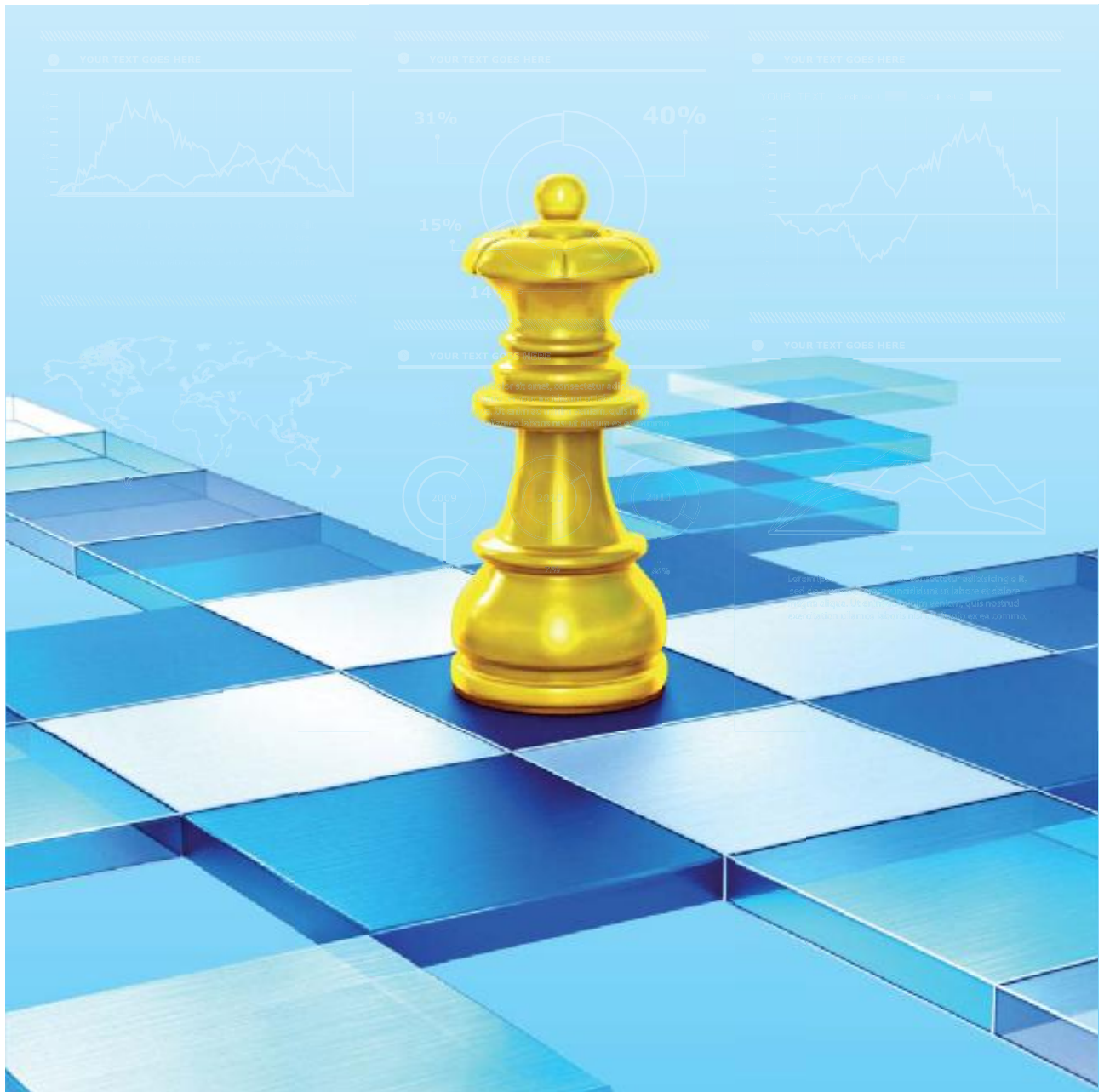


**AXIA** **NUMBERS**  
**DERIVATIVES**  
monthly statistics bulletin  
issue 06 - august  
**2 0 1 3**





### DISCLAIMER

Athens Exchange (ATHEX) makes all efforts to keep all published information updated and accurate. The information is to be seen as general and it does not constitute in any case, professional, investment, legal or any other advice.

The bulletin is the property of ATHEX and is protected by Greek and international copyright law.

All rights are reserved. Reproduction, publishing, imitation, modification, copying, sale, transition or distribution in any form or by any means, in whole or in part, without the prior reference in source, is strictly forbidden. (source: *Athens Exchange, Monthly Statistics Bulletin, August 2013*).

Any commercial exploitation of these data by third parties is forbidden.

ATHEX cannot be held liable to modification of the information provided herein when third parties are involved.

#### Clarifications and further information

Information Services Department  
Market Operation and Member Support Division  
Tel. +30 210 3366800  
e-mail: [Information\\_Services@helex.gr](mailto:Information_Services@helex.gr)

Statistical data processing  
Athens Exchange – ATHEX Information Services  
Translation - Layout design  
Athens Exchange – ATHEX Information Services



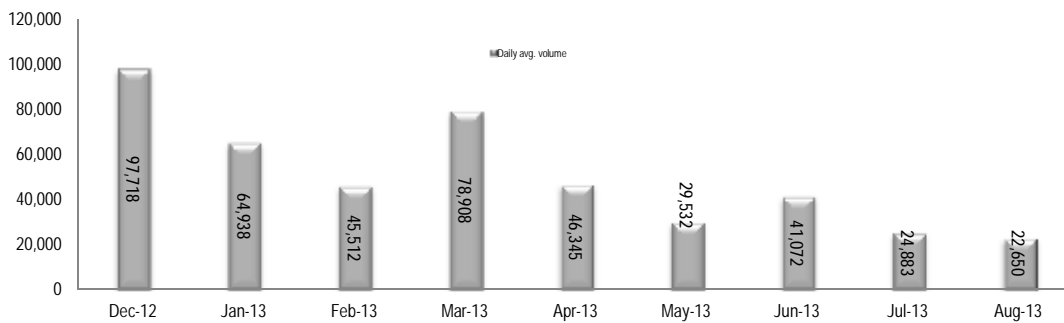
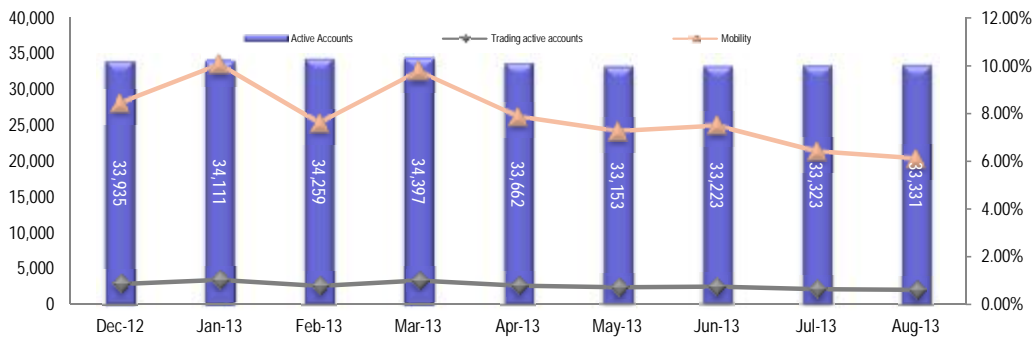
### TABLE OF CONTENTS

1. Investors' accounts
2. Investors' participation in the Derivatives Market
3. Investors participation in Futures
4. Investors participation in Index Futures
5. Investors participation in Stock Futures
6. Investors participation in Options
7. Investors participation in Index Options
8. Investors participation in Stock Options
9. Derivatives market figures overview
10. Notes – Clarifications



### 1. Investors' accounts

| Investors' accounts |                 |                         |          |                   |
|---------------------|-----------------|-------------------------|----------|-------------------|
| Months              | Active Accounts | Trading active accounts | Mobility | Daily avg. volume |
| Dec-2012            | 33,935          | 2,868                   | 8.45%    | 97,718            |
| Jan-2013            | 34,111          | 3,429                   | 10.05%   | 64,938            |
| Feb-2013            | 34,259          | 2,607                   | 7.61%    | 45,512            |
| Mar-2013            | 34,397          | 3,364                   | 9.78%    | 78,908            |
| Apr-2013            | 33,662          | 2,654                   | 7.88%    | 46,345            |
| May-2013            | 33,153          | 2,409                   | 7.27%    | 29,532            |
| Jun-2013            | 33,223          | 2,491                   | 7.50%    | 41,072            |
| Jul-2013            | 33,323          | 2,142                   | 6.43%    | 24,883            |
| Aug-2013            | 33,331          | 2,042                   | 6.13%    | 22,650            |
| Sep-2013            |                 |                         |          |                   |
| Oct-2013            |                 |                         |          |                   |
| Nov-2013            |                 |                         |          |                   |
| Dec-2013            |                 |                         |          |                   |



**Note:**

Active Accounts: Codes that are eligible to make transactions

Trading Active accounts: Codes that make transactions

Mobility: Percentage of trading active accounts versus the total active accounts

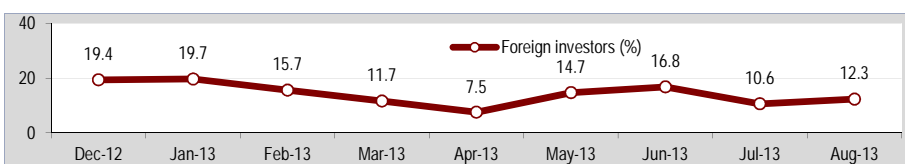
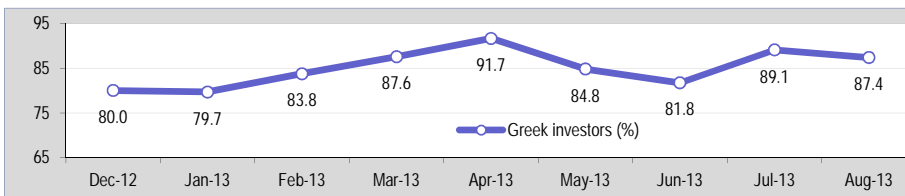
# AξιαNumbers

## Derivatives market



### 2. Investors' participation in the Derivatives Market

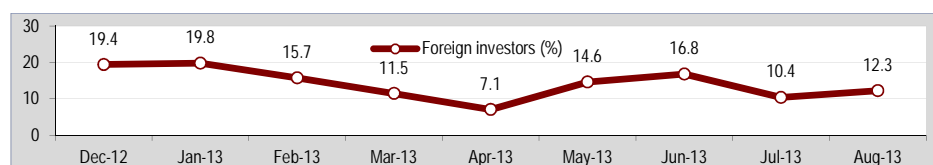
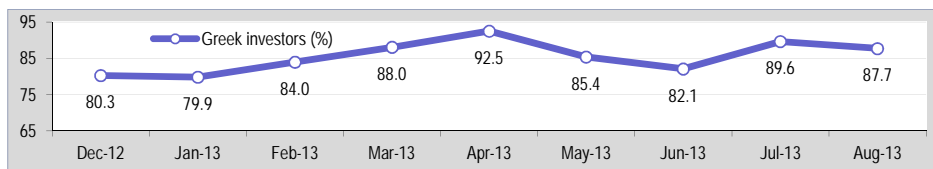
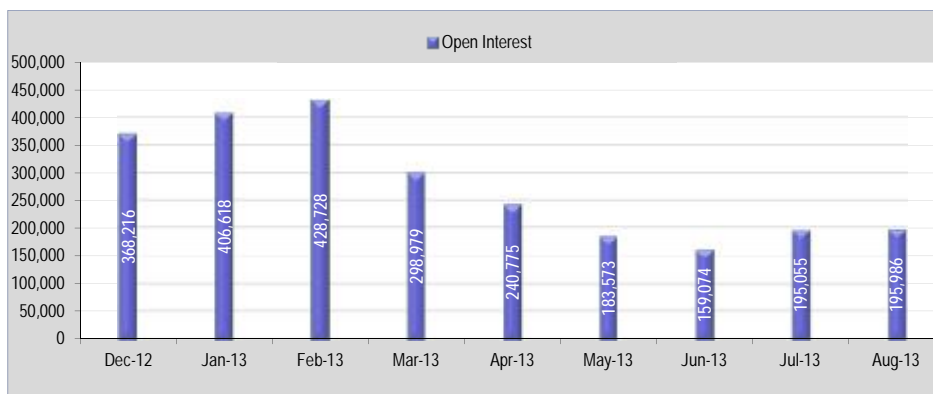
| Open Interest                     | Derivatives Market ** |               |
|-----------------------------------|-----------------------|---------------|
|                                   | Open Interest         |               |
|                                   | number                | %             |
| (Data of: 30/08/2013)             |                       |               |
| <b>I. Domestic Investors</b>      | <b>181,801</b>        | <b>87.41</b>  |
| Physical persons                  | 137,077               | 65.91         |
| Private Financial Companies       | 44,289                | 21.29         |
| Insurance & Pension Funds         | 29                    | 0.01          |
| Investment Companies              | 0                     | 0.00          |
| Mutual Funds                      | 16,976                | 8.16          |
| Banks and Investment Companies    | 26,045                | 12.52         |
| Other Private Financial Companies | 1,239                 | 0.60          |
| Private Non-Financial Companies   | 435                   | 0.21          |
| Companies (SA, Ltd, etc)          | 435                   | 0.21          |
| Public Sector                     | 0                     | 0.00          |
| Insurance Funds                   | 0                     | 0.00          |
| Other Public Sector               | 0                     | 0.00          |
| Non-Profit Institutions           | 0                     | 0.00          |
| <b>II. Foreign Investors</b>      | <b>25,642</b>         | <b>12.33</b>  |
| Physical persons                  | 1,627                 | 0.78          |
| Legal entities                    | 5,940                 | 2.86          |
| Institutional Investors           | 17,325                | 8.33          |
| Other Legal entities              | 750                   | 0.36          |
| <b>III. Other Not Identified</b>  | <b>540</b>            | <b>0.26</b>   |
| <b>Total (I+II+III)</b>           | <b>207,983</b>        | <b>100.00</b> |





### 3. Investors participation in Futures

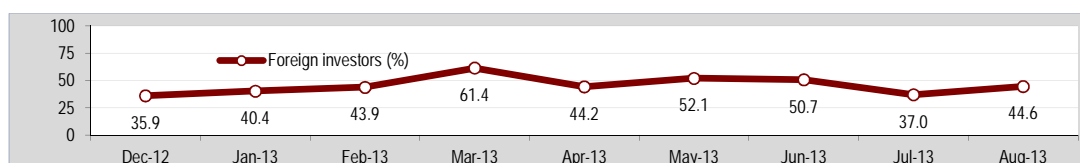
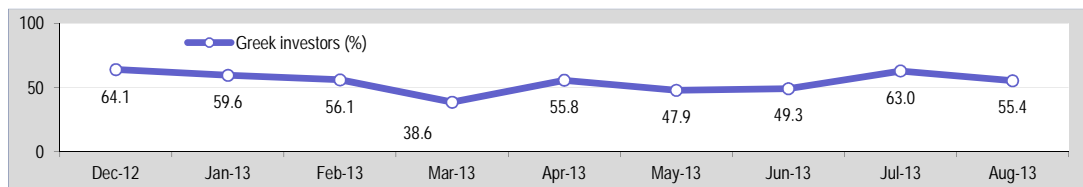
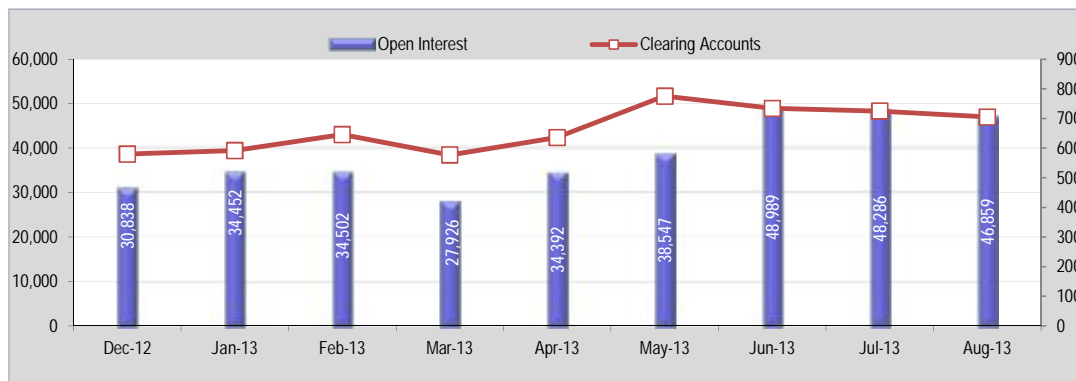
| Open Interest                     | Futures        |               |
|-----------------------------------|----------------|---------------|
|                                   | Open Interest  |               |
|                                   | number         | %             |
| (Data of: 30/08/2013)             |                |               |
| <b>I. Domestic Investors</b>      | <b>171,944</b> | <b>87.73</b>  |
| Physical persons                  | 136,262        | 69.53         |
| Private Financial Companies       | 35,247         | 17.98         |
| Insurance & Pension Funds         | 29             | 0.01          |
| Investment Companies              | 0              | 0.00          |
| Mutual Funds                      | 16,976         | 8.66          |
| Banks and Investment Companies    | 17,003         | 8.68          |
| Other Private Financial Companies | 1,239          | 0.63          |
| Private Non-Financial Companies   | 435            | 0.22          |
| Companies (SA, Ltd, etc)          | 435            | 0.22          |
| Public Sector                     | 0              | 0.00          |
| Insurance Funds                   | 0              | 0.00          |
| Other Public Sector               | 0              | 0.00          |
| Non-Profit Institutions           | 0              | 0.00          |
| <b>II. Foreign Investors</b>      | <b>24,042</b>  | <b>12.27</b>  |
| Physical persons                  | 1,627          | 0.83          |
| Legal entities                    | 4,340          | 2.21          |
| Institutional Investors           | 17,325         | 8.84          |
| Other Legal entities              | 750            | 0.38          |
| <b>III. Other Not Identified</b>  | <b>0</b>       | <b>0.00</b>   |
| <b>Total (I+II+III)</b>           | <b>195,986</b> | <b>100.00</b> |





### 4 . Investors participation in Index Futures

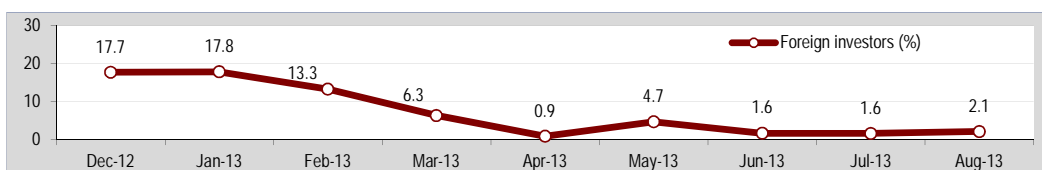
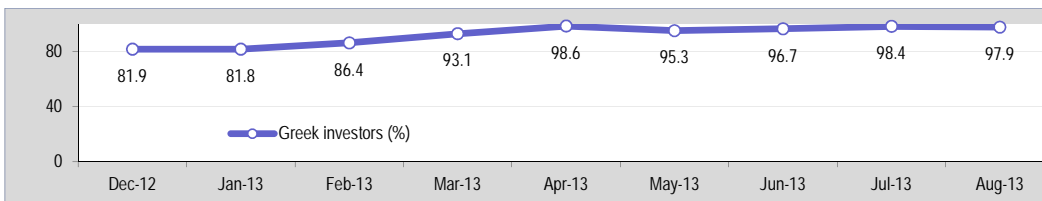
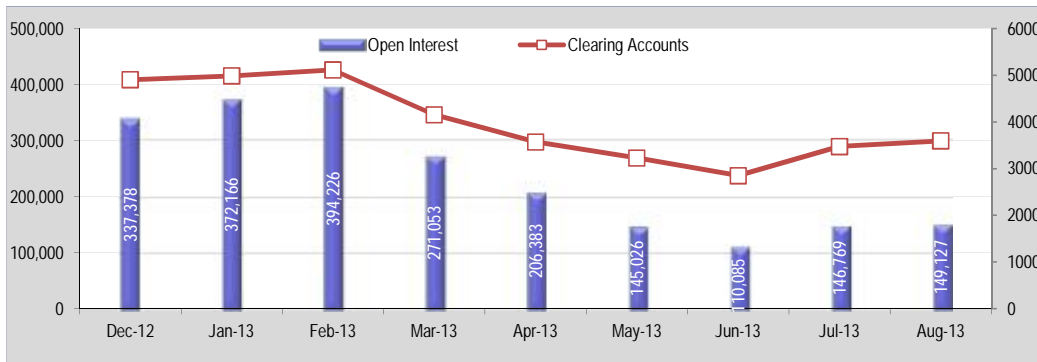
| Open Interest<br>(Data of: 30/08/2013) | Index Futures     |               |               |               |
|--|-------------------|---------------|---------------|---------------|
|  | Clearing Accounts |               | Open Interest |               |
|  | number            | %             | number        | %             |
| <b>I. Domestic Investors</b>           | 685               | 97.16         | 25,965        | 55.41         |
| Physical persons                       | 645               | 91.49         | 4,642         | 9.91          |
| Private Financial Companies            | 37                | 5.25          | 21,294        | 45.44         |
| Insurance & Pension Funds              | 1                 | 0.14          | 29            | 0.06          |
| Investment Companies                   | 0                 | 0.00          | 0             | 0.00          |
| Mutual Funds                           | 18                | 2.55          | 13,080        | 27.91         |
| Banks and Investment Companies         | 18                | 2.55          | 8,185         | 17.47         |
| Other Private Financial Companies      | 0                 | 0.00          | 0             | 0.00          |
| Private Non-Financial Companies        | 3                 | 0.43          | 29            | 0.06          |
| Companies (SA, Ltd, etc)               | 3                 | 0.43          | 29            | 0.06          |
| Public Sector                          | 0                 | 0.00          | 0             | 0.00          |
| Insurance Funds                        | 0                 | 0.00          | 0             | 0.00          |
| Other Public Sector                    | 0                 | 0.00          | 0             | 0.00          |
| Non-Profit Institutions                | 0                 | 0.00          | 0             | 0.00          |
| <b>II. Foreign Investors</b>           | 20                | 2.84          | 20,894        | 44.59         |
| Physical persons                       | 4                 | 0.57          | 72            | 0.15          |
| Legal entities                         | 5                 | 0.71          | 3,497         | 7.46          |
| Institutional Investors                | 11                | 1.56          | 17,325        | 36.97         |
| Other Legal entities                   | 0                 | 0.00          | 0             | 0.00          |
| <b>III. Other Not Identified</b>       | 0                 | 0.00          | 0             | 0.00          |
| <b>Total (I+II+III)</b>                | <b>705</b>        | <b>100.00</b> | <b>46,859</b> | <b>100.00</b> |





### 5. Investors participation in Stock Futures

| Open Interest<br>(Data of: 30/08/2013) | Stock Futures     |               |                |               |
|--|-------------------|---------------|----------------|---------------|
|  | Clearing Accounts |               | Open Interest  |               |
|  | number            | %             | number         | %             |
| <b>I. Domestic Investors</b>           | 3,549             | 98.72         | 145,979        | 97.89         |
| Physical persons                       | 3,370             | 93.74         | 131,620        | 88.26         |
| Private Financial Companies            | 171               | 4.76          | 13,953         | 9.36          |
| Insurance & Pension Funds              | 0                 | 0.00          | 0              | 0.00          |
| Investment Companies                   | 0                 | 0.00          | 0              | 0.00          |
| Mutual Funds                           | 8                 | 0.22          | 3,896          | 2.61          |
| Banks and Investment Companies         | 156               | 4.34          | 8,818          | 5.91          |
| Other Private Financial Companies      | 7                 | 0.19          | 1,239          | 0.83          |
| Private Non-Financial Companies        | 8                 | 0.22          | 406            | 0.27          |
| Companies (SA, Ltd, etc)               | 8                 | 0.22          | 406            | 0.27          |
| Public Sector                          | 0                 | 0.00          | 0              | 0.00          |
| Insurance Funds                        | 0                 | 0.00          | 0              | 0.00          |
| Other Public Sector                    | 0                 | 0.00          | 0              | 0.00          |
| Non-Profit Institutions                | 0                 | 0.00          | 0              | 0.00          |
| <b>II. Foreign Investors</b>           | 46                | 1.28          | 3,148          | 2.11          |
| Physical persons                       | 29                | 0.81          | 1,555          | 1.04          |
| Legal entities                         | 11                | 0.31          | 843            | 0.57          |
| Institutional Investors                | 0                 | 0.00          | 0              | 0.00          |
| Other Legal entities                   | 6                 | 0.17          | 750            | 0.50          |
| <b>III. Other Not Identified</b>       | 0                 | 0.00          | 0              | 0.00          |
| <b>Total (I+II+III)</b>                | <b>3,595</b>      | <b>100.00</b> | <b>149,127</b> | <b>100.00</b> |

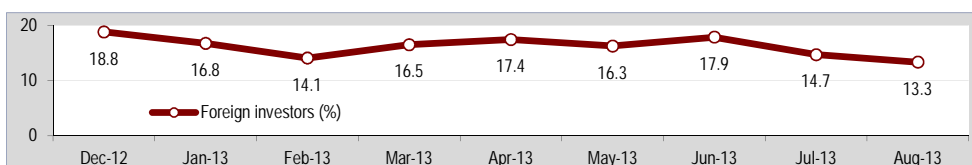
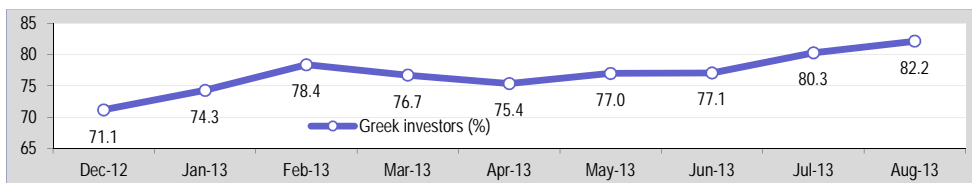
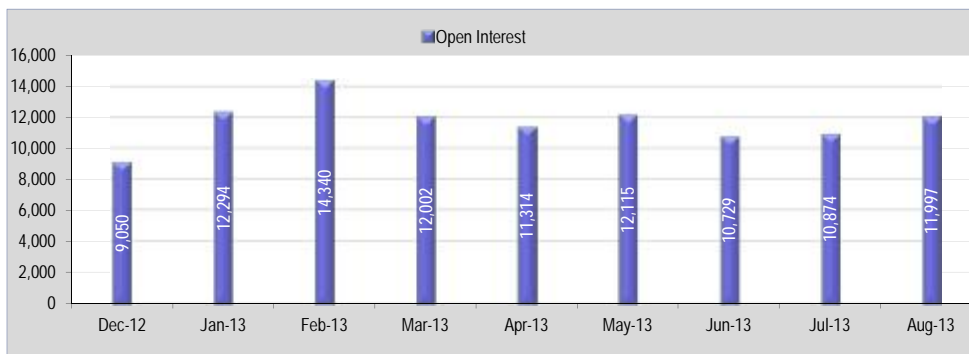






### 6. Investors participation in Options

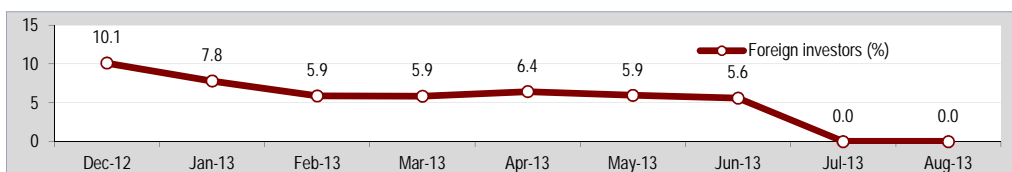
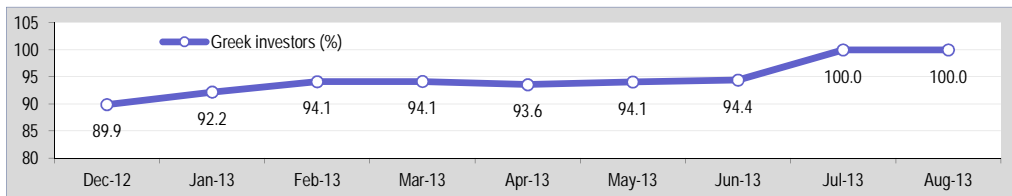
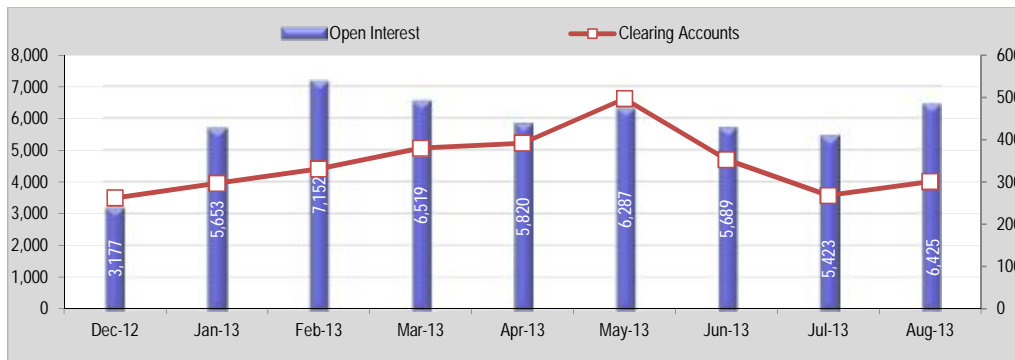
| Open Interest                     | Options               |               |
|-----------------------------------|-----------------------|---------------|
|                                   | (Data of: 30/08/2013) |               |
|                                   | Open Interest         |               |
|                                   | number                | %             |
| <b>I. Domestic Investors</b>      | <b>9,857</b>          | <b>82.16</b>  |
| Physical persons                  | 815                   | 6.79          |
| Private Financial Companies       | 9,042                 | 75.37         |
| Insurance & Pension Funds         | 0                     | 0.00          |
| Investment Companies              | 0                     | 0.00          |
| Mutual Funds                      | 0                     | 0.00          |
| Banks and Investment Companies    | 9,042                 | 75.37         |
| Other Private Financial Companies | 0                     | 0.00          |
| Private Non-Financial Companies   | 0                     | 0.00          |
| Companies (SA, Ltd, etc)          | 0                     | 0.00          |
| Public Sector                     | 0                     | 0.00          |
| Insurance Funds                   | 0                     | 0.00          |
| Other Public Sector               | 0                     | 0.00          |
| Non-Profit Institutions           | 0                     | 0.00          |
| <b>II. Foreign Investors</b>      | <b>1,600</b>          | <b>13.34</b>  |
| Physical persons                  | 0                     | 0.00          |
| Legal entities                    | 1,600                 | 13.34         |
| Institutional Investors           | 0                     | 0.00          |
| Other Legal entities              | 0                     | 0.00          |
| <b>III. Other Not Identified</b>  | <b>540</b>            | <b>4.50</b>   |
| <b>Total (I+II+III)</b>           | <b>11,997</b>         | <b>100.00</b> |





### 7. Investors participation in Index Options

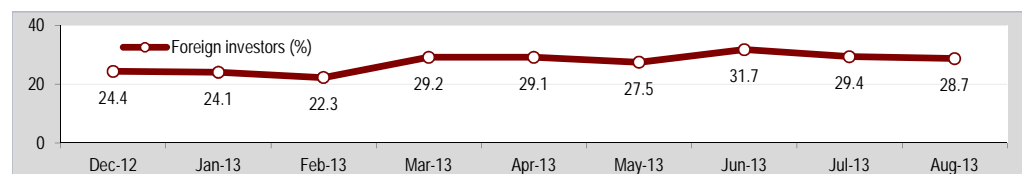
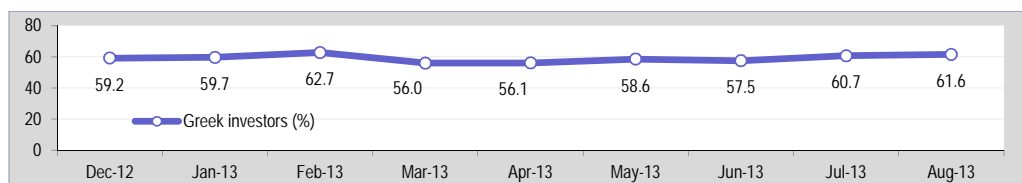
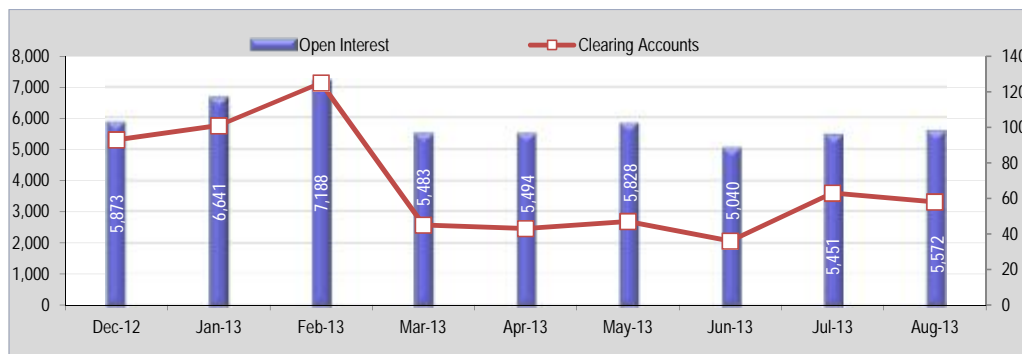
| Open Interest<br>(Data of: 30/08/2013) | Index Options     |               |               |               |
|--|-------------------|---------------|---------------|---------------|
|  | Clearing Accounts |               | Open Interest |               |
|  | number            | %             | number        | %             |
| <b>I. Domestic Investors</b>           | 301               | 100.00        | 6,425         | 100.00        |
| Physical persons                       | 180               | 59.80         | 815           | 12.68         |
| Private Financial Companies            | 121               | 40.20         | 5,610         | 87.32         |
| Insurance & Pension Funds              | 0                 | 0.00          | 0             | 0.00          |
| Investment Companies                   | 0                 | 0.00          | 0             | 0.00          |
| Mutual Funds                           | 0                 | 0.00          | 0             | 0.00          |
| Banks and Investment Companies         | 121               | 40.20         | 5,610         | 87.32         |
| Other Private Financial Companies      | 0                 | 0.00          | 0             | 0.00          |
| Private Non-Financial Companies        | 0                 | 0.00          | 0             | 0.00          |
| Companies (SA, Ltd, etc)               | 0                 | 0.00          | 0             | 0.00          |
| Public Sector                          | 0                 | 0.00          | 0             | 0.00          |
| Insurance Funds                        | 0                 | 0.00          | 0             | 0.00          |
| Other Public Sector                    | 0                 | 0.00          | 0             | 0.00          |
| Non-Profit Institutions                | 0                 | 0.00          | 0             | 0.00          |
| <b>II. Foreign Investors</b>           | 0                 | 0.00          | 0             | 0.00          |
| Physical persons                       | 0                 | 0.00          | 0             | 0.00          |
| Legal entities                         | 0                 | 0.00          | 0             | 0.00          |
| Institutional Investors                | 0                 | 0.00          | 0             | 0.00          |
| Other Legal entities                   | 0                 | 0.00          | 0             | 0.00          |
| <b>III. Other Not Identified</b>       | 0                 | 0.00          | 0             | 0.00          |
| <b>Total (I+II+III)</b>                | <b>301</b>        | <b>100.00</b> | <b>6,425</b>  | <b>100.00</b> |





### 8. Investors participation in Stock Options

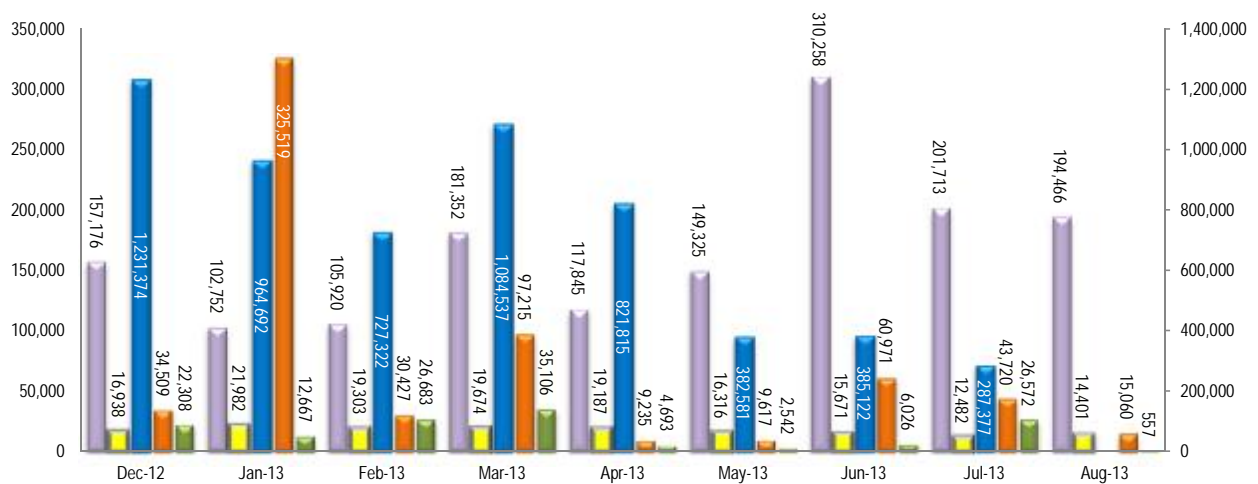
| Open Interest<br>(Data of: 30/08/2013) | Stock Options     |               |               |               |
|--|-------------------|---------------|---------------|---------------|
|  | Clearing Accounts |               | Open Interest |               |
|  | number            | %             | number        | %             |
| <b>I. Domestic Investors</b>           | 50                | 86.21         | 3,432         | 61.59         |
| Physical persons                       | 0                 | 0.00          | 0             | 0.00          |
| Private Financial Companies            | 50                | 86.21         | 3,432         | 61.59         |
| Insurance & Pension Funds              | 0                 | 0.00          | 0             | 0.00          |
| Investment Companies                   | 0                 | 0.00          | 0             | 0.00          |
| Mutual Funds                           | 0                 | 0.00          | 0             | 0.00          |
| Banks and Investment Companies         | 50                | 86.21         | 3,432         | 61.59         |
| Other Private Financial Companies      | 0                 | 0.00          | 0             | 0.00          |
| Private Non-Financial Companies        | 0                 | 0.00          | 0             | 0.00          |
| Companies (SA, Ltd, etc)               | 0                 | 0.00          | 0             | 0.00          |
| Public Sector                          | 0                 | 0.00          | 0             | 0.00          |
| Insurance Funds                        | 0                 | 0.00          | 0             | 0.00          |
| Other Public Sector                    | 0                 | 0.00          | 0             | 0.00          |
| Non-Profit Institutions                | 0                 | 0.00          | 0             | 0.00          |
| <b>II. Foreign Investors</b>           | 4                 | 6.90          | 1,600         | 28.72         |
| Physical persons                       | 0                 | 0.00          | 0             | 0.00          |
| Legal entities                         | 4                 | 6.90          | 1,600         | 28.72         |
| Institutional Investors                | 0                 | 0.00          | 0             | 0.00          |
| Other Legal entities                   | 0                 | 0.00          | 0             | 0.00          |
| <b>III. Other Not Identified</b>       | 4                 | 6.90          | 540           | 9.69          |
| <b>Total (I+II+III)</b>                | <b>58</b>         | <b>100.00</b> | <b>5,572</b>  | <b>100.00</b> |





### 9. Derivatives market figures overview

| Traded Volume |               |               |               |               |                             |                      |           |
|---------------|---------------|---------------|---------------|---------------|-----------------------------|----------------------|-----------|
| Months        | Index Futures | Index Options | Stock Futures | Stock Options | Stock Repos & Reverse Repos | Repurchase Agreement | Total     |
| Dec-2012      | 157,176       | 16,938        | 1,231,374     | 6,812         | 34,509                      | 22,308               | 1,469,117 |
| Jan-2013      | 102,752       | 21,982        | 964,692       | 1,016         | 325,519                     | 12,667               | 1,428,628 |
| Feb-2013      | 105,920       | 19,303        | 727,322       | 587           | 30,427                      | 26,683               | 910,242   |
| Mar-2013      | 181,352       | 19,674        | 1,084,537     | 2,468         | 97,215                      | 35,106               | 1,420,352 |
| Apr-2013      | 117,845       | 19,187        | 821,815       | 463           | 9,235                       | 4,693                | 973,238   |
| May-2013      | 149,325       | 16,316        | 382,581       | 725           | 9,617                       | 2,542                | 561,106   |
| Jun-2013      | 310,258       | 15,671        | 385,122       | 2,323         | 60,971                      | 6,026                | 780,371   |
| Jul-2013      | 201,713       | 12,482        | 287,377       | 451           | 43,720                      | 26,572               | 572,315   |
| Aug-2013      | 194,466       | 14,401        | 228,133       | 376           | 15,060                      | 557                  | 452,993   |
| Sep-2013      |               |               |               |               |                             |                      |           |
| Oct-2013      |               |               |               |               |                             |                      |           |
| Nov-2013      |               |               |               |               |                             |                      |           |
| Dec-2013      |               |               |               |               |                             |                      |           |





### 10. Notes – Clarifications

|                                       |  |
|---------------------------------------|--|
| <b>Domestic Investors</b>             |  |
| Physical Persons                      | Physical Persons<br>Joint Holders with Physical Persons (GR) as Members  |
| Private Financial Companies           |  |
| Collective Investment                 |  |
| Insurance and Pension Funds           |  |
| Investment Companies                  |  |
| Mutual Funds                          | Mutual Funds<br>Mutual Funds Management Companies  |
| Banks and Investment Firms            | Banks and Investment Firms<br>Investment Services Companies<br>Financial / Credit Houses, Factoring Companies, Leasing Companies, Brokerage Firms  |
| Other Private Financial Companies     | Fund Transfer Investment Services Companies<br>Broker Agents<br>Exchange Bureaus<br>Insurance Agencies<br>Venture Capital Companies  |
| Private Non Financial Companies       |  |
| Companies (S.A, Ltd, etc)             | Companies (S.A. Ltd, etc)  |
| Other Private Non Financial Companies | Organizations, Associations etc<br>Non- Profitable Funds<br>Joint Holders with Companies as Members GR   |
| Public Sector                         | All Ministries, Municipalities, Communities, Municipality Unions, Prefectures, Prefectural Districts, Prefectural Government.<br>Public and Municipal Non Profitable Businesses<br>Social Insurance Organizations Sub-sector and Public Hospitals.<br>Other Public Organizations<br>Non Profitable Institutions (General Government) |
| Other Domestic Investors              | Joint Holders with Companies and Physical Persons as Members (GR)  |
| <b>Foreign Investors</b>              |  |
| Physical Persons                      |  |
| Legal Entities                        |  |
| Institutional Investors               |  |
| Other Legal Entities                  | Offshore Companies   |
| Other Foreign Investors               | Joint Holders with Companies and Physical Persons as Members (Foreign)   |
| <b>Other Not Identified</b>           |  |
|                                       | Investor Shares of non declared tax nationality<br>Joint Holders with Greek and Foreign Members  |



ATHENS  
EXCHANGE S.A.

110, Athinon Ave.  
GR 104 42 Athens  
tel. 210-33.66.800  
fax 210-33.66.101  
[www.a.s.e.gr](http://www.a.s.e.gr)

