MOSCOW EXCHANGE SECTOR INDICES

Moscow Exchange Sector Indices are capitalization-weighted indices calculated based on prices of the most liquid shares of Russian issuers admitted to trading in Moscow Exchange. The Sector Indices are calculated in Russian rubles and US dollars.

18,000 16,000 14,000 12,000 10,000 8,000 6,000 4,000 2,000 0 2010 2012 2013 2014 2015 2016 2017 2018 2019 2005 2004 2006 2007 2008 2009 2011

SECTOR INDICES PERFORMANCE (RUB)

Performance	2017	2018	2019
Consumer	-7.1%	-12.9%	9.1%
Chemicals	1.2%	4.8%	2.6%
Financials	-16.3%	-20.1%	27.0%
Electric Utilities	-8.5%	-11.4%	25.0%
Metals & Mining	5.2%	8.7%	10.6%
Oil & Gas	-9.5%	36.3%	24.5%
Telecoms	-1.6%	-2.6%	27.9%
Transport	-1.5%	-22.3%	12.7%

BASKET DETAILS

	Num. of	Mcap, bn RUB					Share of Russian	Max weight	
Sector	Issues	Total	Avg	Max	Min	Median	equities market	of issue	
Consumer	12	2,239	187	789	5	85	4.4%	15.4%	
Chemicals	5	682	136	312	1	156	1.3%	54.8%	
Financials	9	7,043	783	5,499	28	175	13.9%	23.9%	
Electric Utilities	19	1,924	101	526	3	50	3.8%	16.2%	
Metals & Mining	12	7,981	665	3,023	12	468	15.8%	15.8%	
Oil & Gas	12	23,483	1,957	6,070	51	973	46.4%	14.9%	
Telecoms	4	886	221	639	15	116	1.8%	77.6%	
Transport	5	334	67	173	3	26	0.7%	63.2%	

<u>KEY IDs</u>

Sector	Ticker	ISIN	Bloomberg	Reuters
Consumer	MOEXCN	RU000A0JQS82	MOEXCN	.MOEXCN
Consumer	RTScr	RU000A0JPEH0	RTSCR\$.RTSCR
Chemicals	MOEXCH	RU000A0JQS90	MOEXCH	.MOEXCH
Chemicais	RTSch	RU000A0JUK43	RTSCH	.RTSch
Financials	MOEXFN	RU000A0JPYX5	MOEXFN	.MOEXFN
Findituals	RTSfn	RU000A0JQR75	RTSFN\$.RTSFN
Electric Utilities	MOEXEU	RU000A0JP7M1	MOEXEU	.MOEXEU
Eleculic oullides	RTSeu	RU000A0JQR83	RTSEU\$.RTSEU
Metals & Mining	MOEXMM	RU000A0JPDF6	MOEXMM	.MOEXMM
Metals & Mining	RTSmm	RU000A0JPEF4	RTSMM\$.RTSMM
Oil & Gas	MOEXOG	RU000A0JP7L3	MOEXOG	.MOEXOG
UII & GdS	RTSog	RU000A0JPED9	RTSOG\$.RTSOG
Telecoms	MOEXTL	RU000A0JP7N9	MOEXTL	.MOEXTL
Telecoms	RTStl	RU000A0JPEE7	RTSTL\$.RTSTL
Transport	MOEXTN	RU000A0JUK35	MOEXTN	.MOEXTN
Transport	RTStn	RU000A0JUK50	RTSTN	.RTStn

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SECTOR INDICES CONSTITUENTS

Index	Ticker	Mcap, bin RUB	Free- Float	Adj cap, bln RUB	Weight	Index	Ticker	Mcap, bln RUB	Free- Float	Adj cap, bln RUB	Weight
Ŋ	ROSN	4,766.0	11%	230.9	14.9%		MGNT	349.0	71%	27.1	15.4%
	LKOH	4,410.8	54%	227.6	14.7%		YNDX	789.1	96%	26.0	14.8%
	NVTK	3,831.8	21%	225.4	14.5%		FIVE	579.7	41%	25.9	14.7%
	GAZP	6,069.9	46%	225.4	14.5%		DSKY	73.9	34%	25.1	14.3%
	TATN	1,655.2	32%	194.1	12.5%	er	LNTA	93.7	21%	19.7	11.2%
Gas	SNGS	1,803.1	25%	171.0	11.0%	Ę	AGRO	88.1	21%	18.5	10.5%
Oil &	TRNFP	274.8	32%	87.9	5.7%	Consumer	MVID	93.2	19%	17.7	10.1%
ō	SNGSP	290.6	73%	80.5	5.2%	S	APTK	82.4	6%	4.9	2.8%
	TATNP	108.3	100%	39.7	2.6%		PRTK	52.9	9%	4.8	2.7%
	BANEP	51.3	63%	32.3	2.1%		SVAV	9.5	29%	2.8	1.6%
	TRMK	59.9	30%	18.0	1.2%		AQUA	22.5	8%	1.8	1.0%
	RNFT	161.8	11%	17.8	1.2%		OBUV	4.9	32%	1.6	0.9%
						S	MTSS	639.4	45%	287.7	77.6%
í	PHOR	311.8	25%	78.0	54.8%	Telecoms	RTKM	201.8	32%	64.6	17.4%
Chemicals	NKNC	156.1	19%	29.6	20.9%	lec	RTKMP	14.7	69%	10.2	2.7%
j,	AKRN	194.2	12%	23.3	16.4%	μ	MGTSP	30.0	28%	8.4	2.3%
Che Che	NKNCP	18.6	56%	10.4	7.3%						
0	KZOSP	1.1	81%	0.9	0.6%		IRAO	526.4	33%	43.3	16.2%
							HYDR	236.7	19%	40.0	14.9%
							FEES	255.7	18%	39.3	14.7%
	SBER	5,499.3	48%	168.8	23.9%		RSTI	275.2	11%	30.3	11.3%
	VTBR	594.9	27%	160.6	22.7%		UPRO	175.3	16%	28.0	10.5%
<u>s</u>	MOEX	245.3	58%	142.3	20.1%		OGKB	62.2	23%	14.3	5.4%
Financials	TCSG	156.4	89%	139.2	19.7%	S	MSNG	89.8	15%	13.5	5.0%
an	CBOM	175.4	20%	35.1	5.0%	litie	TGKA	49.7	19%	9.4	3.5%
Ë	SFIN	57.4	37%	21.2	3.0%	CEI	LSNGP	11.4	76%	8.7	3.2%
	QIWI	57.9	53%	15.3	2.2%	Electric Utilities	ENRU	32.6	25%	8.2	3.0%
	SBERP	228.3 28.1	100% 36%	14.6	2.1%		MRKP	26.9	27%	7.3 5.8	2.7%
	BSPB	20.1	30%	10.1	1.4%	Ĕ	MSRS IRGZ	58.0 66.2	10% 7%	4.6	2.2% 1.7%
	GMKN	3,022.8	38%	203.8	15.8%		MRKC	13.4	34%	4.6	1.7%
	ALRS	621.0	34%	196.8	15.2%		MRKV	15.4	21%	3.5	1.3%
	PLZL	948.8	21%	190.0	14.5%		RSTIP	3.4	59%	2.0	0.8%
σ	POLY	456.6	45%	182.8	14.2%		MRKU	14.4	13%	1.9	0.7%
& Mining	NLMK	861.3	19%	163.7	12.7%		MRKZ	5.1	30%	1.5	0.6%
Ξ	CHMF	785.4	20%	157.1	12.2%		MRKY	5.1	29%	1.5	0.6%
ళ	MAGN	468.8	16%	75.0	5.8%			5.1	2370	1.5	0.070
Metals	RUAL	467.9	16%	74.9	5.8%		AFLT	114.9	41%	47.1	63.2%
Met	VSMO	234.5	9%	21.1	1.6%	Transport	NMTP	173.1	10%	17.3	23.2%
~	MTLR	26.3	50%	13.1	1.0%	idst	FESH	26.0	26%	6.8	9.1%
	RASP	75.0	12%	9.0	0.7%	rar	NKHP	16.8	16%	2.7	3.6%
	MTLRP	12.4	60%	7.4	0.6%	F	GTRK	3.4	20%	0.7	0.9%
							<u></u>	511	2070	017	01070



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- Perception of market services offered by the Company and its subsidiaries
- Volatility (a) of the Russian economy and the securities market and (b) sectors with a high level of competition that the Company and its subsidiaries operate
- Changes in (a) domestic and international legislation and tax regulation and (b) state policies related to financial markets and securities markets
- Competition increase from new players on the Russian market

- The ability to keep pace with rapid changes in science and technology environment, including the ability to use advanced features that are popular with the Company's and its subsidiaries' customers

- The ability to maintain continuity of the process of introduction of new competitive products and services, while keeping the competitiveness
- The ability to attract new customers on the domestic market and in foreign jurisdictions
- The ability to increase the offer of products in foreign jurisdictions

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