

## MONTHLY STATISTICAL BULLETIN

## MARCH 2018

Market capitalization : 142.447.063.816

Turnover: 3.481.460.355

Number of transactions: 1.947

MBI10: 2.766,11

↓0,58%

↑873,60%

↑22,38%

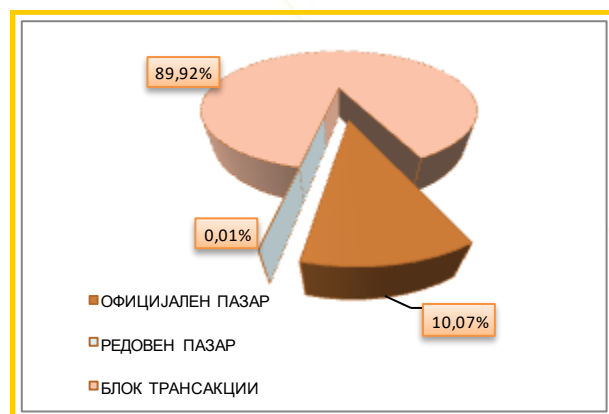
↓0,15%

## BASIC INDICATORS

TURNOVER (denars)	February 2018	March 2018	% of change
<b>TRADING IN BEST</b>	<b>319.400.934</b>	<b>350.909.997</b>	<b>9,87</b>
Shares	244.883.680	301.000.888	22,92
Bonds	74.517.254	49.909.109	-33,02
DAILY AVERAGE TURNOVER (denars)	<b>15.970.047</b>	<b>15.950.454</b>	<b>-0,12</b>
DAILY AVERAGE NUMBER OF TRANSACTIONS	<b>79</b>	<b>88</b>	<b>11,39</b>
<b>BLOCK TRANSACTIONS</b>	<b>38.184.787</b>	<b>3.130.550.358</b>	<b>8.098,42</b>
<b>PUBLIC AUCTIONS</b>	<b>0</b>	<b>0</b>	<b>-</b>
<b>PUBLIC OFFERING</b>	<b>0</b>	<b>0</b>	<b>-</b>
<b>TOTAL</b>	<b>357.585.721</b>	<b>3.481.460.355</b>	<b>873,60</b>
<b>NUMBER OF TRANSACTIONS</b>			
<b>TRADING IN BEST</b>	1.584	1.923	21,40
<b>BLOCK TRANSACTIONS</b>	7	24	242,86
<b>PUBLIC AUCTIONS</b>	0	0	-
<b>PUBLIC OFFERING</b>	0	0	-
<b>TOTAL</b>	<b>1.591</b>	<b>1.947</b>	<b>22,38</b>
<b>MARKET CAPITALIZATION (denars)</b>			
<b>MARKET CAPITALIZATION OF SHARES</b>	<b>143.274.100.877</b>	<b>142.447.063.816</b>	<b>-0,58</b>
OFFICIAL MARKET-SHARES	139.877.469.712	139.050.432.651	-0,59
MARKET OF JOINT STOCK COMPANIES WITH SPECIAL REPORTING OBLIGATIONS	3.396.631.165	3.396.631.165	0,00
<b>MARKET CAPITALIZATION OF BONDS</b>	<b>3.974.154.253</b>	<b>3.996.311.626</b>	<b>0,56</b>
<b>TOTAL MARKET CAPITALIZATION</b>	<b>147.248.255.130</b>	<b>146.443.375.442</b>	<b>-0,55</b>
<b>MBI10</b>	<b>2.770,24</b>	<b>2.766,11</b>	<b>-0,15</b>
<b>OMB</b>	<b>128,91</b>	<b>129,86</b>	<b>0,74</b>
<b>NUMBER OF LISTED SECURITIES</b>	<b>107</b>	<b>107</b>	<b>0,00</b>
<b>NUMBER OF TRADING DAYS</b>	<b>20</b>	<b>22</b>	<b>10,00</b>

## TURNOVER STRUCTURE

Market segment	Turnover (denars)	Turnover (EUR)	%	Number of transactions
OFFICIAL MARKET	350.482.176	5.696.071	10,07	1.918
REGULAR MARKET	427.821	6.955	0,01	5
BLOCK TRANSACTIONS	3.130.550.358	50.901.020	89,92	24
PUBLIC AUCTIONS	0	0	0,00	0
PUBLIC OFFERING	0	0	0,00	0
<b>TOTAL</b>	<b>3.481.460.355</b>	<b>56.604.046</b>	<b>100,00</b>	<b>1.947</b>



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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	3.928,00	3.400,00	3.710,11	34.363	128.326.924	2.085.906	42,69	550	8.247.669.985
NLB banka AD Skopje	14.600,00	13.580,00	14.309,29	2.054	29.241.667	475.233	9,73	101	11.640.176.722
Stopanska banka AD Skopje	968,00	915,00	940,42	25.932	24.143.465	392.054	8,03	147	16.413.442.209
Alkaloid AD Skopje	8.302,00	7.910,00	8.027,72	2.064	16.588.765	269.580	5,52	105	11.370.124.318
TTK Banka AD Skopje	1.049,00	950,00	986,76	13.348	13.183.257	214.186	4,39	87	897.901.232
Toplifikacija Skopje	2.279,00	1.601,00	1.920,24	5.805	10.814.992	175.681	3,6	107	841.500.000
UNI Banka Skopje	2.230,00	2.000,00	2.107,58	4.371	9.090.233	147.649	3,02	63	1.091.974.000
Granit Ad Skopje	810,00	750,00	783,51	10.893	8.567.210	139.223	2,85	98	2.309.091.942
Ohridska banka AD Skopje	5.100,00	4.900,00	4.991,50	1.664	8.323.710	135.211	2,77	43	2.555.932.500
Makpetrol AD Skopje	30.000,00	28.500,00	29.406,20	273	8.008.655	130.173	2,66	50	3.259.078.000
Rest				70.900	44.284.189	719.736	14,73	444	80.423.541.743
<b>Total</b>				<b>171.667</b>	<b>300.573.067</b>	<b>4.884.633</b>	<b>100,00</b>	<b>1.795</b>	<b>139.050.432.651</b>

## TOP GAINERS / TOP LOSERS—OFFICIAL MARKET

Issuer	Average price (denars) 28.02.2018	Average price (denars) 30.03.2018	% of change
<b>TOP GAINERS</b>			
RZ Inter-Transsped Skopje	20,00	30,00	50,00
VV Tikves Skopje Skopje	3.100,00	4.000,00	29,03
Rudnici Banjani Skopje	550,00	621,00	12,91
Automakedonija Skopje	1.650,00	1.820,00	10,30
Toplifikacija Skopje	1.699,00	1.870,00	10,06
<b>TOP LOSERS</b>			
Arcelormittal Skopje (HRM) Skopje	20,00	12,00	-40,00
Popova Kula Demir Kapija	15,00	11,00	-26,67
Arcelormittal Skopje (CRM) Skopje	52,00	41,00	-21,15
Zito Luks Skopje	205,00	167,12	-18,48
Makosped Skopje	246,00	202,61	-17,64

## 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 IX issue (RMDEN09)	97,80	95,00	97,77	16.03.2018	2.765	163.954	2.666	3,99%
Government bonds-denationalization XI issue (RMDEN10)	97,80	97,80	97,80	15.03.2018	4.308	259.124	4.213	3,38%
Government bonds-denationalization XIII issue (RMDEN13)	96,40	95,50	96,40	15.03.2018	7.592	448.276	7.287	3,23%
Government bonds-denationalization XIV issue (RMDEN14)	96,20	96,20	96,20	15.03.2018	2.526	149.540	2.430	3,13%
Government bonds-denationalization XV issue (RMDEN15)	95,50	95,50	95,50	08.03.2018	660	38.799	630	3,19%
Government bonds-denationalization XVI issue (RMDEN16)	95,60	94,90	95,60	30.03.2018	832.631	48.849.416	794.212	3,05%

\* The model for calculation of annual average yield to maturity is adapted to the characteristics of the bonds. Calculation date is 30.03.2018 using the last average price of the bonds.

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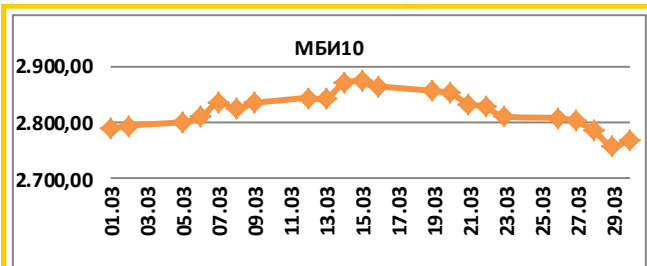
## MBI10

Value at 30.03.2018 2.766,11

MAX Value in March (15.03.2018) 2.872,43

MIN Value in March (29.03.2018) 2.758,03

% of change from 28.12.2017 8,95%

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	16.588.765	2.064	105	7.943,62	-2,02
Granit AD Skopje	10.080.510	12.743	99	751,81	-6,84
Komercijalna banka AD Skopje	1.960.158.934	522.780	558	3.618,88	7,14
Makpetrol AD Skopje	8.008.655	273	50	29.000,00	-0,01
Makedonijaturist AD Skopje	4.201.505	960	17	4.425,00	2,91
Stopanska banka AD Skopje	41.227.865	44.414	151	940,05	-0,29
Stopanska banka AD Bitola	2.499.394	1.293	23	1.806,60	-11,44
Makedonski Telekom AD Skopje	2.606.692	9.035	26	286,00	-0,35
Ohridska banka AD Skopje	8.323.710	1.664	43	4.950,00	-1,00
NLB Tutunska banka AD Skopje	89.037.667	6.054	103	13.629,21	-3,53

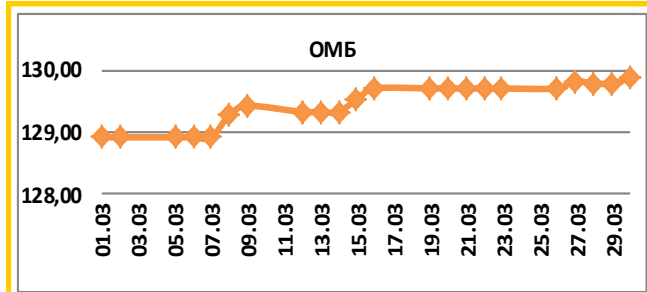
## OMB

Value at 30.03.2018 128,86

MAX Value in March (30.03.2018) 128,86

MIN Value in March (02.03.2018) 128,91

% of change from 28.12.2017 1,00%

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 VIII issue (RMDEN08)		0	0	97,90	0,00
Government bonds-denationalization IX issue (RMDEN09)	163.954	2.765	4	97,77	2,92
Government bonds-denationalization X issue (RMDEN10)	259.124	4.308	2	97,80	1,03
Government bonds-denationalization XI issue (RMDEN11)		0	0	97,00	0,00
Government bonds-denationalization XII issue (RMDEN12)		0	0	96,70	0,00
Government bonds-denationalization XIII issue (RMDEN13)	448.276	7.592	4	96,40	1,47
Government bonds-denationalization XIV issue (RMDEN14)	149.540	2.526	2	96,20	0,63
Government bonds-denationalization XV issue (RMDEN15)	38.799	660	1	95,50	0,53
Government bonds-denationalization XVI issue (RMDEN16)	48.849.416	832.631	110	95,60	0,63



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## MBI10 LISTED COMPANIES RATIOS

Issuer	P/E Ratio <sup>1</sup>	Dividend yield <sup>2</sup>	Foreign investors participation in March 2018 <sup>3</sup>	Foreign investors participation in February 2018 <sup>3</sup>	Change
Alkaloid AD Skopje	13,99	3,40%	6,31%	6,32%	-0,01%
Granit AD Skopje	16,6	3,72%	9,17%	9,20%	-0,03%
Komercijalna banka AD Skopje	9,97	4,97%	8,43%	29,90%	-21,47%
Makpetrol AD Skopje	10,36	3,45%	5,12%	5,05%	0,07%
Makedonijaturist AD Skopje	18,20	4,70%	1,16%	1,16%	0,00%
Stopanska banka AD Skopje	8,11	30,42%	92,45%	92,45%	0,00%
Stopanska banka AD Bitola	17,67	0,00%	3,38%	3,40%	-0,02%
Makedonski Telekom AD Skopje	19,78	6,42%	1,50%	1,50%	0,00%
Ohridska banka AD Skopje	7,28	2,00%	76,44%	76,50%	-0,06%
NLB banka AD Skopje	5,55	7,30%	89,22%	89,27%	-0,05%

[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

March 2018	Foreign Legal investors March 2018	Foreign private investors March 2018	Total Foreign entities March 2018	Total Foreign entities February 2018	Change
Shares[3]	34,75%	1,26%	36,01%	36,51%	-0,50%
Bonds[4]	0,11%	0,07%	0,18%	0,18%	0,00%
<b>Total Official market</b>	<b>33,37%</b>	<b>1,21%</b>	<b>34,59%</b>	<b>35,07%</b>	<b>-0,48%</b>

[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	0,12%	1,04%
Foreign Legal investors	34,61%	69,70%
<b>Total Foreign Legal entities</b>	<b>34,73%</b>	<b>70,74%</b>
Domestic private investors	8,17%	9,59%
Domestic Legal investors	57,10%	19,67%
<b>Total Domestic Legal entities</b>	<b>65,27%</b>	<b>29,26%</b>

[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
Komercijalna banka AD Skopje	KB	95.955.422	13,67	3.629.418.000	57,97	0	0	0	0	3.725.373.422
NLB Banka Skopje	TN	71.025.917	10,12	2.405.954.096	38,43	0	0	0	0	2.476.980.013
Eurohaus AD Skopje	EH	101.999.220	14,53	153.838.020	2,46	0	0	0	0	255.837.240
ILIRIKA INVESTMENTS AD Skopje	IL	180.203.924	25,68	32.868.800	0,52	0	0	0	0	213.072.724
TTK Banka AD Skopje	TK	67.905.673	9,68	20.651.200	0,33	0	0	0	0	88.556.873
INOVO BROKER AD Skopje	IN	45.040.176	6,42	3.026.600	0,05	0	0	0	0	48.066.776
Invest broker AD Skopje	MI	35.796.234	5,10	0	0,00	0	0	0	0	35.796.234
Sparkase banka Makedonija AD Skopje	SP	34.431.081	4,91	0	0,00	0	0	0	0	34.431.081
Eurostandard Banka AD Skopje	ES	30.335.192	4,32	0	0,00	0	0	0	0	30.335.192
Stopanska banka AD Skopje	SB	28.137.573	4,01	0	0,00	0	0	0	0	28.137.573
Fersped Broker AD Skopje	FR	10.989.583	1,57	15.344.000	0,25	0	0	0	0	26.333.583
<b>Total</b>		<b>701.819.994</b>	<b>100,00</b>	<b>6.261.100.716</b>	<b>100,00</b>	<b>0</b>	<b>100,00</b>	<b>0</b>	<b>100,00</b>	<b>6.962.920.710</b>

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.



# MONTHLY STATISTICAL BULLETIN

## 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 - акумул. (во ден.)	Датум на последна цена	Последна просечна цена	Вкупна вредност (во ден.)	Нереализирана добитка / загуба (во ден.)	% промена од купување на хв	% од вредноста на акумул. вложувања
GRNT	17.02.2009	X52515136						1,800,000.00	133.33%	3.74%
TEL	11.06.2009	1235649	600,00	360,000.00	11.2009	653.11	391,866.00	31,866.00	8.85%	1.00%

Тип на хартија	Датум на трансакција	Број на трансакција	Количина	Куповна цена (во %)	Номинална вредност	Купена акумул. камата (во ден.)	Трансакциски трошоци (во ден.)
ШТАР	14.08.2009	1314-9	100,00	6.500.000,00	21.01.2009	120.334,50	12.033.450,00
KMB	11.05.2009	кнб				9.896.310,00	48.87%
ZLKO	28.05.2009	злко				2.730.285,00	79.01%
ALK	10.11.2009	алк-продај	1.000,00	4.800.000,00	21.01.2009	10.614,52	6.614.520,00
RMEN01	11.07.2008	1919	2.250,00	107.092,08	27.11.2007	85,00	117.886,38

Тип на хартија	Датум на трансакција	Број на трансакција	Количина	Куповна цена (во %)	Номинална вредност	Купена акумул. камата (во ден.)	Трансакциски трошоци (во ден.)
Лазарен сегмент							
Лазарен подсегмент							
Тип на хв							
ISIN број							
Вкупни издадени хв							
Шифра на хв							
Номинална вредност							

For more information on : [www.bestnet.com.mk](http://www.bestnet.com.mk)

The product of the Macedonian Stock Exchange **MB Monitor** is an Internet service aimed for informing and educating the public for issues from area of market securities.

Берза	Датум	Вкупен промет ЕУР	Датум	Вкупен промет ЕУР	% на промена во однос на припадниот трговски ден
Македонска Берза АД Скопје	20.02.2012	286.099	21.02.2012	297.967	0,36
Београдска берза с.б. Београд	20.02.2012	686.484	21.02.2012	638.889	-7,09
Загребачка берза с.б. Загреб	20.02.2012	1.860.296	21.02.2012	1.847.965	-0,66
Љубљанска берза, с.б. Љубљана	20.02.2012	666.634	21.02.2012	670.976	0,65
Варшавска берза	20.02.2012	131.573	21.02.2012	131.959	0,29
Биржа на вредности во Виена	20.02.2012	64.844	21.02.2012	74.286	14,59
Биржа на вредности во Лондон	20.02.2012	88.175	21.02.2012	11.882	-26,81

Индекс	Датум	Вредност на индекс	Датум	Вредност на индекс	% на промена во однос на припадниот трговски ден
INDEX	20.02.2012	2.092,75	21.02.2012	2.078,88	-0,66
BELX	20.02.2012	341,82	21.02.2012	338,18	-1,05
SPSEX	20.02.2012	1.736,40	21.02.2012	1.754,16	1,03
WVTOX	20.02.2012	379,01	21.02.2012	369,49	-2,63
WVBX	20.02.2012	802,80	21.02.2012	815,77	1,62
INDEX10	20.02.2012	788,65	21.02.2012	788,79	0,02
INDEX 20	20.02.2012	9.630,81	21.02.2012	9.595,46	-0,37
BOFX	20.02.2012	332,08	21.02.2012	309,26	-6,89
ATX	20.02.2012	3.360,64	21.02.2012	3.224,68	-3,99
CAC40	20.02.2012	3.472,54	21.02.2012	3.465,24	-0,21
DXK	20.02.2012	6.948,25	21.02.2012	6.908,18	-0,58
FTSE100	20.02.2012	6.980,21	21.02.2012	5.920,26	-14,76
DOWJONES	20.02.2012	12.948,87	21.02.2012	12.961,69	0,10
NASDAQ	20.02.2012	1.981,23	21.02.2012	1.962,21	-0,96
INDEX 200	20.02.2012	6.488,04	21.02.2012	6.460,00	-0,43

### MB Monitor contains:

- Daily reports with summary data from trading at Macedonian Stock Exchange
- Weekly reports with summary data from trading at Macedonian Stock Exchange
- Daily reports with data from trading on regional stock exchanges
- Monthly reports with data from trading on regional stock exchanges
- Data presented in Excel, Power Point, Word

For more information on : [www.mbmonitor.com.mk](http://www.mbmonitor.com.mk)