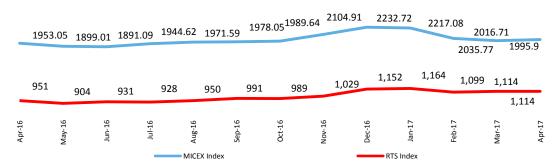
SECURITIES MARKET (STOCKS, RDRS, AND INVESTMENT FUND UNITS)

VALUE TRADED IN STOCKS, RDRS AND INV. FUNDS UNITS



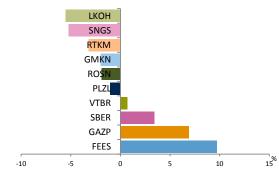
The trading volume of stocks totalled RUB 718 bn in April. The average daily trading volume was RUB 35.9 bln, down 6% MoM. The T+2 sector made up 91.4% of the total secondary market trading volume and the TO sector accounted for 8.6%.

MICEX INDEX AND RTS INDEX PERFORMANCE



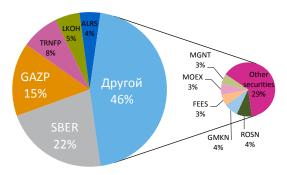
The MICEX Index was up 1% MoM to 2,016.71 at the end of April from 1,995.9 at the end of March. The dollar-denominated RTS Index was up 0.1% to 1,114.43 from 1,113.76. The cash equity market's capitalisation depreciated 2% to USD 608 bln from USD 621 bln.

MONTHLY CHANGES IN BLUE CHIPS' CLOSING PRICES



The following blue chips were down in April: Lukoil ords, by 5.5% (to RUB 2,818 per share), Surgutneftegas ords, by 5.2% (to RUB 27.91 per share), Rostelecom ords, by 3.2% (to RUB 74.5 per share), Norilsk Nickel ords, by 2% (to RUB 8,747 per share), Rosneft ords, by 1.9% (to RUB 317.25 per share), Polyus Gold ords, by 1% (to RUB 4,405 per share). The following blue chip shares were up in April: VTB Bank ords, by 0.7% (to RUB 0.06671 per share), Sberbank ords, by 3.4% (to RUB 165.2 per share), Gazprom ords, by 6.9% (to RUB 136.75 per share), FGC UES ords, by 9.7% (to RUB 0.1964 per share).

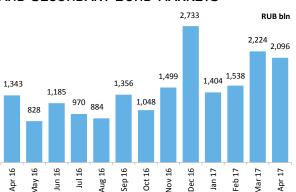
MONTHLY BEST SELLERS



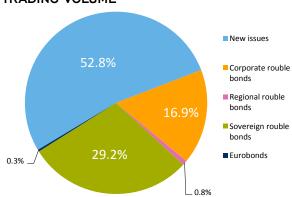
This month's most traded stocks were Sberbank ords (SBER) with a turnover of RUB 156 bln (22% of the total), followed by Gazprom (GAZP) with RUB 110.2 bln (15%), Transneft (TRNFP) with RUB 57 bln (8%), Lukoil (LKOH) with RUB 36.9 bln (5%) and Alrosa (ALRS) with RUB 31.4 bln (4%). Other securities' turnover totalled RUB 326.7 bln (46% of the total trading volume).

CORPORATE, REGIONAL, AND SOVEREIGN ROUBLE BONDS, AND EUROBONDS

TOTAL VALUE TRADED ON PRIMARY AND SECONDARY BOND MARKETS



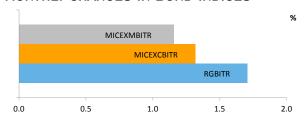
TRADING VOLUME



The bond market's trading volume totalled RUB 2,096 bln in April. The average daily trading volume was RUB 103.2 bln, up 2.4% MoM. Secondary market turnover in corporate ruble bonds was RUB 347.4 bln (16.8% of the total trading volume). Regional ruble bonds' turnover was RUB 17.2 bln (0.8%), Sovereign ruble bonds saw RUB 601.4 bln (29.1%), while Eurobonds had RUB 6.9 bln (0.3%). The total volume of new issues placed was RUB 1,086.6 bln (52.7%).

MONTHLY CHANGES IN BOND INDICES

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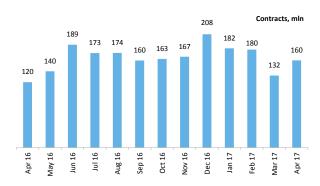


The Russian Government Bond Index (RGBITR) grew 1.71% in April to 434.76 (from 427.47 at the end of March). The MICEX Municipal Bond Index (MICEXMBITR) was up 1.16% to 228.06 (from 225.45). The MICEX Corporate Bond Index (MICEXCBITR) was up 1.32% to 330.49 (from 326.19).

DERIVATIVES MARKET

DERIVATIVES MARKET TRADING VOLUME



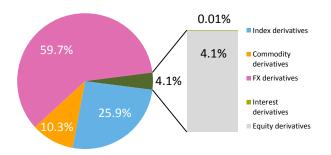


DERIVATIVES MARKET OPEN INTEREST



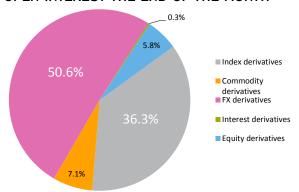


TRADING VOLUME BY UNDERLYING ASSET



The total value traded on the Moscow Exchange's Derivatives Market in April was RUB 6.6 trln, or 120 mln contracts. The average daily value was RUB 330 bln, down 16.5% MoM. The total open interest at the end of the month was RUB 700 bln, or 13 mln contracts. Index derivatives made up 32.6% of the total trading volume (RUB 2.2 trln), securities derivatives constituted 4.1% (RUB 270.7 bln), FX derivatives made up 50.3% (RUB 3.3 trln), interest derivatives came to 0.02% (RUB 1.1 bln), and commodity derivatives were 13% (RUB 856.8 trln).

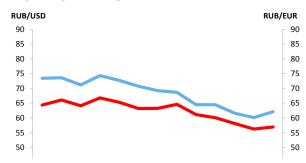
OPEN INTEREST THE END OF THE MONTH



Open interest was RUB 700 bln at the end of April, of which: RUB 353.9 bln (50.6%) were FX contracts; RUB 254 bln (36.3%) were index contracts; RUB 49.5 bln (7.1%) were commodities contracts; RUB 1.9 bln (0.3%) were interest contracts; and RUB 40.3 bln (5.8%) were equity contracts.

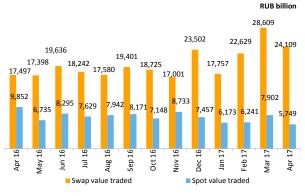
FX AND MONEY MARKET

EXCHANGE RATES

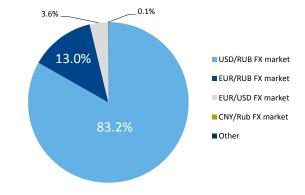


The USD and EUR appreciated against the RUB in April. The USD with next day settlement added RUB 0.69 (1.2%) to RUB 56.91. The EUR with next day settlement strengthened RUB 2 (3.3%) to RUB 62.13 at the end of April.

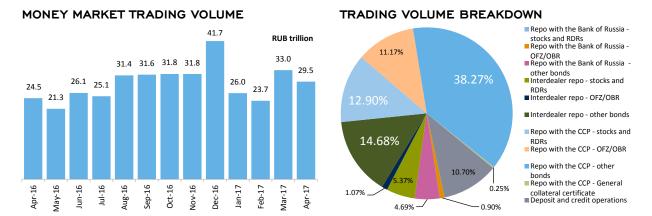
FX MARKET TRADING VOLUME



TRADING VOLUME



The FX market's trading volume totalled RUB 29.9 trln in April. The average daily trading volume was RUB 1.5 trln, down 10.2% MoM. Spot trading reached RUB 5.7 trln, or 19.2% of the total trading volume. Swap operations accounted for 80.8% of the total trading volume (RUB 24.2 trln). USD/RUB transactions made up 83.2% of the total trading volume, with a total value of RUB 24.9 trln; EUR/RUB came to RUB 3.9 trln (13%); EUR/USD totalled RUB 1 trln (3.6%), and CNY/RUB were RUB 19.4 bln (0.1%). Other instruments were traded for RUB 12.5 bln.



The Money Market's trading volume was RUB 29.5 trln in April. The average daily trading volume decreased 1.7% MoM to RUB 1.5 trln. Direct repo with the CBR came to RUB 265 bln (0.9%) for OFZs and OBRs, and RUB 1.4 trln (4.7%) for other bonds. Interdealer repo transactions totalled RUB 1.6 trln (5.4% of the total trading volume) for stocks and RDRs, RUB 314 bln (1.1%) for OFZs and OBRs, and RUB 4.3 trln (14.7%) for other bonds. Repo transactions with the CCP came to RUB 3.8 trln (12.9% of the total) for stocks and RDRs, RUB 3.3 trln (11.2%) for OFZs and OBRs, RUB 11.3 trln (38.3%) for other bonds, and RUB 72.3 bln (0.2%) for general collateral certificates (GCC). Deposit and credit transactions totalled RUB 3.2 trln (10.7%).

RUB bln

Apr

COMMODITIES MARKET

GRAIN INTERVENTIONS TRADING VOLUME

2.2

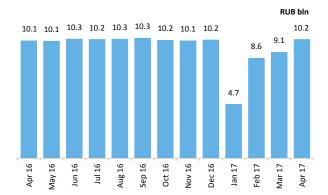
Nov 16 Dec 16 Jan 17

0.0 0.0 0.0 0.0

Feb

3.3

PRECIOUS METALS TRADING VOLUME



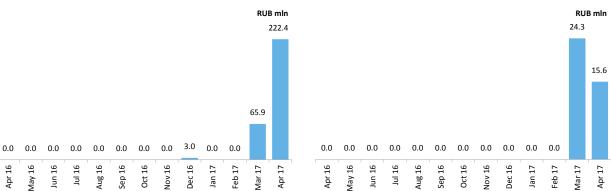
GRAIN MARKET VOLUMES

Jul :
Jul :
Sep :

0.1 0.0 0.0 0.0 0.0

Apr





The Commodities Market's trading volume was RUB 10.5 bln in April. Trading volume was RUB 10.2 bln (99% of the total trading volume) for precious metals, RUB 15.6 mln for the sugar market and RUB 222.4 mln for grain. No grain interventions were held.

Appendix 1

MOSCOW EXCHANGE GROUP MONTHLY MARKET REPORT: APRIL 2017

| | Ap | April | | March | |
|--|-----------------|-----------|-----------------|-----------|------------------------|
| Market | Trading volume, | Number of | Trading volume, | Number of | Change in trading |
| | bln RUB | trades | bln RUB | trades | volume, % |
| Secondary securities market (stocks, RDRs and fu | und units) | | | | |
| T+2 | 655.2 | 9,253.4 | 808.1 | 11,331.2 | -18.9 |
| TO | 61.6 | 1.0 | 31.5 | 0.5 | 95.6 |
| Primary market | 1.4 | 0.1 | 0.0 | 0.0 | - |
| Total | 718.2 | 9,254.5 | 839.6 | 11,331.7 | -14.5 |
| Bond market | | | | | |
| Corporate bonds | 347.4 | 53.5 | 450.7 | 51.8 | -22.9 |
| Regional bonds | 17.2 | 8.9 | 25.8 | 9.3 | -33.4 |
| Government bonds | 601.4 | 65.3 | 584.6 | 64.3 | 2.9 |
| Eurobonds | 6.9 | 3.0 | 7.7 | 3.3 | -11.1 |
| IFI bond | 4.0 | 0.0 | 0.0 | 0.0 | 80,967.5 |
| Bond placements | 1,086.6 | 6.8 | 1,148.7 | 2.1 | -5.4 |
| Total | 2,063.4 | 137.5 | 2,217.5 | 131.0 | -6.9 |
| Derivatives market | | | | | |
| Index derivatives | 2,149.8 | 5,975.2 | 2,668.4 | 7,356.9 | -19.4 |
| Cash Equity derivatives | 270.7 | 3,543.4 | 315.1 | 3,523.0 | -14.1 |
| FX derivatives | 3,313.8 | 10,457.2 | 4,519.1 | 13,558.5 | -26.7 |
| Interest rate derivatives | 1.1 | 0.8 | 2.2 | 1.2 | -46.9 |
| Commodity derivatives | 856.8 | 1,872.7 | 1,181.7 | 2,753.9 | -27.5 |
| Total | 6,592.2 | 21,849.3 | 8,686.4 | 27,193.6 | -24.1 |
| FX market | ., | , | ., | , | |
| USD/RUB (spot) | 5,066.7 | 953.6 | 7,085.7 | 1,321.9 | -28.5 |
| EUR/RUB (spot) | 592.3 | 149.5 | 705.5 | 199.6 | -16.1 |
| EUR/USD (spot) | 78.2 | 7.7 | 127.8 | 8.5 | -38.8 |
| CNY/RUB (spot) | 7.8 | 2.4 | 13.1 | 3.7 | -40.8 |
| Other (spot) | 4.0 | 2.1 | 4.9 | 2.3 | -17.7 |
| USD/RUB (swap) | 19,845.1 | 142.3 | 24,064.5 | 159.9 | –17.7 |
| EUR/RUB (swap) | 3,314.7 | 31.0 | 3,910.5 | 36.7 | -17.3 -15.2 |
| EUR/USD (swap) | 1,009.9 | 2.4 | 728.1 | 2.0 | 38.7 |
| CNY/RUB (swap) | 11.6 | 1.1 | 19.0 | 1.3 | -38.8 |
| Other (swap) | 8.4 | 1.1 | 5.9 | 1.5 | 43.1 |
| Swaps trades | 24,189.7 | 178.0 | 28,728.0 | 201.3 | -15.8 |
| Spot trades | | | 7,937.1 | | -13.6 -27.6 |
| Total | 5,749.0 | 1,115.3 | • | 1,536.0 | -27.6 - 18.3 |
| | 29,938.7 | 1,293.2 | 36,665.1 | 1,737.3 | -10.3 |
| Money market | 0.0 | 0.0 | 0.0 | 0.0 | |
| Repo with the Bank of Russia - stocks and RDRs | 0.0 | 0.0 | 0.0 | 0.0 | 20.2 |
| Repo with the Bank of Russia - OFZ/OBR | 265.2 | 0.6 | 436.3 | 0.4 | -39.2 |
| Repo with the Bank of Russia - other bonds | 1,382.9 | 2.1 | 776.1 | 2.1 | 78.2 |
| Interdealer repo - stocks and RDRs | 1,584.4 | 46.7 | 1,948.5 | 50.7 | -18.7 |
| Interdealer repo - OFZ/OBR | 314.5 | 0.8 | 375.7 | 1.0 | -16.3 |
| Interdealer repo - other bonds | 4,327.8 | 11.9 | 5,068.5 | 13.8 | -14.6 |
| Repo with the CCP - stocks and RDRs | 3,802.9 | 55.9 | 4,278.2 | 59.4 | -11.1 |
| Repo with the CCP - OFZ/OBR | 3,293.1 | 14.4 | 3,189.0 | 14.5 | 3.3 |
| Repo with the CCP - other bonds | 11,281.3 | 21.4 | 13,799.4 | 24.8 | -18.2 |
| Repo with the CCP - General collateral certificate | 72.3 | 0.8 | 62.2 | 0.8 | 16.4 |
| Deposit and credit operations | 3,154.3 | 4.4 | 3,042.4 | 4.6 | 3.7 |
| Total | 29,478.6 | 159.1 | 32,976.4 | 172.0 | -10.6 |
| Commodities market | | | | | |
| Interventions | 0.0 | 0.00 | 0.0 | 0.00 | _ |
| Grain market | 0.2 | 0.03 | 0.1 | 0.02 | 237.5 |
| Sugar market | 0.0 | 0.02 | 0.0 | 0.03 | -35.8 |
| Precious metals market | 10.2 | 0.00 | 9.1 | 0.00 | 12.0 |
| Srandartised OTC derivatives market | 0.0 | 0.0 | 20.3 | 0.0 | -100.0 |
| Total | 68,801.4 | 32,693.7 | 81,414.4 | 40,565.5 | -15.5 |

Appendix 2

MOSCOW EXCHANGE GROUP MONTHLY MARKET REPORT: APRIL 2017

| E.A | Value i | n points | Q1 Q1 | YTD change, % |
|---|----------------|-----------------|------------|---------------|
| Index | April | March | Change, % | |
| Equity Indices | | | | |
| Main Equity indices: | | | | |
| MICEX Index (MICEXINDEXCF) | 2,016.71 | 1,995.90 | 1.04 | -4.19 |
| RTS Index (RTSI) | 1,114.43 | 1,113.76 | 0.06 | 8.30 |
| Blue Chip Index (RTSSTD) | 13,074.91 | 12,953.76 | 0.94 | -5.20 |
| Second-Tier Index (MICEXSC) | 6,243.27 | 6,084.79 | 2.60 | 7.96 |
| Broad Market Index (MICEXBMI) | 1,438.11 | 1,422.69 | 1.08 | -3.97 |
| Sectoral Indices: | | | | |
| Oil & Gas (MICEXO&G) | 4,996.42 | 4,929.22 | 1.36 | -4.76 |
| Electric Utilities (MICEXPWR) | 1,893.07 | 1,905.64 | -0.66 | -2.40 |
| Consumer goods & Retail (MICEXCGS) | 6,100.98 | 6,198.16 | -1.57 | -10.12 |
| Telecommunication (MICEXTLC) | 1,789.22 | 1,810.66 | -1.18 | 10.16 |
| Industrials (MICEXMNF) | 1,615.03 | 1,717.81 | -5.98 | -0.78 |
| Financials (MICEXFNL) | 7,772.40 | 7,672.80 | 1.30 | -0.19 |
| Chemicals (MICEXCHM) | 14,179.23 | 14,237.27 | -0.41 | -2.77 |
| Metals & Mining (MICEXM&M) | 5,330.08 | 5,285.06 | 0.85 | -3.33 |
| Transport (MICEXTRN) | 2,077.05 | 1,954.17 | 6.29 | 19.80 |
| Thematic indices: | | | | |
| MICEX10 Index (MICEX10INDEX) | 4,428.91 | 4,365.59 | 1.45 | -5.01 |
| MICEX Innovation Index (MICEXINNOV) | 386.77 | 416.61 | -7.16 | -3.38 |
| RTS Siberia Index (RTSSIB) | 845.10 | 838.57 | 0.78 | -1.11 |
| Bond Indices | | | | |
| Russian Government Bond Index (RGBITR) | 434.76 | 427.47 | 1.71 | 8.07 |
| Micex Corporate Bond Index (MICEXCBITR) | 330.49 | 326.19 | 1.32 | 5.61 |
| Micex Municipal Bond Index (MICEXMBITR) | 228.06 | 225.45 | 1.16 | 3.80 |
| Pension Indices: | | | | |
| Conservative (RUPCI) | 2,134.76 | 2,112.33 | 1.06 | 4.86 |
| Moderate (RUPMI) | 1,888.28 | 1,871.38 | 0.90 | 3.15 |
| Aggressive (RUPAI) | 1,650.73 | 1,639.35 | 0.69 | 0.91 |
| | | | | |
| | Value i | Value in points | | YTD change, % |
| | 28 April 2017 | 31 March 2017 | | |
| Exchange rates | F. C. C. C. | F. ()) | 1.0 | |
| USD/RUB EUR/RUB | 56.91 62.13 | 56.22 60.12 | 1.2 3.3 | -6.9 -3.6 |
| CHY/RUB | 8.26 | 8.15 | 1.4 | -3.6 -6.9 |
| OTTI NOD | 0.20 | 0.15 | 1.7 | 0.9 |