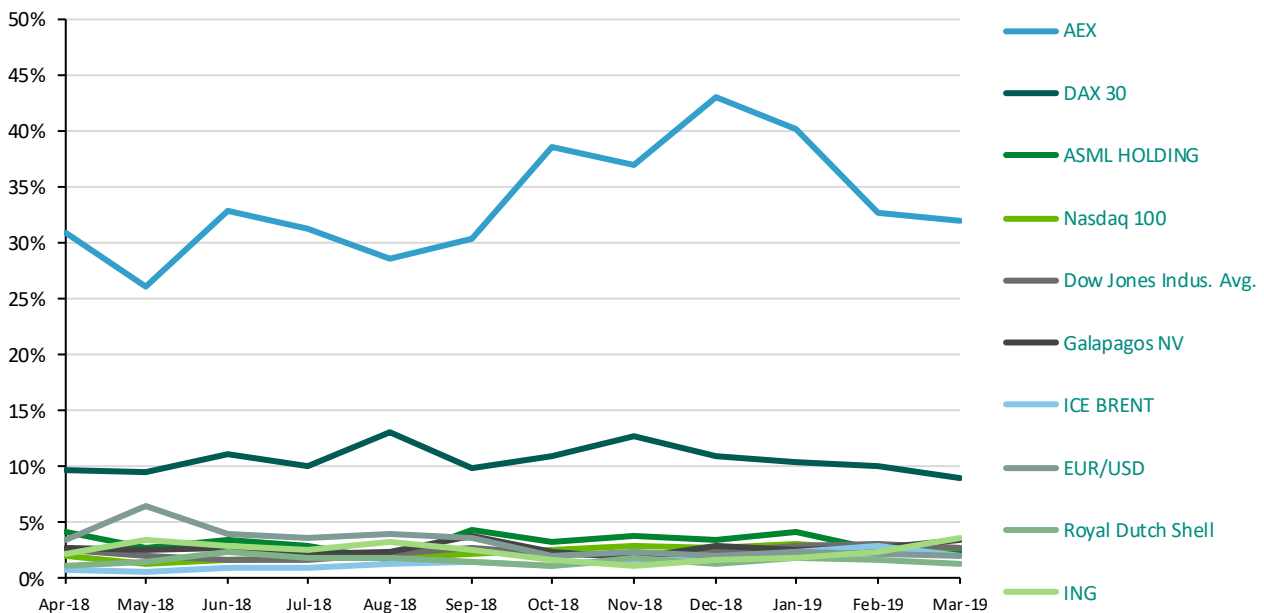
Market Trend: Value traded

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

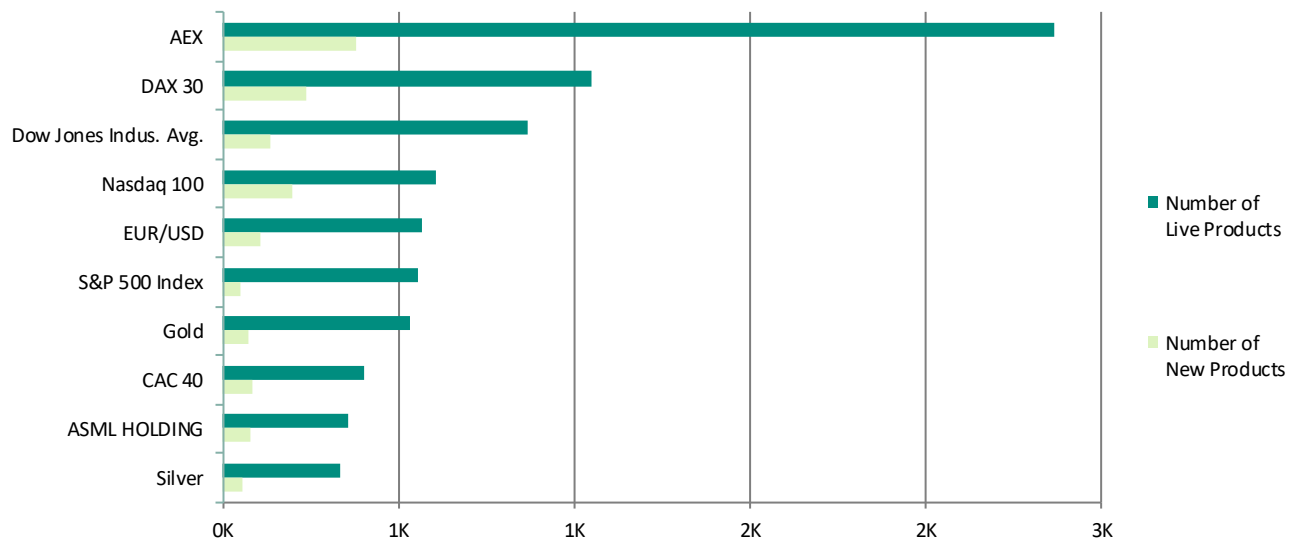
Product Overview

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 | 2,369 | -2.8% | -5.1% | 11.1% | 380 | -35% | -40% | 8.4% |
| DAX 30 | 1,047 | -1.9% | -4.4% | 4.9% | 237 | 0.0% | -32% | 5.2% |
| Dow Jones Indus. Avg. | 867 | 4.6% | 15.7% | 4.1% | 135 | -44% | -46% | 3.0% |
| Nasdaq 100 | 606 | 1.3% | 25% | 2.8% | 196 | 34% | 11.8% | 4.3% |
| EUR/USD | 567 | -2.4% | -10.8% | 2.7% | 105 | 36% | -18.2% | 2.3% |
| S&P 500 Index | 553 | -0.1% | 9.2% | 2.6% | 51 | -47% | -44% | 1.1% |
| Gold | 530 | -0.3% | -0.2% | 2.5% | 70 | 25% | 8.4% | 1.5% |
| CAC 40 | 399 | 1.2% | -8.5% | 1.9% | 84 | 18.3% | -27% | 1.9% |
| ASML HOLDING | 355 | 1.1% | -2.8% | 1.7% | 79 | 39% | -16.5% | 1.7% |
| Silver | 336 | -2.7% | 8.0% | 1.6% | 53 | 23% | 4.6% | 1.2% |
| Other | 13,663 | 0.4% | 2.5% | 64.2% | 3,139 | 18.7% | 7.8% | 69.3% |
| Total | 21,291 | -0.1% | 1.6% | 100% | 4,529 | 6.5% | -6.9% | 100% |

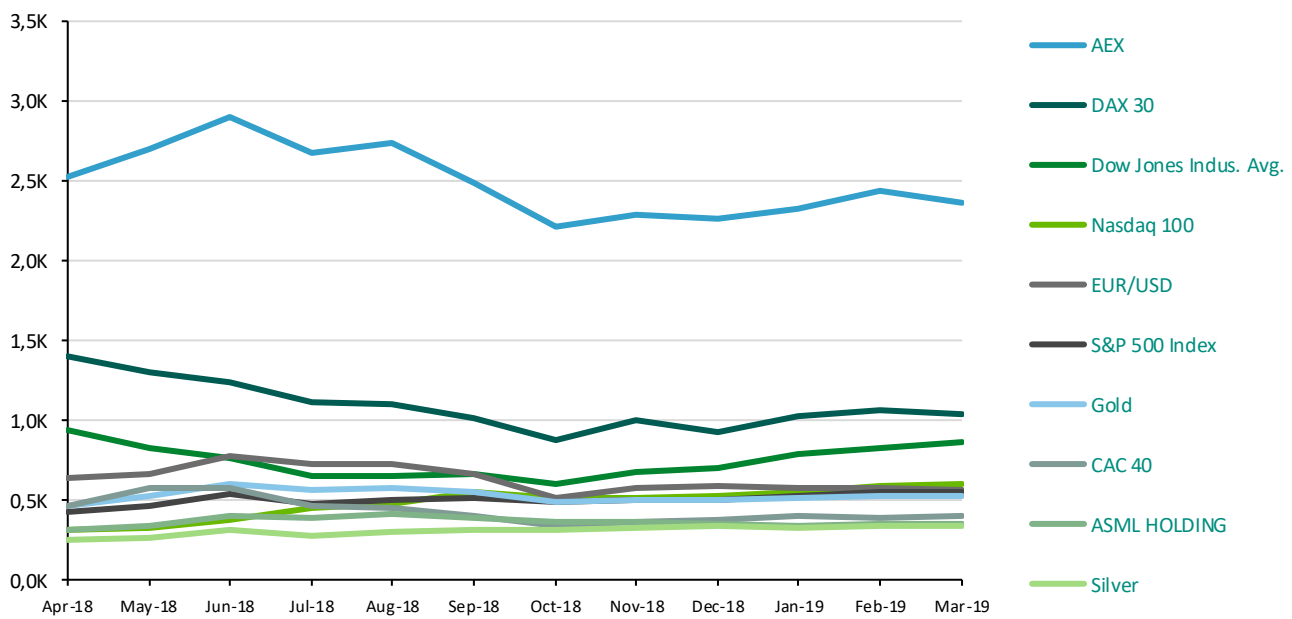
(Source Euronext)



TOP 10 UNDERLYINGS

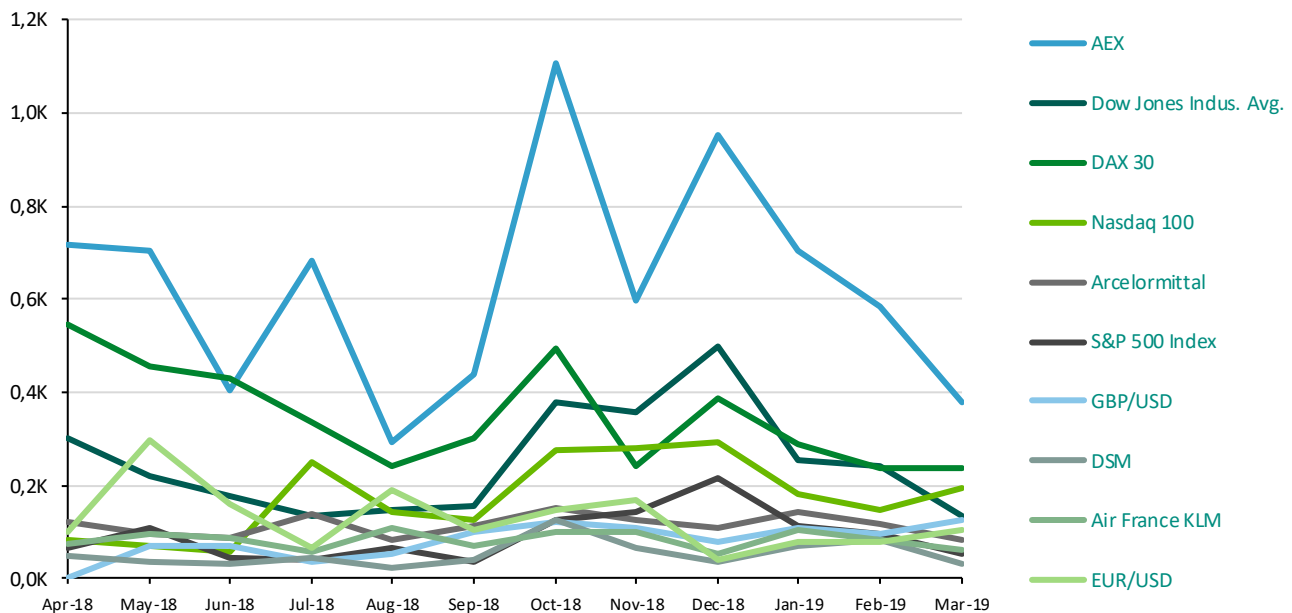
Product Trend: Number of Live Products

The historical graph below displays the daily average number of live products for each top 10 underlying on Euronext 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 |
|--------------|---------------|------|-----------------------------|-----------------------|----------------------|--------------|
| NL0013325319 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 103,915 | 11,576 |
| NL0013325301 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 24,099 | 3,084 |
| NL0013325293 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 14,247 | 2,044 |
| NL0012902571 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 12,578 | 934 |
| NL0012586895 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 8,059 | 76 |
| NL0012902514 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 6,186 | 872 |
| NL0013283260 | BNP Paribas | 2210 | Mini-Futures | EUR/USD | 5,575 | 332 |
| NL0013276843 | BNP Paribas | 2210 | Mini-Futures | Gold | 5,244 | 392 |
| NL0012994610 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | AEX | 5,203 | 1,650 |
| NL0012265425 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | AEX | 5,034 | 2,292 |
| NL0013385305 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,945 | 392 |
| NL0013245418 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,940 | 46 |
| NL0013303134 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 4,883 | 374 |
| NL0013366743 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | AEX | 4,837 | 1,090 |
| NL0013294945 | BNP Paribas | 2210 | Mini-Futures | EUR/USD | 4,749 | 310 |
| NL0012862700 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,226 | 764 |
| NL0012895270 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | AEX | 4,200 | 344 |
| NL0013293707 | BNP Paribas | 2210 | Mini-Futures | AEX | 4,009 | 506 |
| NL0013290786 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | Royal Dutch Shell | 4,002 | 1,004 |
| NL0013204654 | ING | 2205 | Open-End Knock-Out Warrants | ICE BRENT | 3,842 | 1,046 |
| NL0013297518 | BNP Paribas | 2210 | Mini-Futures | AEX | 3,606 | 348 |
| NL0013366198 | BNP Paribas | 2210 | Mini-Futures | AEX | 3,422 | 660 |
| NL0011850466 | ING | 2205 | Open-End Knock-Out Warrants | ING | 3,307 | 992 |
| DE000CD633E4 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Arcelormittal | 3,256 | 668 |
| NL0012100606 | BNP Paribas | 2210 | Mini-Futures | Galapagos NV | 3,212 | 146 |
| DE000CQ5BSP4 | Citi | 2205 | Open-End Knock-Out Warrants | AEX | 3,090 | 1,932 |
| NL0013363278 | BNP Paribas | 2210 | Mini-Futures | AEX | 3,002 | 448 |
| NL0013235112 | Goldman Sachs | 2210 | Mini-Futures | AEX | 2,877 | 240 |
| NL0013085491 | Goldman Sachs | 2205 | Open-End Knock-Out Warrants | DAX 30 | 2,847 | 990 |
| NL0013003924 | BNP Paribas | 2210 | Mini-Futures | S&P 500 Index | 2,766 | 14 |
| NL0013152374 | BNP Paribas | 2210 | Mini-Futures | EUR/USD | 2,715 | 242 |
| NL0012983282 | BNP Paribas | 1250 | Capped Bonus Certificates | Euro STOXX 50 | 2,695 | 60 |
| NL0013201817 | ING | 2210 | Mini-Futures | GBP/USD | 2,680 | 766 |
| NL0013293038 | BNP Paribas | 2210 | Mini-Futures | AEX | 2,672 | 3,924 |
| NL0012988828 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | AEX | 2,629 | 1,446 |
| NL0012818447 | ING | 2100 | Warrants | Euro STOXX 50 ETFs | 2,565 | 560 |
| NL0013188667 | Goldman Sachs | 2210 | Mini-Futures | AEX | 2,554 | 3,808 |
| NL0013282874 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | ING | 2,541 | 290 |
| NL0012989016 | BNP Paribas | 2210 | Mini-Futures | AEX | 2,539 | 672 |
| NL0013003791 | BNP Paribas | 2210 | Mini-Futures | AEX | 2,529 | 72 |
| NL0012980098 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | Nasdaq 100 | 2,528 | 1,486 |
| NL0011853122 | ING | 2205 | Open-End Knock-Out Warrants | Euro STOXX 50 | 2,527 | 72 |
| NL0013295587 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | Dow Jones Indus. Avg. | 2,445 | 644 |
| NL0012983290 | BNP Paribas | 1250 | Capped Bonus Certificates | Euro STOXX 50 | 2,437 | 46 |
| NL0012262042 | BNP Paribas | 2210 | Mini-Futures | AEX | 2,406 | 264 |
| NL0013291685 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | Dow Jones Indus. Avg. | 2,322 | 1,084 |
| NL0012102545 | BNP Paribas | 2210 | Mini-Futures | EUR/USD | 2,306 | 156 |
| DE000CV89XB0 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Tesla Motors Inc | 2,270 | 350 |
| NL0013288285 | BNP Paribas | 2210 | Mini-Futures | ASML HOLDING | 2,240 | 196 |
| NL0013366974 | BNP Paribas | 2205 | Open-End Knock-Out Warrants | ASML HOLDING | 2,186 | 376 |

(Source Euronext)



Euronext Brussels

ISSUERS

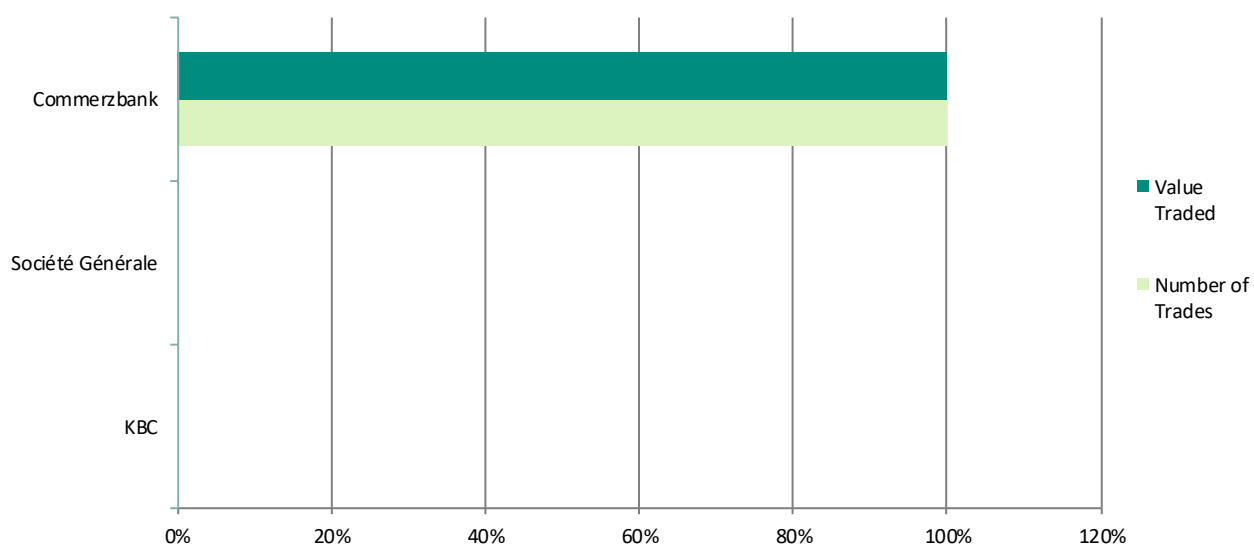
Market Overview

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 |
| Commerzbank | 304 | 4.4% | -38% | 100.0% | 192 | -0.6% | -15.9% | 100.0% |
| Société Générale | 0 | -100% | -100% | 0.0% | 0.0 | -100.0% | -100.0% | 0.0% |
| KBC | 0 | | -100% | 0.0% | 0.0 | | -100.0% | 0.0% |
| Total | 304 | 0.2% | -46.3% | 100% | 192 | -1.3% | -16.3% | 100% |

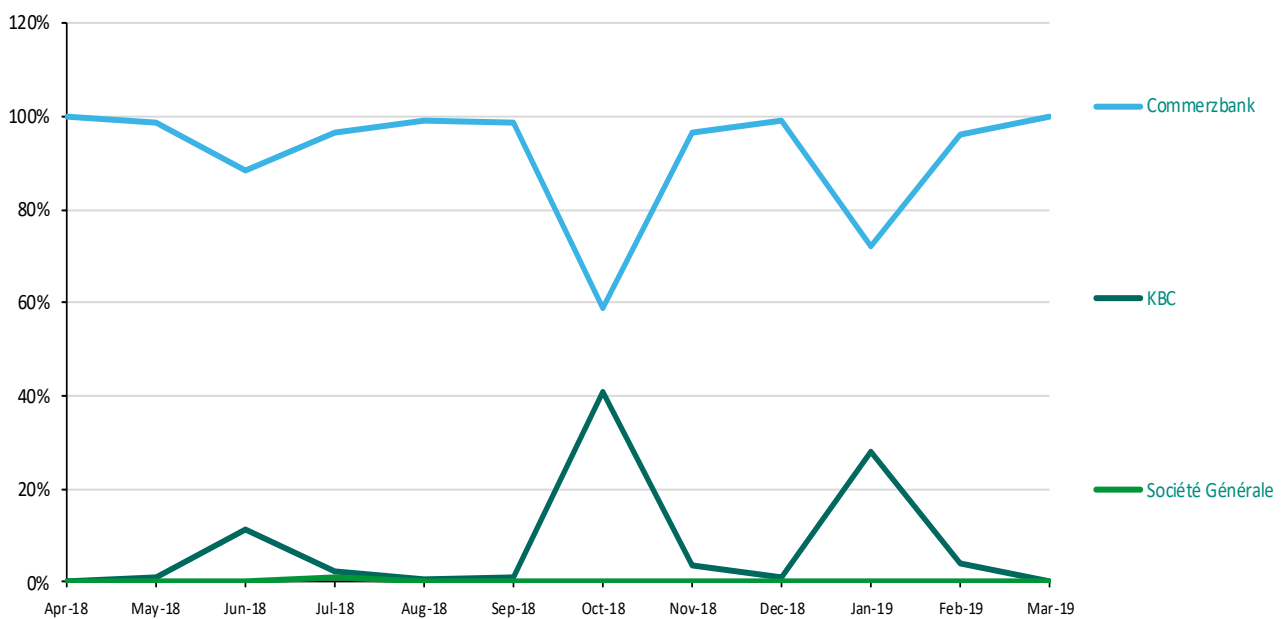
(Source Euronext)



ISSUERS

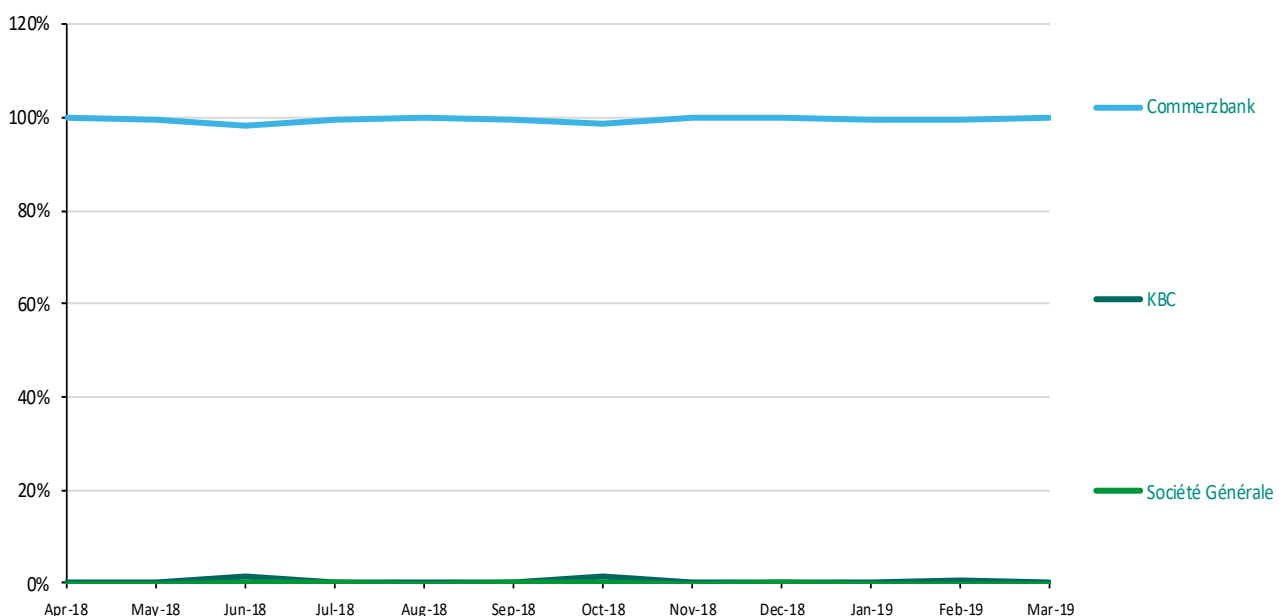
Market Trend: Value traded

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



Market Trend: Number of trades

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



ISSUERS

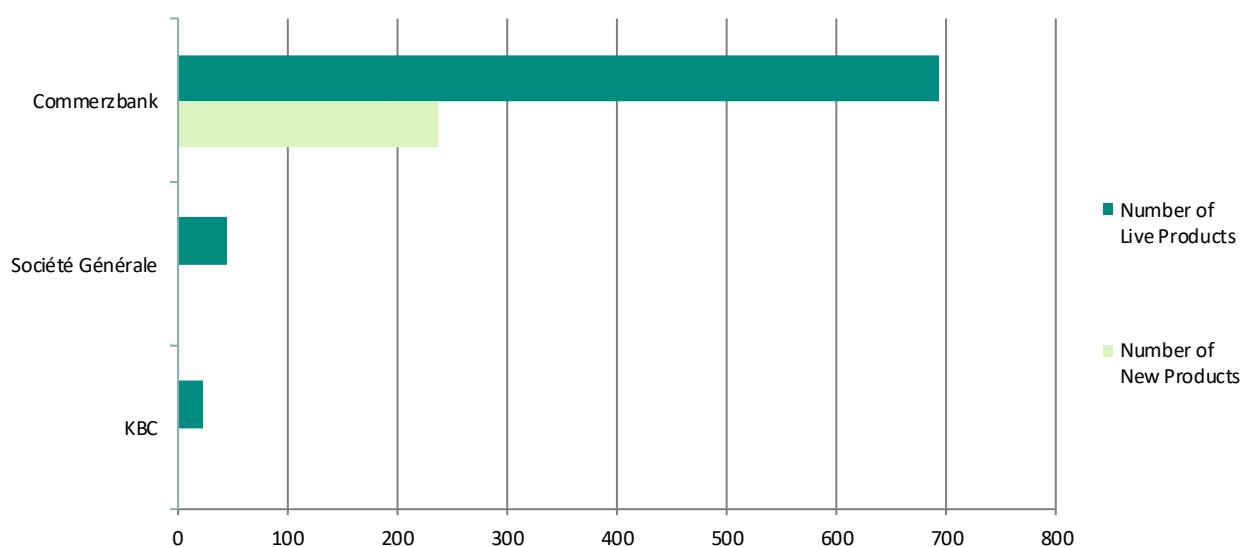
Product Overview

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

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

| Issuers | Number of Live Products | | | | Number of New Products | | | |
|------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Commerzbank | 694 | -11.9% | -13.5% | 91.0% | 238 | 66% | 7.9% | 99.6% |
| Société Générale | 45 | 0.0% | -8.2% | 5.9% | 0 | | | 0.0% |
| KBC | 23 | -9.0% | 7.4% | 3.1% | 1 | 0.0% | -54% | 0.4% |
| Total | 763 | -11.2% | -12.7% | 100% | 239 | 66.0% | 7.3% | 100% |

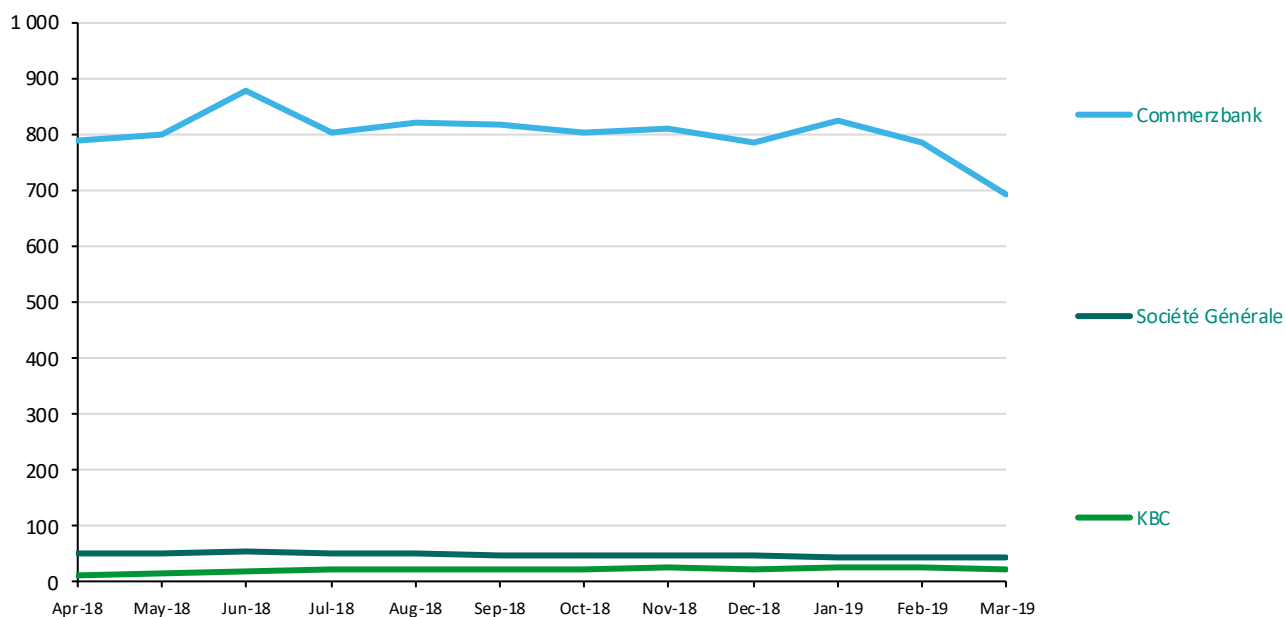
(Source Euronext)



ISSUERS

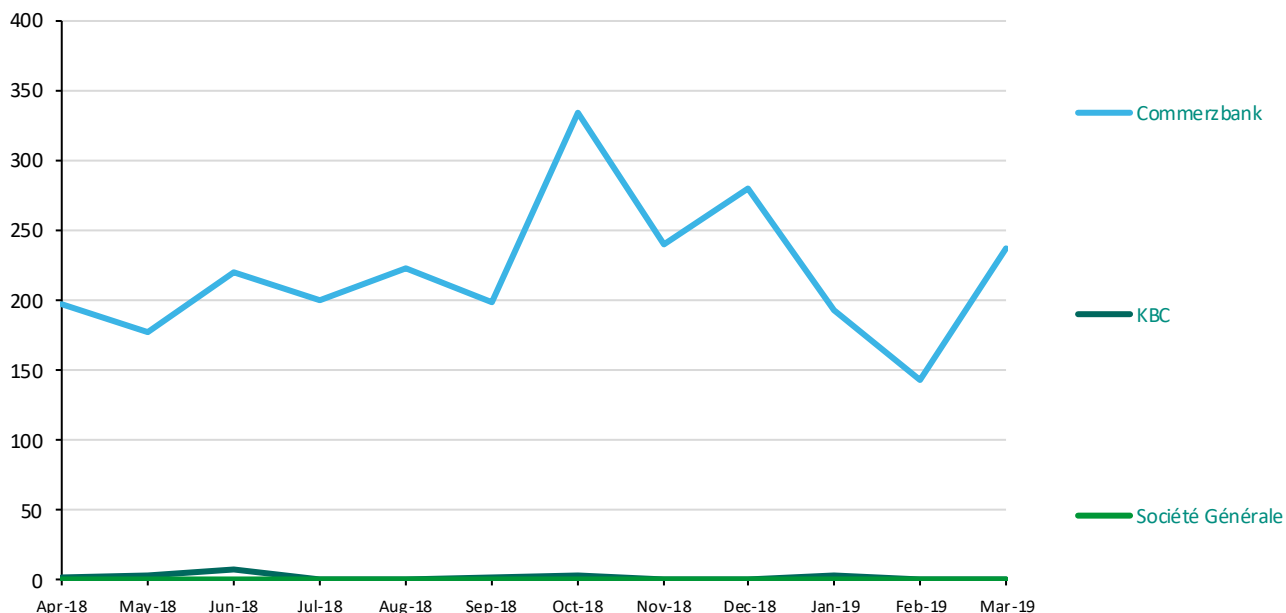
Product Trend: Number of Live Products

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

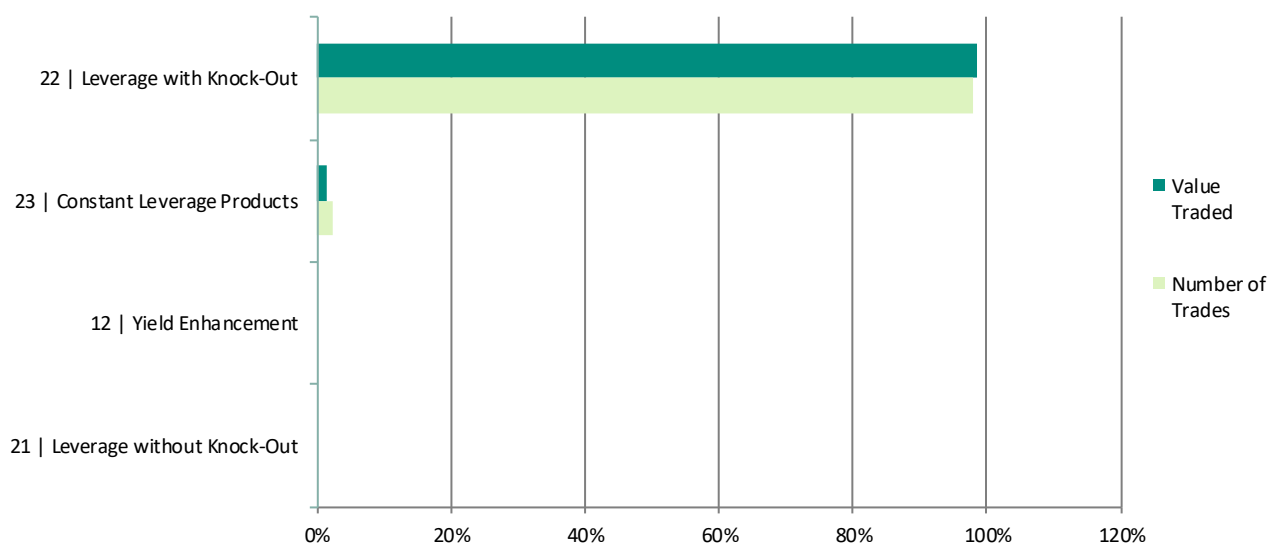
Market Overview

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 |
| 22 Leverage with Knock-Out | 300 | 3.9% | -37% | 98.7% | 188 | -1.5% | -15.8% | 97.8% |
| 23 Constant Leverage Products | 4 | -67% | -94% | 1.3% | 4.2 | 210.4% | NA | 2.2% |
| 12 Yield Enhancement | 0 | -100% | -100% | 0.0% | 0.0 | -100.0% | -100.0% | 0.0% |
| 21 Leverage without Knock-Out | 0 | | -100% | 0.0% | 0.0 | | -100.0% | 0.0% |
| Total | 304 | 0.2% | -46.3% | 100% | 192 | -1.3% | -16.3% | 100% |

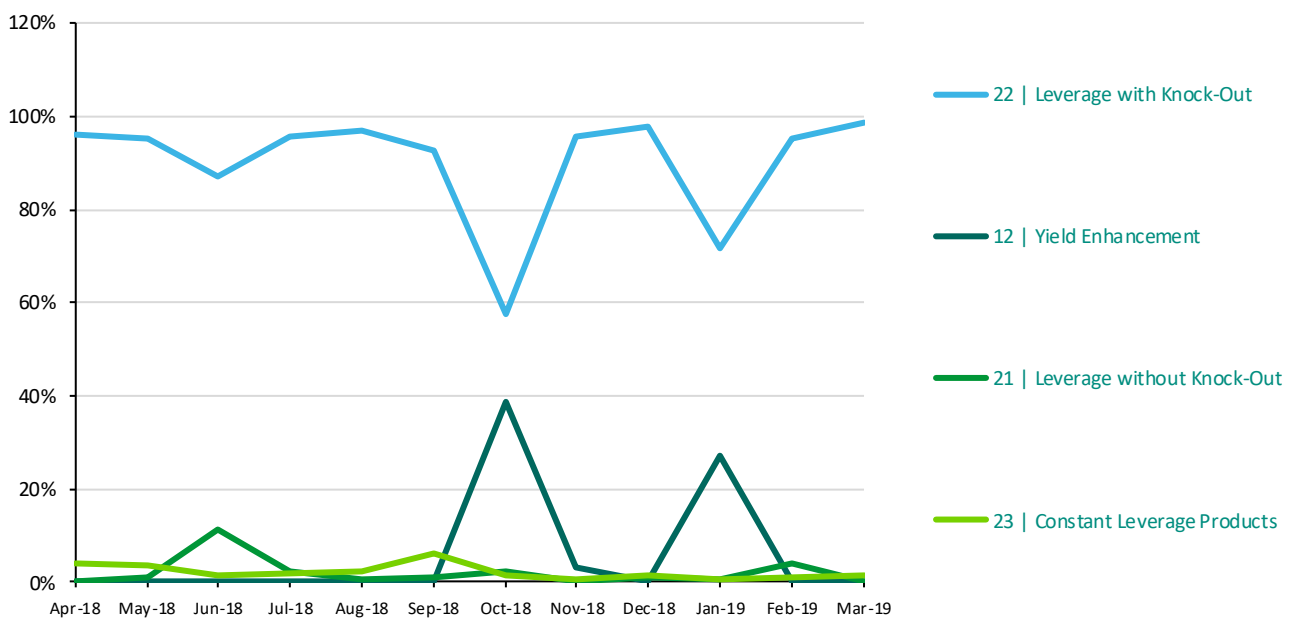
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

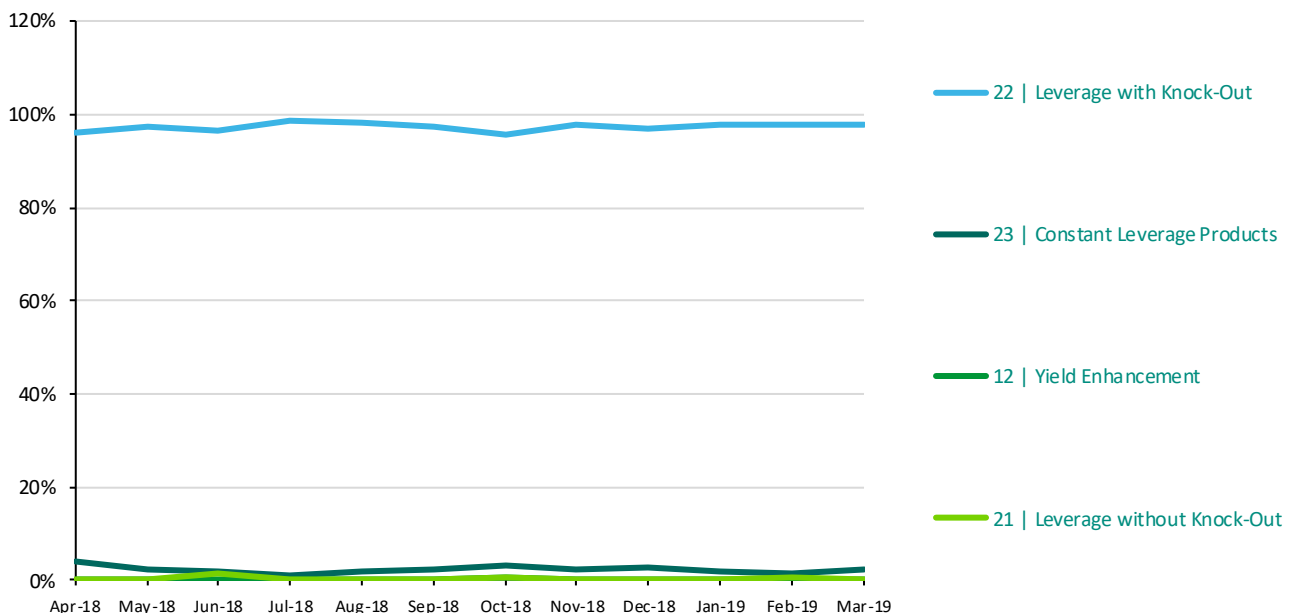
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

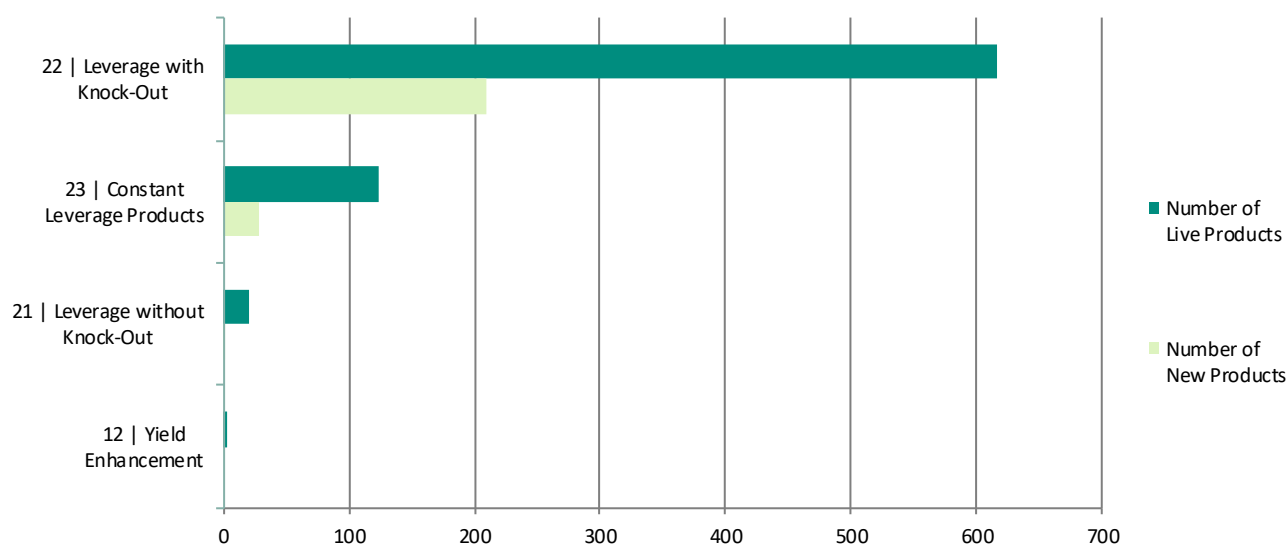
Product Overview

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

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

| Product Types (EUSIPA Categorization Level 2) | Number of Live Products | | | | Number of New Products | | | |
|--|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| 22 Leverage with Knock-Out | 616 | -14.4% | -16.2% | 80.8% | 209 | 46% | -3.9% | 87.4% |
| 23 Constant Leverage Products | 123 | 8.9% | 6.5% | 16.1% | 29 | | 867% | 12.1% |
| 21 Leverage without Knock-Out | 21 | -12.7% | -2.6% | 2.7% | 1 | 0.0% | -48% | 0.4% |
| 12 Yield Enhancement | 3 | 40% | 167% | 0.3% | 0 | | -100% | 0.0% |
| Total | 763 | -11.2% | -12.7% | 100% | 239 | 66.0% | 7.3% | 100% |

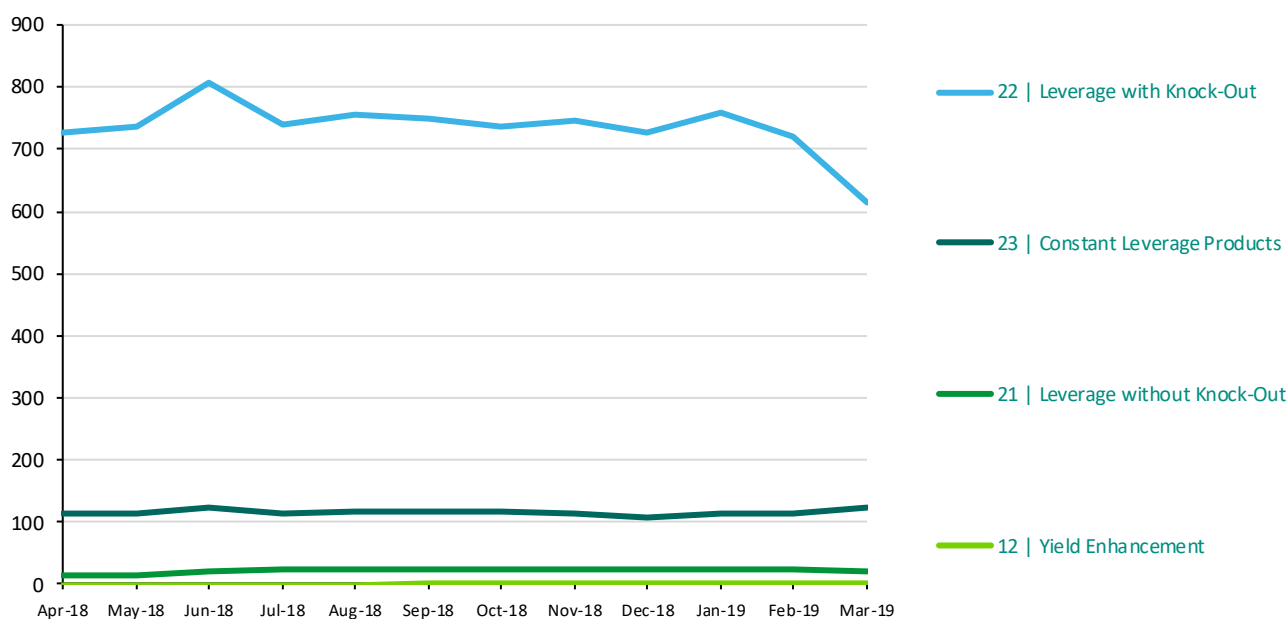
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

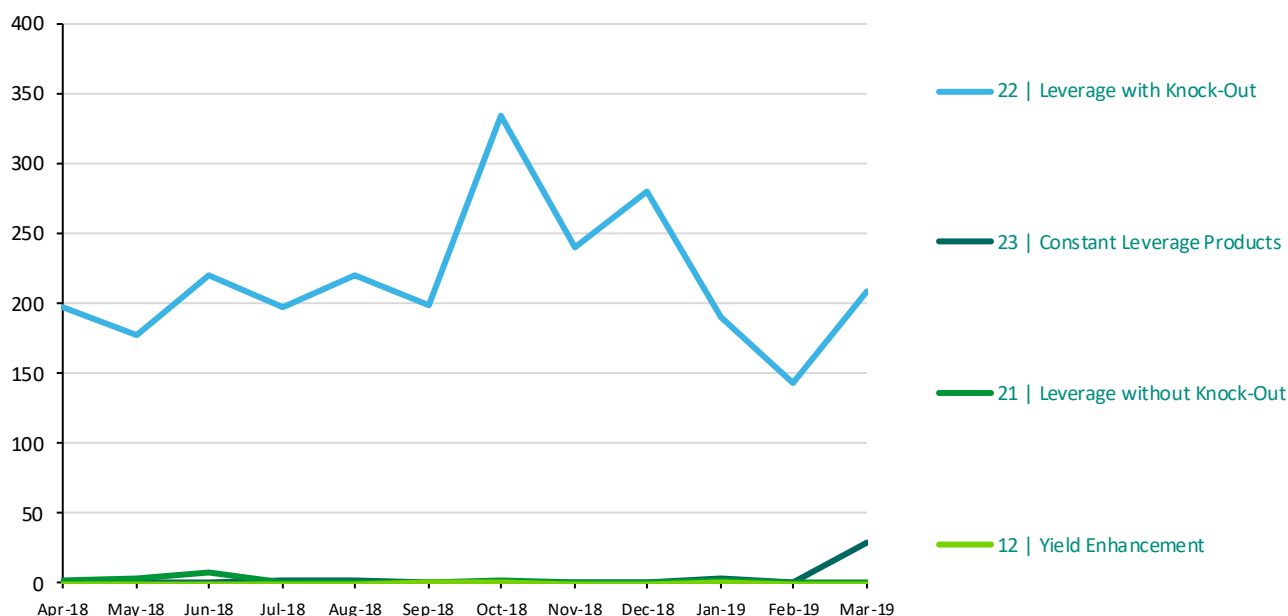
Product Trend: Number of Live Products

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)

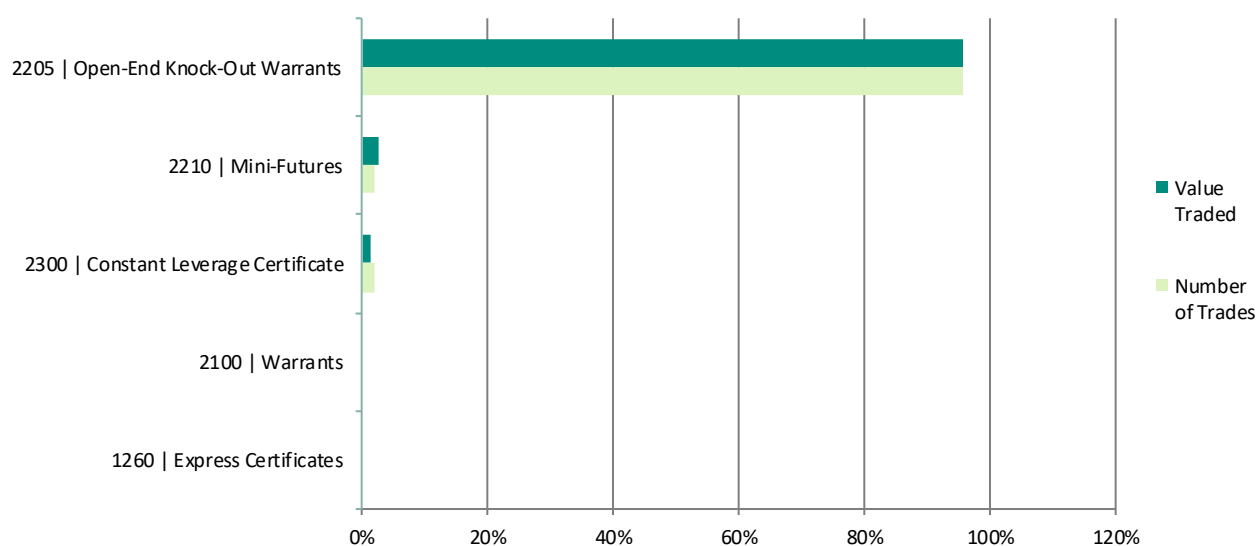
Market Overview

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 |
| 2205 Open-End Knock-Out Warrants | 291 | 4.1% | -38% | 95.9% | 184 | -2.7% | -16.0% | 95.7% |
| 2210 Mini-Futures | 8 | -32% | -88% | 2.7% | 4.1 | 207% | NA | 2.2% |
| 2300 Constant Leverage Certificate | 4 | -52% | -63% | 1.3% | 4.2 | 121% | -18.2% | 2.2% |
| 2100 Warrants | 0 | -100% | -100% | 0.0% | 0.0 | -100% | -100% | 0.0% |
| 1260 Express Certificates | 0 | | -100% | 0.0% | 0.0 | | -100% | 0.0% |
| Total | 304 | 0.2% | -46.3% | 100% | 192 | -1.3% | -16.3% | 100% |

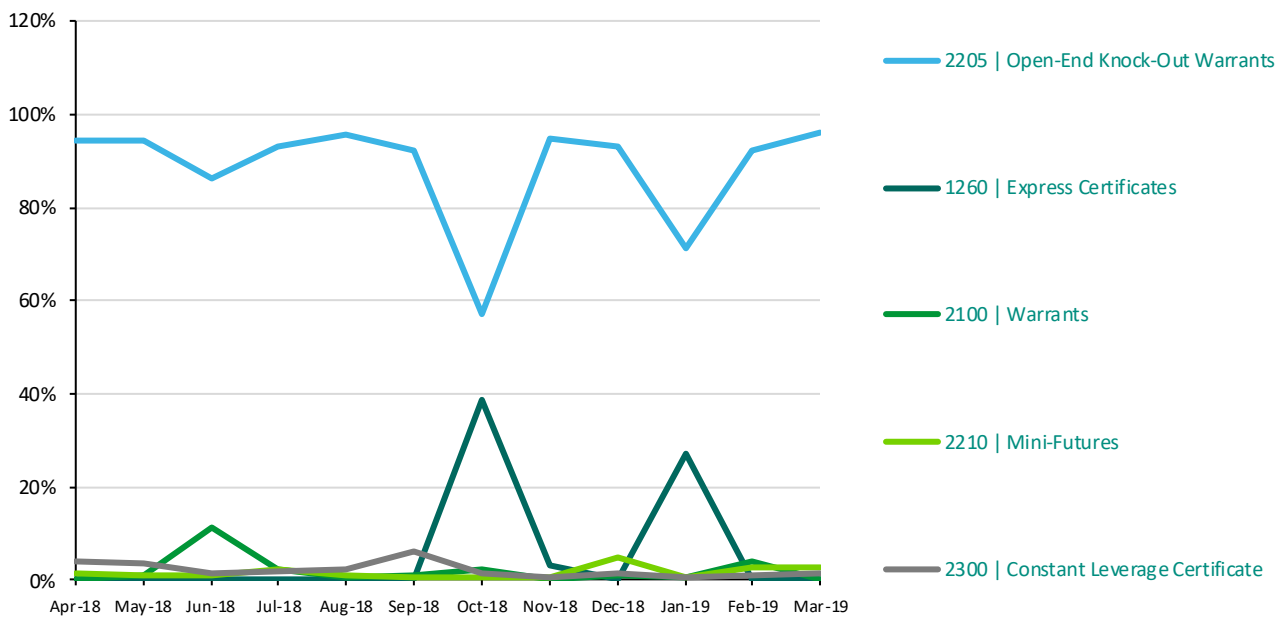
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

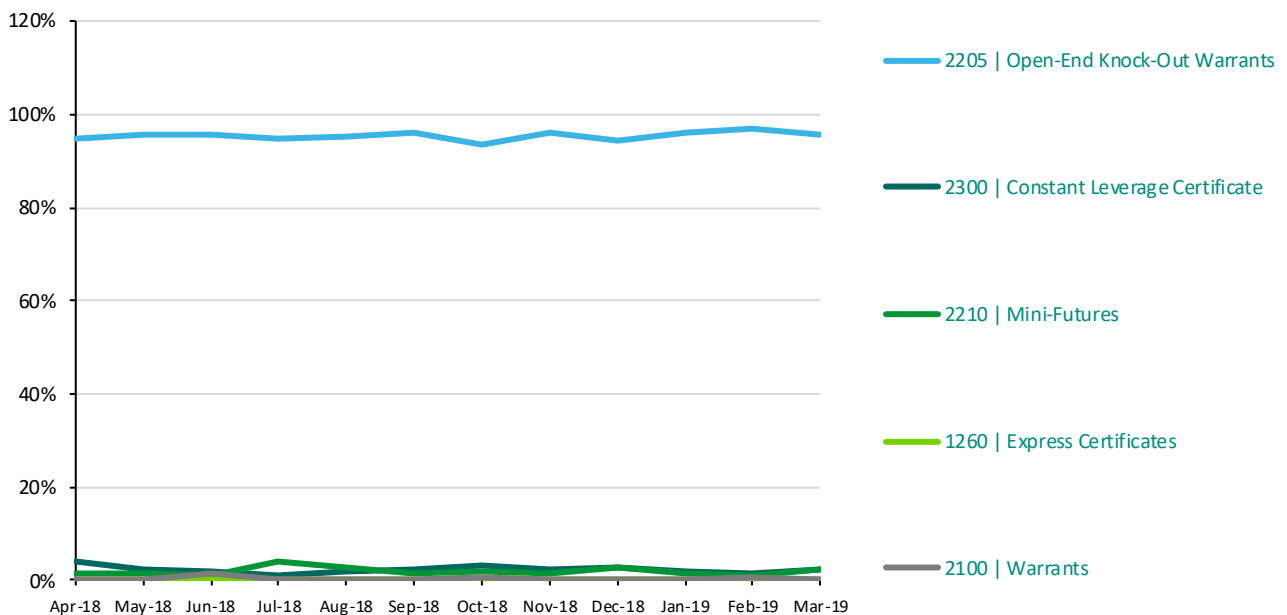
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

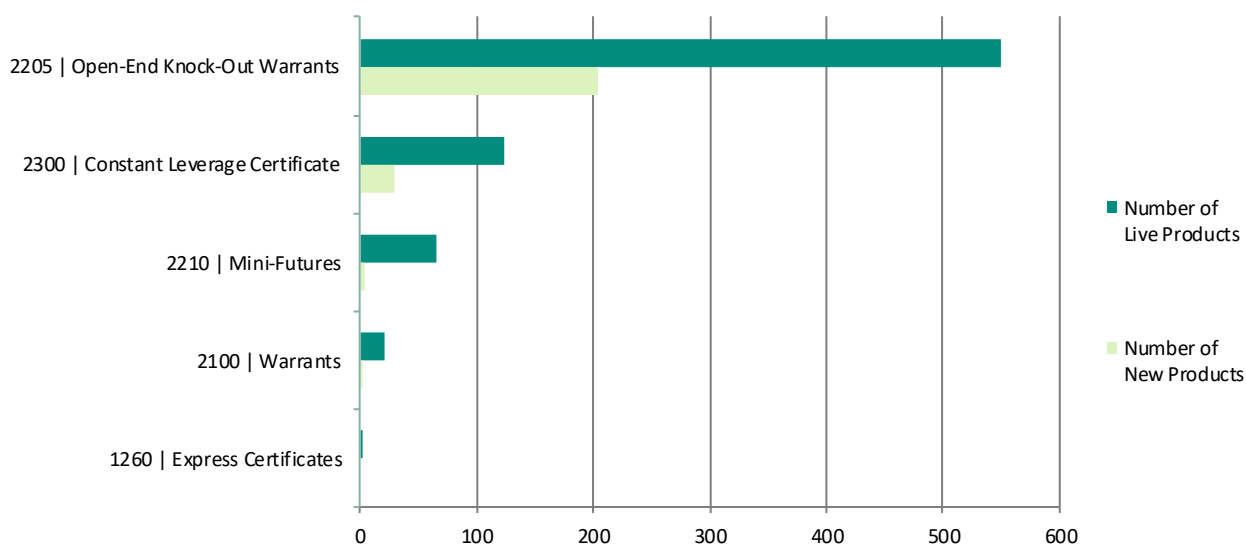
Product Overview

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

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

| Product Types (EUSIPA Categorization Level 3) | Number of Live Products | | | | Number of New Products | | | |
|--|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| 2205 Open-End Knock-Out Warrants | 550 | -14.2% | -14.1% | 72.1% | 205 | 46% | -4.1% | 85.8% |
| 2300 Constant Leverage Certificate | 123 | 8.9% | 6.5% | 16.1% | 29 | | 867% | 12.1% |
| 2210 Mini-Futures | 66 | -16.0% | -30% | 8.7% | 4 | 33% | 6.7% | 1.7% |
| 2100 Warrants | 21 | -12.7% | -2.6% | 2.7% | 1 | 0.0% | -48% | 0.4% |
| 1260 Express Certificates | 3 | 40% | 167% | 0.3% | 0 | | -100% | 0.0% |
| Total | 763 | -11.2% | -12.7% | 100% | 239 | 66.0% | 7.3% | 100% |

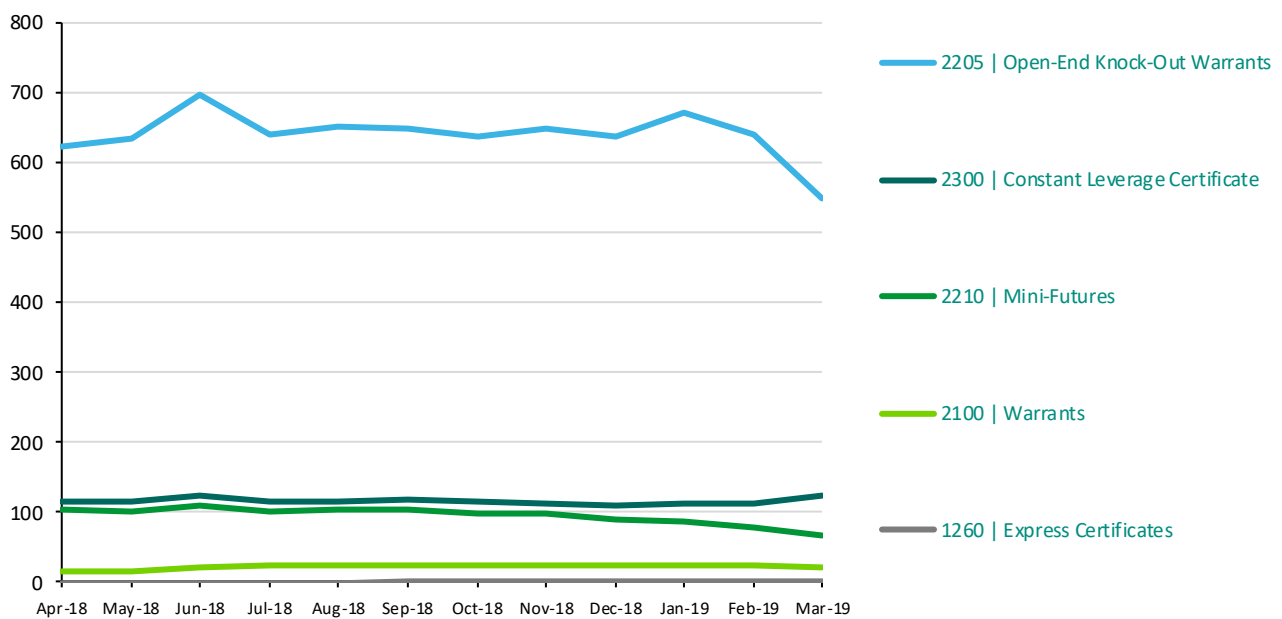
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

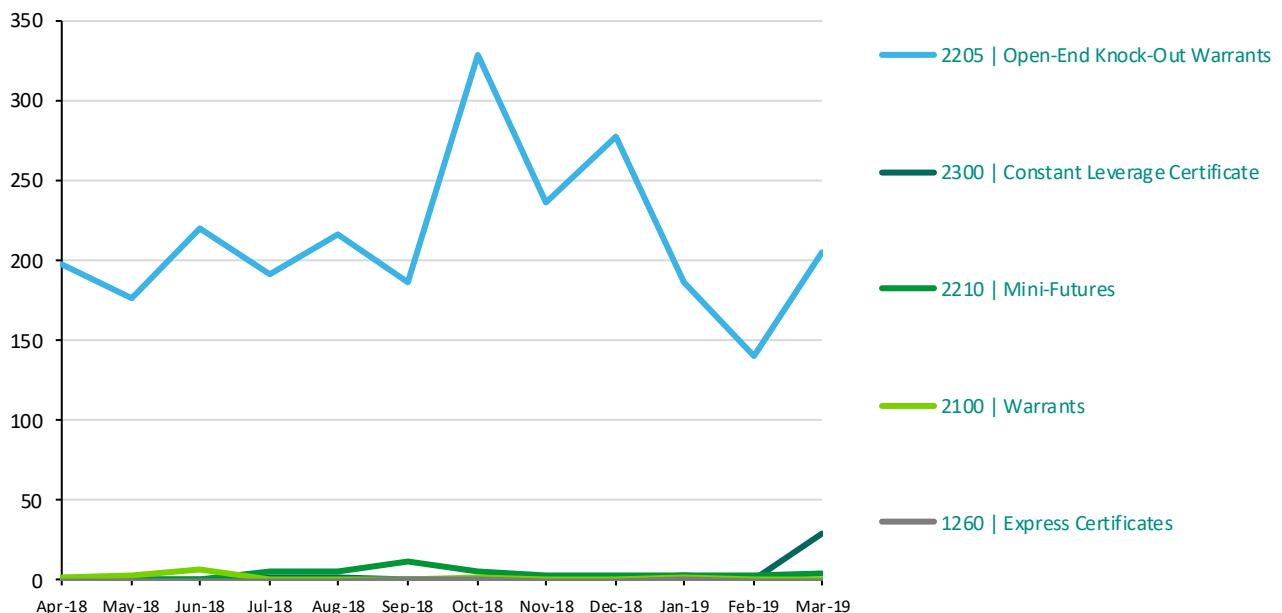
Product Trend: Number of Live Products

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

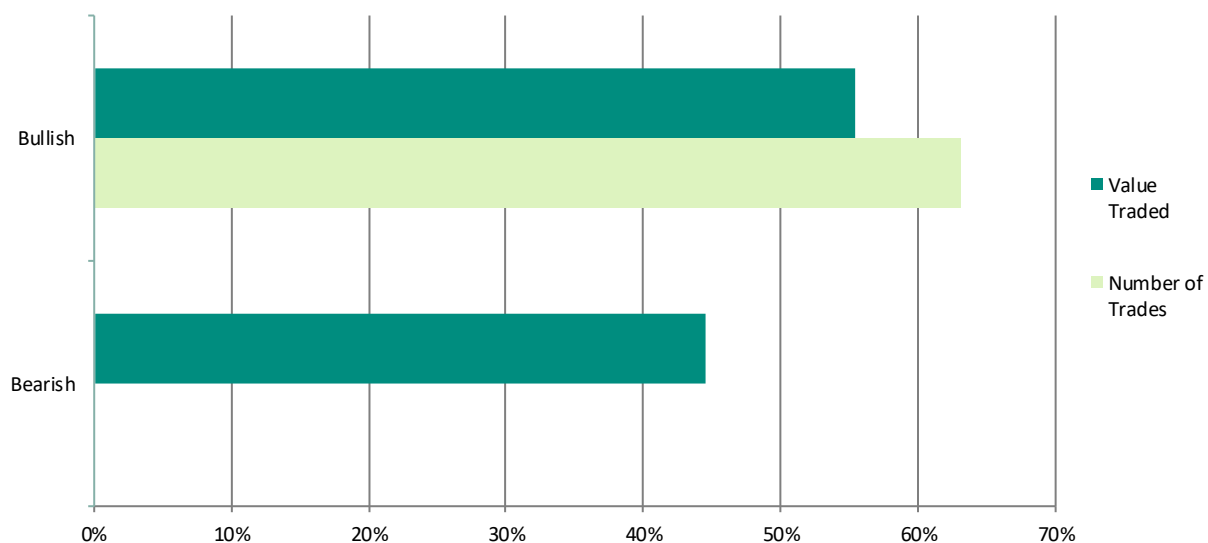
Market Overview

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 | 168 | -22% | -58% | 55.4% | 121 | -8.2% | -21.5% | 63.2% |
| Bearish | 135 | 54% | -17.0% | 44.6% | 0.0 | -100% | -100% | 0.0% |
| Total | 304 | 0.2% | -46.3% | 100% | 192 | -1.3% | -16.3% | 100% |

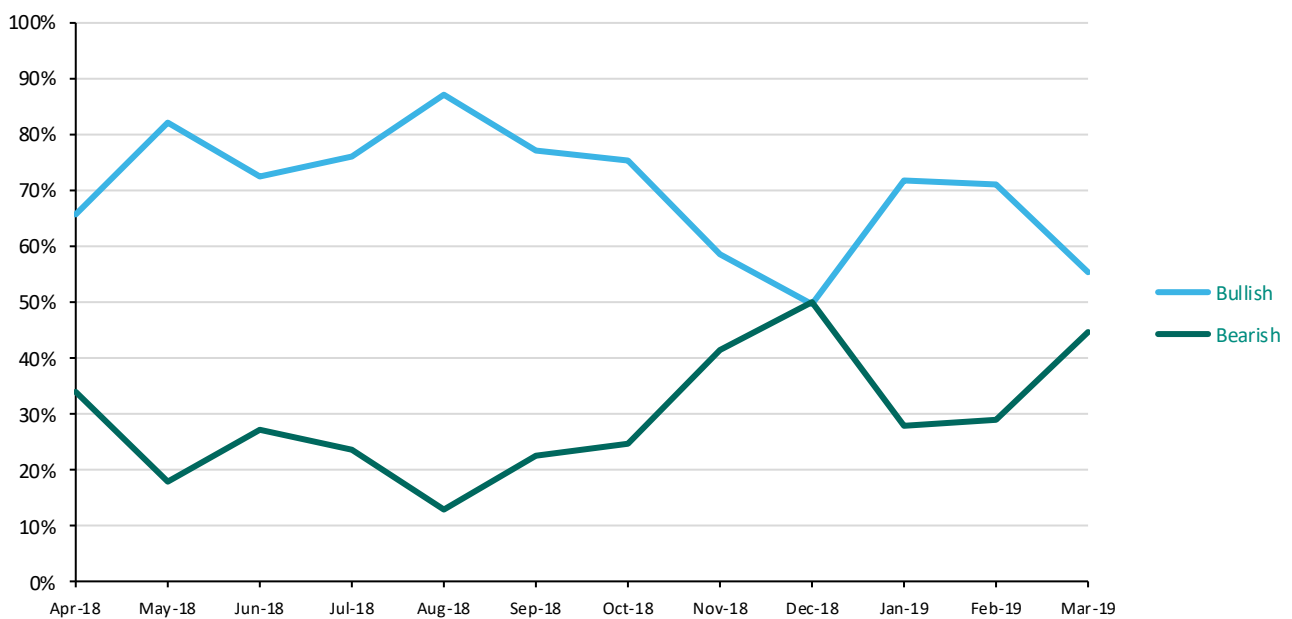
(Source Euronext)



PRODUCT STRATEGIES

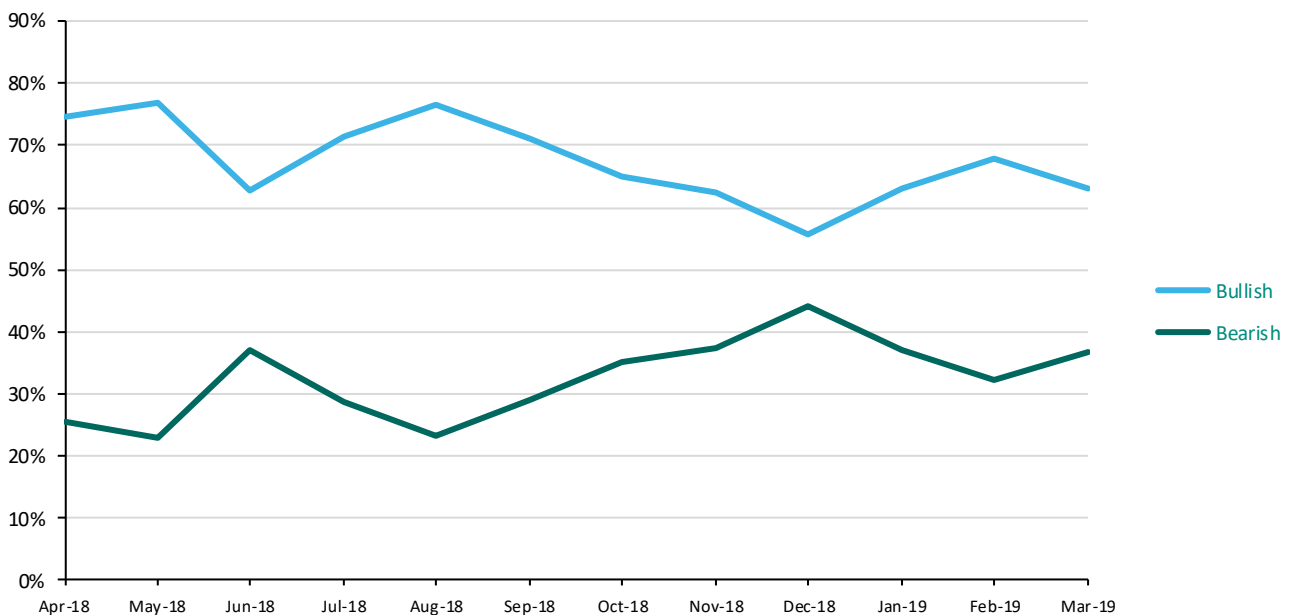
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

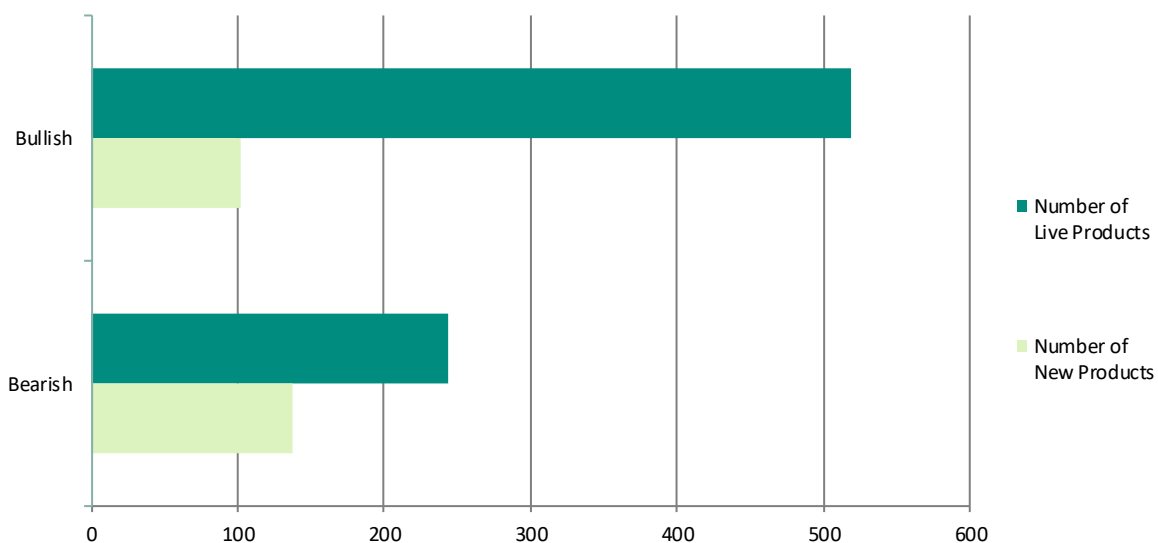
Product Overview

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

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

| Strategies | Number of Live Products | | | | Number of New Products | | | |
|------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Bullish | 520 | -5.7% | -8.6% | 68.1% | 102 | 5.2% | -20% | 42.7% |
| Bearish | 243 | -21% | -20% | 31.9% | 137 | 191% | 44% | 57.3% |
| Total | 763 | -11.2% | -12.7% | 100% | 239 | 66.0% | 7.3% | 100% |

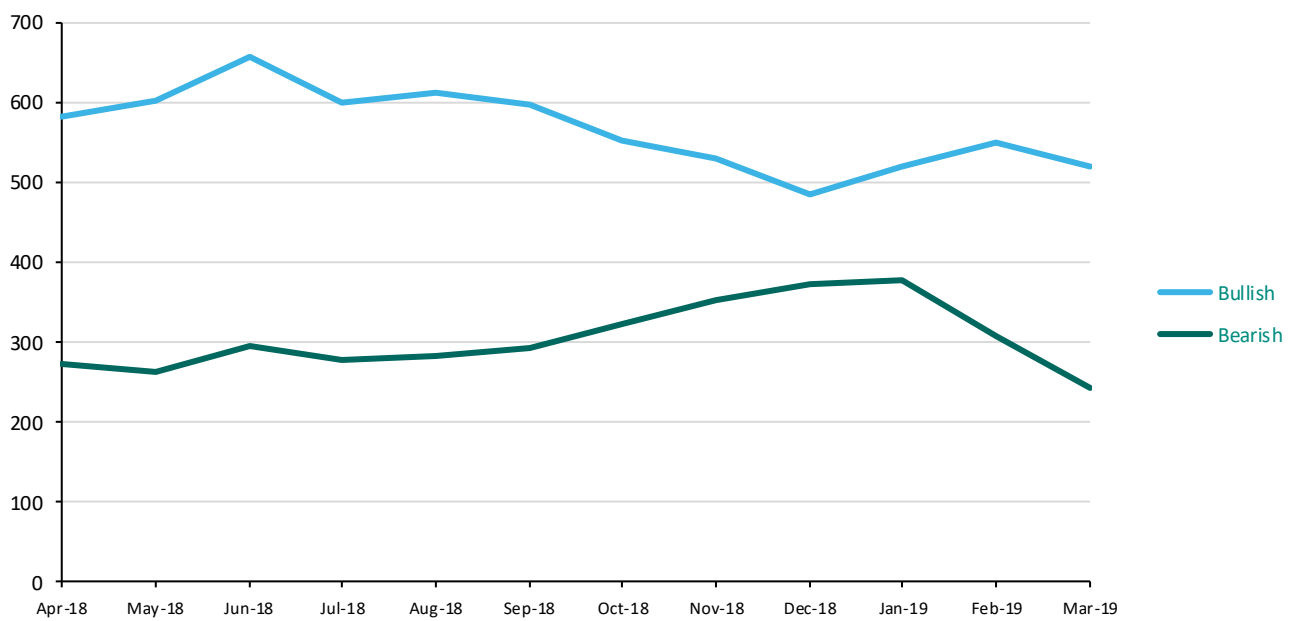
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PRODUCT STRATEGIES

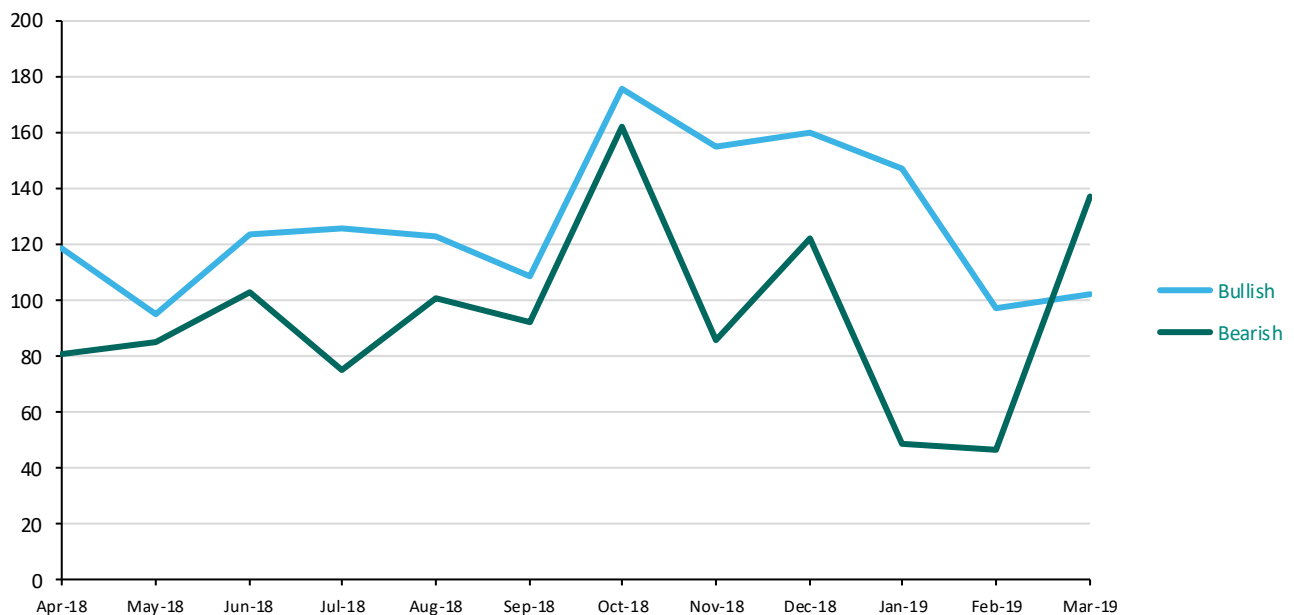
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

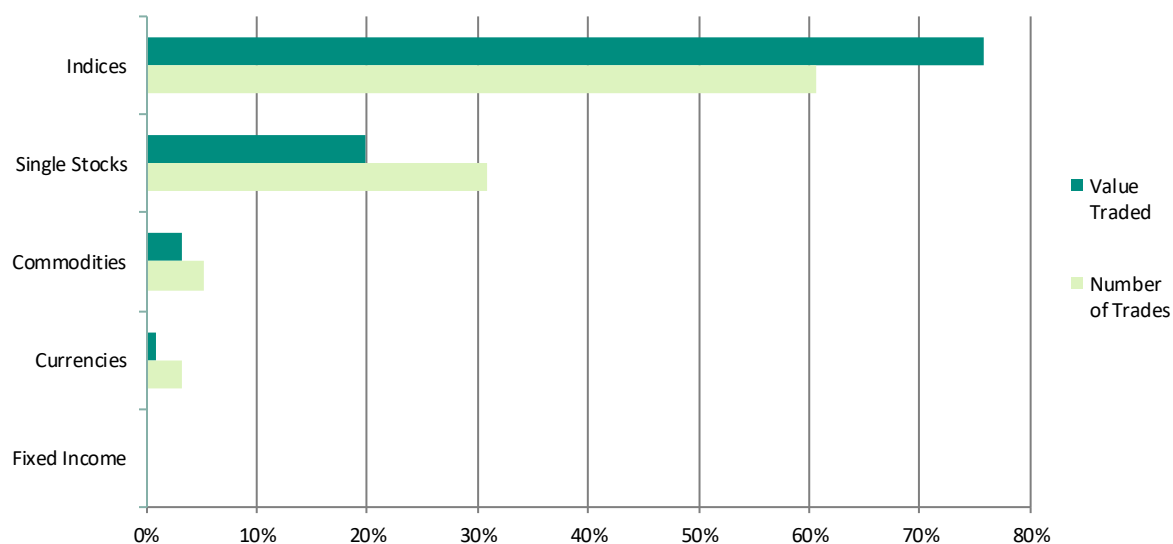
Market Overview

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

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

| Underlying Types | Value Traded | | | | Number of Trades | | | |
|------------------|-----------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| Indices | 230 | 26% | -41% | 75.9% | 116 | -0.1% | -12.0% | 60.6% |
| Single Stocks | 60 | -38% | -50% | 19.9% | 59 | -9.4% | -26.3% | 30.9% |
| Commodities | 10 | -43% | -80% | 3.3% | 10 | 2.5% | -24.2% | 5.3% |
| Currencies | 3 | -32% | -29% | 0.9% | 6.2 | 118.9% | 90.7% | 3.2% |
| Fixed Income | 0 | | -100% | 0.0% | 0.0 | | -100.0% | 0.0% |
| Total | 304 | 0.2% | -46.3% | 100% | 192 | -1.3% | -16.3% | 100% |

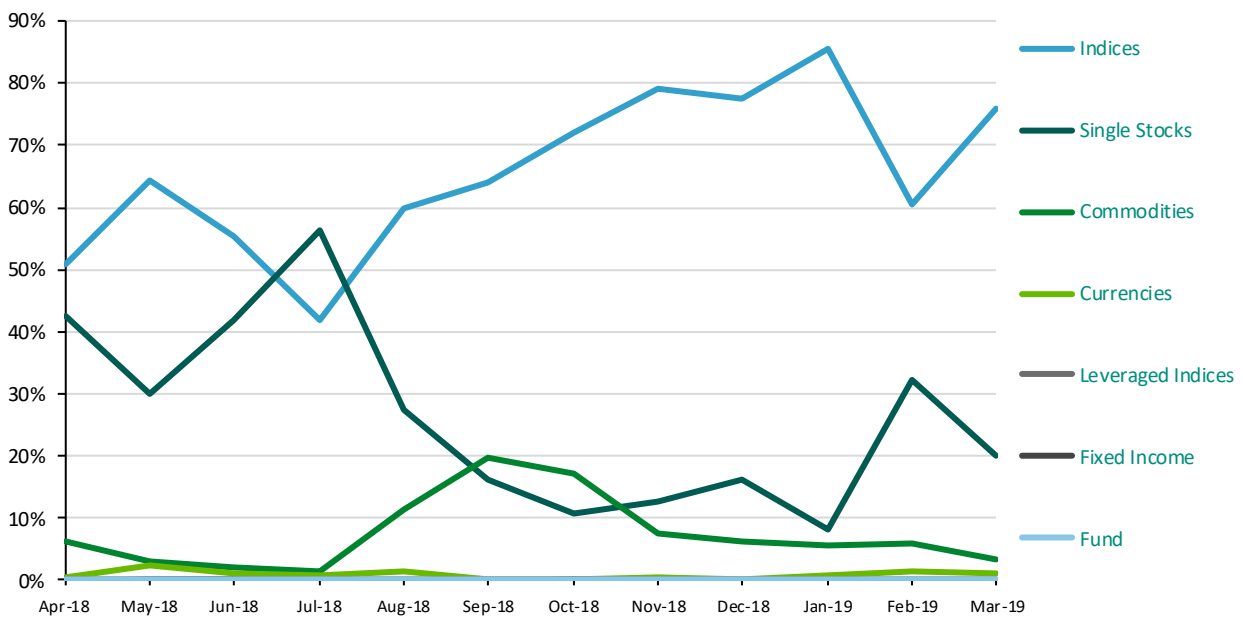
(Source Euronext)



UNDERLYING TYPES

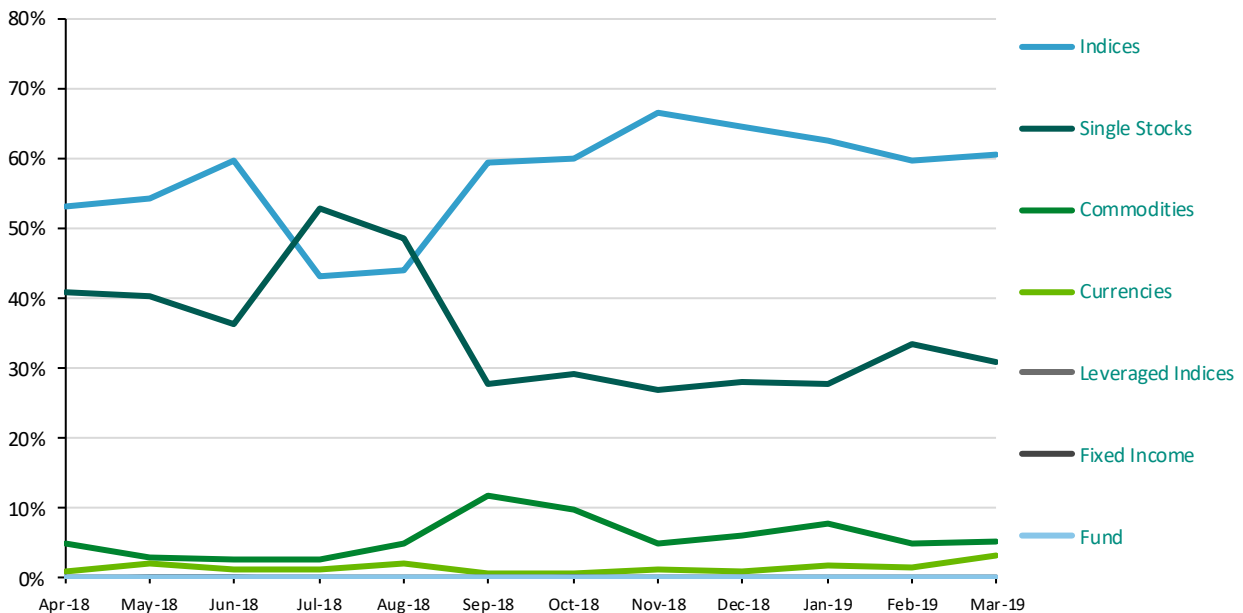
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

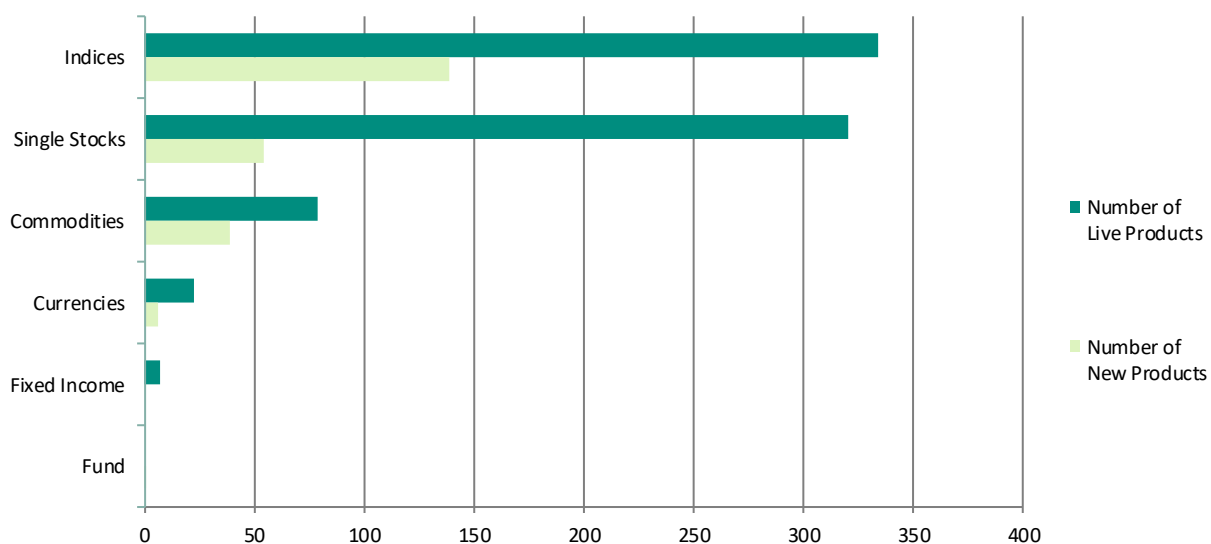
Product Overview

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

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

| Underlying Types | Number of Live Products | | | | Number of New Products | | | |
|------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Indices | 334 | -12.8% | -13.2% | 43.8% | 139 | 65% | -2.4% | 58.2% |
| Single Stocks | 320 | -7.2% | -10.5% | 42.0% | 54 | 93% | 27% | 22.6% |
| Commodities | 79 | -13.2% | -15.2% | 10.3% | 39 | 44% | 28% | 16.3% |
| Currencies | 23 | -30% | -26% | 3.0% | 6 | 50% | -5.3% | 2.5% |
| Fixed Income | 7 | 0.0% | 0.0% | 0.9% | 0 | | | 0.0% |
| Fund | 0 | | -100% | 0.0% | 1 | 0.0% | 0.0% | 0.4% |
| Total | 763 | -11.2% | -12.7% | 100% | 239 | 66.0% | 7.3% | 100% |

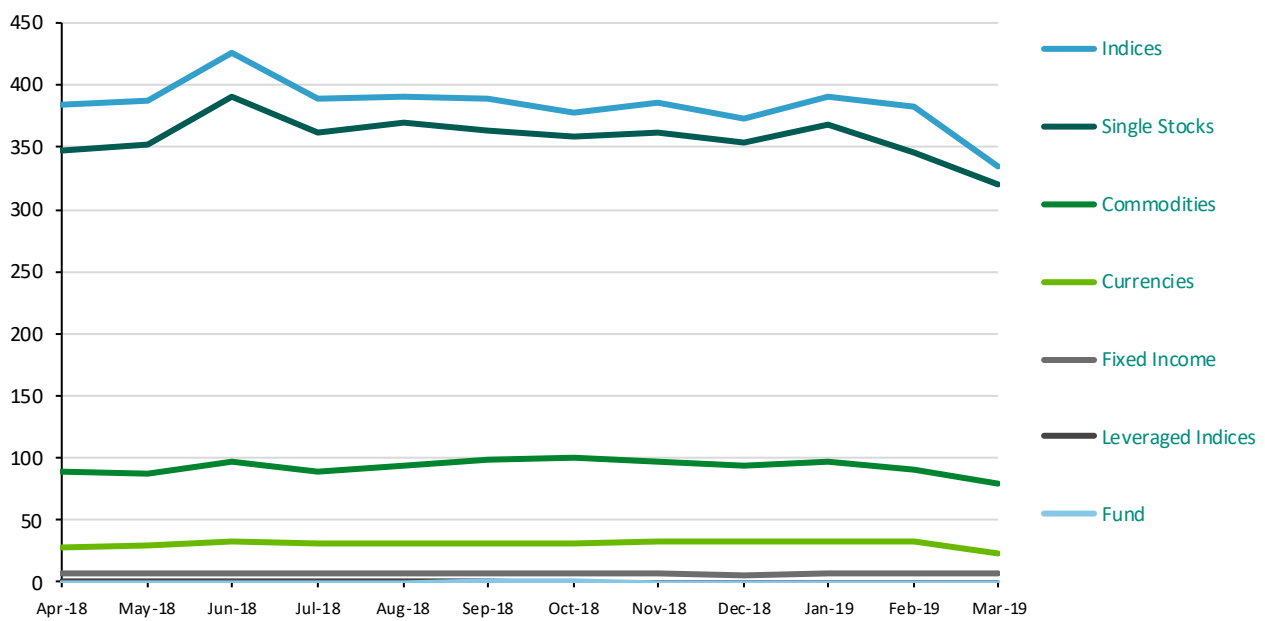
(Source Euronext)



UNDERLYING TYPES

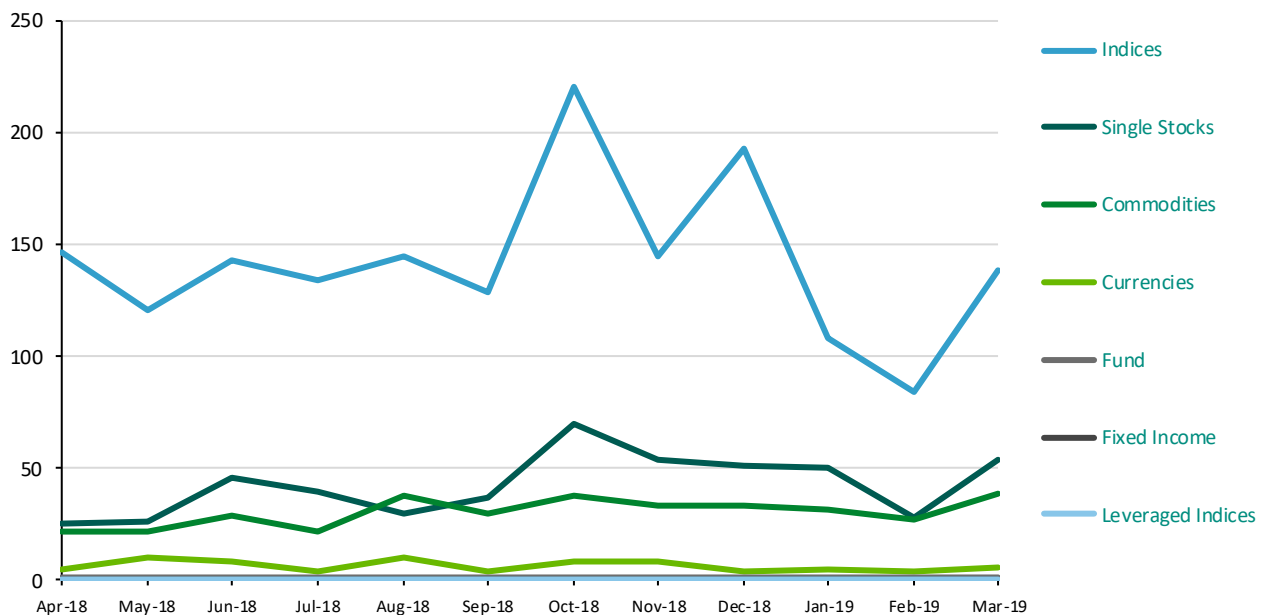
Product Trend: Number of Live Products

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

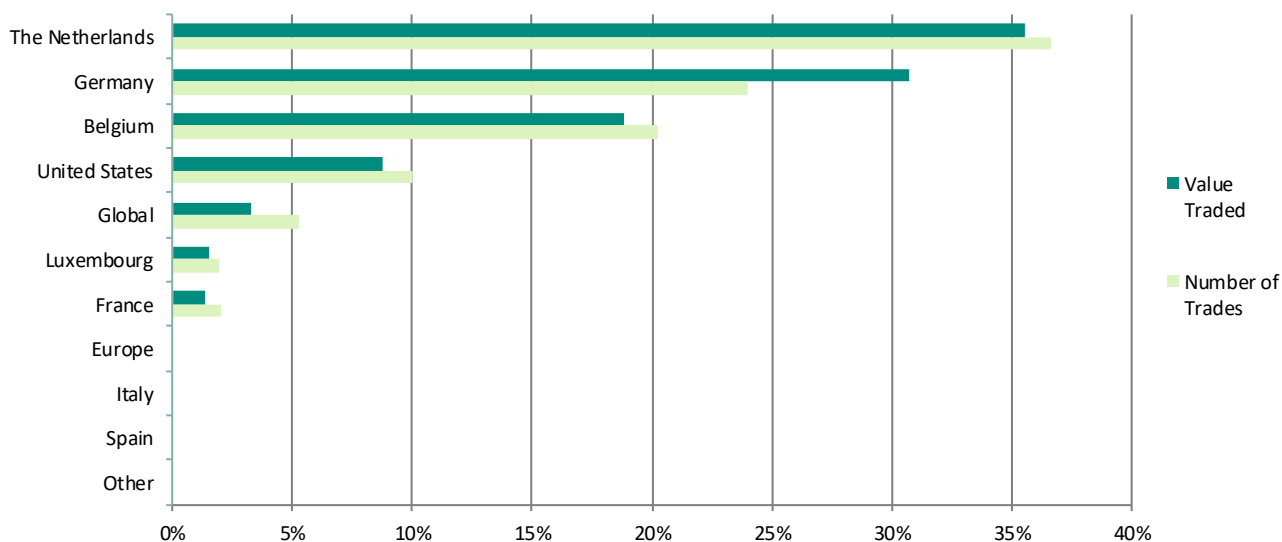
Market Overview

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 |
| The Netherlands | 108 | 1.1% | -19.3% | 35.6% | 70 | 32.5% | -13.6% | 36.6% |
| Germany | 93 | 31% | -28% | 30.7% | 46 | -30% | -14.2% | 24.0% |
| Belgium | 57 | -13.9% | -31% | 18.8% | 39 | -10.6% | -27% | 20.2% |
| United States | 27 | 22% | -65% | 8.8% | 19 | 154% | 42% | 10.0% |
| Global | 10 | -43% | -87% | 3.3% | 10 | 2.5% | -45% | 5.3% |
| Luxembourg | 4 | -73% | -90% | 1.5% | 3.7 | -71% | NA | 1.9% |
| France | 4 | 28% | -79% | 1.4% | 3.9 | 57% | -37% | 2.0% |
| Europe | 0 | | -100% | 0.0% | 0.0 | | -100% | 0.0% |
| Italy | 0 | | -100% | 0.0% | 0.0 | | -100% | 0.0% |
| Spain | 0 | | | 0.0% | 0.0 | | | 0.0% |
| Other | 0 | | | 0.0% | 0.0 | | | 0.0% |
| Total | 304 | 0.2% | -46.3% | 100% | 192 | -1.3% | -16.3% | 100% |

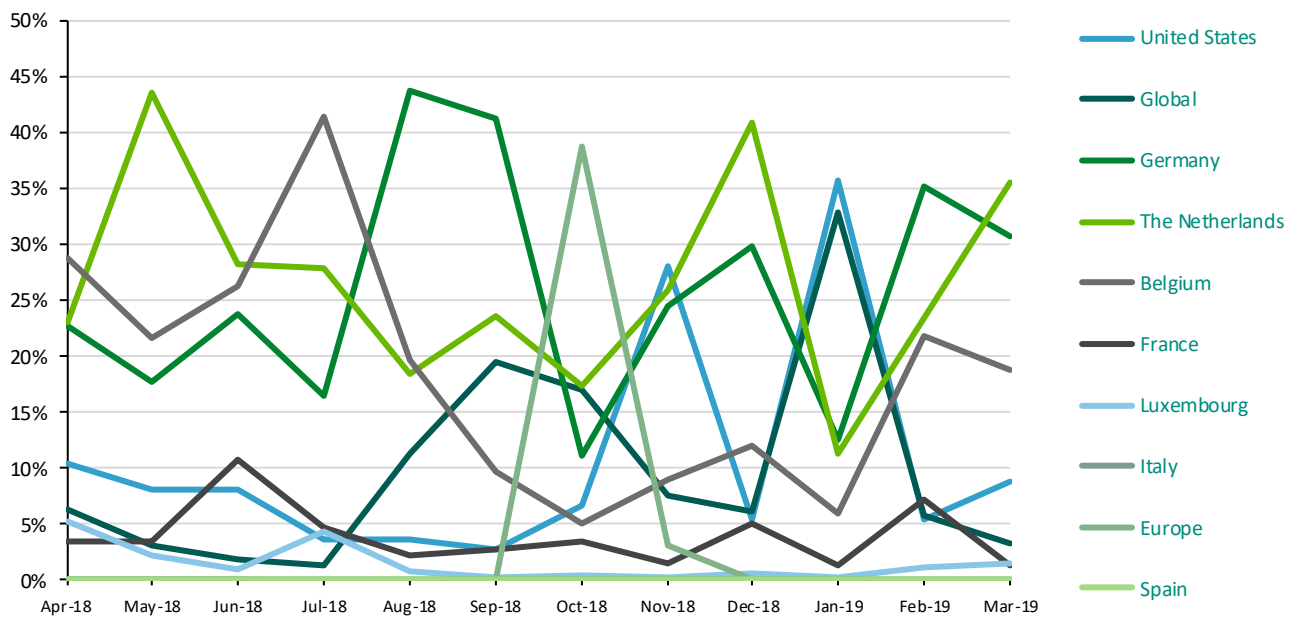
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

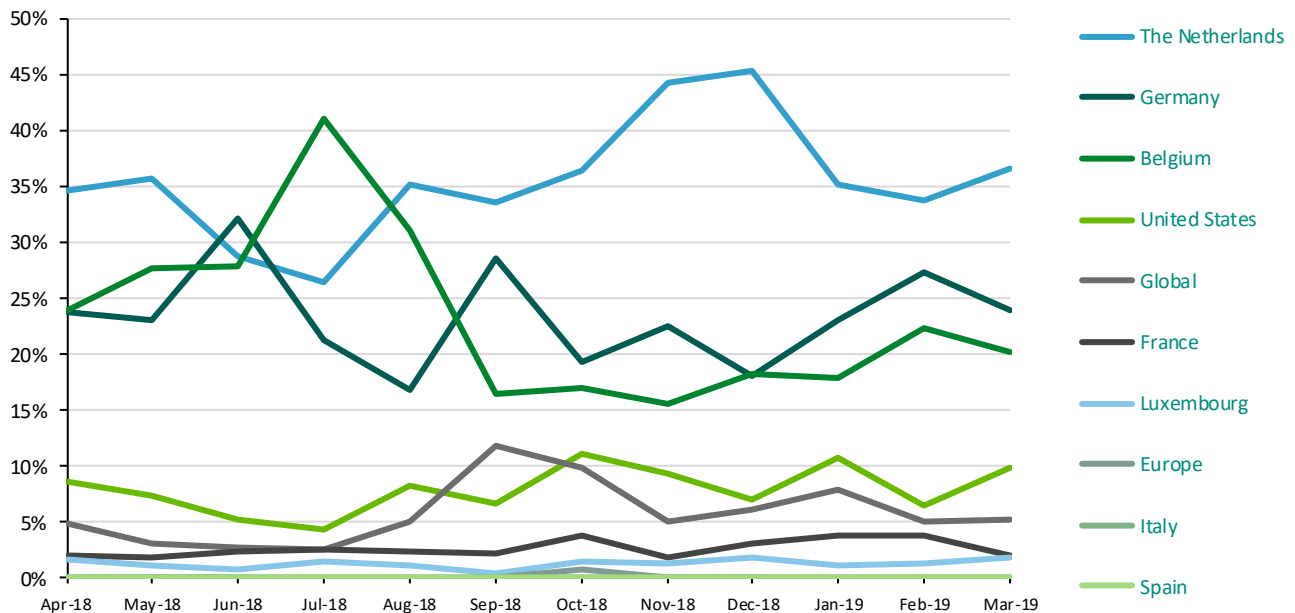
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYING COUNTRIES

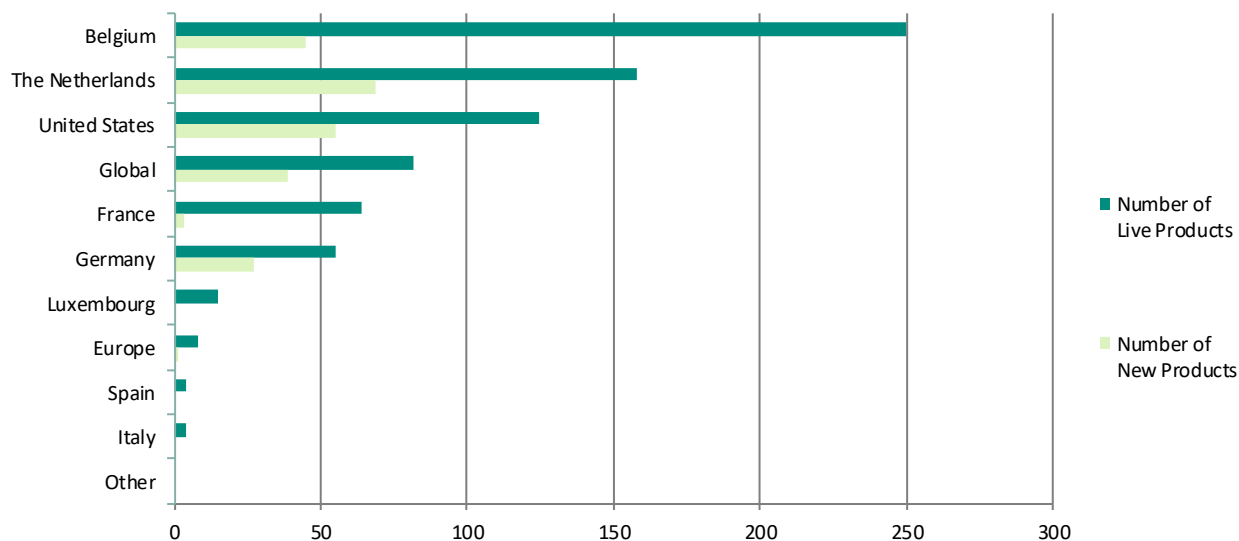
Product Overview

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

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

| Underlying Countries | Number of Live Products | | | | Number of New Products | | | |
|----------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Belgium | 250 | -7.1% | -12.1% | 32.8% | 45 | 88% | 22% | 18.8% |
| The Netherlands | 158 | -10.9% | -10.4% | 20.7% | 69 | 68% | 6.6% | 28.9% |
| United States | 124 | -12.9% | -6.4% | 16.3% | 55 | 120% | 18.7% | 23.0% |
| Global | 82 | -12.6% | -14.2% | 10.7% | 39 | 44% | 28% | 16.3% |
| France | 64 | -16.0% | -21% | 8.4% | 3 | | 20.0% | 1.3% |
| Germany | 55 | -22% | -24% | 7.2% | 27 | 12.5% | -29% | 11.3% |
| Luxembourg | 15 | -1.2% | -4.4% | 1.9% | 0 | -100% | -100% | 0.0% |
| Europe | 8 | 5.7% | -6.4% | 1.0% | 1 | 0.0% | -14.3% | 0.4% |
| Spain | 4 | 0.0% | -0.8% | 0.5% | 0 | | | 0.0% |
| Italy | 4 | 0.0% | 0.4% | 0.5% | 0 | | | 0.0% |
| Other | 0 | -100% | -100% | 0.0% | 0 | | | 0.0% |
| Total | 763 | -11.2% | -12.7% | 100% | 239 | 66.0% | 7.3% | 100% |

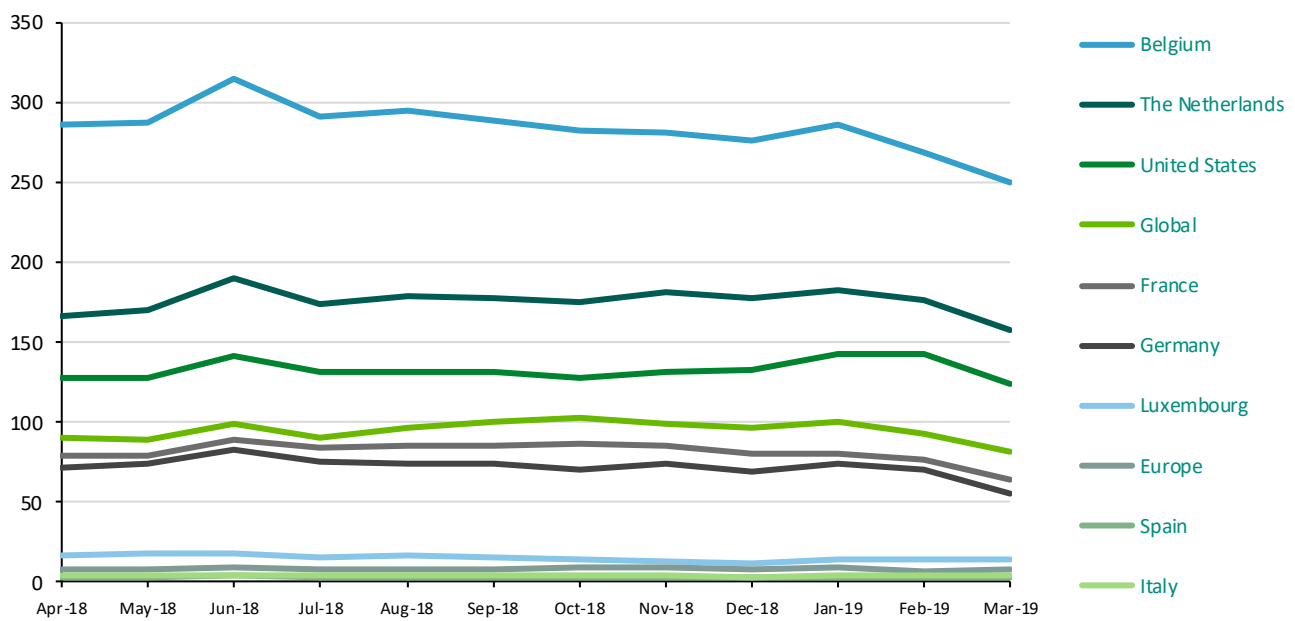
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

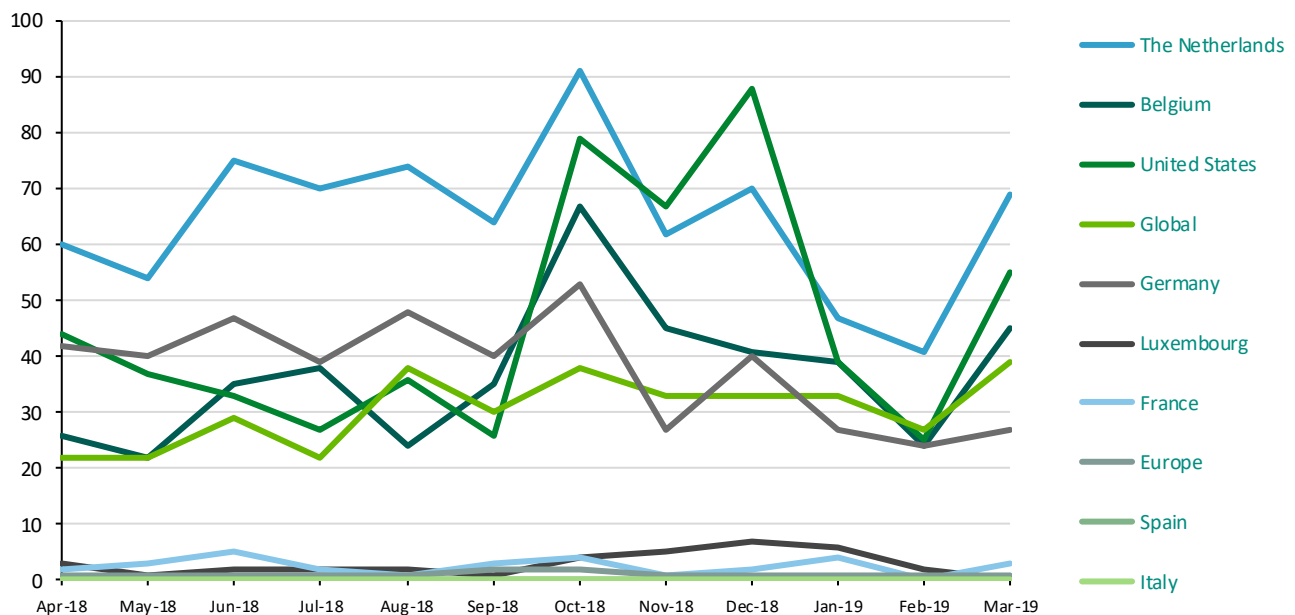
Product Trend: Number of Live Products

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

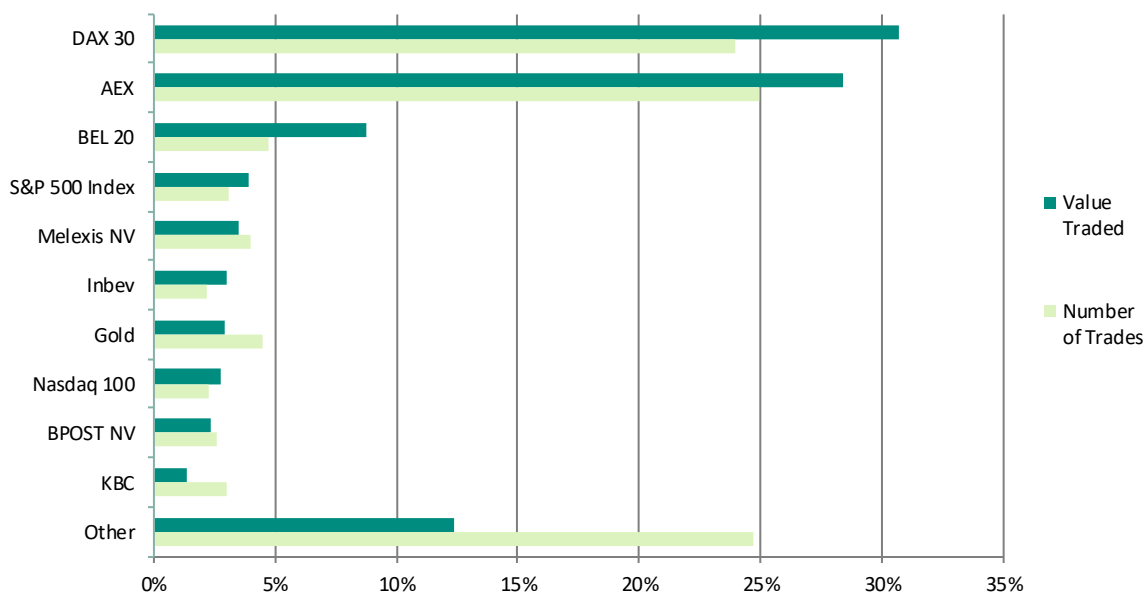
Market Overview

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 |
| DAX 30 | 93 | -12.7% | -28% | 30.7% | 46 | -13.4% | -14.2% | 24.0% |
| AEX | 86 | 67% | -20% | 28.4% | 48 | -1.6% | -14.3% | 25.0% |
| BEL 20 | 27 | 77% | -54% | 8.7% | 9.1 | -30% | 22% | 4.7% |
| S&P 500 Index | 12 | -12.2% | -73% | 3.9% | 5.9 | -9.9% | NA | 3.1% |
| Melexis NV | 11 | -16.6% | -68% | 3.5% | 7.7 | 0.2% | -7.3% | 4.0% |
| Inbev | 9 | -24% | -63% | 3.0% | 4.2 | 13.3% | NA | 2.2% |
| Gold | 9 | -26% | -41% | 2.9% | 8.7 | 33% | 6.6% | 4.5% |
| Nasdaq 100 | 8 | -16.6% | -24% | 2.8% | 4.4 | -9.7% | -55% | 2.3% |
| BPOST NV | 7 | -28% | -35% | 2.3% | 5.0 | -35% | -20% | 2.6% |
| KBC | 4 | -57% | -59% | 1.4% | 5.8 | 260% | 106% | 3.0% |
| Other | 38 | -25% | -69% | 12.4% | 47 | 14.9% | | 24.7% |
| Total | 304 | 0.2% | -46.3% | 100% | 192 | -1.3% | -16.3% | 100% |

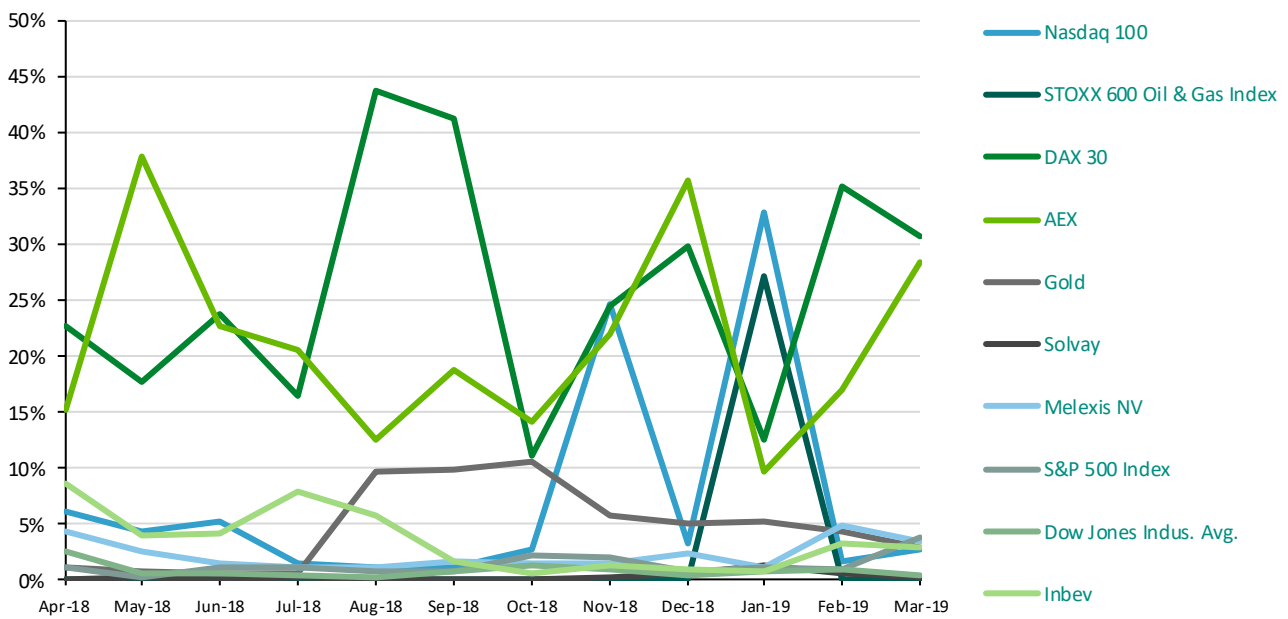
(Source Euronext)



TOP 10 UNDERLYINGS

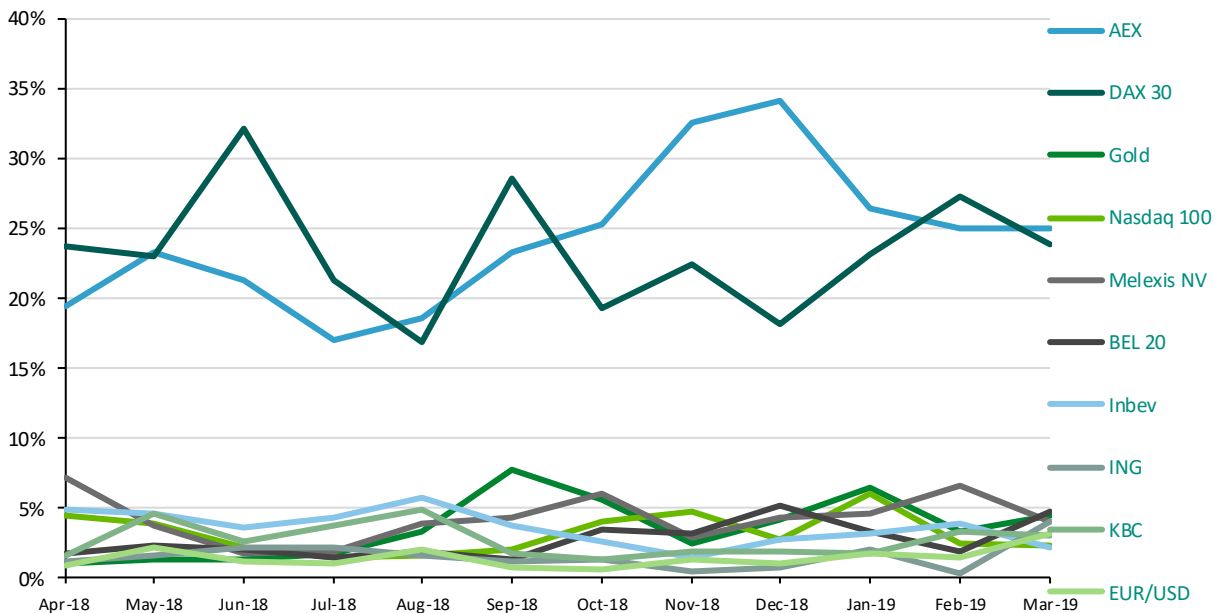
Market Trend: Value traded

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



Market Trend: Number of trades

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



TOP 10 UNDERLYINGS

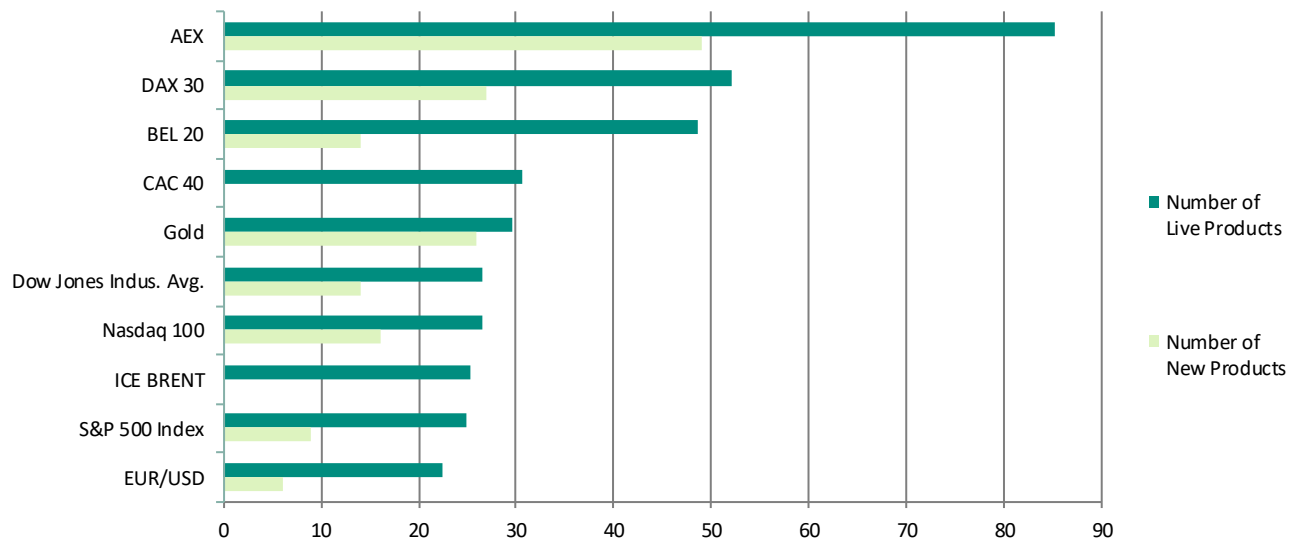
Product Overview

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

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

| Underlyings | Number of Live Products | | | | Number of New Products | | | |
|-----------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| AEX | 85 | -15.7% | -14.3% | 11.2% | 49 | 63% | -5.3% | 20.5% |
| DAX 30 | 52 | -23% | -25% | 6.8% | 27 | 12.5% | -29% | 11.3% |
| BEL 20 | 49 | -8.1% | -18.8% | 6.4% | 14 | 56% | 15.1% | 5.9% |
| CAC 40 | 31 | -15.6% | -19.9% | 4.0% | 0 | | -100% | 0.0% |
| Gold | 30 | -15.1% | -15.0% | 3.9% | 26 | 86% | 94% | 10.9% |
| Dow Jones Indus. Avg. | 27 | -11.1% | 3.6% | 3.5% | 14 | 100% | 7.0% | 5.9% |
| Nasdaq 100 | 26 | -16.2% | -1.3% | 3.5% | 16 | 100% | -1.0% | 6.7% |
| ICE BRENT | 25 | -9.2% | 13.9% | 3.3% | 0 | -100% | -100% | 0.0% |
| S&P 500 Index | 25 | -10.4% | -12.4% | 3.3% | 9 | 50% | -9.2% | 3.8% |
| EUR/USD | 23 | -30% | -26% | 3.0% | 6 | 50% | -5.3% | 2.5% |
| Other | 391 | -6.2% | -10.8% | 51.2% | 78 | | | 32.6% |
| Total | 763 | -11.2% | -12.7% | 100% | 239 | 66.0% | 7.3% | 100% |

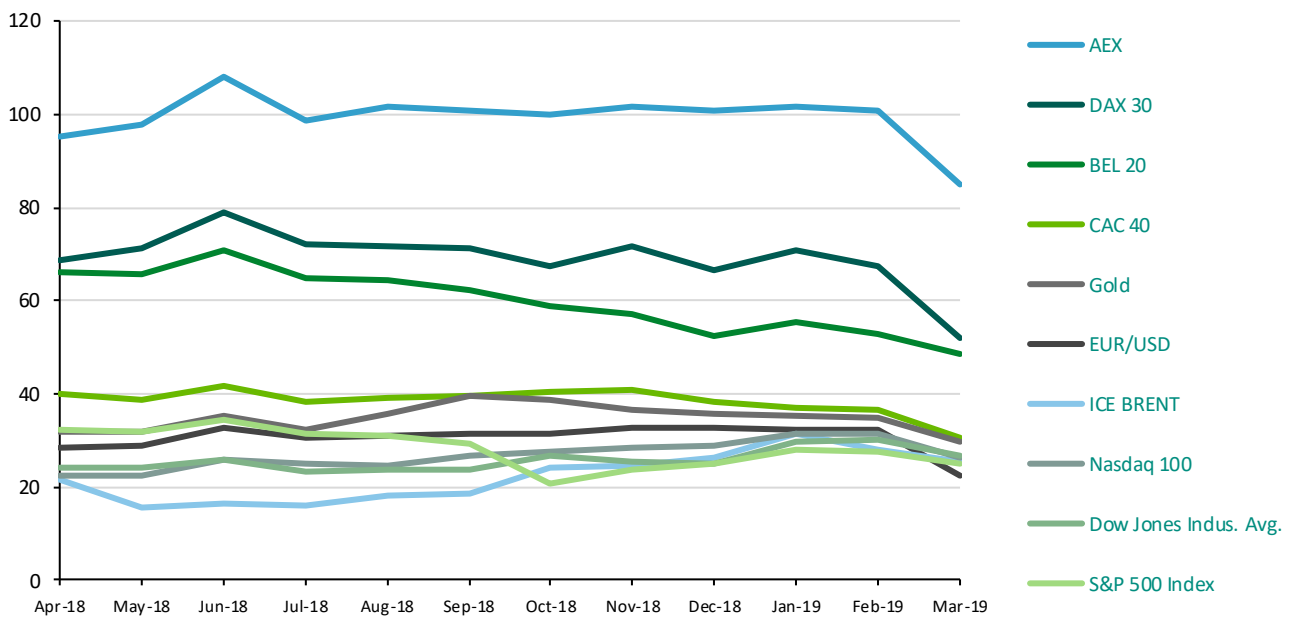
(Source Euronext)



TOP 10 UNDERLYINGS

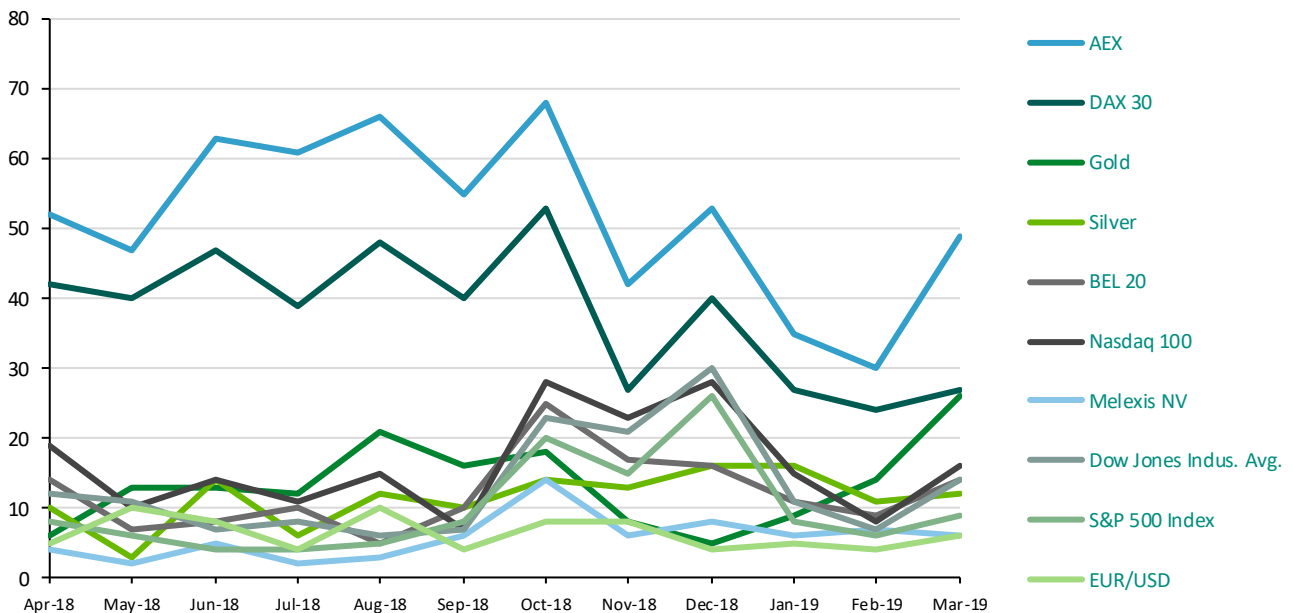
Product Trend: Number of Live Products

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 |
|--------------|-------------|--------------|-------------------------------|---------------------|----------------------|--------------|
| DE000CJ3J7U2 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 1,619 | 518 |
| DE000CJ3K6N6 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 690 | 380 |
| DE000CJ3LBY5 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 556 | 102 |
| DE000CJ3LBZ2 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 455 | 178 |
| DE000CJ3LAC3 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 429 | 94 |
| DE000CJ3J797 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 365 | 142 |
| DE000CN91138 | Commerzbank | 2205 | Open-End Knock-Out Warrants | BEL 20 | 334 | 90 |
| DE000CJ3K5V1 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 328 | 292 |
| DE000CJ3LAV3 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 322 | 188 |
| DE000CJ3LCN6 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 305 | 78 |
| DE000CA1SVC7 | Commerzbank | 2205 | Open-End Knock-Out Warrants | BEL 20 | 234 | 70 |
| DE000CJ3LCQ9 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 202 | 116 |
| DE000CJ3J8S4 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 199 | 108 |
| DE000CJ3LCR7 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 190 | 80 |
| DE000CJ3K9N0 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Gold | 189 | 160 |
| DE000CJ3K1W8 | Commerzbank | 2205 | Open-End Knock-Out Warrants | BPOST NV | 173 | 118 |
| DE000CE72FA1 | Commerzbank | 2205 | Open-End Knock-Out Warrants | BEL 20 | 168 | 50 |
| DE000CJ3K6X5 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 163 | 150 |
| DE000CJ3K5X7 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 145 | 60 |
| DE000CJ3LC85 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 131 | 174 |
| DE000CN8ZQK5 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Melexis NV | 126 | 86 |
| DE000CJ3K8Q5 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 124 | 84 |
| DE000CJ3K8S1 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 118 | 60 |
| DE000CJ3J847 | Commerzbank | 2205 | Open-End Knock-Out Warrants | S&P 500 Index | 115 | 22 |
| DE000CA1SW77 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Inbev | 113 | 18 |
| DE000CN1VF84 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Melexis NV | 111 | 28 |
| DE000CJ3KZZ3 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Arcelormittal | 101 | 70 |
| DE000CN91450 | Commerzbank | 2210 | Mini-Futures | BEL 20 | 96 | 4 |
| DE000CJ3KUV3 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Gold | 96 | 98 |
| DE000CJ3LDH6 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 96 | 58 |
| DE000CJ3LAN0 | Commerzbank | 2205 | Open-End Knock-Out Warrants | S&P 500 Index | 96 | 48 |
| DE000CJ3K340 | Commerzbank | 2210 | Mini-Futures | BEL 20 | 93 | 26 |
| DE000CN90UU1 | Commerzbank | 2300 | Constant Leverage Certificate | DOW JONES E MINI | 92 | 82 |
| DE000CJ3KKD2 | Commerzbank | 2205 | Open-End Knock-Out Warrants | BPOST NV | 88 | 52 |
| DE000CJ3K3K9 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Inbev | 87 | 26 |
| DE000CJ3K480 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 84 | 48 |
| DE000CJ3J7Q0 | Commerzbank | 2205 | Open-End Knock-Out Warrants | S&P 500 Index | 80 | 18 |
| DE000CN90P70 | Commerzbank | 2205 | Open-End Knock-Out Warrants | KBC | 75 | 116 |
| DE000CJ3K555 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 72 | 52 |
| DE000CJ3K1C0 | Commerzbank | 2205 | Open-End Knock-Out Warrants | ING | 70 | 242 |
| DE000CJ3K8H4 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 68 | 30 |
| DE000CJ3J7N7 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Nasdaq 100 | 67 | 12 |
| DE000CJ3K3U8 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 65 | 64 |
| DE000CJ3K4H3 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Ontex Group Ord Shs | 62 | 240 |
| DE000CJ3LA04 | Commerzbank | 2205 | Open-End Knock-Out Warrants | DAX 30 | 61 | 66 |
| DE000CJ3LCC9 | Commerzbank | 2205 | Open-End Knock-Out Warrants | S&P 500 Index | 58 | 30 |
| DE000CJ3KDT3 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Melexis NV | 56 | 36 |
| DE000CN1WFT1 | Commerzbank | 2205 | Open-End Knock-Out Warrants | BNP Paribas | 55 | 54 |
| DE000CE71NS9 | Commerzbank | 2300 | Constant Leverage Certificate | Inbev | 55 | 46 |
| DE000CJ3K5E7 | Commerzbank | 2205 | Open-End Knock-Out Warrants | AEX | 52 | 42 |

(Source Euronext)



Euronext Lisbon

ISSUERS

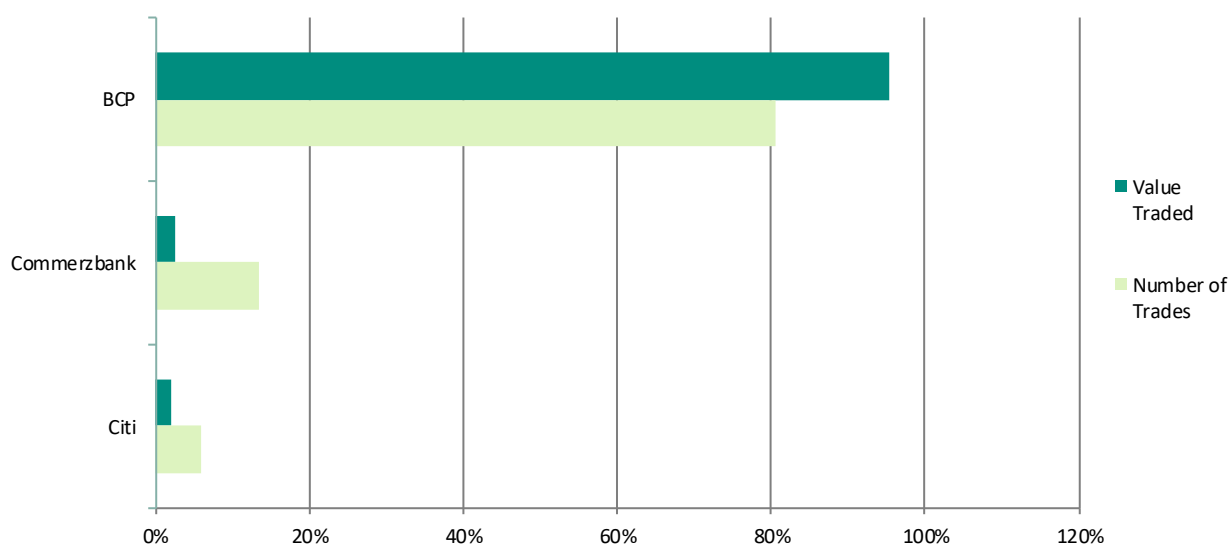
Market Overview

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

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

| Issuers | Value Traded | | | | Number of Trades | | | |
|-------------|-----------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| BCP | 6,315 | 64% | 165% | 95.5% | 448 | 57.1% | 118.2% | 80.7% |
| Commerzbank | 168 | -16.9% | -36% | 2.5% | 74 | -4.5% | 0.9% | 13.4% |
| Citi | 133 | -28% | -36% | 2.0% | 33 | -39.2% | -31.3% | 5.9% |
| Total | 6,616 | 55.9% | 132.1% | 100% | 555 | 33.1% | 69.9% | 100% |

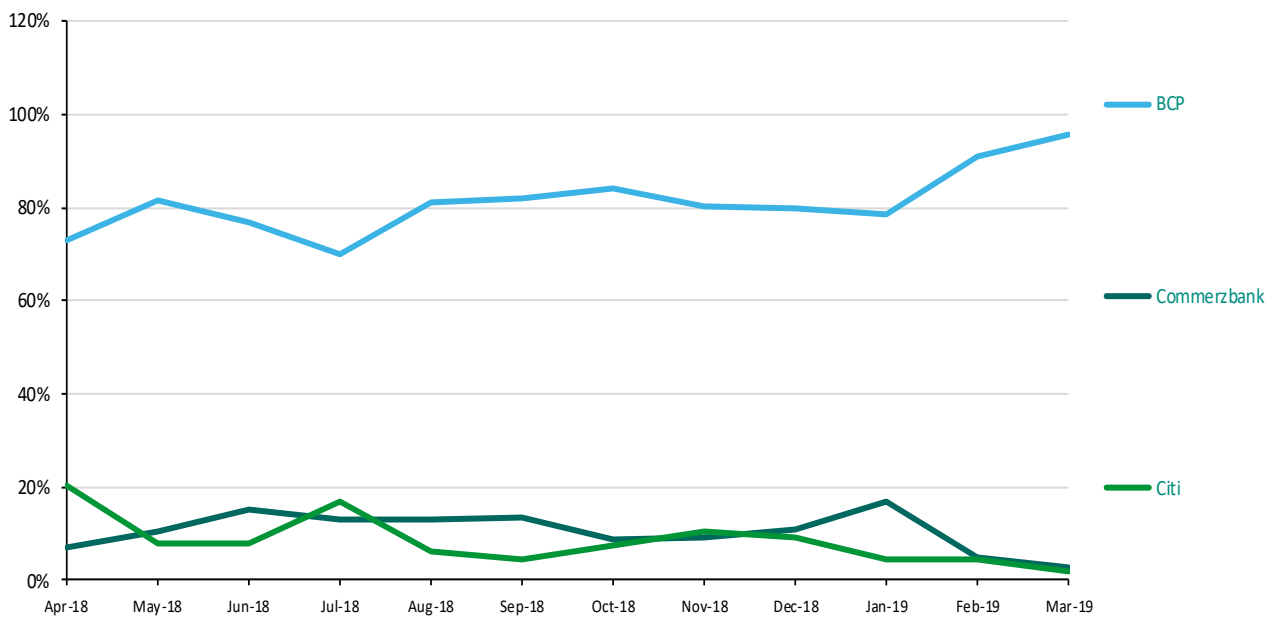
(Source Euronext)



ISSUERS

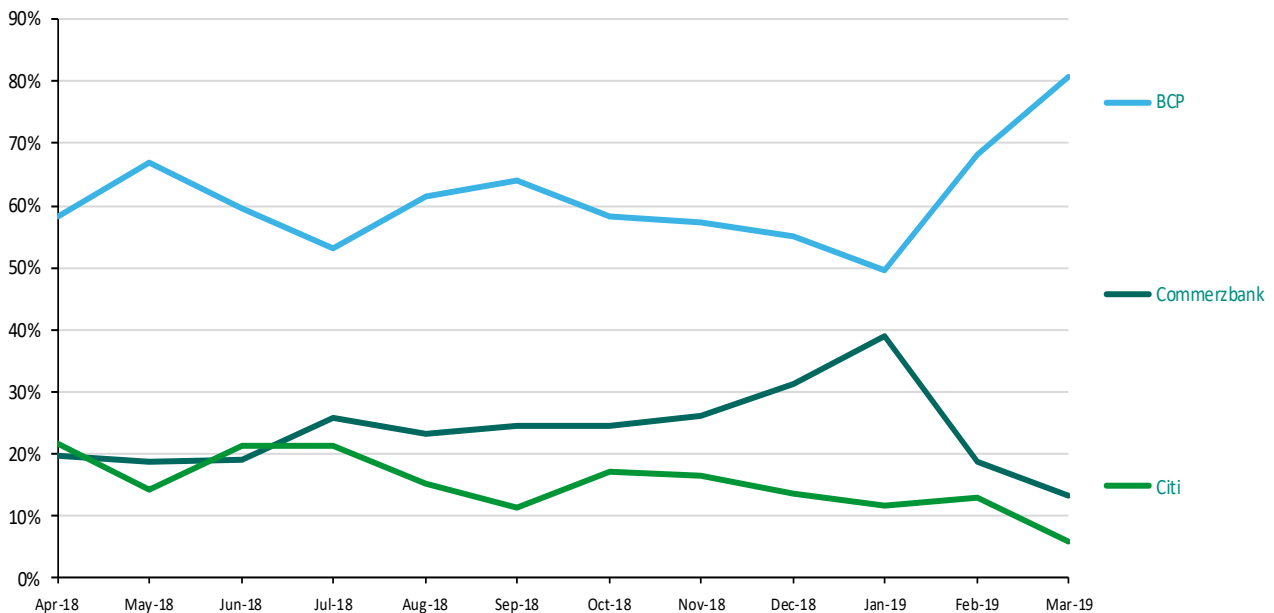
Market Trend: Value traded

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

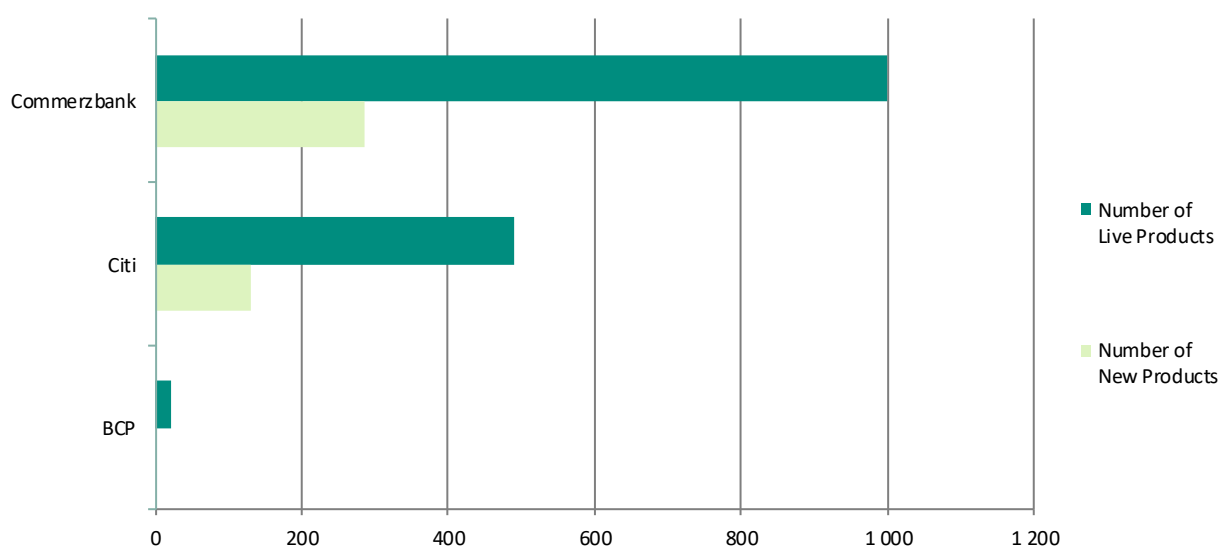
Product Overview

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 | 1,001 | -9.6% | -10.7% | 66.2% | 286 | 153% | 11.2% | 68.8% |
| Citi | 490 | 1.5% | 34% | 32.4% | 130 | -8.5% | 12.0% | 31.3% |
| BCP | 22 | 0.0% | -1.3% | 1.5% | 0 | | -100% | 0.0% |
| Total | 1,513 | -6.1% | 0.2% | 100% | 416 | 63.1% | 11.5% | 100% |

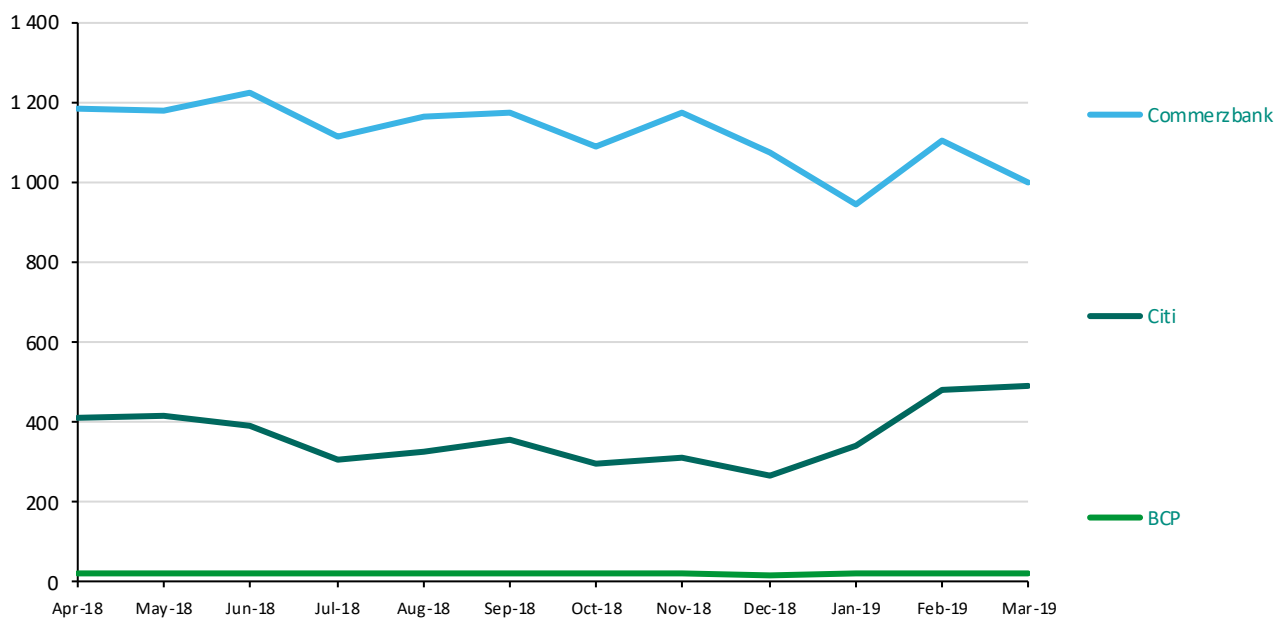
(Source Euronext)



ISSUERS

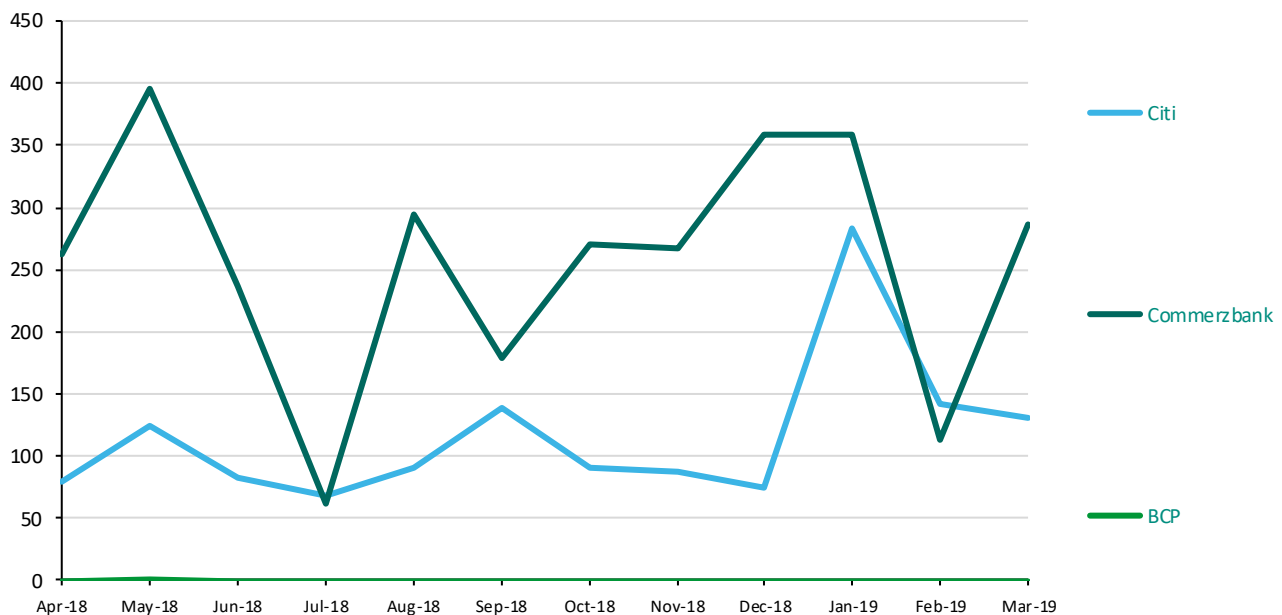
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

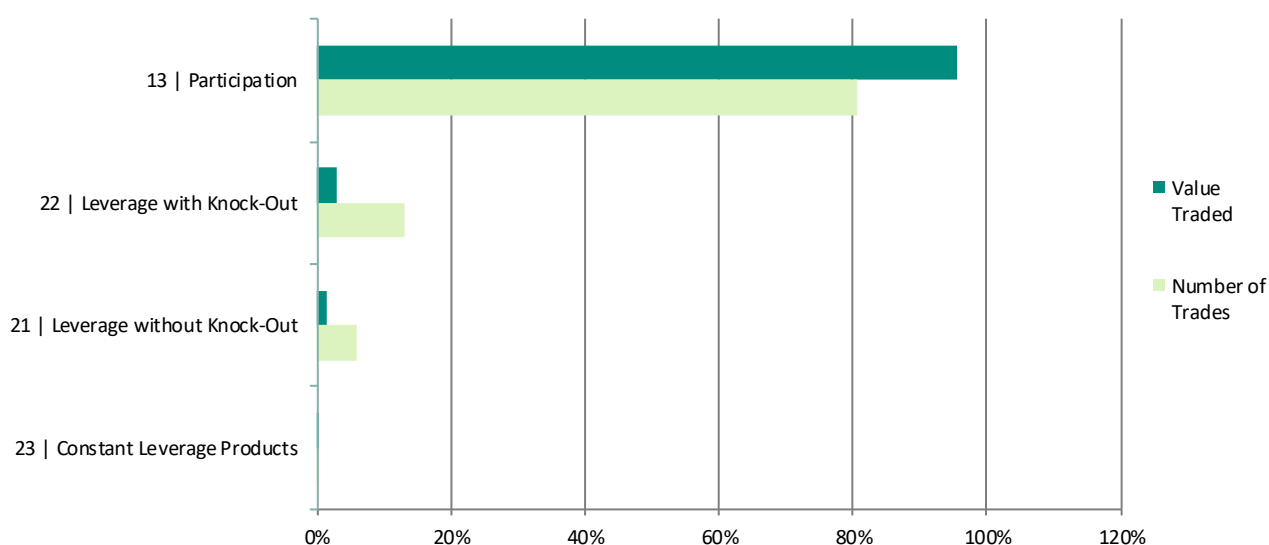
Market Overview

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

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

| Product Types (EUSIPA Categorization Level 2) | Value Traded | | | | Number of Trades | | | |
|--|--------------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| 13 Participation | 6,315 | 64% | 165% | 95.5% | 448 | 57.1% | 118.2% | 80.7% |
| 22 Leverage with Knock-Out | 199 | -38% | -47% | 3.0% | 73 | -24.1% | -17.6% | 13.1% |
| 21 Leverage without Knock-Out | 90 | 52% | 5.6% | 1.4% | 33 | -5.7% | 4.9% | 5.9% |
| 23 Constant Leverage Products | 11 | 89% | 24% | 0.2% | 1.8 | 25.9% | -13.6% | 0.3% |
| Total | 6,616 | 55.9% | 132.1% | 100% | 555 | 33.1% | 69.9% | 100% |

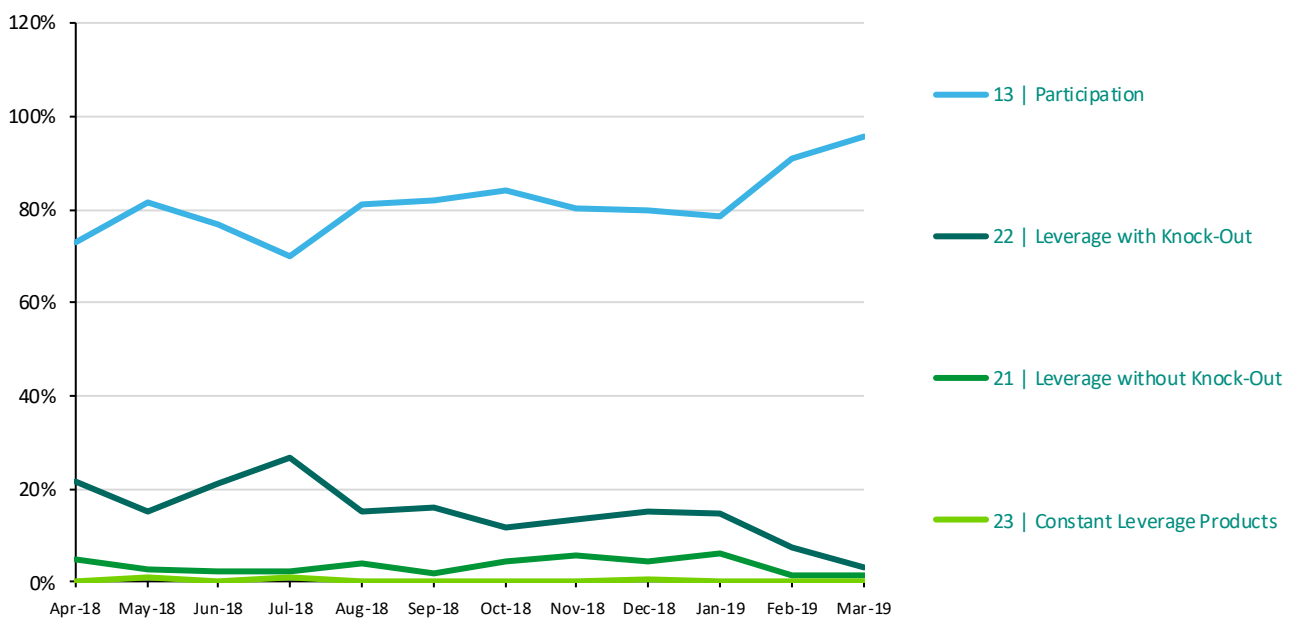
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

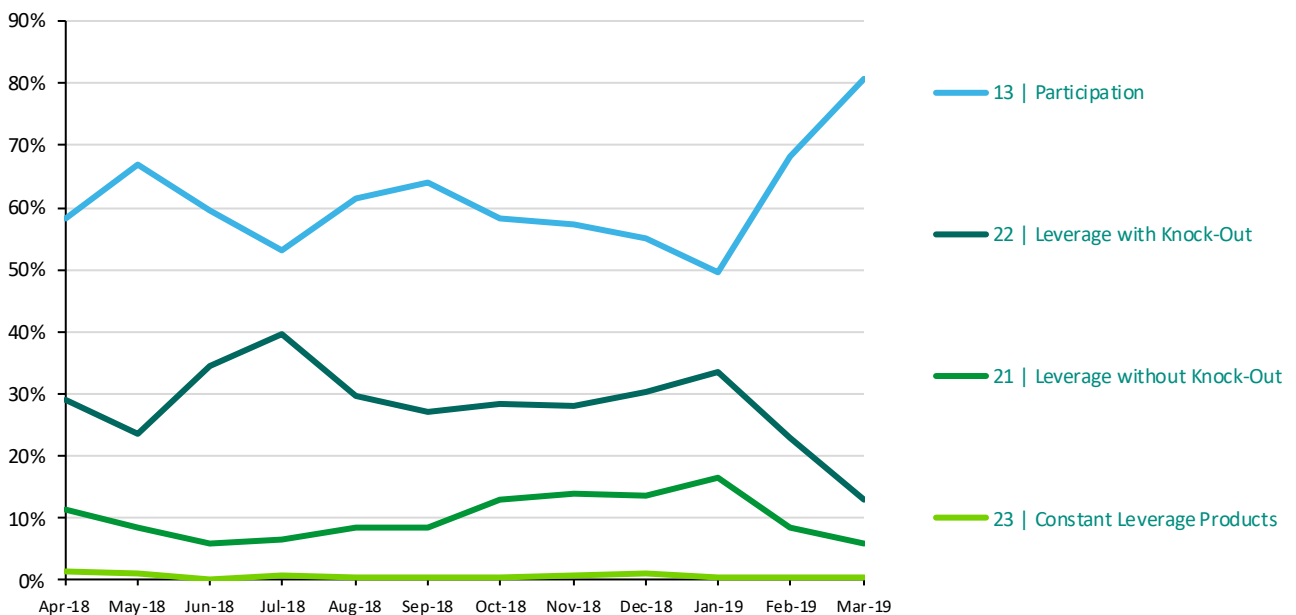
Market Trend: Value traded

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

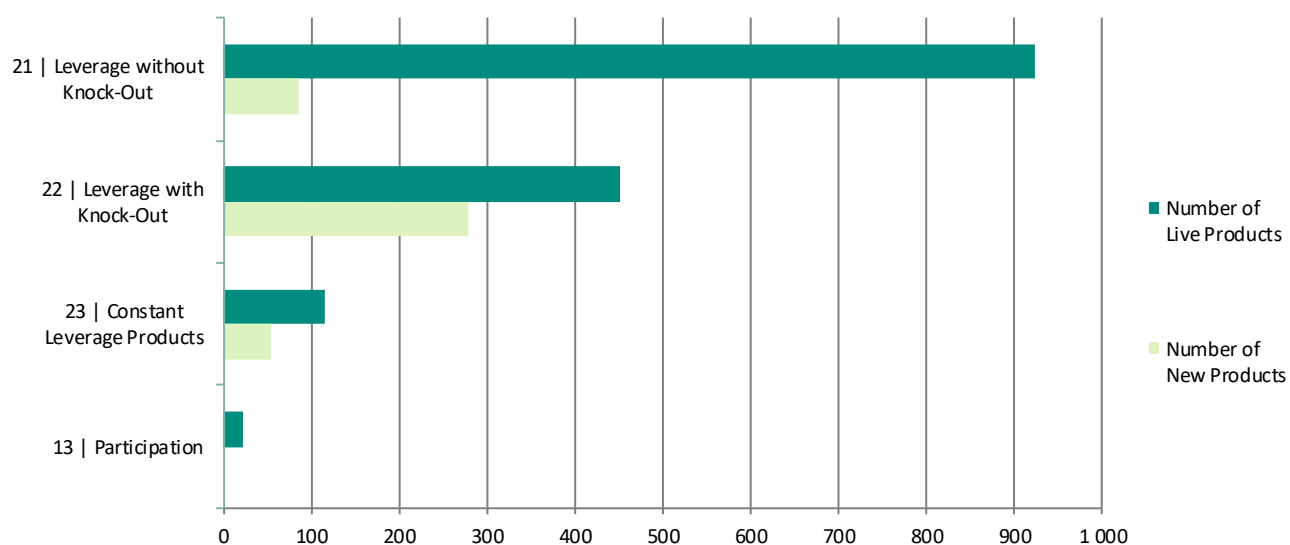
Product Overview

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 | 924 | -6.3% | 4.9% | 61.1% | 85 | 11.8% | -23% | 20.4% |
| 22 Leverage with Knock-Out | 452 | -9.7% | 6.0% | 29.9% | 278 | 55% | 8.4% | 66.8% |
| 23 Constant Leverage Products | 114 | 10.9% | -36% | 7.5% | 53 | | 809% | 12.7% |
| 13 Participation | 22 | 0.0% | -1.3% | 1.5% | 0 | | -100% | 0.0% |
| Total | 1,513 | -6.1% | 0.2% | 100% | 416 | 63.1% | 11.5% | 100% |

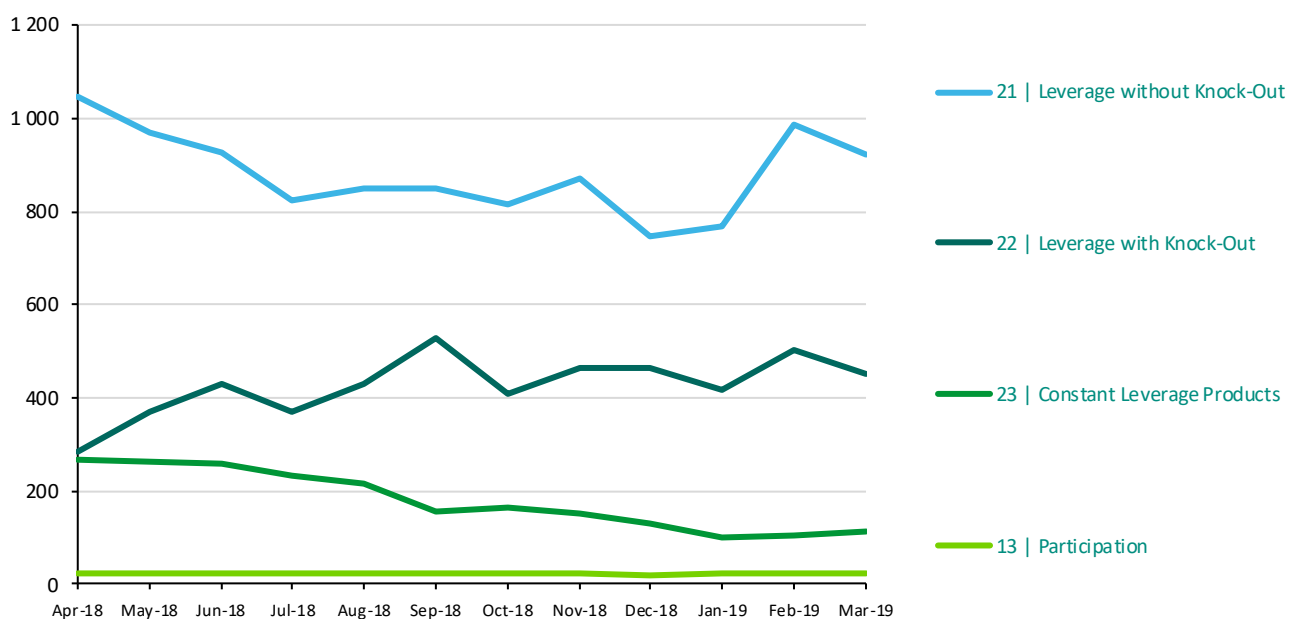
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

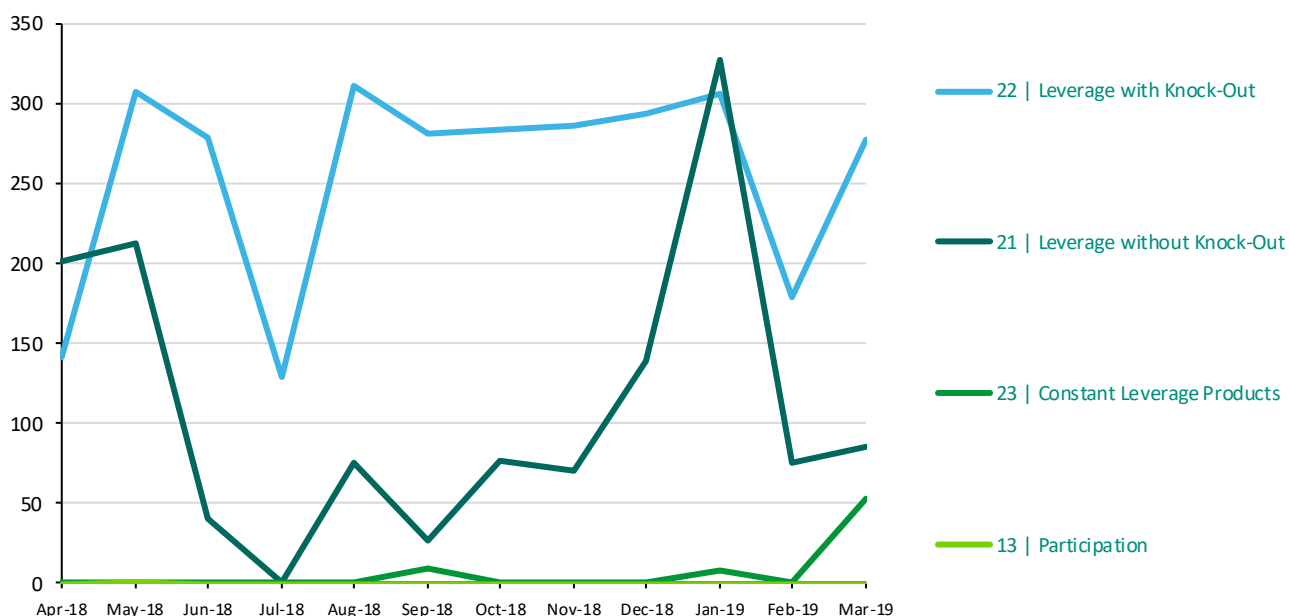
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

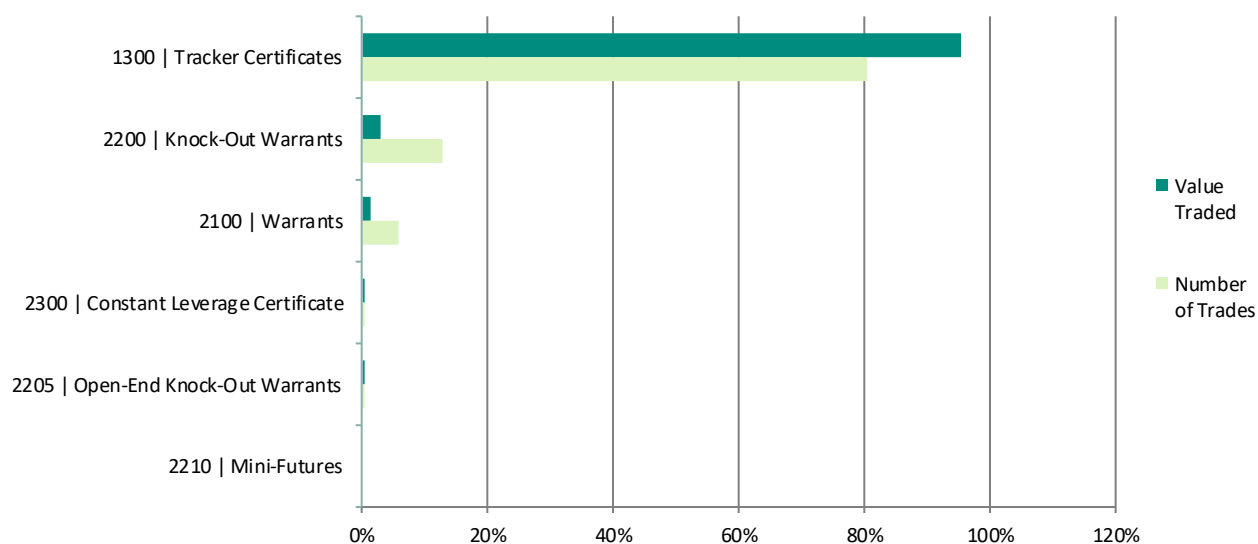
Market Overview

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

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

| Product Types (EUSIPA Categorization Level 3) | Value Traded | | | | Number of Trades | | | |
|--|--------------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| 1300 Tracker Certificates | 6,315 | 64% | 165% | 95.5% | 448 | 57.1% | 118.2% | 80.7% |
| 2200 Knock-Out Warrants | 195 | -39% | -48% | 2.9% | 71 | -25% | -18.5% | 12.8% |
| 2100 Warrants | 90 | 52% | 5.6% | 1.4% | 33 | -5.7% | 4.9% | 5.9% |
| 2300 Constant Leverage Certificate | 11 | 89% | 24% | 0.2% | 1.8 | 26% | -13.6% | 0.3% |
| 2205 Open-End Knock-Out Warrants | 4 | 539% | 29% | 0.1% | 1.4 | 130% | 127% | 0.2% |
| 2210 Mini-Futures | 0 | -100% | -100% | 0.0% | 0.0 | -100% | -100% | 0.0% |
| Total | 6,616 | 55.9% | 132.1% | 100% | 555 | 33.1% | 69.9% | 100% |

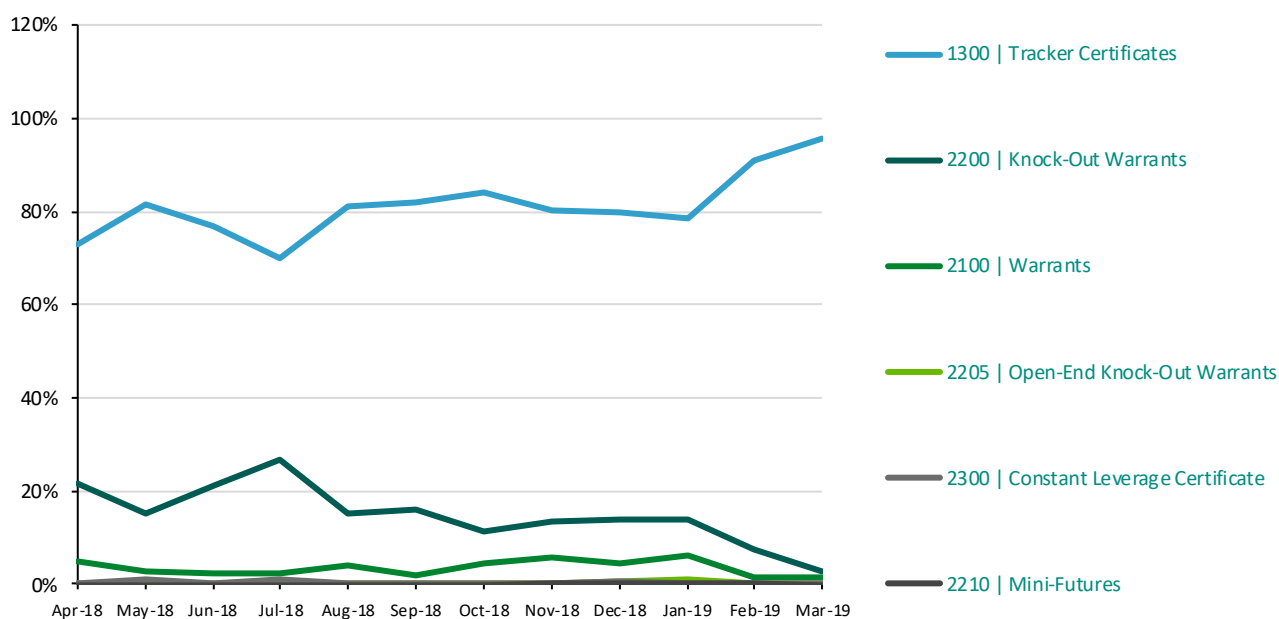
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

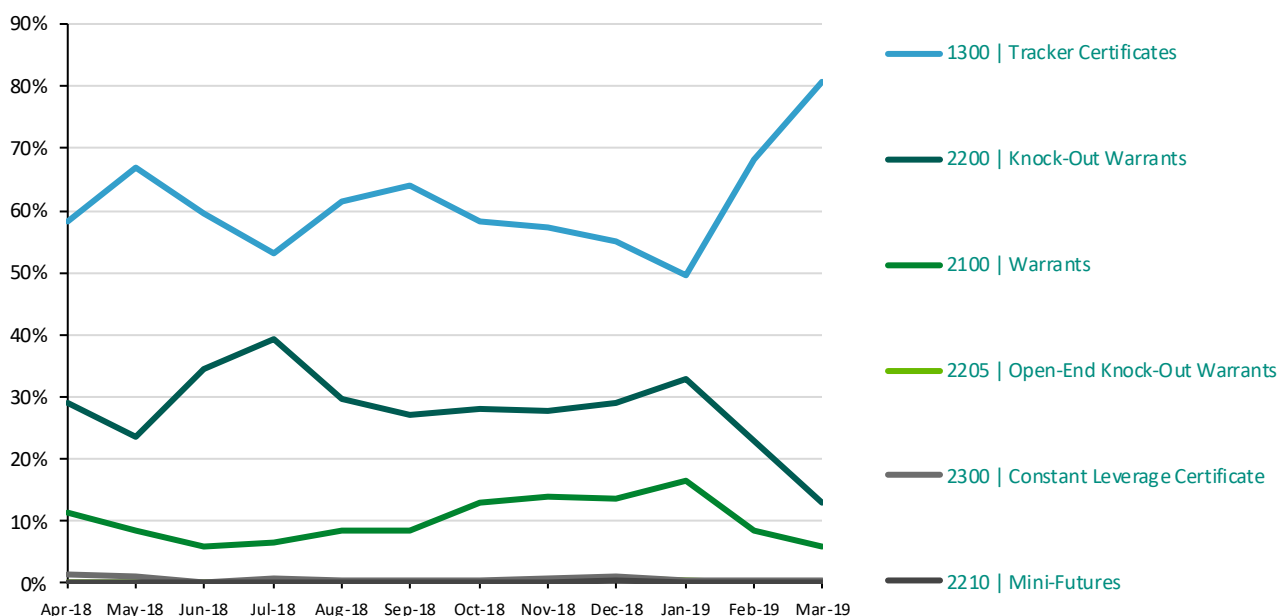
Market Trend: Value traded

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

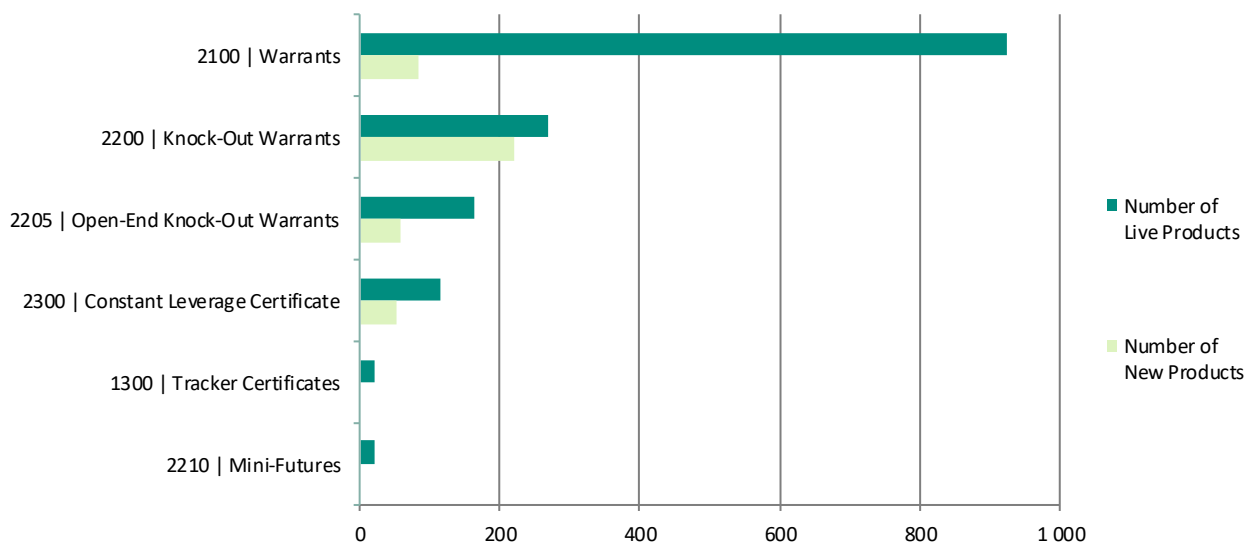
Product Overview

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 | 924 | -6.3% | 4.9% | 61.1% | 85 | 11.8% | -23% | 20.4% |
| 2200 Knock-Out Warrants | 268 | -11.6% | -18.6% | 17.7% | 221 | 33% | -0.9% | 53.1% |
| 2205 Open-End Knock-Out Warrants | 164 | -6.8% | 92% | 10.9% | 57 | 338% | 83% | 13.7% |
| 2300 Constant Leverage Certificate | 114 | 10.9% | -36% | 7.5% | 53 | | 809% | 12.7% |
| 1300 Tracker Certificates | 22 | 0.0% | -1.3% | 1.5% | 0 | | -100% | 0.0% |
| 2210 Mini-Futures | 20 | -6.5% | 72% | 1.3% | 0 | | -100% | 0.0% |
| Total | 1,513 | -6.1% | 0.2% | 100% | 416 | 63.1% | 11.5% | 100% |

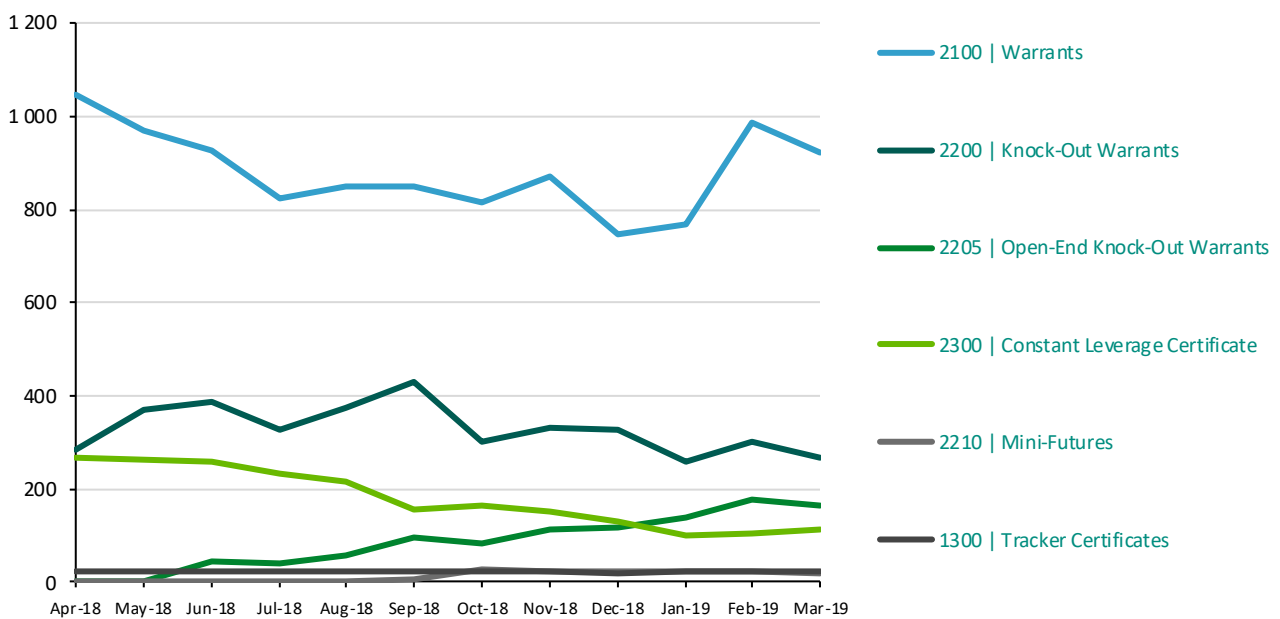
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

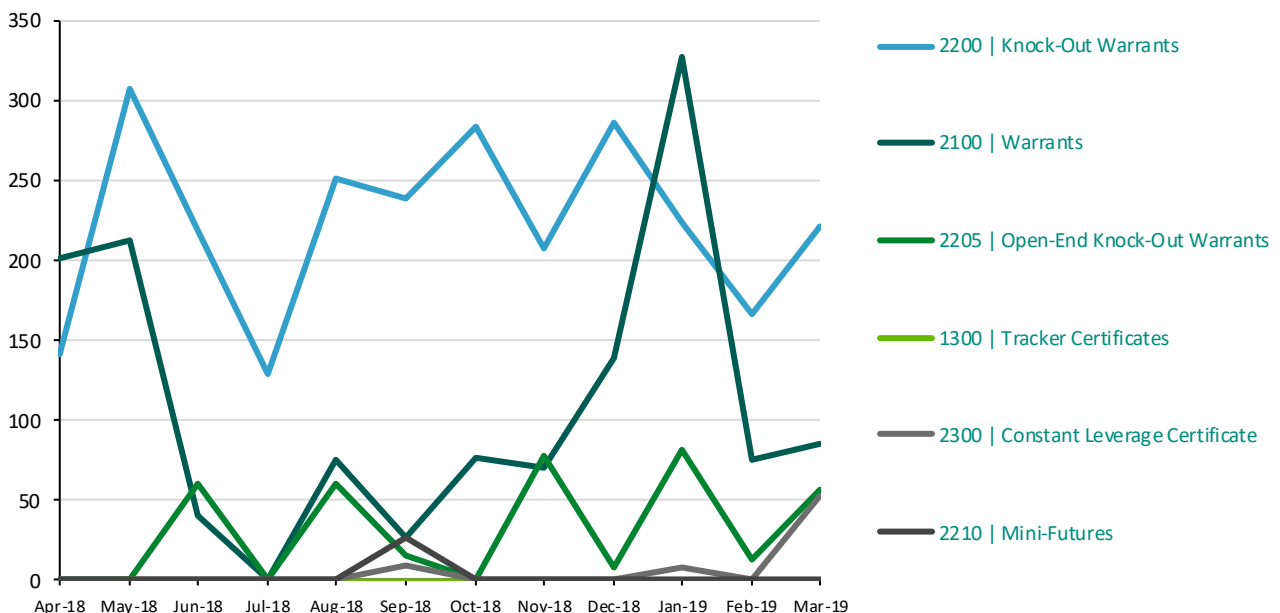
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT STRATEGIES

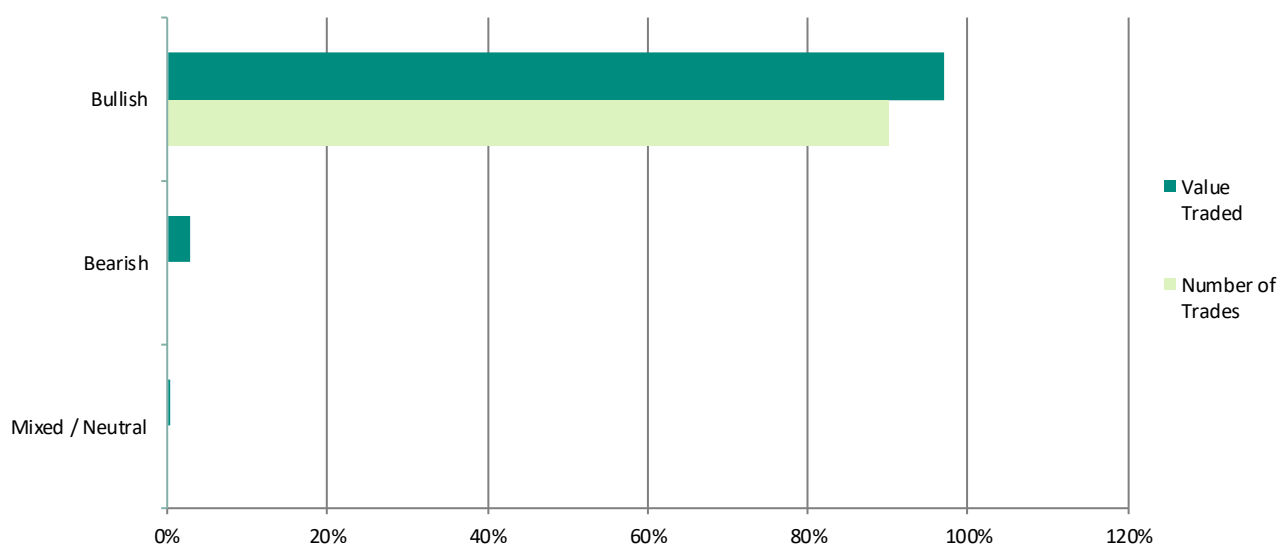
Market Overview

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

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

| Product Strategies | Value Traded | | | | Number of Trades | | | |
|--------------------|-----------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| Bullish | 6,416 | 59% | 143% | 97.0% | 499 | 45.4% | 86.5% | 90.0% |
| Bearish | 189 | -11.2% | -7.3% | 2.8% | 0.0 | -100% | -100% | 0.0% |
| Mixed / Neutral | 11 | 89% | 45% | 0.2% | 0.0 | -100% | -100% | 0.0% |
| Total | 6,616 | 55.9% | 132.1% | 100% | 555 | 33.1% | 69.9% | 100% |

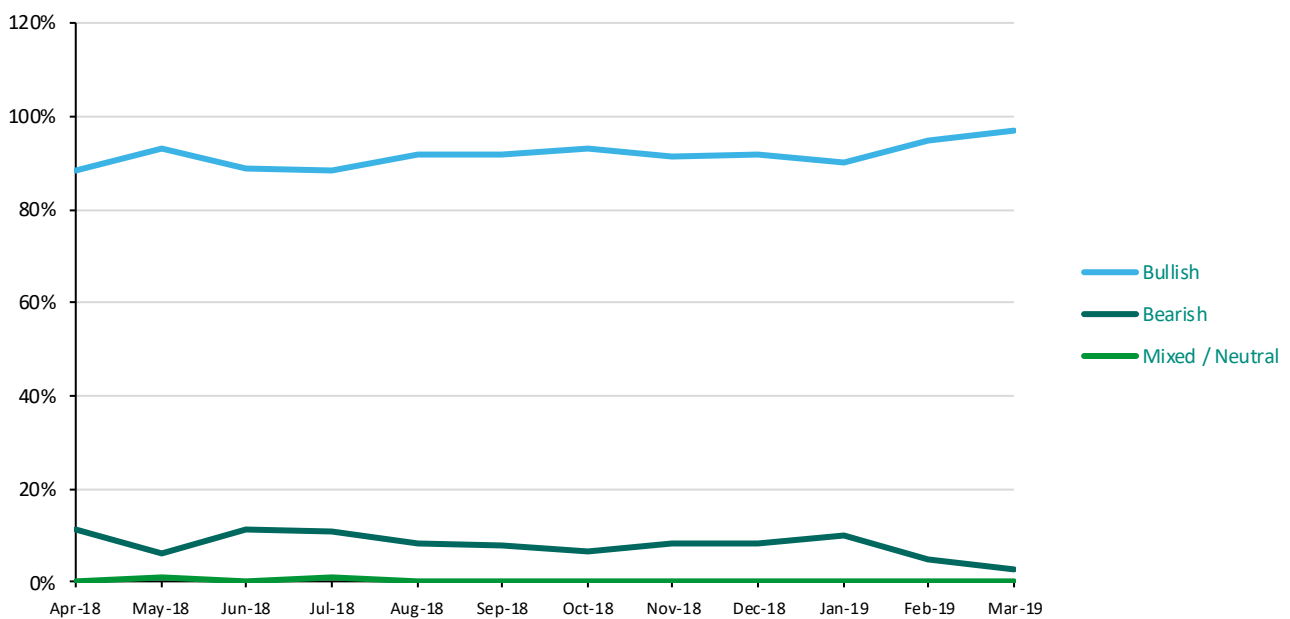
(Source Euronext)



PRODUCT STRATEGIES

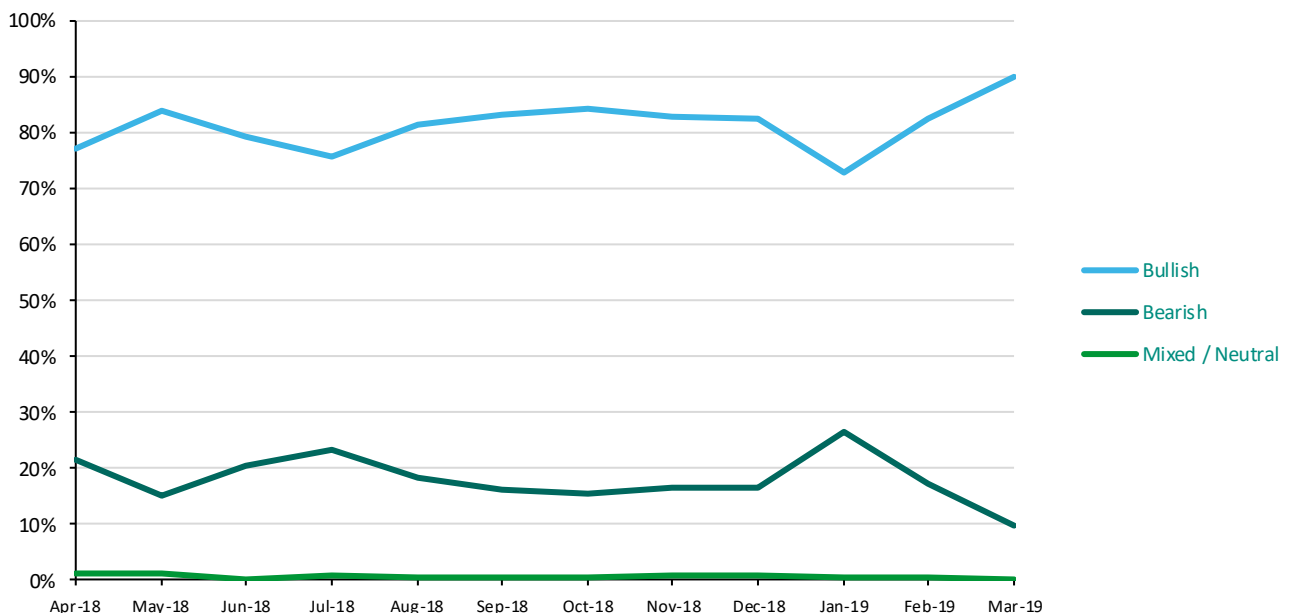
Market Trend: Value traded

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

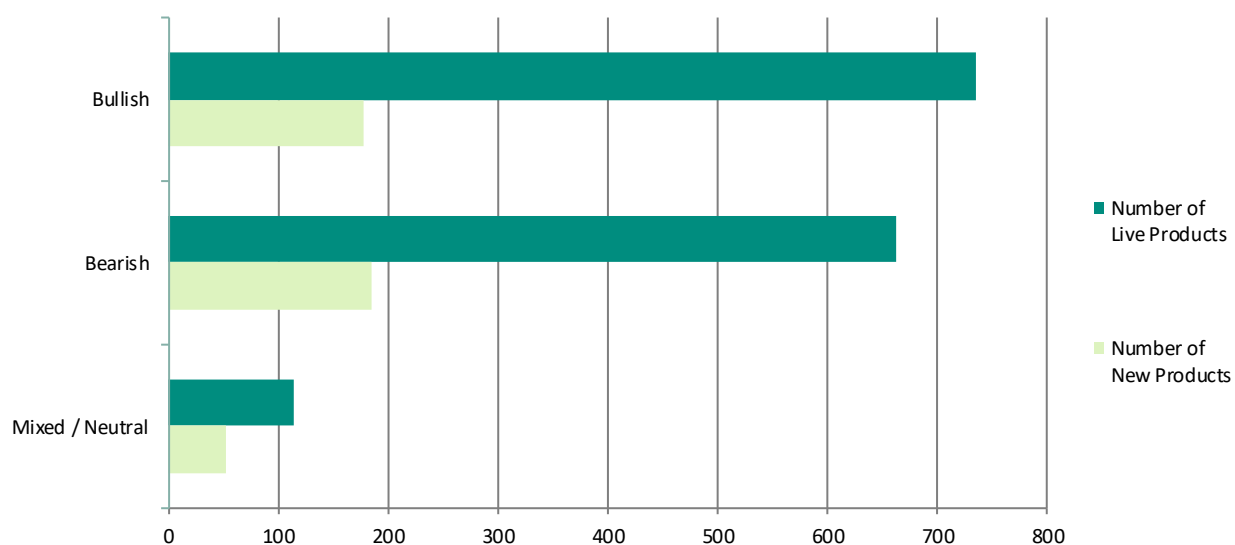
Product Overview

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 | 735 | -7.4% | 8.1% | 48.6% | 178 | 18.7% | -7.6% | 42.8% |
| Bearish | 663 | -7.2% | -4.2% | 43.8% | 185 | 76% | 5.9% | 44.5% |
| Mixed / Neutral | 114 | 10.9% | -16.5% | 7.5% | 53 | | 809% | 12.7% |
| Total | 1,513 | -6.1% | 0.2% | 100% | 416 | 63.1% | 11.5% | 100% |

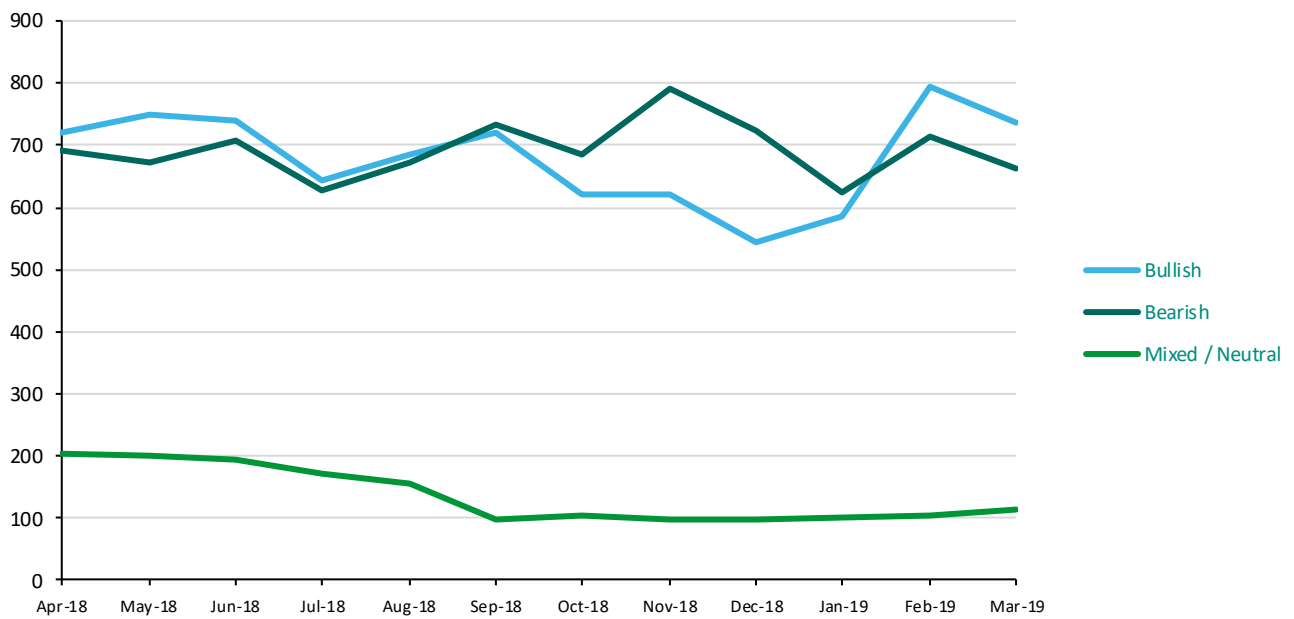
(Source Euronext)



PRODUCT STRATEGIES

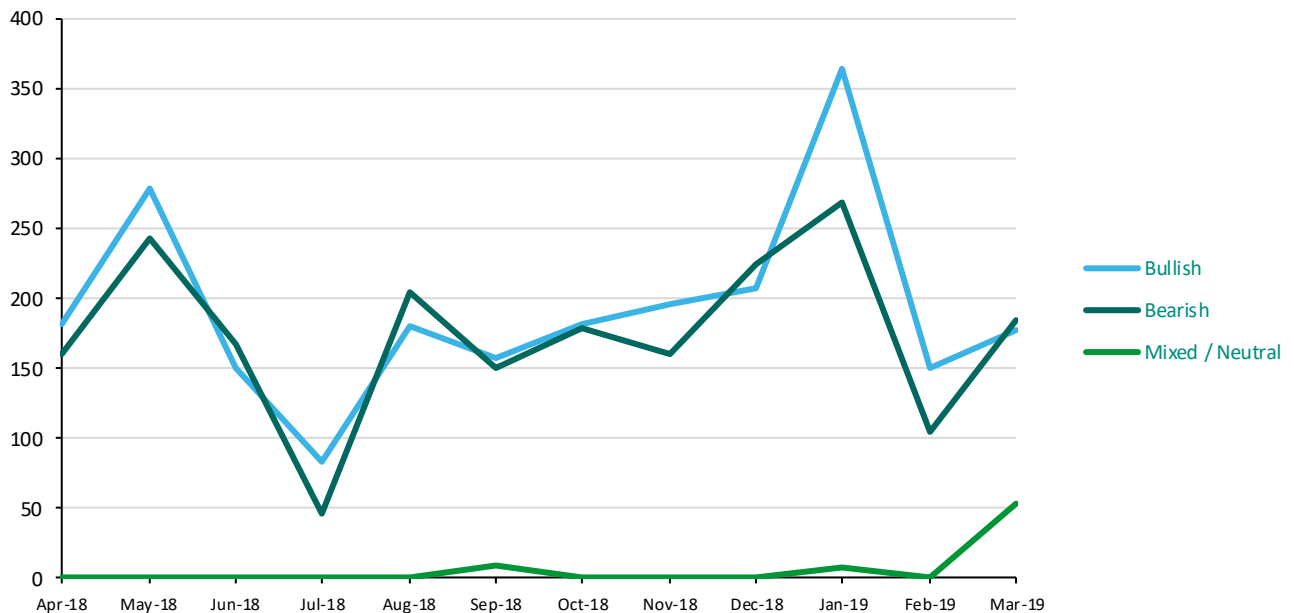
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



UNDERLYING TYPES

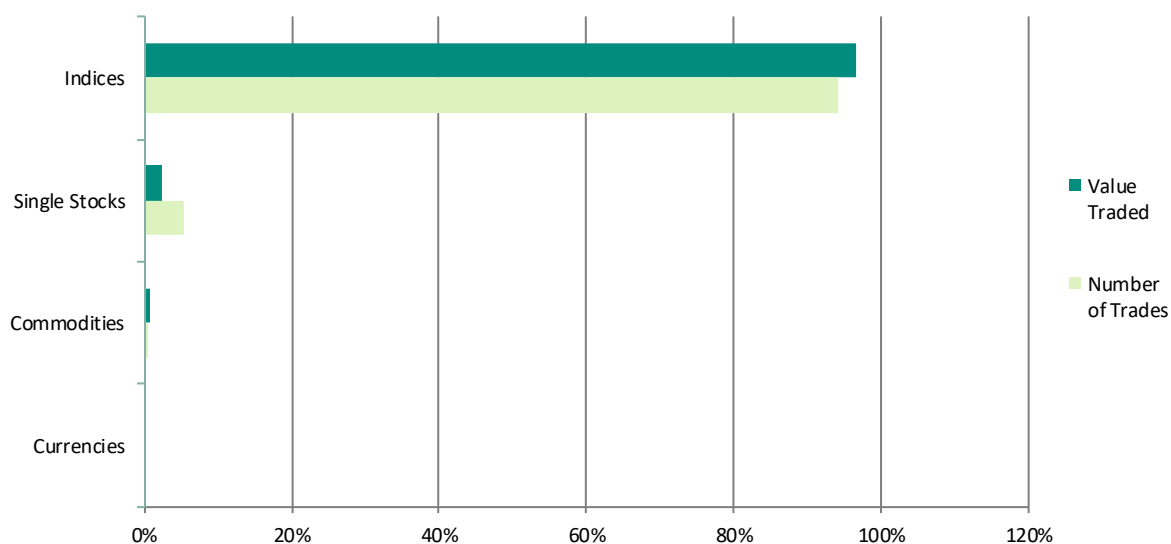
Market Overview

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

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

| Underlying Types | Value Traded | | | | Number of Trades | | | |
|------------------|-----------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| Indices | 6,400 | 56% | 137% | 96.7% | 522 | 34.7% | 76.5% | 94.1% |
| Single Stocks | 161 | 59% | 43% | 2.4% | 30 | 17.5% | 17.4% | 5.3% |
| Commodities | 55 | 87% | 77% | 0.8% | 2.8 | -26.1% | -35.5% | 0.5% |
| Currencies | 0 | -100% | -100% | 0.0% | 0.0 | -100.0% | -100.0% | 0.0% |
| Total | 6,616 | 55.9% | 132.1% | 100% | 555 | 33.1% | 69.9% | 100% |

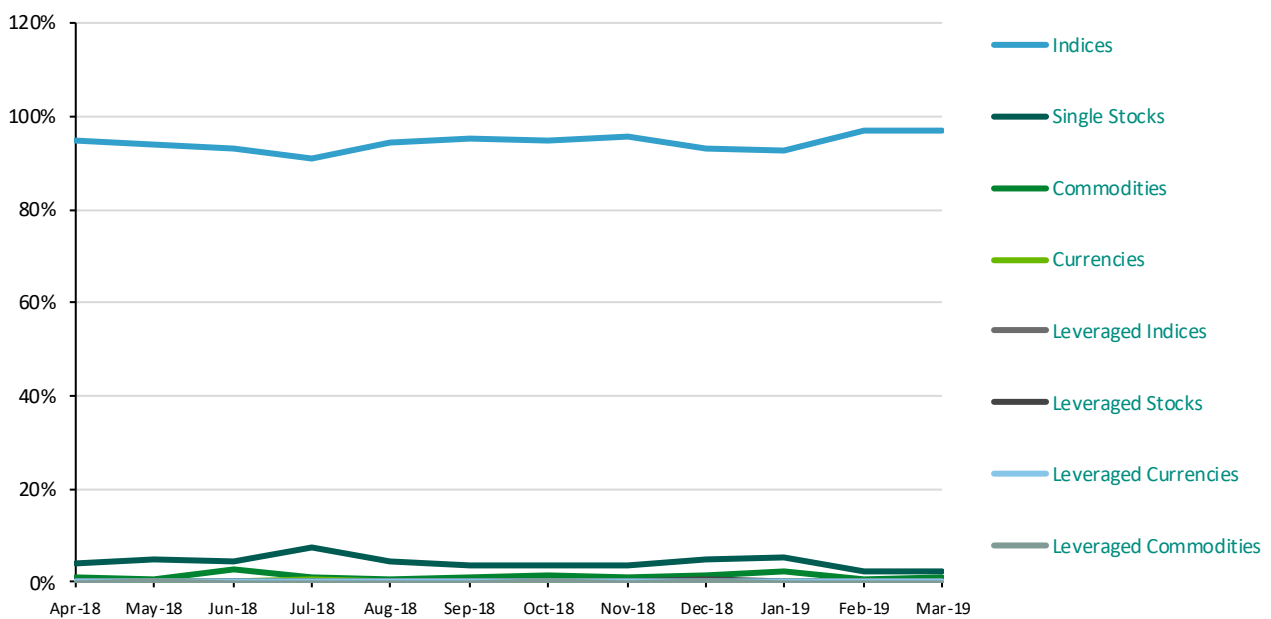
(Source Euronext)



UNDERLYING TYPES

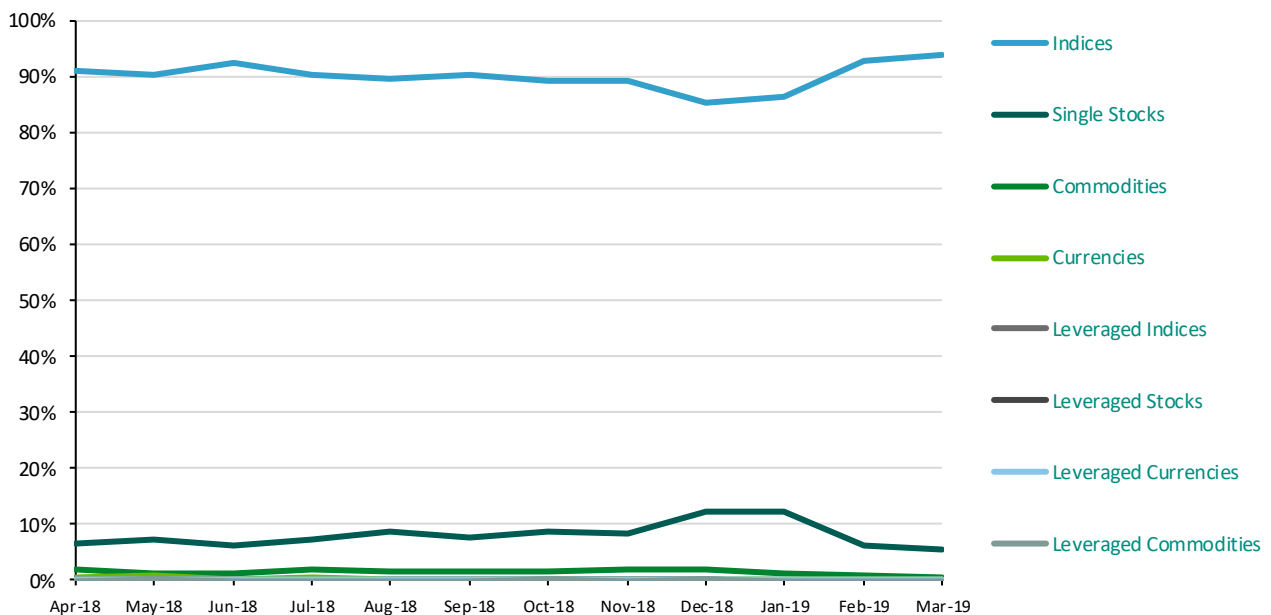
Market Trend: Value traded

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

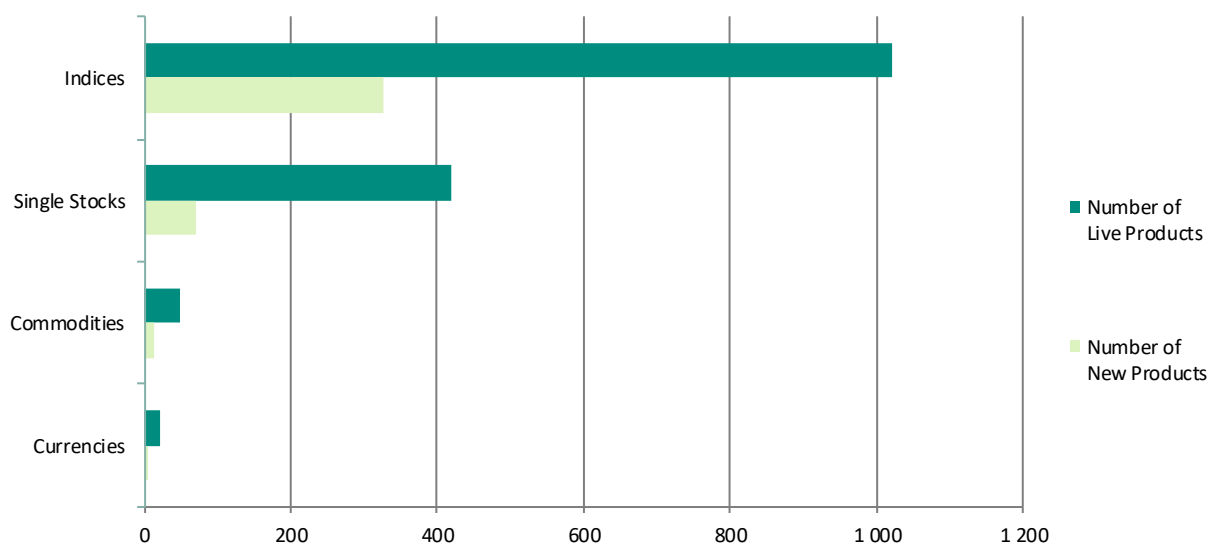
Product Overview

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 | 1,022 | -5.3% | 12.6% | 67.6% | 326 | 36% | 14.9% | 78.4% |
| Single Stocks | 420 | -9.3% | -13.0% | 27.8% | 70 | NA | -6.5% | 16.8% |
| Commodities | 49 | -1.4% | -8.2% | 3.2% | 14 | 75% | 51% | 3.4% |
| Currencies | 21 | 9.9% | -6.2% | 1.4% | 6 | 200% | 9.1% | 1.4% |
| Total | 1,513 | -6.1% | 0.2% | 100% | 416 | 63.1% | 11.5% | 100% |

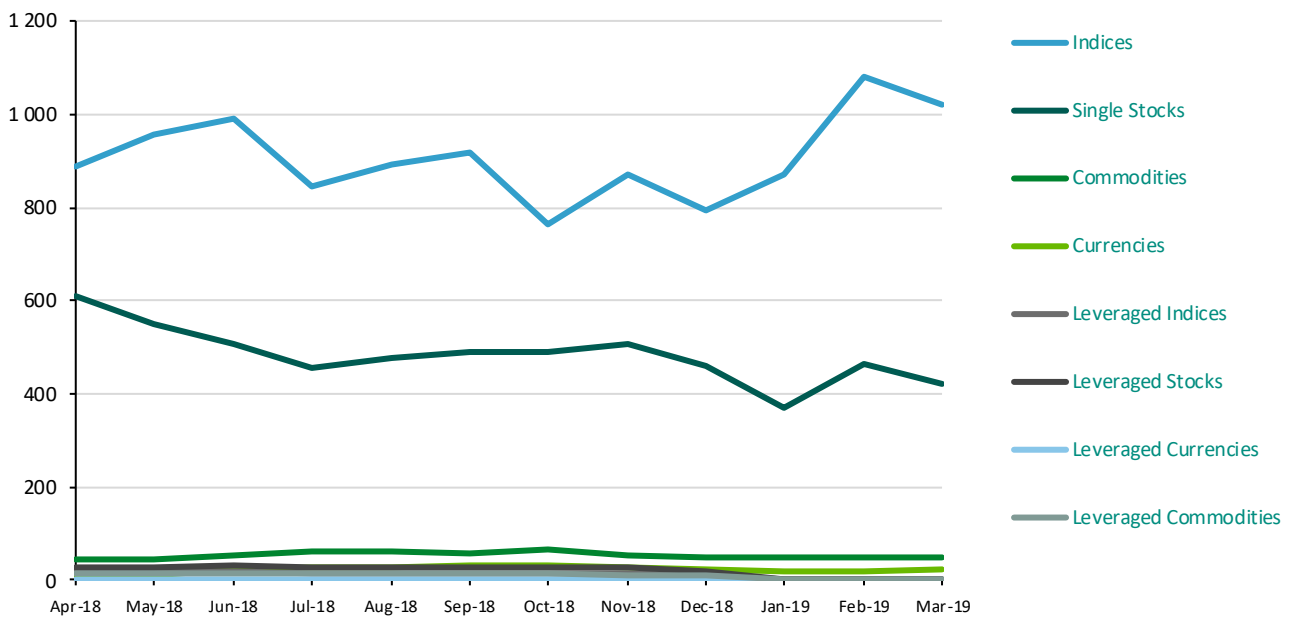
(Source Euronext)



UNDERLYING TYPES

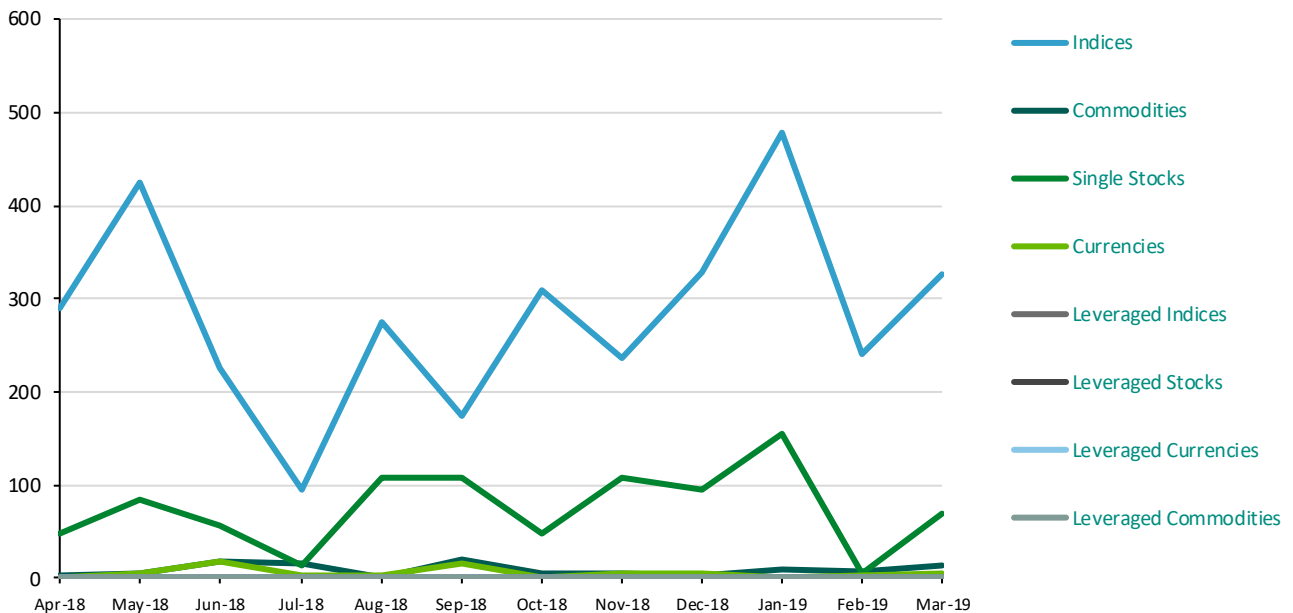
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



TOP 10 UNDERLYING COUNTRIES

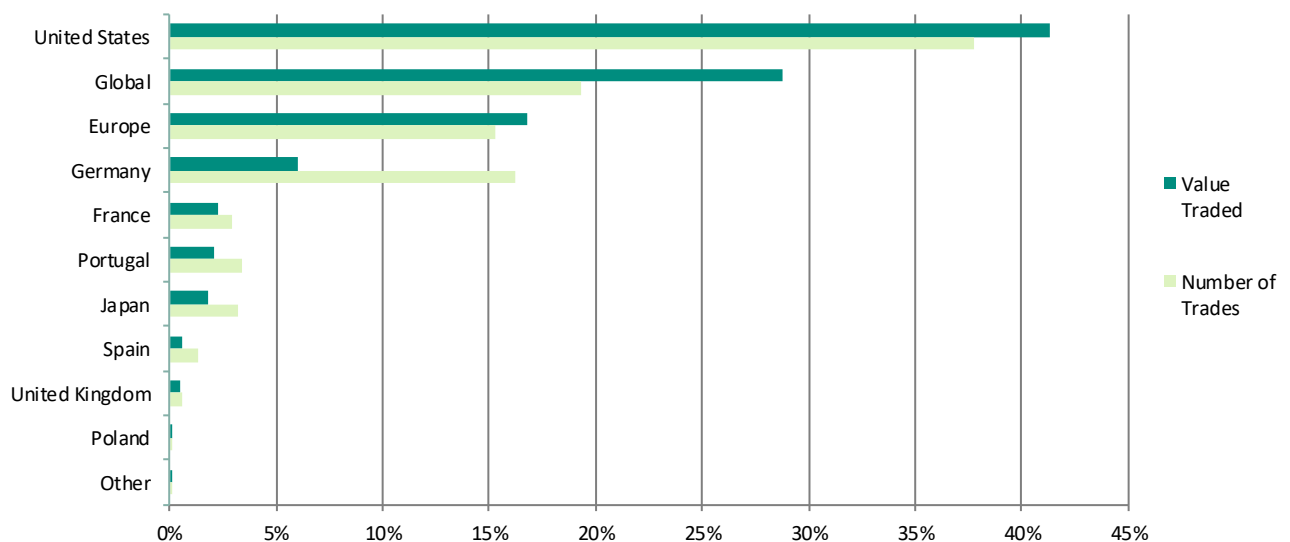
Market Overview

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

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

| Underlying Countries | Value Traded | | | | Number of Trades | | | |
|----------------------|-----------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| United States | 2,734 | 88% | 142% | 41.3% | 210 | 58.5% | 82.3% | 37.8% |
| Global | 1,905 | 49% | 244% | 28.8% | 107 | 62% | 125% | 19.3% |
| Europe | 1,110 | 45% | 111% | 16.8% | 85 | 39% | 118% | 15.3% |
| Germany | 396 | -10.2% | 3.5% | 6.0% | 90 | -19.1% | 3.8% | 16.2% |
| France | 148 | 42% | 95% | 2.2% | 16 | 28% | 62% | 3.0% |
| Portugal | 136 | 75% | 84% | 2.1% | 19 | 25% | 106% | 3.4% |
| Japan | 120 | 64% | 74% | 1.8% | 18 | 64% | 36% | 3.2% |
| Spain | 36 | 7.5% | 24% | 0.5% | 7.2 | 17.7% | 37% | 1.3% |
| United Kingdom | 29 | 193% | 207% | 0.4% | 3.0 | 82% | 193% | 0.5% |
| Poland | 1 | 144% | 47% | 0.0% | 0.1 | -4.8% | 1.2% | 0.0% |
| Other | 0 | NA | 443% | 0.0% | 0.1 | NA | 355% | 0.0% |
| Total | 6,616 | 55.9% | 132.1% | 100% | 555 | 33.1% | 69.9% | 100% |

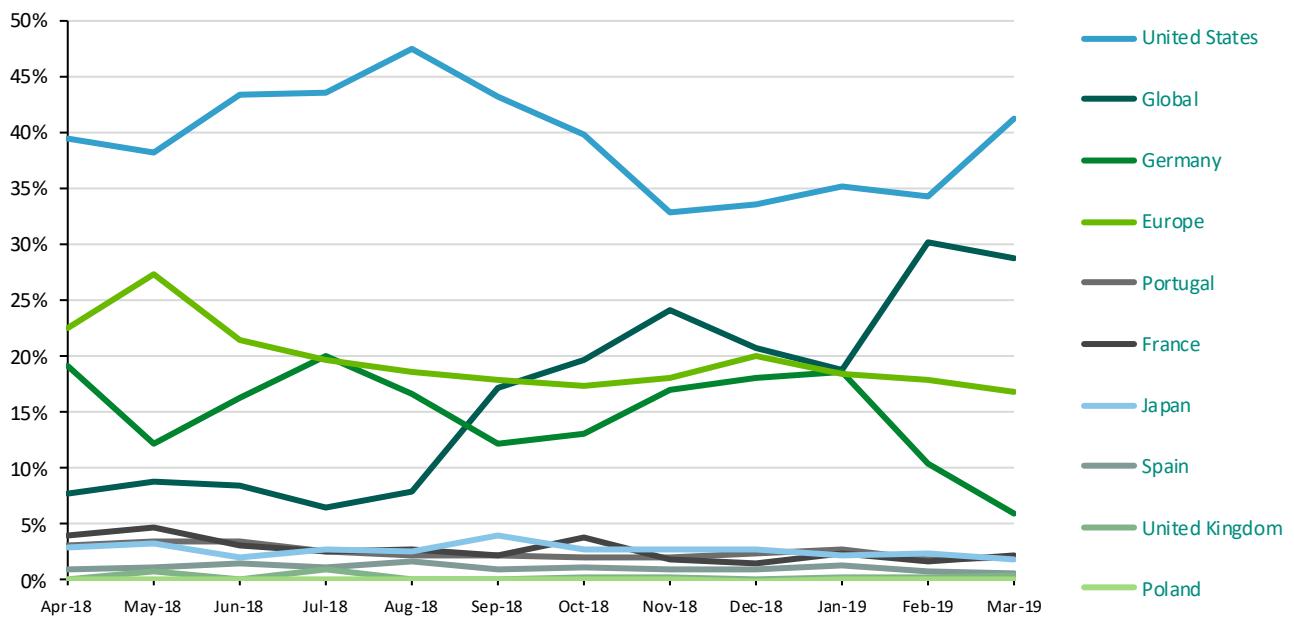
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

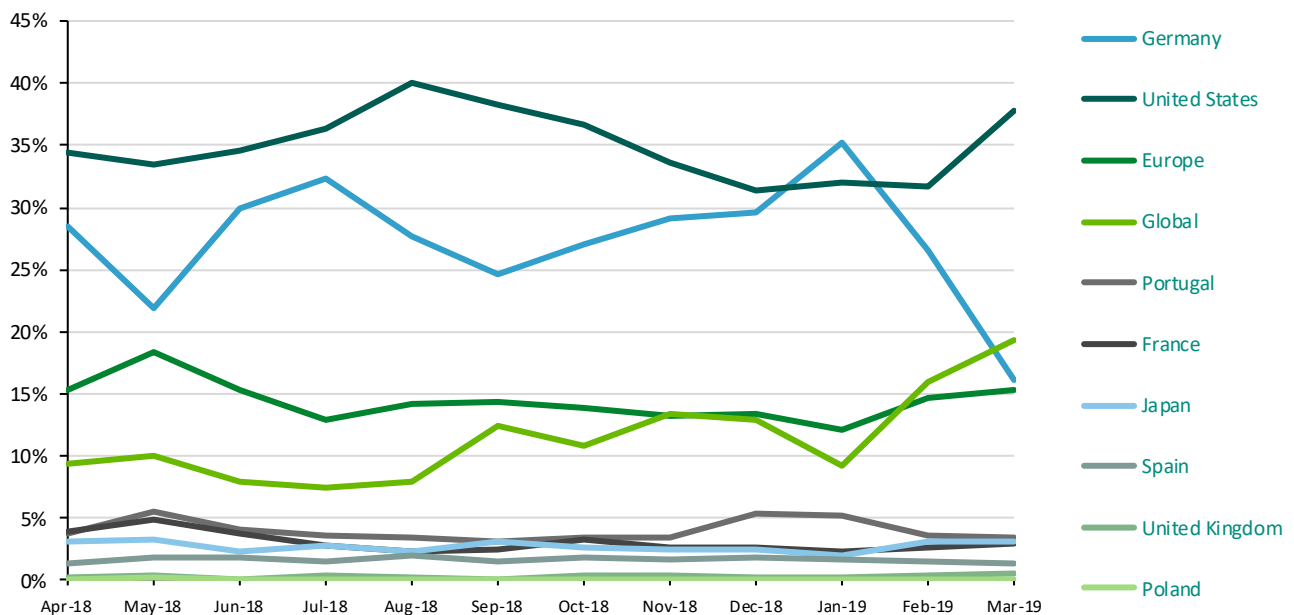
Market Trend: Value traded

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

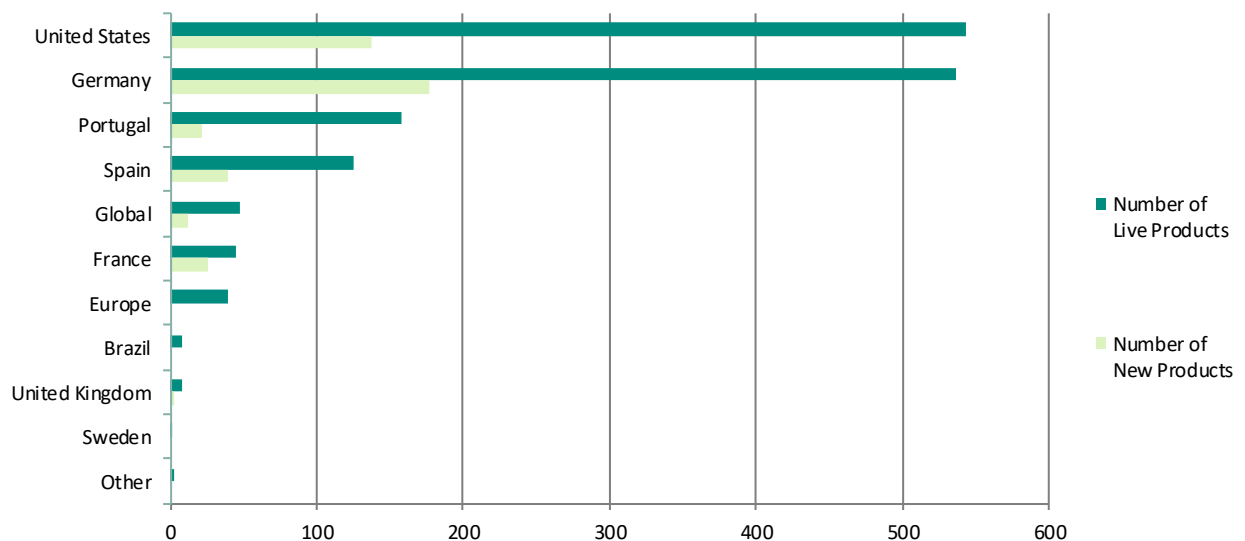
Product Overview

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 |
| United States | 543 | -2.1% | 3.6% | 35.9% | 138 | -12.1% | -11.0% | 33.2% |
| Germany | 537 | -11.6% | 10.4% | 35.5% | 177 | 124% | 32% | 42.5% |
| Portugal | 157 | -7.3% | -26% | 10.4% | 22 | | -9.9% | 5.3% |
| Spain | 126 | -5.0% | 11.8% | 8.3% | 39 | 388% | 21% | 9.4% |
| Global | 47 | -2.7% | -24% | 3.1% | 12 | 50% | 32% | 2.9% |
| France | 45 | 11.6% | -39% | 3.0% | 26 | NA | 99% | 6.3% |
| Europe | 39 | -2.5% | 120% | 2.5% | 0 | -100% | -100% | 0.0% |
| Brazil | 8 | 0.0% | 59% | 0.5% | 0 | | -100% | 0.0% |
| United Kingdom | 8 | 8.8% | 31% | 0.5% | 2 | | 140% | 0.5% |
| Sweden | 1 | -43% | -59% | 0.1% | 0 | | | 0.0% |
| Other | 2 | 0.0% | -63% | 0.1% | 0 | | | 0.0% |
| Total | 1,513 | -6.1% | 0.2% | 100% | 416 | 63.1% | 11.5% | 100% |

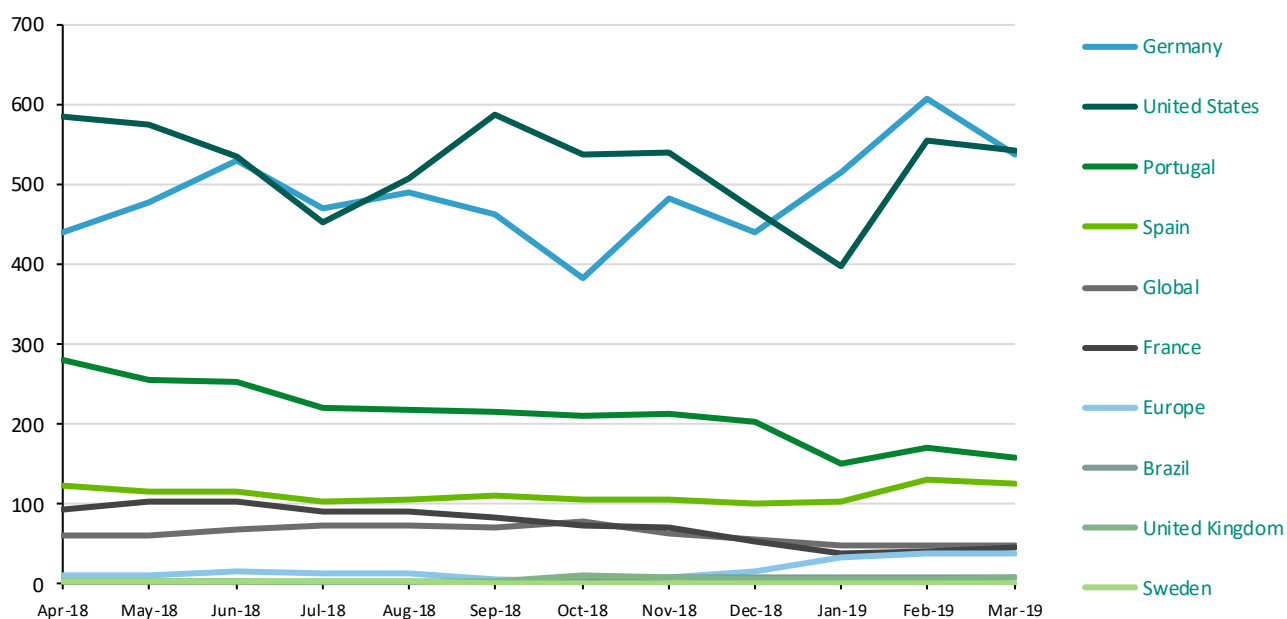
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

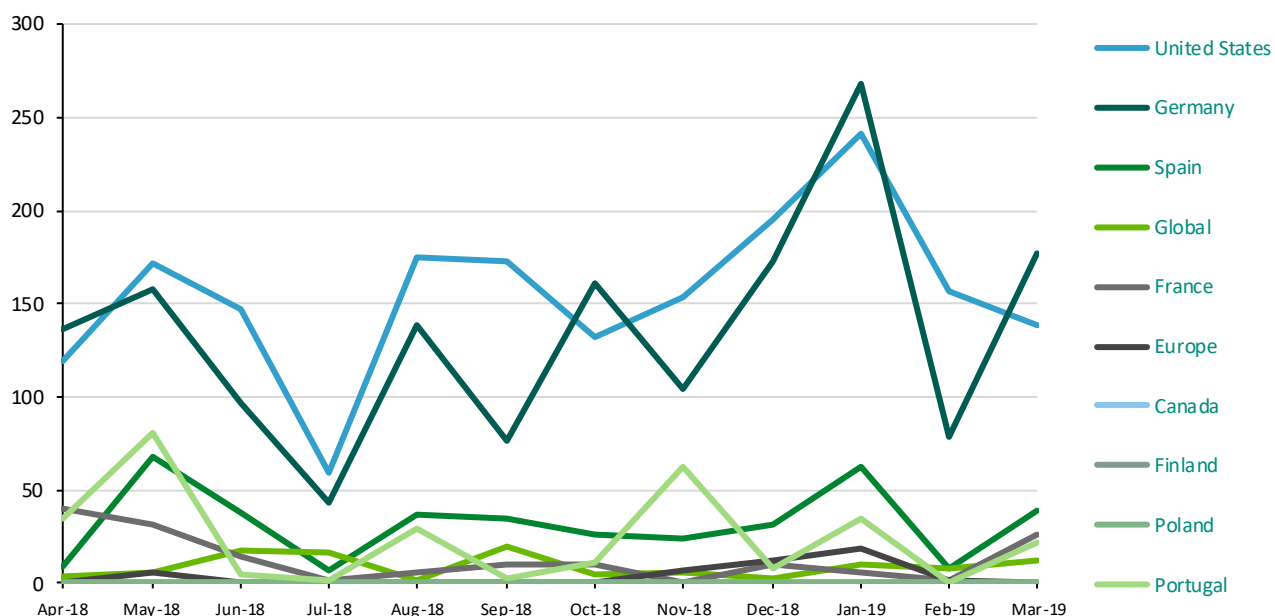
Product Trend: Number of Live Products

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

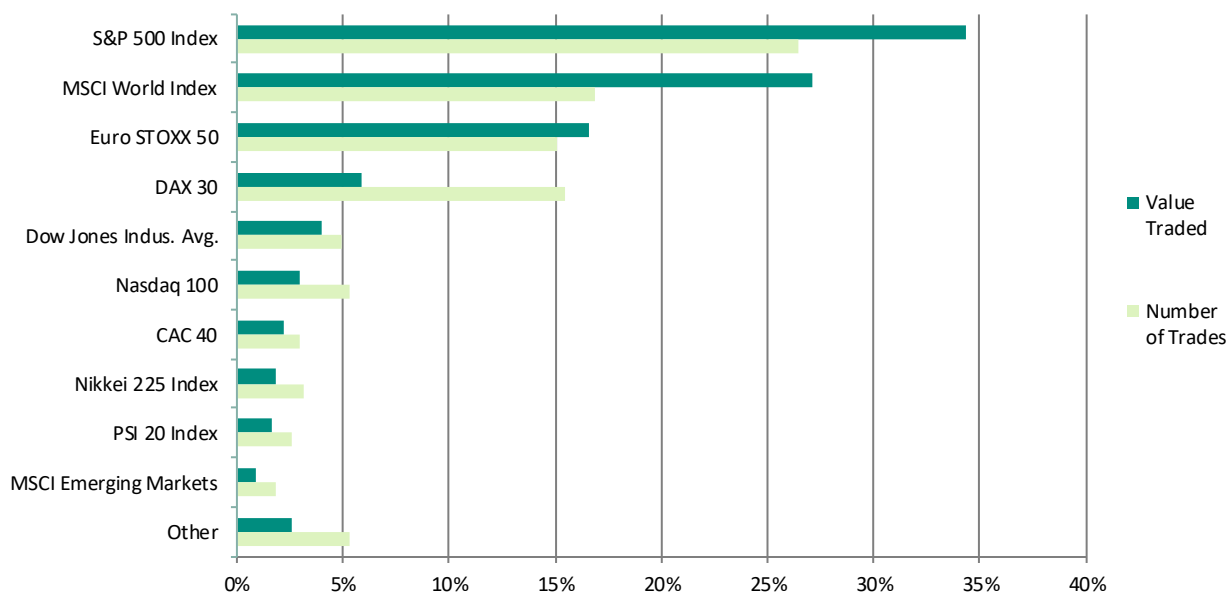
Market Overview

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 |
| S&P 500 Index | 2,270 | 89% | 202% | 34.3% | 147 | 165.8% | 136.7% | 26.5% |
| MSCI World Index | 1,791 | 62% | 231% | 27.1% | 94 | 14.1% | 103% | 16.9% |
| Euro STOXX 50 | 1,100 | 46% | 146% | 16.6% | 83 | 39% | 215% | 15.0% |
| DAX 30 | 388 | -9.3% | 4.1% | 5.9% | 86 | -19.6% | 3.3% | 15.5% |
| Dow Jones Indus. Avg. | 264 | 48% | 16.6% | 4.0% | 28 | 60% | -9.5% | 5.0% |
| Nasdaq 100 | 194 | 19.7% | 66% | 2.9% | 29 | 7.4% | 126% | 5.3% |
| CAC 40 | 148 | 42% | 96% | 2.2% | 16 | 27% | 62% | 2.9% |
| Nikkei 225 Index | 120 | 64% | 63% | 1.8% | 18 | 69% | 95% | 3.2% |
| PSI 20 Index | 110 | 69% | 85% | 1.7% | 14 | 35% | 52% | 2.6% |
| MSCI Emerging Markets | 57 | 14.9% | 22% | 0.9% | 10 | 50% | 30% | 1.9% |
| Other | 173 | 46% | 25% | 2.6% | 29 | 7.2% | 1.9% | 5.3% |
| Total | 6,616 | 55.9% | 132.1% | 100% | 555 | 33.1% | 69.9% | 100% |

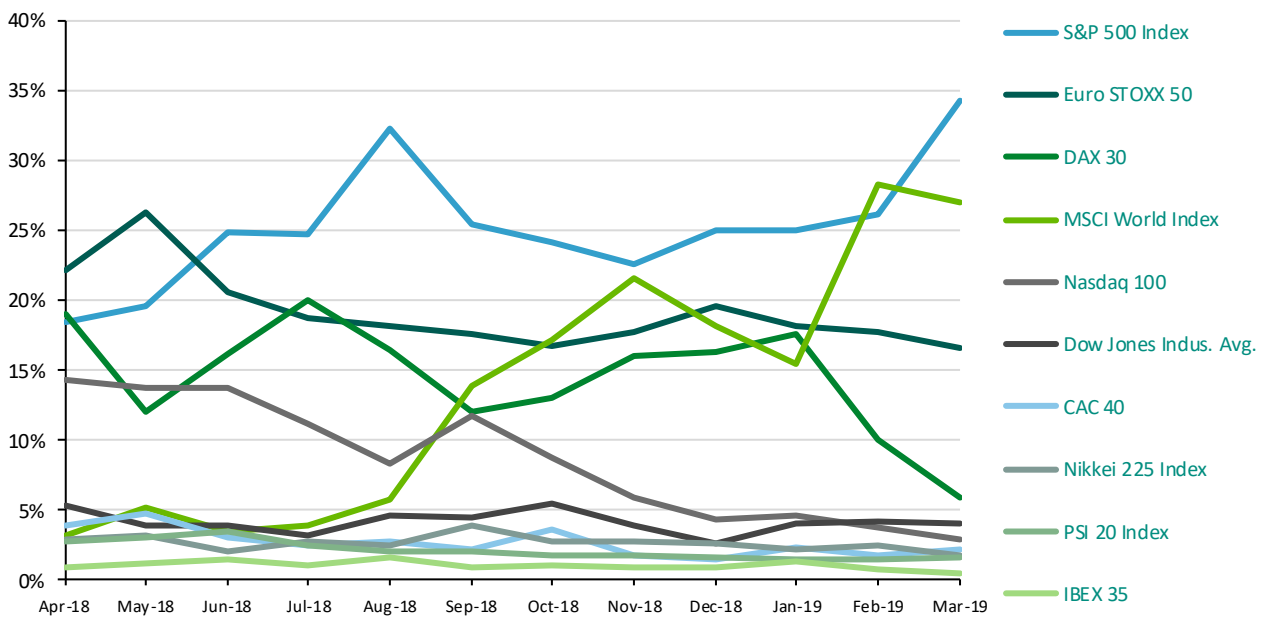
(Source Euronext)



TOP 10 UNDERLYINGS

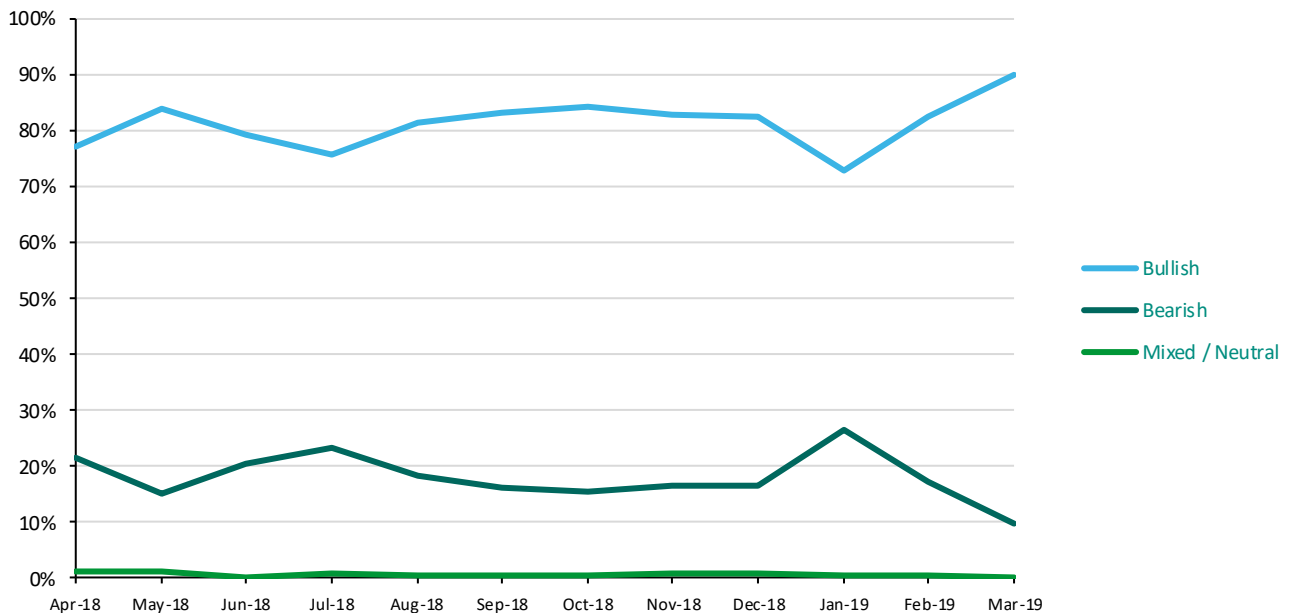
Market Trend: Value traded

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

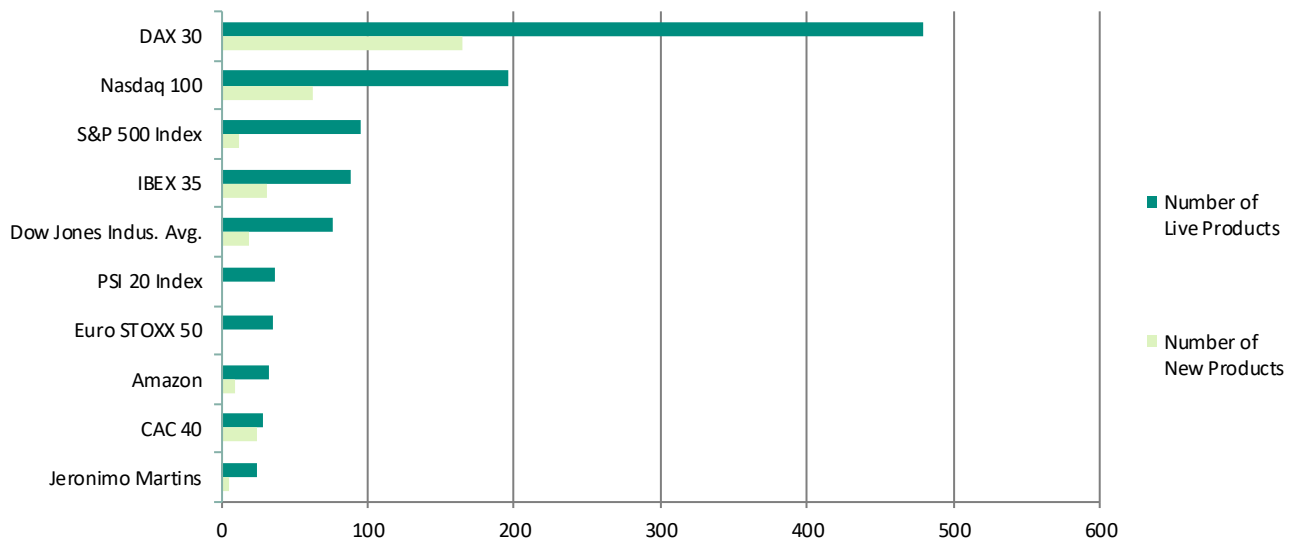
Product Overview

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 | 479 | -13.0% | 16.0% | 31.7% | 165 | 109% | 29% | 39.7% |
| Nasdaq 100 | 195 | 2.9% | 22% | 12.9% | 63 | -31% | -4.8% | 15.1% |
| S&P 500 Index | 95 | 7.9% | 17.7% | 6.3% | 12 | -71% | -38% | 2.9% |
| IBEX 35 | 88 | -6.7% | 4.0% | 5.8% | 31 | 288% | 9.7% | 7.5% |
| Dow Jones Indus. Avg. | 76 | -1.0% | -2.9% | 5.0% | 19 | 5.6% | -25% | 4.6% |
| PSI 20 Index | 36 | -3.0% | -34% | 2.4% | 0 | | -100% | 0.0% |
| Euro STOXX 50 | 36 | -2.7% | 145% | 2.3% | 0 | -100% | -100% | 0.0% |
| Amazon | 33 | -24% | -14.8% | 2.2% | 9 | 800% | -23% | 2.2% |
| CAC 40 | 29 | 28% | -48% | 1.9% | 24 | NA | 110% | 5.8% |
| Jeronimo Martins | 24 | 5.3% | 5.1% | 1.6% | 5 | | 88% | 1.2% |
| Other | 422 | -6.2% | -16.8% | 27.9% | 88 | | | 21.2% |
| Total | 1,513 | -6.1% | 0.2% | 100% | 416 | 63.1% | 11.5% | 100% |

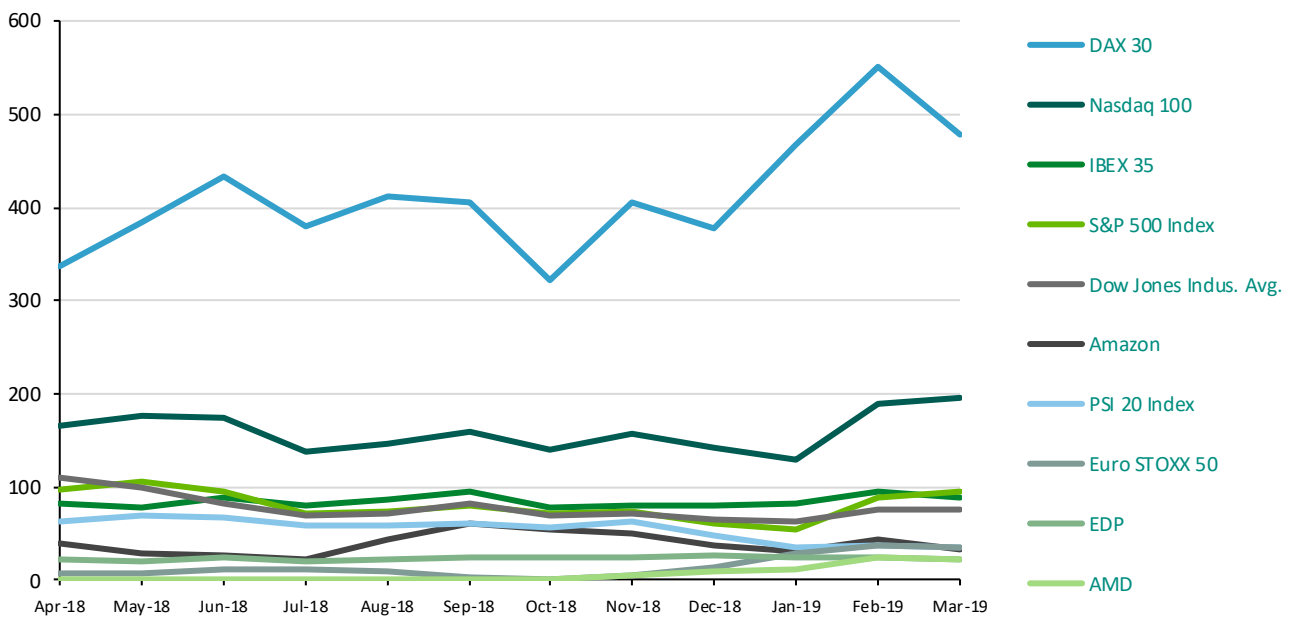
(Source Euronext)



TOP 10 UNDERLYINGS

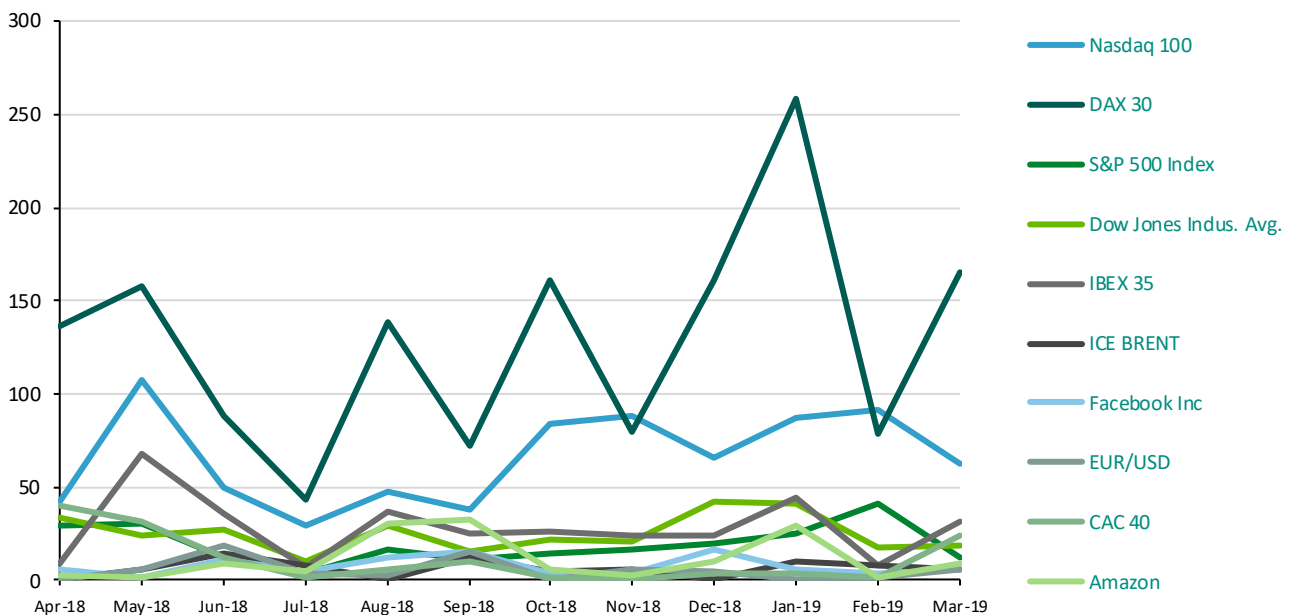
Product Trend: Number of Live Products

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 | 75,240 | 3,940 |
| PTBITAYE0046 | BCP | 1300 | Tracker Certificates | S&P 500 Index | 49,471 | 3,652 |
| PTBIVRYE0068 | BCP | 1300 | Tracker Certificates | Euro STOXX 50 | 46,044 | 3,474 |
| PTBITHYM0080 | BCP | 1300 | Tracker Certificates | S&P 500 Index | 45,752 | 2,408 |
| PTBIYZYE0040 | BCP | 1300 | Tracker Certificates | Dow Jones Indus. Avg. | 10,806 | 1,054 |
| PTBITEYE0034 | BCP | 1300 | Tracker Certificates | DAX 30 | 7,723 | 768 |
| PTBIWBYE0057 | BCP | 1300 | Tracker Certificates | Nasdaq 100 | 6,846 | 550 |
| PTBIWKYE0023 | BCP | 1300 | Tracker Certificates | CAC 40 | 6,208 | 678 |
| PTBCS1YE0010 | BCP | 1300 | Tracker Certificates | Nikkei 225 Index | 5,053 | 742 |
| PTBIY1YE0064 | BCP | 1300 | Tracker Certificates | PSI 20 Index | 4,622 | 578 |
| PTBCTFYE0013 | BCP | 1300 | Tracker Certificates | MSCI Emerging Markets | 2,383 | 432 |
| PTBIWWYE0052 | BCP | 1300 | Tracker Certificates | Gold | 2,017 | 62 |
| DE000CP6NBZ3 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 1,610 | 162 |
| PTBIXRYE0025 | BCP | 1300 | Tracker Certificates | IBEX 35 | 1,471 | 248 |
| DE000CV3LMH1 | Commerzbank | 2100 | Warrants | Galp Energia | 1,026 | 100 |
| DE000CP6NBC2 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 956 | 102 |
| PTBIXQYE0026 | BCP | 1300 | Tracker Certificates | FTSE 100 | 794 | 110 |
| DE000CP6NFD1 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 462 | 68 |
| DE000CV3LAG8 | Commerzbank | 2100 | Warrants | DAX 30 | 450 | 76 |
| DE000CN9RV74 | Commerzbank | 2300 | Constant Leverage Certificate | ALIBABA GROUP HOLDING LTD | 422 | 16 |
| DE000CP6NBU4 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 421 | 66 |
| DE000CJ36K52 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 306 | 146 |
| PTBCLOYE0028 | BCP | 1300 | Tracker Certificates | Euro STOXX Bank | 305 | 44 |
| DE000CP6NA71 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 270 | 36 |
| DE000CP6NBW0 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 252 | 92 |
| DE000CJ36AK5 | Commerzbank | 2100 | Warrants | Nasdaq 100 | 222 | 52 |
| DE000CJ36LQ9 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 205 | 170 |
| DE000CJ36KZ2 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 192 | 102 |
| DE000CV3LAJ2 | Commerzbank | 2100 | Warrants | DAX 30 | 182 | 24 |
| PTBITCYM0077 | BCP | 1300 | Tracker Certificates | ICE BRENT | 176 | 20 |
| DE000CJ35Z22 | Commerzbank | 2100 | Warrants | DAX 30 | 165 | 24 |
| DE000CV3LA17 | Commerzbank | 2100 | Warrants | DAX 30 | 150 | 50 |
| DE000CJ35PC2 | Commerzbank | 2100 | Warrants | BMW | 138 | 74 |
| DE000CJ36K45 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 135 | 50 |
| DE000CP6NBT6 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 135 | 18 |
| DE000CJ36LC9 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 131 | 52 |
| DE000CP6NBB4 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 130 | 30 |
| DE000CJ35Q16 | Commerzbank | 2205 | Open-End Knock-Out Warrants | Euro STOXX 50 | 115 | 18 |
| DE000CP6NCC0 | Citi | 2200 | Knock-Out Warrants | DAX 30 | 107 | 26 |
| DE000CJ36KF4 | Commerzbank | 2200 | Knock-Out Warrants | Nasdaq 100 | 107 | 40 |
| DE000CJ36K86 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 104 | 104 |
| DE000CJ35XB8 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 104 | 68 |
| DE000CV3LAP9 | Commerzbank | 2100 | Warrants | DAX 30 | 102 | 4 |
| DE000CJ36LB1 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 102 | 98 |
| DE000CJ36KQ1 | Commerzbank | 2200 | Knock-Out Warrants | Nasdaq 100 | 101 | 34 |
| PTBCPLYM0043 | BCP | 1300 | Tracker Certificates | Silver | 100 | 2 |
| DE000CJ36AD0 | Commerzbank | 2100 | Warrants | Nasdaq 100 | 99 | 32 |
| DE000CJ36LD7 | Commerzbank | 2200 | Knock-Out Warrants | DAX 30 | 99 | 24 |
| PTBCSYE0010 | BCP | 1300 | Tracker Certificates | FTSE EPRA/NAREIT Euro Zone Ii | 98 | 18 |
| DE000CJ35Z07 | Commerzbank | 2100 | Warrants | DAX 30 | 98 | 16 |

(Source Euronext)



Euronext Paris

ISSUERS

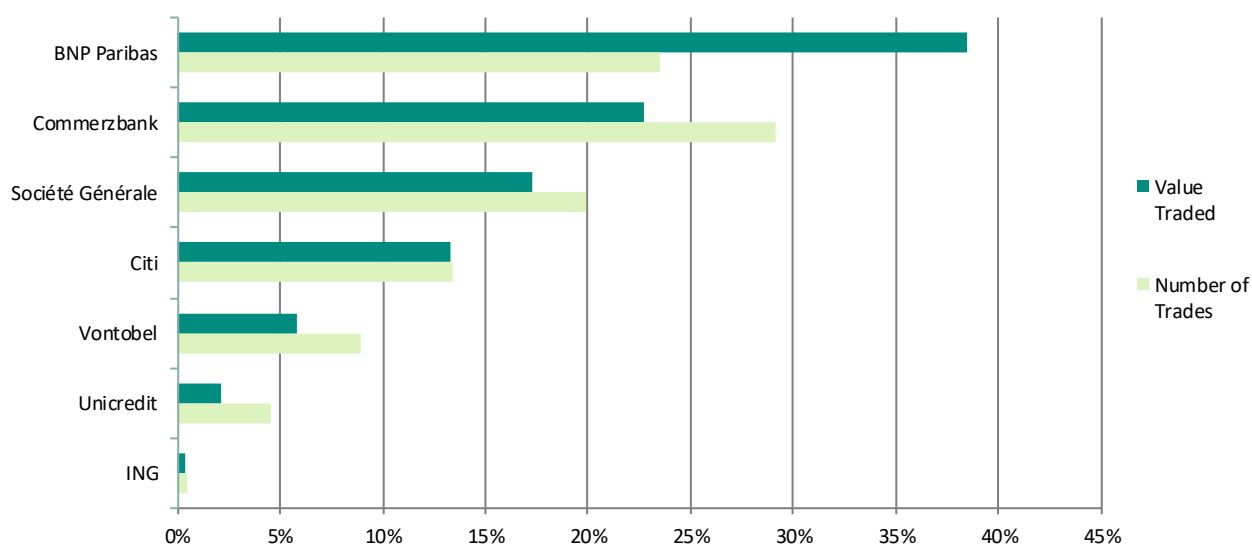
Market Overview

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 | 5,328 | 45% | 29% | 38.5% | 1,083 | -25.7% | -34.6% | 23.5% |
| Commerzbank | 3,141 | -3.8% | -4.0% | 22.7% | 1,346 | 24.1% | 47.0% | 29.2% |
| Société Générale | 2,396 | -1.4% | -13.6% | 17.3% | 920 | -2.7% | 2.8% | 19.9% |
| Citi | 1,834 | 26% | 9.9% | 13.2% | 618 | -9.4% | -21.5% | 13.4% |
| Vontobel | 799 | 10.7% | 31% | 5.8% | 413 | 21.0% | 30.6% | 9.0% |
| Unicredit | 298 | -4.0% | -21% | 2.2% | 212 | 6.3% | 10.3% | 4.6% |
| ING | 48 | -10.7% | -32% | 0.3% | 22 | -4.6% | -32.1% | 0.5% |
| Total | 13,844 | 16.2% | 7.2% | 100% | 4,614 | -2.5% | -3.8% | 100% |

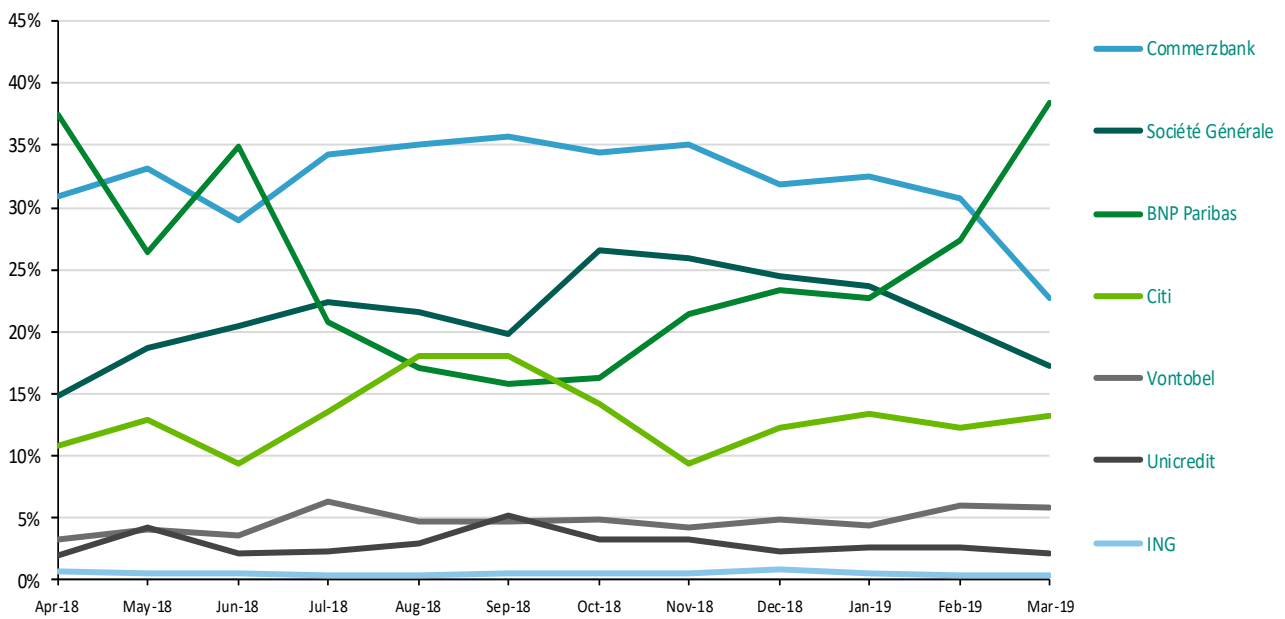
(Source Euronext)



ISSUERS

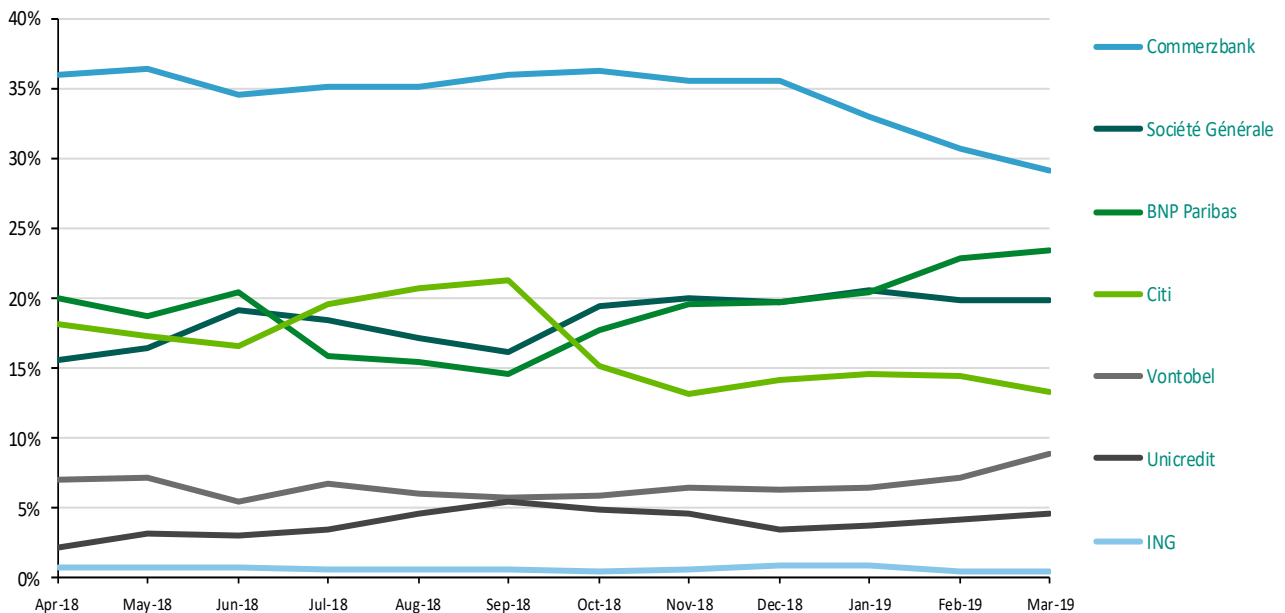
Market Trend: Value traded

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

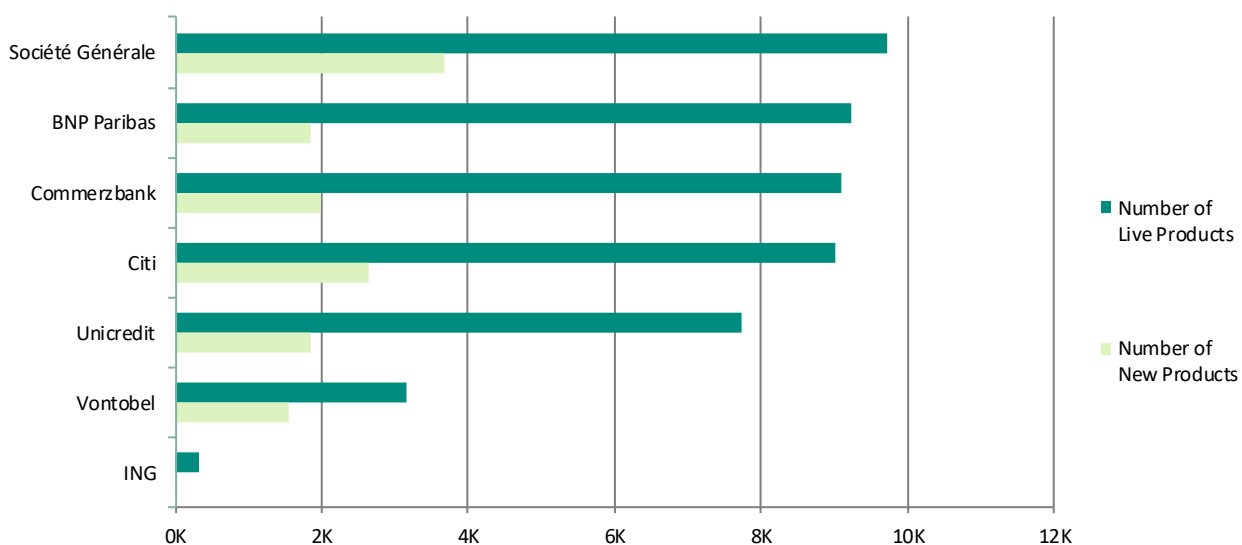
Product Overview

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 |
| Société Générale | 9,714 | -7.9% | 12.3% | 20.1% | 3,664 | 10.0% | 37% | 27.0% |
| BNP Paribas | 9,222 | -4.3% | 33% | 19.1% | 1,842 | -28% | -17.3% | 13.6% |
| Commerzbank | 9,086 | -5.4% | 2.0% | 18.8% | 1,996 | 3.9% | -1.6% | 14.7% |
| Citi | 9,027 | 0.5% | 1.7% | 18.7% | 2,637 | -19.1% | -6.5% | 19.4% |
| Unicredit | 7,740 | 1.5% | 11.6% | 16.0% | 1,839 | -27% | 4.8% | 13.6% |
| Vontobel | 3,155 | -8.6% | -7.2% | 6.5% | 1,558 | 24% | 1.1% | 11.5% |
| ING | 321 | -0.3% | -11.8% | 0.7% | 26 | 8.3% | 13.5% | 0.2% |
| Total | 48,265 | -3.8% | 9.5% | 100% | 13,562 | -8.8% | 3.8% | 100% |

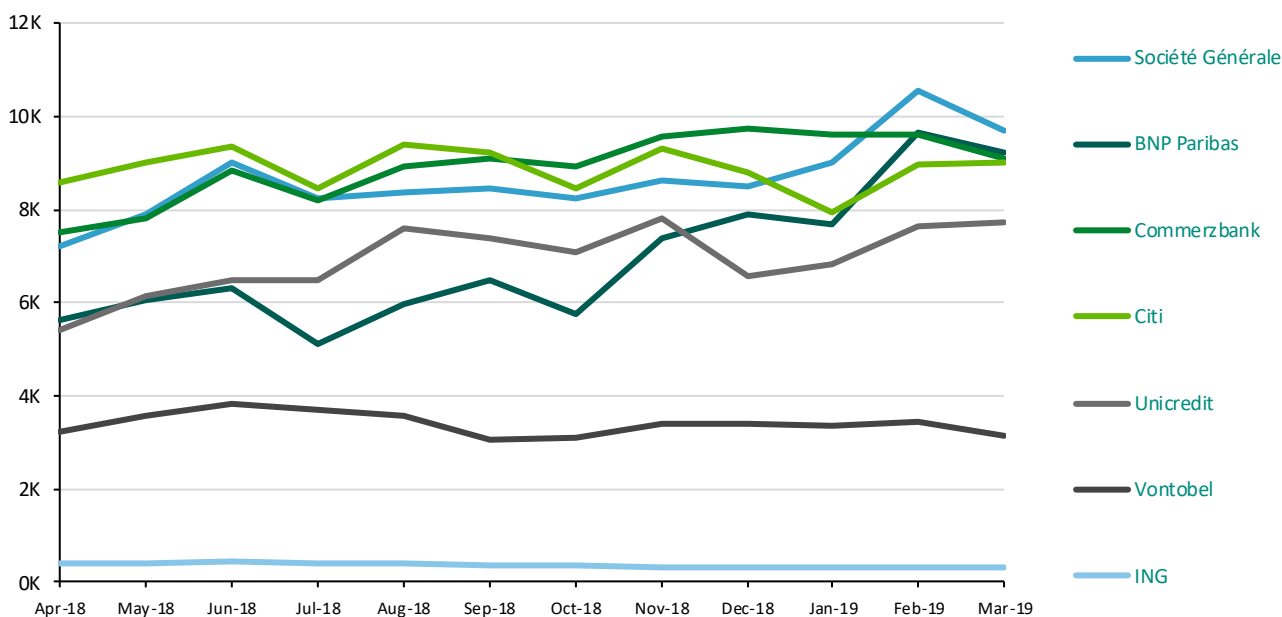
(Source Euronext)



ISSUERS

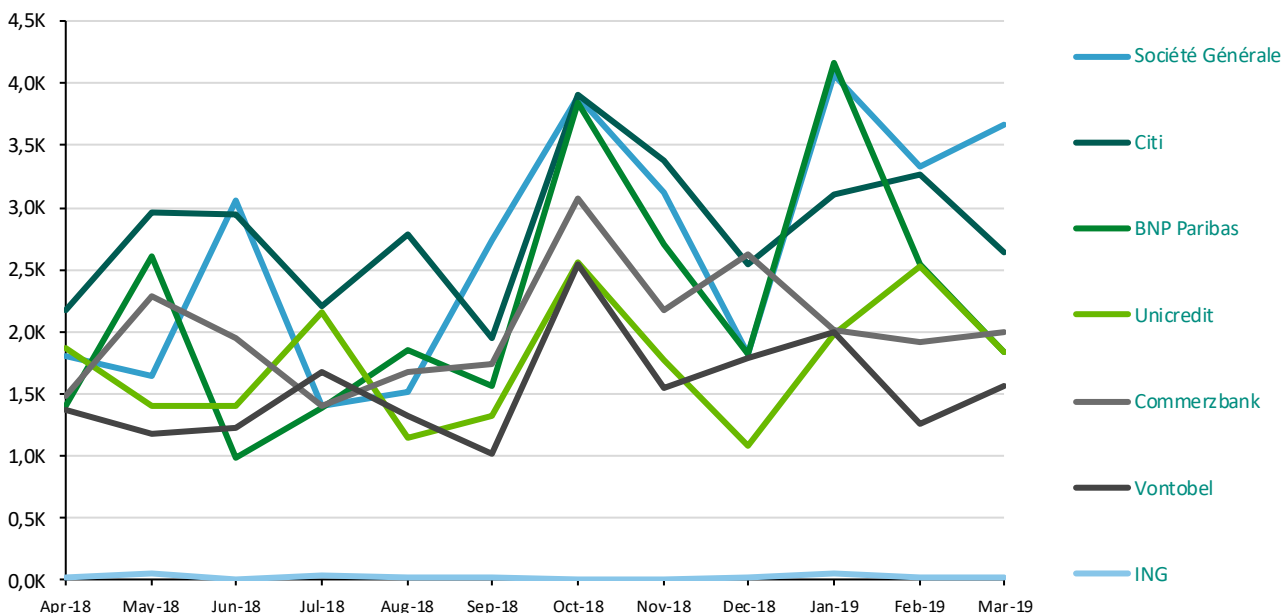
Product Trend: Number of Live Products

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



Product Trend: Number of New Products

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

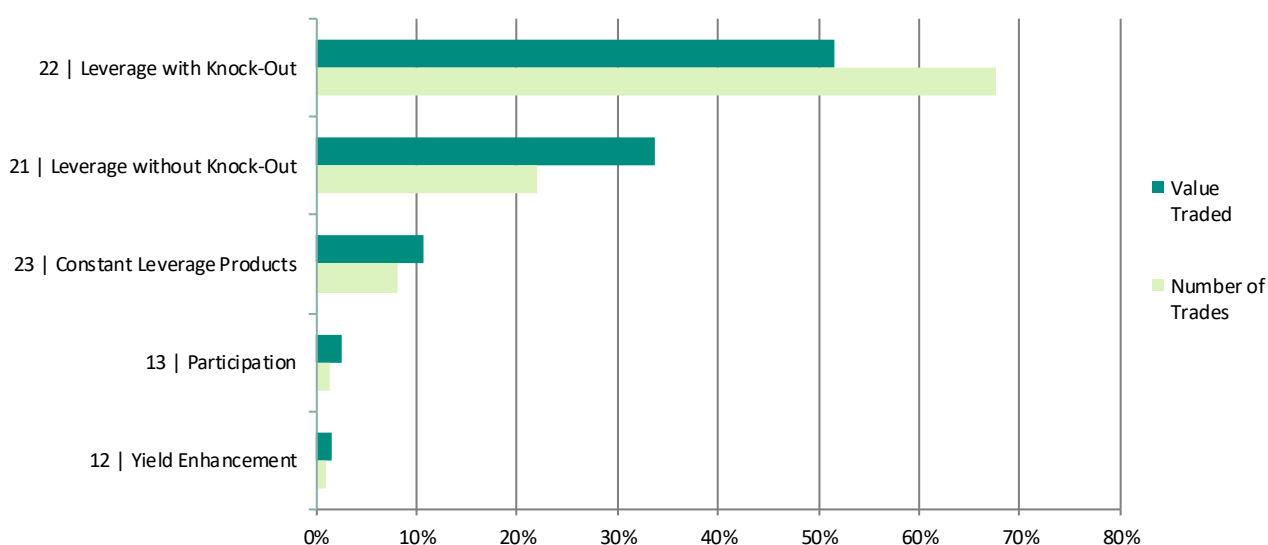
Market Overview

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

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

| Product Types (EUSIPA Categorization Level 2) | Value Traded | | | | Number of Trades | | | |
|--|--------------------------|----------------|--------------------|--------------|------------------|----------------|--------------------|--------------|
| | Daily average (in €k) | Month on month | vs. Last 12 months | Market share | Daily average | Month on month | vs. Last 12 months | Market share |
| 22 Leverage with Knock-Out | 7,149 | 8.4% | 7.1% | 51.6% | 3,122 | 1.0% | 0.1% | 67.7% |
| 21 Leverage without Knock-Out | 4,657 | 42% | 25% | 33.6% | 1,016 | -10.9% | -7.3% | 22.0% |
| 23 Constant Leverage Products | 1,490 | 4.7% | -18.4% | 10.8% | 370 | -4.6% | -20.8% | 8.0% |
| 13 Participation | 345 | 0.8% | -13.1% | 2.5% | 62 | 0.1% | 10.6% | 1.4% |
| 12 Yield Enhancement | 203 | -22% | -26% | 1.5% | 43 | -15.5% | -21.6% | 0.9% |
| Total | 13,844 | 16.2% | 7.2% | 100% | 4,614 | -2.5% | -3.8% | 100% |

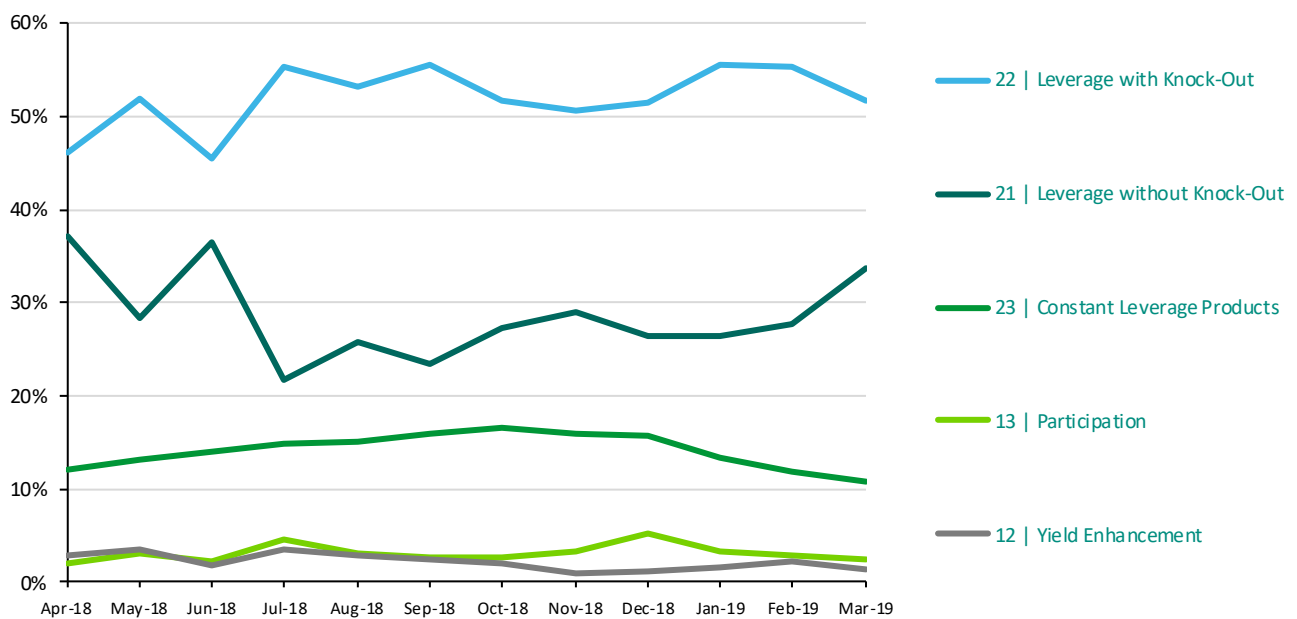
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

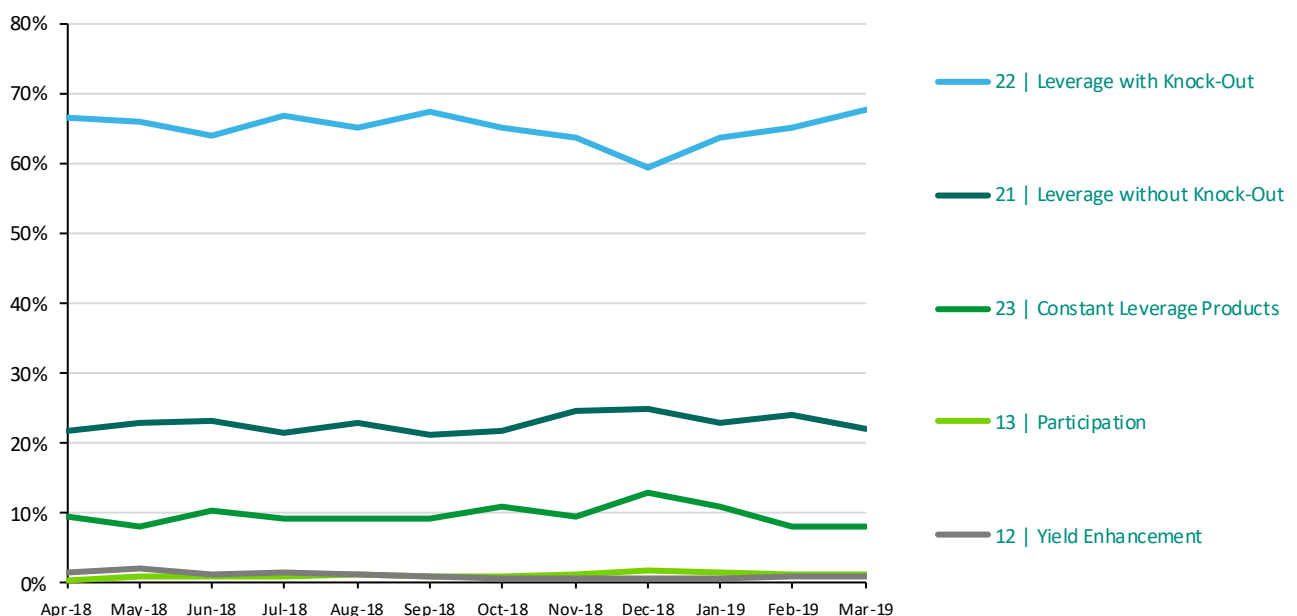
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

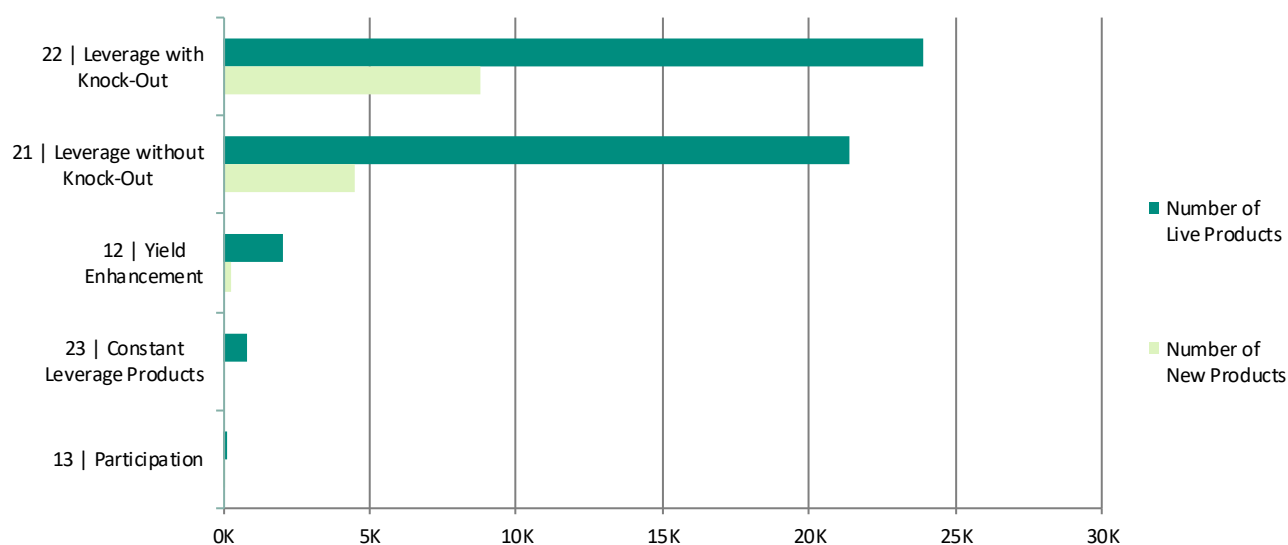
Product Overview

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

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

| Product Types (EUSIPA Categorization Level 2) | Number of Live Products | | | | Number of New Products | | | |
|--|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| 22 Leverage with Knock-Out | 23,893 | -2.6% | 9.5% | 49.5% | 8,791 | -12.8% | -2.0% | 64.8% |
| 21 Leverage without Knock-Out | 21,374 | -5.8% | 7.9% | 44.3% | 4,491 | -4.0% | 17.5% | 33.1% |
| 12 Yield Enhancement | 2,046 | 2.6% | 35% | 4.2% | 278 | 223% | 15.0% | 2.0% |
| 23 Constant Leverage Products | 815 | -0.4% | 5.7% | 1.7% | 0 | -100% | -100% | 0.0% |
| 13 Participation | 137 | -2.6% | -7.5% | 0.3% | 2 | 100% | -71% | 0.0% |
| Total | 48,265 | -3.8% | 9.5% | 100% | 13,562 | -8.8% | 3.8% | 100% |

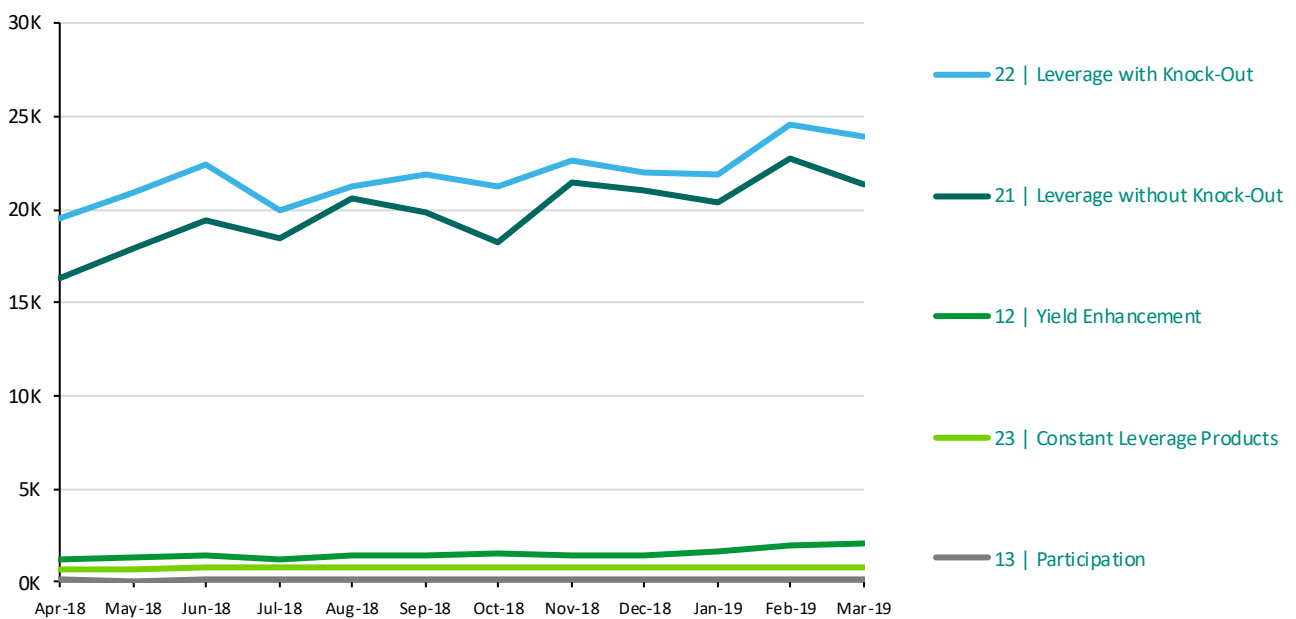
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 2)

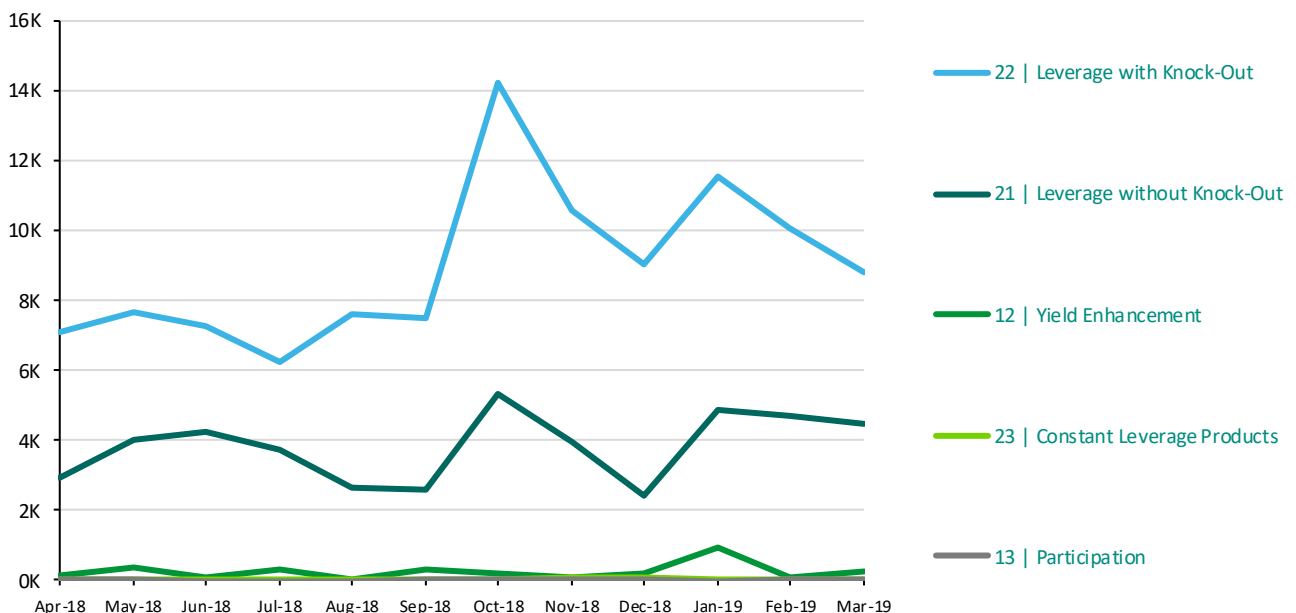
Product Trend: Number of Live Products

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)

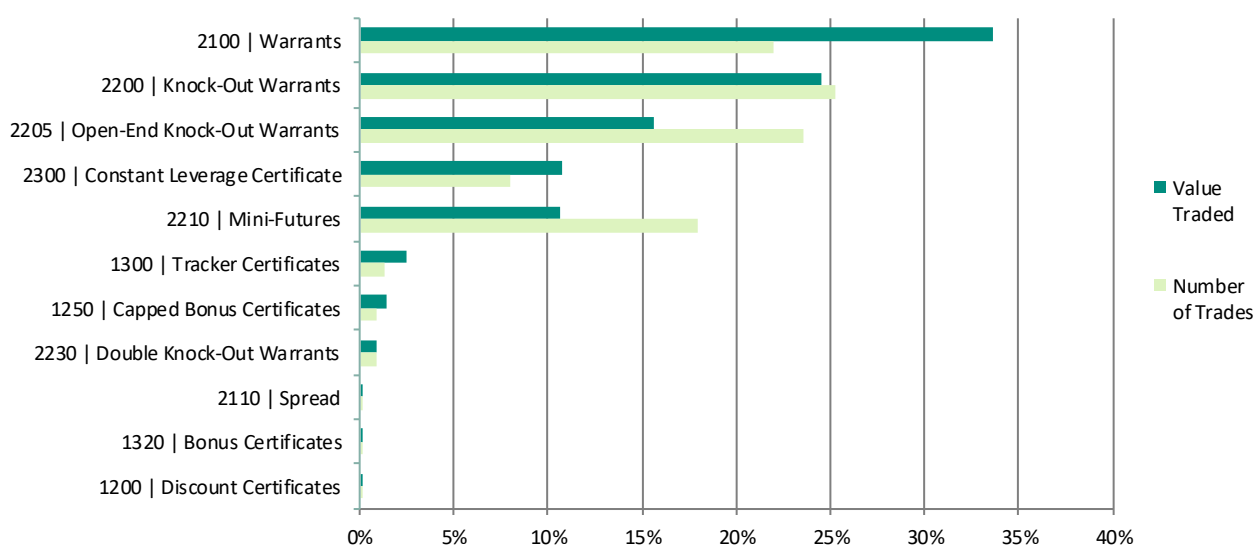
Market Overview

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 | 4,652 | 42% | 25% | 33.6% | 1,012 | -10.8% | -6.8% | 21.9% |
| 2200 Knock-Out Warrants | 3,388 | 25% | 20% | 24.5% | 1,166 | -2.5% | -7.4% | 25.3% |
| 2205 Open-End Knock-Out Warrants | 2,164 | 13.4% | 12.7% | 15.6% | 1,089 | 4.9% | 11.5% | 23.6% |
| 2300 Constant Leverage Certificate | 1,490 | -21% | -19.9% | 10.8% | 370 | -56% | -57% | 8.0% |
| 2210 Mini-Futures | 1,474 | 3.6% | -19.2% | 10.6% | 827 | 113% | 77% | 17.9% |
| 1300 Tracker Certificates | 344 | 0.8% | -12.7% | 2.5% | 62 | 0.0% | 11.0% | 1.3% |
| 1250 Capped Bonus Certificates | 203 | -22% | -26% | 1.5% | 43 | -15.2% | -21% | 0.9% |
| 2230 Double Knock-Out Warrants | 123 | 63% | 55% | 0.9% | 40 | 60% | 91% | 0.9% |
| 2110 Spread | 5 | -72% | -82% | 0.0% | 4.6 | -24% | -54% | 0.1% |
| 1320 Bonus Certificates | 1 | -6.7% | -72% | 0.0% | 0.2 | -24% | -47% | 0.0% |
| 1200 Discount Certificates | 0 | -87% | -95% | 0.0% | 0.0 | -52% | -89% | 0.0% |
| Total | 13,844 | 16.2% | 7.2% | 100% | 4,614 | -2.5% | -3.8% | 100% |

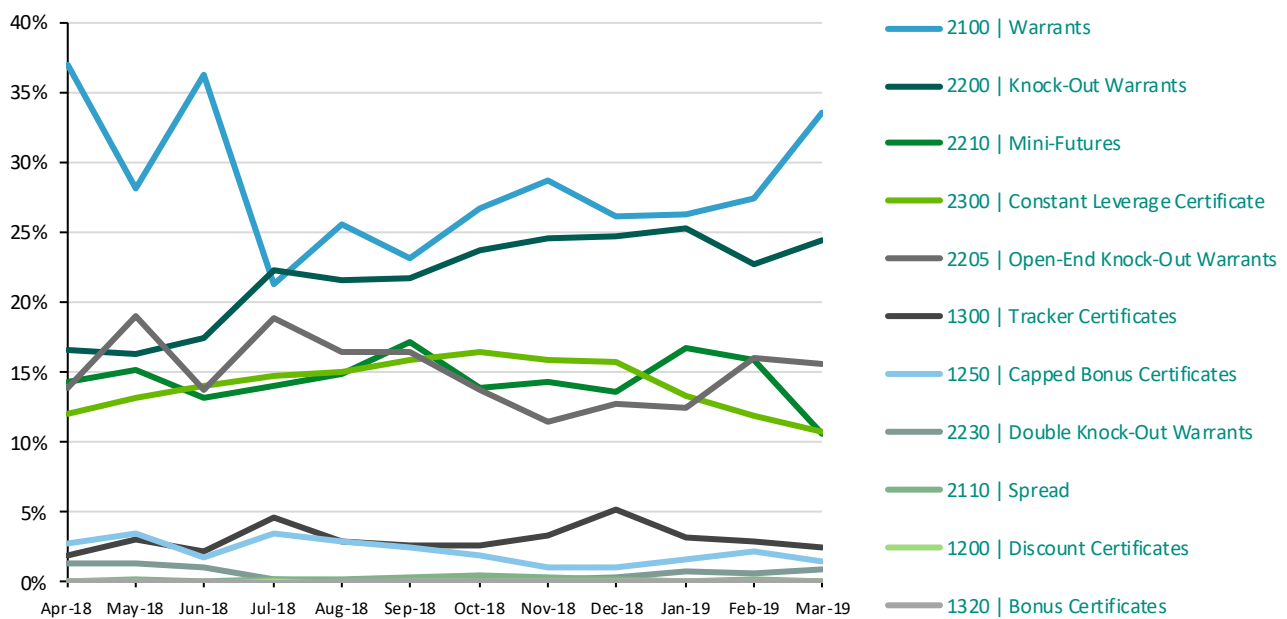
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

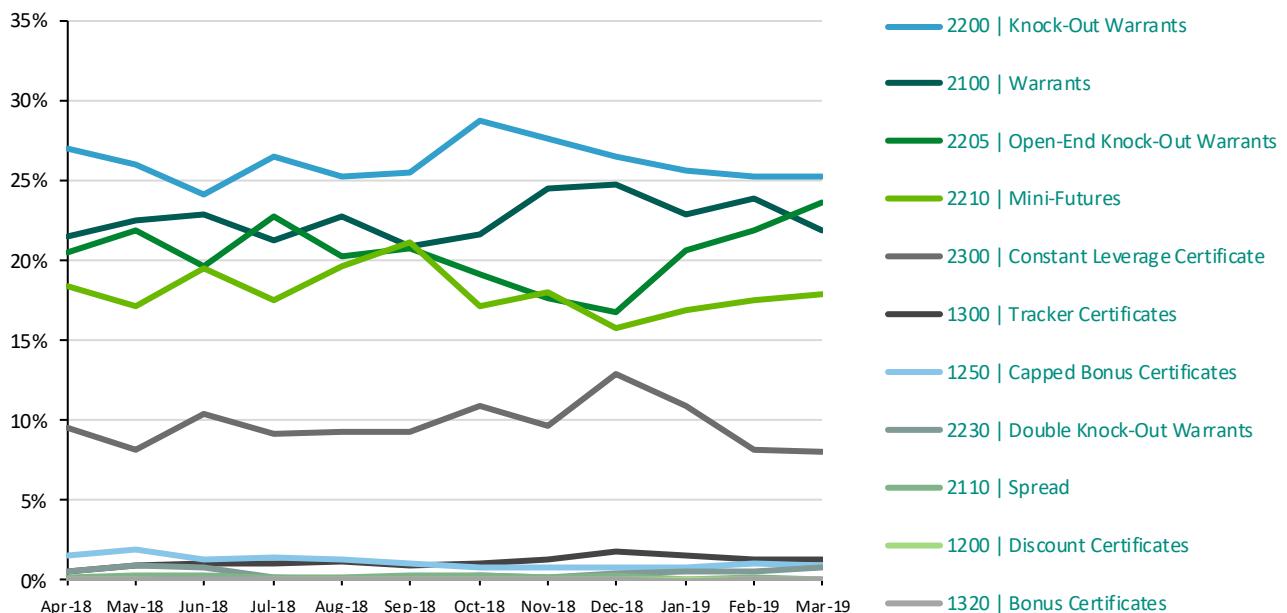
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

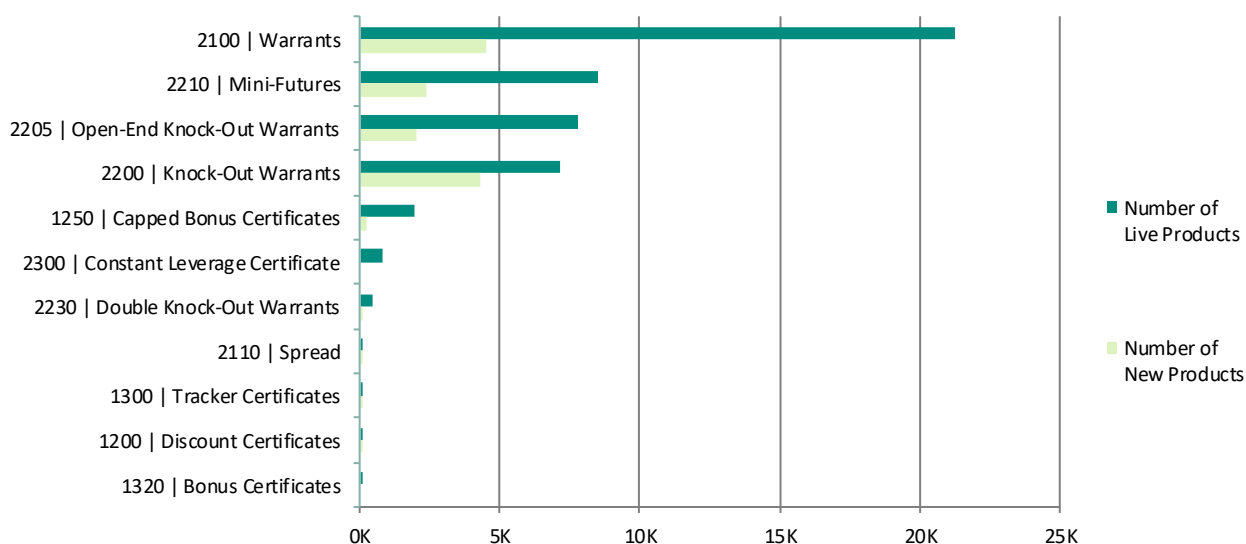
Product Overview

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

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

| Product Types (EUSIPA Categorization Level 3) | Number of Live Products | | | | Number of New Products | | | |
|--|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| 2100 Warrants | 21,273 | -5.8% | 8.0% | 44.1% | 4,487 | -4.1% | 17.9% | 33.1% |
| 2210 Mini-Futures | 8,491 | 0.4% | 7.7% | 17.6% | 2,387 | 10.2% | 25% | 17.6% |
| 2205 Open-End Knock-Out Warrants | 7,783 | -2.2% | 4.4% | 16.1% | 1,993 | -6.5% | -9.4% | 14.7% |
| 2200 Knock-Out Warrants | 7,187 | -7.9% | 16.3% | 14.9% | 4,330 | -21% | -9.4% | 31.9% |
| 1250 Capped Bonus Certificates | 1,973 | 1.5% | 36% | 4.1% | 251 | 192% | 8.5% | 1.9% |
| 2300 Constant Leverage Certificate | 815 | -0.4% | 5.7% | 1.7% | 0 | -100% | -100% | 0.0% |
| 2230 Double Knock-Out Warrants | 432 | 34% | 41% | 0.9% | 81 | -71% | -10.0% | 0.6% |
| 2110 Spread | 102 | -15.1% | 0.5% | 0.2% | 4 | | -74% | 0.0% |
| 1300 Tracker Certificates | 96 | 1.6% | -0.1% | 0.2% | 2 | 100% | 50% | 0.0% |
| 1200 Discount Certificates | 73 | 46% | 17.6% | 0.2% | 27 | | 157% | 0.2% |
| 1320 Bonus Certificates | 40 | -11.3% | -21% | 0.1% | 0 | | -100% | 0.0% |
| Total | 48,265 | -3.8% | 9.5% | 100% | 13,562 | -8.8% | 3.8% | 100% |

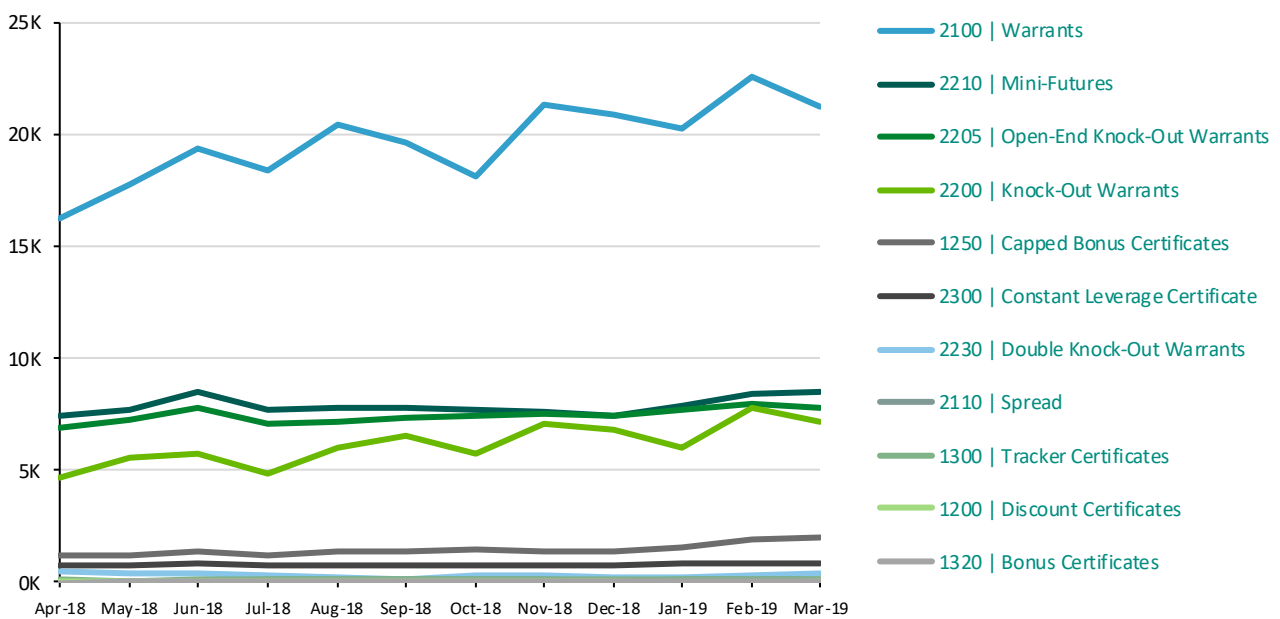
(Source Euronext)



PRODUCT TYPES (EUSIPA¹ CATEGORIZATION LEVEL 3)

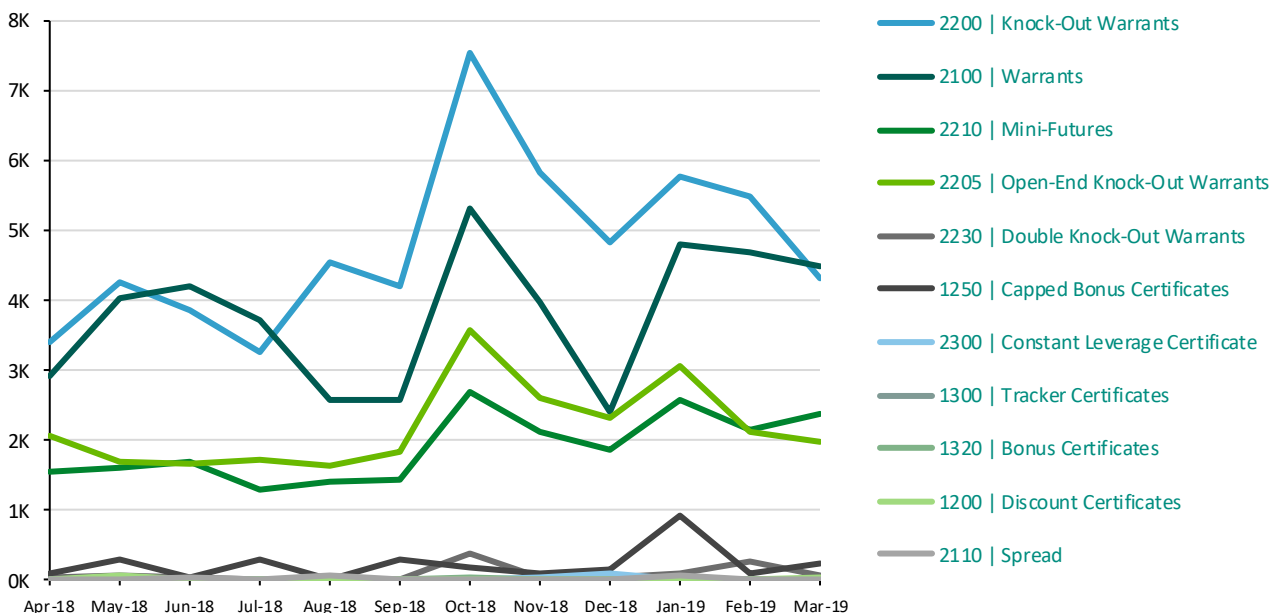
Product Trend: Number of Live Products

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

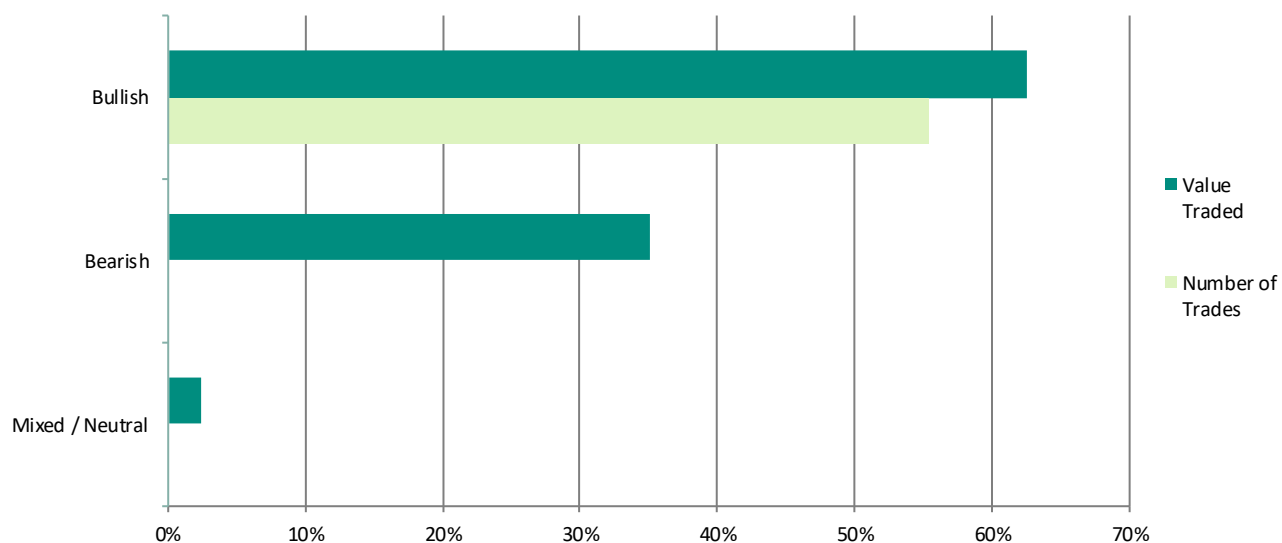
Market Overview

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 | 8,655 | 16.0% | 2.4% | 62.5% | 2,561 | -7.6% | -14.1% | 55.5% |
| Bearish | 4,858 | 18.6% | 19.2% | 35.1% | 0.0 | -100% | -100% | 0.0% |
| Mixed / Neutral | 331 | -6.4% | -13.5% | 2.4% | 0.0 | -100% | -100% | 0.0% |
| Total | 13,844 | 16.2% | 7.2% | 100% | 4,614 | -2.5% | -3.8% | 100% |

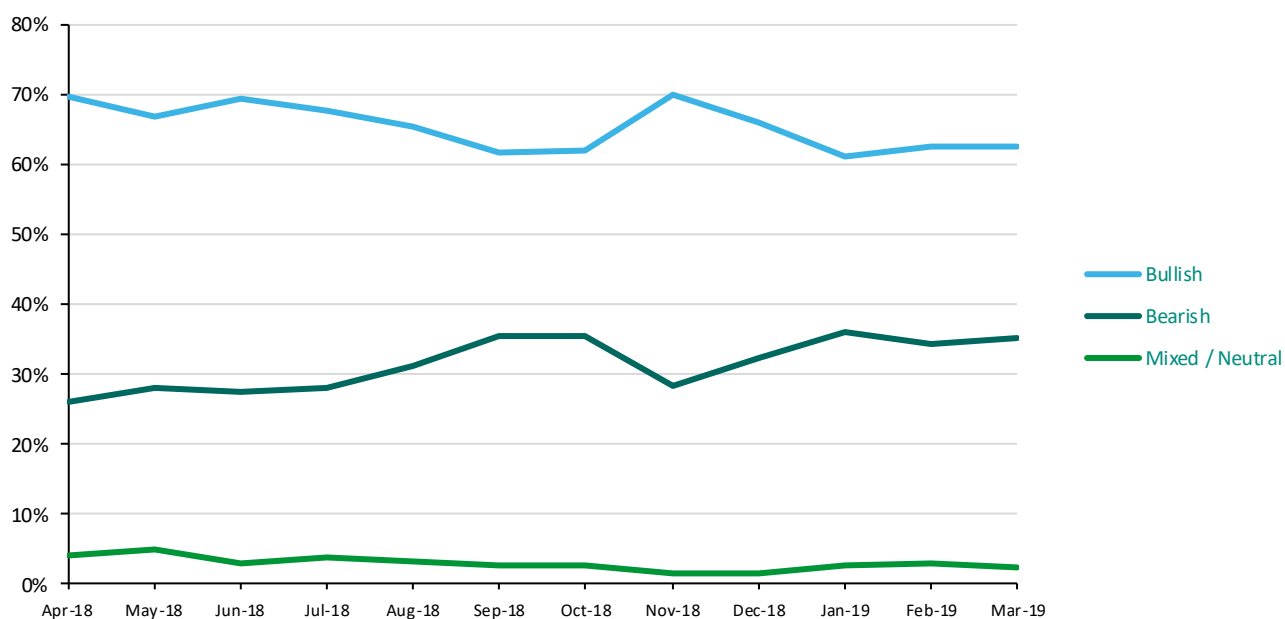
(Source Euronext)



PRODUCT STRATEGIES

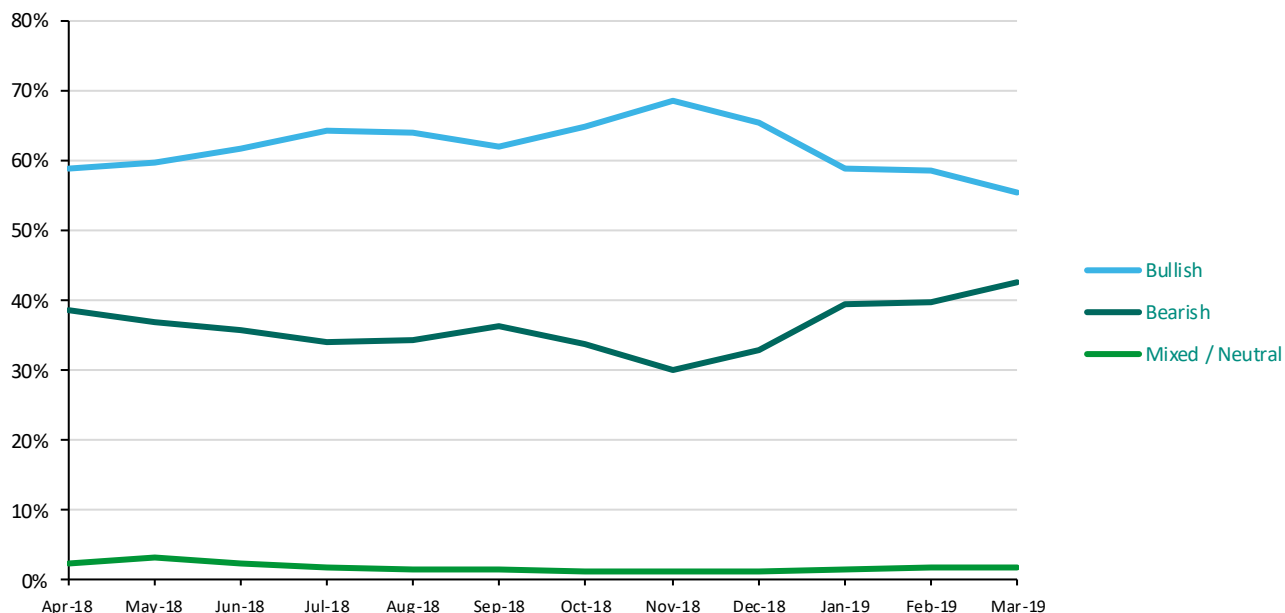
Market Trend: Value traded

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



Market Trend: Number of trades

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



PRODUCT STRATEGIES

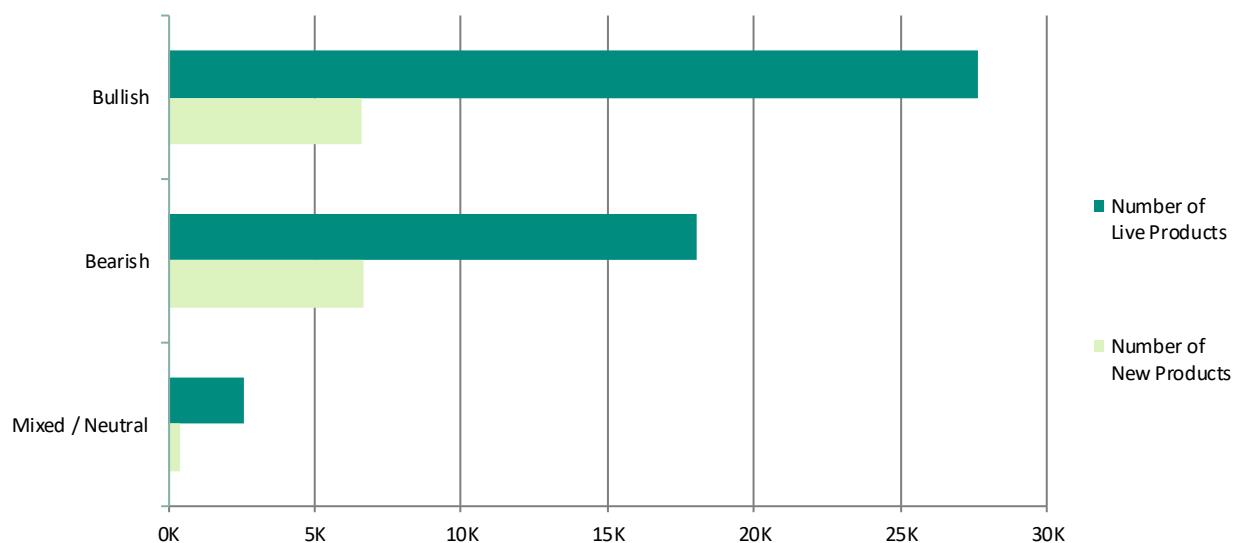
Product Overview

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

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

| Strategies | Number of Live Products | | | | Number of New Products | | | |
|-----------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Bullish | 27,636 | -0.6% | 15.6% | 57.3% | 6,570 | -21% | -4.7% | 48.4% |
| Bearish | 18,049 | -9.4% | -1.0% | 37.4% | 6,629 | 7.8% | 13.8% | 48.9% |
| Mixed / Neutral | 2,580 | 5.9% | 34% | 5.3% | 363 | -1.1% | 4.5% | 2.7% |
| Total | 48,265 | -3.8% | 9.5% | 100% | 13,562 | -8.8% | 3.8% | 100% |

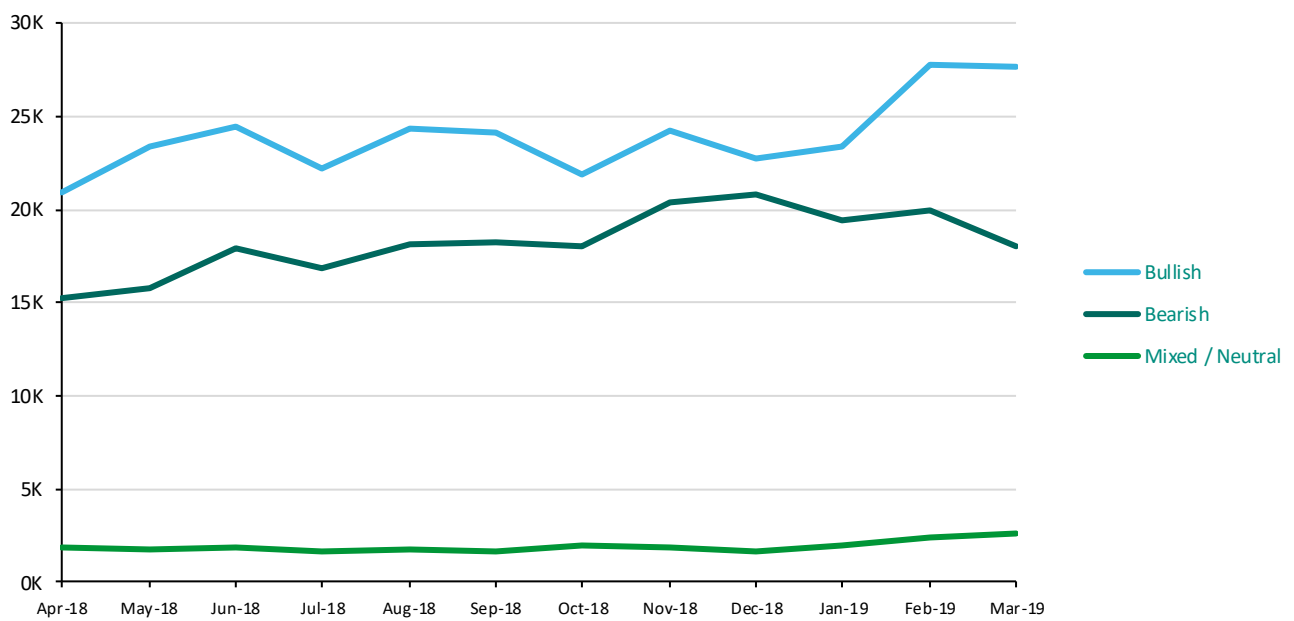
(Source Euronext)



PRODUCT STRATEGIES

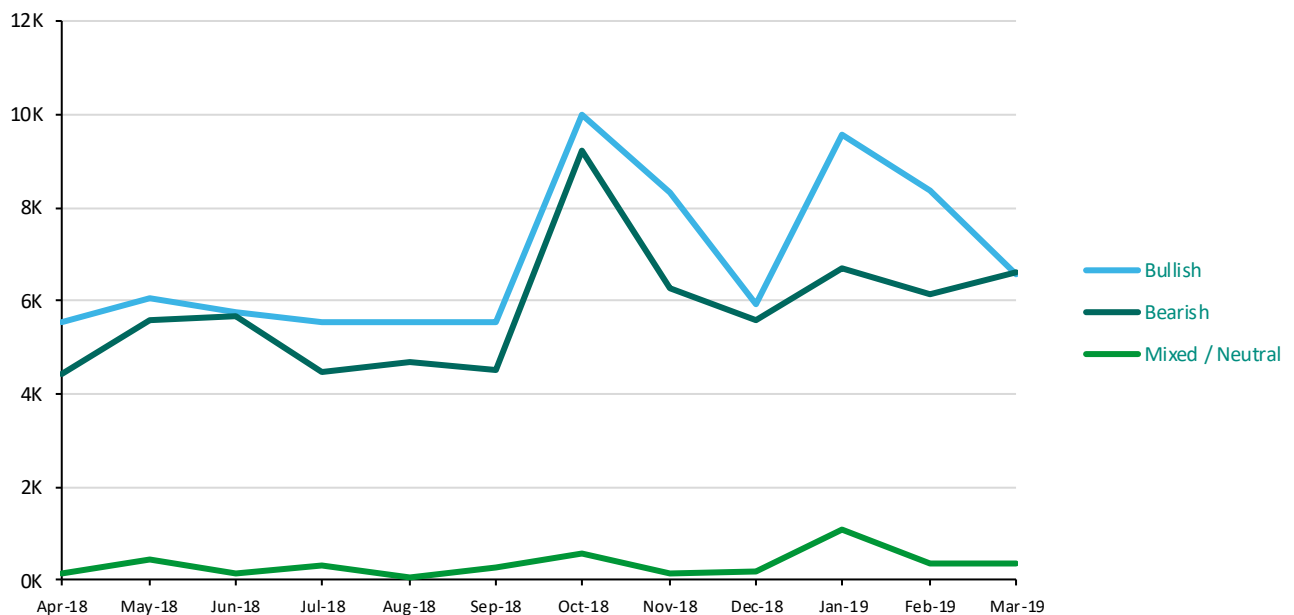
Product Trend: Number of Live Products

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

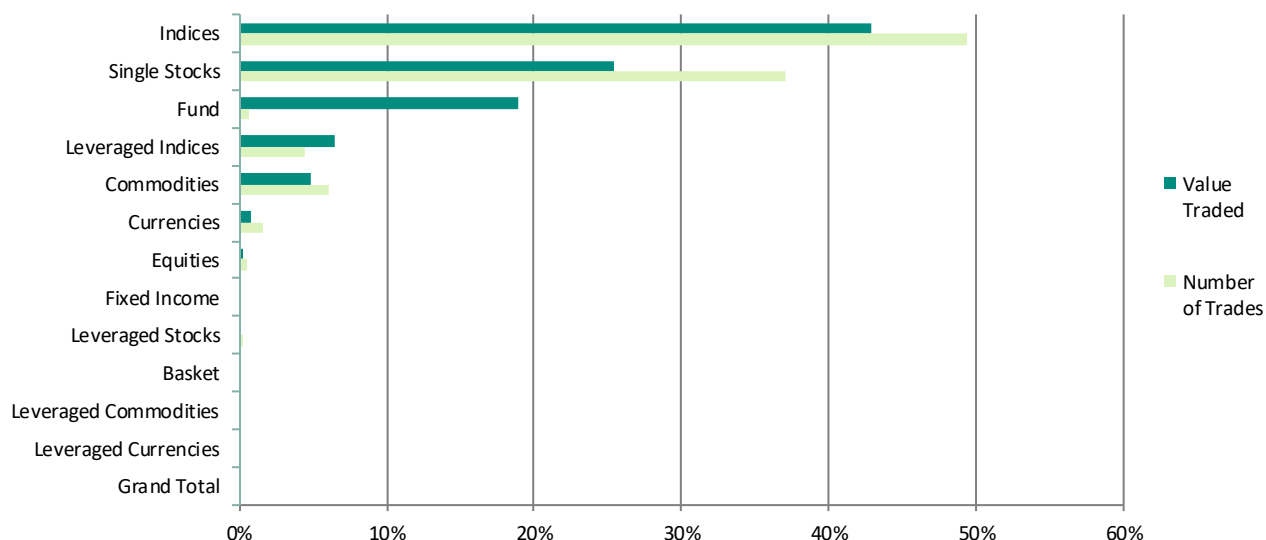
Market Overview

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 | 5,947 | 14.8% | 1.9% | 43.0% | 2,277 | 6.8% | 0.5% | 49.4% |
| Single Stocks | 3,518 | -20% | -12.7% | 25.4% | 1,708 | -15.9% | -6.6% | 37.0% |
| Fund | 2,622 | 206% | 144% | 18.9% | 29 | -85.7% | -88.6% | 0.6% |
| Leveraged Indices | 901 | 32% | -15.3% | 6.5% | 206 | NA | NA | 4.5% |
| Commodities | 677 | 5.8% | -2.4% | 4.9% | 279 | -0.3% | -8.8% | 6.0% |
| Currencies | 113 | 48% | -10.9% | 0.8% | 72 | 65.8% | -9.0% | 1.6% |
| Equities | 28 | 36% | 2.7% | 0.2% | 21 | 288.0% | 82.7% | 0.5% |
| Fixed Income | 13 | -12.3% | -36% | 0.1% | 6.1 | -46.1% | -58.5% | 0.1% |
| Leveraged Stocks | 13 | 18.5% | -28% | 0.1% | 8.9 | -15.2% | -19.8% | 0.2% |
| Basket | 7 | 4.3% | -57% | 0.1% | 1.1 | -87.4% | -90.6% | 0.0% |
| Leveraged Commodities | 4 | -36% | 64% | 0.0% | 4.7 | 309.9% | 992.9% | 0.1% |
| Leveraged Currencies | 0 | -61% | -49% | 0.0% | 0.2 | -57.7% | -16.3% | 0.0% |
| Grand Total | #REF! | | | #REF! | #REF! | | | #REF! |
| Total | 13,844 | 16.2% | 7.2% | 100% | 4,614 | -2.5% | -3.8% | 100% |

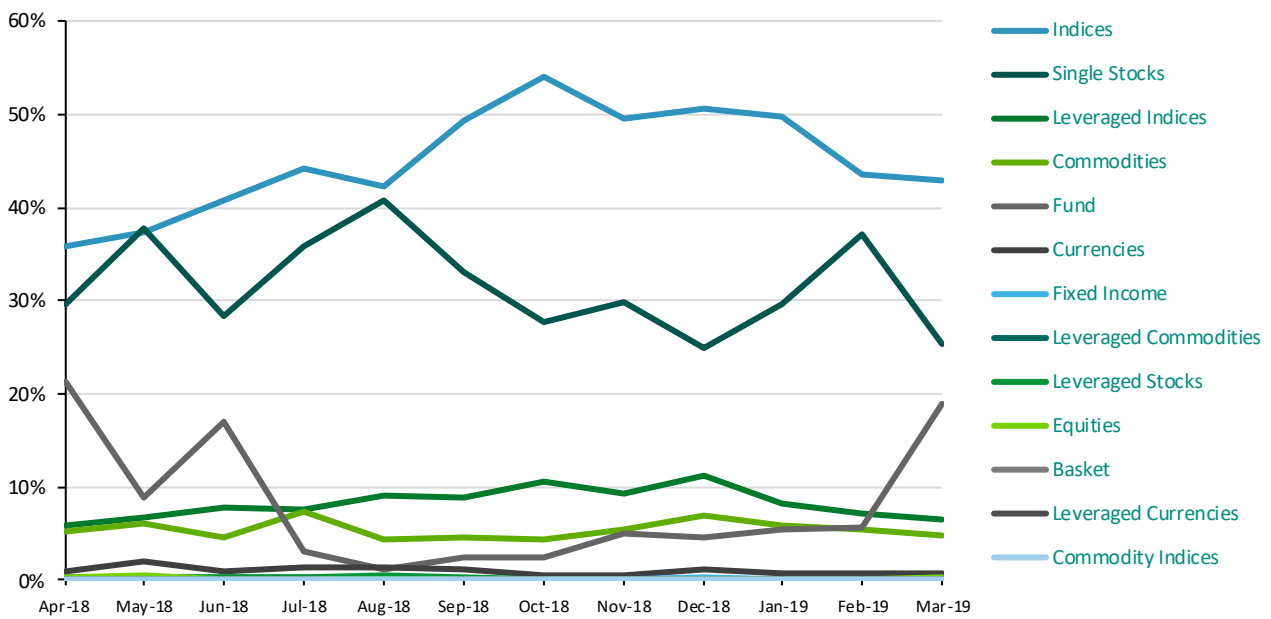
(Source Euronext)



UNDERLYING TYPES

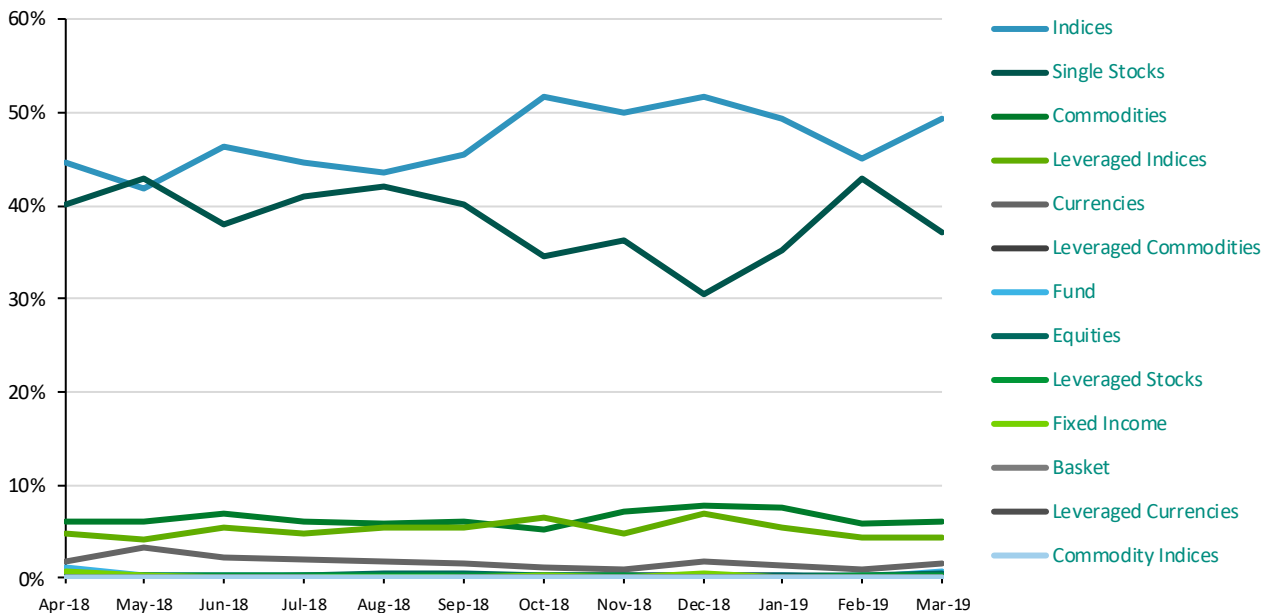
Market Trend: Value traded

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



Market Trend: Number of trades

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



UNDERLYING TYPES

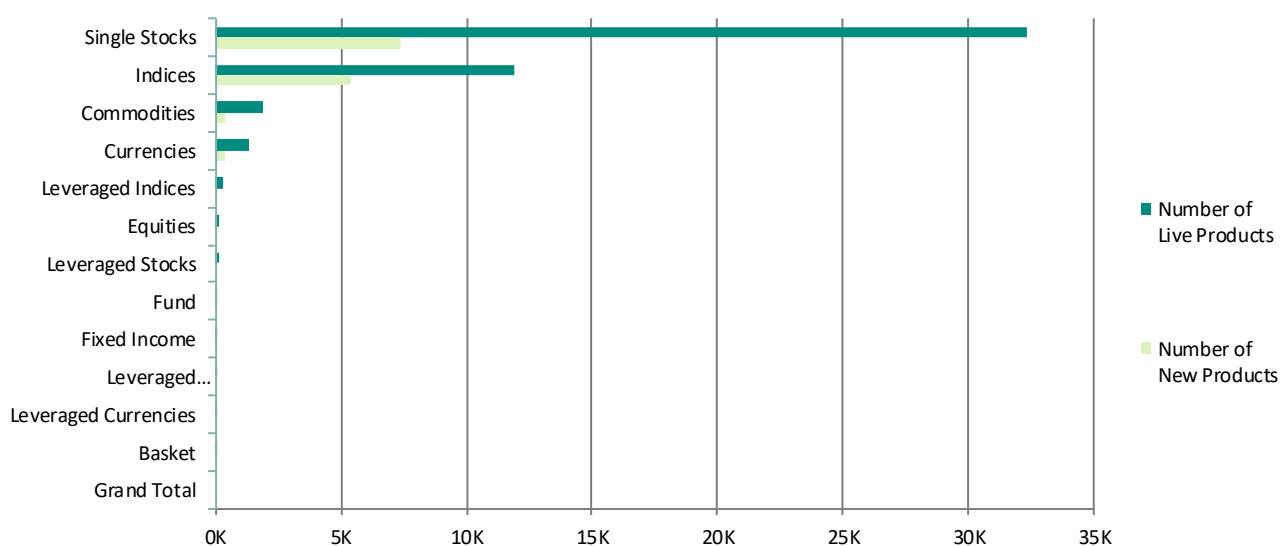
Product Overview

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

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

| Underlying Types | Number of Live Products | | | | Number of New Products | | | |
|-----------------------|-------------------------|----------------|--------------------|--------------|------------------------|----------------|--------------------|--------------|
| | Daily average | Month on month | vs. Last 12 months | Market share | This month | Month on month | vs. Last 12 months | Market share |
| Single Stocks | 32,349 | -5.5% | 9.3% | 67.0% | 7,340 | -18.3% | -1.9% | 54.1% |
| Indices | 11,936 | -0.7% | 9.5% | 24.7% | 5,400 | 5.2% | 9.3% | 39.8% |
| Commodities | 1,851 | -0.4% | 12.2% | 3.8% | 402 | -8.4% | 4.6% | 3.0% |
| Currencies | 1,319 | 7.0% | 12.7% | 2.7% | 364 | 32% | 90% | 2.7% |
| Leveraged Indices | 264 | -0.5% | -2.4% | 0.5% | 0 | | -100% | 0.0% |
| Equities | 174 | -12.8% | 17.8% | 0.4% | 37 | 37% | -22% | 0.3% |
| Leveraged Stocks | 162 | -0.4% | 50% | 0.3% | 0 | | -100% | 0.0% |
| Fund | 84 | 6.6% | 13.7% | 0.2% | 1 | -75% | -40% | 0.0% |
| Fixed Income | 64 | -15.8% | -15.5% | 0.1% | 18 | 800% | 575% | 0.1% |
| Leveraged Commodities | 50 | -2.5% | -32% | 0.1% | 0 | | -100% | 0.0% |
| Leveraged Currencies | 8 | 0.0% | -2.8% | 0.0% | 0 | | | 0.0% |
| Basket | 4 | -11.6% | -10.7% | 0.0% | 0 | | | 0.0% |
| Grand Total | #REF! | | | #REF! | #REF! | | | #REF! |
| Total | 48,265 | -3.8% | 9.5% | 100% | 13,562 | -8.8% | 3.8% | 100% |

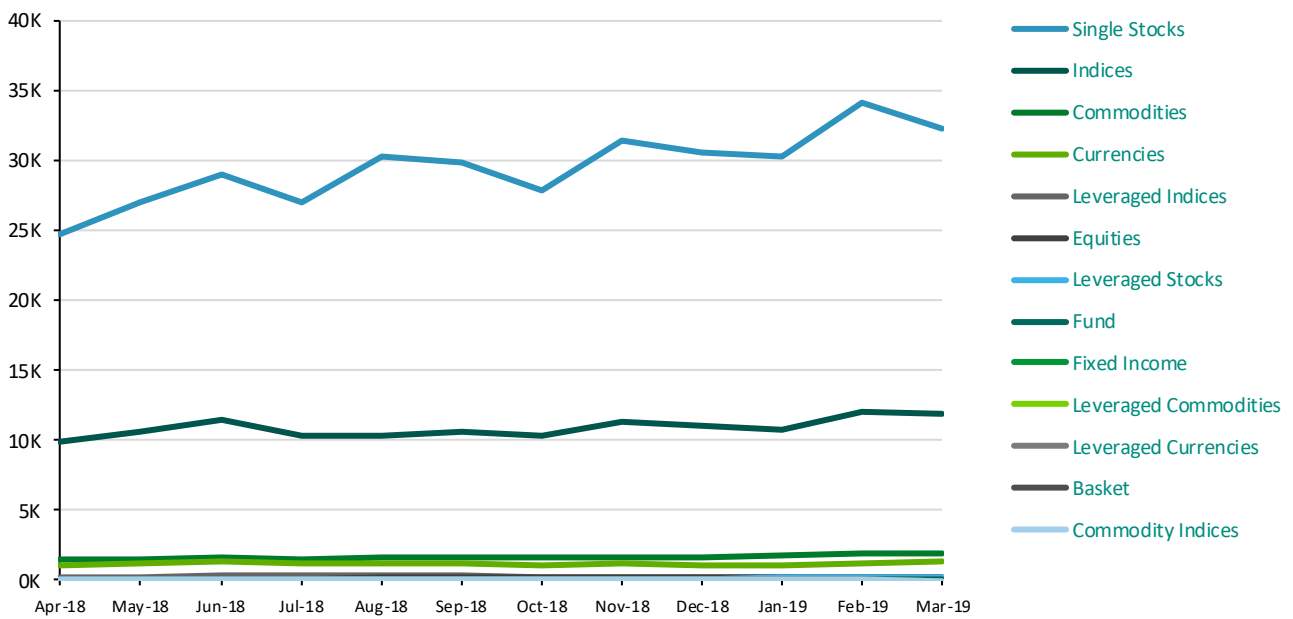
(Source Euronext)



UNDERLYING TYPES

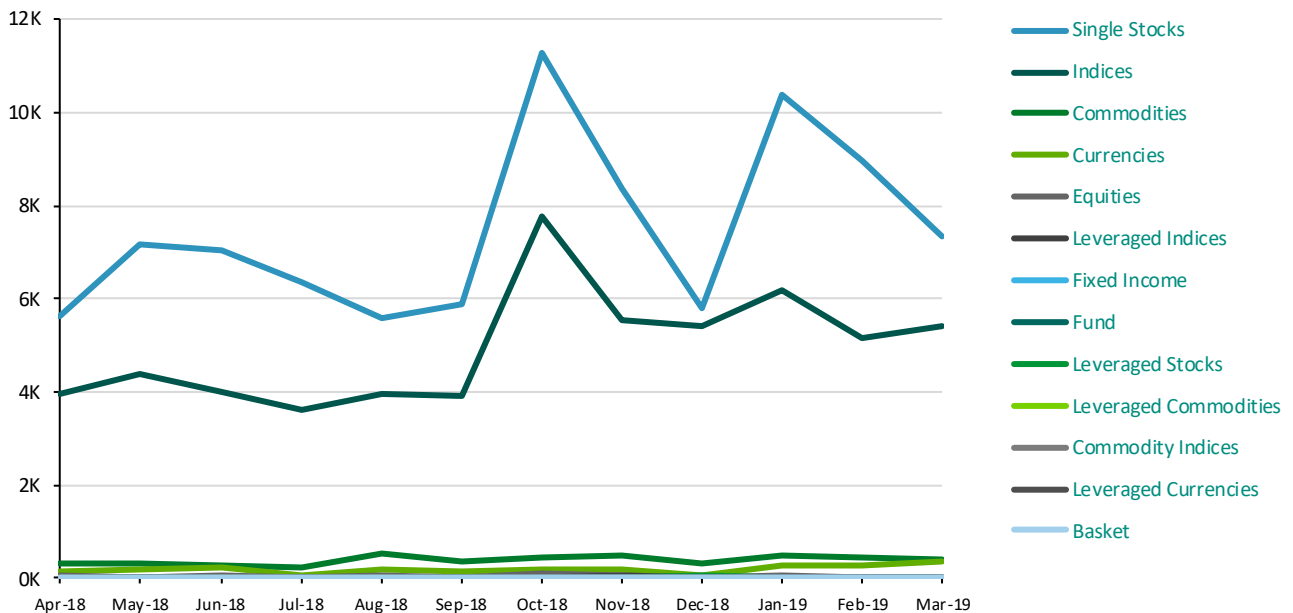
Product Trend: Number of Live Products

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

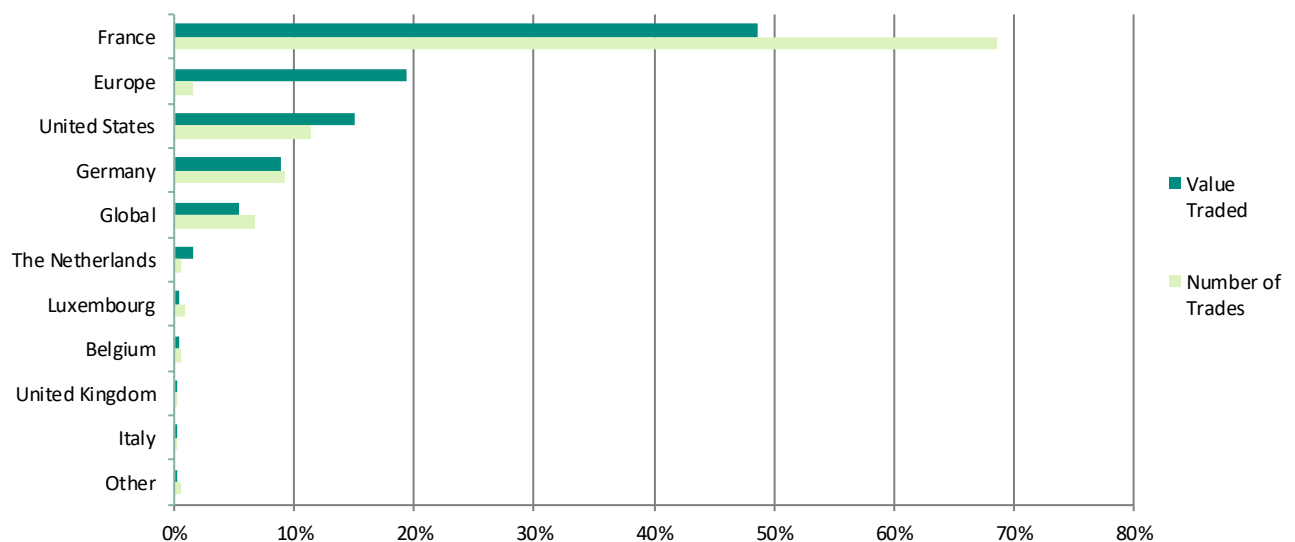
Market Overview

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 | 6,747 | -9.6% | -18.1% | 48.7% | 3,165 | -8.3% | -6.8% | 68.6% |
| Europe | 2,670 | 79% | 67% | 19.3% | 72 | -84% | -86% | 1.6% |
| United States | 2,087 | 61% | 87% | 15.1% | 522 | 35% | NA | 11.3% |
| Germany | 1,225 | 64% | 26% | 8.8% | 423 | NA | 7.5% | 9.2% |
| Global | 745 | 7.7% | -1.0% | 5.4% | 307 | 0.4% | -10.0% | 6.7% |
| The Netherlands | 213 | 155% | 182% | 1.5% | 22 | -27% | -40% | 0.5% |
| Luxembourg | 49 | -2.0% | 21% | 0.4% | 40 | 203% | 262% | 0.9% |
| Belgium | 49 | 8.8% | 41% | 0.4% | 25 | -22% | 45% | 0.5% |
| United Kingdom | 19 | -7.7% | -37% | 0.1% | 9.7 | 25% | 7.6% | 0.2% |
| Italy | 14 | 125% | -34% | 0.1% | 6.4 | 50% | -46% | 0.1% |
| Other | 25 | 28% | -21% | 0.2% | 21 | | | 0.4% |
| Total | 13,844 | 16.2% | 7.2% | 100% | 4,614 | -2.5% | -3.8% | 100% |

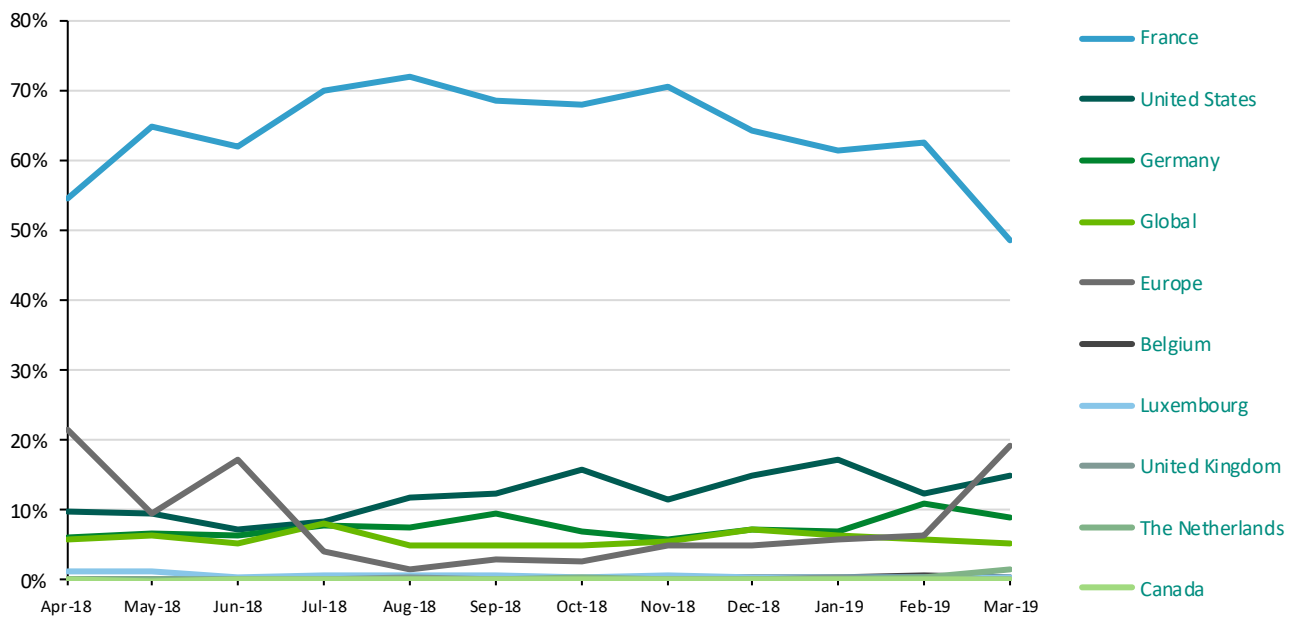
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

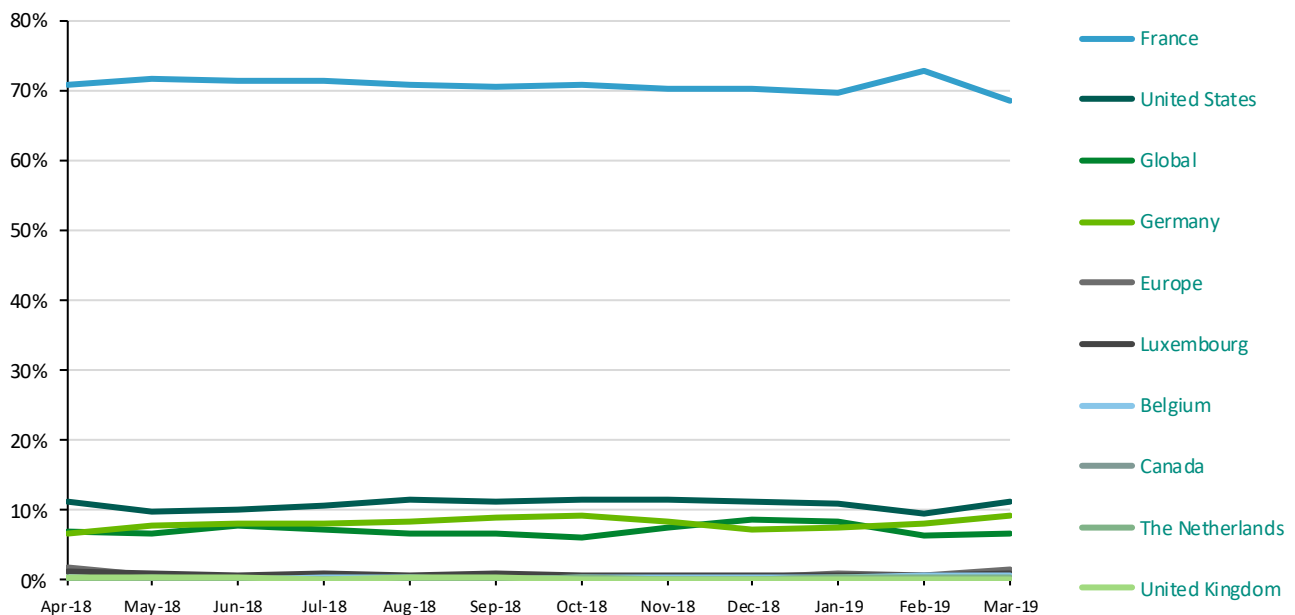
Market Trend: Value traded

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

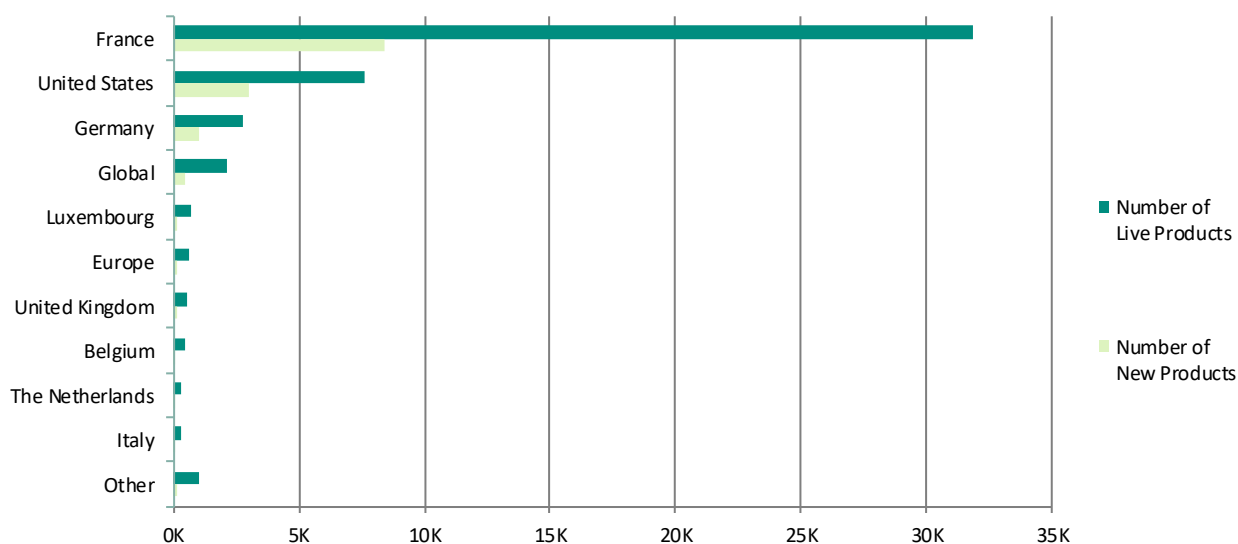
Product Overview

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 | 31,856 | -4.1% | 9.0% | 66.0% | 8,399 | -21% | -4.7% | 61.9% |
| United States | 7,641 | -0.2% | 19.8% | 15.8% | 2,991 | 53% | 44% | 22.1% |
| Germany | 2,762 | -7.1% | -3.4% | 5.7% | 979 | 1.0% | -0.4% | 7.2% |
| Global | 2,162 | -0.7% | 12.4% | 4.5% | 461 | -2.9% | 11.9% | 3.4% |
| Luxembourg | 721 | -16.1% | -14.5% | 1.5% | 137 | -18.9% | -38% | 1.0% |
| Europe | 584 | -8.5% | 2.3% | 1.2% | 114 | 17.5% | 2.0% | 0.8% |
| United Kingdom | 506 | 5.0% | 30% | 1.0% | 143 | -11.2% | 74% | 1.1% |
| Belgium | 430 | -4.8% | 29% | 0.9% | 87 | 4.8% | 8.0% | 0.6% |
| The Netherlands | 332 | -8.3% | 26% | 0.7% | 61 | -21% | -13.9% | 0.4% |
| Italy | 289 | -18.4% | -23% | 0.6% | 30 | 3.4% | -47% | 0.2% |
| Other | 982 | -4.1% | 10.2% | 2.0% | 160 | -8.0% | -3.9% | 1.2% |
| Total | 48,265 | -3.8% | 9.5% | 100% | 13,562 | -8.8% | 3.8% | 100% |

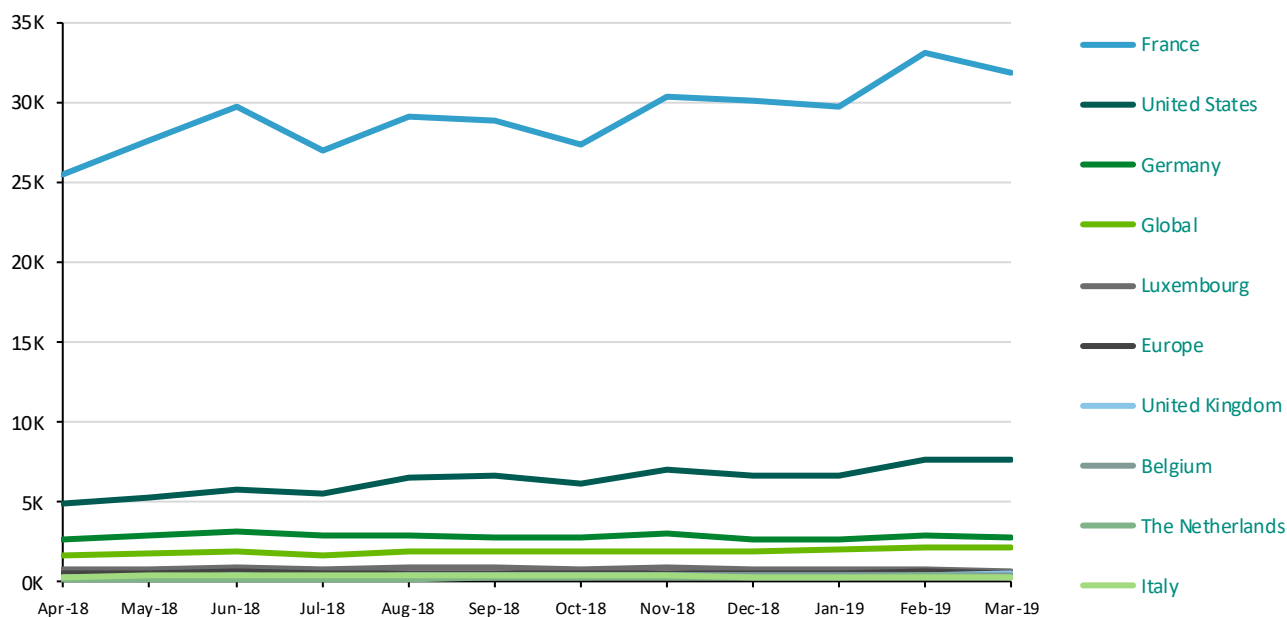
(Source Euronext)



TOP 10 UNDERLYING COUNTRIES

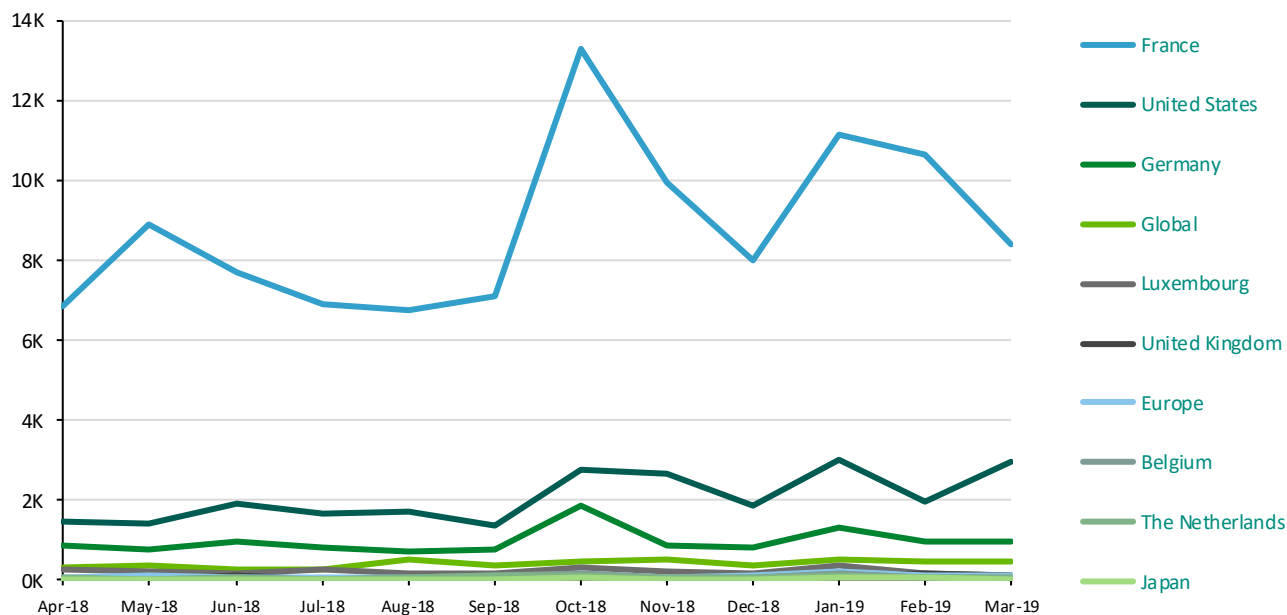
Product Trend: Number of Live Products

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

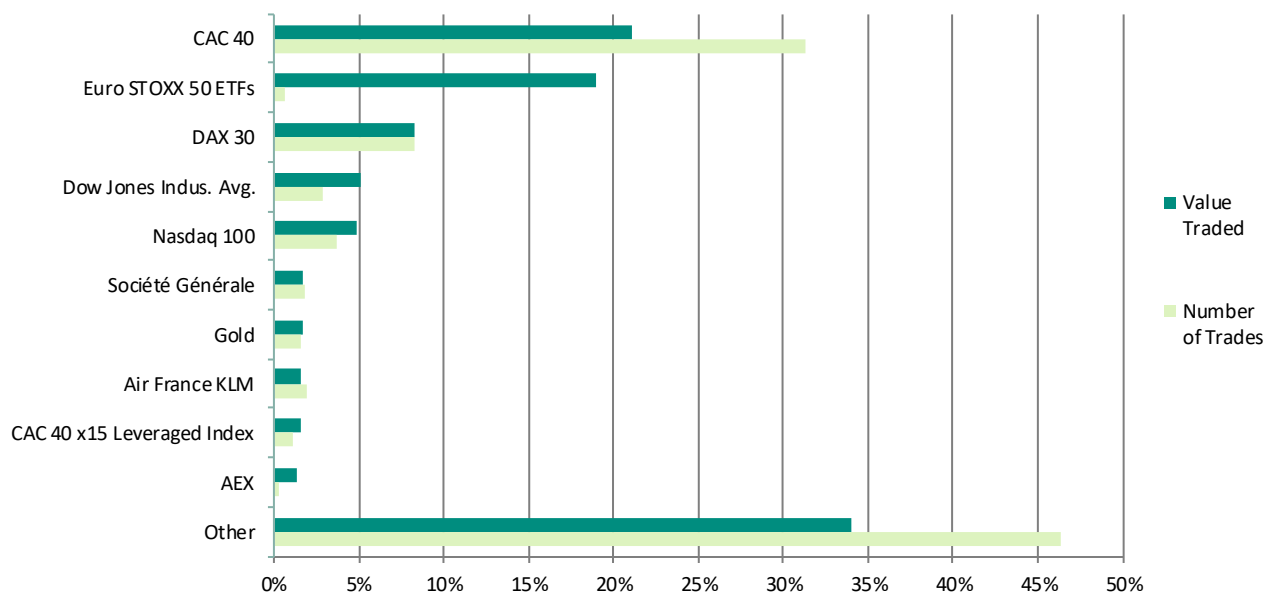
Market Overview

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 | 2,913 | 6.7% | -20% | 21.0% | 1,444 | 3.6% | -5.6% | 31.3% |
| Euro STOXX 50 ETFs | 2,620 | 114% | 147% | 18.9% | 28 | -92% | 111% | 0.6% |
| DAX 30 | 1,140 | 67% | 28% | 8.2% | 384 | NA | 8.5% | 8.3% |
| Dow Jones Indus. Avg. | 699 | 24% | 48% | 5.1% | 134 | -7.5% | -4.0% | 2.9% |
| Nasdaq 100 | 679 | 98% | 84% | 4.9% | 172 | 176% | 36% | 3.7% |
| Société Générale | 238 | -26% | -19.3% | 1.7% | 83 | -39% | 21% | 1.8% |
| Gold | 234 | -23% | 7.4% | 1.7% | 74 | 34% | -27% | 1.6% |
| Air France KLM | 215 | -27% | 0.5% | 1.5% | 91 | -26% | 21% | 2.0% |
| CAC 40 x15 Leveraged Index | 212 | -24% | 0.4% | 1.5% | 51 | -55% | -6.5% | 1.1% |
| AEX | 192 | -14.9% | 2.1% | 1.4% | 13 | -88% | -79% | 0.3% |
| Other | 4,701 | -4.9% | -11.8% | 34.0% | 2,139 | | -5.8% | 46.4% |
| Total | 13,844 | 16.2% | 7.2% | 100% | 4,614 | -2.5% | -3.8% | 100% |

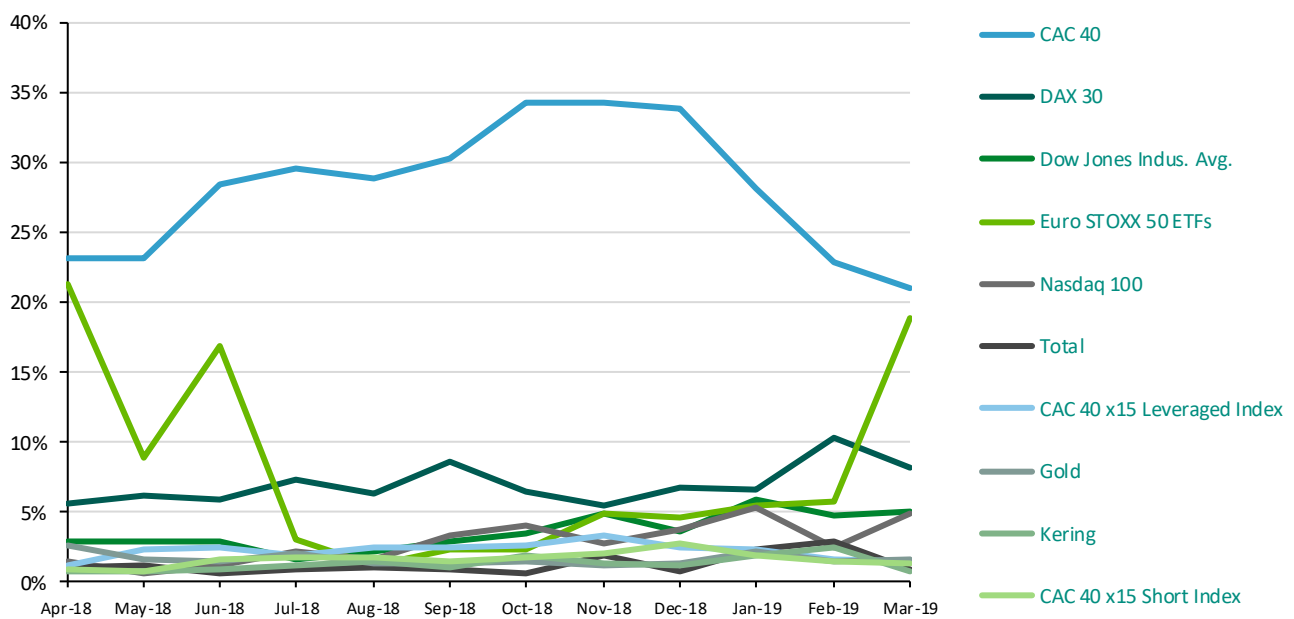
(Source Euronext)



TOP 10 UNDERLYINGS

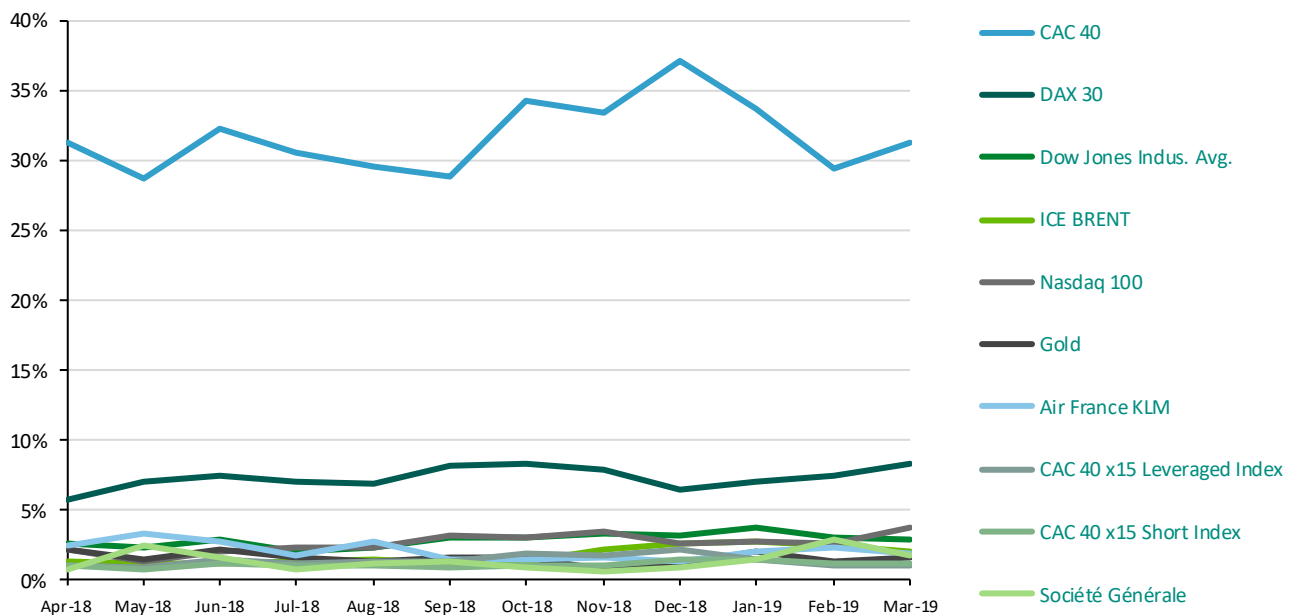
Market Trend: Value traded

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

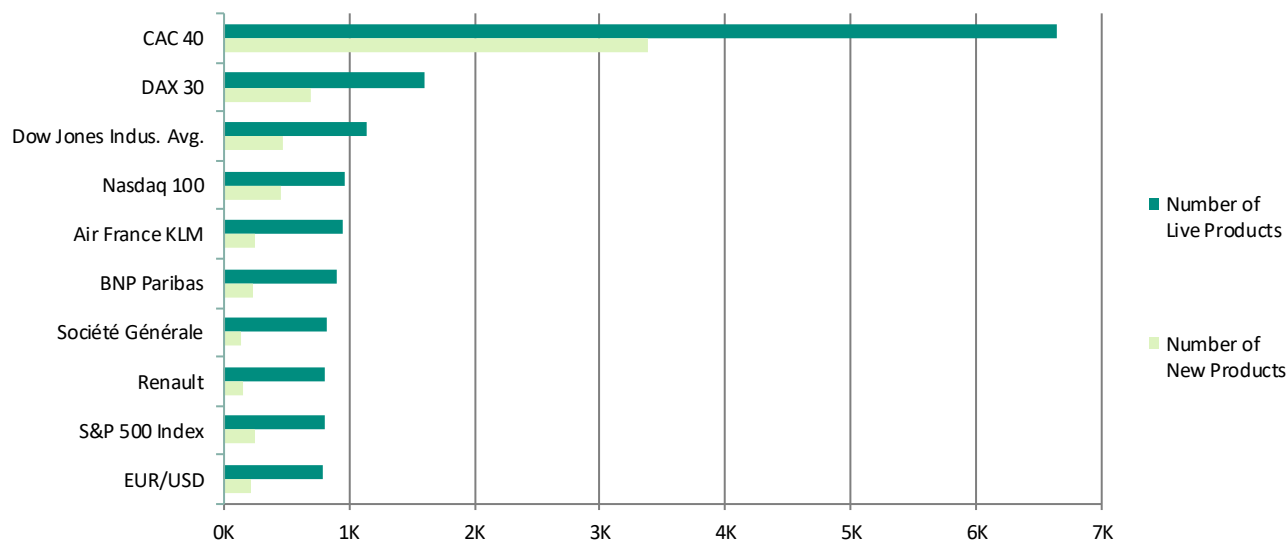
Product Overview

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 | 6,648 | 1.4% | 11.2% | 13.8% | 3,376 | -1.1% | 9.5% | 24.9% |
| DAX 30 | 1,597 | -4.3% | -6.8% | 3.3% | 702 | -0.3% | -2.7% | 5.2% |
| Dow Jones Indus. Avg. | 1,148 | 1.7% | 21% | 2.4% | 469 | 19.9% | 9.8% | 3.5% |
| Nasdaq 100 | 971 | -2.8% | 23% | 2.0% | 457 | 45% | 30% | 3.4% |
| Air France KLM | 956 | -2.9% | 10.1% | 2.0% | 245 | -49% | -24% | 1.8% |
| BNP Paribas | 897 | -7.6% | 2.3% | 1.9% | 229 | -1.7% | 0.6% | 1.7% |
| Société Générale | 826 | -13.5% | -4.4% | 1.7% | 139 | -60% | -37% | 1.0% |
| Renault | 806 | -12.8% | -5.7% | 1.7% | 155 | -25% | -38% | 1.1% |
| S&P 500 Index | 802 | -4.0% | 14.6% | 1.7% | 257 | 28% | 21% | 1.9% |
| EUR/USD | 789 | 8.0% | 10.8% | 1.6% | 213 | -4.5% | 58% | 1.6% |
| Other | 32,824 | -4.6% | 10.3% | 68.0% | 7,320 | -12.3% | 2.9% | 54.0% |
| Total | 48,265 | -3.8% | 9.5% | 100% | 13,562 | -8.8% | 3.8% | 100% |

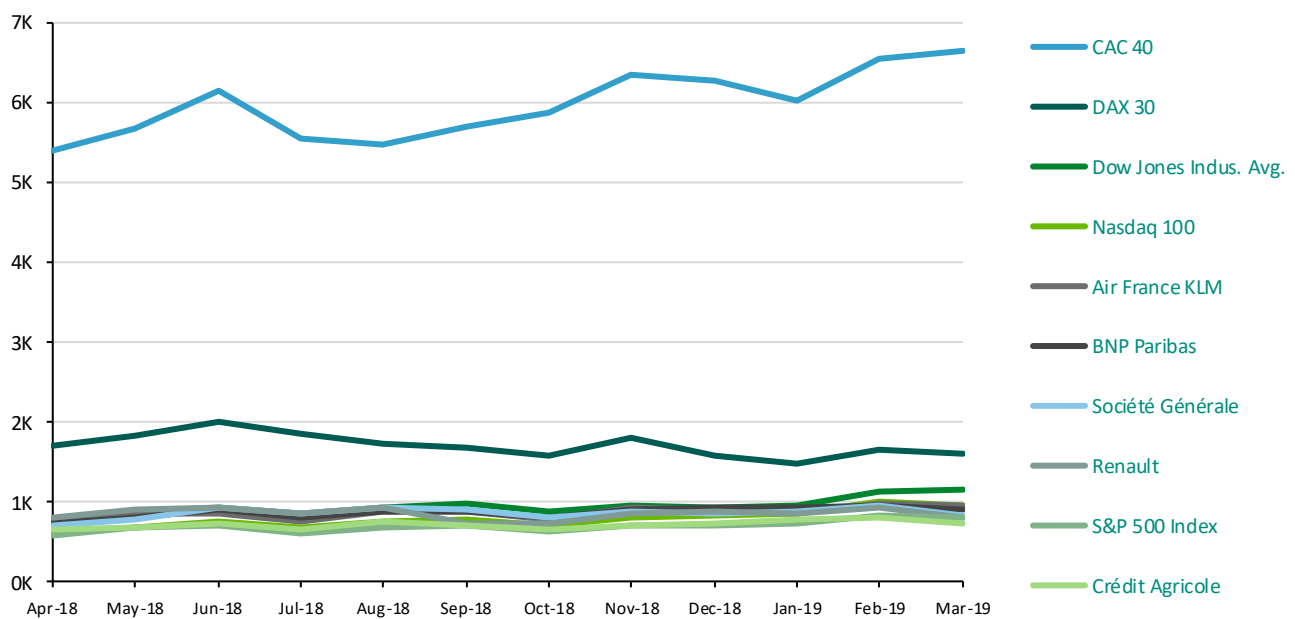
(Source Euronext)



TOP 10 UNDERLYINGS

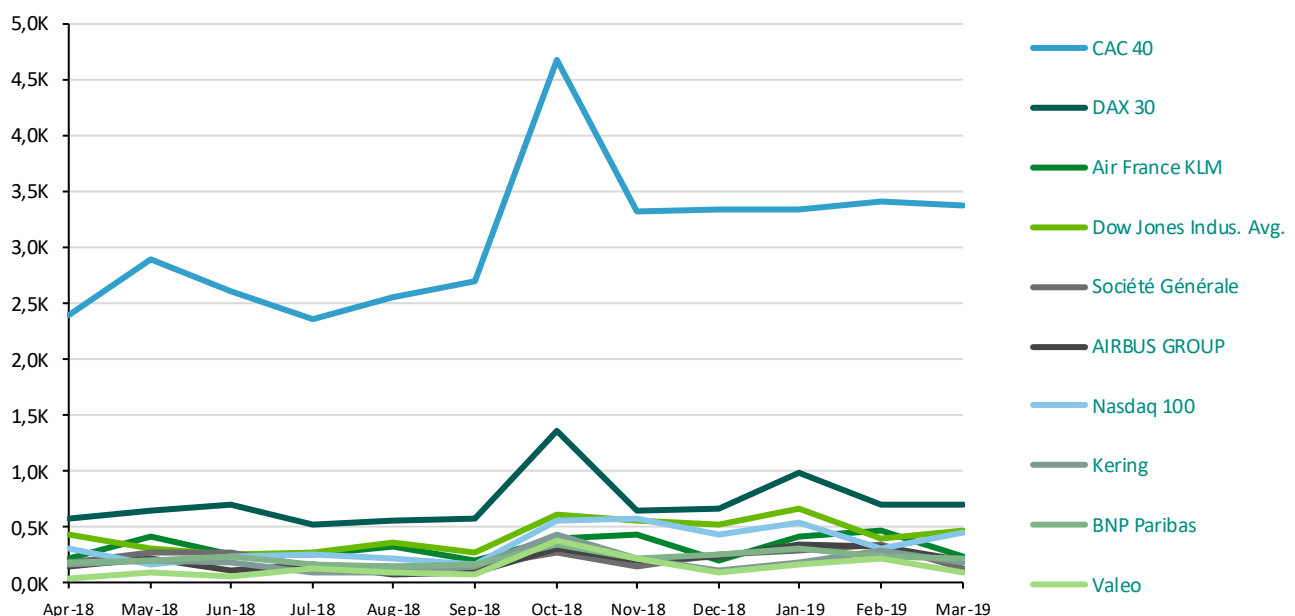
Product Trend: Number of Live Products

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 |
|--------------|------------------|--------------------------------------|----------------------------|----------------------|--------------|
| NL0012969083 | BNP Paribas | 2100 Warrants | Euro STOXX 50 ETFs | 101,438 | 960 |
| NL0013267164 | BNP Paribas | 2100 Warrants | Euro STOXX 50 ETFs | 6,849 | 38 |
| DE000VN61VX4 | Vontobel | 2300 Constant Leverage Certificate | DJIA x8 Leveraged Index | 6,732 | 40 |
| LU1815432486 | Société Générale | 1300 Tracker Certificates | CAC 40 x15 Short Index | 6,366 | 1,432 |
| DE000CD5NZY1 | Commerzbank | 2300 Constant Leverage Certificate | CAC 40 | 6,310 | 1,060 |
| DE000CA0ZD72 | Commerzbank | 2300 Constant Leverage Certificate | CAC 40 | 5,839 | 1,156 |
| FRBNPP00WVL8 | BNP Paribas | 2200 Knock-Out Warrants | AEX | 5,580 | 308 |
| DE000CP5GLP9 | Citi | 2200 Knock-Out Warrants | Nasdaq 100 | 4,532 | 62 |
| FR0013188612 | Société Générale | 2300 Constant Leverage Certificate | CAC 40 x15 Leveraged Index | 4,073 | 650 |
| DE000CP6RNH7 | Citi | 2200 Knock-Out Warrants | Dow Jones Indus. Avg. | 3,518 | 24 |
| DE000CP5GFG0 | Citi | 2200 Knock-Out Warrants | Nasdaq 100 | 3,453 | 182 |
| DE000CP5GEX8 | Citi | 2200 Knock-Out Warrants | Dow Jones Indus. Avg. | 3,211 | 26 |
| DE000CP5GLM6 | Citi | 2200 Knock-Out Warrants | Dow Jones Indus. Avg. | 3,083 | 60 |
| DE000CP6QTZ8 | Citi | 2200 Knock-Out Warrants | Dow Jones Indus. Avg. | 2,941 | 58 |
| FR0013217940 | Société Générale | 2300 Constant Leverage Certificate | CAC 40 x15 Leveraged Index | 2,748 | 588 |
| FRBNPP00Q2Y9 | BNP Paribas | 2205 Open-End Knock-Out Warrants | DAX 30 | 2,466 | 138 |
| FR0010511535 | Société Générale | 1300 Tracker Certificates | Brent | 2,308 | 262 |
| DE000CP5HXC0 | Citi | 2200 Knock-Out Warrants | CAC 40 | 1,952 | 450 |
| DE000CP7HEU8 | Citi | 2200 Knock-Out Warrants | Nasdaq 100 | 1,871 | 24 |
| DE000CP5HXA4 | Citi | 2200 Knock-Out Warrants | CAC 40 | 1,758 | 528 |
| FR0011119387 | Société Générale | 2300 Constant Leverage Certificate | CAC 40 x6 Leveraged Index | 1,743 | 66 |
| DE000CJ5BYA3 | Commerzbank | 2300 Constant Leverage Certificate | NYMEX LS CRUDE | 1,559 | 194 |
| DE000VA7Q6W6 | Vontobel | 2205 Open-End Knock-Out Warrants | DAX 30 | 1,534 | 186 |
| DE000CJ80ZN4 | Commerzbank | 2100 Warrants | DAX 30 | 1,498 | 222 |
| FR0013101565 | Société Générale | 2300 Constant Leverage Certificate | CAC 40 x10 Leveraged Index | 1,465 | 442 |
| LU1555074977 | Société Générale | 2300 Constant Leverage Certificate | CAC 40 x15 Leveraged Index | 1,457 | 668 |
| LU1790659087 | Société Générale | 2100 Warrants | AIRBUS GROUP | 1,444 | 244 |
| FR0010961078 | Société Générale | 2300 Constant Leverage Certificate | CAC 40 x5 Leveraged Index | 1,436 | 314 |
| DE000CP7G9P4 | Citi | 2200 Knock-Out Warrants | Nasdaq 100 | 1,407 | 38 |
| FR0013135811 | Société Générale | 2300 Constant Leverage Certificate | CAC 40 x5 Short Index | 1,347 | 278 |
| DE000CP6QTX3 | Citi | 2200 Knock-Out Warrants | Dow Jones Indus. Avg. | 1,339 | 20 |
| FRBNPP00WVO2 | BNP Paribas | 2200 Knock-Out Warrants | DAX 30 | 1,285 | 64 |
| FRBNPP00VU76 | BNP Paribas | 2200 Knock-Out Warrants | DAX 30 | 1,282 | 208 |
| FRBNPP00VGQ0 | BNP Paribas | 2205 Open-End Knock-Out Warrants | ICE BRENT | 1,281 | 376 |
| FRBNPP00XFN5 | BNP Paribas | 2205 Open-End Knock-Out Warrants | Brent | 1,274 | 496 |
| DE000CJ82NP1 | Commerzbank | 2200 Knock-Out Warrants | Nasdaq 100 | 1,246 | 418 |
| DE000CJ82NR7 | Commerzbank | 2200 Knock-Out Warrants | DAX 30 | 1,224 | 232 |
| FRBNPP00QF07 | BNP Paribas | 2205 Open-End Knock-Out Warrants | Total | 1,204 | 60 |
| FRBNPP00WJ19 | BNP Paribas | 2205 Open-End Knock-Out Warrants | ICE BRENT | 1,198 | 352 |
| FRBNPP008LZ9 | BNP Paribas | 2210 Mini-Futures | CAC 40 | 1,173 | 68 |
| DE000VF2RH75 | Vontobel | 2100 Warrants | CAC 40 | 1,153 | 220 |
| DE000CD9DKV2 | Commerzbank | 2300 Constant Leverage Certificate | VIX Futures | 1,147 | 238 |
| FRBNPP00QPJ6 | BNP Paribas | 2205 Open-End Knock-Out Warrants | Iliad | 1,145 | 512 |
| FR0010673350 | Société Générale | 1300 Tracker Certificates | Gold | 1,142 | 114 |
| FRBNPP00WLA2 | BNP Paribas | 2205 Open-End Knock-Out Warrants | DAX 30 | 1,122 | 62 |
| FRBNPP00W3R3 | BNP Paribas | 2200 Knock-Out Warrants | DAX 30 | 1,112 | 68 |
| LU1910595062 | Société Générale | 2100 Warrants | CAC 40 | 1,110 | 170 |
| FRBNPP00P3T8 | BNP Paribas | 2205 Open-End Knock-Out Warrants | Iliad | 1,092 | 324 |
| LU1909826965 | Société Générale | 2200 Knock-Out Warrants | CAC 40 | 1,068 | 54 |
| DE000CP4LE63 | Citi | 2100 Warrants | BNP Paribas | 1,049 | 126 |

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