

European Cash Market Monthly Activity

| | | | | | | | | |
|------------------------|---------------------|---------------------|--|---------------------|--|------------------------|------------------------|--|
| Nb trading days | May-20 20 | Apr-20 20 | | May-19 22 | | YTD 2020 104 | YTD 2019 105 | |
|------------------------|---------------------|---------------------|--|---------------------|--|------------------------|------------------------|--|

NUMBER OF TRANSACTIONS (Buy and sells) (reported trades included)

| | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | YTD 2020 | YTD 2019 | Change % YTD |
|--------------------------------|------------|------------|-----------------|------------|-----------------|-------------|-------------|-----------------|
| Total Cash Market ¹ | 56 715 908 | 60 565 180 | -6,4% | 41 603 166 | 36,3% | 337 394 020 | 195 747 748 | 72,4% |
| ADV Cash Market ¹ | 2 835 795 | 3 028 259 | -6,4% | 1 891 053 | 50,0% | 3 244 173 | 1 864 264 | 74,0% |

TRANSACTION VALUE (€ million - Single counted)

| | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | YTD 2020 | YTD 2019 | Change % YTD |
|--------------------------------|-----------|-----------|-----------------|-----------|-----------------|-------------|-----------|-----------------|
| Eur million | | | | | | | | |
| Total Cash Market ¹ | 181 728,3 | 192 069,7 | -5,4% | 180 641,3 | 0,6% | 1 177 311,9 | 860 401,2 | 36,8% |
| ADV Cash Market ¹ | 9 086,4 | 9 603,5 | -5,4% | 8 211,0 | 10,7% | 11 320,3 | 8 194,3 | 38,1% |

LISTINGS ⁴

| | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | December 2019 | Change % |
|--------------------------------------|--------|--------|-----------------|--------|-----------------|---------------|----------|
| Number of Issuers on Equities | | | | | | | |
| EURONEXT ² | 1 460 | 1 460 | 0,0% | 1 482 | -1,5% | 1465 | -0,3% |
| SMEs | 1 111 | 1 111 | 0,0% | 919 | 20,9% | 1092 | 1,7% |
| Number of Listed Securities | | | | | | | |
| Bonds | 47 504 | 47 327 | 0,4% | 44 287 | 7,3% | 47 580 | -0,2% |
| ETFs | 1 273 | 1 260 | 1,0% | 1 200 | 6,1% | 1 240 | 2,7% |
| Funds | 4 641 | 4 658 | -0,4% | 5 002 | -7,2% | 6 190 | -25,0% |

EURONEXT

CAPITAL RAISED on Equities on Primary and Secondary Market

| (mln of €) | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | YTD 2020 | YTD 2019 | Change % YTD |
|--|---------|---------|-----------------|---------|-----------------|----------|----------|-----------------|
| Nb New Listings | 3 | 3 | | 6 | | 15 | 13 | |
| Money Raised New Listings ^{incl over allotment} | 2 487 | 14 | 17556,0% | 36 | 6835,6% | 2 758 | 1 060 | 160,2% |
| of which Money Raised New Listings | 2 466 | 14 | 17409,8% | 36 | 6778,2% | 2 728 | 1 060 | 157,5% |
| Follow-ons on Equities | 10 197 | 1 890 | 439,4% | 2 698 | 277,9% | 23 163 | 12 427 | 86,4% |
| Bonds | 88 032 | 154 360 | -43,0% | 102 793 | -14,4% | 563 614 | 505 823 | 11,4% |
| Total Money Raised ³ | 100 717 | 156 264 | -35,5% | 105 527 | -4,6% | 589 535 | 519 310 | 13,5% |

of which SMEs

CAPITAL RAISED on Equities on Primary and Secondary Market

| (mln of €) | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | YTD 2020 | YTD 2019 | Change % YTD |
|--|--------|--------|-----------------|--------|-----------------|----------|----------|-----------------|
| Nb New Listings | 2 | 3 | | 6 | | 13 | 12 | |
| Money Raised New Listings ^{incl over allotment} | 237 | 14 | 1582,8% | 36 | 561,0% | 508 | 84 | 506,3% |
| of which Money Raised New Listings | 216 | 14 | 1436,7% | 36 | 503,6% | 478 | 84 | 471,0% |
| Follow-ons on Equities | 265 | 38 | 597,8% | 240 | 10,2% | 1 175 | 1 815 | -35,3% |
| Bonds | 0 | 0 | - | 160 | - | 375 | 190 | 97,4% |
| Total Money Raised ³ | 502 | 52 | 864,5% | 436 | 15,1% | 2 058 | 2 089 | -1,5% |

¹ Shares, warrants, ETFs, bonds...

² Euronext, Euronext Growth and Euronext Access

³ Included New Listings incl over allotment, Follow-ons on Equities, Corporate Bonds on Euronext Listed Issuers

European Derivatives Market Monthly Activity

Nb trading days **May-20** 20 **Apr-20** 20 **May-19** 22 **YTD 2020** 104 **YTD 2019** 105

Volume (in lots)

| | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | Jan 2020 till May 2020 | Jan 2019 till May 2019 | Change % YTD |
|--------------------------|-------------------|-------------------|-----------------|-------------------|---------------|---------------------------|---------------------------|-----------------|
| Equity | 12 345 763 | 14 045 702 | -12,1% | 11 883 501 | 3,9% | 75 486 255 | 58 341 360 | 29,4% |
| Index | 3 858 918 | 3 549 197 | 8,7% | 5 836 140 | -33,9% | 29 155 873 | 25 218 445 | 15,6% |
| Futures | 2 487 335 | 2 316 087 | 7,4% | 4 073 170 | -38,9% | 19 898 795 | 17 584 844 | 13,2% |
| Options | 1 371 583 | 1 233 110 | 11,2% | 1 762 970 | -22,2% | 9 257 078 | 7 633 601 | 21,3% |
| Individual Equity | 8 486 845 | 10 496 505 | -19,1% | 6 047 361 | 40,3% | 46 330 382 | 33 122 915 | 39,9% |
| Futures | 3 996 144 | 5 766 805 | -30,7% | 385 965 | >500% | 15 329 343 | 1 422 801 | >500% |
| Options | 4 490 701 | 4 729 700 | -5,1% | 5 661 396 | -20,7% | 31 001 039 | 31 700 114 | -2,2% |
| Commodity | 812 254 | 1 367 902 | -40,6% | 1 282 610 | -36,7% | 7 108 283 | 5 503 913 | 29,1% |
| Futures | 739 552 | 1 247 124 | -40,7% | 1 159 990 | -36,2% | 6 534 804 | 5 113 109 | 27,8% |
| Options | 72 702 | 120 778 | -39,8% | 122 620 | -40,7% | 573 479 | 390 804 | 46,7% |
| TM Derivatives | 50 165 | 46 035 | 9,0% | 99 387 | -49,5% | 707 490 | 629 762 | 12,3% |
| Futures | 50 165 | 46 035 | 9,0% | 98 817 | -49,2% | 707 490 | 628 542 | 12,6% |
| Options | 0 | 0 | | 570 | | 0 | 1 220 | |
| Total Futures | 7 273 196 | 9 376 051 | -22,4% | 5 717 942 | 27,2% | 42 470 432 | 24 749 296 | 71,6% |
| Total Options | 5 934 986 | 6 083 588 | -2,4% | 7 547 556 | -21,4% | 40 831 596 | 39 725 739 | 2,8% |
| Total Euronext | 13 208 182 | 15 459 639 | -14,6% | 13 265 498 | -0,4% | 83 302 028 | 64 475 035 | 29,2% |

ADV (in lots)

| | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | Jan 2020 till May 2020 | Jan 2019 till May 2019 | Change % YTD |
|--------------------------|----------------|----------------|-----------------|----------------|---------------|---------------------------|---------------------------|-----------------|
| Equity | 617 288 | 702 285 | -12,1% | 540 159 | 14,3% | 725 829 | 555 632 | 30,6% |
| Index | 192 946 | 177 460 | 8,7% | 265 279 | -27,3% | 280 345 | 240 176 | 16,7% |
| Futures | 124 367 | 115 804 | 7,4% | 185 144 | -32,8% | 191 335 | 167 475 | 14,2% |
| Options | 68 579 | 61 656 | 11,2% | 80 135 | -14,4% | 89 010 | 72 701 | 22,4% |
| Individual Equity | 424 342 | 524 825 | -19,1% | 274 880 | 54,4% | 445 484 | 315 456 | 41,2% |
| Futures | 199 807 | 288 340 | -30,7% | 17 544 | >500% | 147 398 | 13 550 | >500% |
| Options | 224 535 | 236 485 | -5,1% | 257 336 | -12,7% | 298 087 | 301 906 | -1,3% |
| Commodity | 40 613 | 68 395 | -40,6% | 58 300 | -30,3% | 68 349 | 52 418 | 30,4% |
| Futures | 36 978 | 62 356 | -40,7% | 52 727 | -29,9% | 62 835 | 48 696 | 29,0% |
| Options | 3 635 | 6 039 | -39,8% | 5 574 | -34,8% | 5 514 | 3 722 | 48,2% |
| TM Derivatives | 2 508 | 2 302 | 9,0% | 4 518 | -44,5% | 6 803 | 5 998 | 13,4% |
| Futures | 2 508 | 2 302 | 9,0% | 4 492 | -44,2% | 6 803 | 5 986 | 13,6% |
| Options | 0 | 0 | | 26 | | 0 | 12 | |
| Total Futures | 363 660 | 468 803 | -22,4% | 259 906 | 39,9% | 408 370 | 235 708 | 73,3% |
| Total Options | 296 749 | 304 179 | -2,4% | 343 071 | -13,5% | 392 612 | 378 340 | 3,8% |
| Total Euronext | 660 409 | 772 982 | -14,6% | 602 977 | 9,5% | 800 981 | 614 048 | 30,4% |

Open Interest

| | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY |
|--------------------------|-------------------|-------------------|-----------------|-------------------|---------------|
| Equity | 20 537 386 | 20 925 818 | -1,9% | 18 385 337 | 11,7% |
| Index | 1 721 743 | 1 529 676 | 12,6% | 1 825 732 | -5,7% |
| Futures | 796 768 | 659 026 | 20,9% | 858 838 | -7,2% |
| Options | 924 975 | 870 650 | 6,2% | 966 894 | -4,3% |
| Individual Equity | 18 815 643 | 19 396 142 | -3,0% | 16 559 605 | 13,6% |
| Futures | 2 407 619 | 4 141 837 | -41,9% | 335 945 | >500% |
| Options | 16 408 024 | 15 254 305 | 7,6% | 16 223 660 | 1,1% |
| Commodity | 683 966 | 679 428 | 0,7% | 611 445 | 11,9% |
| Futures | 455 400 | 460 897 | -1,2% | 409 283 | 11,3% |
| Options | 228 566 | 218 531 | 4,6% | 202 162 | 13,1% |
| TM Derivatives | 245 542 | 222 187 | 10,5% | 254 128 | -3,4% |
| Futures | 245 542 | 222 187 | 10,5% | 253 308 | -3,1% |
| Options | 0 | 0 | | 820 | |
| Total Futures | 3 905 329 | 5 483 947 | -28,8% | 1 857 374 | 110,3% |
| Total Options | 17 561 565 | 16 343 486 | 7,5% | 17 393 536 | 1,0% |
| Total Euronext | 21 466 894 | 21 827 433 | -1,7% | 19 250 910 | 11,5% |

R : Revised

Euronext FX ¹

| | | | | | |
|------------------------|---------------------|---------------------|---------------------|------------------------|------------------------|
| <i>Nb trading days</i> | <i>May-20</i> 21 | <i>Apr-20</i> 22 | <i>May-19</i> 23 | <i>YTD 2020</i> 107 | <i>YTD 2019</i> 108 |
|------------------------|---------------------|---------------------|---------------------|------------------------|------------------------|

Euronext FX Volume (in USD millions, single counted)

| | May-20 | Apr-20 | Change % MOM | May-19 | Change % YOY | YTD 2020 | YTD 2019 | Change % YTD |
|--------------------------|---------|---------|-----------------|---------|-----------------|-----------|-----------|-----------------|
| Total Euronext FX Market | 409 773 | 446 273 | -8,2% | 397 063 | 3,2% | 2 511 625 | 1 995 258 | 25,9% |
| ADV Euronext FX Market | 19 513 | 20 285 | -3,8% | 17 264 | 13,0% | 23 473 | 18 475 | 27,1% |

¹ formerly known as FastMatch