

## MONTHLY STATISTICAL BULLETIN

## OCTOBER 2018

Market capitalization : 166.171.956.507

Turnover: 715.116.199

Number of transactions: 2.574

MBI10: 3.564,50

↑0,71%

↑47,90%

↑39,66%

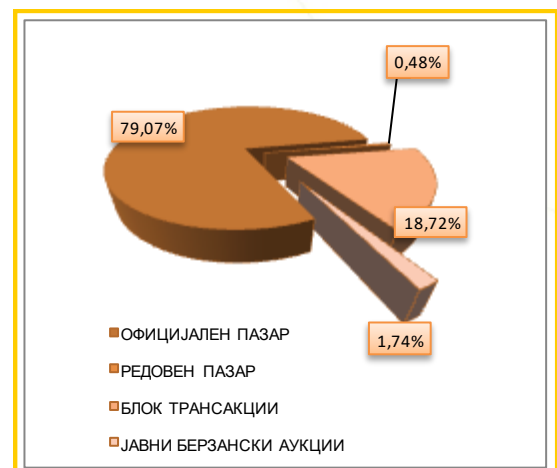
↑0,98%

## BASIC INDICATORS

TURNOVER (denars)	September 2018	October 2018	% of change
<b>TRADING IN BEST</b>	<b>353.818.953</b>	<b>568.838.626</b>	<b>60,77</b>
Shares	346.276.111	528.112.415	52,51
Bonds	7.542.842	40.726.211	439,93
DAILY AVERAGE TURNOVER (denars)	<b>17.690.948</b>	<b>27.087.554</b>	<b>53,12</b>
DAILY AVERAGE NUMBER OF TRANSACTIONS	<b>92</b>	<b>122</b>	<b>32,61</b>
<b>BLOCK TRANSACTIONS</b>	<b>129.702.164</b>	<b>133.845.900</b>	<b>3,19</b>
<b>PUBLIC AUCTIONS</b>	<b>0</b>	<b>12.431.673</b>	<b>-</b>
<b>PUBLIC OFFERING</b>	<b>0</b>	<b>0</b>	<b>-</b>
<b>TOTAL</b>	<b>483.521.117</b>	<b>715.116.199</b>	<b>47,90</b>
<b>NUMBER OF TRANSACTIONS</b>			
TRADING IN BEST	1.827	2.548	39,46
BLOCK TRANSACTIONS	16	17	6,25
PUBLIC AUCTIONS	0	9	-
PUBLIC OFFERING	0	-	-
<b>TOTAL</b>	<b>1.843</b>	<b>2.574</b>	<b>39,66</b>
<b>MARKET CAPITALIZATION (denars)</b>			
<b>MARKET CAPITALIZATION OF SHARES</b>	<b>165.006.303.844</b>	<b>166.171.956.507</b>	<b>0,71</b>
OFFICIAL MARKET-SHARES	161.609.672.679	162.775.325.342	0,72
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>3.350.742.635</b>	<b>3.378.332.367</b>	<b>0,82</b>
<b>TOTAL MARKET CAPITALIZATION</b>	<b>168.357.046.478</b>	<b>169.550.288.873</b>	<b>0,71</b>
<b>MBI10</b>	<b>3.530,08</b>	<b>3.564,50</b>	<b>0,98</b>
<b>OMB</b>	<b>129,48</b>	<b>130,66</b>	<b>0,91</b>
<b>NUMBER OF LISTED SECURITIES</b>	<b>106</b>	<b>106</b>	<b>0,00</b>
<b>NUMBER OF TRADING DAYS</b>	<b>20</b>	<b>21</b>	<b>5,00</b>

## TURNOVER STRUCTURE

Market segment	Turnover (denars)	Turnover (EUR)	%	Number of transactions
OFFICIAL MARKET	565.416.944	9.194.811	79,07	2.534
REGULAR MARKET	3.421.682	55.644	0,48	14
BLOCK TRANSACTIONS	133.845.900	2.176.544	18,72	17
PUBLIC AUCTIONS	12.431.673	202.162	1,74	9
PUBLIC OFFERING	0	0	0,00	0
<b>TOTAL</b>	<b>715.116.199</b>	<b>11.629.161</b>	<b>100,00</b>	<b>2.574</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	5.699,00	4.860,00	5.193,12	30.984	161.109.250	2.619.972	30,71	545	12.312.294.817
Alkaloid AD Skopje	8.629,00	7.720,00	8.120,33	8.217	66.542.899	1.082.116	12,68	277	11.877.710.719
NLB banka AD Skopje	15.490,00	13.990,00	14.387,16	4.192	61.380.658	998.194	11,7	130	12.640.102.800
Makpetrol AD Skopje	52.399,00	43.700,00	46.928,74	1.043	49.165.789	799.521	9,37	229	5.394.276.438
Granit AD Skopje	899,00	765,00	820,03	39.086	32.758.603	532.713	6,24	189	2.579.956.680
Stopanska banka AD Skopje	1.264,00	1.052,00	1.137,91	20.175	22.974.904	373.626	4,38	151	20.545.568.408
UNI banka AD Skopje	2.626,00	2.261,00	2.360,80	7.361	17.482.712	284.301	3,33	105	1.337.668.150
Ohridska banka AD Skopje	6.800,00	6.151,00	6.433,44	2.352	15.432.807	250.967	2,94	75	3.400.397.108
Prilepska Pivarnica AD Prilep	48.350,00	45.000,00	45.784,90	276	12.715.950	206.784	2,42	18	1.898.225.444
TTK banka AD Skopje	1.300,00	1.084,00	1.175,40	9.959	11.764.829	191.324	2,24	81	1.180.254.400
Rest				81.845	69.644.521	1.132.563	13,27	567	89.608.870.379
<b>Total</b>				<b>205.490</b>	<b>520.972.922</b>	<b>8.472.081</b>	<b>100,00</b>	<b>2.367</b>	<b>162.775.325.342</b>

## TOP GAINERS / TOP LOSERS—OFFICIAL MARKET

Issuer	Average price (denars) 30.09.2018	Average price (denars) 31.10.2018	% of change
<b>TOP GAINERS</b>			
Stokopromet Skopje	179,00	1.200,00	570,39
VV Tikves Skopje	5.155,62	6.000,00	16,38
RZ Uslugi Skopje	118,25	130,29	10,18
Hotel Metropol Ohrid	350,00	385,00	10,00
Pekabesko Kadino, Ilinden	14.000,00	15.400,00	10,00
<b>TOP LOSERS</b>			
Toplifikacija Skopje	1.269,52	972,00	-23,44
Arcelormittal Skopje (CRM) Skopje	64,79	57,00	-12,02
Stopanska banka Skopje— preference	1.293,07	1.200,00	-7,20
Automakedonija Skopje	1.900,00	1.800,00	-5,26
Cementarnica USJE Skopje	23.800,00	23.000,00	-3,36

## 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)	98,00	98,00	98,00	19.10.2018	87.646	5.281.952	85.893	3,91%
Government bonds-denationalization X issue (RMDEN10)	98,60	97,10	98,60	29.10.2018	14.803	889.322	14.462	2,91%
Government bonds-denationalization XII issue (RMDEN12)	97,00	96,00	97,00	19.10.2018	31.560	1.882.474	30.612	3,24%
Government bonds-denationalization XIII issue (RMDEN13)	97,50	97,00	97,50	31.10.2018	10.321	616.427	10.024	2,86%
Government bonds-denationalization XIV issue (RMDEN14)	96,00	96,00	96,00	09.10.2018	5.897	348.131	5.661	3,21%
Government bonds-denationalization XV issue (RMDEN15)	96,50	96,50	96,50	30.10.2018	9.974	591.884	9.625	2,93%
Government bonds-denationalization XVI issue (RMDEN16)	97,70	96,00	97,70	31.10.2018	444.817	26.660.927	433.549	2,54%
Government bonds-denationalization XVII issue (RMDEN17)	96,40	96,10	96,40	31.10.2018	75.350	4.455.095	72.447	2,80%

\* The model for calculation of annual average yield to maturity is adapted to the characteristics of the bonds. Calculation date is 31.10.2018 using the last average price of the bonds.

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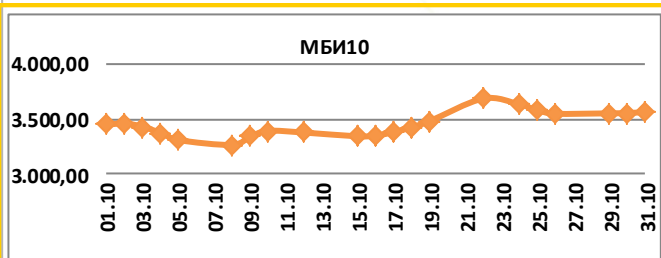
## MBI10

Value at 31.10.2018 **3.564,50**

MAX Value in October (22.10.2018) 3.687,76

MIN Value in October (08.10.2018) 3.266,96

% of change from 28.12.2017 40,40%



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

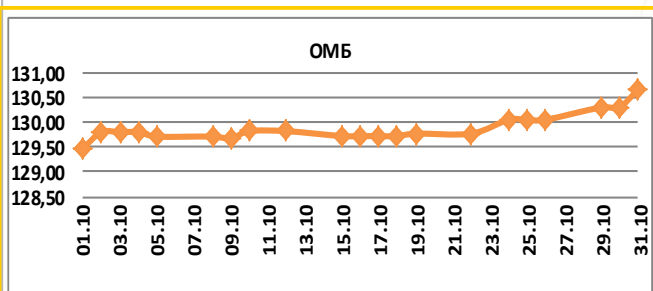
## OMB

Value at 31.10.2018 **130,66**

MAX Value in October (31.10.2018) 130,66

MIN Value in October (01.10.2018) 129,48

% of change from 28.12.2017 1,63%



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

Composition of MBI10	Turnover (denars)	Volume	Num. of trans.	Last average price	% of monthly change of price
Alkaloid AD Skopje	66.542.899	8.217	277	8.298,24	-0,65
Granit AD Skopje	34.263.403	40.886	190	840,00	-2,84
Komercijalna banka AD Skopje	251.765.430	48.187	553	5.402,34	2,77
Makpetrol AD Skopje	49.165.789	1.043	229	47.999,47	-0,71
Makedonijaturist AD Skopje	7.844.505	1.670	38	5.170,00	6,04
Stopanska banka AD Skopje	22.974.904	20.175	151	1.176,71	1,82
TTK banka AD Skopje	11.764.829	9.959	81	1.300,00	8,42
Makedonski Telekom AD Skopje	1.872.057	6.582	32	288,95	0,13
Ohridska banka AD Skopje	18.678.807	2.832	77	6.585,45	-0,22
NLB Banka AD Skopje	91.780.658	6.192	131	14.800,00	3,67

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	98,00	0,00
Government bonds-denationalization X issue (RMDEN10)	0	0	0	95,30	0,00
Government bonds-denationalization XI issue (RMDEN11)	0	0	0	97,00	0,00
Government bonds-denationalization XII issue (RMDEN12)	0	0	0	97,10	0,00
Government bonds-denationalization XIII issue (RMDEN13)	65.548	1.100	1	96,90	2,54
Government bonds-denationalization XIV issue (RMDEN14)	103.181	1.756	2	96,30	2,45
Government bonds-denationalization XV issue (RMDEN15)	423.747	7.152	4	96,50	0,52
Government bonds-denationalization XVI issue (RMDEN16)	3.268.013	55.359	16	96,00	1,05
Government bonds-denationalization XVII issue (RMDEN17)	9.073.688	153.597	37	96,10	0,10



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## MBI10 LISTED COMPANIES RATIOS

Issuer	P/E Ratio <sup>1</sup>	Dividend yield <sup>2</sup>	Foreign investors participation in October 2018	Foreign investors participation in September 2018	Change
Alkaloid AD Skopje	14,69	3,30%	5,54%	5,59%	-0,05%
Granit AD Skopje	14,71	3,25%	7,26%	7,33%	-0,07%
Komercijalna banka AD Skopje	18,87	3,29%	6,25%	6,50%	-0,25%
Makpetrol AD Skopje	17,15	2,08%	1,68%	1,92%	-0,24%
Makedonijaturist AD Skopje	21,27	4,02%	0,95%	0,98%	-0,03%
Stopanska banka AD Skopje	10,22	9,78%	92,44%	92,44%	0,00%
TTK banka AD Skopje	11,79	8,00%	1,47%	1,47%	0,00%
Makedonski Telekom AD Skopje	20,13	6,33%	1,50%	1,50%	0,00%
Ohridska banka AD Skopje	9,71	1,03%	76,05%	76,07%	-0,02%
NLB banka AD Skopje	5,98	4,18%	88,98%	89,07%	-0,09%

[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 October 2018	Foreign private investors October 2018	Total Foreign entities October 2018	Total Foreign entities September 2018	Change
Shares[3]	34,39%	1,25%	35,64%	35,67%	-0,03%
Bonds[4]	0,12%	0,20%	0,32%	0,19%	0,13%
<b>Total Official market</b>	<b>33,21%</b>	<b>1,22%</b>	<b>34,43%</b>	<b>34,42%</b>	<b>0,01%</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	0,87%	1,61%
Foreign Legal investors	0,32%	9,38%
<b>Total Foreign Legal entities</b>	<b>1,20%</b>	<b>10,99%</b>
Domestic private investors	51,07%	59,57%
Domestic Legal investors	47,73%	29,44%
<b>Total Domestic Legal entities</b>	<b>98,80%</b>	<b>89,01%</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
Eurohaus AD Skopje	EH	209.515.699	18,42	206.281.520	77,06	767.183	6,17	0	0	416.564.402
ILIRIKA INVESTMENTS AD Skopje	IL	346.744.369	30,48	5.072.360	1,89	4.048.088	32,56	0	0	355.864.817
Komercijalna banka AD Skopje	KB	153.809.072	13,52	8.340.000	3,12	134.713	1,08	0	0	162.283.785
NLB Banka Skopje	TN	121.074.081	10,64	29.115.800	10,88	7.481.689	60,18	0	0	157.671.570
INOVO BROKER AD Skopje	IN	76.504.991	6,72	8.804.400	3,29	0	0,00	0	0	85.309.391
TTK Banka AD Skopje	TK	56.695.460	4,98	5.180.000	1,94	0	0,00	0	0	61.875.460
Invest broker Skopje	MI	49.514.473	4,35	2.176.680	0,81	0	0,00	0	0	51.691.153
Stopanska banka AD Skopje	SB	50.924.900	4,48	0	0,00	0	0,00	0	0	50.924.900
Sparkase banka Makedonija AD Skopje	SP	48.023.204	4,22	0	0,00	0	0,00	0	0	48.023.204
Eurostandard Banka AD Skopje	ES	16.684.109	1,47	2.721.040	1,02	0	0,00	0	0	19.405.149
Fersped broker AD Skopje	FR	8.186.895	0,72	0	0,00	0	0,00	0	0	8.186.895
<b>Total</b>		<b>1.137.677.253</b>	<b>100,00</b>	<b>267.691.800</b>	<b>100,00</b>	<b>12.431.673</b>	<b>100,00</b>	<b>0</b>	<b>100</b>	<b>1.417.800.726</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.



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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 закупвање на хв	% од вредноста на вкупните вложувања
<b>скратен преглед на поединечна трансакција</b>										
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%
<b>детален преглед на поединечна трансакција</b>										
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 закупвање на хв		8,85%					
Трансакциони трошоци (во ден.)	500,00		% од вредноста на вкупните вложувања		1,00%					
P.Македонија - дивансализација 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 закупвање на хв		10,05%					
Трансакциони трошоци (во ден.)	500,00		% од вредноста на вкупните вложувања		0,30%					
<b>TOTAL</b>			<b>36.067.092,08</b>		<b>62.684.319,35</b>		<b>26.617.629,57</b>		<b>100,00%</b>	

Опис на хв	Податоци од тргувањето
Лазарен сегмент	Официјален пазар
Лазарен подсегмент	Берзанска котација - обични акции
Тип на хв	Обични акции
ISIN број	MKALKA101011
Вкупни издадени хв	1431353
Шифра на хв	ALK
Номинална вредност	25,56 EUR
<b>Дејења на цената и прометот</b>	
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
<b>Показатели по акција за издавачот</b>	
Коefициент цена / добитка	10,43
Дивиденден принос	3,98%
Коefициент цена / Книговодствена вредност по акција	0,91
Коefициент цена / Акумулирана добитка по акција	2,62
Коefициент цена / приходи од продажба	1,01
Коefициент цена / парични прилими од оперативни активности	13,59
Коefициент цена / оперативна добитка	8,93
Коefициент 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
Коefициент цена / добитка за посл. 12 месеци	9,77

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