

## MONTHLY STATISTICAL BULLETIN

## SEPTEMBER 2017

Market capitalization : 138.581.446.822

Turnover: 304.497.424

Number of transactions: 1.557

MBI10: 2.688,66

↓0,29%

↓34,08%

↑6,79%

↑1,54%

## BASIC INDICATORS

TURNOVER (denars)	August 2017	September 2017	% of change
<b>TRADING IN BEST</b>	<b>236.865.004</b>	<b>261.562.324</b>	<b>10,43</b>
Shares	234.870.133	251.775.793	7,20
Bonds	1.994.871	9.786.531	390,58
DAILY AVERAGE TURNOVER (denars)	<b>11.279.286</b>	<b>13.078.116</b>	<b>15,95</b>
DAILY AVERAGE NUMBER OF TRANSACTIONS	<b>69</b>	<b>77</b>	<b>11,59</b>
<b>BLOCK TRANSACTIONS</b>	<b>225.055.779</b>	<b>42.935.100</b>	<b>-80,92</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>461.920.783</b>	<b>304.497.424</b>	<b>-34,08</b>

## NUMBER OF TRANSACTIONS

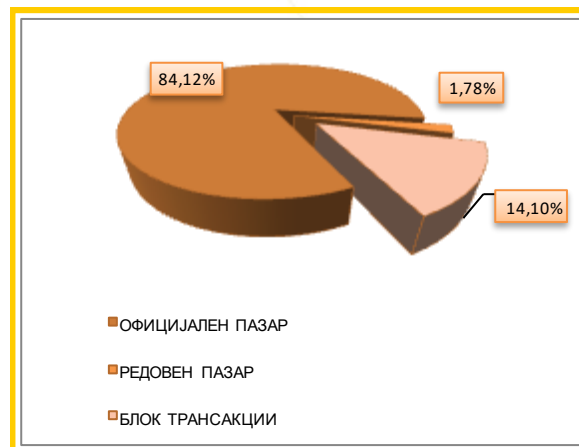
TRADING IN BEST	1.442	1.552	7,63
BLOCK TRANSACTIONS	16	5	-68,75
PUBLIC AUCTIONS	0	0	-
PUBLIC OFFERING	0	0	-
<b>TOTAL</b>	<b>1.458</b>	<b>1.557</b>	<b>6,79</b>

## MARKET CAPITALIZATION (denars)

<b>MARKET CAPITALIZATION OF SHARES</b>	<b>138.985.123.004</b>	<b>138.581.446.822</b>	<b>-0,29</b>
OFFICIAL MARKET-SHARES	135.588.491.839	135.184.815.657	-0,30
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>3.496.246.227</b>	<b>3.473.934.810</b>	<b>-0,64</b>
<b>TOTAL MARKET CAPITALIZATION</b>	<b>142.481.369.230</b>	<b>142.055.381.633</b>	<b>-0,30</b>
<b>MBI10</b>	<b>2.647,85</b>	<b>2.688,66</b>	<b>1,54</b>
<b>OMB</b>	<b>129,35</b>	<b>128,54</b>	<b>-0,63</b>
<b>NUMBER OF LISTED SECURITIES</b>	<b>107</b>	<b>107</b>	<b>0,00</b>
<b>NUMBER OF TRADING DAYS</b>	<b>21</b>	<b>20</b>	<b>-4,76</b>

## TURNOVER STRUCTURE

Market segment	Turnover (denars)	Turnover (EUR)	%	Number of transactions
OFFICIAL MARKET	256.142.009	4.155.652	84,12	1.531
REGULAR MARKET	5.420.315	87.895	1,78	21
BLOCK TRANSACTIONS	42.935.100	697.658	14,10	5
PUBLIC AUCTIONS	0	0	0,00	0
PUBLIC OFFERING	0	0	0,00	0
<b>TOTAL</b>	<b>304.497.424</b>	<b>4.941.205</b>	<b>100,00</b>	<b>1.557</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	2.939,00	2.851,00	2.895,49	20.783	60.208.728	977.194	24,44	304	6.530.005.559
Alkaloid AD Skopje	7.601,00	6.790,00	7.167,60	7.661	54.886.169	890.630	22,28	257	10.789.381.465
Stopanska banka AD Skopje	980,00	921,00	953,95	25.531	24.481.910	397.092	9,94	153	16.587.171.000
NLB Banka Skopje	13.390,00	12.416,00	12.991,52	1.630	21.123.360	342.655	8,57	87	11.400.006.228
Makpetrol Skopje	31.140,00	29.400,00	30.788,80	643	19.896.513	322.664	8,08	110	3.304.030.800
Granit Ad Skopje	890,00	850,00	874,05	14.001	12.307.470	199.647	5,00	92	2.610.670.450
Stopanska banka Bitola	2.280,00	2.180,00	2.220,10	3.631	8.067.137	130.904	3,27	40	891.427.560
Makedonijaturist Skopje	4.899,00	4.500,00	4.636,57	1.435	6.688.828	108.636	2,72	34	2.215.558.053
Makedonski Telekom AD Skopje	287,00	267,00	276,70	22.879	6.351.913	103.023	2,58	43	26.814.732.256
Toplifikacija Skopje	1.700,00	1.555,00	1.624,99	3.136	4.988.793	80.864	2,03	59	720.450.000
Rest				64.339	27.354.657	443.620	11,10	319	53.321.382.286
				<b>165.669</b>	<b>246.355.478</b>	<b>3.996.931</b>	<b>100,00</b>	<b>1.498</b>	<b>135.184.815.657</b>

## TOP GAINERS / TOP LOSERS—OFFICIAL MARKET

Issuer	Average price (denars) 31.08.2017	Average price (denars) 30.09.2017	% of change
<b>TOP GAINERS</b>			
Lotarija na Makedonija Skopje	134,00	600,00	347,76
Popova kula Demir Kapija	12,00	14,00	16,67
Alkaloid Skopje	6.840,00	7.537,89	10,20
Makedonijaturist Skopje	4.500,00	4.899,00	8,87
Arcelormittal Skopje (HRM) Skopje	25,00	27,00	8,00
<b>TOP LOSERS</b>			
Zito Luks Skopje	260,00	143,00	-45,00
Centralna Kooperativna banka Skopje	615,00	400,00	-34,96
ZK Pelagonija Bitola	3.031,00	2.501,00	-17,49
RZ Ulugi Skopje	153,00	132,00	-13,73
Arcelormittal Skopje (CRM) Skopje	50,00	44,00	-12,00

## 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 X issue (RMDEN10)	95,50	95,50	95,50	06.09.2017	530	31.227	506	4,23%
Government bonds-denationalization XIII issue (RMDEN13)	96,20	95,00	95,00	13.09.2017	6.849	404.740	6.561	3,50%
Government bonds-denationalization XIV issue (RMDEN14)	95,00	92,00	95,00	07.09.2017	5.185	299.917	4.861	3,32%
Government bonds-denationalization XV issue (RMDEN15)	97,80	92,50	92,50	28.09.2017	153.147	9.050.646	146.793	3,82%

\* The model for calculation of annual average yield to maturity is adapted to the characteristics of the bonds. Calculation date is 30.09.2017 using the last average price of the bonds.

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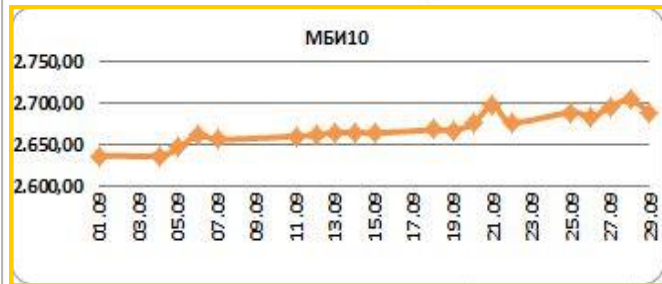
## MBI10

Value at 30.09.2017 **2.688,66**

MAX Value in September (28.09.2017) 2.704,71

MIN Value in September (01.09.2017) 2.637,36

% of change from 29.12.2016 25,94%



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	54.886.169	7.661	257	7.537,89	10,20
Granit AD Skopje	12.307.470	14.001	92	850,00	-3,19
Komercijalna banka AD Skopje	73.444.328	26.488	305	2.865,21	-2,37
Makpetrol AD Skopje	28.346.013	943	111	29.400,00	-5,16
Makedonijaturist AD Skopje	6.688.828	1.435	34	4.899,00	8,87
Stopanska banka AD Skopje	24.481.910	25.531	153	950,00	0,42
Stopanska banka AD Bitola	8.067.137	3.631	40	2.280,00	7,55
Makedonski Telekom AD Skopje	6.351.913	22.879	43	279,79	-0,06
Ohridska banka AD Skopje	4.902.079	837	31	5.800,00	-0,85
NLB Banka AD Skopje	21.123.360	1.630	87	13.348,00	2,59

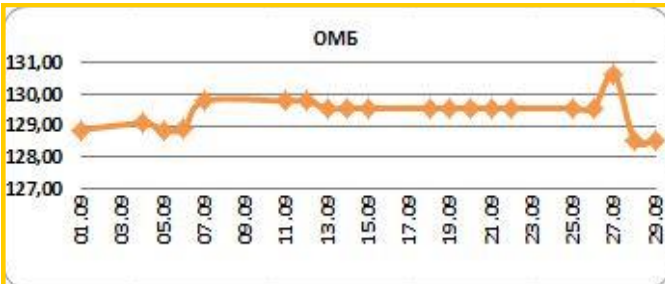
## OMB

Value at 30.09.2017 **128,54**

MAX Value in September (27.09.2017) 130,67

MIN Value in September (28.09.2017) 128,54

% of change from 29.12.2016 0,56%



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	95,20	0,00
Government bonds-denationalization IX issue (RMDEN09)		0	0	98,00	0,00
Government bonds-denationalization X issue (RMDEN10)	31.227	530	1	95,50	1,49
Government bonds-denationalization XI issue (RMDEN11)		0	0	96,30	0,00
Government bonds-denationalization XII issue (RMDEN12)		0	0	95,80	0,00
Government bonds-denationalization XIII issue (RMDEN13)	404.740	6.849	2	95,00	0,00
Government bonds-denationalization XIV issue (RMDEN14)	299.917	5.185	4	95,00	0,53
Government bonds-denationalization XV issue (RMDEN15)	9.050.646	153.147	26	92,50	-2,50



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## MBI10 LISTED COMPANIES RATIOS

Issuer	P/E Ratio <sup>1</sup>	Dividend yield <sup>2</sup>	Foreign investors participation in September 2017 <sup>3</sup>	Foreign investors participation in August 2017 <sup>3</sup>	Change
Alkaloid AD Skopje	14,36	3,41%	6,57%	6,64%	-0,07%
Granit AD Skopje	8,62	3,39%	9,13%	9,20%	-0,07%
Komercijalna banka AD Skopje	8,14	5,31%	36,25%	36,33%	-0,08%
Makpetrol AD Skopje	8,64	3,33%	5,02%	5,04%	-0,02%
Makedonijaturist AD Skopje	18,8	3,80%	1,12%	1,16%	-0,04%
Stopanska banka AD Skopje	7,26	30,71%	92,44%	92,45%	-0,01%
Stopanska banka AD Bitola	29,65	0,00%	3,82%	3,79%	0,03%
Makedonski Telekom AD Skopje	25,88	5,18%	1,51%	1,51%	0,00%
Ohridska banka AD Skopje	5,85	1,71%	73,27%	73,24%	0,03%
NLB banka AD Skopje	7,19	7,48%	89,99%	89,99%	0,00%

[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 September 2017	Foreign private investors September 2017	Total Foreign entities September 2017	Total Foreign entities August 2017	Change
Shares[3]	35,34%	1,27%	36,61%	36,62%	-0,01%
Bonds[4]	0,00%	0,07%	0,07%	0,07%	0,00%
<b>Total Official market</b>	<b>34,07%</b>	<b>1,23%</b>	<b>35,30%</b>	<b>35,30%</b>	<b>0,00%</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	2,13%	4,24%
Foreign Legal investors	0,00%	3,76%
<b>Total Foreign Legal entities</b>	<b>2,13%</b>	<b>8,01%</b>
Domestic private investors	42,69%	63,22%
Domestic Legal investors	55,17%	28,77%
<b>Total Domestic Legal entities</b>	<b>97,87%</b>	<b>91,99%</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	135.269.675	25,86	20.391.000	23,75	0	0,00	0	0,00	155.660.675
ILIRIKA INVESTMENTS AD Skopje	IL	109.781.500	20,99	26.471.200	30,83	0	0,00	0	0,00	136.252.700
INOVO BROKER AD Skopje	IN	41.977.403	8,02	39.008.000	45,43	0	0,00	0	0,00	80.985.403
Eurohaus AD Skopje	EH	47.432.771	9,07	0	0,00	0	0,00	0	0,00	47.432.771
Invest broker AD Skopje	MI	35.519.332	6,79	0	0,00	0	0,00	0	0,00	35.519.332
Sparkase banka Makedonija AD Skopje	SP	33.954.506	6,49	0	0,00	0	0,00	0	0,00	33.954.506
TTK Banka AD Skopje	TK	32.698.958	6,25	0	0,00	0	0,00	0	0,00	32.698.958
Stopanska banka AD Skopje	SB	27.909.768	5,34	0	0,00	0	0,00	0	0,00	27.909.768
NLB Banka Skopje	TN	26.804.731	5,12	0	0,00	0	0,00	0	0,00	26.804.731
Eurostandard Banka AD Skopje	ES	18.297.546	3,50	0	0,00	0	0,00	0	0,00	18.297.546
Fersped Broker AD Skopje	FR	13.478.459	2,58	0	0,00	0	0,00	0	0,00	13.478.459
<b>Total</b>		<b>523.124.648</b>	<b>100,00</b>	<b>85.870.200</b>	<b>100,00</b>	<b>0</b>	<b>100,00</b>	<b>0</b>	<b>100,00</b>	<b>608.994.848</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 - 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	Шифра	Куповна вредност - акумул. (во ден.)
Македонски Телеком Скопје (TEL)	Shara	350,000.00
Датум на трансакција	11.06.2009	Датум на последна цена
Број на трансакција	1235649	Последна просечна цена
Количина	600,00	Мето вредност (во ден.)
Куповна цена (во ден.)	600,00	Акумулирана камата (во ден.)
Номинална вредност	0,00 MKD	Вкупна вредност (во ден.)
Куповна вредност (во ден.)	360,000.00	Нереализирана добитка / загуба (во ден.)
Купена акумул. камата (во ден.)	0,00	% промена од купување на хв
Трансакциски трошоци (во ден.)	500,00	% од вредноста на акумул. вложувања

Тип на хартија	Датум на трансакција	Број на трансакција	Количина	Куповна цена (во %)	Номинална вредност	Куповна вредност (во ден.)	Купена акумул. камата (во ден.)	Трансакциски трошоци (во ден.)
МАКЕДОНСКИ ДИВЕРЗИФИКАЦИОНИ ФОНДОВИ (МДФ)	11.07.2008	1919	2,250,00	107,092,08	27.11.2007	85,00	117,886,38	11,198,57

Опис на хв	Податоци од тргувањето
Лазарен сегмент	Официјален пазар
Лазарен подсегмент	Берзанска котација - обични акции
Тип на хв	Цена на отварање
ISIN број	МККА101011
Вкупни издадени хв	Највисока цена
Шифра на хв	Просечна цена во ден
Номинална вредност	Количина
	Промет
	Трансакции

Движења на цената и прометот	Показатели по акција за издавачот
Највисока цена во пос. 52 недели	Коefициент цена / добитка
Најниска цена во пос. 52 недели	Дивиденден принос
% промена во посл. 30 дена	Коefициент цена / Книгководствена вредност по акција
% промена во посл. 3 месеци	Коefициент цена / Акумулирана добитка по акција
% промена во посл. 6 месеци	Коefициент цена / приходи од продажба
% промена во посл. 1 година	Коefициент цена / парични приливи од оперативни активности
Просечен дневен промет во пос. 30 дена	Коefициент цена / оперативна добитка
Просечен дневен промет во пос. 3 месеци	Коefициент цена / EBITDA
Просечен дневен промет во теквоната година	Највисок P/E во пос. 52 недели
Просечен дневен промет во пос. 52 недели	Најнисок P/E во пос. 52 недели
	Мето добитка по акција за пос. 12 месеци
	Коefициент цена / добитка за пос. 12 месеци

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	Фев.12		Фев.12		% на промена во однос на припадниот трговски ден
	Датум	Вкупен промет EUR	Датум	Вкупен промет EUR	
Македонска Берза АД Скопје	20.02.2012	286,099	21.02.2012	297,367	0,36
Београдска берза а.д. Београд	20.02.2012	686,848	21.02.2012	638,889	-15,49
Загребачка берза а.д. Загреб	20.02.2012	1,860,296	21.02.2012	1,847,965	-22,85
Љубљанска берза, д.д. Љубљана	20.02.2012	666,638	21.02.2012	670,876	45,28
Варшавска берза	20.02.2012	131,573	21.02.2012	131,959	-0,16
Биржа на Берлин	20.02.2012	64,848	21.02.2012	74,286	12,19
Бостонска берза АО	20.02.2012	88,175	21.02.2012	11,882	-26,81

Индекс	Фев.12		Фев.12		% на промена во однос на припадниот трговски ден	% на месечна промена од 31.12. (YTD)	% на годишен промен (YTY)
	Датум	Вредност индекс	Датум	Вредност индекс			
INDEX	20.02.2012	2,092,75	21.02.2012	2,078,88	-2,11	2,09	20,12
BELX	20.02.2012	341,82	21.02.2012	338,18	-3,67	0,30	7,43
SOPIX	20.02.2012	1,736,40	21.02.2012	1,754,16	1,00	1,40	1,56
BVLBI	20.02.2012	379,01	21.02.2012	369,49	-4,88	-5,29	-4,09
BIAX	20.02.2012	802,80	21.02.2012	815,77	1,59	0,42	-4,13
BSEBI	20.02.2012	788,60	21.02.2012	788,79	0,09	-1,81	-1,87
INDEX 10	20.02.2012	9,430,81	21.02.2012	9,395,46	-0,37	0,77	2,72
BGFIX	20.02.2012	310,28	21.02.2012	309,26	-0,42	-0,30	-0,22
STX	20.02.2012	2,360,68	21.02.2012	2,214,68	-11,19	1,36	6,83
CASAX	20.02.2012	3,472,34	21.02.2012	3,465,24	-0,21	2,21	5,03
SNX	20.02.2012	6,948,25	21.02.2012	6,908,18	-0,59	2,22	6,96
PTSE100	20.02.2012	9,980,21	21.02.2012	9,920,26	-0,29	0,81	4,34
ROPIX100	20.02.2012	12,948,87	21.02.2012	12,961,69	0,12	0,48	2,63
WAP100	20.02.2012	1,981,22	21.02.2012	1,980,21	-0,07	0,31	3,79
INDEX 200	20.02.2012	6,488,04	21.02.2012	6,460,80	-0,21	2,49	7,89

### 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

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