

## MONTHLY STATISTICAL BULLETIN

## SEPTEMBER 2016

Market capitalization : 106.683.825.778

Turnover: 156.578.963

Number of transactions: 1.017

MBI10: 1.954,40

↑0,74%

↓14,38%

960

↓0,50%

## BASIC INDICATORS

TURNOVER (denars)	August 2016	September 2016	% of change
<b>TRADING IN BEST</b>	<b>146.631.695</b>	<b>120.705.291</b>	<b>-17,68</b>
Shares	113.803.371	101.234.410	-11,04
Bonds	32.828.324	19.470.881	-40,69
DAILY AVERAGE TURNOVER (denars)	6.665.077	5.747.871	-13,76
DAILY AVERAGE NUMBER OF TRANSACTIONS	46	45	-2,17
<b>BLOCK TRANSACTIONS</b>	<b>36.244.830</b>	<b>35.873.672</b>	<b>-1,02</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>182.876.525</b>	<b>156.578.963</b>	<b>-14,38</b>

## NUMBER OF TRANSACTIONS

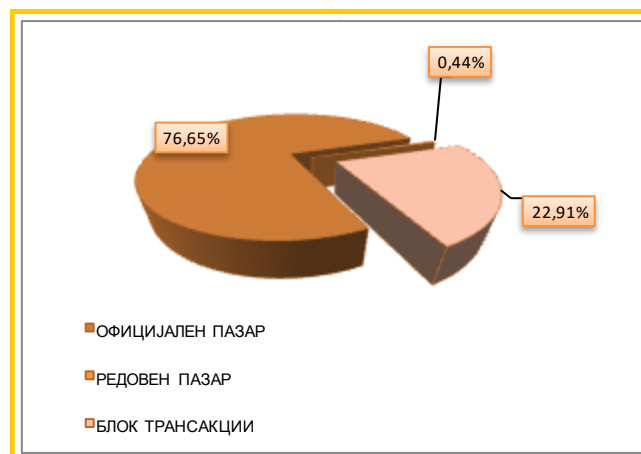
TRADING IN BEST	1.013	948	-6,42
BLOCK TRANSACTIONS	4	12	200,00
PUBLIC AUCTIONS	0	0	-
PUBLIC OFFERING	0	0	-
<b>TOTAL</b>	<b>1.017</b>	<b>960</b>	<b>-5,60</b>

## MARKET CAPITALIZATION (denars)

<b>MARKET CAPITALIZATION OF SHARES</b>	<b>105.895.923.313</b>	<b>106.683.825.778</b>	<b>0,74</b>
OFFICIAL MARKET-SHARES	102.478.174.108	103.266.076.573	0,77
MARKET OF JOINT STOCK COMPANIES WITH SPECIAL	3.417.749.205	3.417.749.205	0,00
<b>MARKET CAPITALIZATION OF BONDS</b>	<b>4.402.095.445</b>	<b>4.411.253.642</b>	<b>0,21</b>
<b>TOTAL MARKET CAPITALIZATION</b>	<b>110.298.018.758</b>	<b>111.095.079.419</b>	<b>0,72</b>
<b>MBI10</b>	<b>1.964,31</b>	<b>1.954,40</b>	<b>-0,50</b>
<b>OMB</b>	<b>127,03</b>	<b>127,39</b>	<b>0,28</b>
<b>NUMBER OF LISTED SECURITIES</b>	<b>110</b>	<b>110</b>	<b>0,00</b>
<b>NUMBER OF TRADING DAYS</b>	<b>22</b>	<b>21</b>	<b>-4,55</b>

## TURNOVER STRUCTURE

Market segment	Turnover (denars)	Turnover (EUR)	%	Number of transactions
OFFICIAL MARKET	120.018.473	1.951.625	76,65	928
REGULAR MARKET	686.818	11.169	0,44	20
BLOCK TRANSACTIONS	35.873.672	583.367	22,91	12
PUBLIC AUCTIONS	0	0	0,00	0
PUBLIC OFFERING	0	0	0,00	0
<b>TOTAL</b>	<b>156.578.963</b>	<b>2.546.161</b>	<b>100,00</b>	<b>960</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)
Makpetrol AD Skopje	26.300,00	23.502,00	25.194,23	1.015	25.419.325	413.332	25,28	183	2.737.908.723
Alkaloid AD Skopje	5.450,00	5.305,00	5.363,93	3.758	20.262.132	329.493	20,15	153	7.793.774.339
Komercijalna banka AD Skopje	2.489,00	2.350,00	2.405,46	5.546	13.363.612	217.310	13,29	115	5.583.714.150
Ohridska banka AD Skopje	3.350,00	3.249,00	3.268,57	1.701	5.533.205	89.970	5,50	34	1.438.562.080
Prilepska Pivarnica AD Prilep	30.600,00	30.000,00	30.397,71	150	4.561.919	74.184	4,54	15	1.217.507.782
NLB banka AD Skopje	7.549,00	7.400,00	7.471,90	558	4.171.746	67.838	4,15	40	6.413.716.270
Granit AD Skopje	550,00	506,00	529,27	6.497	3.435.628	55.868	3,42	64	1.617.264.273
Stopanska banka AD Skopje	530,00	500,00	515,00	6.055	3.035.750	49.358	3,02	8	113.722.000
TTK Banka AD Skopje	611,00	605,00	606,30	4.762	2.893.960	47.061	2,88	18	553.975.100
Makedonski Telekom AD Skopje	275,00	263,00	270,52	9.966	2.693.440	43.798	2,68	31	25.876.470.600
Rest				19.224	15.658.507	254.625	15,57	214	49.919.461.256
<b>Total</b>				<b>59.232</b>	<b>101.029.224</b>	<b>1.642.838</b>	<b>100,00</b>	<b>875</b>	<b>103.266.076.573</b>

## TOP GAINERS / TOP LOSERS—OFFICIAL MARKET

Issuer	Average price (denars) 31.08.2016	Average price (denars) 30.09.2016	% of change
<b>TOP GAINERS</b>			
Nova stokovna kuka Strumica	23.800,00	92.250,00	287,61
Arcelormittal Skopje (HRM) Skopje	7,00	11,00	57,14
Pekabesko Kadino, Ilinden	3.410,00	5.001,00	46,66
Lotarija na Makedonija Skopje	94,00	127,00	35,11
Hoteli Metropol Ohrid	137,00	183,00	33,58
<b>TOP LOSERS</b>			
Makstil Skopje	70,19	58,00	-17,37
Automakedonija Skopje	1.300,00	1.200,00	-7,69
Makpetrol Skopje	25.700,52	24.362,52	-5,21
ZK Pelagonija Bitola	1.800,00	1.745,00	-3,06
Makedonski Telekom Skopje	275,00	270,00	-1,82

## 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)	96,00	96,00	96,00	02.09.2016	1.700	100.349	1.632	3,97%
Government bonds-denationalization X issue (RMDEN10)	93,40	93,40	93,40	06.09.2016	554	31.819	517	4,73%
Government bonds-denationalization XI issue (RMDEN11)	94,00	94,00	94,00	26.09.2016	2.780	160.699	2.613	4,61%
Government bonds-denationalization XI issue (RMDEN12)	94,00	92,30	94,00	02.09.2016	2.850	163.247	2.655	3,81%
Government bonds-denationalization XIII issue (RMDEN13)	93,60	93,00	93,00	30.09.2016	5.246	300.256	4.883	3,89%
Government bonds-denationalization XIV issue (RMDEN14)	93,20	90,50	93,00	19.09.2016	198.724	11.388.611	185.196	3,70%
Government bonds-denationalization XV issue (RMDEN15)	93,50	92,50	92,98	27.09.2016	128.502	7.325.900	119.123	3,57%

\* The model for calculation of annual average yield to maturity is adapted to the characteristics of the bonds. Calculation date is 30.09.2016 using the last average price of the bonds.

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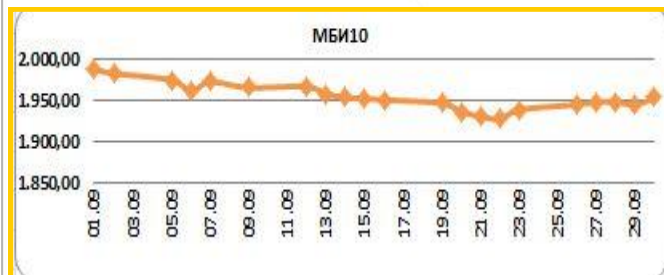
## MBI10

Value at 30.09.2016 1.954,40

MAX Value in September (01.09.2016) 1.988,07

MIN Value in September (22.09.2016) 1.928,11

% of change from 31.12.2015 6,61%

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

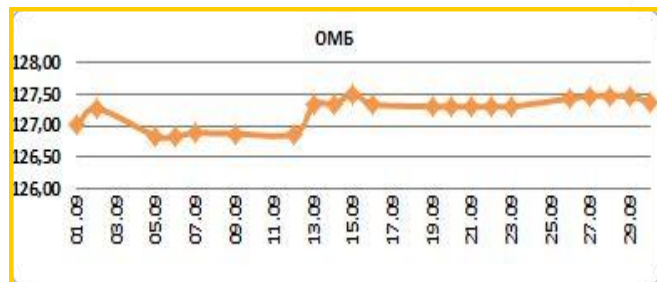
## OMB

Value at 30.09.2016 127,39

MAX Value in September (15.09.2016) 127,51

MIN Value in September (05.09.2016) 126,84

% of change from 31.12.2015 -0,77%

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	20.262.132	3.758	153	5.445,04	1,72
Granit AD Skopje	3.435.628	6.497	64	526,56	1,20
Komercijalna banka AD Skopje	14.491.612	6.016	116	2.450,00	-1,62
Makpetrol AD Skopje	36.625.325	1.458	185	24.362,52	-5,21
Makedonijaturist AD Skopje	1.975.781	571	19	3.491,00	1,10
Stopanska banka AD Skopje	825.628	1.546	20	536,00	2,74
Stopanska banka AD Bitola	1.052.650	894	16	1.150,33	0,03
Makedonski Telekom AD Skopje	2.693.440	9.966	31	270,00	-1,82
Replek AD Skopje	712.996	17	9	42.000,00	5,00
NLB Tutunska banka AD Skopje	4.171.746	558	40	7.509,67	-0,34

Composition of OMB	Turnover (denars)	Volume	Num. of trans.	Last average price	% of monthly change of price
Government bonds-denationalization VII issue (RMDEN07)	0	0	0	97,90	0,00
Government bonds-denationalization VIII issue (RMDEN08)	0	0	0	97,00	0,00
Government bonds-denationalization IX issue (RMDEN09)	100.349	1.700	1	96,00	2,54
Government bonds-denationalization X issue (RMDEN10)	31.819	554	2	93,40	-2,40
Government bonds-denationalization XI issue (RMDEN11)	160.699	2.780	1	94,00	1,40
Government bonds-denationalization XII issue (RMDEN12)	163.247	2.850	2	94,00	-1,16
Government bonds-denationalization XIII issue (RMDEN13)	300.256	5.246	2	93,00	-0,64
Government bonds-denationalization XIV issue (RMDEN14)	11.388.611	198.724	18	93,00	0,00
Government bonds-denationalization XV issue (RMDEN15)	7.325.900	128.502	38	92,98	0,52



## MONTHLY STATISTICAL BULLETIN

## MBI10 LISTED COMPANIES RATIOS

Issuer	P/E Ratio <sup>1</sup>	Dividend yield <sup>2</sup>	Foreign investors participation in September 2016 <sup>3</sup>	Foreign investors participation in August 2016 <sup>3</sup>	Change
Alkaloid AD Skopje	11,67	4,23%	7,22%	7,09%	0,13%
Granit AD Skopje	10,85	5,01%	9,60%	9,53%	0,07%
Komercijalna banka AD Skopje	4,44	4,14%	38,76%	38,81%	-0,05%
Makpetrol AD Skopje	1.301,14	0,00%	5,90%	5,85%	0,05%
Makedonijaturist AD Skopje	11,63	5,93%	1,15%	1,14%	0,01%
Stopanska banka AD Skopje	4,88	0,00%	92,97%	93,03%	-0,06%
Stopanska banka AD Bitola	57,35	0,00%	4,31%	4,27%	0,04%
Makedonski Telekom AD Skopje	20,75	6,36%	1,51%	1,51%	0,00%
Replek AD Skopje	18,84	5,81%	18,44%	18,44%	0,00%
NLB Tutunska banka AD Skopje	7,75	9,03%	90,35%	90,35%	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 2016	Foreign private investors September 2016	Total Foreign entities September 2016	Total Foreign entities August 2016	Change
Shares[3]	35,28%	1,30%	36,58%	36,59%	-0,01%
Bonds[4]	0,00%	0,07%	0,07%	0,07%	0,00%
<b>Total Official market</b>	<b>33,75%</b>	<b>1,24%</b>	<b>34,99%</b>	<b>35,01%</b>	<b>-0,02%</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	11,11%	3,03%
Foreign Legal investors	3,07%	11,92%
<b>Total Foreign Legal entities</b>	<b>14,18%</b>	<b>14,95%</b>
Domestic private investors	33,99%	56,10%
Domestic Legal investors	51,83%	28,95%
<b>Total Domestic Legal entities</b>	<b>85,82%</b>	<b>85,05%</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	94.895.244	39,31	13.138.144	18,31	0	0	0	0	108.033.388
ILIRIKA INVESTMENTS AD Skopje	IL	51.500.837	21,33	26.370.000	36,75	0	0	0	0	77.870.837
INOVO BROKER AD Skopje	IN	8.674.812	3,59	16.264.000	22,67	0	0	0	0	24.938.812
Eurohaus AD Skopje	EH	17.665.554	7,32	1.118.000	1,56	0	0	0	0	18.783.554
Eurostandard Banka AD Skopje	ES	6.298.950	2,61	11.391.856	15,88	0	0	0	0	17.690.806
Stopanska banka AD Skopje	SB	16.795.172	6,96	0	0,00	0	0	0	0	16.795.172
NLB Banka Skopje	TN	16.470.674	6,82	0	0,00	0	0	0	0	16.470.674
TTK Banka AD Skopje	TK	14.777.901	6,12	0	0,00	0	0	0	0	14.777.901
Fersped Broker AD Skopje	FR	6.498.531	2,69	3.465.344	4,83	0	0	0	0	9.963.875
Investbroker AD Skopje	MI	7.832.906	3,24	0	0,00	0	0	0	0	7.832.906
<b>Total</b>		<b>241.410.582</b>	<b>100,00</b>	<b>71.747.344</b>	<b>100,00</b>	<b>0</b>	<b>100,00</b>	<b>0</b>	<b>100,00</b>	<b>313.157.926</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	360,000.00
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

Шифра на XB	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.)
ALJK	10.11.2009	али-продај	1,000,00	4,000,000.00	11.01.2009	10,614.52	10,614.520.00	6,614.520.00
RMDE01	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	МКАЛКА101011
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 тековната година	Највисок P/E во пос. 52 недели
Просечен дневен промет во пос. 52 недели	Најнисок P/E во пос. 52 недели
	Нето 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	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	297,367	0,36
Београдска берза с.б. Београд	20.02.2012	686,484	21.02.2012	638,889	-7,09
Загребачка берза с.б.	20.02.2012	1,860,296	21.02.2012	1,847,965	-0,66
Љубљанска берза, с.б. Љубљана	20.02.2012	666,638	21.02.2012	670,876	0,64
Варшавска берза	20.02.2012	131,573	21.02.2012	131,959	0,29
Биржа на берза	20.02.2012	64,848	21.02.2012	74,286	12,99
Бостонска берза АО	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
STOEX	20.02.2012	1,736,40	21.02.2012	1,754,16	1,00
WVTOX	20.02.2012	379,01	21.02.2012	369,49	-2,63
BIAX	20.02.2012	802,80	21.02.2012	813,77	1,37
INDEX10	20.02.2012	788,66	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	-6,83
ATX	20.02.2012	2,360,68	21.02.2012	2,214,68	-6,19
CASAX	20.02.2012	3,472,54	21.02.2012	3,465,24	-0,21
SNX	20.02.2012	6,948,25	21.02.2012	6,908,18	-0,58
FTSE05	20.02.2012	9,980,21	21.02.2012	9,920,26	-0,60
FTSE05E	20.02.2012	12,948,87	21.02.2012	12,963,69	0,11
WAP05	20.02.2012	1,981,23	21.02.2012	1,960,21	-0,67
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

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