Top Market Participants Factsheet

- 1. Top Market Participants trading members of Moscow Exchange with the largest monthly trading volume of equities, corporate bonds, government bonds, client trading volume and the largest number of clients, and clients of trading members with the largest number of Individual Investment Accounts.
- 2. Top Market Participants for each month are published at the beginning of the following month. The same conditions apply to all trading members, prior consent from members is not required.
- 3. The list and structure of Top Market Participants are determined by Moscow Exchange and can be adjusted according to recommendations of Moscow Exchange's user committees.
- 4. If some trading members belong to the same group of companies, their figures may be summarized and published under the group umbrella.
- 5. Historical Top Market Participants data are published on the Moscow Exchange's website.

Nº	List of Top Market Participants		Trading modes
1.	Equities and Funds: main trading mode T+, negotiated trades and CCP negotiated trades Trading members are ranked by total volume of equities (ordinary and preferred shares, RDRs and DRs representing shares), funds and ETF traded for a month in these trading modes. Top-50	Main trading mode T+	T+: Shares and DRs USD T+: stocks, DRs T+: D stocks T+: Odd lot trading T+: investment funds T+: ETF USD, EUR T+: ETF T+: D-level Shares (USD) T+: FRGN stocks, DRs
		Negotiated trades	Neg. deals: D stocks Neg. deals: stocks Neg. deals: Shares and DRs USD Neg. deals: investment funds Neg. deals: ETF USD, EUR Neg. deals: ETF Neg. deals: FRGN stocks
		CCP negotiated trades	NDM with CCP: D stocks NDM with CCP: stocks, DRs Neg.deals CCP: Shares,DRs USD NDM with CCP: investment funds NDM with CCP: ETF USD, EUR NDM with CCP: ETF NDM with CCP: D stocks USD NDM with CCP: FRGN stocks, DRs
2.	Equities and Funds: main trading mode T+ Trading members are ranked by total volume of equities (ordinary and preferred shares, RDRs and DRs representing shares), funds and ETF traded for a month in these trading modes. Top-50	Main trading mode T+	T+: Shares and DRs USD T+: stocks, DRs T+: D stocks T+: Odd lot trading T+: investment funds T+: ETF USD
			T+: ETF T+: D-level Shares (USD) T+: FRGN stocks, DRs
3.	Additional Trading session Equities and Funds: main trading mode T+ Trading members are ranked by total volume of equities (ordinary and preferred shares, RDRs and DRs representing shares), funds and ETF traded for a month in these trading modes. Top-30	Main trading mode T+ Additional Trading session	T+: Shares and DRs T+: FRGN stocks, DRs T+: Odd lot trading
4.	Foreign Shares: main trading mode T+, negotiated trades and CCP negotiated trades	Main trading mode T+	T+: FRGN stocks, DRs
	Trading members are ranked by total volume of foreign equities traded for a month in these trading modes.	Negotiated trades	Neg. deals: FRGN stocks
	Top-15	CCP negotiated trades	NDM with CCP: FRGN stocks, DRs
5.	Equities and Funds: repo trades Trading members are ranked by total volume of equities (ordinary and preferred shares, RDRs and DRs representing shares), funds and ETF traded for a month in these trading modes (based on the first leg of repo). Top-50	Repo trades	REPO (USD settle) REPO (EUR settle) REPO with stocks, DRs REPO with stocks (USD settle)

6.	Equities and Funds: CCP repo trades	CCP Repo trades	
	Trading members are ranked by total volume of equities (ordinary and preferred shares, RDRs and DRs representing shares), funds and ETF traded for a month in these trading modes (based on the first leg of repo). Top-50		REPO with CCP 1 day REPO with CCP Negdeal REPO with CCP 1 day USD REPO with CCP 1 day EUR REPO with CCP 7 day REPO with CCP Negdeal USD REPO with CCP Negdeal EUR REPO with CCP 7 day USD REPO with CCP 7 day USD REPO with CCP 7 day EUR
7.	Eurobonds: Main Trading Mode T+	Main trading mode T+	Turkanda
	Trading members are ranked by total volume of Eurobonds traded for a month in these trading modes. Top-10		T+: bonds T+ Bonds USD Qualified invT+ USD Dark Pool bonds
8.	Corporate bonds: main trading mode T0, main trading mode T+,	Main trading mode T0	Bank i doi bondo
0.	negotiated trades and CCP negotiated trades Trading members are ranked by total volume of bonds (corporate bonds and Eurobonds) traded for a month in these trading modes. Top-50 Bank of Russia Bonds are not included in this list since December	Main trading mode 10	Main market: D bonds Main market: bonds EUR Main Market: bonds USD Main market: bonds GBP Main market: bonds Qualified invMain market Main market: bonds CNY
	2018	Main trading mode T+	Wall Market Bonds Civi
			T+: bonds T+ Bonds USD Qualified invT+ USD Dark Pool bonds
		Negotiated trades	
			Neg. deals: D bonds Neg. deals: bonds EUR Neg. deals: bonds USD Neg. deals: bonds GBP Neg. deals: bonds Qualified inv Neg.deals Neg. deals: bonds CNY Anonymous NDM
		CCP negotiated trades	
			NDM with CCP: bonds Neg. deals with CCP: Bonds USD Qualified inv NDM with CCP
9.	Government bonds: negotiated trades, main trading mode T+ and CCP negotiated trades	Negotiated trades	Neg. deals: bonds
	Trading members are ranked by total volume of government bonds traded for a month in these trading modes.	Main trading mode T+	Anonymous NDM
	Top-50		T+: bonds
		CCP negotiated trades	NDM with CCP: bonds
10.	Government bonds: negotiated trades, main trading mode T+	Negotiated trades	
	and CCP negotiated trades		Neg. deals: bonds
	(excluding internal turnover)	Main trading made T:	Anonymous NDM
	Trading members are ranked by total volume of government bonds traded for a month in these trading modes.	Main trading mode T+	T+: bonds
	-	CCP negotiated trades	1+. bonds
	Top-50 Not published from February 2020		NDM with CCP: bonds
11.	Corporate and Government bonds: repo trades	Repo trades	
11.	Trading members are ranked by total volume of bonds (corporate bonds and Eurobonds) and government bonds traded for a month in these trading modes (based on the first leg of repo). Top-50	Nepo trades	REPO (EUR settle) REPO (USD settle) REPO with bonds REPO with bonds (USD settle) REPO with bonds (GBP settle)
12.	Corporate and Government bonds: CCP repo trades	CCP Repo trades	
	Trading members are ranked by total volume of bonds (corporate bonds and Eurobonds) and government bonds traded for a month in these trading modes (based on the first leg of repo). Top-50		REPO with CCP 1 day REPO with CCP Negdeal REPO with CCP 1 day USD REPO with CCP 1 day EUR REPO with CCP 7 day REPO with CCP Negdeal USD REPO with CCP Negdeal EUR REPO with CCP 7 day USD REPO with CCP 7 day USD REPO with CCP 7 day EUR

13.	Bank of Russia Bonds: Main Trading Mode T+, Negotiated Trades and CCP Negotiated Trades	Main trading mode T+	T+: bonds
	Trading members are ranked by total volume of Bank of Russia Bonds traded for a month in these trading modes.	Negotiated trades	Neg. deals: bonds Anonymous NDM
	Top-25 Not published from February 2020	CCP negotiated trades	NDM with CCP: bonds
14.	Equities, Funds, Corporate and Government bonds: CCP repotrades (in foreign currency) Trading members are ranked by total volume of equities (ordinary and preferred shares, RDRs and DRs representing shares), funds and ETF, bonds (corporate bonds and Eurobonds) and government bonds traded for a month in these trading modes (based on the first leg of repo). Top-20	CCP Repo trades	REPO with CCP 1 day USD REPO with CCP 1 day EUR REPO with CCP Negdeal USD REPO with CCP Negdeal EUR REPO with CCP 7 day USD REPO with CCP 7 day EUR
15.	General collateral certificate (GCC): GCC-CCP repo trades	GCC-CCP Repo trades	
	Trading members are ranked by total volume of GCC for a month in these trading modes (based on the first leg of repo). Top-10		REPO with CCP with GCP 1 m. REPO with CCP with GCP 7 days REPO with CCP with GCP 1 y. REPO with CCP with GCP 1 day REPO with CCP with GCP 2 m. REPO with CCP with GCP 2 m. REPO with CCP with GCP 3 m. REPO with CCP with GCP 6 m. REPO with CCP with GCP 1 m. (EUR) REPO with CCP with GCP 1 m. (EUR) REPO with CCP with GCP 1 m. (EUR) REPO with CCP with GCP 1 day (EUR) REPO with CCP with GCP 1 day (EUR) REPO with CCP with GCP 1 day (EUR) REPO with CCP with GCP 2 m. (EUR) REPO with CCP with GCP 3 m. (EUR) REPO with CCP with GCP 3 m. (EUR) REPO with CCP with GCP 6 m. (EUR) REPO with CCP with GCP 1 m. (USD) REPO with CCP with GCP 1 days (USD) REPO with CCP with GCP 1 days (USD) REPO with CCP with GCP 1 days (USD) REPO with CCP with GCP 2 m. (USD) REPO with CCP with GCP 3 m. (USD) REPO with CCP with GCP 6 m. (USD) REPO with CCP with GCP 8 m. (USD) REPO with CCP with GCP Negdeal (EUR) REPO with CCP with GCP Negdeal REPO with CCP with GCP Negdeal
16.	Client trading volume: main trading mode T0, negotiated trades, main trading mode T+, CCP negotiated trades, repo trades, CCP repo trades and GCC-CCP repo trades Trading members are ranked by total volume on behalf of clients of	Main trading mode T0	Main market: D bonds Main market: bonds EUR Main Market: bonds USD
	all securities traded for a month in these trading modes. Top-25		Main market: bonds GBP Main market: bonds Qualified invMain market Main market: bonds CNV
		Negotiated trades	Main market: bonds CNY
			Neg. deals: D bonds Neg. deals: D stocks Neg. deals: bonds EUR Neg. deals: stocks Neg. deals: stocks Neg. deals: bonds USD Neg. deals: bonds GBP Neg. deals: investment funds Neg. deals: bonds Qualified inv Neg.deals Neg. deals: Shares and DRs USD Neg. deals: ETF USD Neg. deals: ETF Neg. deals: bonds CNY Anonymous NDM Neg. deals: FRGN stocks

Main trading mode T+	
	T+: Shares and DRs USD T+: stocks, DRs Dark Pool bonds T+: D stocks T+: investment funds T+: bonds T+ Bonds USD Qualified invT+ Qualified invT+USD T+: ETF USD T+: ETF T+: Odd lot trading T+: D-level Shares (USD) T+: FRGN stocks, DRs
CCP negotiated trades	NDM with CCP: D stocks NDM with CCP: stocks, DRs NDM with CCP: investment funds NDM with CCP: bonds Neg. deals with CCP: Bonds USD Qualified inv NDM with CCP Neg.deals CCP: Shares, DRs USD NDM with CCP: ETF USD NDM with CCP: ETF NDM with CCP: D stocks USD NDM with CCP: FRGN stocks, DRs
Repo trades	REPO (EUR settle) REPO (USD settle) REPO with stocks, DRs REPO with bonds REPO with stocks (USD settle)
CCP Repo trades and GCC-CCP Repo trades	REPO with bonds (USD settle) REPO with CCP 1 day REPO with CCP Negdeal REPO with CCP 1 day USD REPO with CCP 1 day EUR REPO with CCP 1 day EUR REPO with CCP 7 day REPO with CCP Negdeal USD REPO with CCP Negdeal EUR REPO with CCP 7 day USD REPO with CCP 7 day USD REPO with CCP 7 day EUR REPO with CCP with GCP 1 m. REPO with CCP with GCP 1 day REPO with CCP with GCP 1 m. REPO with CCP with GCP 1 m. (EUR) REPO with CCP with GCP 1 m. (EUR) REPO with CCP with GCP 1 day (EUR) REPO with CCP with GCP 1 m. (EUR) REPO with CCP with GCP 1 m. (EUR) REPO with CCP with GCP 1 day (EUR) REPO with CCP with GCP 1 m. (USD) REPO with CCP with GCP 1 m. (USD) REPO with CCP with GCP 1 day (USD) REPO with CCP with GCP 1 day (USD) REPO with CCP with GCP 2 m. (USD) REPO with CCP with GCP 1 day (USD) REPO with CCP with GCP 1 day (USD) REPO with CCP with GCP 2 m. (USD) REPO with CCP with GCP 3 m. (USD) REPO with CCP with GCP 1 day (USD) REPO with CCP with GCP 1 days (USD) REPO with CCP with GCP Negdeal (EUR)

17.	Number of clients registered		
	Trading members are ranked by total number of clients of all types registered in the exchange's trading system, including for the month.	All trading modes	
	Top-25		
18.	Number of active clients Trading members are ranked by number of unique clients of all types that executed at least one trade for the month. Top-25	All trading modes (excluding redemptions modes) Placement modes are included since February 2020	
19.	Number of active clients on the bond market		
	Trading members are ranked by number of unique clients of all types that executed at least one trade with a bond instrument for the month.	All trading modes (excluding redemptions modes)	
	Top-15		
20.	Number of registered Individual Investment Accounts - Trading members		
	Trading members are ranked by total number of registered Individual Investment Accounts registered in the exchange's trading system, including for the month.	All trading modes	
	Top-30		
21.	Number of registered Individual Investment Accounts – Asset management companies (Trading members and clients of Trading members) Asset management companies are ranked by total number of	All trading modes	
	registered Individual Investment Accounts registered in the exchange's trading system, including for the month.		
	All positions with the number of accounts		
22.	Top Market Participants by monthly trading volume on Individual Investment Accounts Trading members are ranked by total volume on behalf of clients on Individual Investment Accounts of all securities traded for a month in these trading modes. Trading volume of client types 9A/8A are included only if all accounts in AM group are IIA. Top-30	Main trading mode T0 Negotiated trades	Main market: D bonds Main market: bonds EUR Main Market: bonds USD Main market: bonds GBP Main market: bonds Qualified invMain market Main market: bonds CNY
		Main trading mode T+	Neg. deals: D bonds Neg. deals: D stocks Neg. deals: bonds EUR Neg. deals: bonds EUR Neg. deals: bonds USD Neg. deals: bonds GBP Neg. deals: bonds GBP Neg. deals: bonds Qualified inv Neg. deals Neg. deals: Shares and DRs USD Neg. deals: ETF USD Neg. deals: ETF USD Neg. deals: ETF USD Neg. deals: FRGN stocks T+: Shares and DRs USD T+: stocks, DRs Dark Pool bonds T+: D stocks T+: investment funds T+: bonds T+ Bonds USD Qualified invT+ Qualified invT+USD T+: ETF T+: Odd lot trading T+: D-level Shares (USD) T+: FRGN stocks, DRs

	CCP negotiated trades	
		NDM with CCP: D stocks NDM with CCP: stocks, DRs NDM with CCP: investment funds NDM with CCP: bonds Neg. deals with CCP: Bonds USD Qualified inv NDM with CCP Neg.deals CCP: Shares, DRs USD NDM with CCP: ETF USD NDM with CCP: ETF NDM with CCP: D stocks USD NDM with CCP: FRGN stocks, DRs