



warrants and certificates

Activity report

Issue 63
October 2016

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| | Euronext Amsterdam | Euronext Brussels | Euronext Lisbon | Euronext Paris | Euronext Markets |
|----------------------------------|-----------------------|----------------------|--------------------|----------------|-------------------------|
| Live listings (as of 31/10/2016) | 15,022 | 5,015 | 2,141 | 33,395 | 55,573 |
| New listings | 1,901 | 522 | 520 | 6,884 | 9,827 |
| Value traded (in M€) | 377 | 4.3 | 47.5 | 253 | 682 |
| Value traded YTD (in M€) | 4,212 | 60.1 | 406.1 | 2,843 | 7,521 |
| Traded volume (in M) | 211 | 2.7 | 16.7 | 453 | 683 |
| Traded volume YTD (in M) | 2,079 | 47.6 | 209.4 | 5,184 | 7,520 |
| Number of trades | 116,395 | 2,233 | 7,350 | 95,137 | 221,115 |
| Number of trades YTD | 1,152,865 | 27,822 | 83,378 | 1,139,677 | 2,403,742 |

(Source: Euronext)



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Euronext Markets

MARKET OVERVIEW

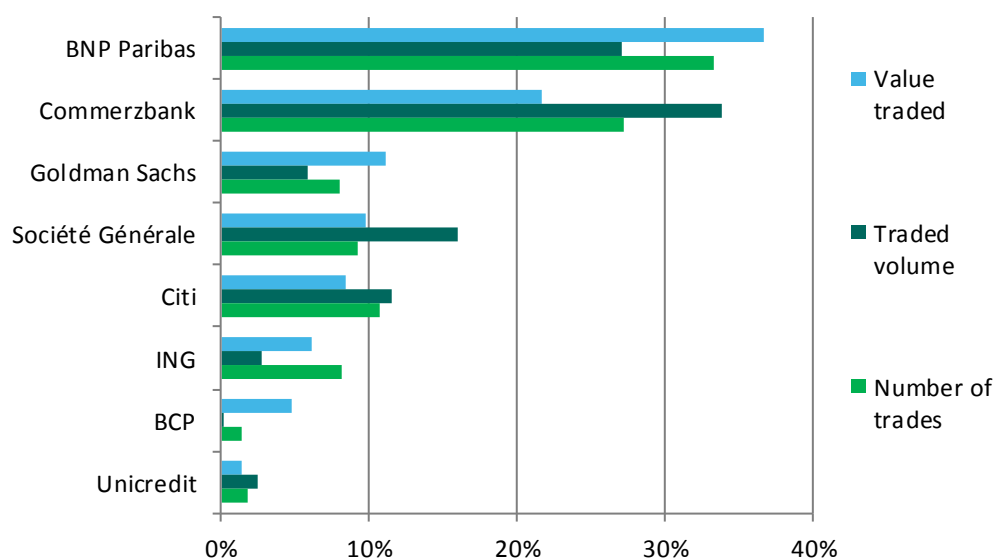
Issuers

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Issuer | Value traded | | | | Traded volume | | | | Number of trades | | | |
|------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|--------------|--------------|------------------|----------------|--------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| BNP Paribas | 11.9 | 8.1% | -13% | 36.6% | 8.8 | 5.4% | -2.1% | 27.1% | 3,511 | -1.1% | -8.6% | 33.3% |
| Commerzbank | 7.0 | -9.1% | -6.1% | 21.7% | 11.0 | -14% | 0.6% | 33.9% | 2,873 | -13% | -8.1% | 27.3% |
| Goldman Sachs | 3.6 | 7.1% | -14% | 11.1% | 1.9 | 11% | 6.5% | 5.9% | 840 | 7.2% | 4.2% | 8.0% |
| Société Générale | 3.2 | -14% | -14% | 9.7% | 5.2 | -19% | -39% | 16.0% | 970 | -25% | -18% | 9.2% |
| Citi | 2.8 | 3.3% | 17% | 8.5% | 3.8 | 22% | 18% | 11.5% | 1,133 | 3.8% | 6.6% | 10.8% |
| ING | 2.0 | -4.9% | -12% | 6.1% | 0.9 | 2.5% | -6.9% | 2.8% | 862 | 6.0% | -5.7% | 8.2% |
| BCP | 1.6 | 52% | 33% | 4.8% | 0.1 | 54% | 37% | 0.2% | 151 | 16% | 2.5% | 1.4% |
| Unicredit | 0.5 | 104% | 66% | 1.4% | 0.8 | -13% | 21% | 2.5% | 189 | -1.0% | 23% | 1.8% |
| Total | 32.5 | 2.1% | -7.6% | | 32.5 | -5.1% | -7.4% | | 10,529 | -5.7% | -6.3% | |

(Source: Euronext)



MARKET OVERVIEW

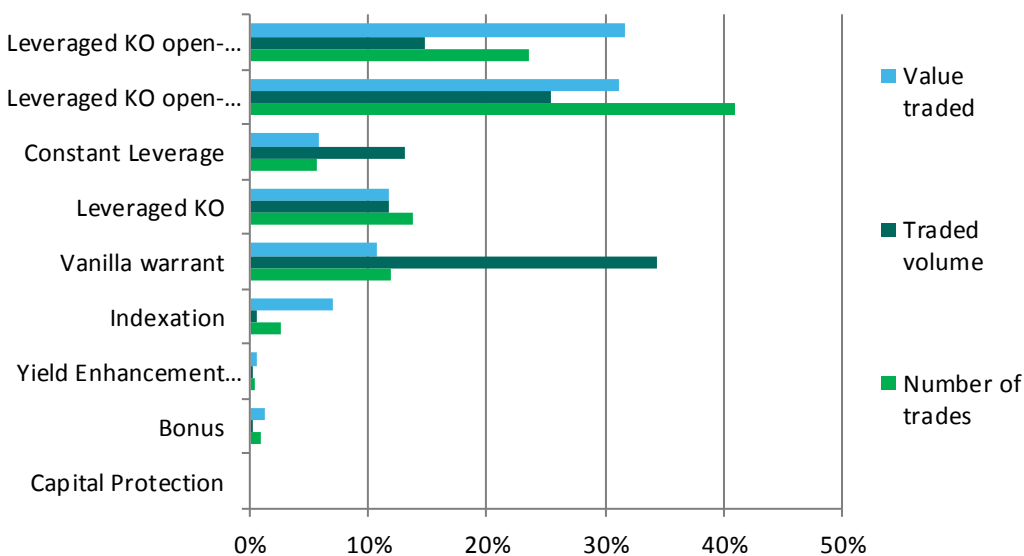
Product types

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Product type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|----------------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|--------------|--------------|------------------|----------------|--------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Leveraged KO open-end | 10.3 | 10% | -4.3% | 31.7% | 4.8 | 5.7% | 1.7% | 14.7% | 2,485 | 2.4% | -7.3% | 23.6% |
| Leveraged KO open-end BEST | 10.1 | 1.9% | -13% | 31.1% | 8.3 | 4.4% | 3.0% | 25.4% | 4,314 | 2.3% | 5.8% | 41.0% |
| Constant Leverage | 1.9 | -21% | -33% | 5.8% | 4.2 | -17% | -38% | 13.0% | 599 | -25% | -33% | 5.7% |
| Leveraged KO | 3.8 | -9.1% | 6.7% | 11.8% | 3.8 | -7.5% | 13% | 11.7% | 1,445 | -21% | -13% | 13.7% |
| Vanilla warrant | 3.5 | -4.3% | -11% | 10.6% | 11.2 | -9.3% | -5.0% | 34.4% | 1,260 | -12% | -14% | 12.0% |
| Indexation | 2.3 | 35% | 22% | 7.0% | 0.2 | -14% | -50% | 0.6% | 273 | -5.7% | -8.1% | 2.6% |
| Yield Enhancement & Other | 0.2 | 1.2% | 2.0% | 0.6% | 0.0 | 24% | 17% | 0.1% | 51 | -27% | -12% | 0.5% |
| Bonus | 0.4 | -10.0% | -10% | 1.3% | 0.0 | -34% | -10% | 0.1% | 102 | 9.6% | 5.6% | 1.0% |
| Total | 32.5 | 2.1% | -7.6% | | 32.5 | -5.1% | -7.4% | | 10,529 | -5.7% | -6.3% | |

(Source: Euronext)



MARKET OVERVIEW

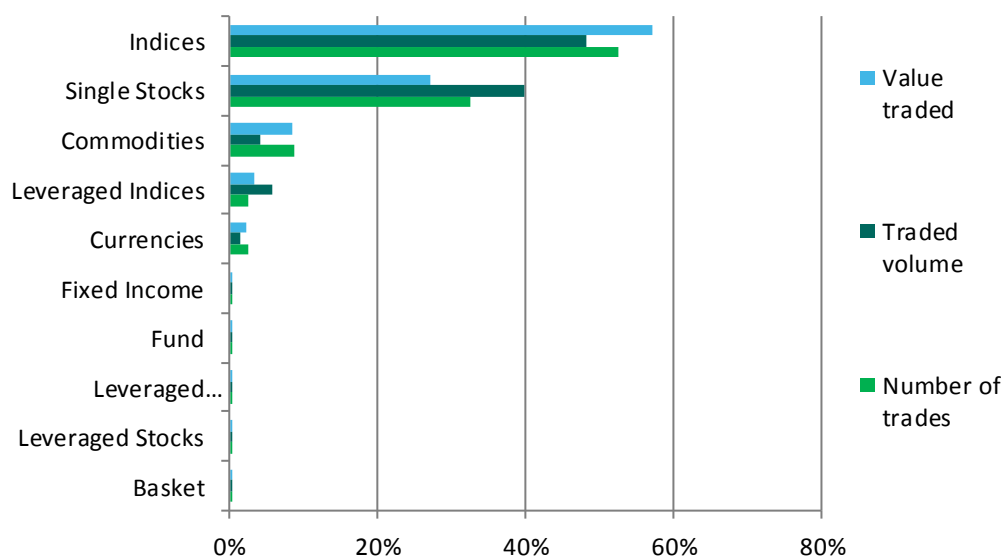
Underlying types

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per underlying type, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|--------------|--------------|------------------|----------------|--------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Indices | 18.6 | -1.2% | -9.2% | 57.3% | 15.7 | -5.4% | 6.5% | 48.3% | 5,506 | -13% | -10% | 52.4% |
| Single Stocks | 8.8 | 16% | 15% | 27.3% | 13.0 | -1.1% | 3.8% | 39.9% | 3,409 | 9.1% | 9.1% | 32.5% |
| Commodities | 2.7 | -5.1% | -26% | 8.5% | 1.3 | -2.5% | -20% | 4.0% | 933 | -4.4% | -12% | 8.9% |
| Leveraged Indices | 1.1 | -22% | -40% | 3.4% | 1.9 | -28% | -63% | 5.9% | 280 | -31% | -47% | 2.7% |
| Currencies | 0.7 | 45% | 27% | 2.2% | 0.5 | 19% | 31% | 1.5% | 271 | 29% | 17% | 2.6% |
| Fixed Income | 0.2 | -4.6% | 84% | 0.5% | 0.0 | -46% | 34% | 0.1% | 51 | -27% | 20% | 0.5% |
| Fund | 0.2 | -40% | -70% | 0.5% | 0.0 | -39% | -71% | 0.0% | 5 | 0.8% | -61% | 0.0% |
| Leveraged Commodities | 0.1 | -24% | -36% | 0.2% | 0.0 | 46% | -92% | 0.1% | 32 | -1.9% | -17% | 0.3% |
| Leveraged Stocks | 0.0 | 53% | -30% | 0.1% | 0.0 | 28% | -78% | 0.1% | 11 | -45% | -55% | 0.1% |
| Basket | 0.0 | -22% | -38% | 0.1% | 0.0 | -76% | -71% | 0.0% | 2 | -21% | -34% | 0.0% |
| Total | 32.4 | 2.1% | -7.5% | | 32.5 | -5.1% | -7.4% | | 10,499 | -5.8% | -6.3% | |

(Source: Euronext)



MARKET OVERVIEW

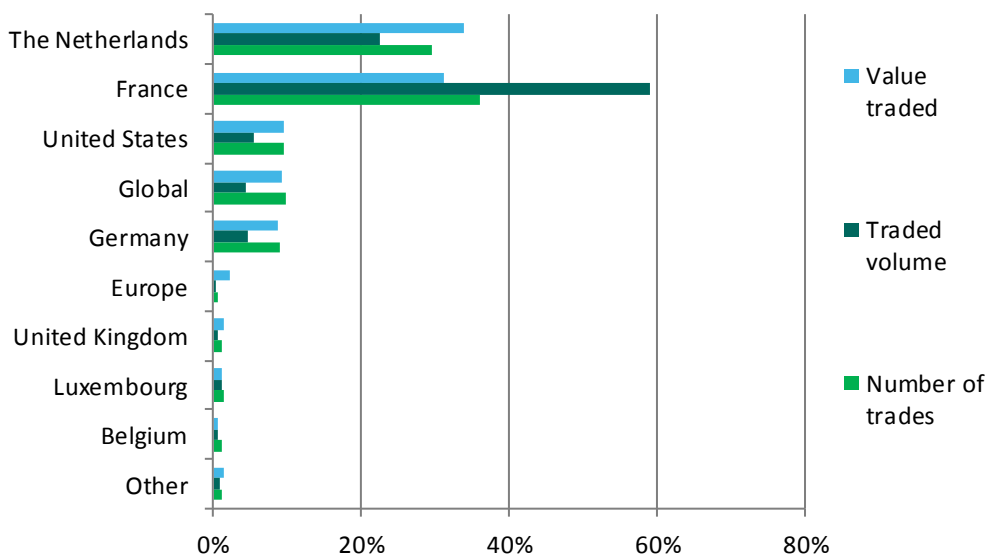
Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets per country of origin of the underlying, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying country | Value traded | | | | Traded volume | | | | Number of trades | | | |
|--------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|--------------|--------------|------------------|----------------|--------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| The Netherlands | 11.0 | 18% | 0.8% | 34.0% | 7.3 | 17% | 8.6% | 22.4% | 3,119 | 5.5% | 3.3% | 29.6% |
| France | 10.1 | -10% | -4.8% | 31.1% | 19.2 | -11% | -9.2% | 59.0% | 3,805 | -16% | -14% | 36.1% |
| United States | 3.1 | 25% | -1.2% | 9.6% | 1.8 | 4.9% | 3.9% | 5.5% | 1,000 | 11% | 8.4% | 9.5% |
| Global | 3.0 | -6.0% | -24% | 9.3% | 1.5 | -6.7% | -35% | 4.5% | 1,037 | -7.0% | -11% | 9.8% |
| Germany | 2.9 | -17% | -24% | 8.9% | 1.5 | -19% | -16% | 4.6% | 963 | -14% | -10% | 9.1% |
| Europe | 0.8 | -4.8% | -36% | 2.3% | 0.2 | -44% | -35% | 0.5% | 82 | -2.5% | -21% | 0.8% |
| United Kingdom | 0.5 | 122% | 88% | 1.4% | 0.2 | 77% | 63% | 0.7% | 126 | 63% | 40% | 1.2% |
| Luxembourg | 0.4 | 6.1% | -13% | 1.1% | 0.4 | -35% | -39% | 1.1% | 146 | -3.0% | -21% | 1.4% |
| Belgium | 0.2 | -26% | -17% | 0.7% | 0.2 | 10% | -8.8% | 0.6% | 127 | 0.5% | 12% | 1.2% |
| Other | 0.5 | 28% | -2.9% | 1.5% | 0.3 | 101% | 1.0% | 1.0% | 123 | 23% | -9.9% | 1.2% |
| Total | 32.5 | 2.1% | -7.5% | | 32.5 | -5.2% | -7.4% | | 10,528 | -5.7% | -6.2% | |

(Source: Euronext)



MARKET OVERVIEW

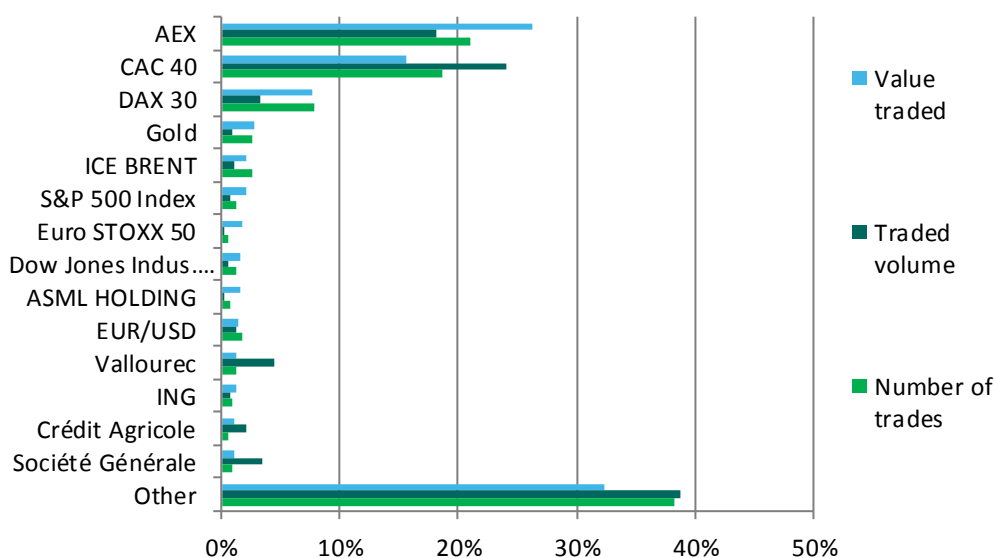
Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades across all Euronext markets for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of all Euronext markets.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

| Underlying | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|--------------|--------------|------------------|----------------|--------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| AEX | 8.5 | 13% | -3.6% | 26.3% | 5.9 | 14% | 8.3% | 18.2% | 2,215 | -2.3% | -2.3% | 21.0% |
| CAC 40 | 5.1 | -14% | -4.5% | 15.7% | 7.8 | -12% | 15% | 24.1% | 1,957 | -21% | -15% | 18.6% |
| DAX 30 | 2.5 | -18% | -27% | 7.7% | 1.1 | -12% | -16% | 3.4% | 820 | -11% | -11% | 7.8% |
| Gold | 0.9 | 33% | -21% | 2.8% | 0.3 | 26% | -14% | 0.9% | 274 | 19% | -15% | 2.6% |
| ICE BRENT | 0.7 | -23% | -39% | 2.2% | 0.3 | -25% | -31% | 1.1% | 273 | -22% | -19% | 2.6% |
| S&P 500 Index | 0.7 | -11% | -12% | 2.1% | 0.2 | -50% | -34% | 0.7% | 127 | -31% | -30% | 1.2% |
| Euro STOXX 50 | 0.6 | 9.2% | -4.3% | 1.7% | 0.1 | -64% | -42% | 0.2% | 62 | -11% | -18% | 0.6% |
| Dow Jones Indus. Avg. | 0.5 | 21% | -35% | 1.7% | 0.2 | 81% | -31% | 0.5% | 128 | -15% | -30% | 1.2% |
| ASML HOLDING | 0.5 | 163% | 133% | 1.5% | 0.1 | 132% | 142% | 0.3% | 81 | 86% | 77% | 0.8% |
| EUR/USD | 0.5 | 48% | 9.3% | 1.4% | 0.4 | 31% | 31% | 1.2% | 189 | 38% | 10% | 1.8% |
| Vallourec | 0.4 | 47% | 74% | 1.3% | 1.4 | 30% | 33% | 4.4% | 129 | 19% | 28% | 1.2% |
| ING | 0.4 | 17% | -3.7% | 1.2% | 0.2 | 13% | 3.9% | 0.8% | 90 | -8.5% | -11% | 0.9% |
| Crédit Agricole | 0.3 | 6.4% | 75% | 1.1% | 0.7 | -19% | 16% | 2.2% | 63 | -26% | -17% | 0.6% |
| Société Générale | 0.3 | -23% | -5.5% | 1.1% | 1.1 | -16% | 0.5% | 3.4% | 94 | -31% | -24% | 0.9% |
| Other | 10.5 | 4.1% | -6.1% | 32.3% | 12.6 | -7.5% | -24% | 38.7% | 4,027 | 3.3% | 0.0% | 38.2% |
| Total | 32.5 | 2.1% | -7.6% | | 32.5 | -5.1% | -7.4% | | 10,529 | -5.7% | -6.3% | |

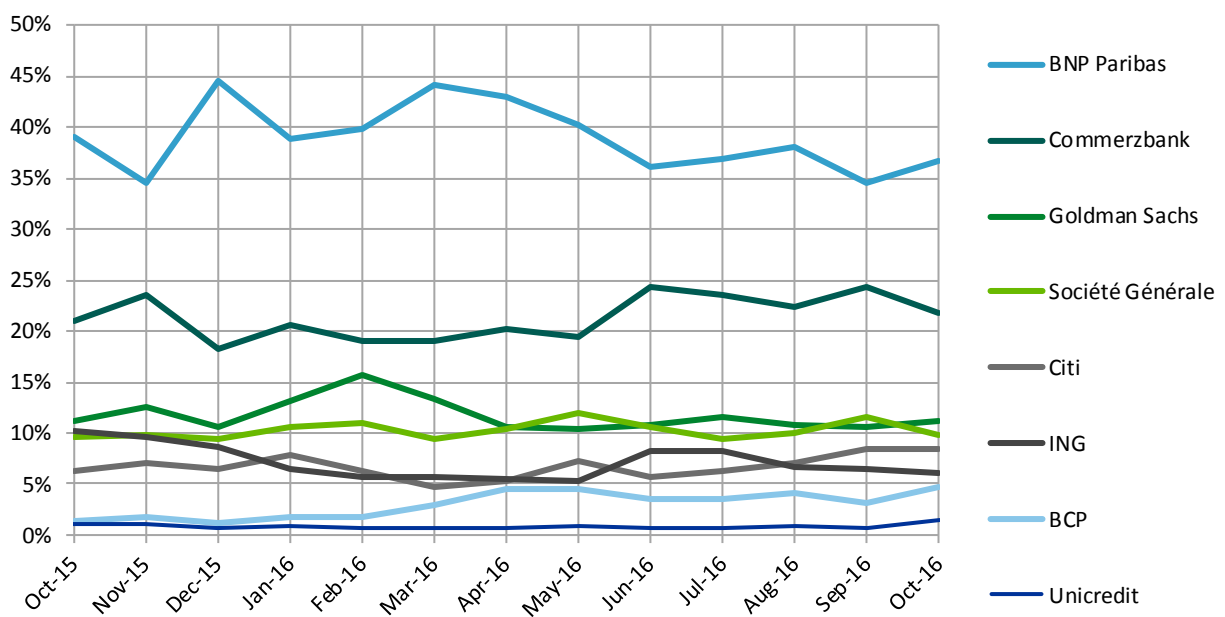
(Source: Euronext)



MARKET TREND: ISSUERS

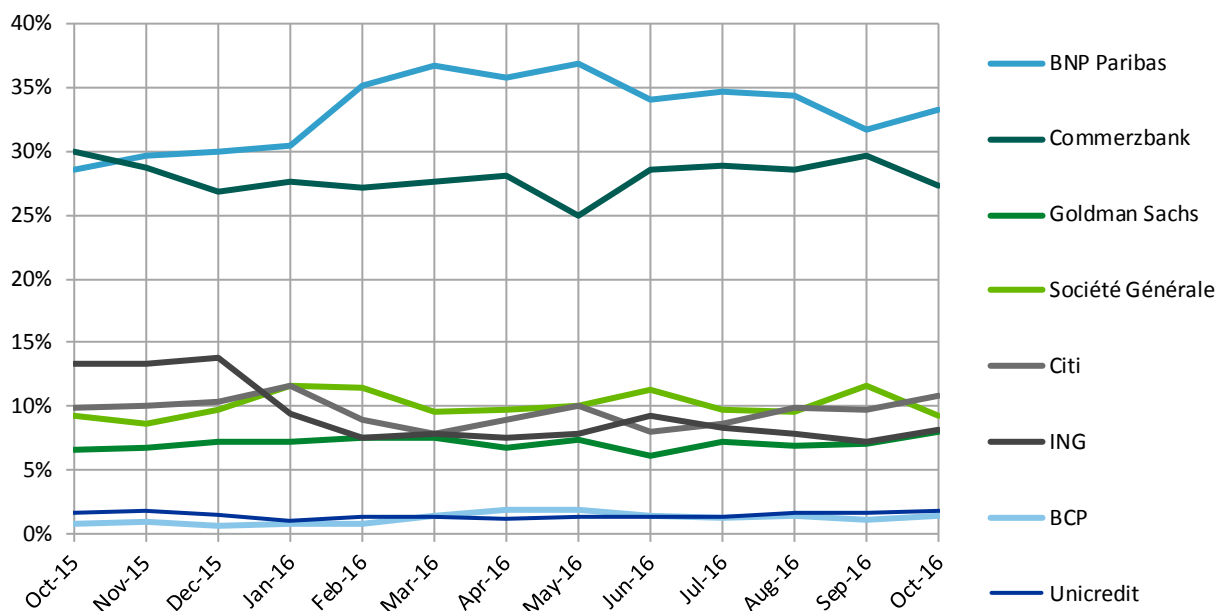
Value traded

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



Number of transactions

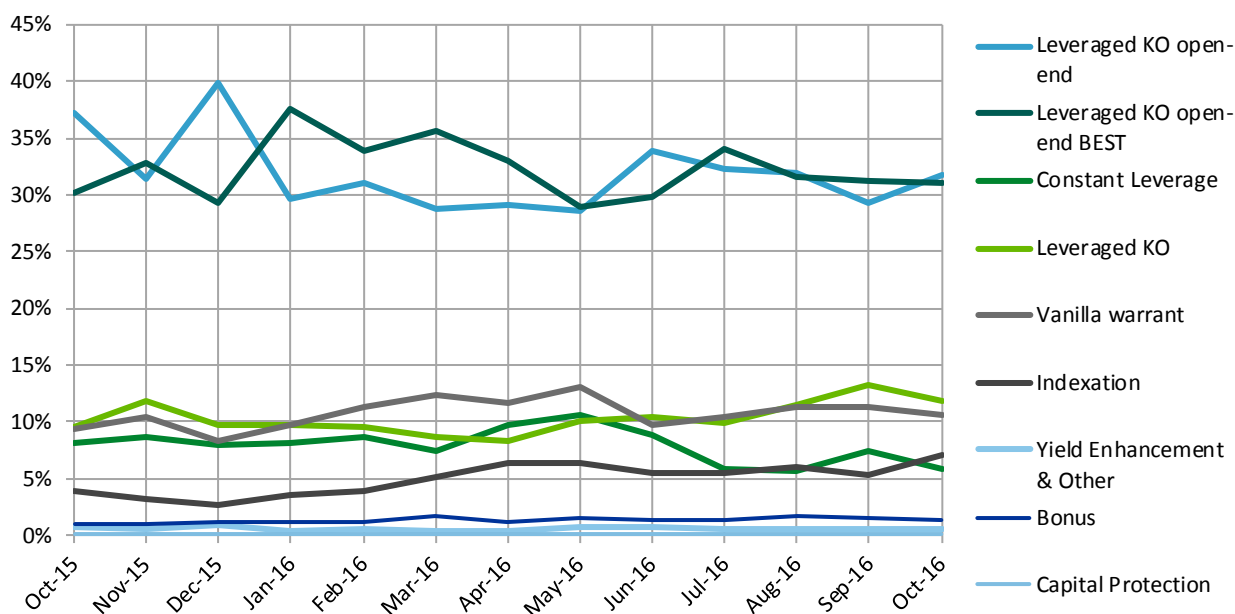
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume across all Euronext markets.



MARKET TREND: PRODUCT TYPES

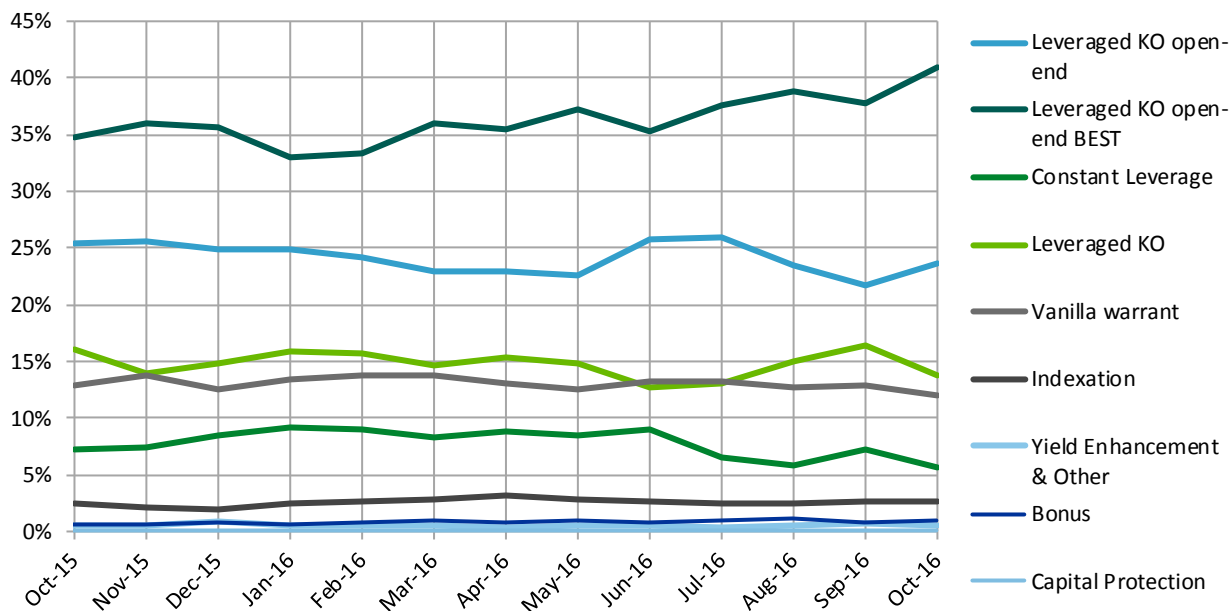
Value traded

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



Number of transactions

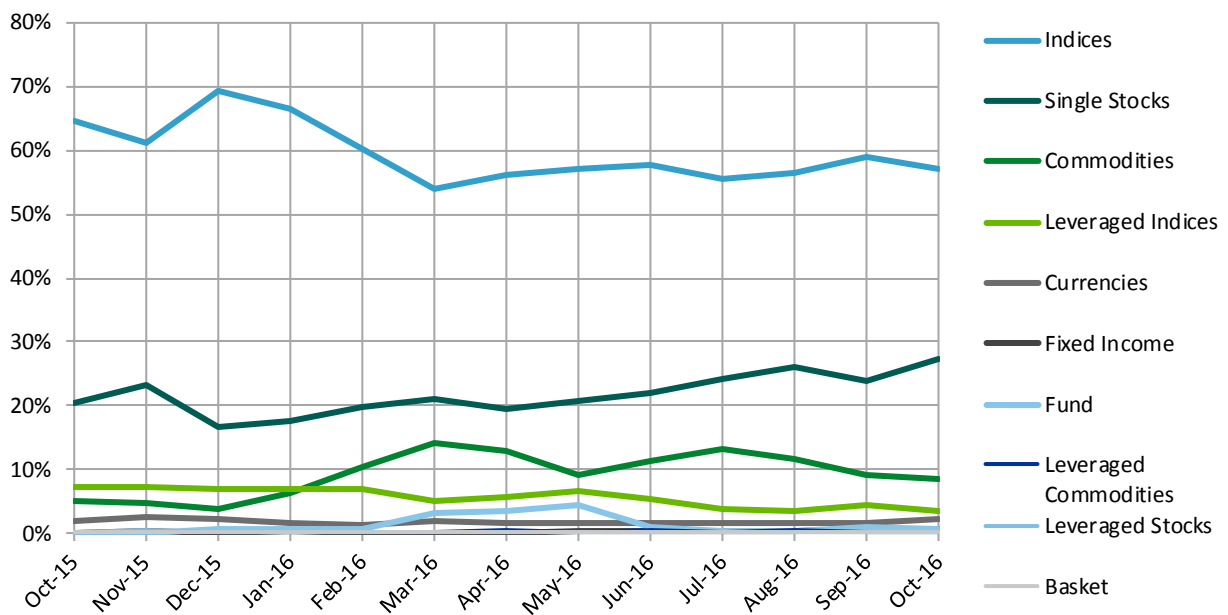
The historical graph below displays the weight of the traded volume of each product type over the total traded volume across all Euronext markets.



MARKET TREND: UNDERLYING TYPES

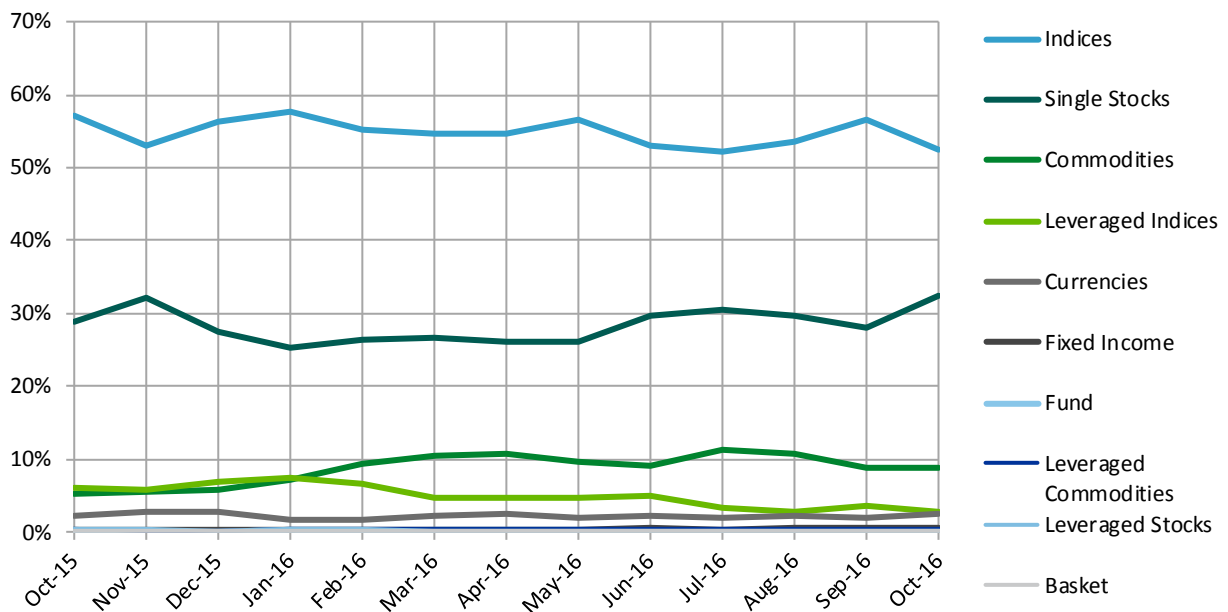
Value traded

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



Number of transactions

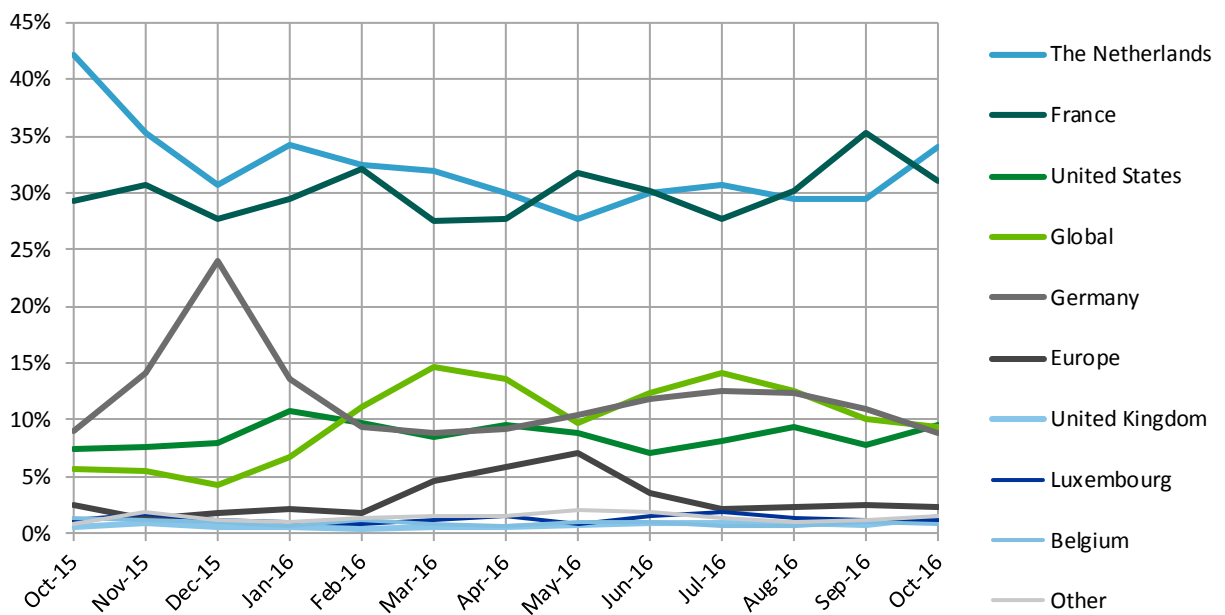
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume across all Euronext markets.



MARKET TREND: UNDERLYING COUNTRIES

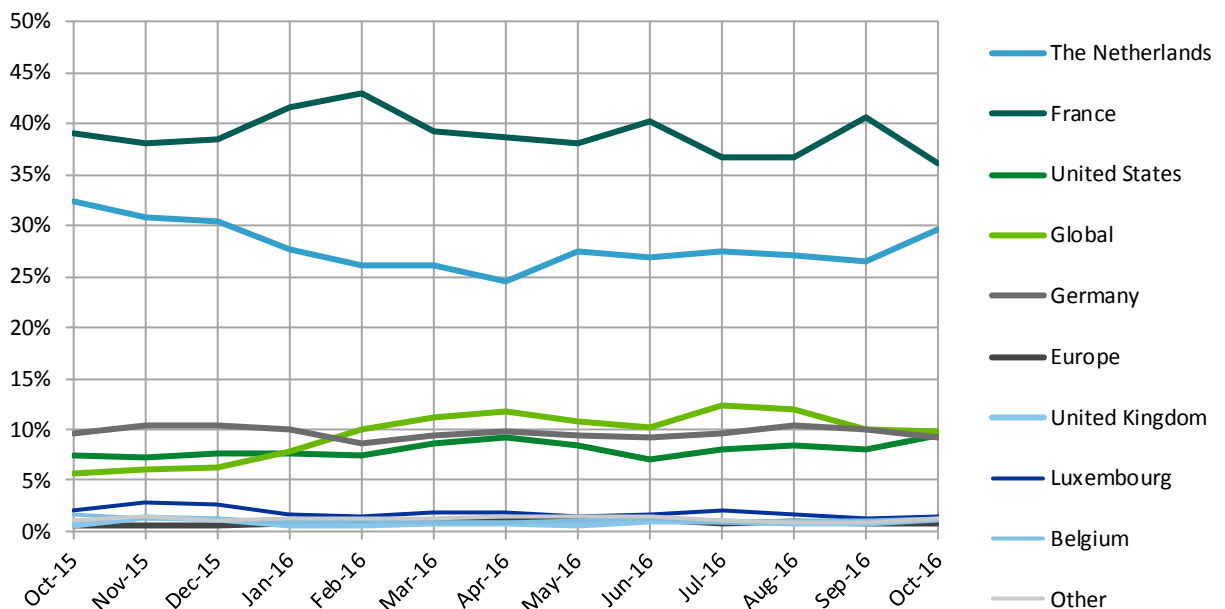
Value traded

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



Number of transactions

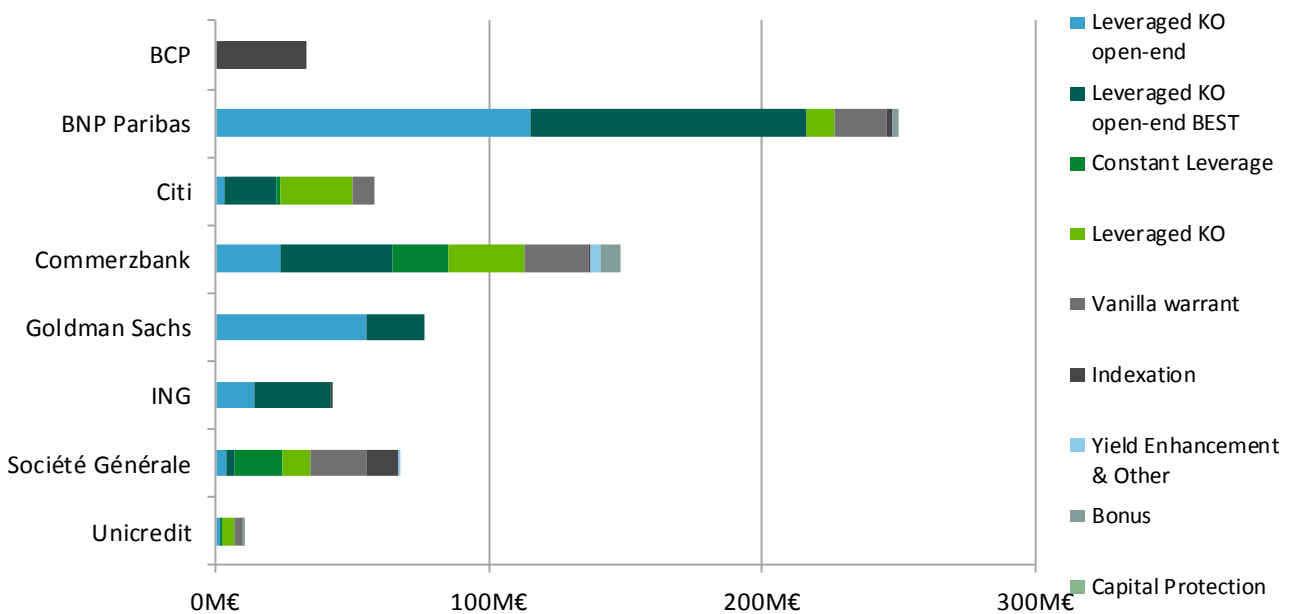
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume across all Euronext markets.



ISSUER ACTIVITY

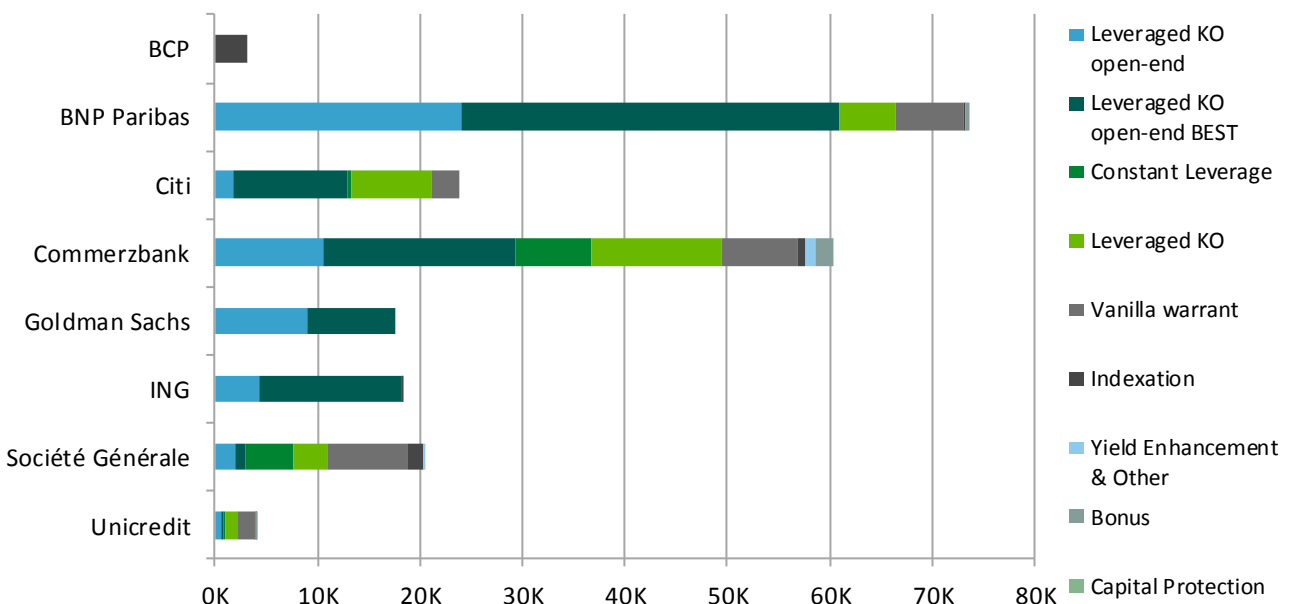
Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active in an Euronext market.



Number of transactions

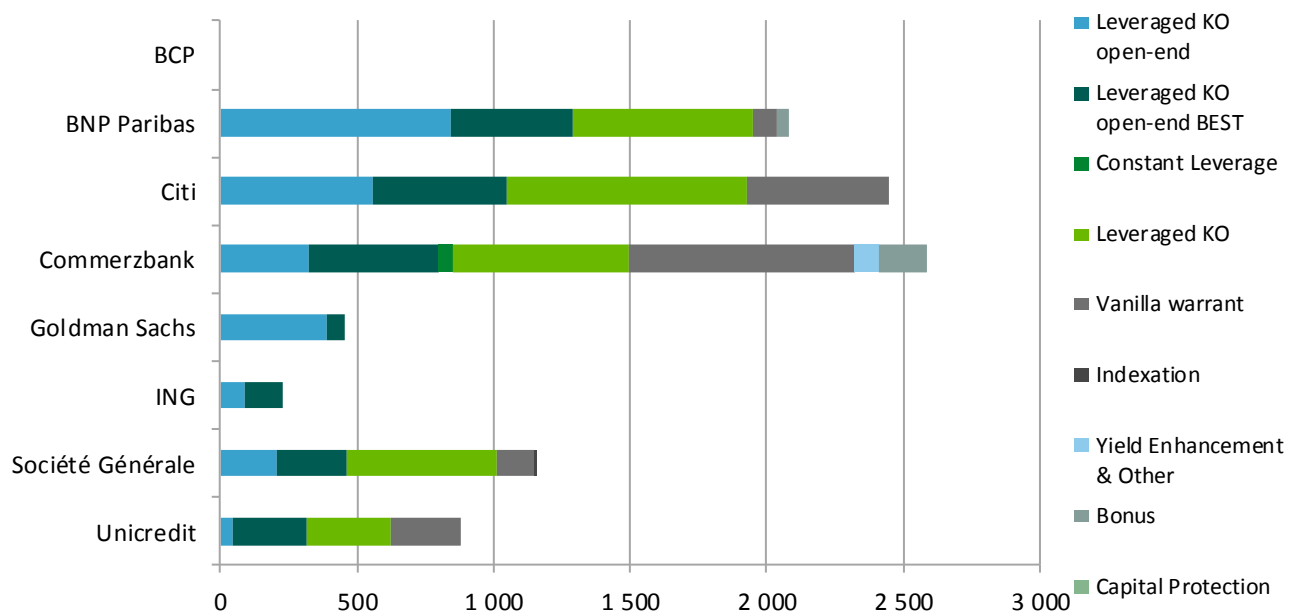
The chart below displays the number of trades per product type for each issuer active in an Euronext market.



ISSUER ACTIVITY: NEW LISTINGS

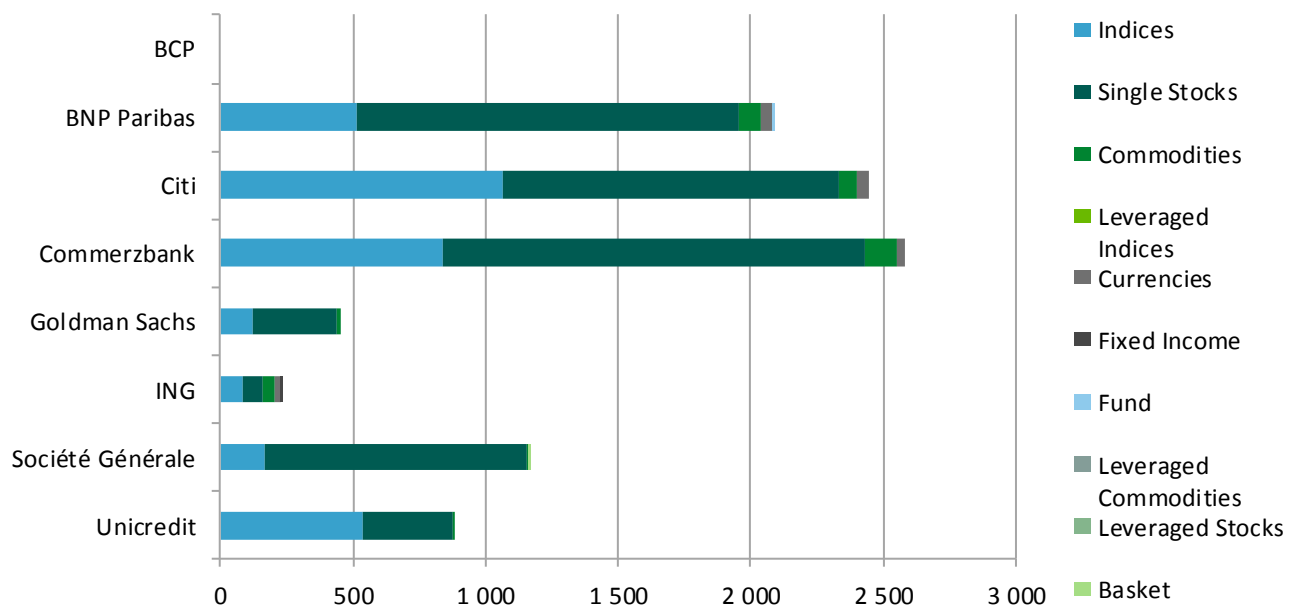
Product types

The chart below displays the number of new product listings during the month per product type for each issuer active in an Euronext market.



Underlying types

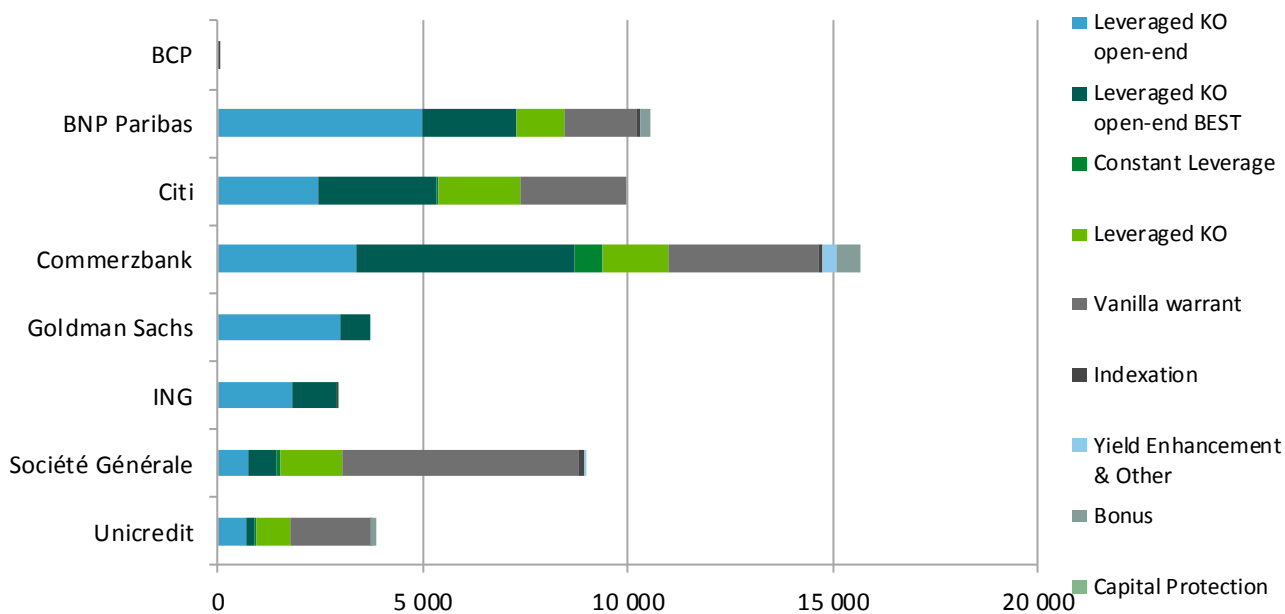
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.



ISSUER ACTIVITY: PRODUCT RANGE

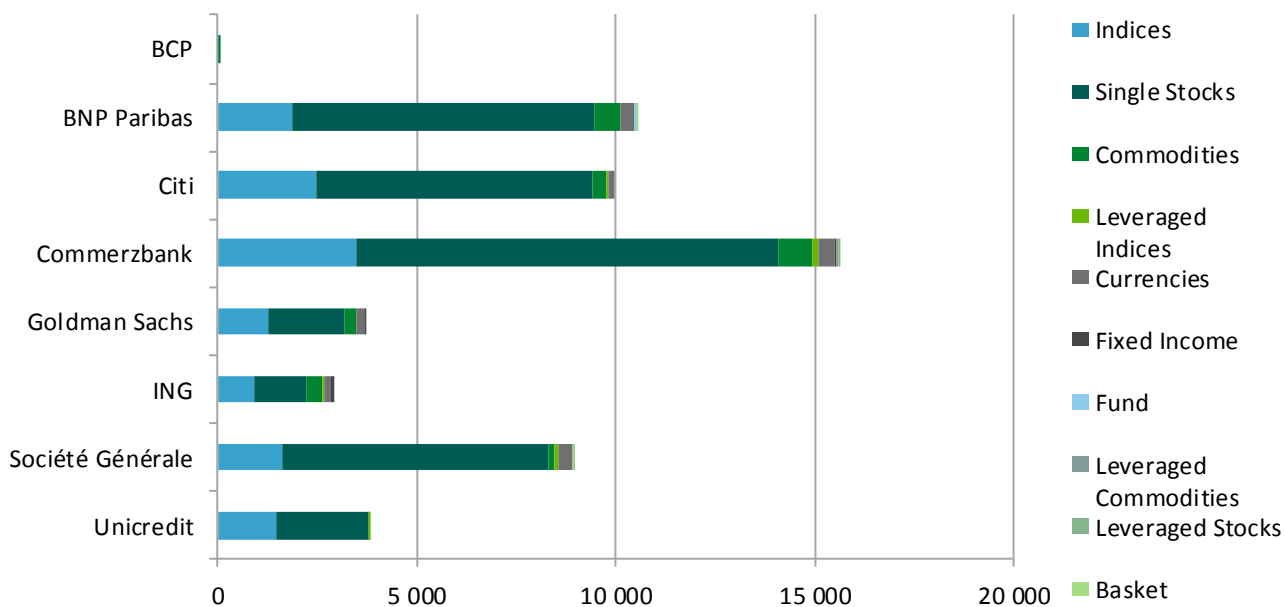
Product types

The chart below displays the number of existing product listings per product type for each issuer active in an Euronext market.



Underlying types

The chart below displays the number of existing product listings per underlying type for each issuer active in an Euronext market.



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.

| Trading symbol | ISIN Code | Product type | Issuer | Name | Number of trades | Value traded (in K€) |
|----------------|--------------|----------------------------|------------------|--------------------|------------------|----------------------|
| 1029P | PTBITAYE0046 | Pure indexation | BCP | SP500 PI OPENP | 849 | 8,973 |
| 1025P | PTBIVRYE0068 | Pure indexation | BCP | ESTX PI OPENP | 749 | 8,859 |
| SR15Z | DE000CD22134 | Constant Leverage | Commerzbank | CACF SHTOPENZ | 2,297 | 6,570 |
| DW99B | NL0011267992 | Leveraged KO open-end BEST | BNP Paribas | AEX 501.8BS OPENB | 966 | 5,814 |
| NJ50B | NL0012015820 | Leveraged KO open-end BEST | BNP Paribas | AEX 462.7BS OPENB | 953 | 5,778 |
| NL55B | NL0012017875 | Leveraged KO open-end BEST | BNP Paribas | AEX 441.4BL OPENB | 947 | 4,628 |
| S15MS | FR0013135720 | Constant Leverage | Société Générale | CA15S PI 0336S | 962 | 4,604 |
| DQ42B | NL0011262423 | Leveraged KO open-end | BNP Paribas | AEX 515TS OPENB | 149 | 4,570 |
| LG15Z | DE000CZ28ZJ7 | Constant Leverage | Commerzbank | CACF LEVOPENZ | 1,664 | 4,552 |
| 1960C | DE000CX66Z28 | Leveraged KO | Citi | CAC40 5400TS 0317C | 39 | 4,491 |
| LM15S | FR0013188612 | Pure indexation | Société Générale | C15LE PI 0736S | 658 | 4,179 |
| 2124S | FR0010511535 | Pure indexation | Société Générale | BRENT PI OPENS | 369 | 3,535 |
| 1027P | PTBITEYE0034 | Pure indexation | BCP | DAX PI OPENP | 361 | 3,457 |
| NL13B | NL0012017453 | Leveraged KO open-end BEST | BNP Paribas | AEX 439.4BL OPENB | 383 | 3,389 |
| DW91B | NL0011267919 | Leveraged KO open-end | BNP Paribas | AEX 496TS OPENB | 146 | 3,166 |
| P020S | LU1416200373 | Leveraged KO | Société Générale | CAGRI 7.25TL 1216S | 101 | 2,983 |
| 1026P | PTBIYZYE0040 | Pure indexation | BCP | DJIND PI OPENP | 252 | 2,742 |
| LV15Z | DE000CD5NZY1 | Constant Leverage | Commerzbank | CACF LEVOPENZ | 789 | 2,692 |
| JE83B | NL0011813464 | Leveraged KO open-end | BNP Paribas | GOLD 1221TL OPENB | 364 | 2,649 |
| NO75B | NL0012021075 | Leveraged KO open-end BEST | BNP Paribas | AEX 447.8BL OPENB | 681 | 2,548 |
| U995B | NL0011467303 | Vanilla warrant | BNP Paribas | ETDD 45.21C 1026B | 13 | 2,136 |
| 1028P | PTBIY1YE0064 | Pure indexation | BCP | PSI 2 PI OPENP | 171 | 2,109 |
| A4JNH | NL0011934021 | Leveraged KO open-end | Goldman Sachs | AEX 437.7TL OPENH | 296 | 2,042 |
| NO98B | NL0012021307 | Leveraged KO open-end | BNP Paribas | AEX 460TS OPENB | 388 | 2,027 |
| JE23B | NL0011812862 | Leveraged KO open-end | BNP Paribas | GOLD 1196TL OPENB | 146 | 1,981 |
| NH78B | NL0011921408 | Leveraged KO open-end BEST | BNP Paribas | AEX 479.1BS OPENB | 951 | 1,948 |
| L10MS | FR0013101565 | Constant Leverage | Société Générale | CA10L PI OPENS | 559 | 1,932 |
| JZ44B | NL0011913066 | Leveraged KO open-end | BNP Paribas | TWTR 15.8TL OPENB | 77 | 1,915 |
| EJ39B | NL0011427695 | Leveraged KO open-end BEST | BNP Paribas | ASMLH69.35BL OPENB | 75 | 1,907 |
| NI75B | NL0011922372 | Leveraged KO open-end | BNP Paribas | AEX 466TS OPENB | 273 | 1,894 |
| 7731S | FR0010961078 | Constant Leverage | Société Générale | CAC5L PI OPENS | 360 | 1,850 |
| JU24B | NL0011907860 | Leveraged KO open-end BEST | BNP Paribas | AEX 435.BL OPENB | 961 | 1,764 |
| 1005H | NL0010720850 | Leveraged KO open-end | Goldman Sachs | AEX 526.5TS OPENH | 67 | 1,744 |
| CX23B | NL0011091368 | Leveraged KO open-end BEST | BNP Paribas | AEX 524.BS OPENB | 861 | 1,728 |
| CM29B | NL0011081526 | Leveraged KO open-end | BNP Paribas | AEX 519TS OPENB | 84 | 1,717 |
| A415H | NL0011927363 | Leveraged KO open-end | Goldman Sachs | AEX 438.1TL OPENH | 256 | 1,711 |
| 76WPZ | DE000CN6FQ94 | Leveraged KO open-end | Commerzbank | AEX 532.8TS OPENZ | 8 | 1,704 |
| JT35B | NL0011906979 | Leveraged KO open-end | BNP Paribas | AEX 436TL OPENB | 176 | 1,615 |
| NL56B | NL0012017883 | Leveraged KO open-end BEST | BNP Paribas | AEX 442.4BL OPENB | 381 | 1,602 |
| NR83B | NL0012024152 | Leveraged KO open-end | BNP Paribas | AEX 448TL OPENB | 264 | 1,596 |
| I486Z | DE000CN9SBT1 | Leveraged KO | Commerzbank | DAX 11600TS 1216Z | 162 | 1,588 |
| S10MS | FR0013135753 | Constant Leverage | Société Générale | CA10S PI 0336S | 288 | 1,560 |
| CX24B | NL0011091376 | Leveraged KO open-end BEST | BNP Paribas | AEX 534BS OPENB | 837 | 1,437 |
| 7165Z | DE000CD9CK42 | Vanilla warrant | Commerzbank | CAC40 4500C 0117Z | 96 | 1,433 |
| A50KH | NL0011974290 | Leveraged KO open-end BEST | Goldman Sachs | AEX 462.TR SOPENH | 746 | 1,414 |
| 7456H | NL0011589718 | Leveraged KO open-end BEST | Goldman Sachs | AEX 495TRSOPENH | 558 | 1,407 |
| H874Z | DE000CD07AJ1 | Vanilla warrant | Commerzbank | CAC40 4600C 1216Z | 120 | 1,385 |
| A0NQH | NL0011712252 | Leveraged KO open-end | Goldman Sachs | AEX 506.4TS OPENH | 52 | 1,354 |
| IO67G | NL0011856364 | Leveraged KO open-end BEST | ING | DAX 10312SPLOPENG | 159 | 1,329 |
| 0102T | DE000HV1M3J5 | Leveraged KO | Unicredit | CAC40 5375TS 0117T | 5 | 1,327 |

(Source: Euronext)



Euronext Amsterdam

MARKET OVERVIEW

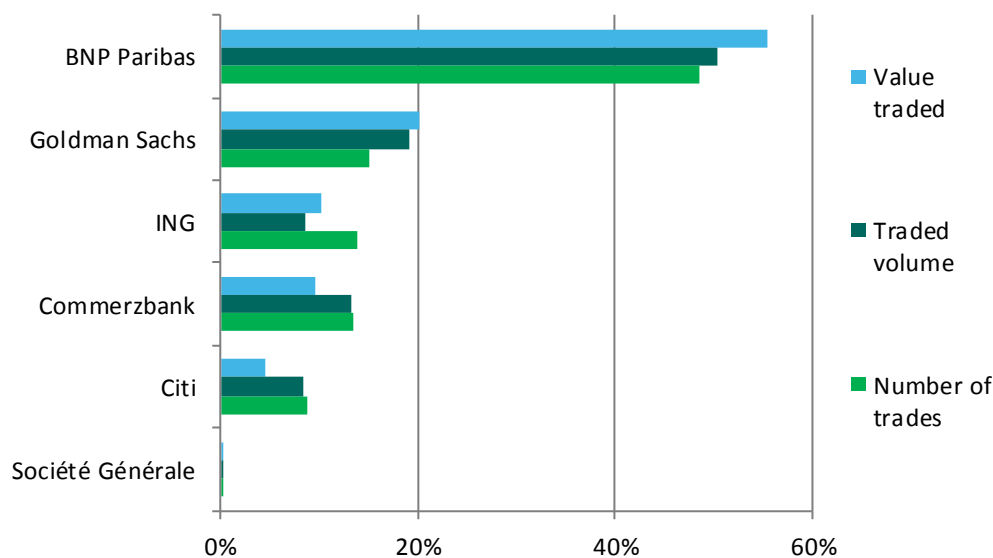
Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Issuer | Value traded | | | | Traded volume | | | | Number of trades | | | |
|------------------|-----------------------|----------------|---------|--------------|----------------------|----------------|---------|--------------|------------------|----------------|---------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| BNP Paribas | 10.0 | 13% | -10.0% | 55.5% | 5.1 | 13% | -4.5% | 50.5% | 2,691 | 1.6% | -5.9% | 48.5% |
| Goldman Sachs | 3.6 | 7.1% | -14% | 20.1% | 1.9 | 11% | 6.5% | 19.2% | 840 | 7.2% | 4.2% | 15.2% |
| ING | 1.8 | -4.8% | -11% | 10.1% | 0.9 | 7.3% | -4.5% | 8.5% | 769 | 9.5% | -2.6% | 13.9% |
| Commerzbank | 1.7 | 14% | -8.4% | 9.6% | 1.3 | 6.2% | 2.3% | 13.2% | 745 | 9.5% | 13% | 13.4% |
| Citi | 0.8 | 78% | 74% | 4.6% | 0.9 | 143% | 116% | 8.5% | 494 | 70% | 82% | 8.9% |
| Société Générale | 0.0 | 64% | 475% | 0.1% | 0.0 | -46% | 228% | 0.0% | 5 | 1.0% | 338% | 0.1% |
| Total | | | | | | | | | | | | |

(Source: Euronext)



MARKET OVERVIEW

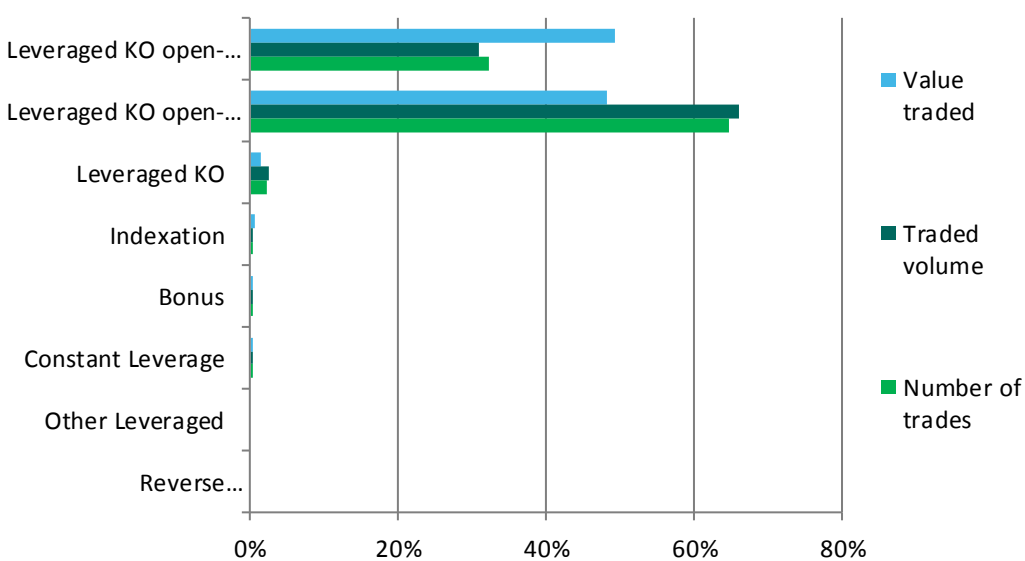
Product types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Product type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|----------------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Leveraged KO open-end | 8.9 | 15% | -3.8% | 49.4% | 3.1 | 20% | 3.4% | 31.1% | 1,786 | 9.4% | -6.6% | 32.2% |
| Leveraged KO open-end BEST | 8.7 | 8.8% | -13% | 48.4% | 6.6 | 15% | 3.0% | 66.1% | 3,593 | 7.6% | 7.3% | 64.8% |
| Leveraged KO | 0.2 | 2.6% | 17% | 1.4% | 0.3 | 22% | 44% | 2.5% | 132 | 29% | 56% | 2.4% |
| Indexation | 0.1 | 108% | 12% | 0.6% | 0.0 | 4.3% | -14% | 0.1% | 10 | 65% | 6.6% | 0.2% |
| Bonus | 0.0 | -44% | -62% | 0.2% | 0.0 | -34% | -58% | 0.0% | 7 | -6.1% | -34% | 0.1% |
| Constant Leverage | 0.0 | -47% | -33% | 0.1% | 0.0 | -11% | -61% | 0.2% | 14 | -34% | -33% | 0.3% |
| Total | 18.0 | 12% | -8.8% | | 10.0 | 17% | 3.3% | | 5,543 | 8.5% | 2.9% | |

(Source: Euronext)



MARKET OVERVIEW

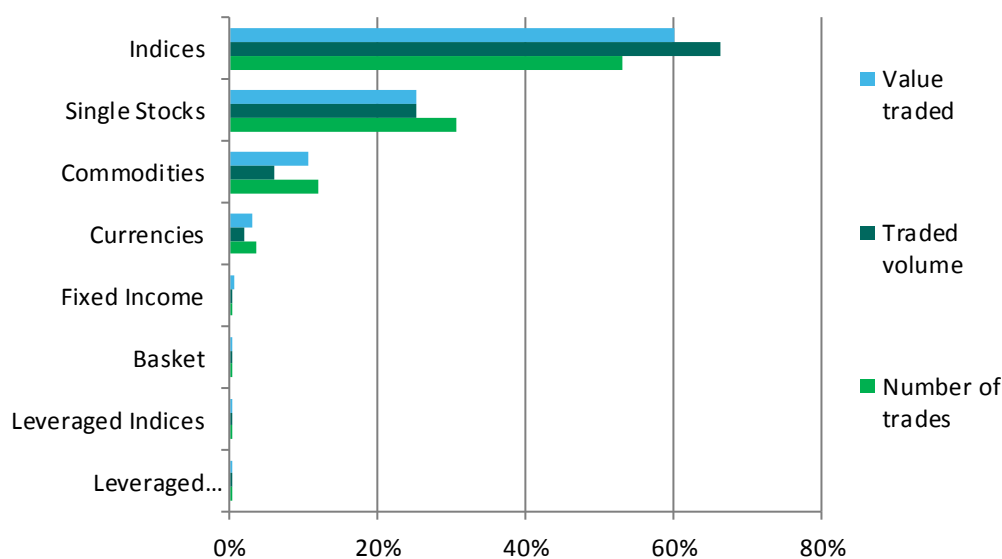
Underlying types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per underlying type, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Indices | 10.8 | 5.7% | -15% | 60.1% | 6.7 | 12% | 1.8% | 66.5% | 2,932 | -1.7% | -5.2% | 53.2% |
| Single Stocks | 4.5 | 38% | 21% | 25.3% | 2.5 | 31% | 15% | 25.3% | 1,688 | 30% | 25% | 30.6% |
| Commodities | 1.9 | -7.6% | -31% | 10.8% | 0.6 | 5.8% | -24% | 6.1% | 669 | 5.1% | -9.5% | 12.1% |
| Currencies | 0.5 | 59% | 35% | 3.0% | 0.2 | 65% | 44% | 2.0% | 193 | 53% | 36% | 3.5% |
| Fixed Income | 0.1 | 28% | 106% | 0.6% | 0.0 | -43% | 23% | 0.2% | 27 | -22% | 9.6% | 0.5% |
| Basket | 0.0 | -22% | -36% | 0.1% | 0.0 | -76% | -71% | 0.0% | 2 | -20% | -32% | 0.0% |
| Leveraged Indices | 0.0 | -80% | -52% | 0.0% | 0.0 | -65% | -78% | 0.0% | 3 | -68% | -40% | 0.1% |
| Leveraged Commodities | 0.0 | 286% | 204% | 0.0% | 0.0 | 224% | 221% | 0.0% | 0 | 68% | 254% | 0.0% |
| Total | 17.9 | 12% | -8.6% | | 10.0 | 17% | 3.3% | | 5,515 | 8.4% | 2.8% | |

(Source: Euronext)



MARKET OVERVIEW

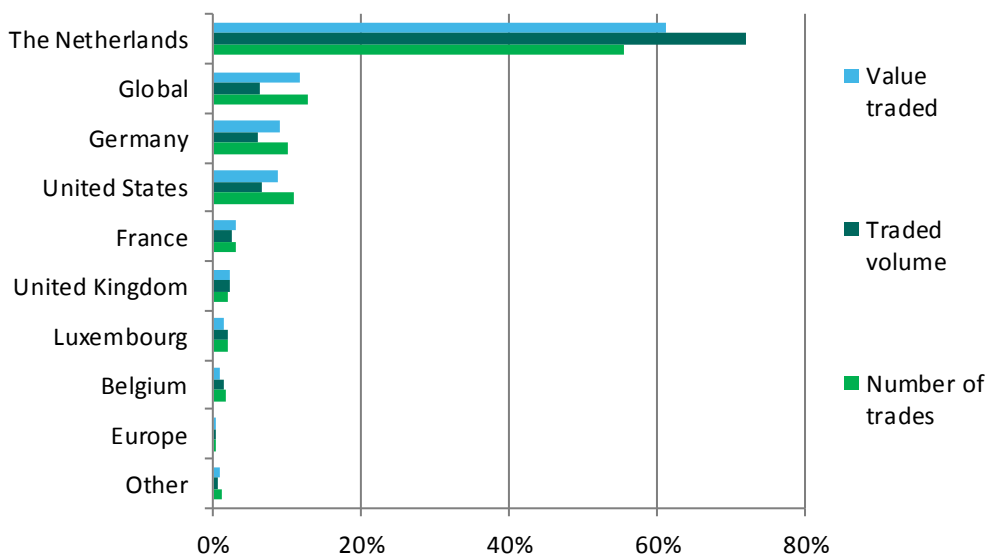
Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam per country of origin of the underlying, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying country | Value traded | | | | Traded volume | | | | Number of trades | | | |
|--------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| The Netherlands | 11.0 | 19% | 1.1% | 61.2% | 7.2 | 19% | 9.4% | 71.9% | 3,086 | 7.1% | 4.0% | 55.7% |
| Global | 2.1 | -5.1% | -28% | 11.6% | 0.6 | 6.0% | -22% | 6.3% | 704 | 4.6% | -8.5% | 12.7% |
| Germany | 1.6 | -20% | -33% | 9.1% | 0.6 | -16% | -20% | 6.0% | 561 | -2.7% | -4.6% | 10.1% |
| United States | 1.6 | 40% | -11% | 8.8% | 0.7 | 44% | 7.8% | 6.7% | 613 | 26% | 17% | 11.1% |
| France | 0.5 | 31% | 12% | 3.0% | 0.2 | 42% | 10% | 2.4% | 174 | 31% | 22% | 3.1% |
| United Kingdom | 0.4 | 122% | 90% | 2.4% | 0.2 | 81% | 78% | 2.2% | 117 | 69% | 43% | 2.1% |
| Luxembourg | 0.3 | 17% | -18% | 1.6% | 0.2 | -5.0% | -34% | 2.0% | 110 | 8.2% | -18% | 2.0% |
| Belgium | 0.2 | -36% | -16% | 1.0% | 0.1 | 8.1% | 7.3% | 1.5% | 98 | -5.2% | 20% | 1.8% |
| Europe | 0.1 | -32% | -62% | 0.4% | 0.0 | -28% | -48% | 0.3% | 18 | -30% | -44% | 0.3% |
| Other | 0.2 | -24% | -34% | 1.0% | 0.1 | 7.7% | -13% | 0.7% | 62 | 2.6% | -11% | 1.1% |
| Total | 18.0 | 12% | -8.8% | | 10.0 | 17% | 3.3% | | 5,543 | 8.5% | 2.9% | |

(Source: Euronext)



MARKET OVERVIEW

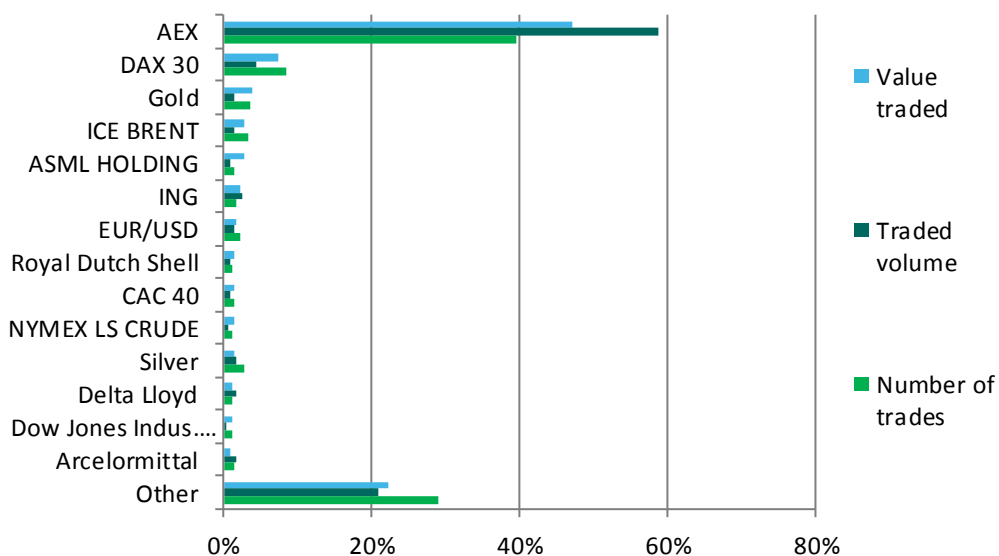
Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Amsterdam for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Amsterdam.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

| Underlying | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| AEX | 8.5 | 13% | -3.3% | 47.3% | 5.9 | 16% | 9.2% | 58.8% | 2,194 | -0.9% | -1.4% | 39.6% |
| DAX 30 | 1.3 | -23% | -39% | 7.5% | 0.5 | -9.5% | -24% | 4.6% | 468 | 3.4% | -5.2% | 8.4% |
| Gold | 0.7 | 39% | -21% | 3.9% | 0.1 | 44% | -11% | 1.4% | 206 | 28% | -15% | 3.7% |
| ICE BRENT | 0.5 | -24% | -45% | 2.9% | 0.2 | -6.2% | -37% | 1.6% | 188 | -15% | -18% | 3.4% |
| ASML HOLDING | 0.5 | 163% | 133% | 2.8% | 0.1 | 132% | 142% | 0.8% | 81 | 86% | 77% | 1.5% |
| ING | 0.4 | 20% | -3.5% | 2.2% | 0.2 | 28% | 5.6% | 2.4% | 89 | -0.1% | -10% | 1.6% |
| EUR/USD | 0.3 | 57% | 8.1% | 1.7% | 0.1 | 69% | 31% | 1.4% | 132 | 58% | 25% | 2.4% |
| Royal Dutch Shell | 0.3 | 17% | -13% | 1.6% | 0.1 | 22% | 0.2% | 1.0% | 64 | -10.0% | -20% | 1.2% |
| CAC 40 | 0.3 | 20% | -4.8% | 1.5% | 0.1 | 58% | -20% | 0.9% | 77 | 25% | 4.9% | 1.4% |
| NYMEX LS CRUDE | 0.3 | -34% | -13% | 1.5% | 0.1 | -7.7% | -5.8% | 0.6% | 69 | -3.8% | -1.1% | 1.2% |
| Silver | 0.3 | -24% | -38% | 1.5% | 0.2 | -0.1% | -25% | 1.7% | 152 | 18% | -1.5% | 2.7% |
| Delta Lloyd | 0.2 | 240% | 119% | 1.2% | 0.2 | 90% | 84% | 1.7% | 61 | 136% | 41% | 1.1% |
| Dow Jones Indus. Avg. | 0.2 | 1.8% | -62% | 1.2% | 0.0 | 2.2% | -73% | 0.4% | 63 | -27% | -40% | 1.1% |
| Arcelormittal | 0.2 | 5.4% | -32% | 1.0% | 0.2 | -11% | -40% | 1.7% | 82 | 0.1% | -26% | 1.5% |
| Other | 4.0 | 22% | 8.8% | 22.2% | 2.1 | 22% | 11% | 21.0% | 1,617 | 23% | 23% | 29.2% |
| Total | 18.0 | 12% | -8.8% | | 10.0 | 17% | 3.3% | | 5,543 | 8.5% | 2.9% | |

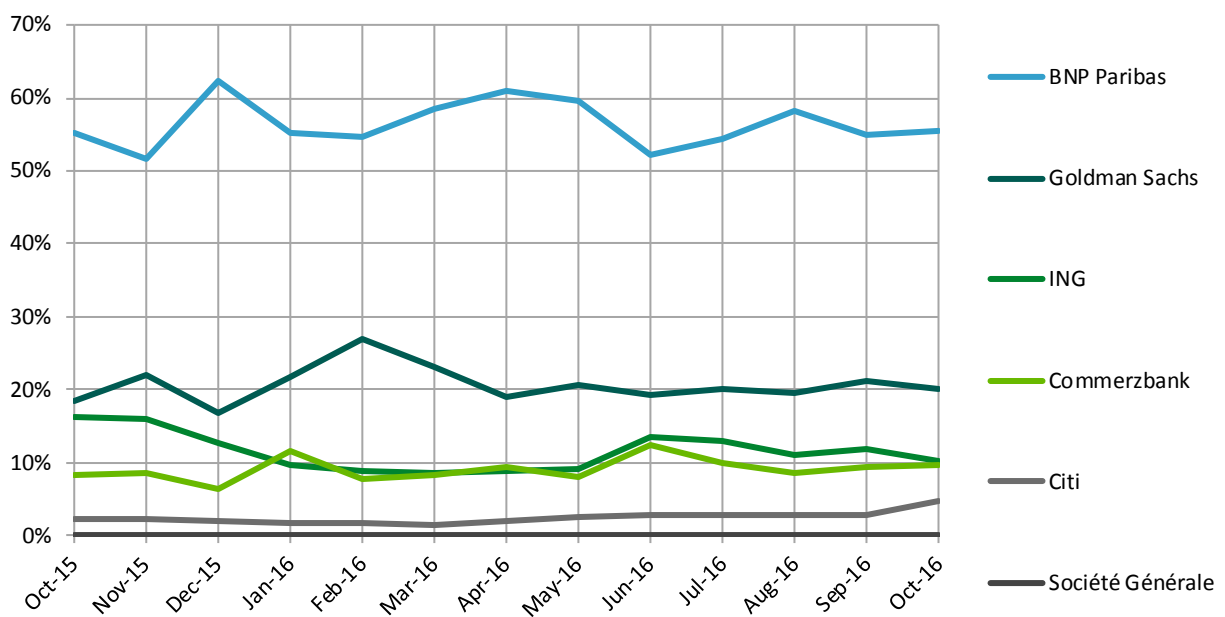
(Source: Euronext)



MARKET TREND: ISSUERS

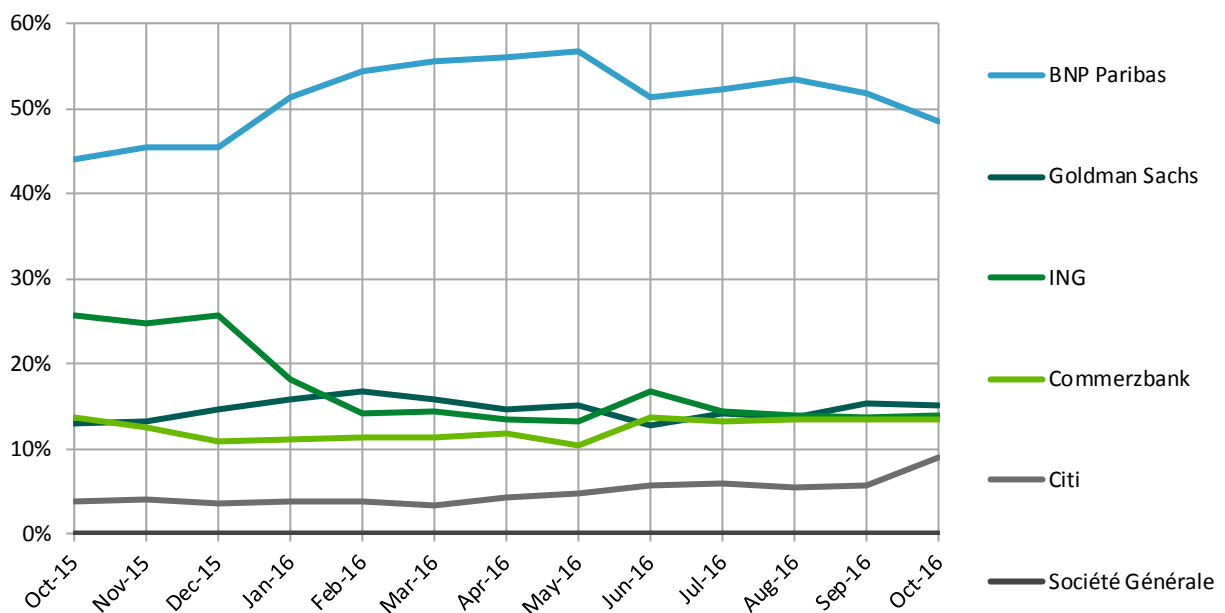
Value traded

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



Number of transactions

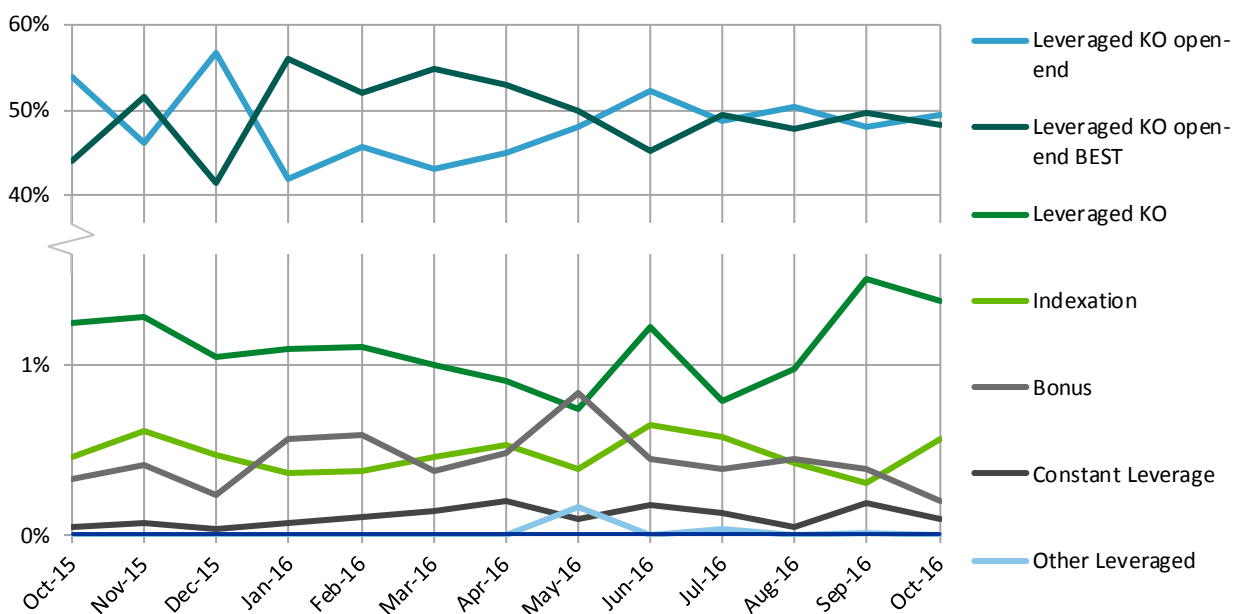
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Amsterdam.



MARKET TREND: PRODUCT TYPES

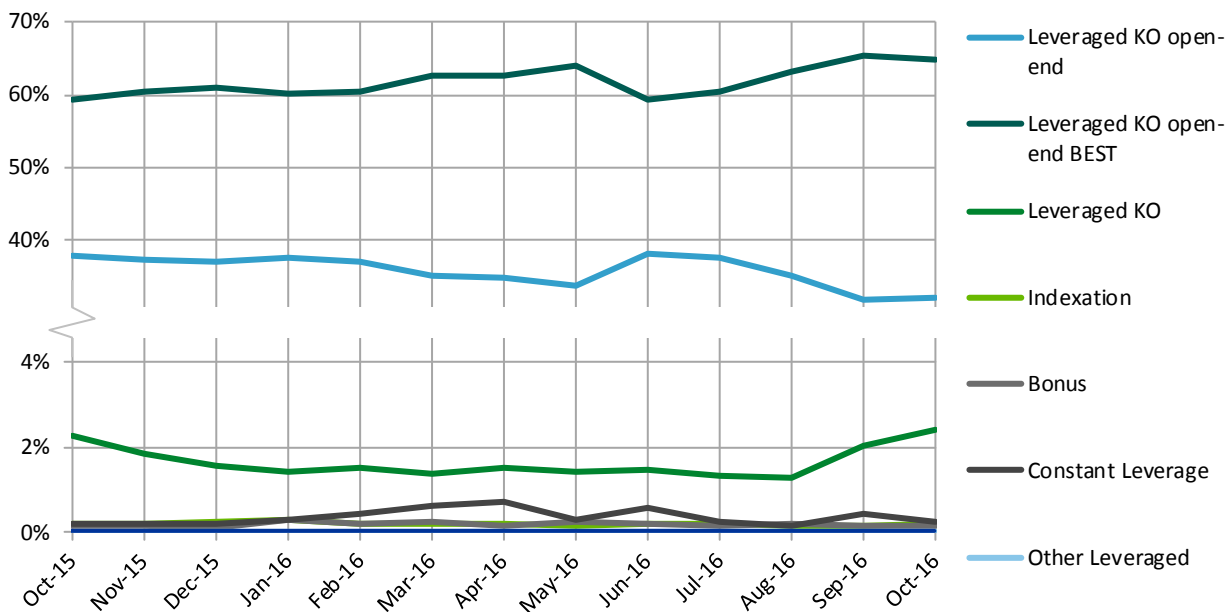
Value traded

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



Number of transactions

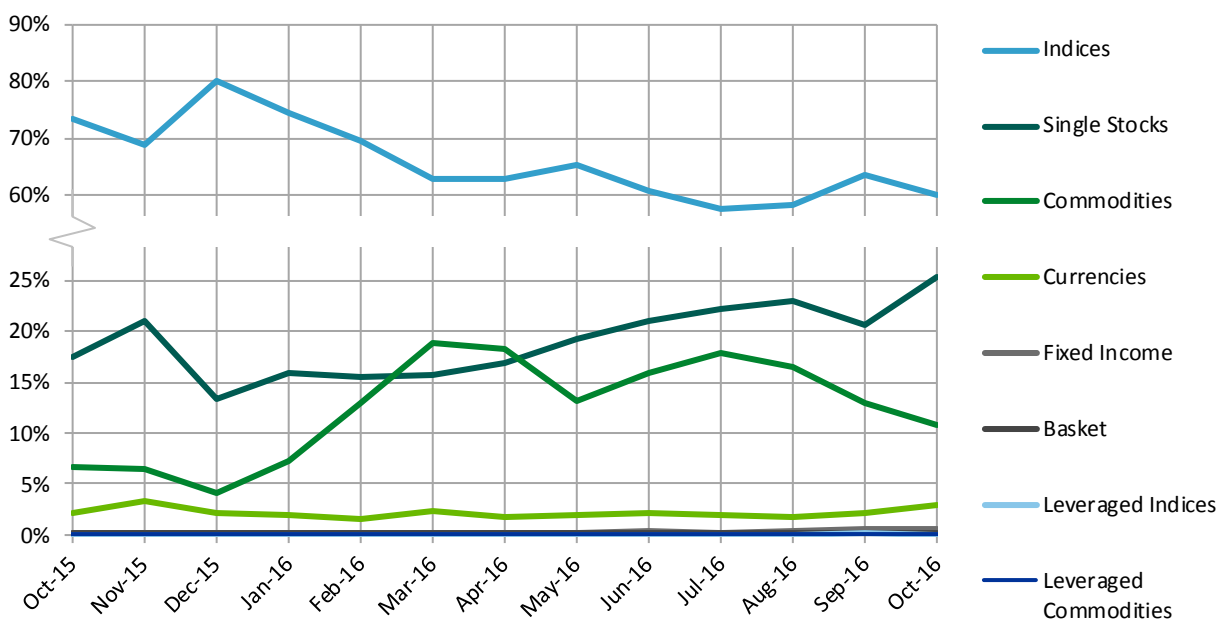
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Amsterdam.



MARKET TREND: UNDERLYING TYPES

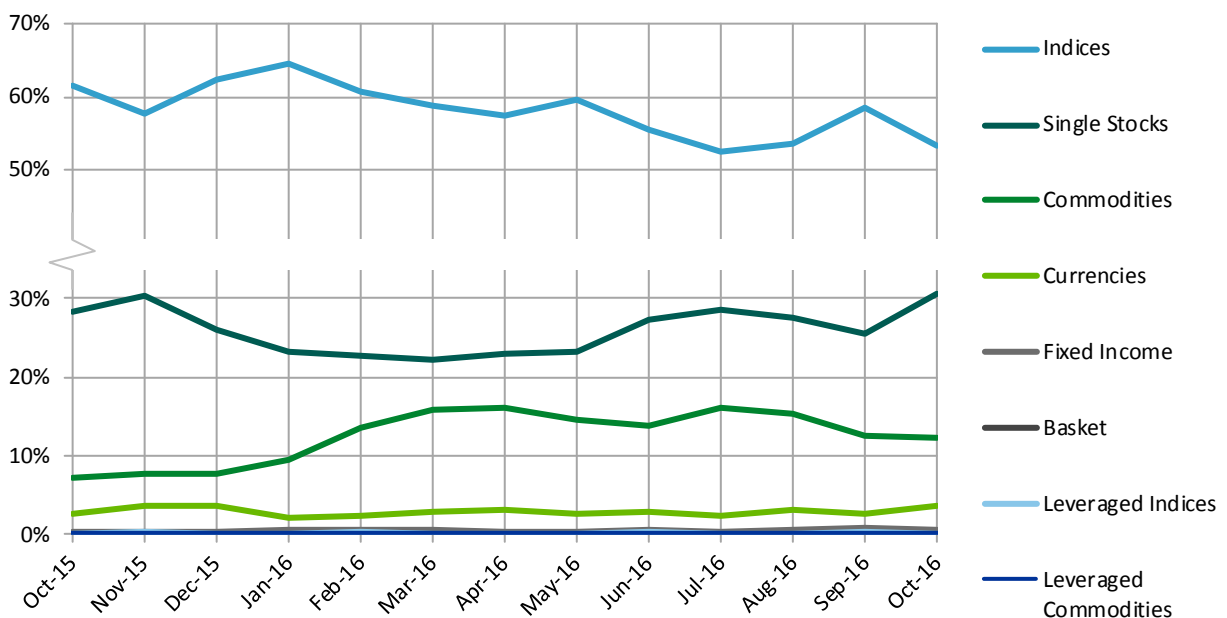
Value traded

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



Number of transactions

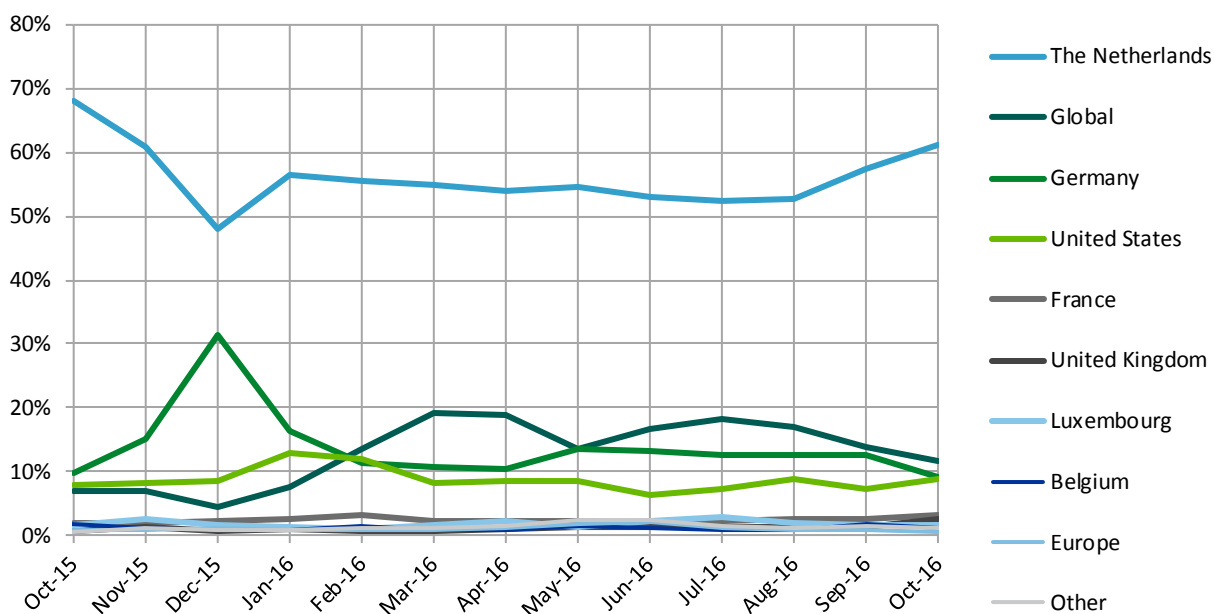
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Amsterdam.



MARKET TREND: UNDERLYING COUNTRIES

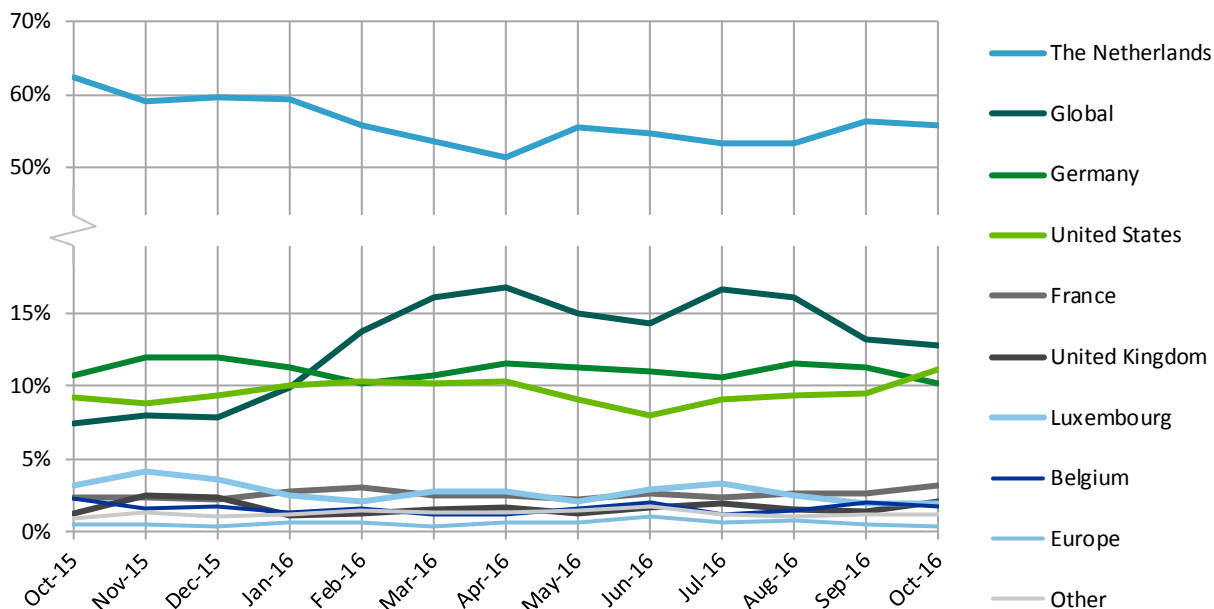
Value traded

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



Number of transactions

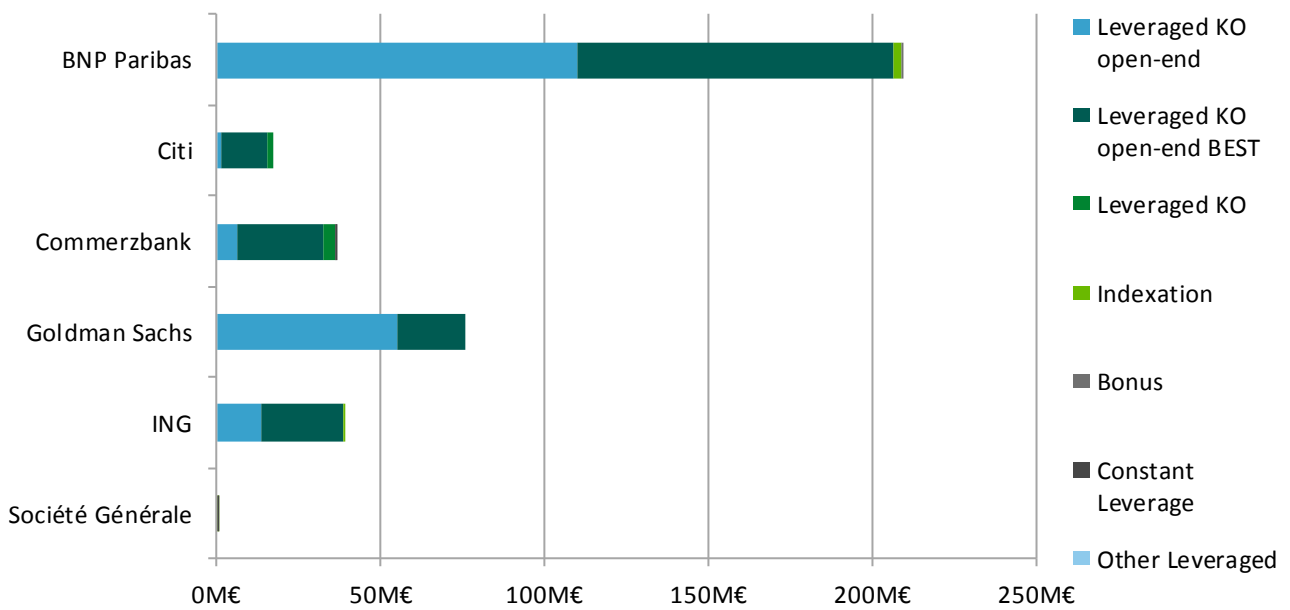
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Amsterdam.



ISSUER ACTIVITY

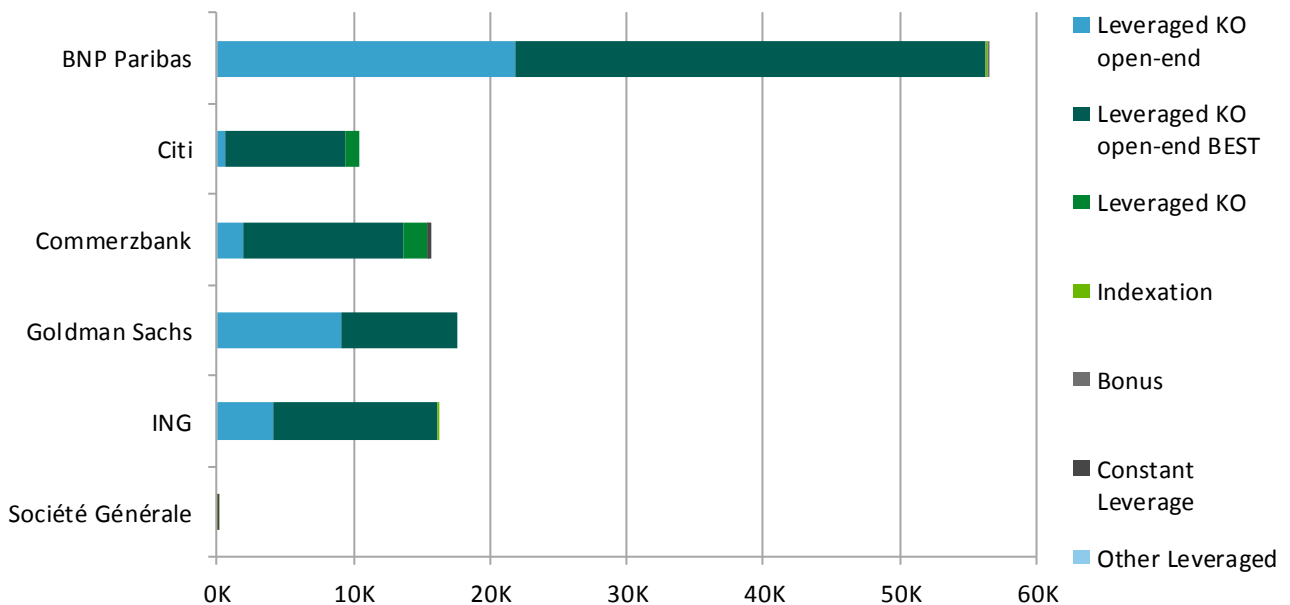
Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active in an Euronext market.



Number of transactions

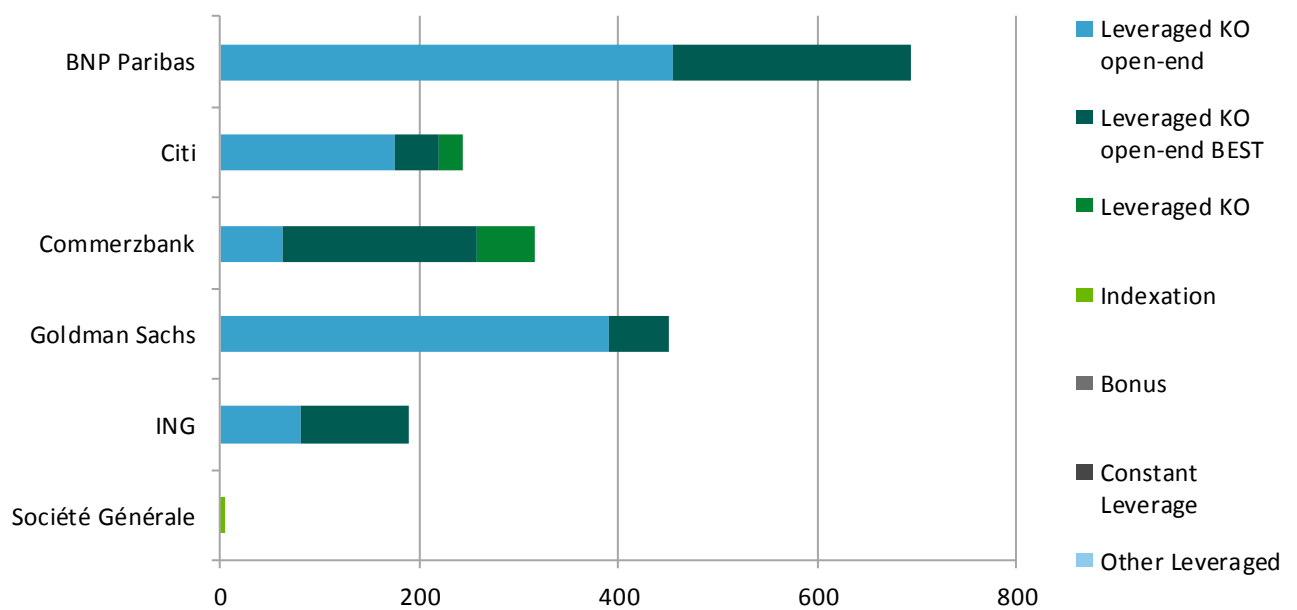
The chart below displays the number of trades per product type for each issuer active in an Euronext market.



ISSUER ACTIVITY: NEW LISTINGS

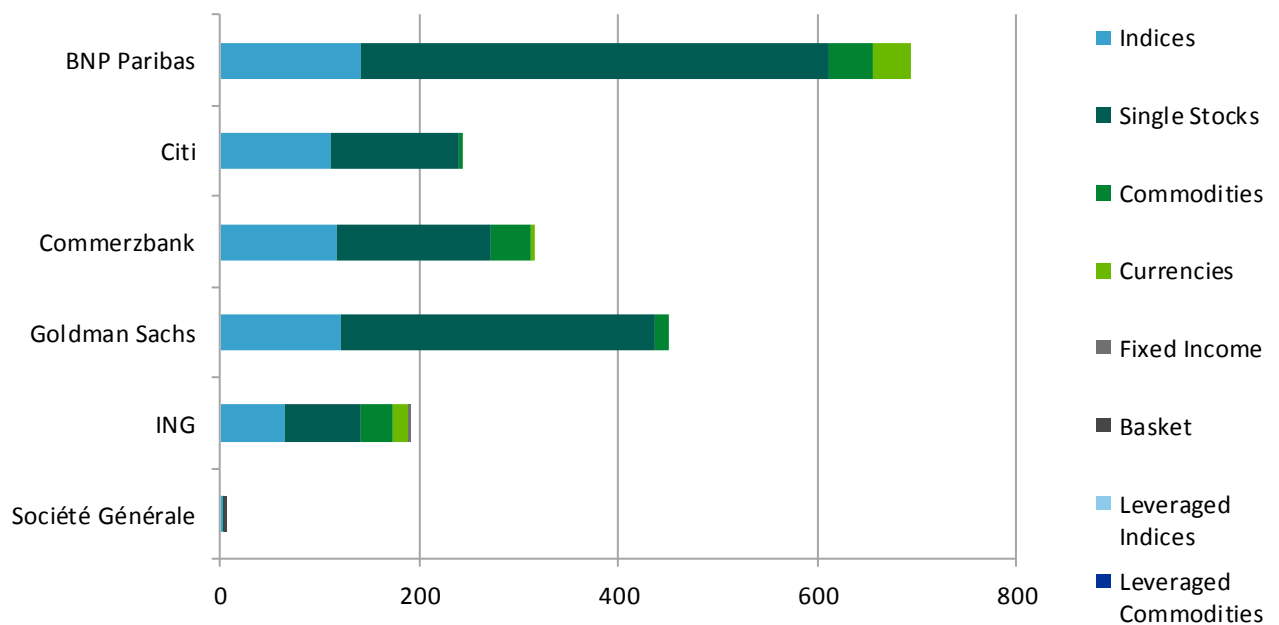
Product types

The chart below displays the number of new product listings during the month per product type for each issuer active in an Euronext market.



Underlying types

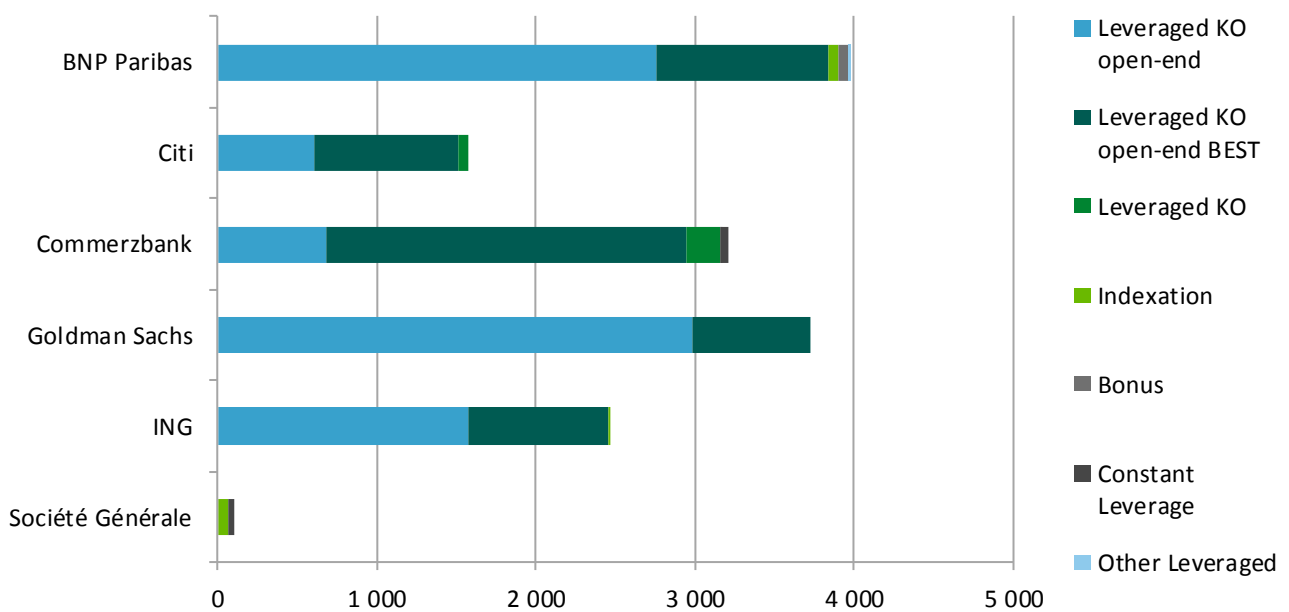
The chart below displays the number of new product listings during the month per underlying type for each issuer active in an Euronext market.



ISSUER ACTIVITY: PRODUCT RANGE

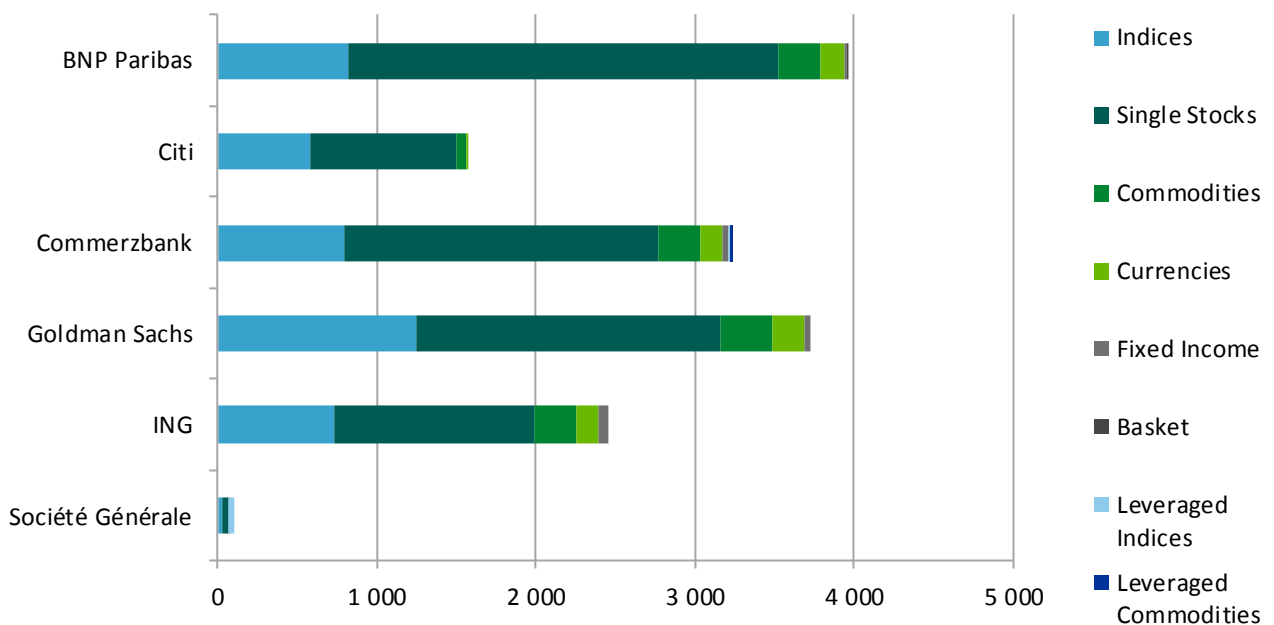
Product types

The chart below displays the number of existing product listings per product type for each issuer active in an Euronext market.



Underlying types

The chart below displays the number of existing product listings per underlying type for each issuer active in an Euronext market.



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.

| Trading symbol | ISIN Code | Product type | Issuer | Name | Number of trades | Value traded (in K€) |
|----------------|--------------|----------------------------|---------------|--------------------|------------------|----------------------|
| DW99B | NL0011267992 | Leveraged KO open-end BEST | BNP Paribas | AEX 501.8BS OPENB | 966 | 5,814 |
| NJ50B | NL0012015820 | Leveraged KO open-end BEST | BNP Paribas | AEX 462.7BS OPENB | 953 | 5,778 |
| NL55B | NL0012017875 | Leveraged KO open-end BEST | BNP Paribas | AEX 441.4BL OPENB | 947 | 4,628 |
| DQ42B | NL0011262423 | Leveraged KO open-end | BNP Paribas | AEX 515TS OPENB | 149 | 4,570 |
| NL13B | NL0012017453 | Leveraged KO open-end BEST | BNP Paribas | AEX 439.4BL OPENB | 383 | 3,389 |
| DW91B | NL0011267919 | Leveraged KO open-end | BNP Paribas | AEX 496TS OPENB | 146 | 3,166 |
| JE83B | NL0011813464 | Leveraged KO open-end | BNP Paribas | GOLD 1221TL OPENB | 364 | 2,649 |
| NO75B | NL0012021075 | Leveraged KO open-end BEST | BNP Paribas | AEX 447.8BL OPENB | 681 | 2,548 |
| A4JNH | NL0011934021 | Leveraged KO open-end | Goldman Sachs | AEX 437.7TL OPENH | 296 | 2,042 |
| NO98B | NL0012021307 | Leveraged KO open-end | BNP Paribas | AEX 460TS OPENB | 388 | 2,027 |
| JE23B | NL0011812862 | Leveraged KO open-end | BNP Paribas | GOLD 1196TL OPENB | 146 | 1,981 |
| NH78B | NL0011921408 | Leveraged KO open-end BEST | BNP Paribas | AEX 479.1BS OPENB | 951 | 1,948 |
| JZ44B | NL0011913066 | Leveraged KO open-end | BNP Paribas | TWTR 15.8TL OPENB | 77 | 1,915 |
| EJ39B | NL0011427695 | Leveraged KO open-end BEST | BNP Paribas | ASMLH69.35BL OPENB | 75 | 1,907 |
| NI75B | NL0011922372 | Leveraged KO open-end | BNP Paribas | AEX 466TS OPENB | 273 | 1,894 |
| JU24B | NL0011907860 | Leveraged KO open-end BEST | BNP Paribas | AEX 435.BL OPENB | 961 | 1,764 |
| 1005H | NL0010720850 | Leveraged KO open-end | Goldman Sachs | AEX 526.5TS OPENH | 67 | 1,744 |
| CX23B | NL0011091368 | Leveraged KO open-end BEST | BNP Paribas | AEX 524.BS OPENB | 861 | 1,728 |
| CM29B | NL0011081526 | Leveraged KO open-end | BNP Paribas | AEX 519TS OPENB | 84 | 1,717 |
| A415H | NL0011927363 | Leveraged KO open-end | Goldman Sachs | AEX 438.1TL OPENH | 256 | 1,711 |
| 76WPZ | DE000CN6FQ94 | Leveraged KO open-end | Commerzbank | AEX 532.8TS OPENZ | 8 | 1,704 |
| JT35B | NL0011906979 | Leveraged KO open-end | BNP Paribas | AEX 436TL OPENB | 176 | 1,615 |
| NL56B | NL0012017883 | Leveraged KO open-end BEST | BNP Paribas | AEX 442.4BL OPENB | 381 | 1,602 |
| NR83B | NL0012024152 | Leveraged KO open-end | BNP Paribas | AEX 448TL OPENB | 264 | 1,596 |
| CX24B | NL0011091376 | Leveraged KO open-end BEST | BNP Paribas | AEX 534BS OPENB | 837 | 1,437 |
| A50KH | NL0011974290 | Leveraged KO open-end BEST | Goldman Sachs | AEX 462.TRSOPENH | 746 | 1,414 |
| 7456H | NL0011589718 | Leveraged KO open-end BEST | Goldman Sachs | AEX 495TRSOPENH | 558 | 1,407 |
| A0NQH | NL0011712252 | Leveraged KO open-end | Goldman Sachs | AEX 506.4TS OPENH | 52 | 1,354 |
| IO67G | NL0011856364 | Leveraged KO open-end BEST | ING | DAX 10312SPLOPENG | 159 | 1,329 |
| 1050H | NL0010721304 | Leveraged KO open-end | Goldman Sachs | AEX 518.6TS OPENH | 147 | 1,283 |
| FW80B | NL0011524921 | Leveraged KO open-end BEST | BNP Paribas | DAX 11092BS OPENB | 745 | 1,281 |
| NJ51B | NL0012015838 | Leveraged KO open-end BEST | BNP Paribas | AEX 464.7BS OPENB | 418 | 1,272 |
| JN08B | NL0011900709 | Leveraged KO open-end | BNP Paribas | ASMLH 82.2TL OPENB | 62 | 1,227 |
| DS47B | NL0011264478 | Leveraged KO open-end | BNP Paribas | AEX 505TS OPENB | 108 | 1,211 |
| 4546H | NL0011239785 | Leveraged KO open-end | Goldman Sachs | AEX 504.7TS OPENH | 149 | 1,209 |
| JU23B | NL0011907852 | Leveraged KO open-end BEST | BNP Paribas | AEX 434.BL OPENB | 94 | 1,187 |
| HR45B | NL0011800081 | Leveraged KO open-end | BNP Paribas | SHELL 21.2TL OPENB | 93 | 1,185 |
| A5LJH | NL0011990155 | Leveraged KO open-end BEST | Goldman Sachs | AEX 448.7TRLOPENH | 309 | 1,181 |
| NL08B | NL0012017404 | Leveraged KO open-end BEST | BNP Paribas | ASMLH90.43BL OPENB | 160 | 1,166 |
| 1894H | NL0011043179 | Leveraged KO open-end | Goldman Sachs | AEX 524.7TS OPENH | 87 | 1,153 |
| NB01B | NL0011914635 | Leveraged KO open-end | BNP Paribas | ING 10.01TL OPENB | 119 | 1,144 |
| 4772H | NL0011242045 | Leveraged KO open-end | Goldman Sachs | AEX 500.2TS OPENH | 148 | 1,139 |
| NK97B | NL0012017297 | Leveraged KO open-end | BNP Paribas | AEX 442TL OPENB | 273 | 1,125 |
| NJ16B | NL0011922786 | Leveraged KO open-end | BNP Paribas | AEX 462TS OPENB | 225 | 1,100 |
| JT33B | NL0011906953 | Leveraged KO open-end | BNP Paribas | AEX 432TL OPENB | 94 | 1,089 |
| 4773H | NL0011242052 | Leveraged KO open-end | Goldman Sachs | AEX 498.2TS OPENH | 123 | 1,058 |
| NK43B | NL0012016752 | Leveraged KO open-end | BNP Paribas | AEX 435TL OPENB | 72 | 1,041 |
| NB25B | NL0011914874 | Leveraged KO open-end | BNP Paribas | ING 9.76TL OPENB | 73 | 1,031 |
| A416H | NL0011927371 | Leveraged KO open-end | Goldman Sachs | AEX 437.1TL OPENH | 172 | 1,014 |
| A417H | NL0011927389 | Leveraged KO open-end | Goldman Sachs | AEX 436.1TL OPENH | 191 | 995 |

(Source: Euronext)



Euronext Brussels

MARKET OVERVIEW

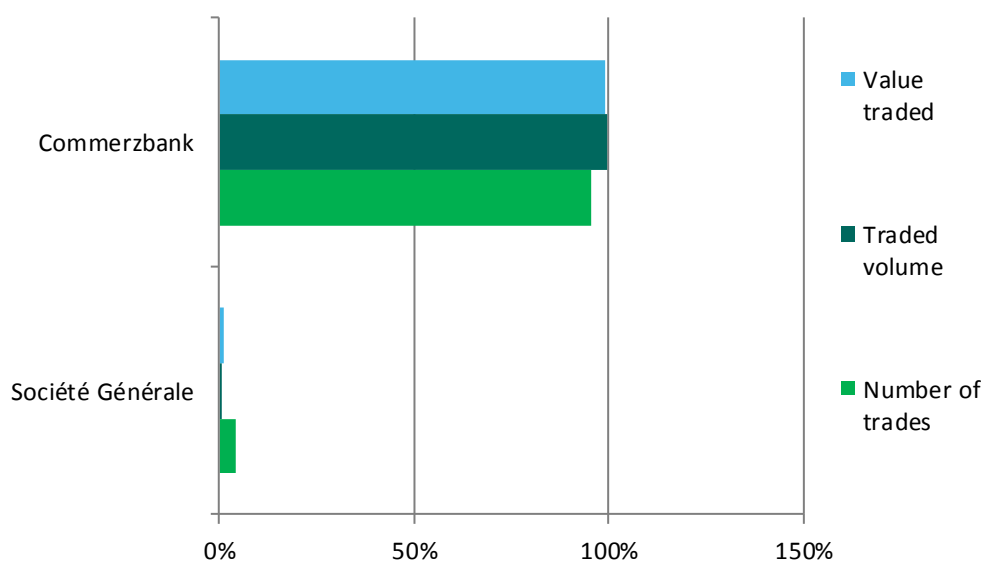
Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Issuer | Value traded | | | | Traded volume | | | | Number of trades | | | |
|------------------|-----------------------|----------------|-------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Commerzbank | 202.5 | -4.9% | -27% | 99.0% | 127.5 | -34% | -42% | 99.4% | 102 | -28% | -20% | 95.7% |
| Société Générale | 2.0 | -29% | -24% | 1.0% | 0.7 | -23% | -2.7% | 0.6% | 5 | -13% | 53% | 4.3% |
| Total | 204.5 | -5.2% | -27% | | 128.2 | -34% | -42% | | 106 | -27% | -18% | |

(Source: Euronext)



MARKET OVERVIEW

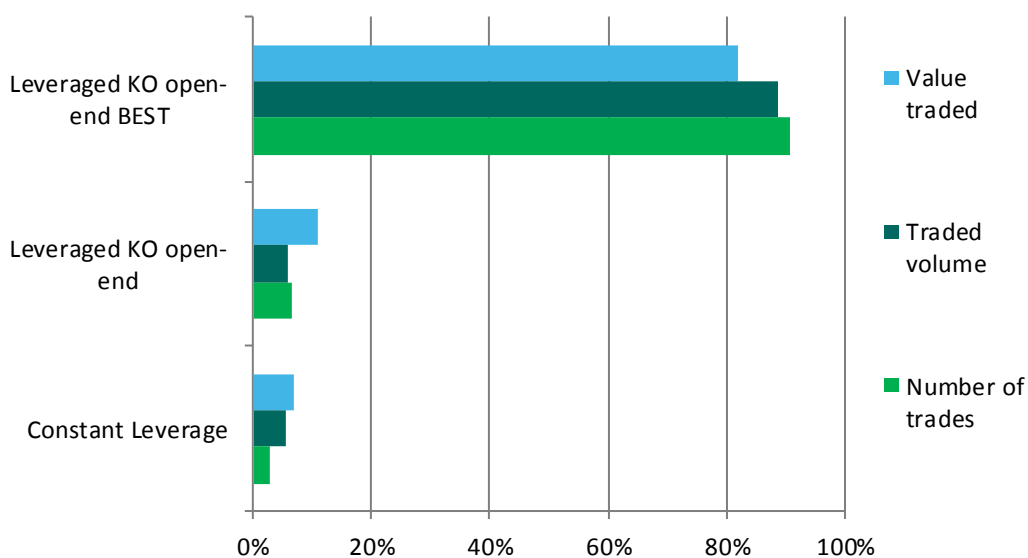
Product types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Product type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|----------------------------|-----------------------|----------------|-------------|--------------|-----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Leveraged KO open-end BEST | 167.5 | -12% | -31% | 81.9% | 113.7 | -37% | -35% | 88.7% | 97 | -27% | -17% | 90.8% |
| Leveraged KO open-end | 22.5 | 37% | -4.7% | 11.0% | 7.6 | -15% | -52% | 5.9% | 7 | -32% | -27% | 6.4% |
| Constant Leverage | 14.4 | 58% | 11% | 7.1% | 6.9 | 73% | -79% | 5.4% | 3 | -27% | -26% | 2.8% |
| Total | 204.5 | -5.2% | -27% | | 128.2 | -34% | -42% | | 106 | -27% | -18% | |

(Source: Euronext)



MARKET OVERVIEW

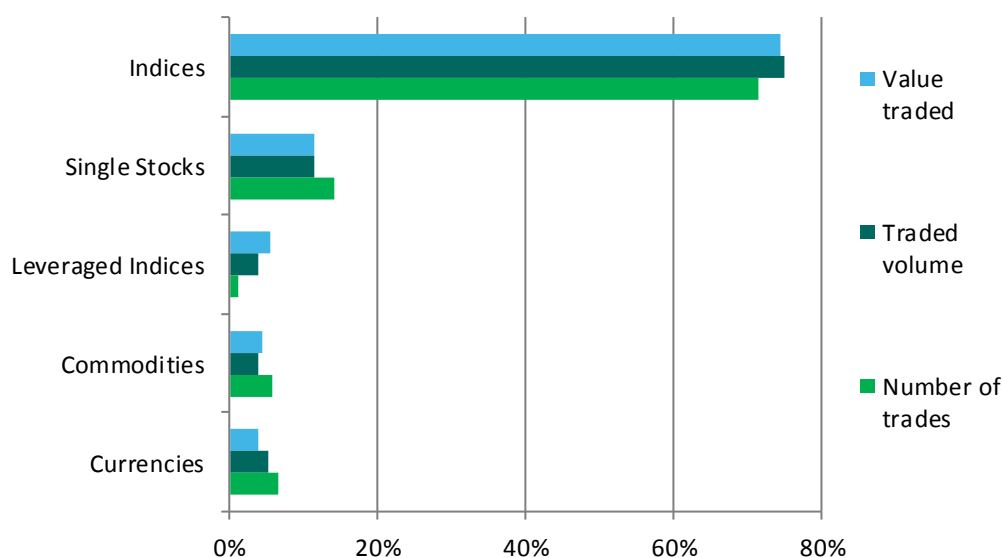
Underlying types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per underlying type, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-------------------|-----------------------|----------------|-------------|--------------|-----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Indices | 152.4 | -0.3% | -15% | 74.5% | 96.3 | -32% | -24% | 75.1% | 76 | -29% | -12% | 71.6% |
| Single Stocks | 23.5 | -26% | -58% | 11.5% | 14.9 | -45% | -70% | 11.6% | 15 | -31% | -37% | 14.2% |
| Leveraged Indices | 11.3 | 71% | 190% | 5.5% | 4.9 | 92% | 38% | 3.9% | 1 | -47% | 38% | 1.2% |
| Commodities | 9.0 | -18% | -57% | 4.4% | 5.1 | 32% | -84% | 4.0% | 6 | -29% | -29% | 5.9% |
| Currencies | 8.0 | -37% | -59% | 3.9% | 6.9 | -62% | -36% | 5.4% | 7 | 35% | -24% | 6.7% |
| Total | 204.5 | -5.2% | -27% | | 128.2 | -34% | -42% | | 106 | -27% | -18% | |

(Source: Euronext)



MARKET OVERVIEW

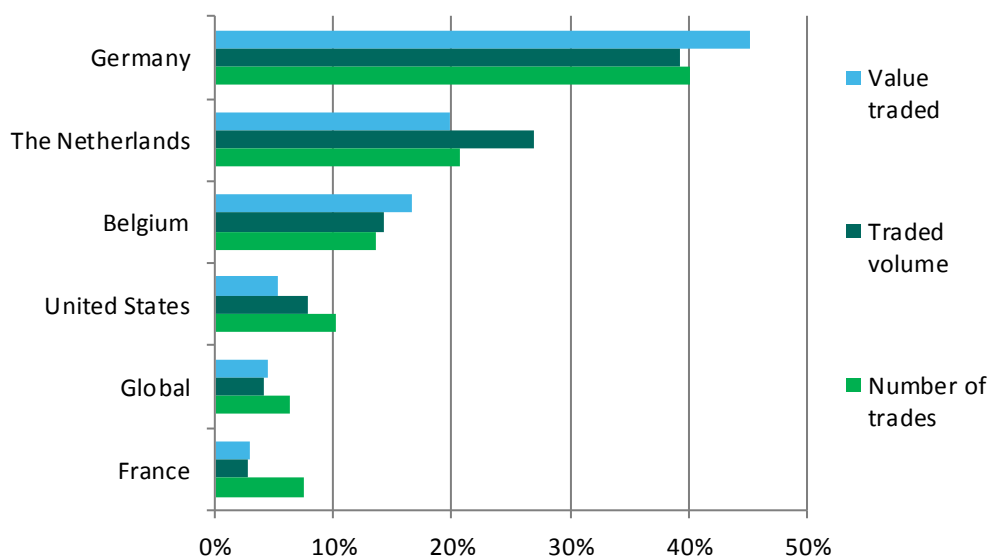
Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels per country of origin of the underlying, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying country | Value traded | | | | Traded volume | | | | Number of trades | | | |
|--------------------|-----------------------|----------------|-------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Germany | 92.3 | 36% | 0.1% | 45.1% | 50.3 | 43% | 36% | 39.2% | 43 | 1.6% | 27% | 40.2% |
| The Netherlands | 40.5 | -43% | -45% | 19.8% | 34.6 | -63% | -56% | 27.0% | 22 | -61% | -48% | 20.6% |
| Belgium | 34.0 | 8.1% | -28% | 16.6% | 18.4 | -19% | -49% | 14.3% | 14 | -15% | -30% | 13.5% |
| United States | 10.8 | -39% | -54% | 5.3% | 10.1 | -59% | -44% | 7.9% | 11 | 13% | -13% | 10.2% |
| Global | 9.3 | -22% | -57% | 4.5% | 5.2 | 11% | -83% | 4.1% | 7 | -30% | -27% | 6.3% |
| France | 5.9 | -33% | -57% | 2.9% | 3.6 | 13% | -56% | 2.8% | 8 | 20% | 24% | 7.6% |
| Other | 11.7 | 71% | 24% | 5.7% | 6.0 | -30% | -51% | 4.7% | 2 | -68% | -66% | 1.7% |
| Total | 204.5 | -5.2% | -27% | | 128.2 | -34% | -42% | | 106 | -27% | -18% | |

(Source: Euronext)



MARKET OVERVIEW

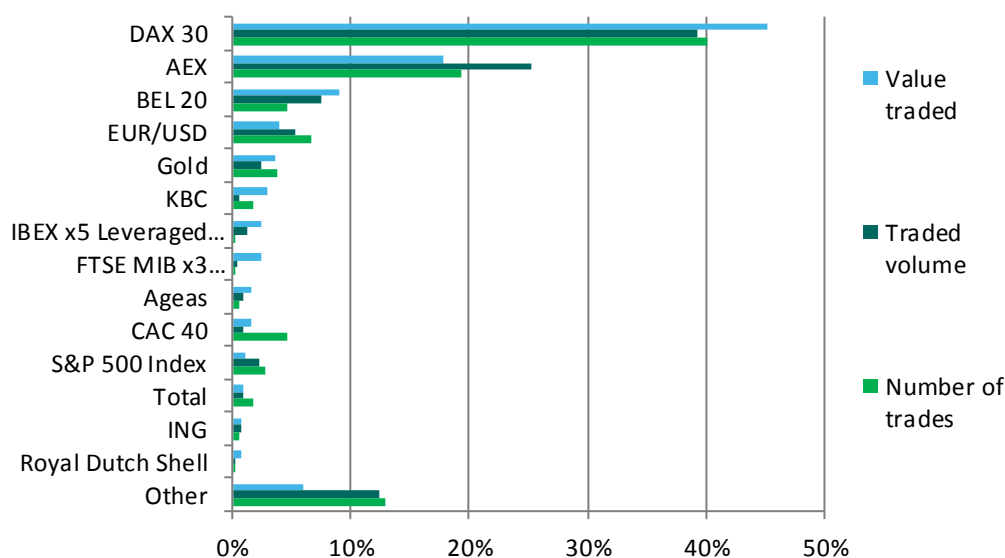
Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Brussels for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Brussels.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

| Underlying | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------------|-----------------------|----------------|-------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| DAX 30 | 92.3 | 36% | 0.1% | 45.1% | 50.3 | 43% | 36% | 39.2% | 43 | 1.6% | 27% | 40.2% |
| AEX | 36.3 | -46% | -46% | 17.8% | 32.3 | -64% | -55% | 25.2% | 21 | -61% | -48% | 19.3% |
| BEL 20 | 18.4 | 51% | 44% | 9.0% | 9.7 | -8.3% | -6.4% | 7.6% | 5 | -19% | -33% | 4.7% |
| EUR/USD | 8.0 | -37% | -59% | 3.9% | 6.9 | -62% | -36% | 5.4% | 7 | 35% | -24% | 6.7% |
| Gold | 7.4 | 86% | -44% | 3.6% | 3.1 | 242% | -24% | 2.4% | 4 | 16% | -14% | 3.7% |
| KBC | 6.0 | 51% | -48% | 2.9% | 0.7 | -51% | -83% | 0.5% | 2 | -50% | -48% | 1.8% |
| IBEX x5 Leveraged Index | 5.2 | 65% | 266% | 2.5% | 1.5 | 68% | 233% | 1.2% | 0 | 4.8% | 36% | 0.1% |
| FTSE MIB x3 Leveraged Index | 5.1 | | 919% | 2.5% | 0.5 | | 919% | 0.4% | 0 | | 919% | 0.1% |
| Ageas | 3.3 | 19% | -13% | 1.6% | 1.2 | -8.7% | -35% | 0.9% | 1 | -48% | -52% | 0.5% |
| CAC 40 | 3.1 | -28% | -7.5% | 1.5% | 1.1 | -20% | 10% | 0.8% | 5 | 13% | 59% | 4.7% |
| S&P 500 Index | 2.3 | 39% | -32% | 1.1% | 2.8 | -38% | -59% | 2.2% | 3 | 41% | 19% | 2.8% |
| Total | 1.9 | -49% | -34% | 0.9% | 1.2 | 2.8% | 40% | 0.9% | 2 | 7.4% | 17% | 1.8% |
| ING | 1.5 | -36% | -27% | 0.7% | 1.0 | -69% | -60% | 0.8% | 1 | -67% | -47% | 0.6% |
| Royal Dutch Shell | 1.4 | 129% | -12% | 0.7% | 0.2 | 70% | -1.6% | 0.1% | 0 | 110% | -26% | 0.2% |
| Other | 12.4 | -58% | -73% | 6.0% | 15.8 | -38% | -78% | 12.3% | 14 | -36% | -36% | 12.9% |
| Total | 204.5 | -5.2% | -27% | | 128.2 | -34% | -42% | | 106 | -27% | -18% | |

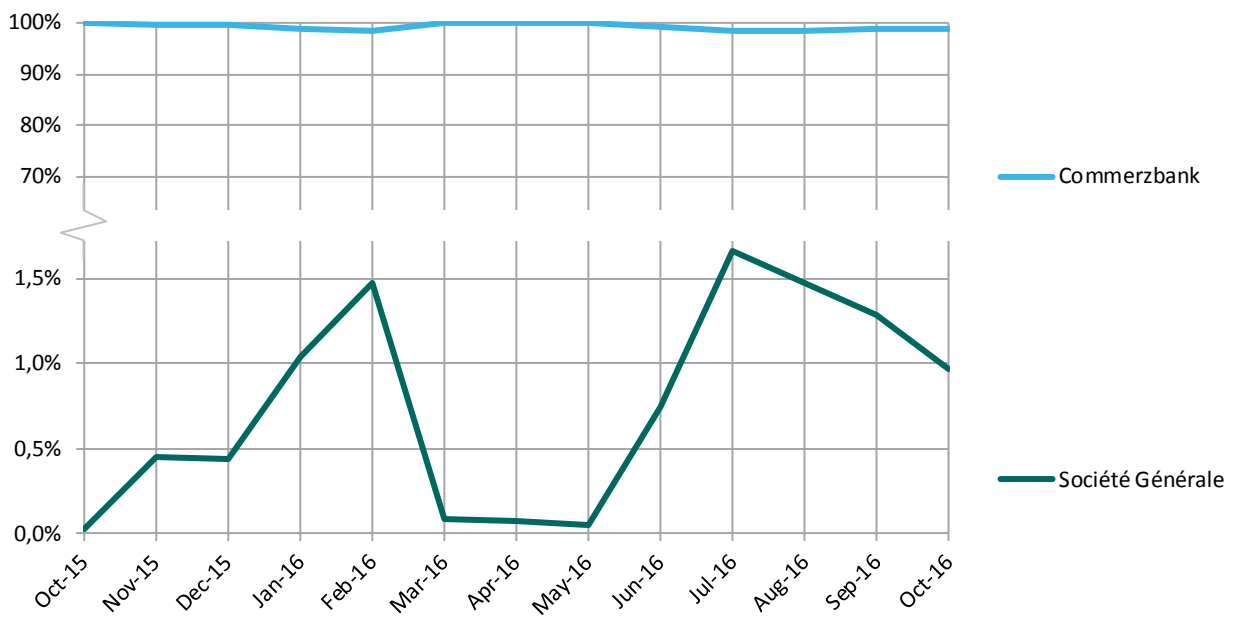
(Source: Euronext)



MARKET TREND: ISSUERS

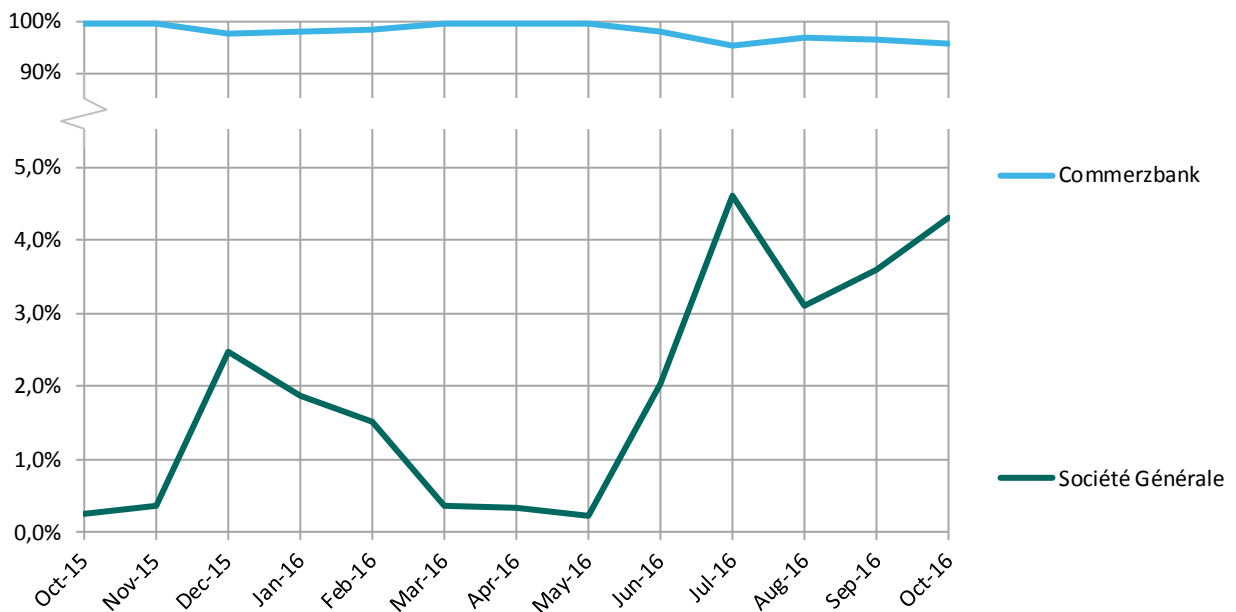
Value traded

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



Number of transactions

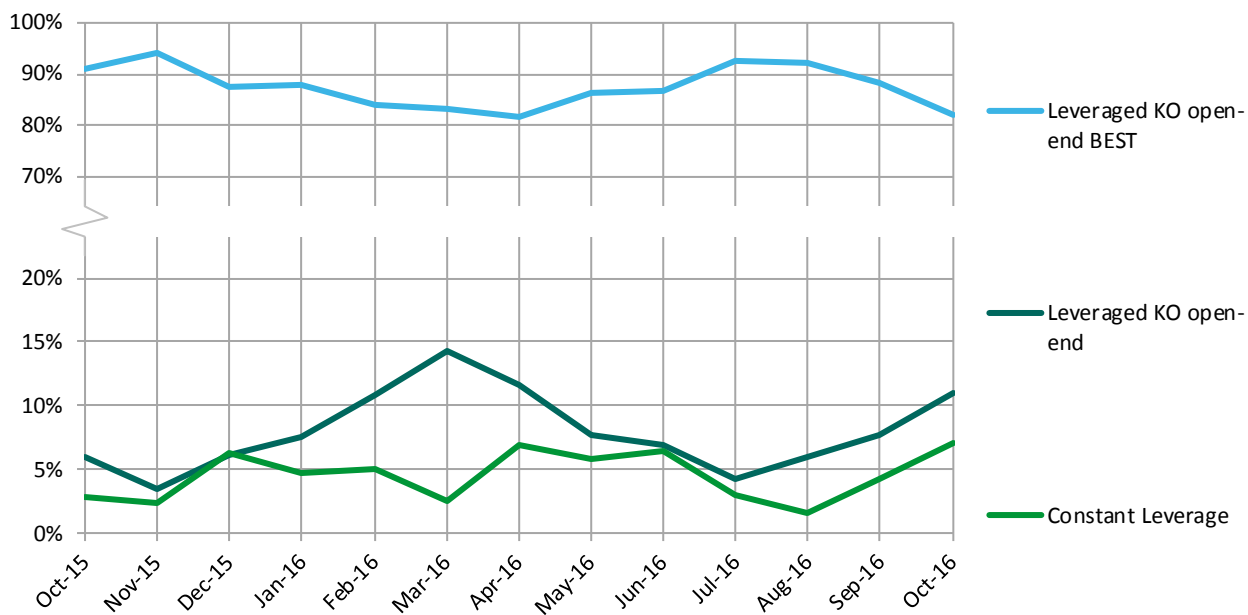
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Brussels.



MARKET TREND: PRODUCT TYPES

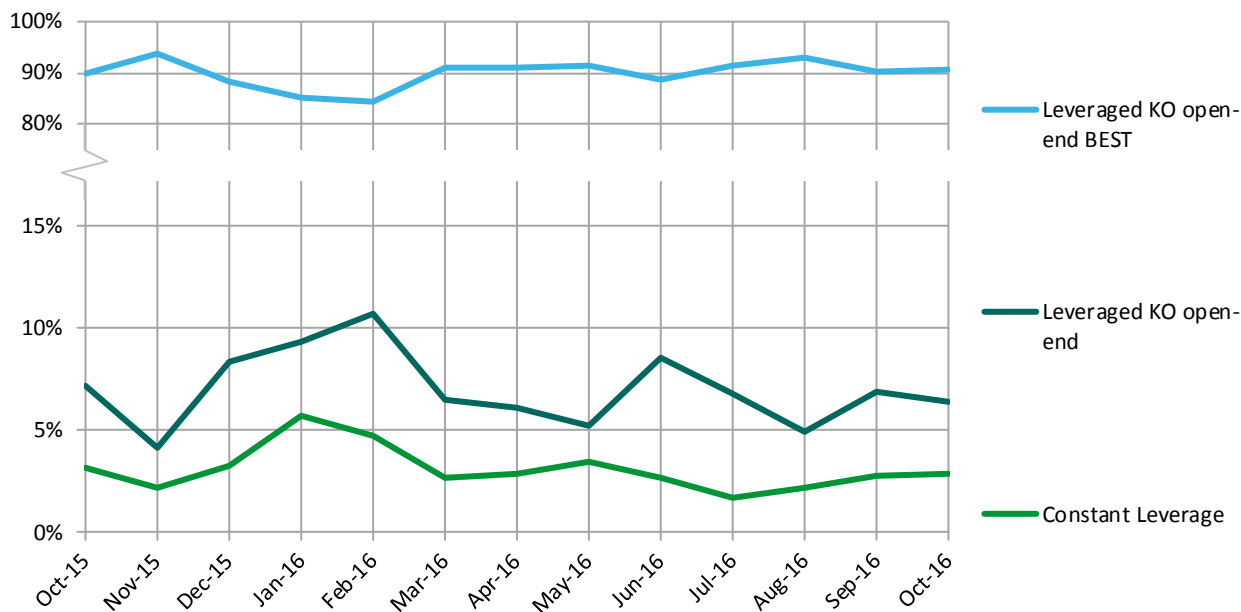
Value traded

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



Number of transactions

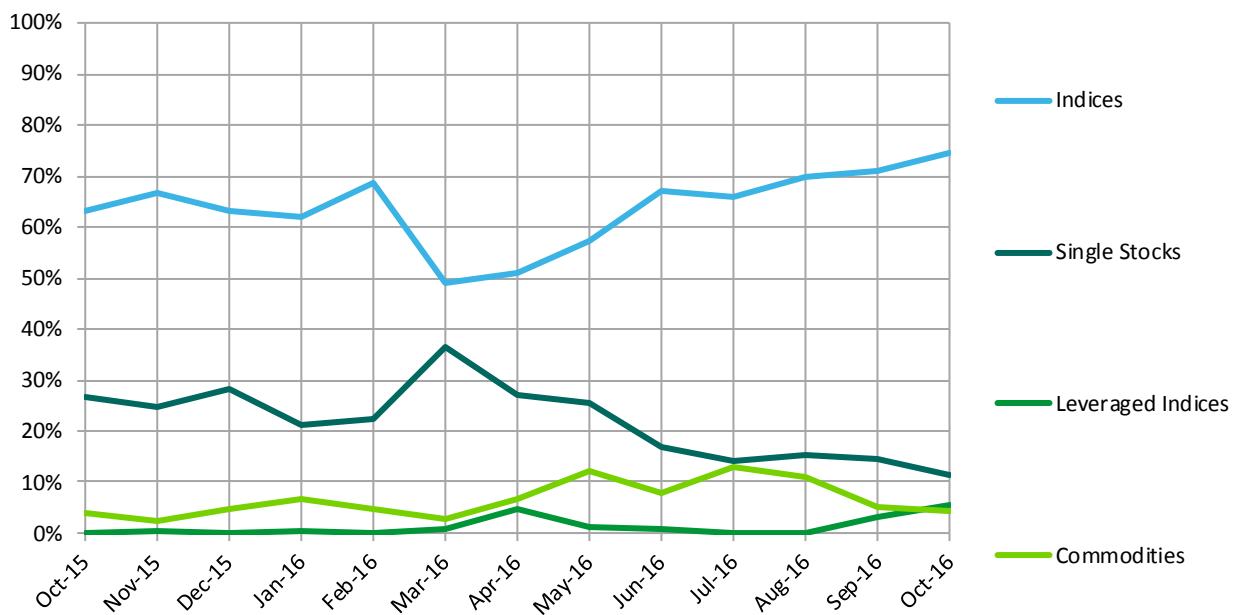
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Brussels.



MARKET TREND: UNDERLYING TYPES

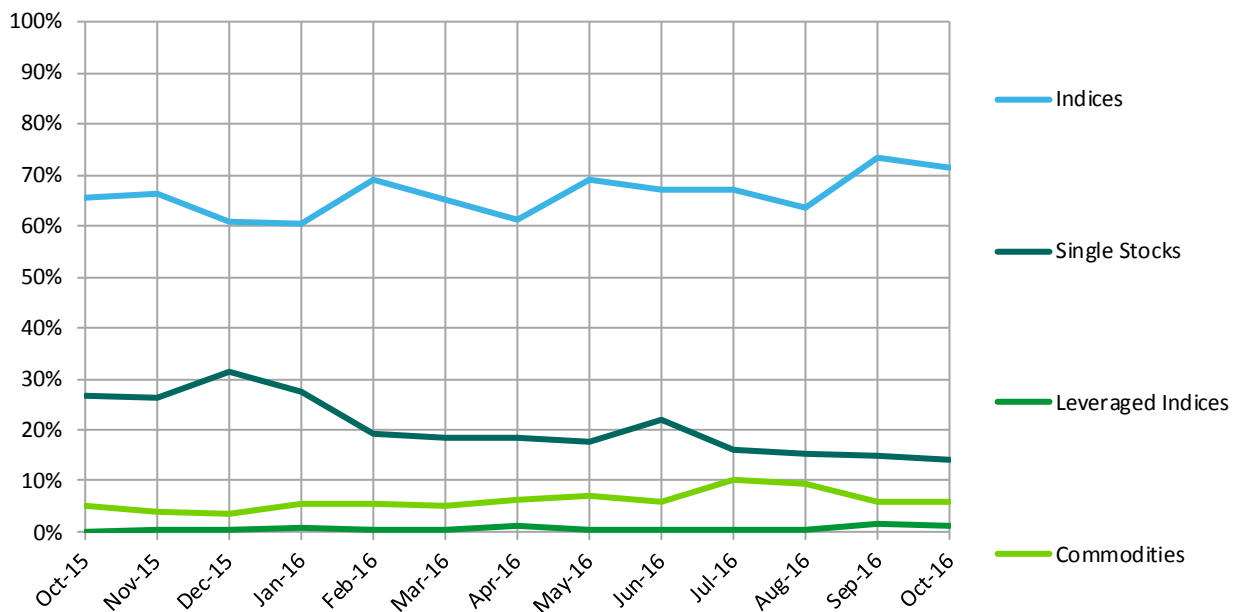
Value traded

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



Number of transactions

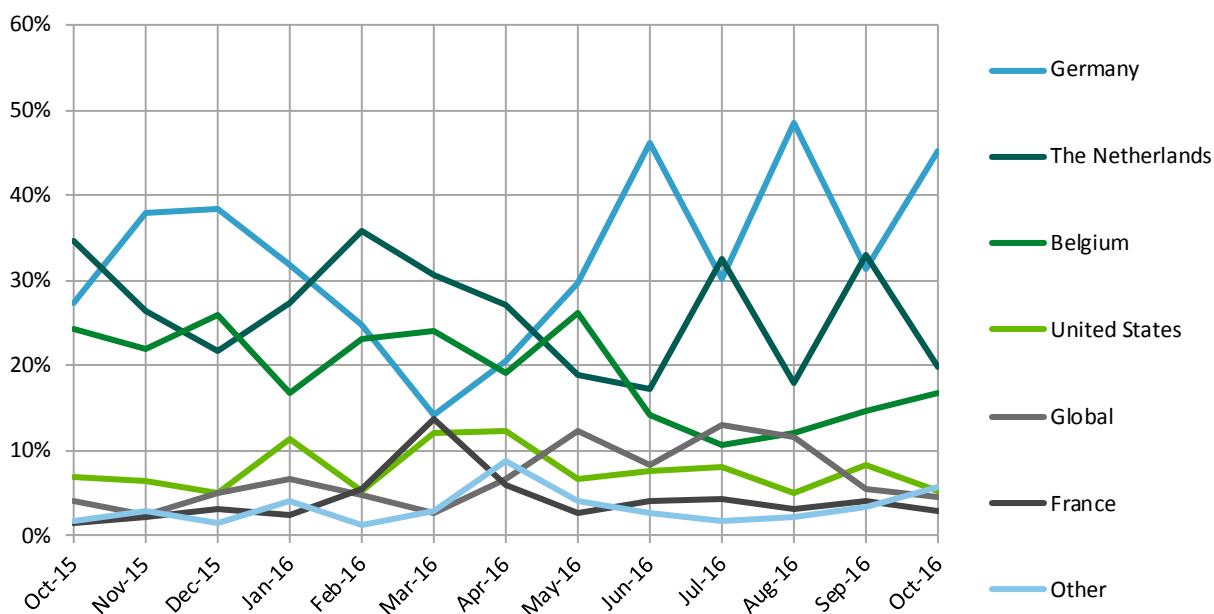
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Brussels.



MARKET TREND: UNDERLYING COUNTRIES

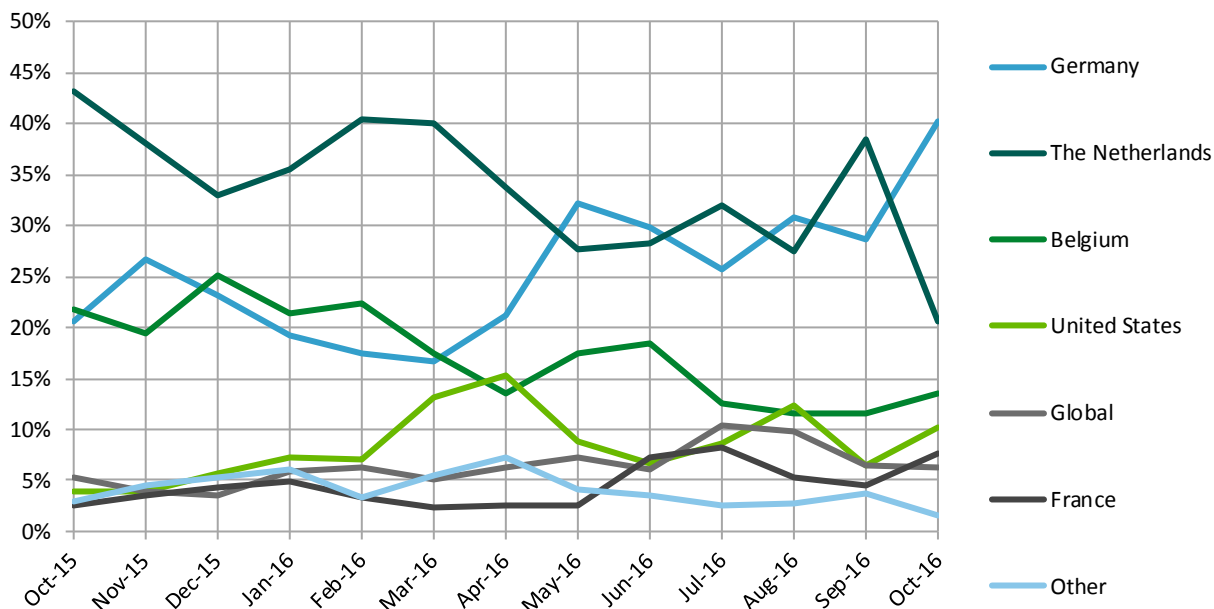
Value traded

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



Number of transactions

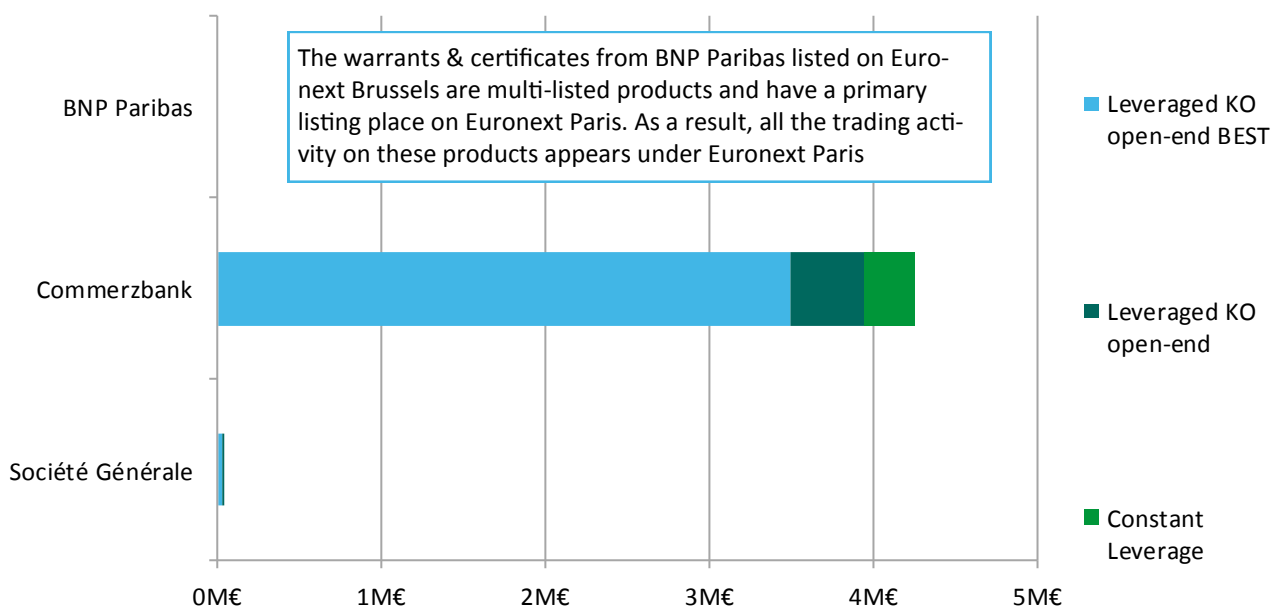
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Brussels.



ISSUER ACTIVITY

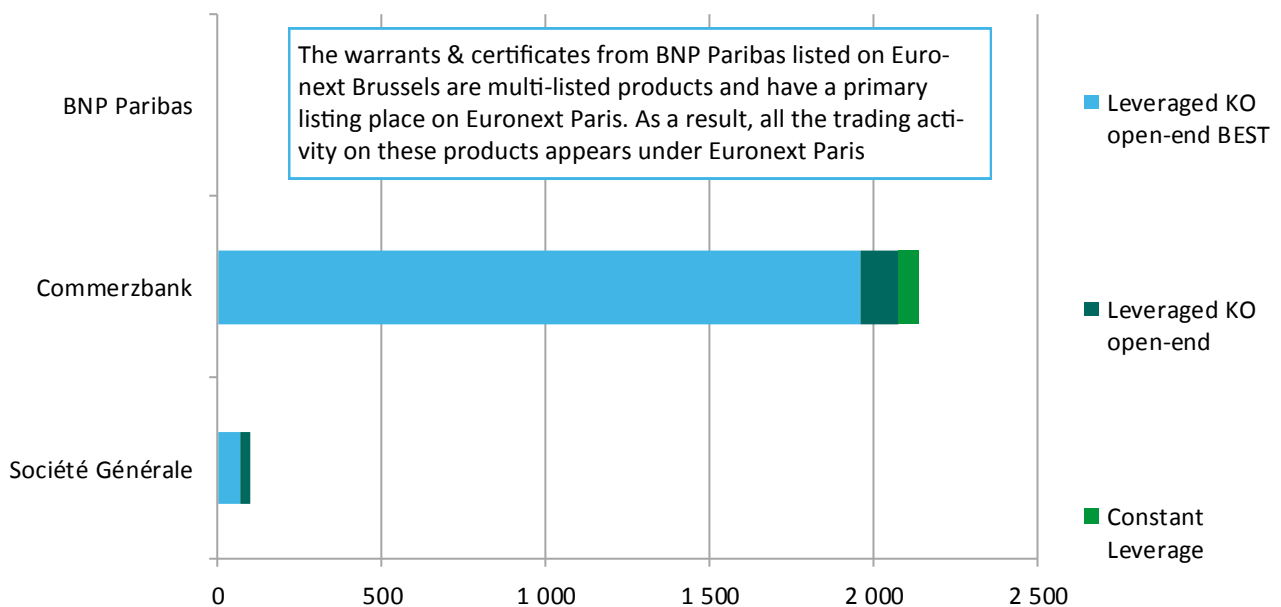
Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Brussels.



Number of transactions

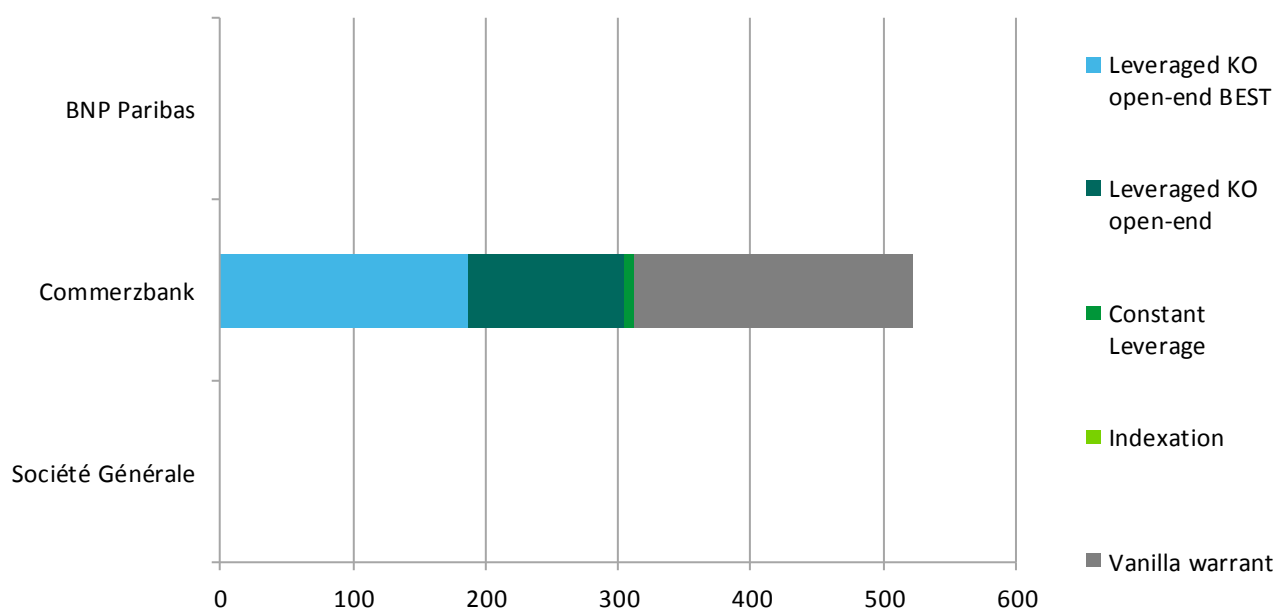
The chart below displays the number of trades per product type for each issuer active on Euronext Brussels.



ISSUER ACTIVITY: NEW LISTINGS

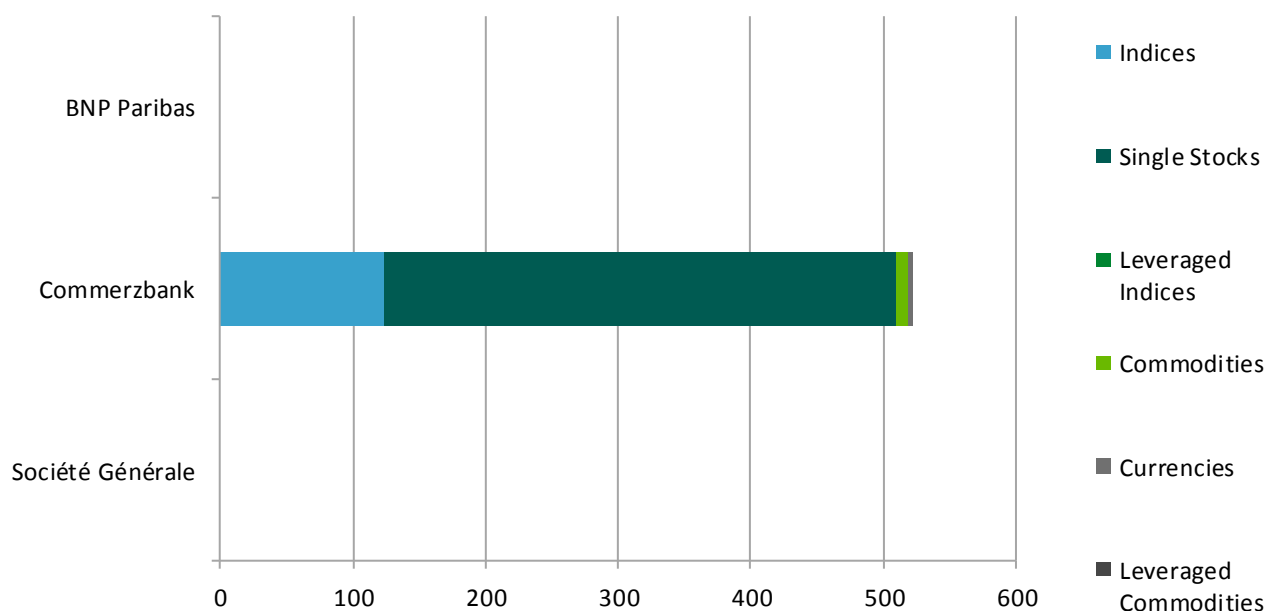
Product types

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Brussels.



Underlying types

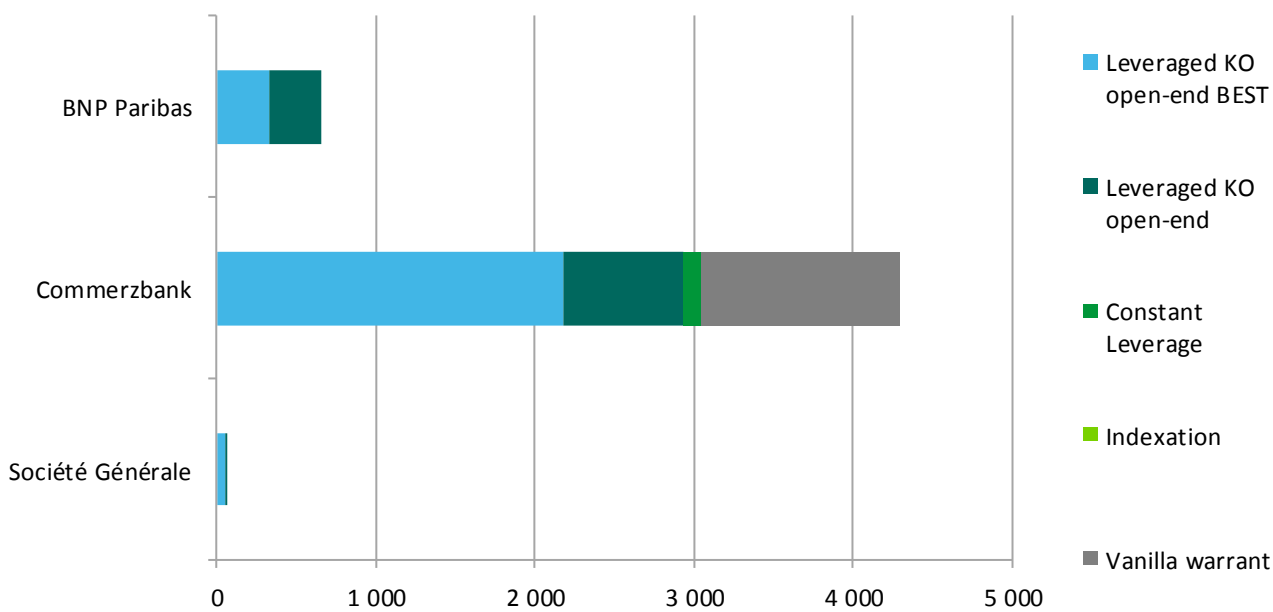
The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Brussels.



ISSUER ACTIVITY: PRODUCT RANGE

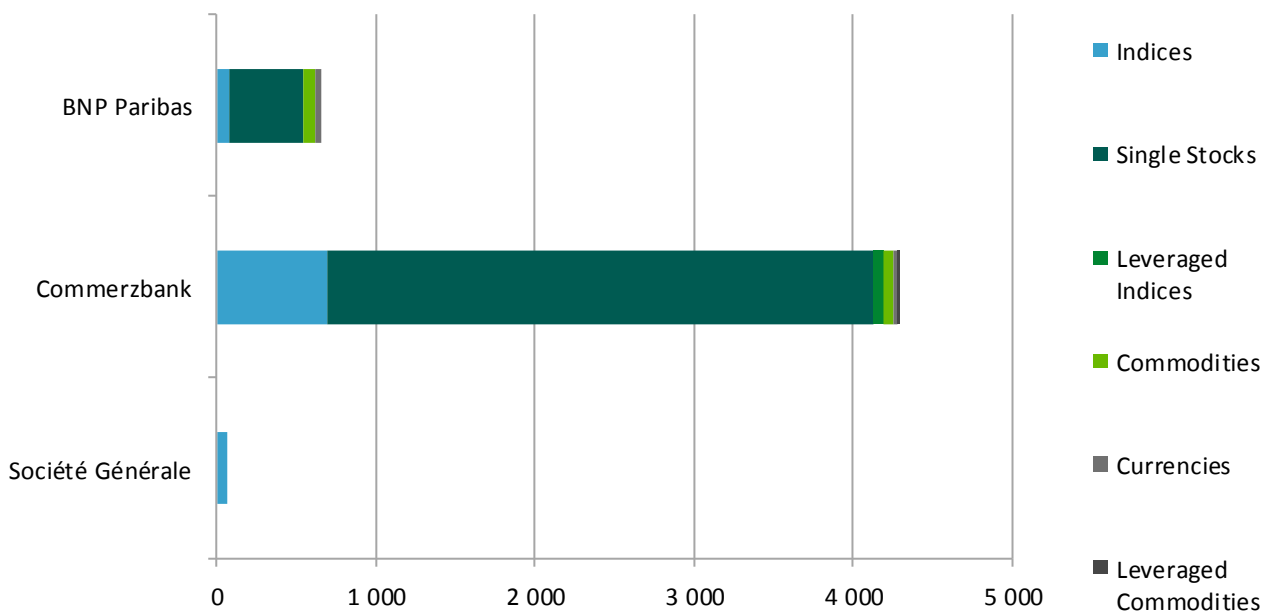
Product types

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Brussels.



Underlying types

The chart below displays the number of existing product listings per underlying type for each issuer active on YSE 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.

| Trading symbol | ISIN Code | Product type | Issuer | Name | Number of trades | Value traded (in K€) |
|----------------|--------------|----------------------------|-------------|--------------------|------------------|----------------------|
| 17BUZ | DE000CN1W8R3 | Leveraged KO open-end BEST | Commerzbank | DAX 11222TS OPENZ | 159 | 385 |
| 32YIZ | DE000CN90GW6 | Leveraged KO open-end BEST | Commerzbank | DAX 10684TS OPENZ | 191 | 315 |
| 14V7Z | DE000CR0K9X5 | Leveraged KO open-end BEST | Commerzbank | BEL20 4231TS OPENZ | 30 | 217 |
| 69YGZ | DE000CN90EN0 | Leveraged KO open-end | Commerzbank | AEX 545TS OPENZ | 6 | 215 |
| 26DGZ | DE000CN90DX1 | Leveraged KO open-end BEST | Commerzbank | DAX 10830TS OPENZ | 131 | 208 |
| 47DJZ | DE000CN90J03 | Leveraged KO open-end BEST | Commerzbank | DAX 10384TL OPENZ | 82 | 176 |
| 84DIZ | DE000CN90G63 | Leveraged KO open-end BEST | Commerzbank | AEX 440.7TL OPENZ | 140 | 162 |
| 22KTZ | DE000CN1V3P9 | Leveraged KO open-end BEST | Commerzbank | DAX 11765TS OPENZ | 9 | 152 |
| 62DLZ | DE000CN90KE6 | Leveraged KO open-end BEST | Commerzbank | DAX 10496TL OPENZ | 43 | 109 |
| 44T1Z | DE000CM8MJA0 | Constant Leverage | Commerzbank | IBEL5 PI OPENZ | 2 | 108 |
| 46T1Z | DE000CM8MJC6 | Constant Leverage | Commerzbank | MIBL3 PI OPENZ | 2 | 106 |
| 52AFZ | DE000CR0KTR9 | Leveraged KO open-end BEST | Commerzbank | DAX 12170TS OPENZ | 46 | 104 |
| 62MWZ | DE000CN903Q3 | Leveraged KO open-end BEST | Commerzbank | GOLD 1223TL OPENZ | 50 | 97 |
| 18XLZ | DE000CN8ZQQ2 | Leveraged KO open-end BEST | Commerzbank | AEX 411.6TL OPENZ | 5 | 77 |
| 74DBZ | DE000CN909C0 | Leveraged KO open-end BEST | Commerzbank | KBC 30.4TL OPENZ | 3 | 69 |
| 37DJZ | DE000CN90HZ7 | Leveraged KO open-end BEST | Commerzbank | DAX 10284TL OPENZ | 21 | 63 |
| 91YIZ | DE000CN90GT2 | Leveraged KO open-end BEST | Commerzbank | AEX 457.4TS OPENZ | 22 | 61 |
| 44DLZ | DE000CN90KG1 | Leveraged KO open-end | Commerzbank | DAX 10658TL OPENZ | 8 | 61 |
| 41BVZ | DE000CN1WA39 | Leveraged KO open-end BEST | Commerzbank | EUUSD 1.05TL OPENZ | 36 | 60 |
| 73BUZ | DE000CN1W8H4 | Leveraged KO open-end BEST | Commerzbank | DAX 11322TS OPENZ | 16 | 59 |
| 95DLZ | DE000CN90KJ5 | Leveraged KO open-end BEST | Commerzbank | DAX 10599TL OPENZ | 27 | 55 |
| 98YJZ | DE000CN90K75 | Leveraged KO open-end BEST | Commerzbank | AEX 444.8TL OPENZ | 13 | 50 |
| 39KVZ | DE000CN1V8E2 | Leveraged KO open-end BEST | Commerzbank | DAX 11649TS OPENZ | 8 | 49 |
| 87NJZ | DE000CN90JU4 | Leveraged KO open-end BEST | Commerzbank | DAX 10665TS OPENZ | 52 | 48 |
| 51BVZ | DE000CN1WA47 | Leveraged KO open-end BEST | Commerzbank | EUUSD 1.06TL OPENZ | 33 | 47 |
| 54DJZ | DE000CN90HV6 | Leveraged KO open-end BEST | Commerzbank | AEX 447.2TL OPENZ | 78 | 45 |
| 67NGZ | DE000CN90E73 | Leveraged KO open-end BEST | Commerzbank | AGEAS30.03TL OPENZ | 5 | 40 |
| 71ACZ | DE000CR0KN14 | Leveraged KO open-end BEST | Commerzbank | TOTAL 52TS OPENZ | 39 | 38 |
| 36E5Z | DE000CM8MZV2 | Leveraged KO open-end BEST | Commerzbank | BEL20 2700TL OPENZ | 4 | 36 |
| RD5CZ | DE000CB74SK5 | Constant Leverage | Commerzbank | SHELL ACCOPENZ | 4 | 30 |
| 99CUZ | DE000CN900X5 | Leveraged KO open-end BEST | Commerzbank | EUUSD 1.15TS OPENZ | 15 | 28 |
| 82YJZ | DE000CN90JW0 | Leveraged KO open-end | Commerzbank | BEL20 3490TL OPENZ | 2 | 28 |
| 78NFZ | DE000CN90DE1 | Leveraged KO open-end | Commerzbank | DAX 10915TS OPENZ | 13 | 27 |
| 92XNZ | DE000CN8ZRP2 | Leveraged KO open-end BEST | Commerzbank | SP500 1939TL OPENZ | 16 | 27 |
| 66YDZ | DE000CN90B92 | Leveraged KO open-end BEST | Commerzbank | SOLVA 82.7TL OPENZ | 4 | 25 |
| 28DFZ | DE000CN90D17 | Leveraged KO open-end BEST | Commerzbank | DAX 10135TL OPENZ | 23 | 25 |
| 51DAZ | DE000CN90866 | Leveraged KO open-end BEST | Commerzbank | GOLD 1265TL OPENZ | 17 | 24 |
| 75YJZ | DE000CN90K26 | Leveraged KO open-end BEST | Commerzbank | DAX 10395TL OPENZ | 9 | 23 |
| 24DJZ | DE000CN90HS2 | Leveraged KO open-end BEST | Commerzbank | AGEAS31.43TL OPENZ | 4 | 21 |
| 13XZZ | DE000CN907R2 | Leveraged KO open-end | Commerzbank | CAC40 3996TL OPENZ | 12 | 20 |
| 95NJZ | DE000CN90JL3 | Leveraged KO open-end BEST | Commerzbank | AEX 459.6TS OPENZ | 24 | 20 |
| 73YDZ | DE000CN90B19 | Leveraged KO open-end BEST | Commerzbank | KBC 42.81TL OPENZ | 8 | 19 |
| 84L8Z | DE000CR0JXQ5 | Leveraged KO open-end BEST | Commerzbank | ACKBV89.96TL OPENZ | 5 | 19 |
| 21S8Z | DE000CR0K668 | Leveraged KO open-end BEST | Commerzbank | GOLD 1428TS OPENZ | 4 | 18 |
| 59KEZ | DE000CR0KTA5 | Leveraged KO open-end BEST | Commerzbank | AEX 529.9TS OPENZ | 16 | 17 |
| 78DFZ | DE000CN90D25 | Leveraged KO open-end BEST | Commerzbank | ING 9.77TL OPENZ | 1 | 17 |
| 11YBZ | DE000CN90A85 | Leveraged KO open-end BEST | Commerzbank | DAX 9618TL OPENZ | 8 | 17 |
| 12BUZ | DE000CN1W8B7 | Leveraged KO open-end BEST | Commerzbank | DAX 11422TS OPENZ | 3 | 16 |
| 53VDZ | DE000CR0K576 | Leveraged KO open-end BEST | Commerzbank | AEX 520.5TS OPENZ | 18 | 16 |
| 15KSZ | DE000CN1V2V9 | Leveraged KO open-end BEST | Commerzbank | BEL20 4398TS OPENZ | 2 | 15 |

(Source: Euronext)



Euronext Lisbon

MARKET OVERVIEW

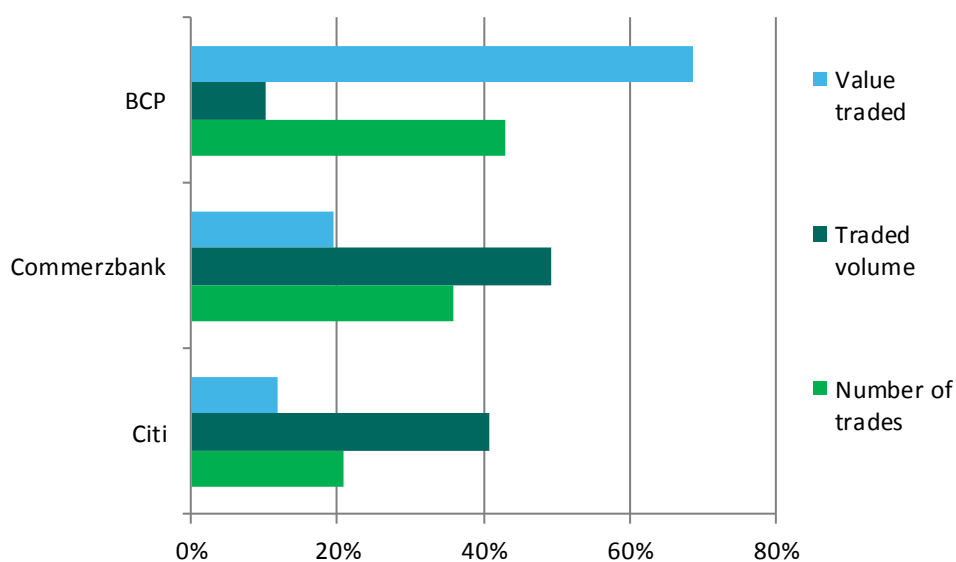
Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Issuer | Value traded | | | | Traded volume | | | | Number of trades | | | |
|--------------|-----------------------|----------------|------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| BCP | 1,556.7 | 52% | 33% | 68.8% | 80.0 | 54% | 37% | 10.1% | 151 | 16% | 2.5% | 43.1% |
| Commerzbank | 438.7 | 29% | -0.4% | 19.4% | 391.8 | 7.4% | -34% | 49.2% | 126 | -1.7% | -10% | 36.0% |
| Citi | 267.5 | -32% | -7.0% | 11.8% | 324.2 | -20% | -1.1% | 40.7% | 73 | -29% | -28% | 20.9% |
| Total | 2,263.0 | 29% | 19% | | 796.0 | -3.0% | -19% | | 350 | -3.3% | -10% | |

(Source: Euronext)



MARKET OVERVIEW

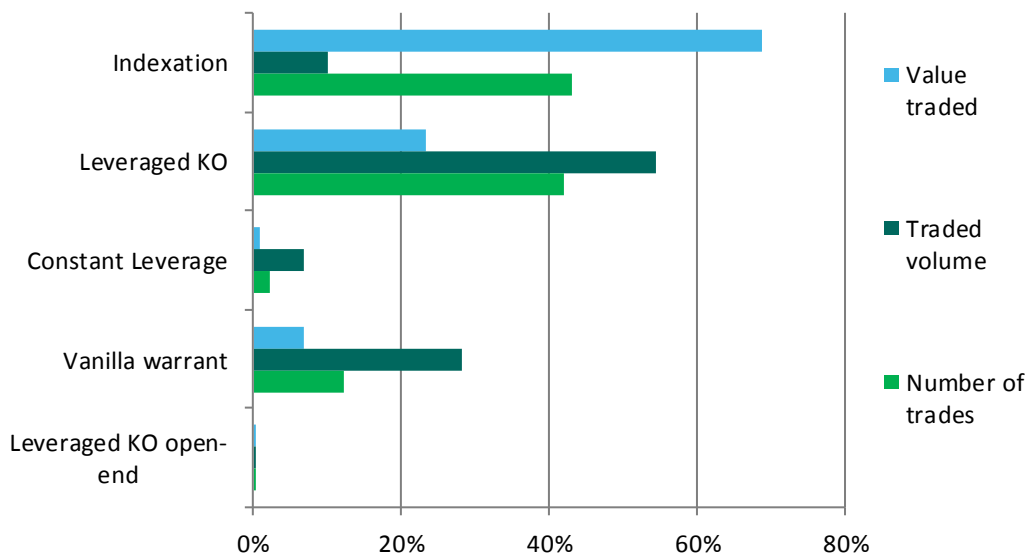
Product types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Product type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|------------|--------------|-----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Indexation | 1,556.7 | 52% | 33% | 68.8% | 80.0 | 54% | 37% | 10.1% | 151 | 16% | 2.5% | 43.1% |
| Leveraged KO | 527.7 | -7.6% | 16% | 23.3% | 432.8 | -4.6% | 18% | 54.4% | 147 | -11% | -8.0% | 41.9% |
| Constant Leverage | 19.7 | -19% | -61% | 0.9% | 55.2 | 19% | -67% | 6.9% | 8 | -32% | -44% | 2.2% |
| Vanilla warrant | 154.2 | 11% | -30% | 6.8% | 224.9 | -16% | -41% | 28.2% | 43 | -21% | -37% | 12.4% |
| Leveraged KO open-end | 4.6 | ND | 351% | 0.2% | 3.2 | ND | 435% | 0.4% | 1 | 214% | 95% | 0.4% |
| Total | 2,263.0 | 29% | 19% | | 796.0 | -3.0% | -19% | | 350 | -3.3% | -10% | |

(Source: Euronext)



MARKET OVERVIEW

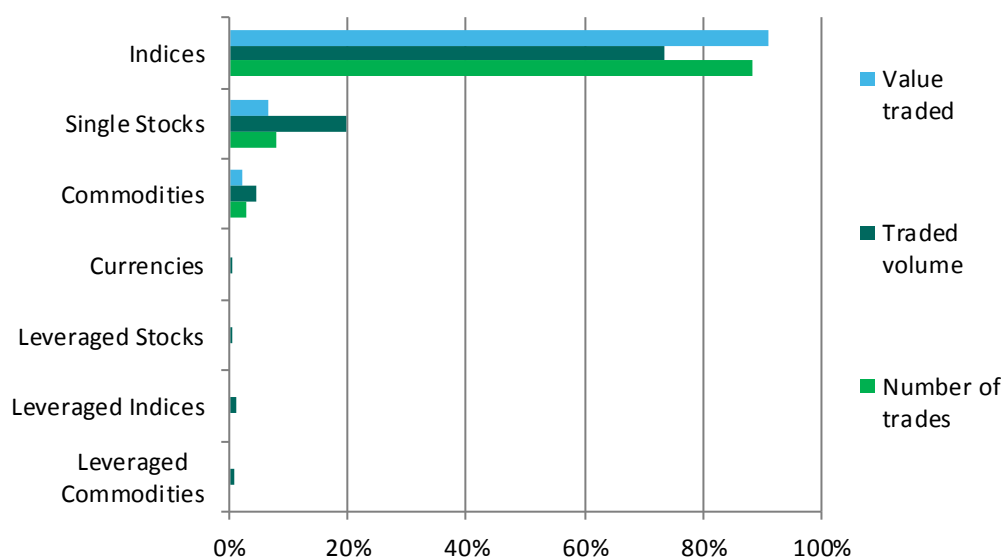
Underlying types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per underlying type, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|------------|--------------|-----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Indices | 2,061.4 | 27% | 24% | 91.2% | 583.3 | -2.1% | 1.6% | 73.6% | 309 | -2.0% | -5.9% | 88.4% |
| Single Stocks | 148.9 | 70% | 25% | 6.6% | 155.5 | -12% | -30% | 19.6% | 28 | -8.4% | -28% | 8.0% |
| Commodities | 46.9 | -3.0% | -29% | 2.1% | 35.0 | -17% | 24% | 4.4% | 10 | -25% | 0.4% | 2.8% |
| Currencies | 2.7 | 9.6% | -49% | 0.1% | 1.7 | 62% | -31% | 0.2% | 2 | -14% | -25% | 0.6% |
| Leveraged Stocks | 0.6 | ND | -95% | 0.0% | 2.9 | ND | -90% | 0.4% | 0 | 948% | -83% | 0.1% |
| Leveraged Indices | 0.3 | 410% | -99% | 0.0% | 8.4 | ND | -82% | 1.1% | 0 | -30% | -96% | 0.1% |
| Leveraged Commodities | 0.0 | | -99% | 0.0% | 5.7 | | -92% | 0.7% | 0 | | -89% | 0.0% |
| Total | 2,260.9 | 29% | 19% | | 792.5 | -2.8% | -19% | | 349 | -3.3% | -10% | |

(Source: Euronext)



MARKET OVERVIEW

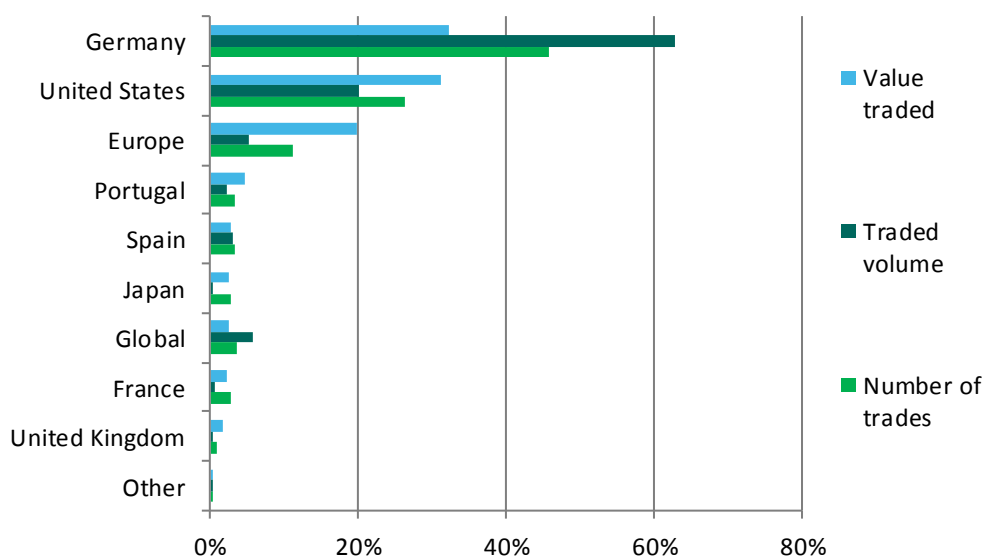
Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon per country of origin of the underlying, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying country | Value traded | | | | Traded volume | | | | Number of trades | | | |
|--------------------|-----------------------|----------------|------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Germany | 729.7 | -3.2% | -0.8% | 32.2% | 500.2 | -14% | -11% | 62.8% | 160 | -17% | -15% | 45.8% |
| United States | 706.2 | 36% | 46% | 31.2% | 160.1 | 38% | 8.1% | 20.1% | 92 | 14% | 3.2% | 26.3% |
| Europe | 448.7 | 68% | 33% | 19.8% | 41.3 | 105% | 81% | 5.2% | 39 | 23% | 2.7% | 11.1% |
| Portugal | 108.5 | 159% | 39% | 4.8% | 17.3 | -26% | -71% | 2.2% | 12 | 18% | -37% | 3.5% |
| Spain | 64.0 | 95% | 27% | 2.8% | 24.8 | 43% | -52% | 3.1% | 11 | 11% | -24% | 3.3% |
| Japan | 56.0 | 55% | 2.0% | 2.5% | 0.5 | 112% | 33% | 0.1% | 10 | 26% | -12% | 2.8% |
| Global | 55.9 | -6.0% | -29% | 2.5% | 45.4 | -6.6% | -57% | 5.7% | 12 | -20% | -9.7% | 3.5% |
| France | 54.0 | 41% | -13% | 2.4% | 5.8 | -63% | -77% | 0.7% | 10 | -1.4% | -19% | 2.8% |
| United Kingdom | 39.4 | 292% | 128% | 1.7% | 0.6 | 280% | -19% | 0.1% | 3 | 63% | 32% | 0.9% |
| Other | 0.5 | 139% | 54% | 0.0% | 0.0 | 133% | -98% | 0.0% | 0 | 110% | -81% | 0.0% |
| Total | 2,263.0 | 29% | 19% | | 796.0 | -3.0% | -19% | | 350 | -3.3% | -10% | |

(Source: Euronext)



MARKET OVERVIEW

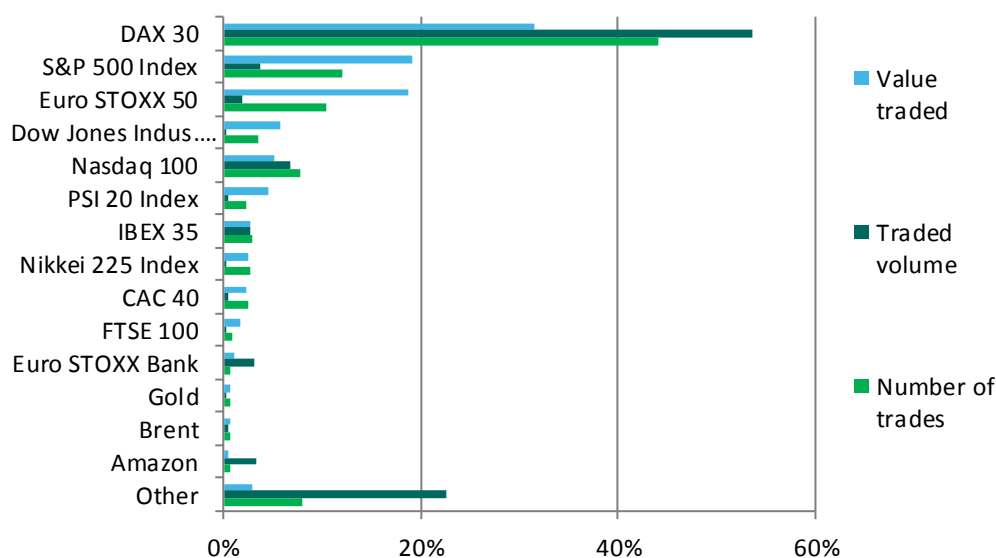
Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Lisbon for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Lisbon.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

| Underlying | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in K€) | Month on month | vs. YTD | Market share | Daily average (in K) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| DAX 30 | 715.5 | -2.9% | 2.3% | 31.6% | 427.5 | -9.3% | -1.7% | 53.7% | 154 | -16% | -12% | 44.1% |
| S&P 500 Index | 433.0 | 33% | 39% | 19.1% | 29.8 | -0.4% | 9.8% | 3.7% | 42 | 4.9% | -2.9% | 12.1% |
| Euro STOXX 50 | 422.7 | 67% | 31% | 18.7% | 15.8 | 79% | 38% | 2.0% | 37 | 22% | 1.4% | 10.4% |
| Dow Jones Indus. Avg. | 131.4 | 32% | 56% | 5.8% | 2.3 | 279% | -57% | 0.3% | 12 | 25% | 13% | 3.6% |
| Nasdaq 100 | 114.8 | 80% | 120% | 5.1% | 53.7 | 31% | 36% | 6.7% | 27 | 31% | 19% | 7.8% |
| PSI 20 Index | 100.6 | 178% | 84% | 4.4% | 3.4 | 237% | 106% | 0.4% | 8 | 27% | -2.4% | 2.4% |
| IBEX 35 | 62.1 | 93% | 30% | 2.7% | 22.5 | 45% | -41% | 2.8% | 10 | 14% | -18% | 3.0% |
| Nikkei 225 Index | 56.0 | 55% | 2.0% | 2.5% | 0.5 | 112% | 33% | 0.1% | 10 | 26% | -12% | 2.8% |
| CAC 40 | 53.0 | 40% | -5.2% | 2.3% | 3.4 | -76% | -27% | 0.4% | 9 | -6.6% | -16% | 2.4% |
| FTSE 100 | 39.4 | 292% | 133% | 1.7% | 0.6 | 280% | 114% | 0.1% | 3 | 61% | 46% | 0.9% |
| Euro STOXX Bank | 25.6 | 144% | 131% | 1.1% | 25.5 | 128% | 127% | 3.2% | 2 | 47% | 43% | 0.6% |
| Gold | 17.6 | 23% | -44% | 0.8% | 1.2 | -46% | 102% | 0.1% | 2 | -8.3% | 5.1% | 0.7% |
| Brent | 17.0 | 1.0% | -35% | 0.7% | 4.1 | -5.6% | -45% | 0.5% | 3 | -20% | -36% | 0.7% |
| Amazon | 9.9 | 113% | 253% | 0.4% | 26.3 | 239% | 280% | 3.3% | 2 | 168% | 121% | 0.6% |
| Other | 64.5 | -20% | -49% | 2.8% | 179.5 | -15% | -54% | 22.6% | 28 | -22% | -41% | 7.9% |
| Total | 2,263.0 | 29% | 19% | | 796.0 | -3.0% | -19% | | 350 | -3.3% | -10% | |

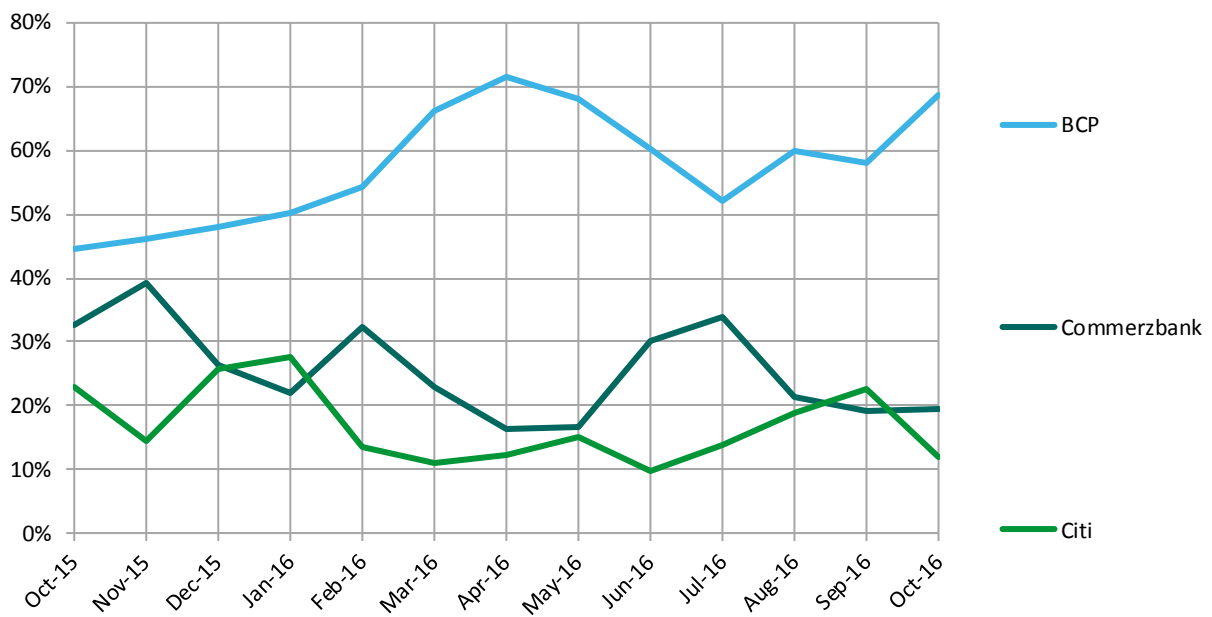
(Source: Euronext)



MARKET TREND: ISSUERS

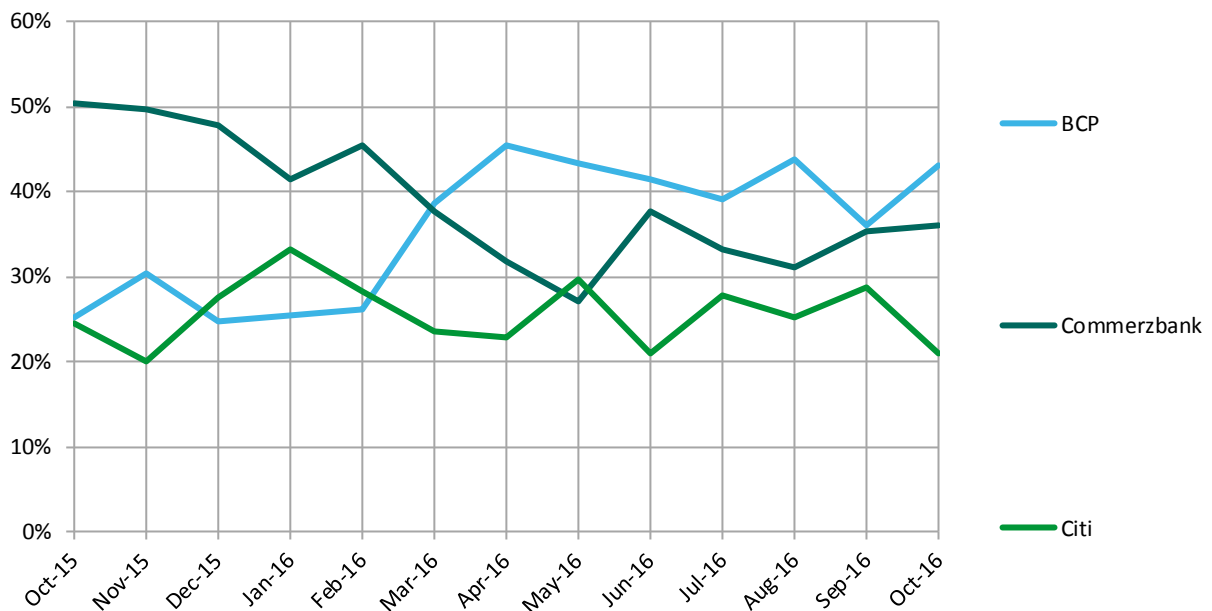
Value traded

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



Number of transactions

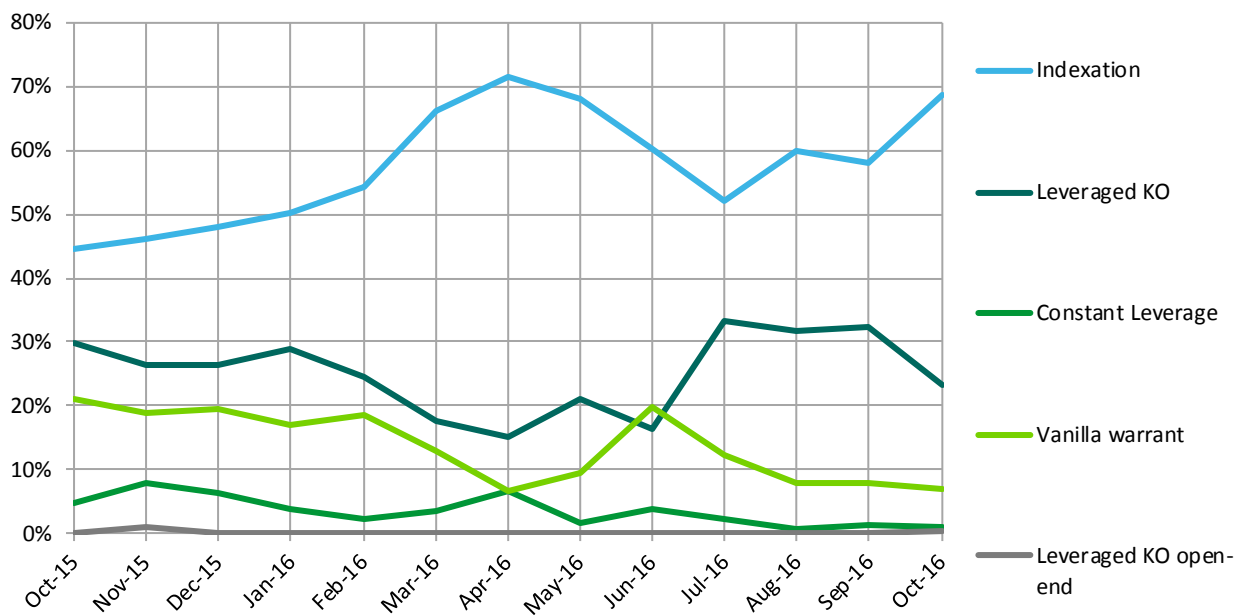
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Lisbon.



MARKET TREND: PRODUCT TYPES

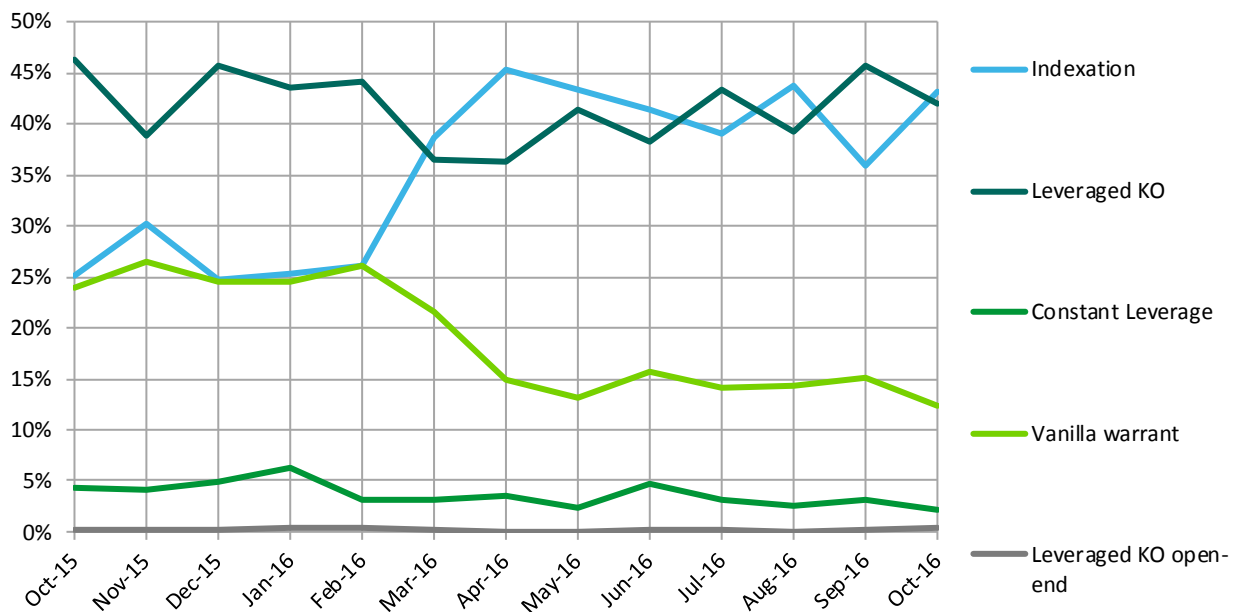
Value traded

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



Number of transactions

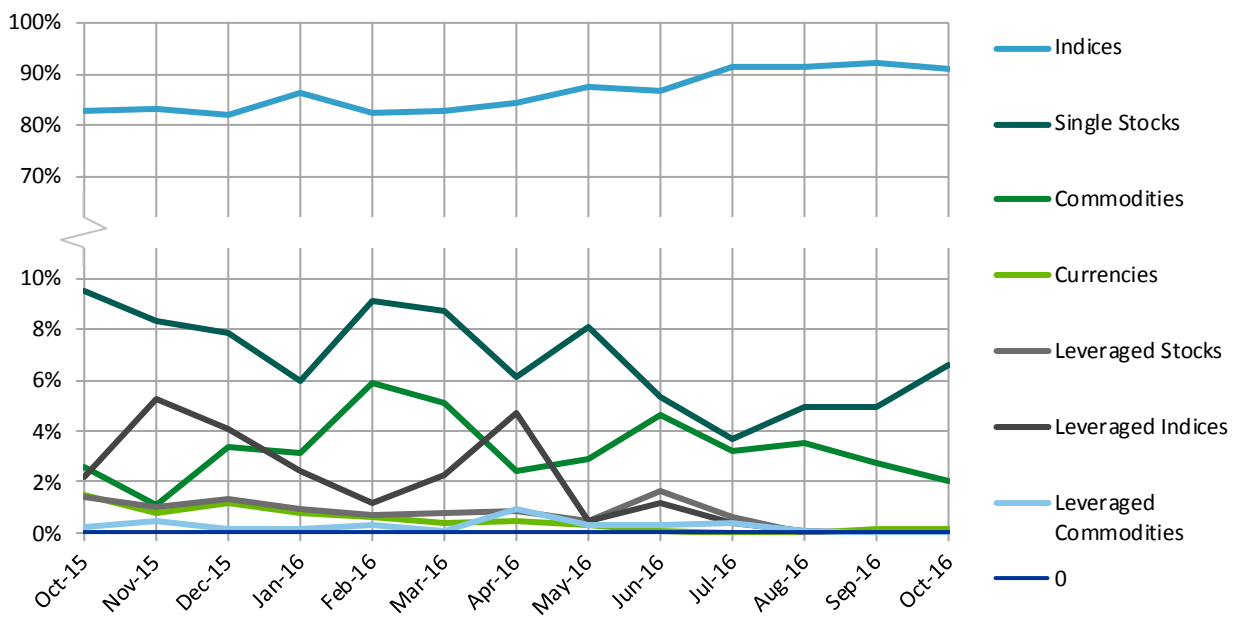
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Lisbon.



MARKET TREND: UNDERLYING TYPES

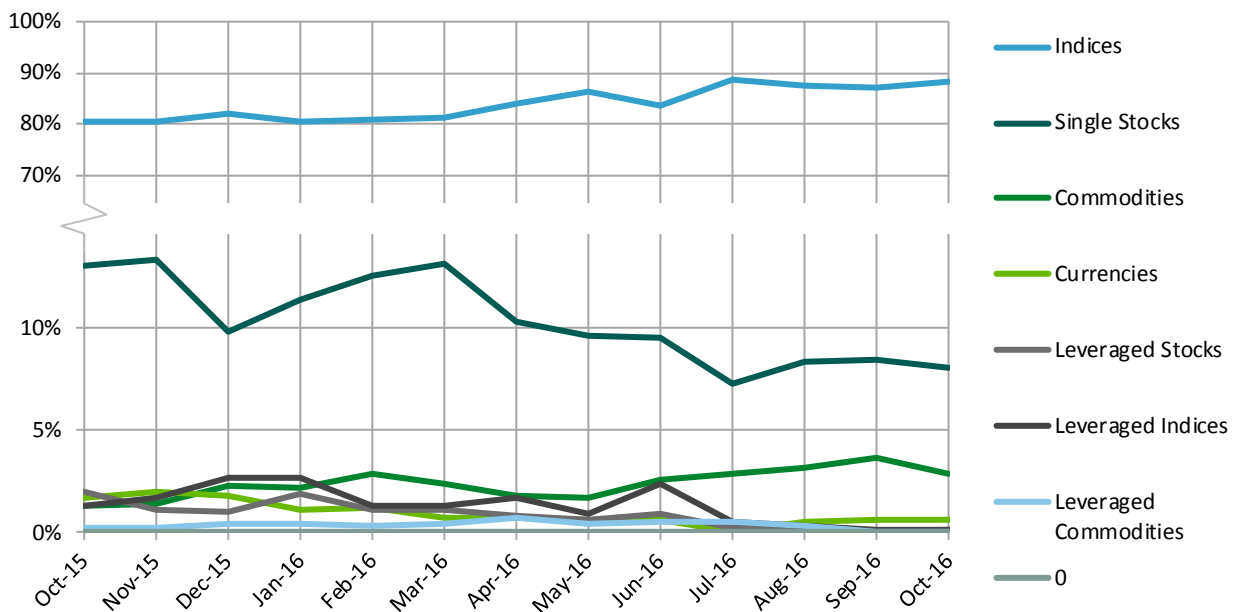
Value traded

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



Number of transactions

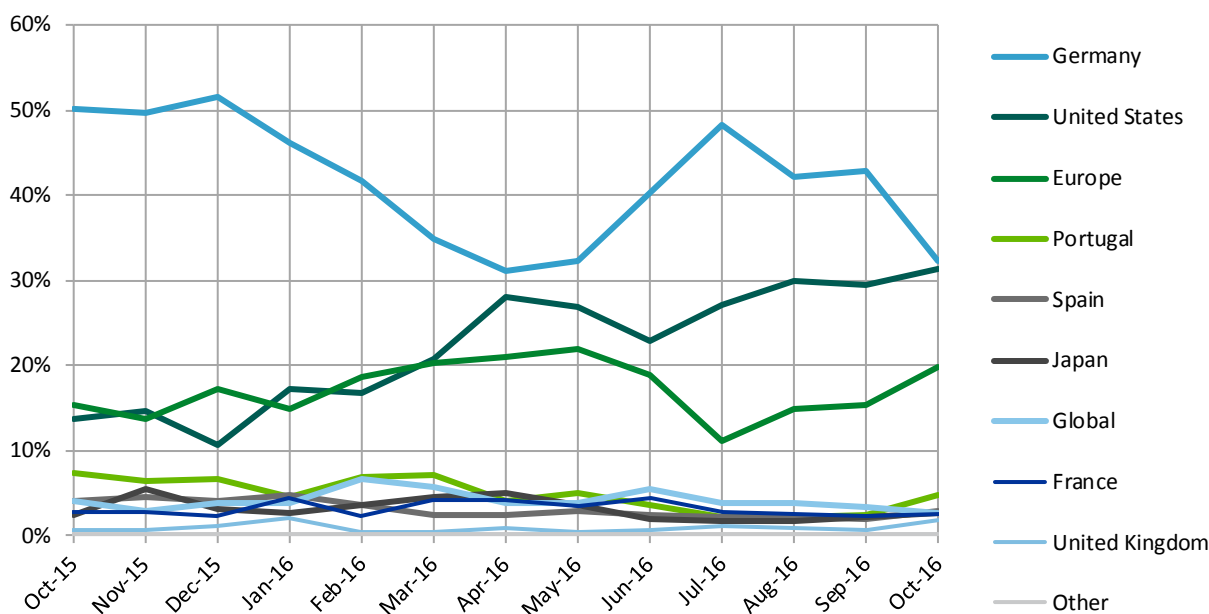
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Lisbon.



MARKET TREND: UNDERLYING COUNTRIES

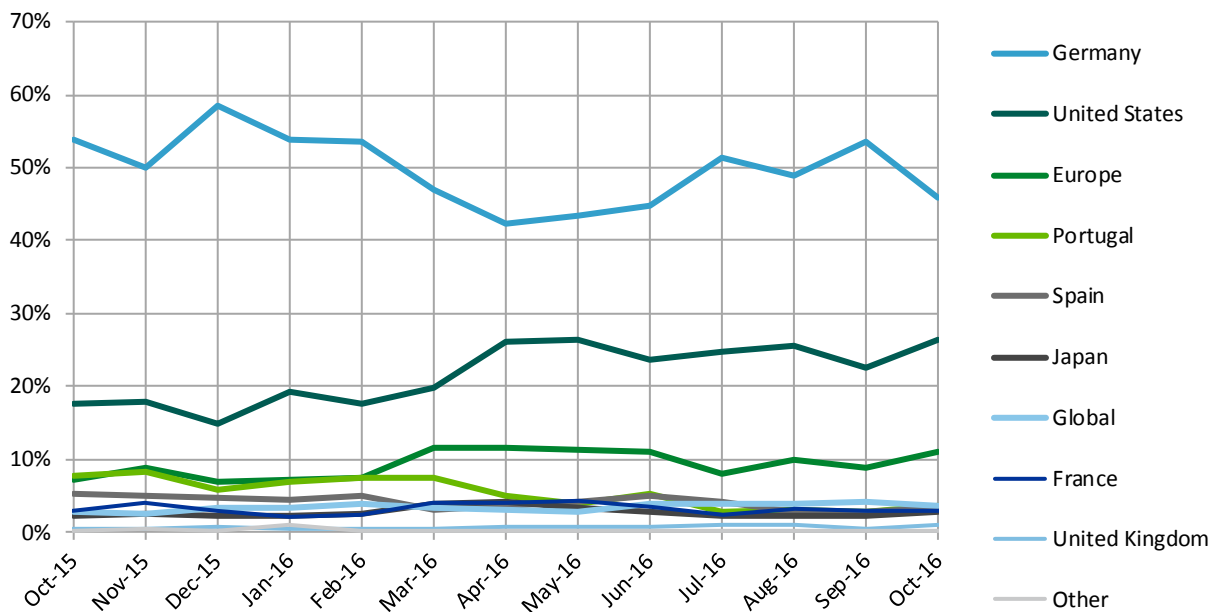
Value traded

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



Number of transactions

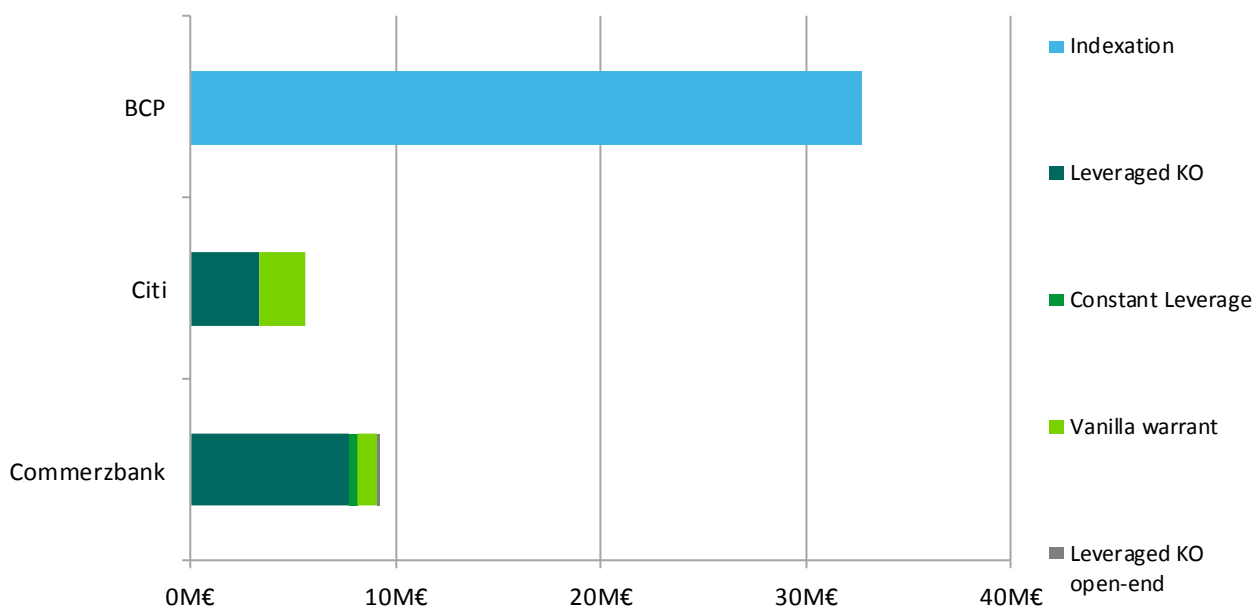
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Lisbon.



ISSUER ACTIVITY

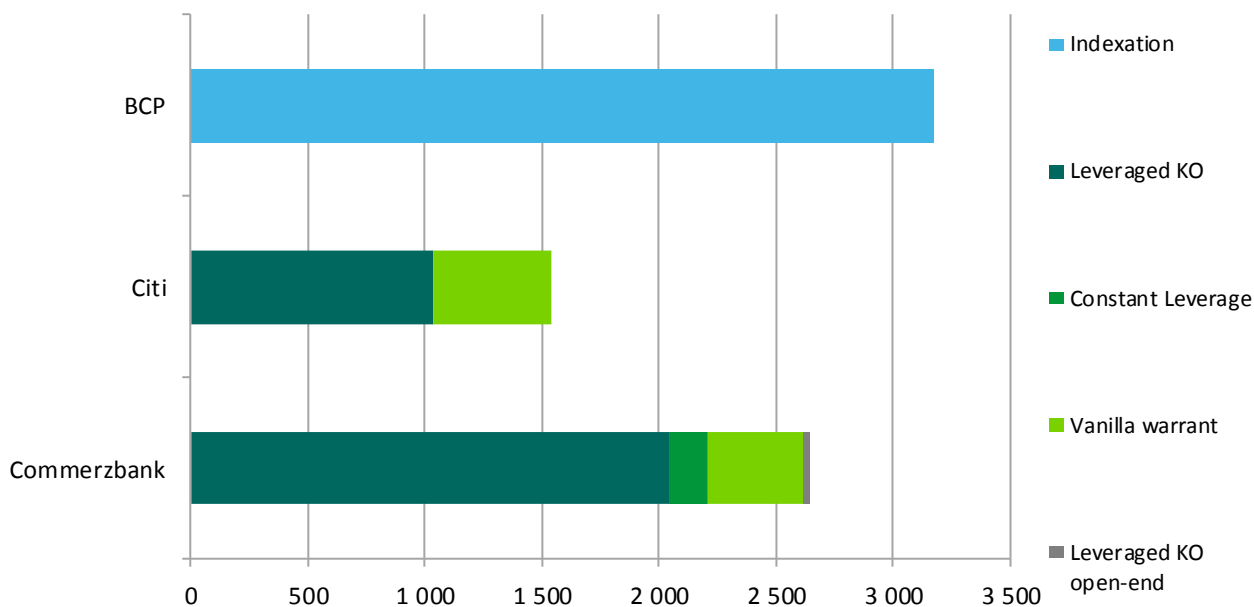
Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Lisbon.



Number of transactions

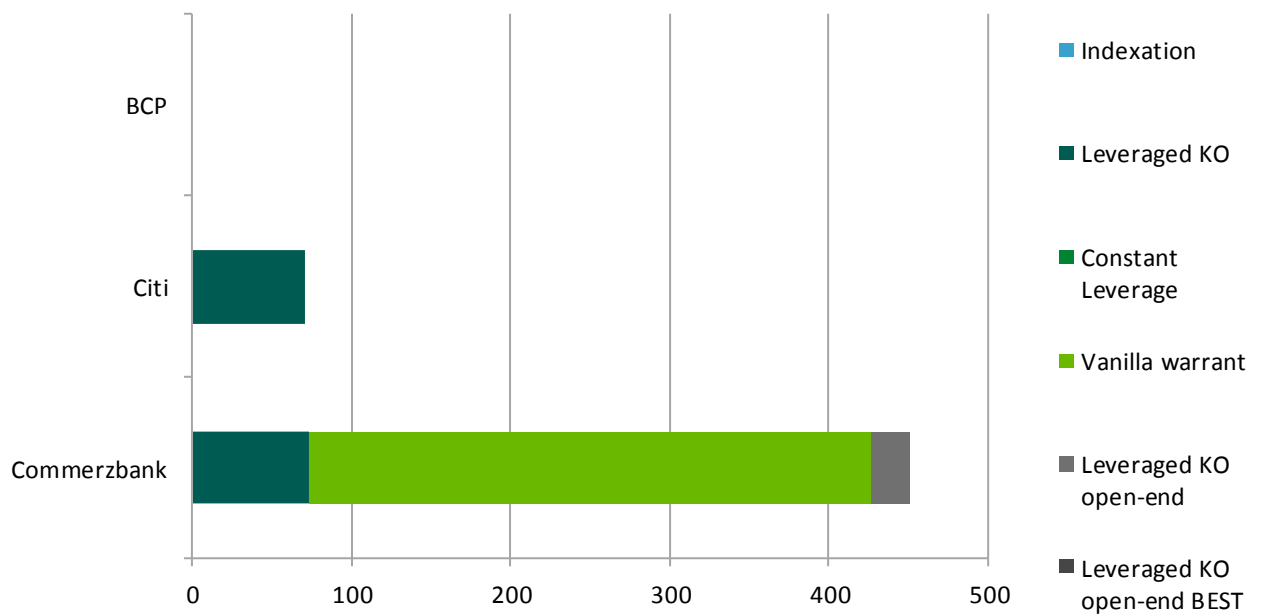
The chart below displays the number of trades per product type for each issuer active on Euronext Lisbon.



ISSUER ACTIVITY: NEW LISTINGS

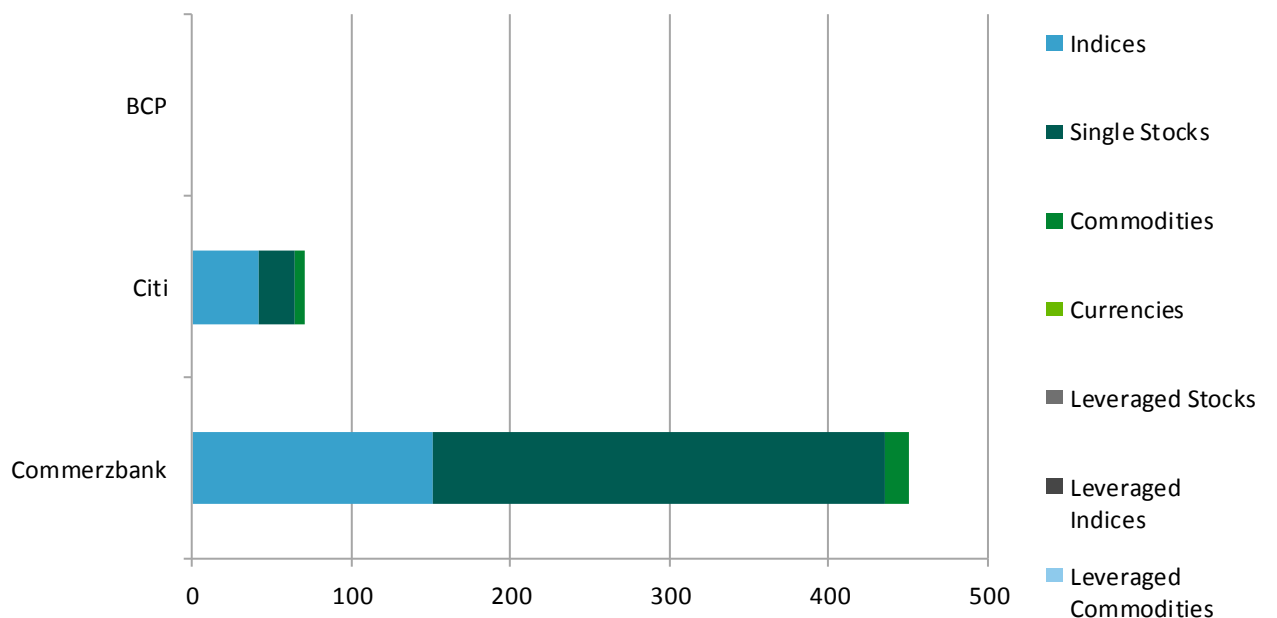
Product types

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Lisbon.



Underlying types

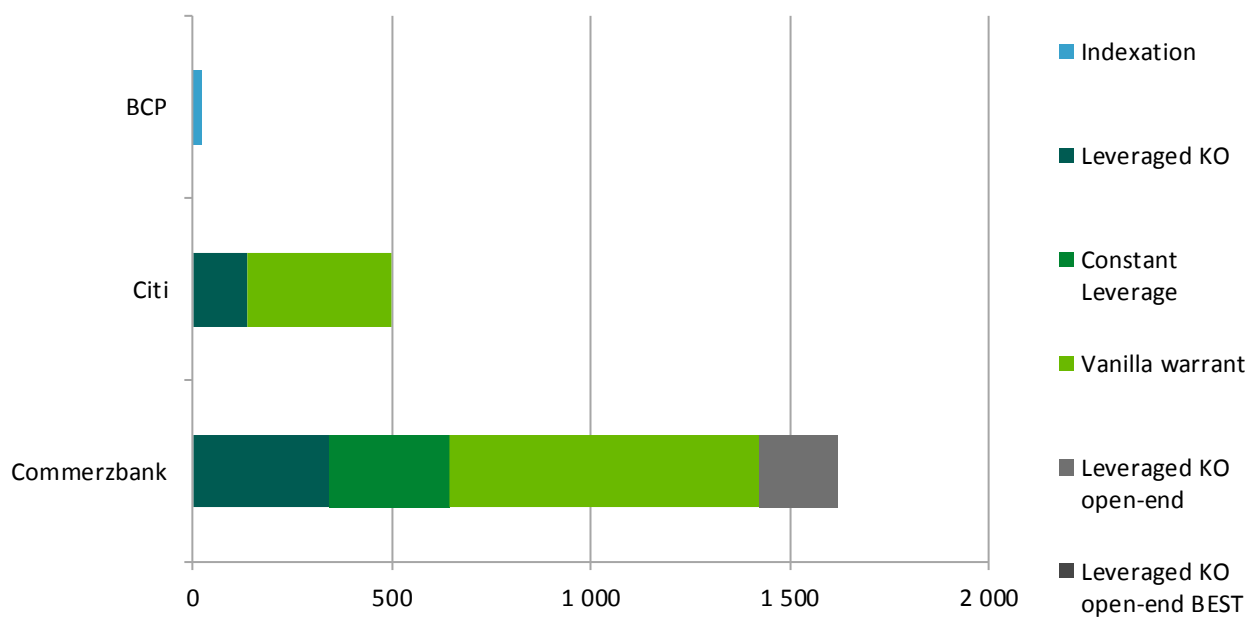
The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Lisbon.



ISSUER ACTIVITY: PRODUCT RANGE

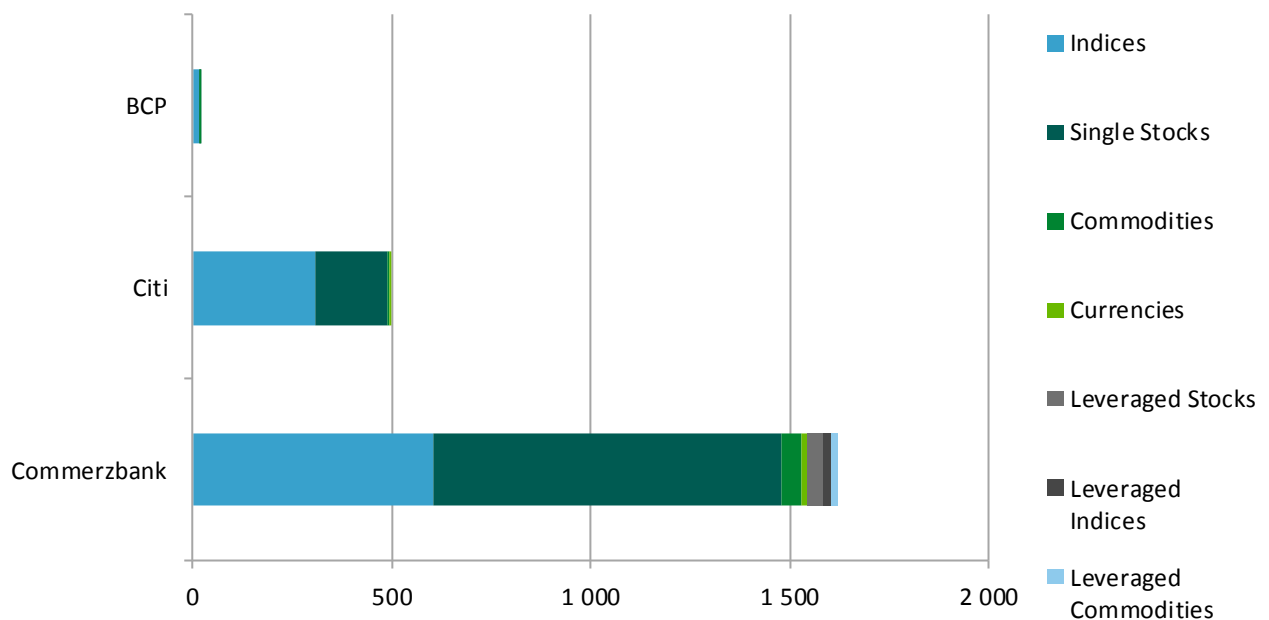
Product types

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Lisbon.



Underlying types

The chart below displays the number of existing product listings per underlying type for each issuer active 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.

| Trading symbol | ISIN Code | Product type | Issuer | Name | Number of trades | Value traded (in K€) |
|----------------|--------------|-----------------|-------------|--------------------|------------------|----------------------|
| 1029P | PTBITAYE0046 | Pure indexation | BCP | SP500 PI OPENP | 849 | 8,973 |
| 1025P | PTBIVRYE0068 | Pure indexation | BCP | ESTX PI OPENP | 749 | 8,859 |
| 1027P | PTBITEYE0034 | Pure indexation | BCP | DAX PI OPENP | 361 | 3,457 |
| 1026P | PTBIYZYE0040 | Pure indexation | BCP | DJIND PI OPENP | 252 | 2,742 |
| 1028P | PTBIY1YE0064 | Pure indexation | BCP | PSI 2 PI OPENP | 171 | 2,109 |
| I486Z | DE000CN9SBT1 | Leveraged KO | Commerzbank | DAX 11600TS 1216Z | 162 | 1,588 |
| 1032P | PTBCS1YE0010 | Pure indexation | BCP | NIKEI PI OPENP | 197 | 1,165 |
| 1023P | PTBIXRYE0025 | Pure indexation | BCP | IBEX PI OPENP | 112 | 1,135 |
| 1040P | PTBIWKYE0023 | Pure indexation | BCP | CAC40 PI OPENP | 137 | 1,098 |
| D588C | DE000CX0DVR2 | Vanilla warrant | Citi | DAX 10700C 1216C | 84 | 915 |
| 1050P | PTBIWBYE0057 | Pure indexation | BCP | NASDQ PI OPENP | 81 | 842 |
| 1024P | PTBIXQYE0026 | Pure indexation | BCP | FTSE PI OPENP | 66 | 827 |
| 1043P | PTBCLOYE0028 | Pure indexation | BCP | ESTBK PI OPENP | 45 | 537 |
| P860C | DE000CX0EP67 | Leveraged KO | Citi | DAX 10800TS 0317C | 159 | 495 |
| I203Z | DE000CN9S3A8 | Leveraged KO | Commerzbank | DAX 10750TS 0317Z | 96 | 460 |
| D612C | DE000CX0DWF5 | Vanilla warrant | Citi | DAX 10800P 1216C | 28 | 420 |
| P862C | DE000CX0EP83 | Leveraged KO | Citi | DAX 10900TS 0317C | 79 | 372 |
| 1039P | PTBIZIYE0064 | Pure indexation | BCP | BRENT PI OPENP | 53 | 356 |
| 1047P | PTBIWWYE0052 | Pure indexation | BCP | GOLDF PI OPENP | 38 | 350 |
| P011C | DE000CX0ETL7 | Leveraged KO | Citi | DAX 10950TS 0317C | 25 | 347 |
| I004Z | DE000CN9RXF6 | Leveraged KO | Commerzbank | NASDQ 4400TL 1216Z | 37 | 345 |
| P861C | DE000CX0EP75 | Leveraged KO | Citi | DAX 10850TS 0317C | 138 | 333 |
| I512Z | DE000CN9SCD3 | Leveraged KO | Commerzbank | DAX 10700TS 1216Z | 106 | 327 |
| Y390Z | DE000CN9RWX1 | Leveraged KO | Commerzbank | DAX 10950TS 1216Z | 97 | 313 |
| I011Z | DE000CN9RXN0 | Leveraged KO | Commerzbank | NASDQ 4950TS 1216Z | 147 | 304 |
| I261Z | DE000CN9S500 | Leveraged KO | Commerzbank | DAX 10950TS 0317Z | 22 | 292 |
| I012Z | DE000CN9RXP5 | Leveraged KO | Commerzbank | NASDQ 5000TS 1216Z | 59 | 287 |
| Y389Z | DE000CN9RWW3 | Leveraged KO | Commerzbank | DAX 10850TS 1216Z | 284 | 249 |
| I262Z | DE000CN9S518 | Leveraged KO | Commerzbank | DAX 11050TS 0317Z | 24 | 249 |
| I191Z | DE000CN9S2Y0 | Leveraged KO | Commerzbank | DAX 10750TS 1216Z | 63 | 245 |
| I877Z | DE000CN9SP48 | Vanilla warrant | Commerzbank | DAX 10900C 1216Z | 52 | 229 |
| I265Z | DE000CN9S542 | Leveraged KO | Commerzbank | DAX 11200TS 0317Z | 4 | 226 |
| 5559Z | DE000CN9RUQ9 | Leveraged KO | Commerzbank | DAX 11000TS 0916Z | 26 | 194 |
| 5557Z | DE000CN9RUN6 | Leveraged KO | Commerzbank | DAX 10800TS 0916Z | 112 | 192 |
| P998C | DE000CX0ET89 | Leveraged KO | Citi | AMAZO 800TL 0317C | 27 | 183 |
| V114Z | DE000CR8KZM0 | Vanilla warrant | Commerzbank | DAX P 1216Z | 45 | 166 |
| I942Z | DE000CN9SQZ6 | Leveraged KO | Commerzbank | DAX 10450TL 1216Z | 22 | 163 |
| D610C | DE000CX0DWD0 | Vanilla warrant | Citi | DAX 10400P 1216C | 58 | 156 |
| I536Z | DE000CN9SD34 | Leveraged KO | Commerzbank | DAX 10400TL 1216Z | 19 | 152 |
| I528Z | DE000CN9SCV5 | Leveraged KO | Commerzbank | DAX 10300TL 1216Z | 43 | 145 |
| I228Z | DE000CN9S419 | Leveraged KO | Commerzbank | DAX 9400TL 1216Z | 23 | 145 |
| P027C | DE000CX0EU29 | Leveraged KO | Citi | DAX 10500TL 0317C | 44 | 143 |
| P043C | DE000CX0EUJ9 | Leveraged KO | Citi | DAX 10550TL 0317C | 47 | 138 |
| I941Z | DE000CN9SQY9 | Leveraged KO | Commerzbank | DAX 10400TL 1216Z | 23 | 137 |
| I511Z | DE000CN9SCC5 | Leveraged KO | Commerzbank | DAX 10650TS 1216Z | 59 | 126 |
| P980C | DE000CX0ESQ8 | Leveraged KO | Citi | DAX 10650TS 0317C | 36 | 124 |
| I558Z | DE000CN9SDR1 | Vanilla warrant | Commerzbank | DAX 10500C 0317Z | 4 | 122 |
| I498Z | DE000CN9SBF0 | Leveraged KO | Commerzbank | NASDQ 5300TS 1216Z | 11 | 118 |
| P850C | DE000CX0ENW7 | Leveraged KO | Citi | DAX 10000TL 0317C | 33 | 111 |
| Y382Z | DE000CN9RWP7 | Leveraged KO | Commerzbank | DAX 10150TL 1216Z | 96 | 105 |

(Source: Euronext)



Euronext Paris

MARKET OVERVIEW

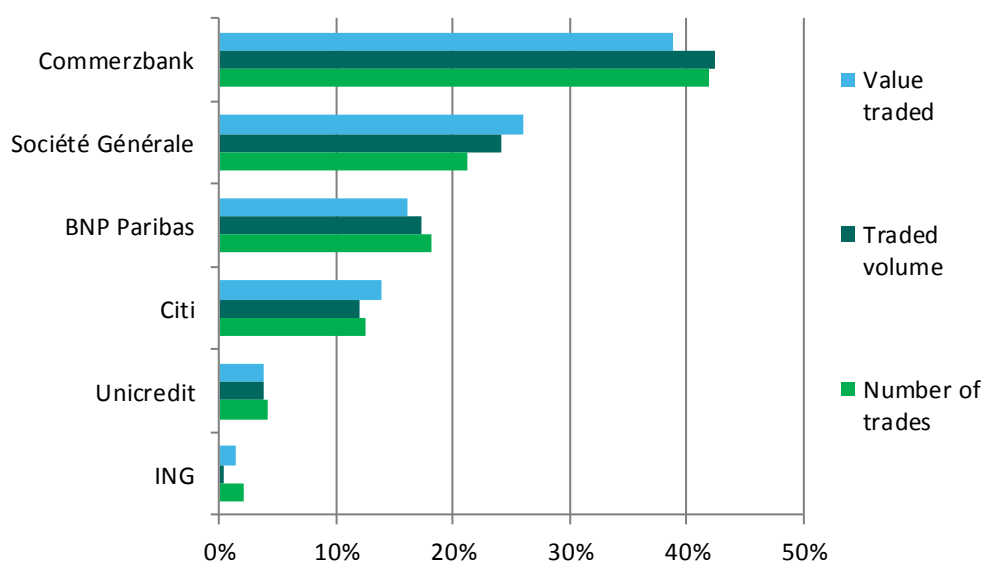
Issuers

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Issuer | Value traded | | | | Traded volume | | | | Number of trades | | | |
|------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Commerzbank | 4.7 | -18% | -4.6% | 38.8% | 9.2 | -16% | 3.7% | 42.5% | 1,901 | -20% | -14% | 42.0% |
| Société Générale | 3.1 | -14% | -14% | 26.1% | 5.2 | -19% | -39% | 24.1% | 960 | -25% | -18% | 21.2% |
| BNP Paribas | 1.9 | -12% | -26% | 16.0% | 3.8 | -3.8% | 1.3% | 17.4% | 820 | -9.0% | -17% | 18.1% |
| Citi | 1.7 | -7.9% | 5.3% | 13.9% | 2.6 | 11% | 5.2% | 12.0% | 567 | -19% | -18% | 12.5% |
| Unicredit | 0.5 | 104% | 66% | 3.8% | 0.8 | -13% | 21% | 3.8% | 189 | -1.0% | 23% | 4.2% |
| ING | 0.2 | -6.5% | -28% | 1.4% | 0.1 | -37% | -31% | 0.3% | 94 | -16% | -25% | 2.1% |
| Total | 12.1 | -12% | -9.3% | | 21.6 | -13% | -11% | | 4,530 | -18% | -15% | |

(Source: Euronext)



MARKET OVERVIEW

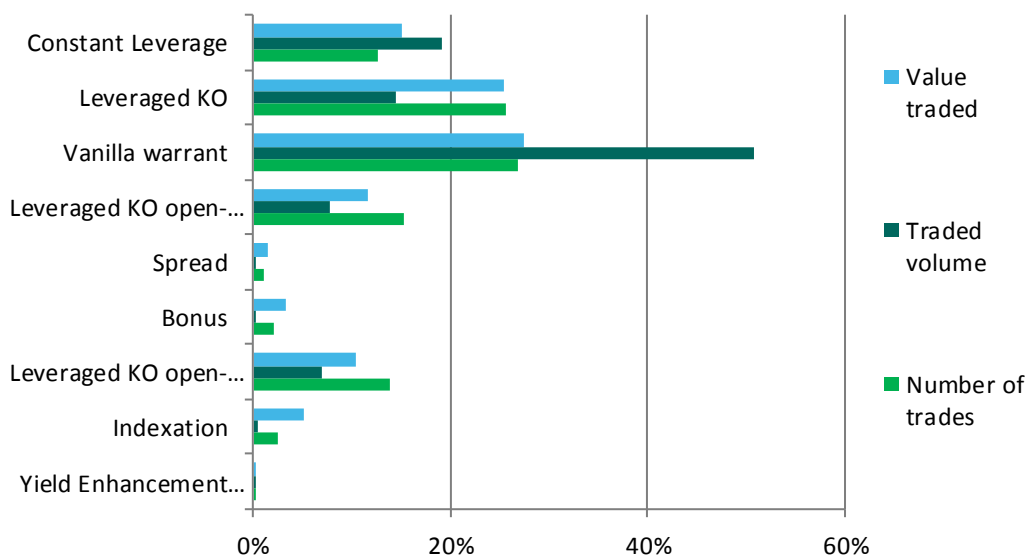
Product types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per issuer, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Product type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|----------------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Constant Leverage | 1.8 | -21% | -32% | 15.1% | 4.2 | -17% | -36% | 19.2% | 574 | -25% | -32% | 12.7% |
| Leveraged KO | 3.1 | -10% | 4.5% | 25.4% | 3.1 | -9.7% | 10% | 14.5% | 1,166 | -25% | -18% | 25.7% |
| Vanilla warrant | 3.3 | -4.9% | -10% | 27.4% | 11.0 | -9.2% | -3.8% | 50.8% | 1,217 | -12% | -13% | 26.9% |
| Leveraged KO open-end | 1.4 | -13% | -7.8% | 11.6% | 1.7 | -14% | -1.1% | 7.7% | 691 | -12% | -8.9% | 15.2% |
| Spread | 0.2 | 4.6% | 5.6% | 1.5% | 0.0 | 46% | 44% | 0.1% | 50 | -25% | -11% | 1.1% |
| Bonus | 0.4 | -4.8% | 2.2% | 3.3% | 0.0 | -34% | 5.8% | 0.1% | 95 | 11% | 10% | 2.1% |
| Leveraged KO open-end BEST | 1.3 | -28% | -3.5% | 10.4% | 1.5 | -23% | 7.8% | 7.1% | 624 | -17% | 2.1% | 13.8% |
| Indexation | 0.6 | 1.7% | 3.0% | 5.2% | 0.1 | -37% | -67% | 0.5% | 112 | -27% | -20% | 2.5% |
| Yield Enhancement & Other | 0.0 | -45% | -50% | 0.0% | 0.0 | -60% | -60% | 0.0% | 1 | -66% | -48% | 0.0% |
| Total | 12.1 | -12% | -9.3% | | 21.6 | -13% | -11% | | 4,530 | -18% | -15% | |

(Source: Euronext)



MARKET OVERVIEW

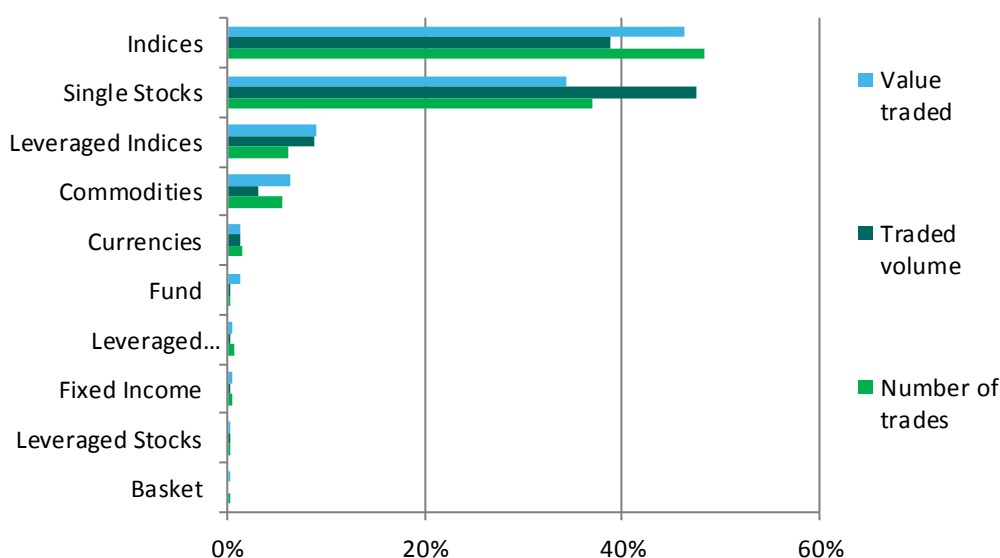
Underlying types

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per underlying type, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying type | Value traded | | | | Traded volume | | | | Number of trades | | | |
|-----------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| Indices | 5.6 | -18% | -7.2% | 46.4% | 8.4 | -16% | 11% | 38.8% | 2,190 | -24% | -17% | 48.4% |
| Single Stocks | 4.1 | -1.2% | 9.7% | 34.3% | 10.3 | -6.4% | 2.4% | 47.6% | 1,678 | -5.6% | -1.6% | 37.0% |
| Leveraged Indices | 1.1 | -22% | -40% | 9.1% | 1.9 | -29% | -63% | 8.8% | 275 | -30% | -47% | 6.1% |
| Commodities | 0.8 | 2.1% | -8.2% | 6.3% | 0.7 | -8.5% | -15% | 3.1% | 248 | -22% | -19% | 5.5% |
| Currencies | 0.2 | 18% | 17% | 1.3% | 0.3 | 4.4% | 26% | 1.3% | 68 | -9.1% | -11% | 1.5% |
| Fund | 0.2 | -40% | -70% | 1.3% | 0.0 | -39% | -71% | 0.1% | 5 | 0.8% | -61% | 0.1% |
| Leveraged Commodities | 0.1 | -24% | -33% | 0.5% | 0.0 | 29% | -92% | 0.2% | 31 | -2.0% | -16% | 0.7% |
| Fixed Income | 0.1 | -38% | 50% | 0.4% | 0.0 | -48% | 47% | 0.1% | 24 | -31% | 34% | 0.5% |
| Leveraged Stocks | 0.0 | 51% | -15% | 0.4% | 0.0 | 9.7% | -73% | 0.1% | 10 | -47% | -51% | 0.2% |
| Basket | 0.0 | -24% | -91% | 0.0% | 0.0 | -30% | -83% | 0.0% | 0 | -48% | -59% | 0.0% |
| Total | 12.0 | -12% | -9.2% | | 21.6 | -13% | -11% | | 4,529 | -18% | -15% | |

(Source: Euronext)



MARKET OVERVIEW

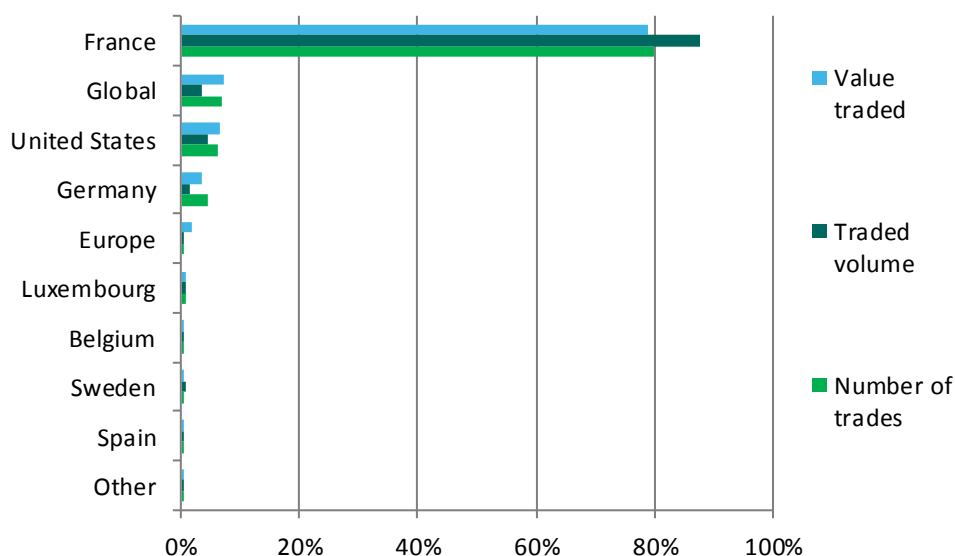
Top 10 underlying countries

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris per country of origin of the underlying, as well as the variation over the previous month 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 traded value, traded volume and number of trades.

| Underlying country | Value traded | | | | Traded volume | | | | Number of trades | | | |
|--------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| France | 9.5 | -12% | -5.5% | 79.0% | 19.0 | -12% | -9.3% | 87.8% | 3,614 | -18% | -15% | 79.8% |
| Global | 0.9 | -7.8% | -12% | 7.2% | 0.8 | -15% | -39% | 3.6% | 313 | -25% | -17% | 6.9% |
| United States | 0.8 | -0.1% | -6.7% | 6.7% | 1.0 | -14% | 1.5% | 4.4% | 284 | -12% | -4.7% | 6.3% |
| Germany | 0.4 | -29% | -19% | 3.6% | 0.3 | -32% | -19% | 1.6% | 199 | -35% | -24% | 4.4% |
| Europe | 0.2 | -44% | -63% | 2.0% | 0.1 | -61% | -46% | 0.4% | 25 | -6.0% | -25% | 0.5% |
| Luxembourg | 0.1 | -17% | 19% | 0.7% | 0.2 | -52% | -42% | 0.8% | 35 | -20% | -25% | 0.8% |
| Belgium | 0.0 | 120% | -1.2% | 0.2% | 0.0 | 62% | -26% | 0.1% | 15 | 146% | 31% | 0.3% |
| Sweden | 0.0 | ND | 273% | 0.2% | 0.1 | ND | 299% | 0.7% | 17 | 948% | 284% | 0.4% |
| Spain | 0.0 | 170% | 104% | 0.1% | 0.0 | 179% | -1.7% | 0.0% | 2 | 115% | 40% | 0.0% |
| Other | 0.0 | -28% | -22% | 0.4% | 0.1 | 2.0% | -23% | 0.5% | 27 | -24% | -20% | 0.6% |
| Total | 12.0 | -12% | -9.1% | | 21.6 | -13% | -11% | | 4,529 | -18% | -15% | |

(Source: Euronext)



MARKET OVERVIEW

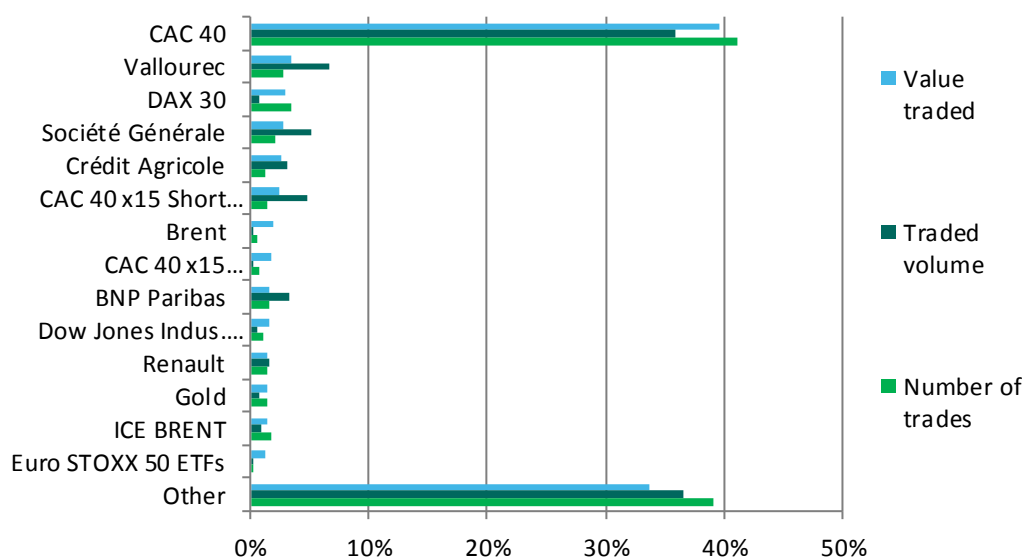
Top 15 underlyings

The table below displays the daily averages of traded value, traded volume and number of trades on Euronext Paris for the top 15 underlyings, as well as the variation over the previous month and the weight of each of the top 15 underlyings over the total of Euronext Paris.

The chart at the bottom of the page represents the weight of each of the top 15 underlyings in terms of traded value, traded volume and number of trades.

| Underlying | Value traded | | | | Traded volume | | | | Number of trades | | | |
|----------------------------|-----------------------|----------------|--------------|--------------|----------------------|----------------|-------------|--------------|------------------|----------------|-------------|--------------|
| | Daily average (in M€) | Month on month | vs. YTD | Market share | Daily average (in M) | Month on month | vs. YTD | Market share | Daily average | Month on month | vs. YTD | Market share |
| CAC 40 | 4.8 | -16% | -4.4% | 39.6% | 7.7 | -13% | 15% | 35.9% | 1,866 | -23% | -16% | 41.2% |
| Vallourec | 0.4 | 48% | 77% | 3.4% | 1.4 | 30% | 33% | 6.6% | 127 | 20% | 29% | 2.8% |
| DAX 30 | 0.4 | -28% | -22% | 2.9% | 0.2 | -33% | -30% | 0.7% | 155 | -36% | -28% | 3.4% |
| Société Générale | 0.3 | -23% | -5.0% | 2.8% | 1.1 | -16% | 0.5% | 5.1% | 93 | -32% | -24% | 2.0% |
| Crédit Agricole | 0.3 | 4.1% | 67% | 2.5% | 0.7 | -19% | 14% | 3.2% | 55 | -28% | -22% | 1.2% |
| CAC 40 x15 Short Index | 0.3 | -12% | -9.0% | 2.4% | 1.0 | -27% | -62% | 4.7% | 67 | -31% | -40% | 1.5% |
| Brent | 0.2 | 23% | -12% | 2.0% | 0.0 | 26% | -52% | 0.1% | 27 | -33% | -45% | 0.6% |
| CAC 40 x15 Leveraged Index | 0.2 | -1.4% | -42% | 1.7% | 0.0 | 20% | -99% | 0.0% | 35 | -32% | -68% | 0.8% |
| BNP Paribas | 0.2 | 29% | 1.1% | 1.6% | 0.7 | 59% | 29% | 3.2% | 69 | -2.9% | -14% | 1.5% |
| Dow Jones Indus. Avg. | 0.2 | 44% | 4.1% | 1.6% | 0.1 | 134% | 36% | 0.6% | 52 | -4.8% | -21% | 1.1% |
| Renault | 0.2 | -19% | -7.9% | 1.5% | 0.4 | -40% | -19% | 1.7% | 68 | -39% | -20% | 1.5% |
| Gold | 0.2 | 13% | -14% | 1.5% | 0.2 | 13% | -16% | 0.7% | 62 | -2.3% | -18% | 1.4% |
| ICE BRENT | 0.2 | -16% | -13% | 1.4% | 0.2 | -35% | -26% | 0.8% | 82 | -34% | -23% | 1.8% |
| Euro STOXX 50 ETFs | 0.2 | -40% | -67% | 1.3% | 0.0 | -39% | -68% | 0.1% | 5 | 7.0% | -48% | 0.1% |
| Other | 4.1 | -14% | -13% | 33.7% | 7.9 | -16% | -20% | 36.5% | 1,769 | -9.9% | -7.6% | 39.0% |
| Total | 12.1 | -12% | -9.3% | | 21.6 | -13% | -11% | | 4,530 | -18% | -15% | |

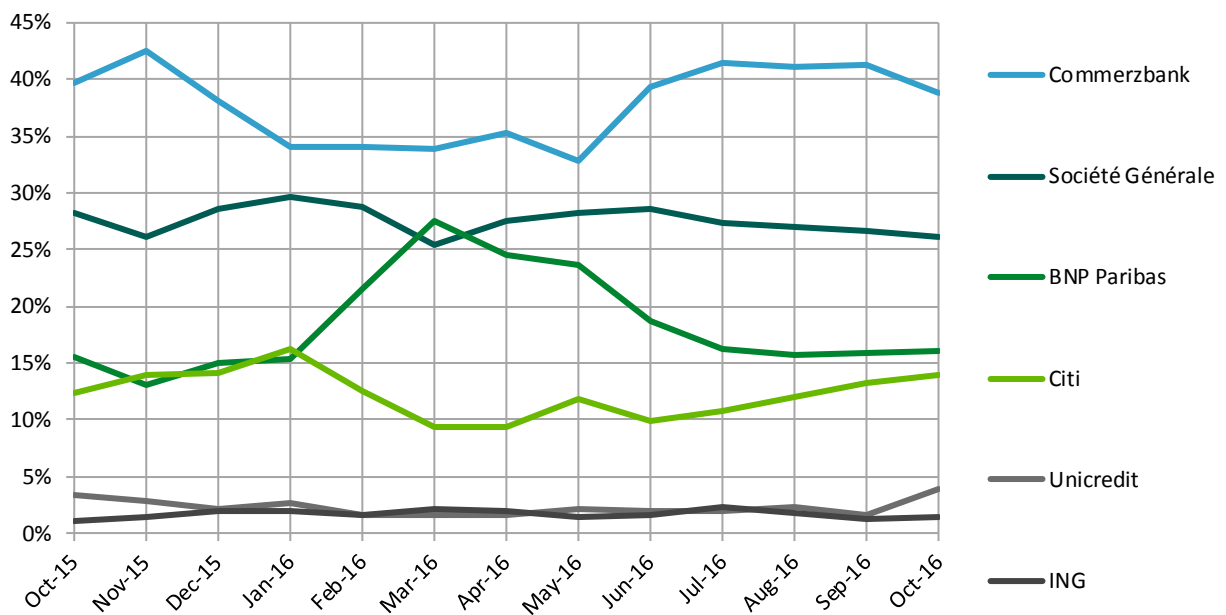
(Source: Euronext)



MARKET TREND: ISSUERS

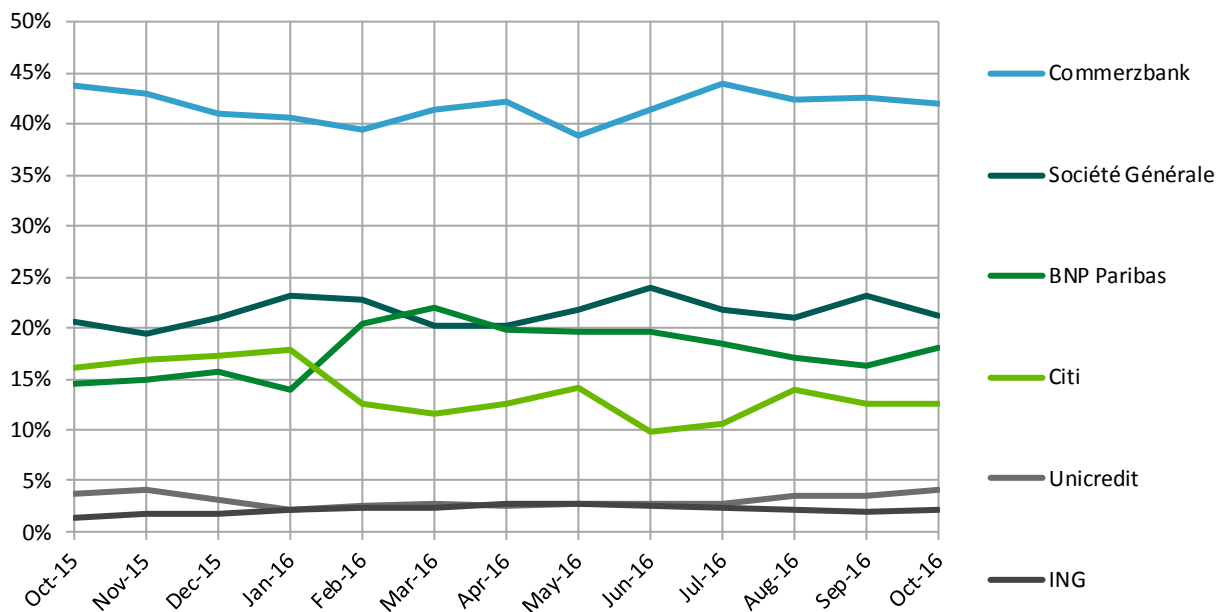
Value traded

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



Number of transactions

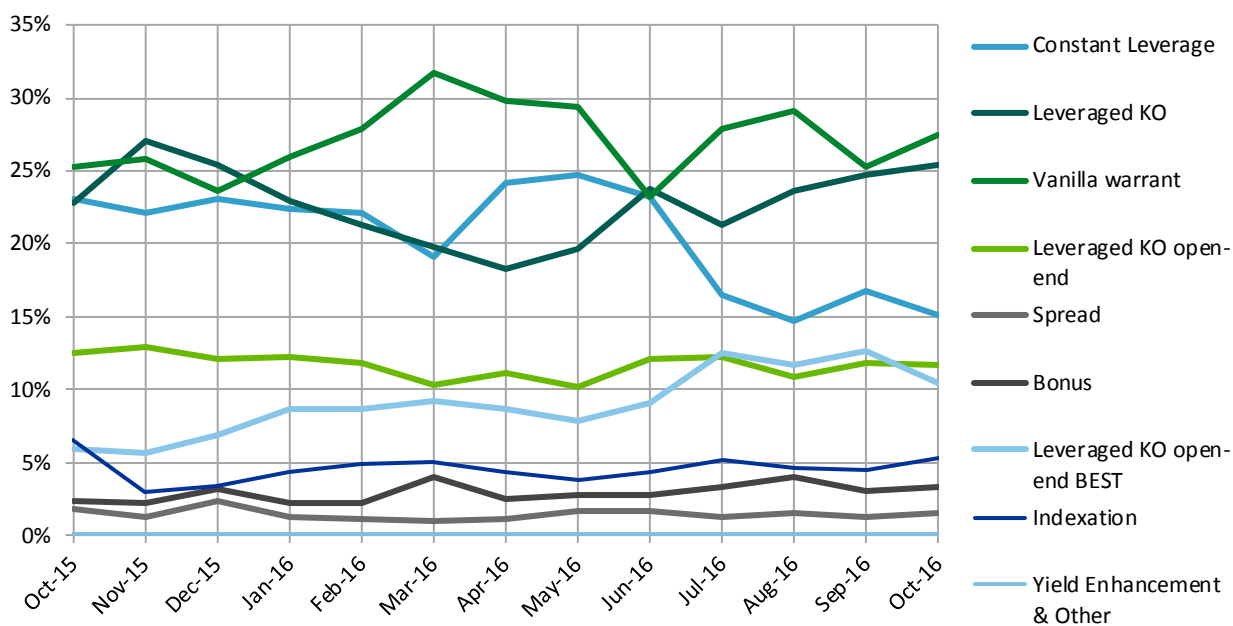
The historical graph below displays the weight of the traded volume of each issuer over the total traded volume on Euronext Paris.



MARKET TREND: PRODUCT TYPES

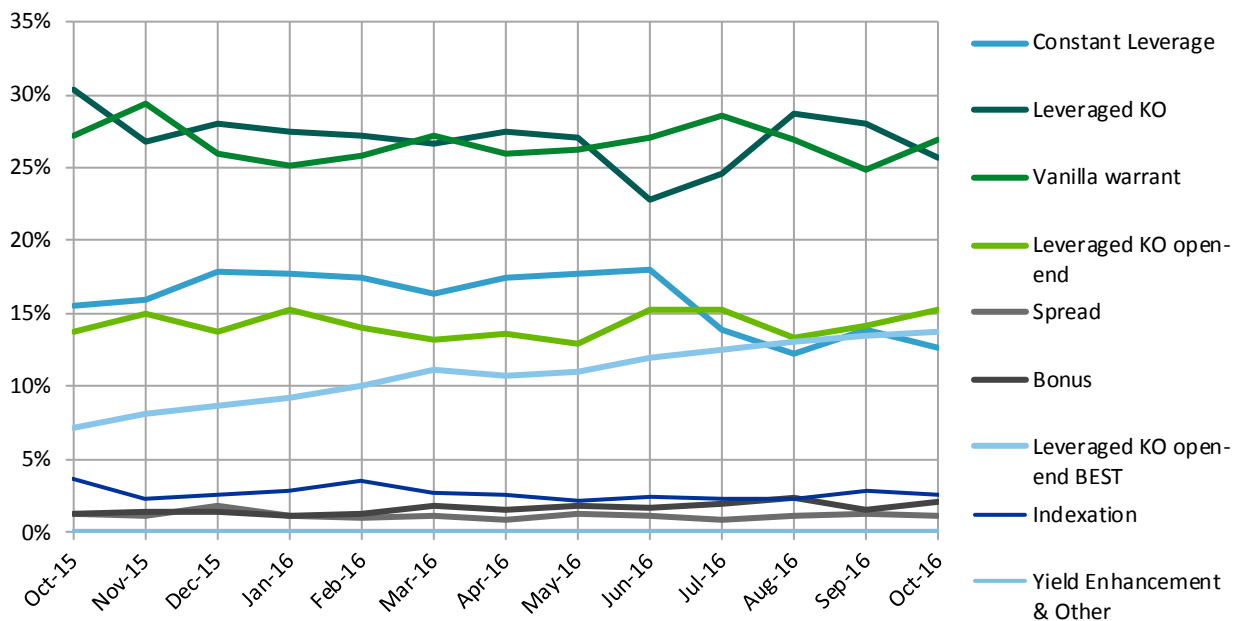
Value traded

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



Number of transactions

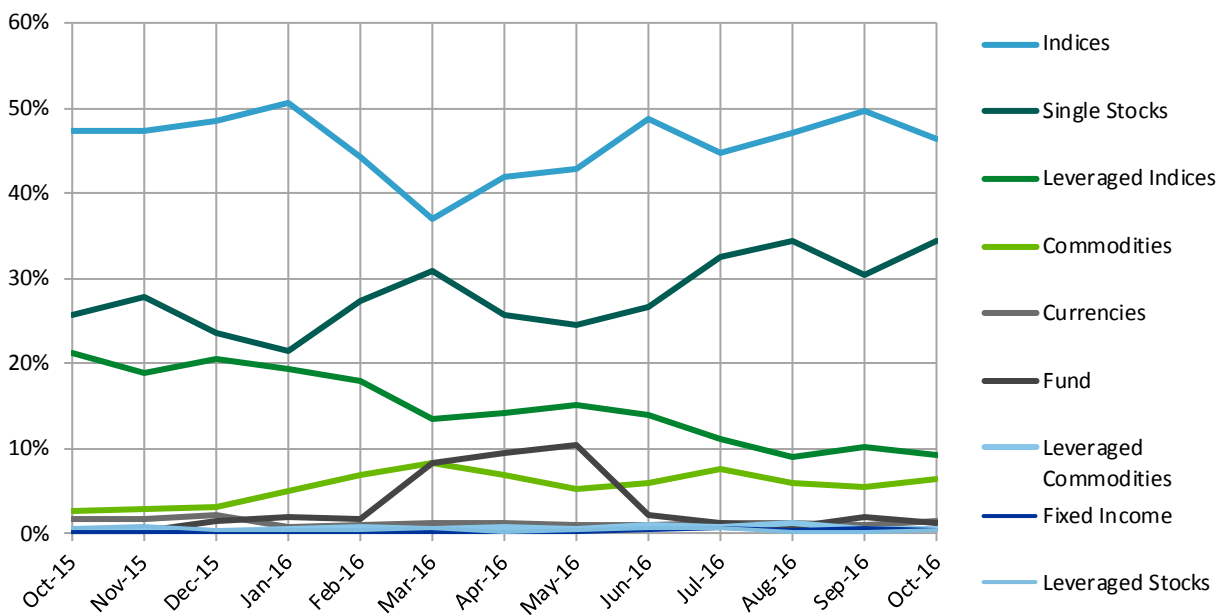
The historical graph below displays the weight of the traded volume of each product type over the total traded volume on Euronext Paris.



MARKET TREND: UNDERLYING TYPES

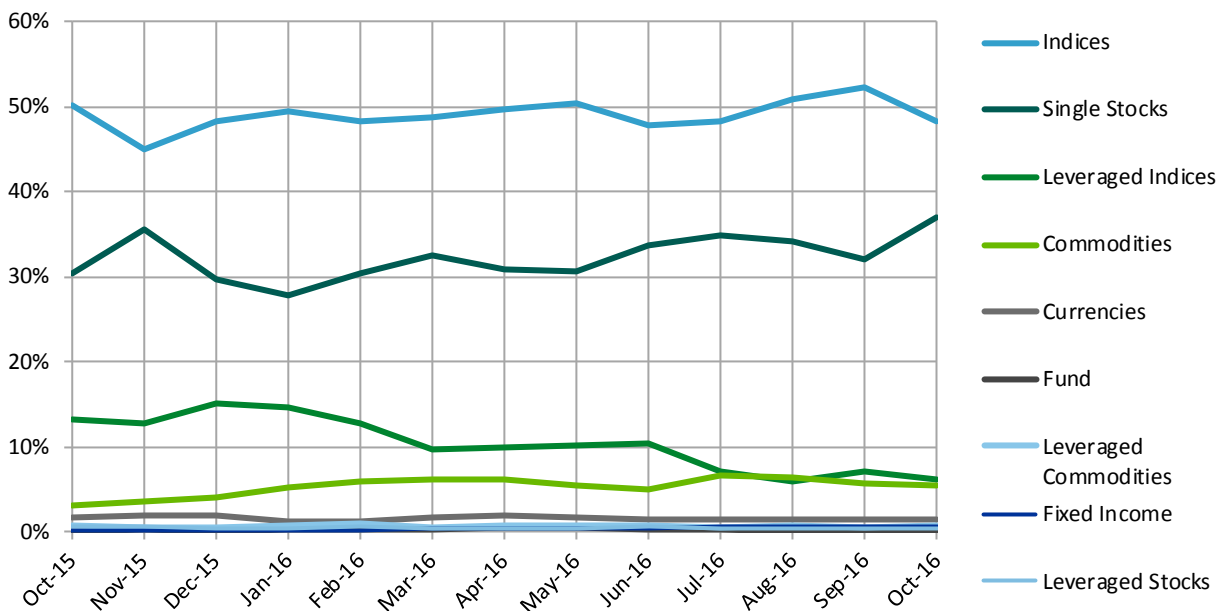
Value traded

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



Number of transactions

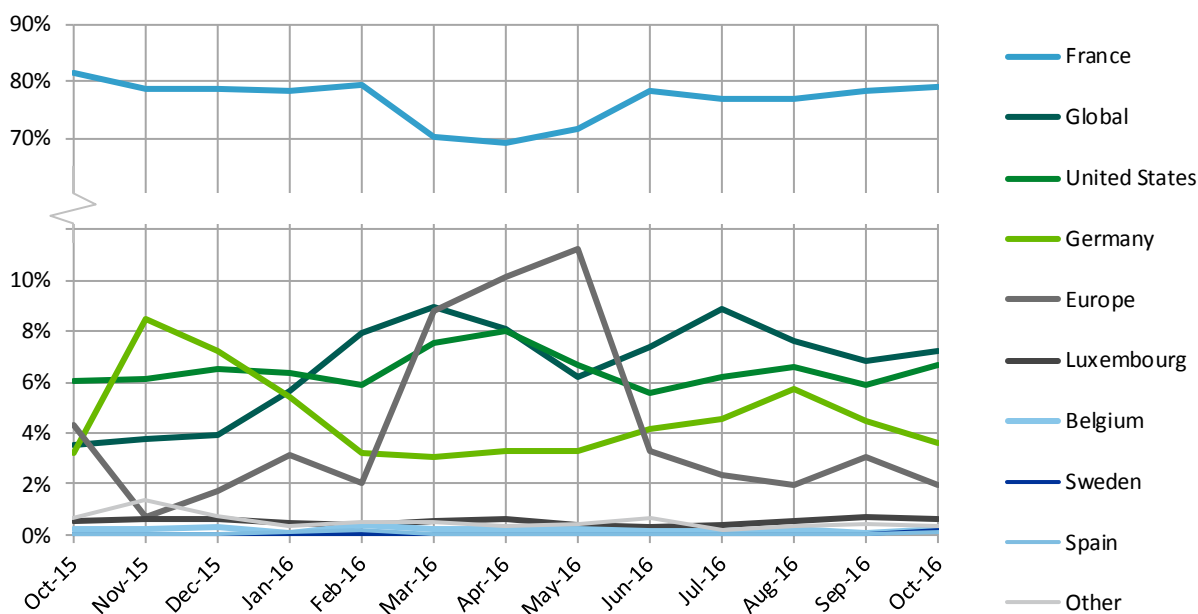
The historical graph below displays the weight of the traded volume of each underlying type over the total traded volume on Euronext Paris.



MARKET TREND: UNDERLYING COUNTRIES

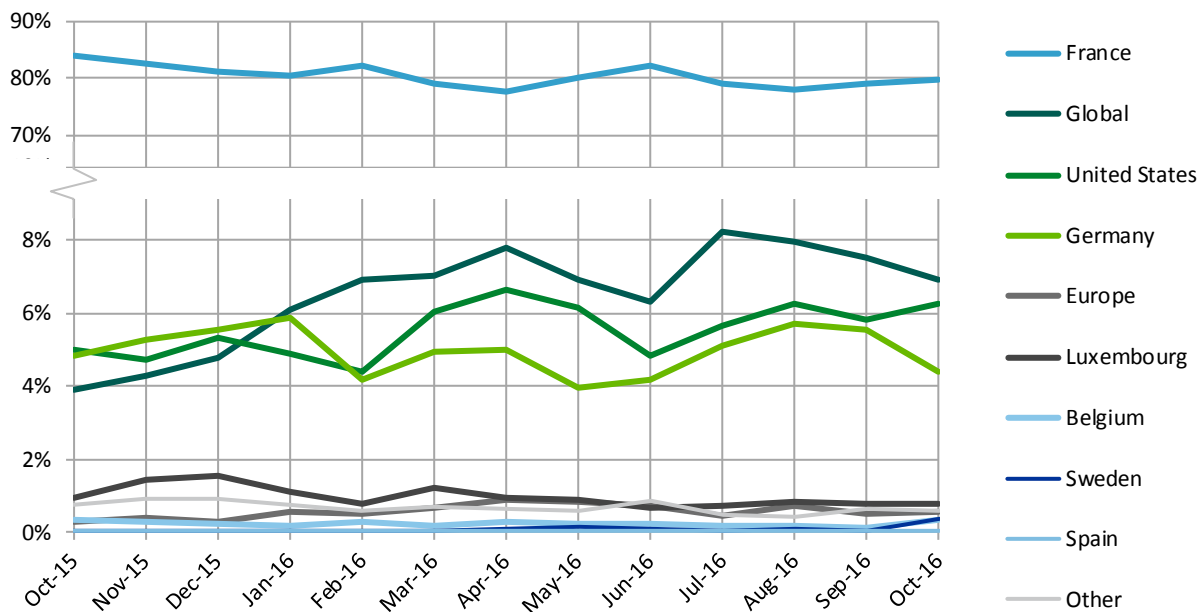
Value traded

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



Number of transactions

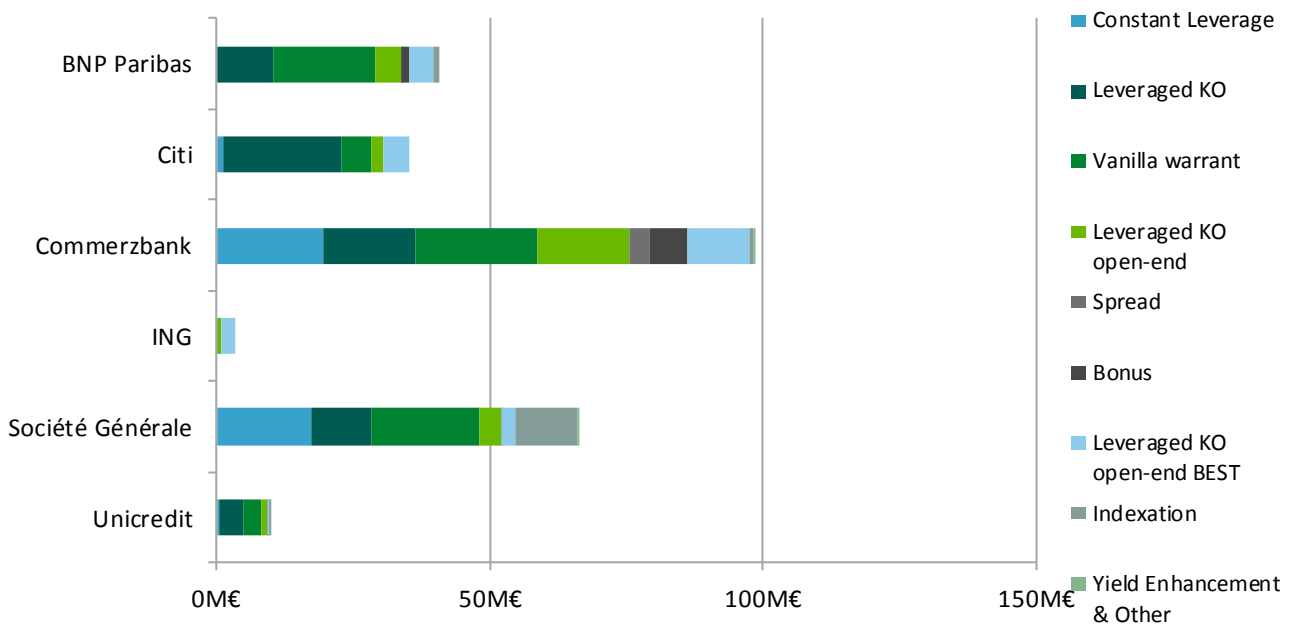
The historical graph below displays the weight of the traded volume of each underlying country of origin over the total traded volume on Euronext Paris.



ISSUER ACTIVITY

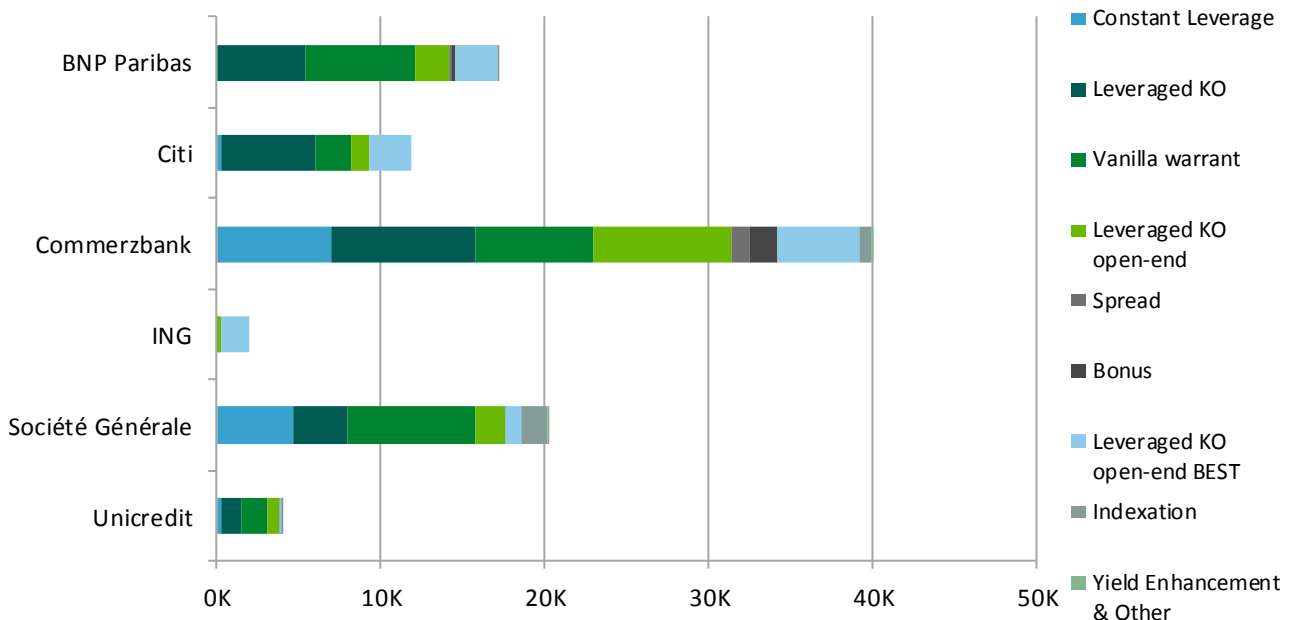
Value traded

The chart below displays the value traded per product type (in million Euros) for each issuer active on Euronext Paris.



Number of transactions

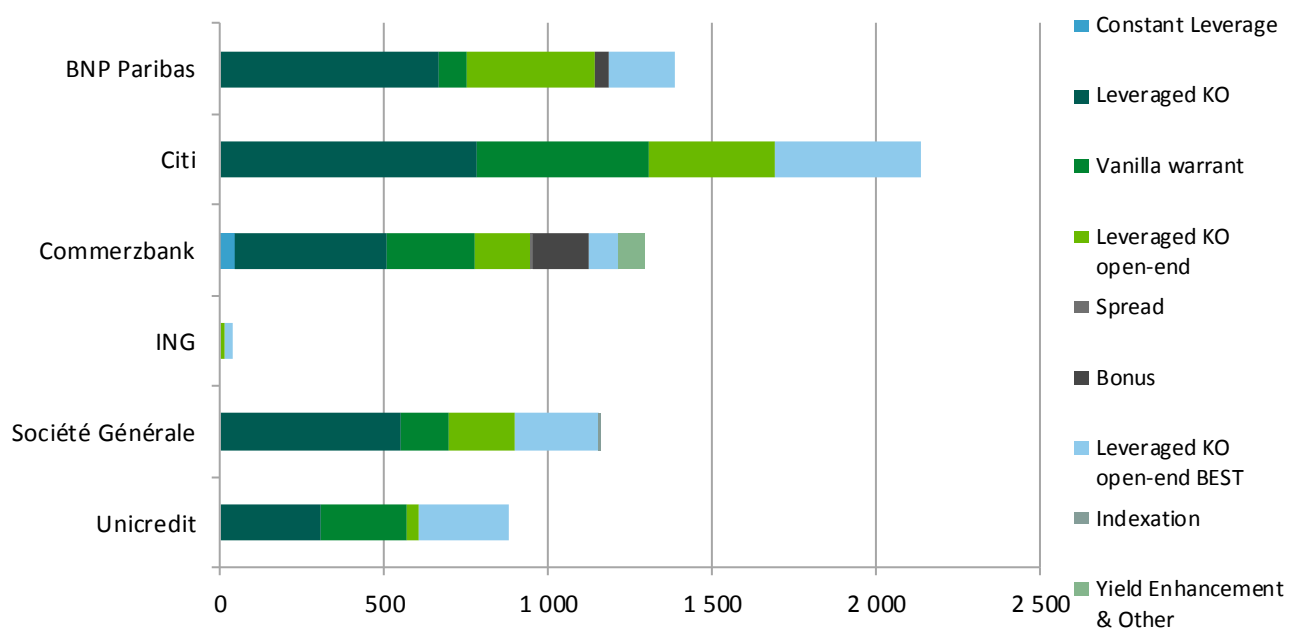
The chart below displays the number of trades per product type for each issuer active on Euronext Paris.



ISSUER ACTIVITY: NEW LISTINGS

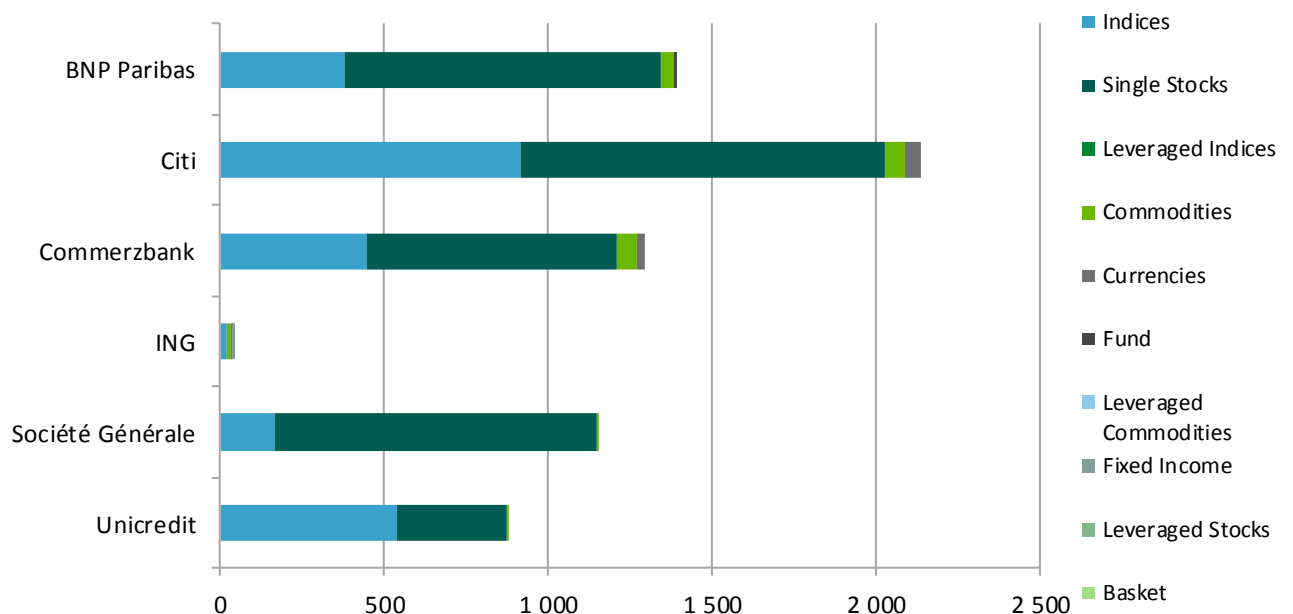
Product types

The chart below displays the number of new product listings during the month per product type for each issuer active on Euronext Paris.



Underlying types

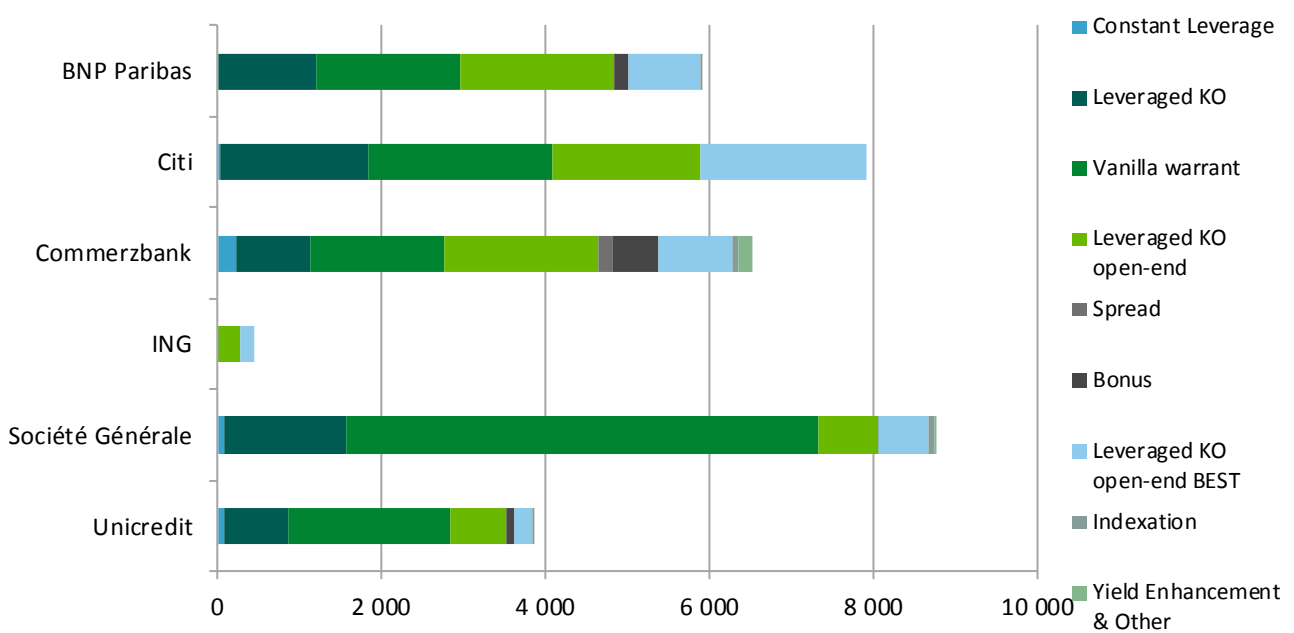
The chart below displays the number of new product listings during the month per underlying type for each issuer active on Euronext Paris.



ISSUER ACTIVITY: PRODUCT RANGE

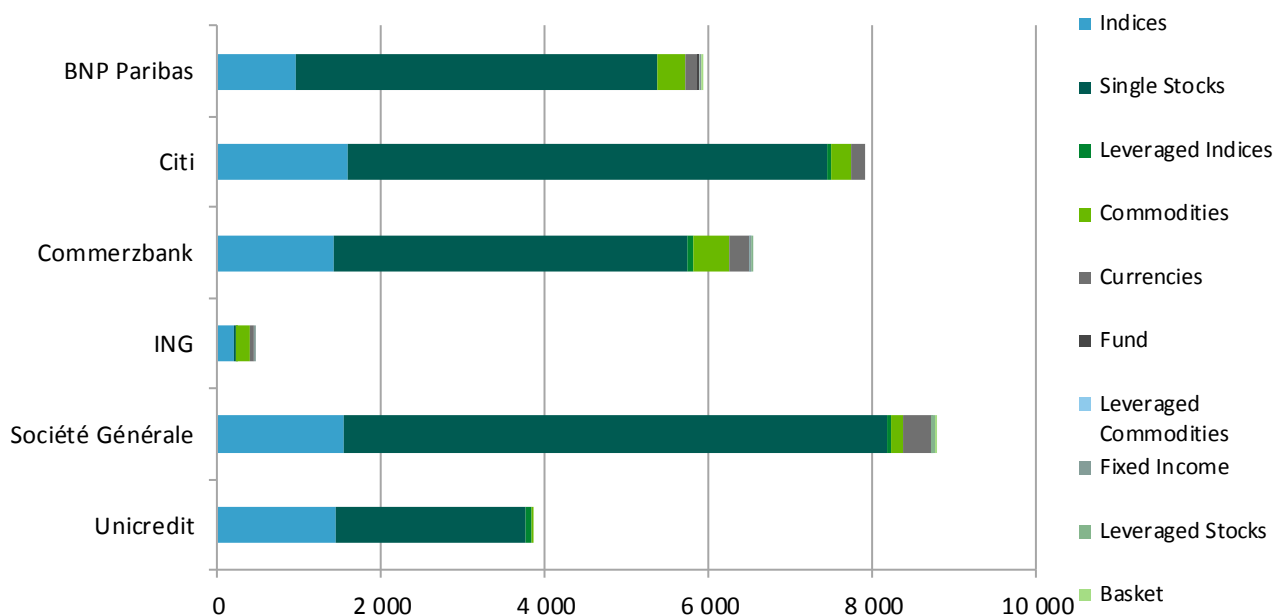
Product types

The chart below displays the number of existing product listings per product type for each issuer active on Euronext Paris.



Underlying types

The chart below displays the number of existing product listings per underlying type for each issuer active 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.

| Trading symbol | ISIN Code | Product type | Issuer | Name | Number of trades | Value traded (in K€) |
|----------------|--------------|----------------------------|------------------|--------------------|------------------|----------------------|
| SR15Z | DE000CD22134 | Constant Leverage | Commerzbank | CACF_SHTOPENZ | 2,297 | 6,570 |
| S15MS | FR0013135720 | Constant Leverage | Société Générale | CA15S PI 0336S | 962 | 4,604 |
| LG15Z | DE000CZ28ZJ7 | Constant Leverage | Commerzbank | CACF_LEVOPENZ | 1,664 | 4,552 |
| 1960C | DE000CX66ZZ8 | Leveraged KO | Citi | CAC40 5400TS 0317C | 39 | 4,491 |
| LM15S | FR0013188612 | Pure indexation | Société Générale | C15LE PI 0736S | 658 | 4,179 |
| 2124S | FR0010511535 | Pure indexation | Société Générale | BRENT PI OPENS | 369 | 3,535 |
| P020S | LU1416200373 | Leveraged KO | Société Générale | CAGRI 7.25TL 1216S | 101 | 2,983 |
| LV15Z | DE000CD5NZY1 | Constant Leverage | Commerzbank | CACF_LEVOPENZ | 789 | 2,692 |
| U995B | NL0011467303 | Vanilla warrant | BNP Paribas | ETDD 45.21C 1026B | 13 | 2,136 |
| L10MS | FR0013101565 | Constant Leverage | Société Générale | CA10L PI OPENS | 559 | 1,932 |
| 7731S | FR0010961078 | Constant Leverage | Société Générale | CAC5L PI OPENS | 360 | 1,850 |
| S10MS | FR0013135753 | Constant Leverage | Société Générale | CA10S PI 0336S | 288 | 1,560 |
| 7J65Z | DE000CX66SU4 | Vanilla warrant | Commerzbank | CAC40 4500C 0117Z | 96 | 1,433 |
| H874Z | DE000CD07AJ1 | Vanilla warrant | Commerzbank | CAC40 4600C 1216Z | 120 | 1,385 |
| 0102T | DE000HV1M3J5 | Leveraged KO | Unicredit | CAC40 5375TS 0117T | 5 | 1,327 |
| N009S | LU1415907580 | Vanilla warrant | Société Générale | ALPHC 670C 1216S | 84 | 1,248 |
| 4H85Z | DE000CD98YD5 | Leveraged KO | Commerzbank | CAC40 5400TS 0317Z | 7 | 1,219 |
| 0853C | DE000CX66SU4 | Leveraged KO | Citi | DJIND21000TS 0317C | 16 | 1,111 |
| IK11G | NL0011852207 | Leveraged KO open-end BEST | ING | BRENT43.53TCIOPENG | 58 | 998 |
| 3E48Z | FR0013191004 | Capped Bonus | Commerzbank | CASIN 53.5BOC1216Z | 133 | 983 |
| 8J68Z | DE000CD9CKW2 | Vanilla warrant | Commerzbank | CAC40 4500P 1216Z | 63 | 952 |
| SGQ5S | FR0012143824 | Constant Leverage | Société Générale | CAC5S PI OPENS | 169 | 943 |
| 8H29Z | DE000CD98YD5 | Vanilla warrant | Commerzbank | CAC40 4600C 0117Z | 37 | 932 |
| 2125S | FR0010511543 | Pure indexation | Société Générale | WTI PI OPENS | 106 | 903 |
| 9202S | FR0010673350 | Pure indexation Quanto | Société Générale | GOLD PIQOPENS | 102 | 901 |
| SGQ7S | FR0012143873 | Constant Leverage | Société Générale | CAC7S PI OPENS | 296 | 882 |
| CS16S | FR0012496495 | Constant Leverage | Société Générale | CA10S PI OPENS | 445 | 863 |
| 3J65Z | DE000CD9CK18 | Vanilla warrant | Commerzbank | CAC40 4550C 1116Z | 255 | 796 |
| 1H29Z | DE000CD98YD5 | Vanilla warrant | Commerzbank | CAC40 4450C 1016Z | 389 | 796 |
| SH12Z | DE000CD5NZZ8 | Constant Leverage | Commerzbank | CACF_SHTOPENZ | 202 | 776 |
| 6B55Z | DE000CD5MN90 | Vanilla warrant | Commerzbank | CAC40 4400C 1116Z | 54 | 776 |
| 3E71Z | DE000CD5PA68 | Vanilla warrant | Commerzbank | CAC40 4500C 1216Z | 74 | 762 |
| 2277Z | DE000CD20UF0 | Leveraged KO open-end | Commerzbank | VALOU 4.47TCIOPENZ | 37 | 756 |
| S15CC | DE000CX52KN6 | Constant Leverage | Citi | CA15S_SHTOPENC | 77 | 753 |
| 3295C | DE000CX3YWJ7 | Leveraged KO | Citi | CAC40 4260TL 1216C | 51 | 732 |
| E666T | DE000HV1NWQ6 | Leveraged KO | Unicredit | DAX 10000TL 0317T | 1 | 717 |
| 9L18Z | DE000CD9DBH0 | Leveraged KO | Commerzbank | CAC40 4300TL 0317Z | 11 | 699 |
| 8238S | LU1358170238 | Leveraged KO | Société Générale | CAC40 4620TS 1216S | 75 | 694 |
| 4H34Z | DE000CD98YD5 | Vanilla warrant | Commerzbank | CAC40 4400P 0117Z | 70 | 682 |
| 8H24Z | DE000CD9BLQ4 | Spread | Commerzbank | CAC40 4000SWT1116Z | 49 | 677 |
| 8623C | DE000CX51J16 | Leveraged KO | Citi | CAC40 4550TS 1216C | 97 | 665 |
| KN31B | NL0011882501 | Vanilla warrant | BNP Paribas | PEUGO 14.5C 1216B | 142 | 660 |
| 0136T | DE000HV1M3K3 | Leveraged KO | Unicredit | CAC40 5400TS 0117T | 2 | 648 |
| 0947C | DE000CX068K6 | Leveraged KO | Citi | CAC40 4900TS 1216C | 48 | 648 |
| 2G29Z | DE000CD5Q7C2 | Leveraged KO open-end BEST | Commerzbank | ESTX 2865TL OPENZ | 28 | 646 |
| 3H85Z | DE000CD9BYC7 | Leveraged KO | Commerzbank | CAC40 5500TS 0317Z | 3 | 639 |
| D738Z | DE000CD23496 | Vanilla warrant | Commerzbank | SOGEN 34C 1216Z | 32 | 625 |
| 4917C | DE000CX3ZF00 | Vanilla warrant | Citi | VALOU 4.75C 1216C | 82 | 612 |
| MG73B | FRBNPP004J33 | Leveraged KO | BNP Paribas | CAC40 4850TS 0317B | 25 | 609 |
| 6940S | FR0011119395 | Constant Leverage | Société Générale | CAC7L PI OPENS | 110 | 609 |

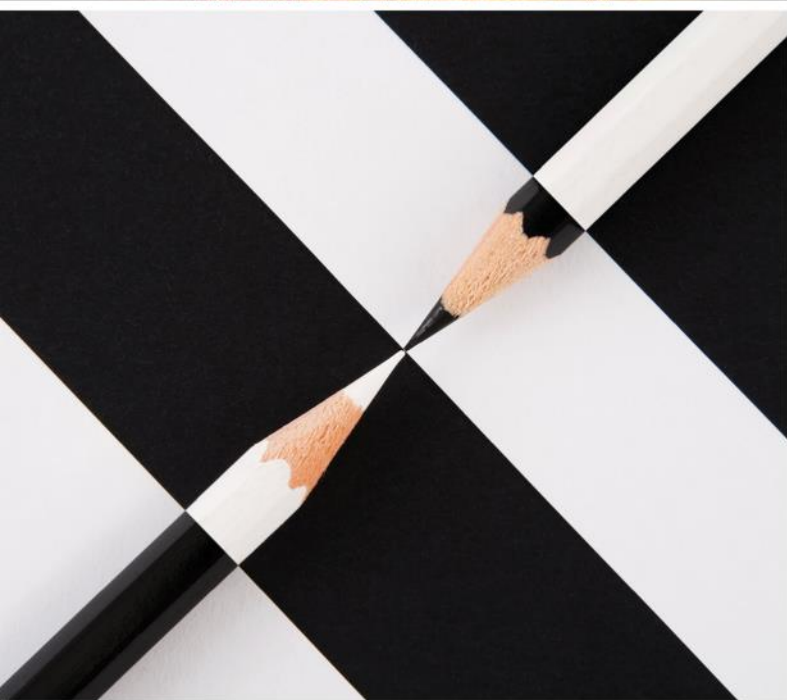
(Source: Euronext)



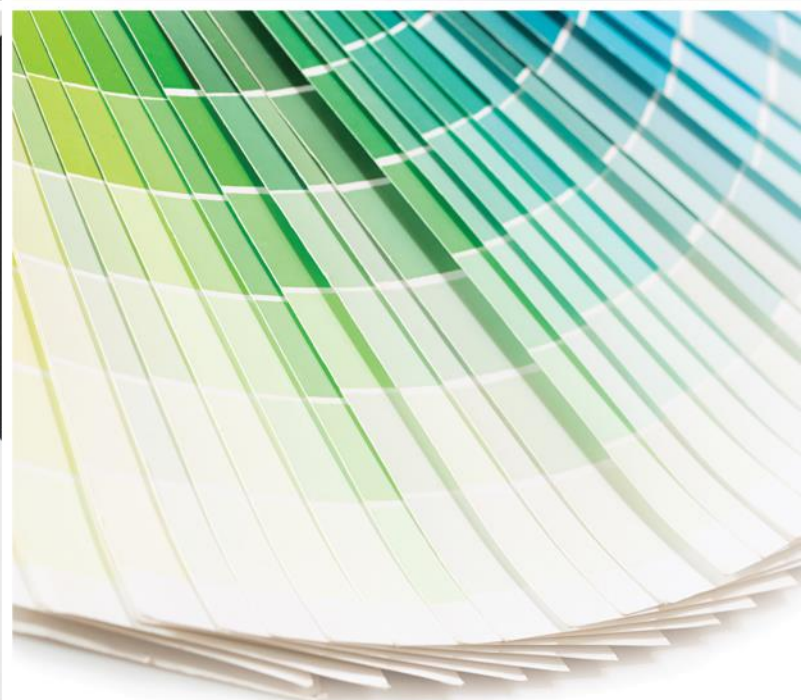
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