

MONTHLY STATISTICAL BULLETIN

DECEMBER 2018

Market capitalization : 162.169.162.195

Turnover: 649.171.832

Number of transactions: 1.411

MBI10: 3.469,03

↓0,95%

↑82,25%

↓21,78%

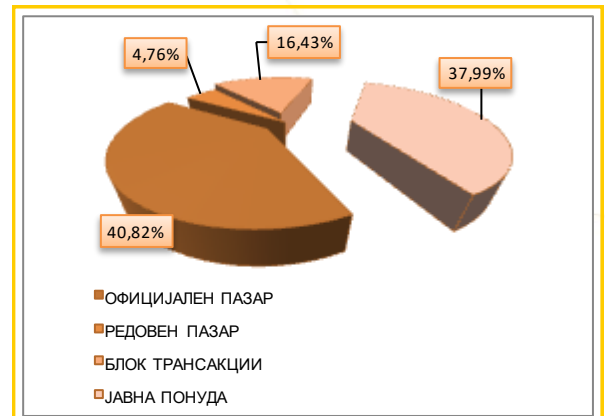
↑0,01%

BASIC INDICATORS

TURNOVER (denars)	November 2018	December 2018	% of change
TRADING IN BEST	327.722.888	295.846.210	-9,73
Shares	321.646.078	291.116.756	-9,49
Bonds	6.076.810	4.729.454	-22,17
DAILY AVERAGE TURNOVER (denars)	14.896.495	14.792.311	-0,70
DAILY AVERAGE NUMBER OF TRANSACTIONS	82	70	-14,63
BLOCK TRANSACTIONS	28.477.778	106.680.622	274,61
PUBLIC AUCTIONS	0	0	-
PUBLIC OFFERING	0	246.645.000	-
TOTAL	356.200.666	649.171.832	82,25
NUMBER OF TRANSACTIONS			
TRADING IN BEST	1.794	1.391	-22,46
BLOCK TRANSACTIONS	10	19	90,00
PUBLIC AUCTIONS	0	0	-
PUBLIC OFFERING	0	1	-
TOTAL	1.804	1.411	-21,78
MARKET CAPITALIZATION (denars)			
MARKET CAPITALIZATION OF SHARES	163.725.833.393	162.169.162.195	-0,95
OFFICIAL MARKET-SHARES	160.329.202.228	158.772.531.030	-0,97
MARKET OF JOINT STOCK COMPANIES WITH SPECIAL	3.396.631.165	3.396.631.165	0,00
MARKET CAPITALIZATION OF BONDS	3.381.170.542	3.389.570.084	0,25
TOTAL MARKET CAPITALIZATION	167.107.003.935	165.558.732.279	-0,93
MBI10	3.468,52	3.469,03	0,01
OMB	130,35	131,31	0,74
NUMBER OF LISTED SECURITIES	105	105	0,00
NUMBER OF TRADING DAYS	22	20	-9,09

TURNOVER STRUCTURE

Market segment	Turnover (denars)	Turnover (EUR)	%	Number of transactions
OFFICIAL MARKET	264.963.132	4.308.760	40,82	1.366
REGULAR MARKET	30.883.078	502.221	4,76	25
BLOCK TRANSACTIONS	106.680.622	1.734.866	16,43	19
PUBLIC AUCTIONS	0	0	0,00	0
PUBLIC OFFERING	246.645.000	4.010.814	37,99	1
TOTAL	649.171.832	10.556.660	100,00	1.411



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10 MOST LIQUID SHARES (Official market)

Issuer	Max (denars)	Min (denars)	Average price (denars)	Volume	Turnover (denars)	Turnover (EUR)	%	Num. of trans.	Market capitalization (denars)
Komercijalna banka AD Skopje	5.213,00	4.711,00	4.978,03	19.349	96.238.239	1.564.999	36,98	372	11.510.199.977
Alkaloid AD Skopje	8.300,00	8.050,00	8.175,15	4.466	36.670.811	596.328	14,09	169	11.738.010.666
Makpetrol AD Skopje	48.000,00	46.000,00	46.869,81	650	30.385.079	494.112	11,68	136	5.337.616.805
Stopanska banka AD Skopje	1.290,00	1.188,00	1.261,77	20.670	26.255.292	426.956	10,09	161	20.952.216.000
NLB banka AD Skopje	14.200,00	13.999,00	14.086,45	1.300	18.275.939	297.198	7,02	68	12.042.260.100
Granit Skopje	824,00	753,00	798,44	12.868	10.275.651	167.104	3,95	103	2.458.575.861
Makedonijaturist Skopje	5.000,00	4.800,00	4.891,96	1.668	8.160.010	132.695	3,14	34	2.261.235.000
TTK Banka AD Skopje	1.280,00	1.211,00	1.251,03	5.576	7.002.666	113.876	2,69	43	1.156.749.180
Ohridska banka Skopje	6.600,00	6.340,00	6.500,09	783	5.089.780	82.770	1,96	35	3.402.746.500
Fustelarko borec Bitola	1.400,00	1.200,00	1.333,00	2.512	3.436.794	55.889	1,32	11	100.392.600
Rest				32.425	18.443.417	299.924	7,09	214	87.812.528.342
Total				102.267	260.233.678	4.231.851	100,00	1.346	158.772.531.030

TOP GAINERS / TOP LOSERS—OFFICIAL MARKET

Issuer	Average price (denars) 30.11.2018	Average price (denars) 28.12.2018	% of change
TOP GAINERS			
Fustelarko borec Bitola	900,00	1.400,00	55,56
Stopanska banka AD Skopje	1.949,98	2.140,00	9,74
Arcelormittal Skopje (CRM) Skopje	62,88	67,13	6,76
Replek Skopje	68.001,00	70.040,00	3,00
Karpos Skopje	290,00	298,00	2,76
TOP LOSERS			
Arcelormittal Skopje (HRM) Skopje	21,00	15,00	-28,57
ZK Pelagonija Bitola	2.850,00	2.350,00	-17,54
Vinarska vizba Tikvesm Skopje	5.500,00	4.808,00	-12,58
Blagoj Gjorev Veles	320,00	285,00	-10,94
Makstil Skopje	128,00	114,00	-10,94

OVERVIEW OF THE TRADING WITH BONDS

	HIGH (%)	LOW (%)	Last daily average price (%)	Last trading day	Volume (in EUR)	Turnover (denars)	Turnover (EUR)	Yield to maturity *
Government bonds-denationalization XII issue (RMDEN12)	97,30	97,30	97,30	14.12.2018	13	778	13	3,18%
Government bonds-denationalization XIII issue (RMDEN13)	97,50	97,50	97,50	03.12.2018	3.000	179.873	2.925	2,91%
Government bonds-denationalization XV issue (RMDEN15)	96,80	96,80	96,80	14.12.2018	1.332	79.290	1.289	2,88%
Government bonds-denationalization XVI issue (RMDEN16)	97,50	96,20	97,50	27.12.2018	15.931	948.948	15.431	2,61%
Government bonds-denationalization XVII issue (RMDEN17)	97,50	96,50	97,50	27.12.2018	59.174	3.520.565	57.251	2,57%

* The model for calculation of annual average yield to maturity is adapted to the characteristics of the bonds. Calculation date is 28.12.2018 using the last average price of the bonds.

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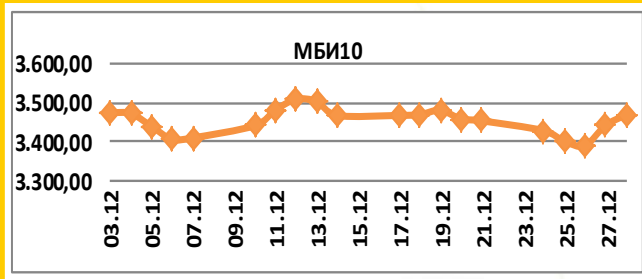
MBI10

Value at 28.12.2018 3.469,03

MAX Value in December (12.12.2018) 3.508,89

MIN Value in December (26.12.2018) 3.389,02

% of change from 28.12.2017 36,64%

All about MBI10 on: <http://www.mse.com.mk/Indicies.aspx?Index=MBI10>

Composition of MBI10	Turnover (denars)	Volume	Num. of trans.	Last average price	% of monthly change of price
Alkaloid AD Skopje	36.670.811	4.466	169	8.200,64	0,69
Granit AD Skopje	12.073.911	15.061	104	800,48	-0,97
Komercijalna banka AD Skopje	105.889.139	21.302	377	5.050,40	0,92
Makpetrol AD Skopje	30.385.079	650	136	47.495,30	-0,01
Makedonijaturist AD Skopje	8.160.010	1.668	34	5.000,00	0,10
Stopanska banka AD Skopje	26.255.292	20.670	161	1.200,00	-4,01
TTK banka AD Skopje	8.252.666	6.576	44	1.274,11	1,94
Makedonski Telekom AD Skopje	1.016.257	3.418	17	290,71	0,24
Ohridska banka AD Skopje	5.089.780	783	35	6.590,00	-0,15
NLB Banka AD Skopje	23.915.939	1.700	69	14.100,00	-0,35

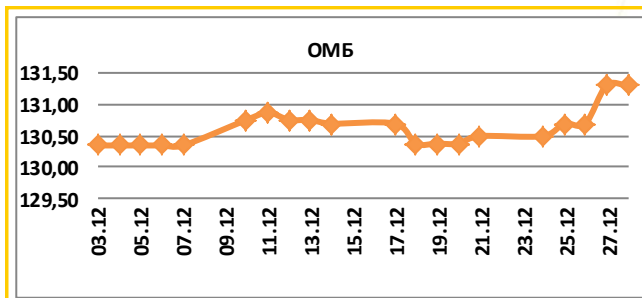
OMB

Value at 28.12.2018 131,31

MAX Value in December (27.12.2018) 131,31

MIN Value in December (04.12.2018) 130,35

% of change from 28.12.2017 2,13%

All about OMB on: <http://www.mse.com.mk/Indicies.aspx?Index=OMB>

Composition of OMB	Turnover (denars)	Volume	Num. of trans.	Last average price	% of monthly change of price
Government bonds-denationalization IX issue (RMDEN09)	0	0	0	98,30	0,00
Government bonds-denationalization X issue (RMDEN10)	0	0	0	97,40	0,00
Government bonds-denationalization XI issue (RMDEN11)	0	0	0	97,30	0,00
Government bonds-denationalization XII issue (RMDEN12)	778	13	1	97,30	0,31
Government bonds-denationalization XIII issue (RMDEN13)	179.873	3.000	1	97,50	0,00
Government bonds-denationalization XIV issue (RMDEN14)	0	0	0	97,60	0,00
Government bonds-denationalization XV issue (RMDEN15)	79.290	1.332	1	96,80	-0,41
Government bonds-denationalization XVI issue (RMDEN16)	948.948	15.931	9	97,50	1,56
Government bonds-denationalization XVII issue (RMDEN17)	3.520.565	59.174	8	97,50	1,04



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MBI10 LISTED COMPANIES RATIOS

Issuer	P/E Ratio ¹	Dividend yield ²	Foreign investors participation in October 2018	Foreign investors participation in September 2018	Change
Alkaloid AD Skopje	14,50	3,29%	5,51%	5,54%	-0,03%
Granit AD Skopje	17,77	3,50%	7,18%	7,25%	-0,07%
Komercijalna banka AD Skopje	13,62	3,56%	6,19%	6,23%	-0,04%
Makpetrol AD Skopje	16,97	2,10%	1,57%	1,63%	-0,06%
Makedonijaturist AD Skopje	20,57	4,16%	0,95%	0,95%	0,00%
Stopanska banka AD Skopje	10,25	9,75%	92,41%	92,42%	-0,01%
TTK banka AD Skopje	11,55	8,16%	1,38%	1,42%	-0,04%
Makedonski Telekom AD Skopje	20,18	6,32%	1,50%	1,50%	0,00%
Ohridska banka AD Skopje	9,69	1,03%	76,02%	76,04%	-0,02%
NLB banka AD Skopje	5,67	4,41%	88,94%	88,98%	-0,04%

[1] Share price at last day of trading in currently month,/ Earnings per share

[2]The ratios are calculated using the data from the last published Audited financial reports and last paid dividend.

FOREIGN INVESTORS—OFFICIAL MARKET

	Foreign Legal investors December 2018	Foreign private investors December 2018	Total Foreign entities December 2018	Total Foreign entities November 2018	Change
Shares[3]	34,78%	1,25%	36,04%	35,88%	0,16%
Bonds[4]	0,12%	0,33%	0,45%	0,25%	0,20%
Total Official market	33,55%	1,22%	34,77%	34,60%	0,17%

[3] Data as last day of trading in currently month according to the Central Securities Depository, regarding the participation of the foreign investors in the number of shares.

[4]Data as last day of trading in currently month according to the Central Securities Depository, regarding the participation of the foreign investors in the total nominal value of bonds.

FOREIGN AND DOMESTIC INVESTORS IN THE TOTAL TURNOVER [5] *

	BUYING % of total	SELLING% of total
Foreign private investors	0,32%	1,34%
Foreign Legal investors	38,17%	2,12%
Total Foreign Legal entities	38,49%	3,46%
Domestic private investors	34,55%	47,66%
Domestic Legal investors	26,96%	48,88%
Total Domestic Legal entities	61,51%	96,54%

[5]Data as last day of trading in currently month according to the Central Securities Depository, regarding the participation of the foreign and domestic investors in the total turnover.

TURNOVER PER MEMBERS / in denars

Member	Code	Trading in BEST system	% of trading In BEST sys.	Block (denars)	% block	Public auctions	% of Public auctions	Public offering	% of Public offering	Total
ILIRIKA INVESTMENTS AD Skopje	IL	136.106.507	23,00	24.060.500	11,28	0	0,00	493.290.000	100,00	653.457.007
Komercijalna banka AD Skopje	KB	93.366.343	15,78	61.894.284	29,01	0	0,00	0	0,00	155.260.627
Eurohaus AD Skopje	EH	40.394.081	6,83	79.798.260	37,40	0	0,00	0	0,00	120.192.341
INOVO BROKER AD Skopje	IN	59.344.524	10,03	23.946.800	11,22	0	0,00	0	0,00	83.291.324
Invest broker Skopje	MI	70.221.713	11,87	1.570.800	0,74	0	0,00	0	0,00	71.792.513
Sparkase banka Makedonija AD Skopje	SP	61.639.682	10,42	0	0,00	0	0,00	0	0,00	61.639.682
TTK Banka AD Skopje	TK	48.072.760	8,12	10.810.600	5,07	0	0,00	0	0,00	58.883.360
NLB Banka Skopje	TN	45.282.874	7,65	11.280.000	5,29	0	0,00	0	0,00	56.562.874
Stopanska banka AD Skopje	SB	20.429.519	3,45	0	0,00	0	0,00	0	0,00	20.429.519
Eurostandard Banka AD Skopje	ES	11.902.968	2,01	0	0,00	0	0,00	0	0,00	11.902.968
Fersped broker AD Skopje	FR	4.931.448	0,83	0	0,00	0	0,00	0	0,00	4.931.448
Total		591.692.420	100,00	213.361.244	100,00	0	100,00	493.290.000	100,00	1.298.343.664

Turnover via BEST system and turnover in block trades is calculated on the basis of double counting, in order to include the executed cross trades by the MSE members in the structure of the overall MSE turnover. As since July 13, during the government auctions on the selling side there is no brokers (i.e. MSE performs this role), the turnover derived from government auctions is still calculated on the basis of single counting.

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AS A REMINDER

The product of the Macedonian Stock Exchange **BESTNET ANALYTICS** is a modern internet service that helps investors in building well-founded investment strategies and in bringing valuable investment decisions.

BESTNET ANALYTICS contains:

- Data for more than **100** companies traded on the Macedonian Stock Exchange
- More than **70** different financial indicators of companies and more than **40** indicators for banks
- Monitoring and comparing the values for the last **3** years
- Tracking results by quarters
- Data in den, euros and dollars
- Data for paid dividends from companies for the last **4** years
- Data for the major shareholders of the company
- Data for management bodies of the company
- Data for related companies
- Comparison and monitoring of a large number of financial indicators
- Monitoring indicators by sectors and industries
- Graphic display of technical indicators
- Over **40** technical indicators and oscillators
- Monitoring of investments, determining their current value
- Calculation of gains / losses from unrealized transactions
- Calculation of gains / losses from trades executed
- Simulated portfolios

Шифра на XB	Датум на трансакција	Број на трансакција	Количина	Куповна вредност - вкупно (во ден.)	Датум на последна цена	Последна просечна цена	Вкупна вредност (во ден.)	Нереализирана добитка / загуба (во ден.)	% промена од купување на XB	% од вредноста на вкупните вложувања
скратен преглед на поединечна трансакција										
GRNT	17.02.2009	X52515136	600,00	360.000,00	21.01.2009	653,11	391.866,00	1.800.000,00	133,33%	3,74%
TELE	11.06.2009	1235649	600,00	360.000,00	21.01.2009	653,11	391.866,00	31.866,00	8,85%	1,00%
детален преглед на поединечна трансакција										
Македонски Телеком Скопје (TELE)										
Тип на хартија	Share		Куповна вредност - вкупно (во ден.)		360.000,00					
Датум на трансакција	11.06.2009		Датум на последна цена		21.01.2009					
Број на трансакција	1235649		Последна просечна цена		653,11					
Количина	600,00		Нето вредност (во ден.)		391.866,00					
Куповна цена (во ден.)	600,00		Акумулирана камата (во ден.)		0,00					
Номинална вредност	0,00 MKD		Вкупна вредност (во ден.)		391.866,00					
Куповна вредност (во ден.)	360.000,00		Нереализирана добитка / загуба (во ден.)		31.866,00					
Купена акумул. камата (во ден.)	0,00		% промена од купување на XB		8,85%					
Трансакциони трошоци (во ден.)	500,00		% од вредноста на вкупните вложувања		1,00%					
P.Македонија - денационализација 01 (PMDE01)										
Тип на хартија	Bond		Куповна вредност - вкупно (во ден.)		107.092,08					
Датум на трансакција	11.07.2008		Датум на последна цена		27.11.2007					
Број на трансакција	1919		Последна просечна цена		85,00					
Количина	2.250,00		Нето вредност (во ден.)		116.662,50					
Куповна цена (во %)	77,50		Акумулирана камата (во ден.)		1.238,85					
Номинална вредност	1,00 EUR		Вкупна вредност (во ден.)		117.888,35					
Куповна вредност (во ден.)	106.689,77		Нереализирана добитка / загуба (во ден.)		11.198,57					
Купена акумул. камата (во ден.)	402,31		% промена од купување на XB		10,05%					
Трансакциони трошоци (во ден.)	500,00		% од вредноста на вкупните вложувања		0,30%					
TOTAL			36.067.092,08		62.684.319,35		26.617.629,57		100,00%	

Опис на XB	Податоци од тргувањето
Лазарен сегмент	Официјален пазар
Лазарен подсегмент	Берзанска котација - обични акции
Тип на XB	Обични акции
ISIN број	MKALKA101011
Вкупни издадени XB	1431353
Шифра на XB	ALK
Номинална вредност	25,56 EUR
Дејења на цената и прометот	
Највисока цена во посл. 52 недели	4.599,00
Најниска цена во посл. 52 недели	3.799,00
% промена во посл. 30 дена	8,48%
% промена во посл. 3 месеци	6,98%
% промена во посл. 6 месеци	0,80%
% промена во посл. 1 година	-4,07%
Просечен дневен промет во посл. 30 дена	645.146,23
Просечен дневен промет во посл. 3 месеци	812.362,12
Просечен дневен промет во тековната година	626.836,29
Просечен дневен промет во посл. 52 недели	1.304.591,88
Показатели по акција за издавачот	
Коефициент цена / добитка	10,43
Дивиденден принос	3,98%
Коефициент цена / Книговодствена вредност по акција	0,91
Коефициент цена / Акумулирана добитка по акција	2,62
Коефициент цена / приходи од продажба	1,01
Коефициент цена / парични прилими од оперативни активности	13,59
Коефициент цена / оперативна добитка	8,93
Коефициент цена / EBITDA	6,35
Највисок P/E во посл. 52 недели	11,46
Најнисок P/E во посл. 52 недели	9,47
Нето добитка по акција за посл. 12 месеци	430,59
Коефициент цена / добитка за посл. 12 месеци	9,77

For more information on : www.bestnet.com.mk