

19

Securities Market
Monthly Statistical Bulletin
AXIA NUMBERS

May



ATHEXGROUP
Athens Exchange Group



DISCLAIMER

Athens Exchange Group (ATHEXGROUP) 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.

Data processing was effected in accordance with Greek Law 2396/96 related to the classified registration within DSS and Law 2472/1997 concerning individuals' protection with regard to the processing of personal data.

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

All rights are reserved. Reproduction, publishing, imitation, modification, copying, sale or distribution in any form or by any means, in whole or in part, without the prior reference in source, is strictly forbidden. (source: ATHEXGROUP, *Monthly Statistics Bulletin AxiaNumbers*, May 2019).

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

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

Clarifications and further information

Statistics & Information Services

Market Operation & Development Division

Tel.: +30 210 3366565

e-mail: Information-Services-Dpt@athexgroup.gr

Statistical data processing

Statistics & Information Services

Market Operation & Development Division

Translation- Layout design

Statistics & Information Services

Market Operation & Development Division

NOTES

Type of Issue:

Monthly Statistics Bulletin is available through Athens Exchange Group <http://www.helex.gr/web/guest/info-markets-activity-publications-axianumbers-sec> and in .pdf format. Any copy/paste of data in other texts can be done by using Text Selection tool from Acrobat Reader with the requirement of the prior reference of the source: ATHEXGROUP, *Monthly Statistics Bulletin*, May 2019.

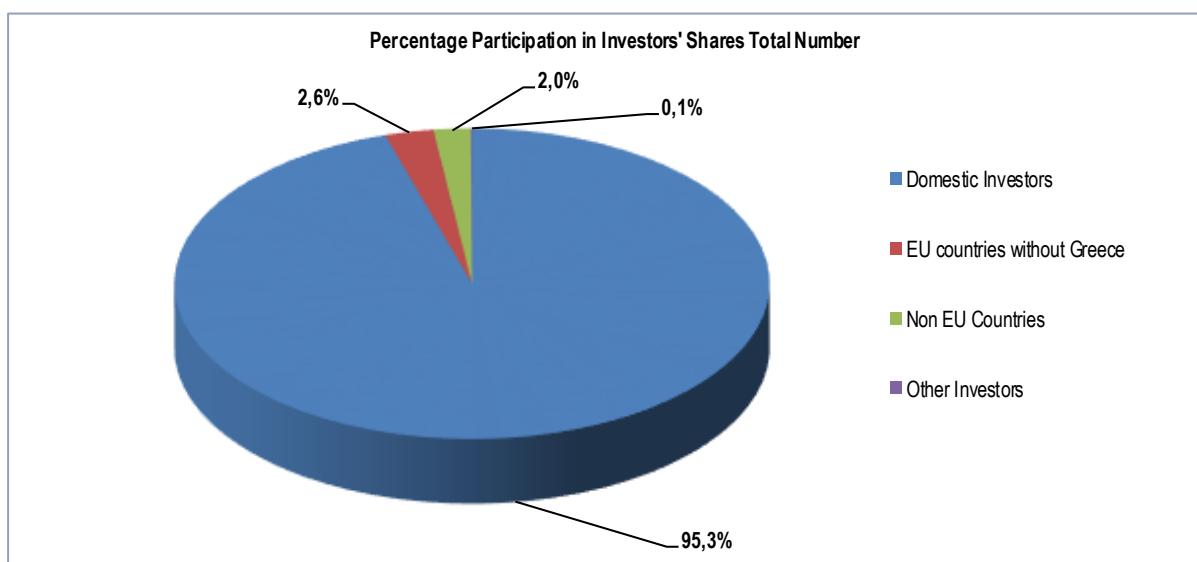
TABLE OF CONTENTS

1 GENERAL INVESTORS' SHARES DATA	4
1.1 Investors' Shares Total Number	4
1.2 New Investors Shares	4
1.3 Investors Shares' Historical Statistics	5
1.4 Investors Shares with Positive Balance	6
2 MOBILITY OF ACTIVE INVESTORS	7
2.1 Historical Data of Mobility of Active Investors	7
2.2 Active Investors Shares Analysis	8
2.3 Analysis of the Monthly Trading Activity in Athex Market per Investor Category	9
2.3.1 Analysis of the Monthly Trading Activity in Total of Listed Equities of Athex Market per Investor Category	9
2.3.2 Analysis of the Monthly Trading Activity in Main Market Category of Athex Market per Investor Category	10
2.3.3 Analysis of the Monthly Trading Activity in FTSE / Athex Large Cap per Investor Category	11
2.3.4 Analysis of the Monthly Trading Activity in FTSE / Athex Mid Cap per Investor Category	12
2.3.5 Analysis of the Monthly Trading Activity in FTSE / Athex Mid-Small Cap Factor-Weighted Index per Investor Category	13
2.3.6 Analysis of the Monthly Trading Activity in FTSE / Athex Market Index per Investor Category	14
2.3.7 Analysis of the Monthly Trading Activity in FTSE / Athex Global Traders Index Plus per Investor Category	15
2.3.8 Analysis of the Monthly Trading Activity in Medium & Small Price Index per Investor Category	16
2.3.9 Analysis of the Greek Investors Trading Activity based on Geographical Allocation	17
2.3.10 Analysis of the Trading Activity of Investors without Identified Nationality	17
2.3.11 Analysis of the Foreign Investors Trading Activity based on Geographical Allocation	18
3 INVESTORS' PARTICIPATION	19
3.1 Equities – Data of May 2019	19
3.1.1 Total Listed Equities and Main Categories	19
3.1.2 FTSE / Athex Large Cap & Average Number of Investors	20
3.1.3 FTSE / Athex Indices	21
3.1.4 Other Athex Indices	22
3.1.5 Allocation of Investors Portfolio Value in Stocks Groups (Indices and ATHEX Categories)	23
3.1.6 Equities – Historical Data	24
3.1.7 Investors' Participation – Graphs	30
3.2 Investors' Geographical Allocation in Greece	31
3.3 Investors Without Identified Nationality	31
3.4 Foreign Investors' Geographical Allocation	32
3.5 Percentage Participation of Investors in Greek Government Bonds / Corporate Bonds – Data of May 2019	33
4 OTHER INVESTORS' ALLOCATIONS	34
4.1 Investors' Allocation Based on the number of their Operators	34
4.2 Investors' Allocation based on the number of securities composing their portfolios	34
4.3 Investors' Allocation based on Portfolio Value	34
5 SETTLEMENT OF TRANSACTIONS *	35
ANNEX 1 NOTES – CLARIFICATIONS	36

1 General Investors' Shares Data

1.1 Investors' Shares Total Number

Investors' Shares Total Number					
Date	Investors' Categories				
	Domestic Investors	Foreign Investors		Other Investors	Total
		EU countries without Greece	Non EU Countries		
31/5/2019	1.415.174	39.211	29.821	1.048	1.485.254



1.2 New Investors Shares

Investors' Categories	Number Of New Investor Shares	
	Greek investors	Foreign investors
Physical persons	538	55
Legal entities	12	165
Total / RC	550	220
Total		770

RC : Registered Country

1.3 Investors Shares' Historical Statistics

	Number Of New Investor Shares													
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
January	3.223	4.013	3.052	4.101	2.861	3.497	1.925	1.607	1.338	1.659	708	584	888	569
February	2.564	2.297	2.522	4.018	5.027	3.071	2.248	1.571	1.054	2.313	978	543	672	594
March	3.229	3.685	1.858	4.450	3.062	2.415	3.251	1.378	1.121	1.399	759	2.543	1.023	1.444
April	3.260	2.974	2.304	3.542	5.646	1.881	1.232	2.537	3.374	1.130	502	522	681	617
May	9.892	2.122	2.073	3.644	3.043	2.371	1.825	5.238	1.308	1.137	636	735	948	770
June	14.662	9.153	1.710	3.231	2.373	2.296	2.521	5.891	969	1.485	648	2.200	656	
July	5.027	3.605	2.621	3.144	3.393	1.764	1.245	1.422	1.027	289	626	840	590	
August	2.208	3.331	1.488	2.348	1.467	2.467	1.038	938	888	979	431	579	584	
September	2.869	1.939	1.873	2.599	3.460	2.423	1.416	1.070	1.159	804	487	590	599	
October	4.709	3.031	6.505	2.932	3.697	2.318	1.892	1.314	980	677	489	566	621	
November	2.982	2.847	6.465	2.674	2.810	2.456	1.546	1.206	941	3.112	529	595	618	
December	2.042	2.221	3.022	2.922	1.872	1.442	1.045	1.195	1.075	3.524	548	588	427	

	Number Of Deactivated Investor Shares													
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
January	725	630	269	301	237	375	113	164	136	163	400	199	195	146
February	838	272	238	452	95	159	146	146	97	130	257	152	159	322
March	841	559	288	203	212	214	107	210	237	148	356	200	181	178
April	510	207	296	298	168	350.093	163	157	98	135	260	133	108	122
May	748	260	140	268	65	5.722	87	133	118	119	201	138	182	508
June	1.334	205	316	194	237	176	112	180	228	159	281	112	173	
July	2.098	279	303	257	186	68	126	191	141	122	191	122	108	
August	88.775	464	205	258	103	104	160	85	86	233	239	85	139	
September	147.995	226	178	122	69	266	254	205	115.265	4.535	313.961	2.453	16.425	
October	87.071	278	253	84	118	96	121	23.246	151	222	243	125	171	
November	237	296	135	78	239	392	103	154	116	155	388	199	156	
December	194	253	259	364	231	131	52	154	224	224	189	82	100	

Notes:

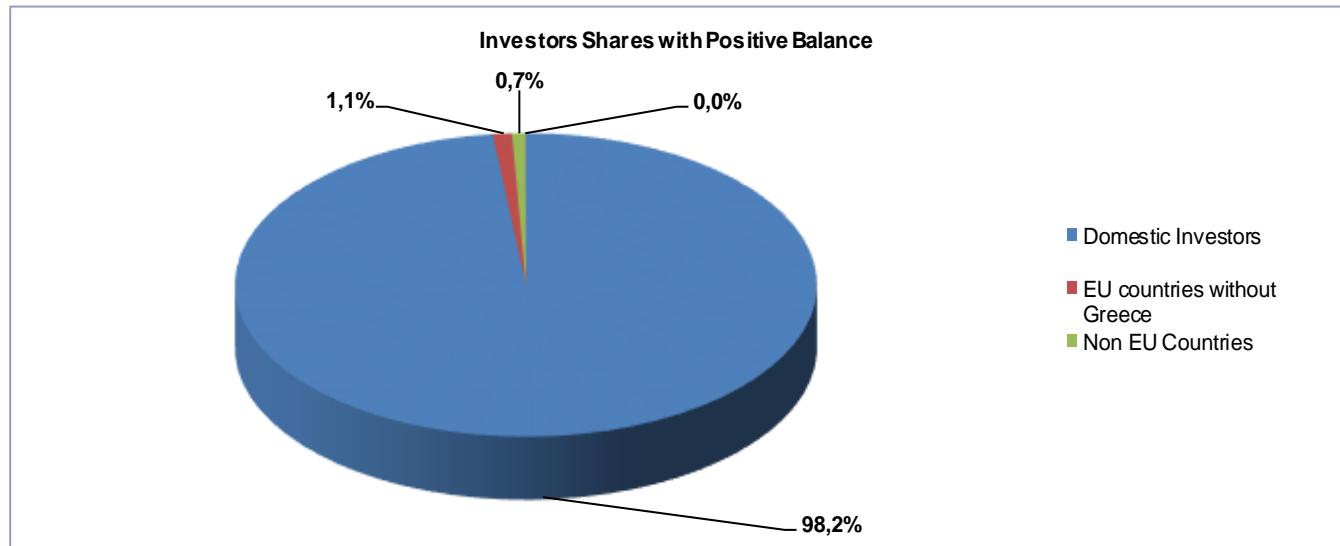
1. Total concerns total data since 1998.
2. New Investor Shares also include the Non-appeared Investor Shares (October 2004- Non-appeared Investor Shares 2.549) i.e. the Investor Shares that have been opened from the issuers concerning those shareholders that did not dematerialized their shares according to the registration of data held at that time.
3. The category Physical persons includes co-owners and joint investors shares.
4. Deactivated Investor Shares are those that have been closed the specific period of time. The actual total number of Investor Shares in DSS, equals the total number of the new Investors' Shares (table 1.1) minus the total number of deactivated Investor Shares (table 1.2).
5. The increased number of Investor Shares in 2003 results from the issuance and registration of Special Saving Bonds held in DSS. The increased number of Deactivated Investor Shares from August to October 2006 as well as in April & May 2011 and October 2013, September 2013 & 2014, September 2015, 2016, 2017 & 2018 derives from the gradual application of article 18.1.aa, Dematerialised Securities Stock Exchange Transactions Clearing and Settlement Regulation and the decision 243/15-09-2004 of CSD's Board of Directors, which states that any Investor Share without positive balance and no transaction of any kind within a period of three (3) years, shall be deactivated.

1.4 Investors Shares with Positive Balance

Investors Shares with Positive Balance							
(Data of: 31/05/2019)	Investors' Categories					Total	
	Domestic Investors	Foreign Investors		Other Investors			
		EU countries without Greece	Non EU Countries				
Total Number of Investors Shares with Positive Balance	569.889	6.160	4.275	193	580.517		

Investors Shares with Positive Balance to

ATHEX Shares	556.945	5.876	4.233	185	567.239
XNET Shares	1.084	329	39	0	1.452
ATHEX Bonds	27.585	75	46	13	27.719
XNET Bonds	1	0	0	0	1
ATHEX Rights	0	0	0	0	0
XNET Rights	0	0	0	0	0
ATHEX GDRs	259	4	1	1	265
ATHEX ETFs	440	8	7	0	455
XNET ETFs	0	0	0	0	0
ATHEX Derivatives	1.672	26	5	0	1.703
ATHEX Warrants	0	0	0	0	0
XNET Warrants	1	1	2	0	4

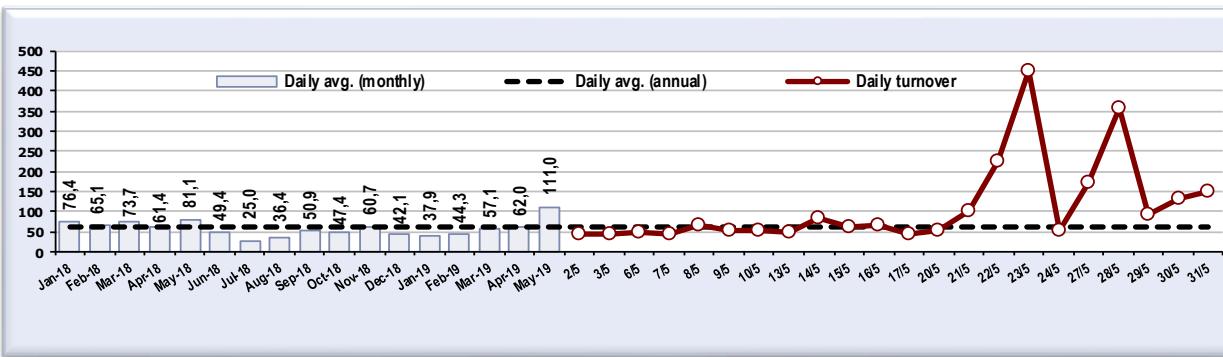
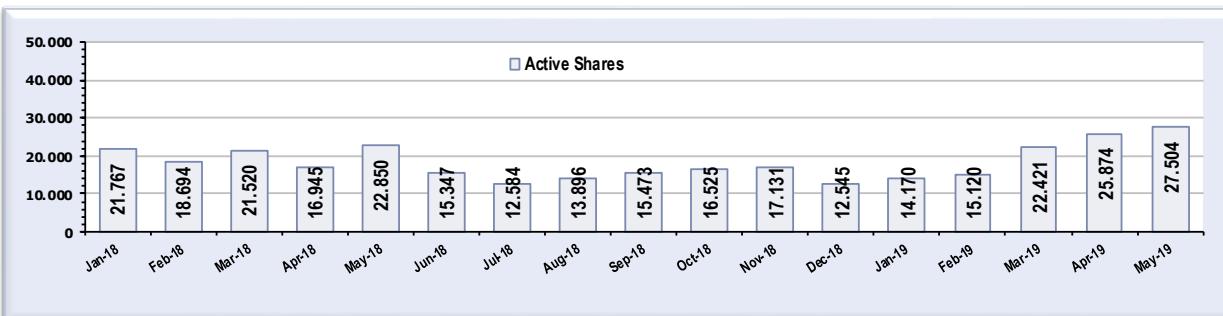




2 Mobility of Active Investors

2.1 Historical Data of Mobility of Active Investors

Month - Year	Active Shares	Turnover	
		Daily avg. (monthly)	Daily avg. (annual)
	Total	(mil. €)	(mil. €)
Jan-18	21.767	76,4	76,4
Feb-18	18.694	65,1	71,2
Mar-18	21.520	73,7	72,0
Apr-18	16.945	61,4	69,6
May-18	22.850	81,1	72,0
Jun-18	15.347	49,4	68,1
Jul-18	12.584	25,0	61,5
Aug-18	13.896	36,4	58,2
Sep-18	15.473	50,9	57,4
Oct-18	16.525	47,4	56,3
Nov-18	17.131	60,7	56,7
Dec-18	12.545	42,1	55,7
Jan-19	14.170	37,9	37,9
Feb-19	15.120	44,3	40,9
Mar-19	22.421	57,1	46,0
Apr-19	25.874	62,0	49,6
May-19	27.504	111,0	63,0



Notes:

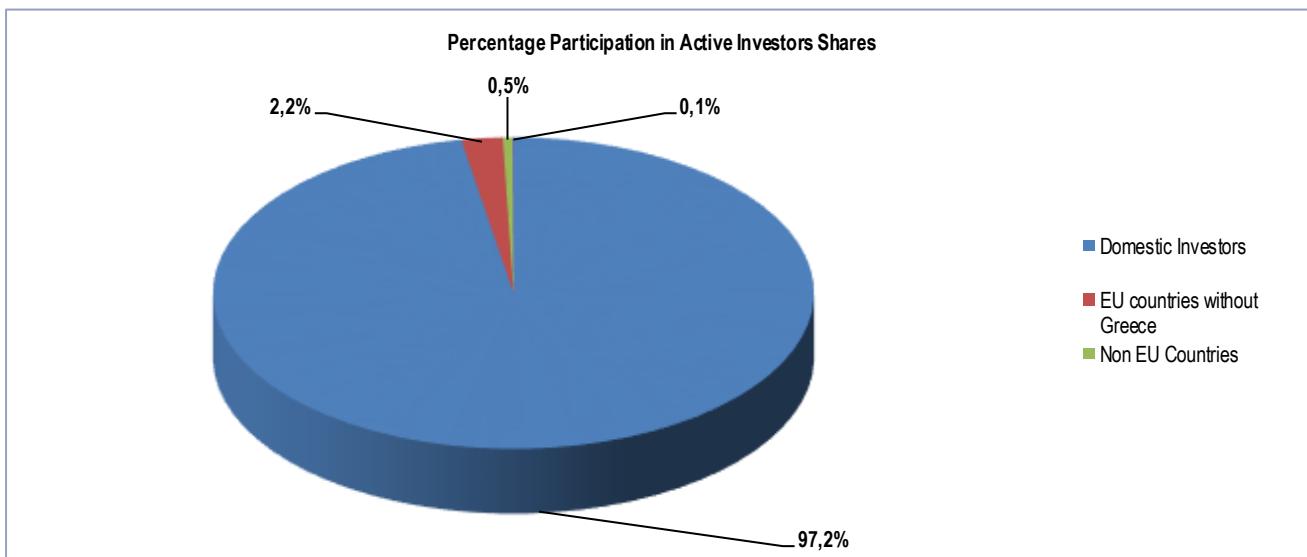
- Active Shares: the number of shares that made at least one move during the month (sell or buy).
- Daily Average of Active Shares: the number of shares that moved during the month divided by the number of trading days.
- In the calculation of Daily Average of Turnover, blocks of securities without revenues are included.

2.2 Active Investors Shares Analysis

Active Investors Shares						
(02/05/2019-31/05/2019)	Investors' Categories				Total	
	Domestic Investors	Foreign Investors		Other Investors		
		EU countries without Greece	Non EU Countries			
Total Number of Active Investors Shares	26.737	610	143	14	27.504	

Active Investors Shares to

ATHEX Shares	26.323	558	137	14	27.032
XNET Shares	59	62	5	0	126
ATHEX Bonds	474	6	1	0	481
XNET Bonds	0	0	0	0	0
ATHEX Rights	251	8	0	0	259
XNET Rights	0	0	0	0	0
ATHEX GDRs	76	2	0	0	78
ATHEX ETFs	37	1	0	0	38
ATHEX Derivatives	1.898	30	8	0	1.936
ATHEX Warrants	0	0	0	0	0
XNET Warrants	0	0	0	0	0





ATHEX GROUP
Athens Exchange Group

2.3 Analysis of the Monthly Trading Activity in Athex Market per Investor Category

2.3.1 Analysis of the Monthly Trading Activity in Total of Listed Equities of Athex Market per Investor Category

Total of Listed Equities Investors' Categories	Buys				Sells				net		net	
	Active Shares		Transactions Value		Active Shares		Transactions Value		net		(2019)	
	Number	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)	S	(mil. €)	S
I. Domestic Investors	14.452	96,58	824,10	33,74	20.854	97,30	1.152,54	47,19	-328,44	S	-322,31	S
Households	14.210	94,97	335,72	13,75	20.591	96,08	314,44	12,87	21,29	B	-19,51	S
Insurance Corporations	8	0,05	6,48	0,27	8	0,04	4,10	0,17	2,38	B	3,44	B
Pension funds	5	0,03	11,22	0,46	3	0,01	11,10	0,45	0,13	B	3,50	B
Money Market Funds (MMFs)	16	0,11	28,08	1,15	13	0,06	16,81	0,69	11,27	B	45,49	B
Non-MMF Investment Funds	59	0,39	74,26	3,04	48	0,22	58,42	2,39	15,84	B	49,22	B
Deposit-taking corporations	11	0,07	69,41	2,84	21	0,10	463,61	18,98	-394,20	S	-423,02	S
Other Financial Intermediaries, except insurance corporations & pension funds	45	0,30	270,23	11,06	52	0,24	270,77	11,09	-0,54	S	3,31	B
Non-Profit Institutions serving Households	2	0,01	0,13	0,01	6	0,03	0,07	0,00	0,07	B	0,82	B
Non-Financial corporations	96	0,64	28,56	1,17	112	0,52	13,23	0,54	15,34	B	14,51	B
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	S
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	-0,01	S
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	-0,06	S
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
II. Foreign Investors	504	3,37	1.618,27	66,26	569	2,65	1.289,80	52,81	328,47	B	322,31	B
Households	346	2,31	16,85	0,69	402	1,88	14,90	0,61	1,95	B	0,84	B
Insurance Corporations	1	0,01	0,04	0,00	1	0,00	0,05	0,00	0,00	S	-8,86	S
Pension funds	1	0,01	0,06	0,00	2	0,01	0,17	0,01	-0,10	S	-0,16	S
Money Market Funds (MMFs)	9	0,06	6,55	0,27	14	0,07	12,35	0,51	-5,80	S	-9,87	S
Non-MMF Investment Funds	27	0,18	23,49	0,96	29	0,14	11,70	0,48	11,79	B	33,92	B
Deposit-taking corporations	32	0,21	369,24	15,12	35	0,16	422,11	17,28	-52,87	S	-50,28	S
Other Financial Intermediaries, except insurance corporations & pension funds	32	0,21	683,65	27,99	29	0,14	657,98	26,94	25,67	B	77,07	B
Non-Profit Institutions serving Households	1	0,01	1,45	0,06	1	0,00	0,90	0,04	0,55	B	0,07	B
Non-Financial corporations	48	0,32	390,17	15,97	46	0,21	25,15	1,03	365,02	B	364,74	B
Central Government	2	0,01	4,80	0,20	2	0,01	1,63	0,07	3,17	B	5,93	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	5	0,03	121,98	4,99	8	0,04	142,86	5,85	-20,88	S	-91,10	S
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
III. Other Not Identified	7	0,05	0,10	0,00	9	0,04	0,13	0,01	-0,03	S	0,00	S
TOTALS	14.963	100,00	2.442,47	100,00	21.432	100,00	2.442,47	100,00				



2.3.2 Analysis of the Monthly Trading Activity in Main Market Category of Athex Market per Investor Category

Main Market Investors' Categories	Buys				Sells				net	
	Active Shares		Transactions Value		Active Shares		Transactions Value		(mil. €)	(mil. €)
	Number	%	(mil. €)	%	Number	%	(mil. €)	%		
I. Domestic Investors	14.164	96,56	803,70	33,19	19.754	97,21	1.134,79	46,86	-331,08	S
Households	13.946	95,08	328,54	13,57	19.514	96,03	306,90	12,67	21,64	B
Insurance Corporations	6	0,04	5,22	0,22	7	0,03	3,41	0,14	1,82	B
Pension funds	5	0,03	11,12	0,46	3	0,01	11,10	0,46	0,02	B
Money Market Funds (MMFs)	14	0,10	27,64	1,14	13	0,06	16,80	0,69	10,83	B
Non-MMF Investment Funds	54	0,37	71,96	2,97	46	0,23	57,90	2,39	14,07	B
Deposit-taking corporations	8	0,05	62,33	2,57	15	0,07	455,56	18,81	-393,22	S
Other Financial Intermediaries, except insurance corporations & pension funds	43	0,29	269,01	11,11	50	0,25	270,48	11,17	-1,47	S
Non-Profit Institutions serving Households	2	0,01	0,13	0,01	6	0,03	0,07	0,00	0,07	B
Non-Financial corporations	86	0,59	27,75	1,15	100	0,49	12,58	0,52	15,16	B
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-
II. Foreign Investors	497	3,39	1.618,06	66,81	558	2,75	1.286,95	53,14	331,11	B
Households	342	2,33	16,81	0,69	395	1,94	14,88	0,61	1,93	B
Insurance Corporations	1	0,01	0,04	0,00	1	0,00	0,05	0,00	0,00	S
Pension funds	1	0,01	0,06	0,00	2	0,01	0,17	0,01	-0,10	S
Money Market Funds (MMFs)	9	0,06	6,55	0,27	14	0,07	12,35	0,51	-5,80	S
Non-MMF Investment Funds	27	0,18	23,49	0,97	26	0,13	11,27	0,47	12,22	B
Deposit-taking corporations	31	0,21	369,14	15,24	34	0,17	419,89	17,34	-50,75	S
Other Financial Intermediaries, except insurance corporations & pension funds	32	0,22	683,65	28,23	29	0,14	657,80	27,16	25,86	B
Non-Profit Institutions serving Households	1	0,01	1,45	0,06	1	0,00	0,90	0,04	0,55	B
Non-Financial corporations	46	0,31	390,10	16,11	46	0,23	25,15	1,04	364,95	B
Central Government	2	0,01	4,80	0,20	2	0,01	1,63	0,07	3,17	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-
Institutions and bodies of the European Union	5	0,03	121,97	5,04	8	0,04	142,86	5,90	-20,89	S
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-
III. Other Not Identified	7	0,05	0,10	0,00	9	0,04	0,12	0,01	-0,03	S
TOTALS	14.668	100,00	2.421,86	100,00	20.321	100,00	2.421,86	100,00	0,47	B



ATHEX GROUP
Athens Exchange Group

2.3.3 Analysis of the Monthly Trading Activity in FTSE / Athex Large Cap per Investor Category

FTSE/Athex Large Cap Investors' Categories	B buys				S sells				net		net (2019)	
	Active Shares		Transactions Value		Active Shares		Transactions Value					
	Number	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)	(mil. €)		
I. Domestic Investors	12.517	96,54	752,95	38,35	13.272	96,64	689,56	35,12	63,39	B	85,28	B
Households	12.320	95,02	298,14	15,18	13.083	95,27	269,91	13,75	28,23	B	-7,69	S
Insurance Corporations	6	0,05	5,06	0,26	5	0,04	3,16	0,16	1,90	B	2,44	B
Pension funds	5	0,04	11,11	0,57	3	0,02	11,10	0,57	0,01	B	1,71	B
Money Market Funds (MMFs)	14	0,11	26,23	1,34	13	0,09	16,37	0,83	9,86	B	39,27	B
Non-MMF Investment Funds	46	0,35	63,64	3,24	41	0,30	53,51	2,73	10,14	B	36,07	B
Deposit-taking corporations	8	0,06	62,02	3,16	14	0,10	64,35	3,28	-2,33	S	-13,23	S
Other Financial Intermediaries, except insurance corporations & pension funds	39	0,30	259,86	13,23	41	0,30	260,92	13,29	-1,06	S	1,45	B
Non-Profit Institutions serving Households	2	0,02	0,13	0,01	3	0,02	0,06	0,00	0,07	B	0,63	B
Non-Financial corporations	77	0,59	26,75	1,36	69	0,50	10,18	0,52	16,57	B	24,63	B
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	S
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
II. Foreign Investors	442	3,41	1.210,46	61,65	457	3,33	1.273,90	64,88	-63,45	S	-85,36	S
Households	301	2,32	14,74	0,75	317	2,31	14,15	0,72	0,59	B	-0,64	S
Insurance Corporations	0	0,00	0,00	0,00	1	0,01	0,04	0,00	-0,04	S	-9,01	S
Pension funds	1	0,01	0,06	0,00	1	0,01	0,13	0,01	-0,06	S	-0,14	S
Money Market Funds (MMFs)	9	0,07	6,49	0,33	14	0,10	12,20	0,62	-5,71	S	-9,91	S
Non-MMF Investment Funds	26	0,20	18,17	0,93	23	0,17	8,73	0,44	9,44	B	32,11	B
Deposit-taking corporations	29	0,22	366,70	18,68	34	0,25	417,25	21,25	-50,55	S	-46,07	S
Other Financial Intermediaries, except insurance corporations & pension funds	30	0,23	645,64	32,88	26	0,19	652,38	33,23	-6,74	S	41,91	B
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	1	0,01	0,90	0,05	-0,90	S	-1,76	S
Non-Financial corporations	39	0,30	32,55	1,66	30	0,22	24,63	1,25	7,92	B	-7,40	S
Central Government	2	0,02	4,80	0,24	2	0,01	1,63	0,08	3,17	B	5,93	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	5	0,04	121,32	6,18	8	0,06	141,87	7,23	-20,55	S	-90,38	S
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
III. Other Not Identified	7	0,05	0,09	0,00	4	0,03	0,04	0,00	0,05	B	0,08	B
TOTALS	12.966	100,00	1.963,50	100,00	13.733	100,00	1.963,50	100,00				



ATHEX GROUP
Athens Exchange Group

2.3.4 Analysis of the Monthly Trading Activity in FTSE / Athex Mid Cap per Investor Category

FTSE/Athex Mid Cap Investors' Categories	Buys				Sells				net		net	
	(02/05/2019-31/05/2019)		Active Shares		Transactions		Transactions		(mil. €)		(mil. €)	
	Number	%	(mil. €)	%	Number	%	(mil. €)	%				
I. Domestic Investors	3.009	96,10	24,65	91,54	4.566	97,03	24,15	89,70	0,49	B	-5,78	S
Households	2.941	93,93	14,84	55,09	4.490	95,41	14,82	55,05	0,01	B	-2,10	S
Insurance Corporations	0	0,00	0,00	0,00	1	0,02	0,03	0,12	-0,03	S	-0,06	S
Pension funds	1	0,03	0,01	0,04	0	0,00	0,00	0,00	0,01	B	0,14	B
Money Market Funds (MMFs)	3	0,10	0,66	2,46	2	0,04	0,20	0,73	0,47	B	1,47	B
Non-MMF Investment Funds	19	0,61	2,93	10,88	17	0,36	2,33	8,64	0,60	B	4,00	B
Deposit-taking corporations	1	0,03	0,15	0,56	3	0,06	0,02	0,09	0,13	B	-0,19	S
Other Financial Intermediaries, except insurance corporations & pension funds	24	0,77	5,67	21,04	25	0,53	5,71	21,21	-0,04	S	1,65	B
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	2	0,04	0,01	0,02	-0,01	S	0,00	B
Non-Financial corporations	20	0,64	0,40	1,48	26	0,55	1,04	3,85	-0,64	S	-10,69	S
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
II. Foreign Investors	121	3,86	2,28	8,46	139	2,95	2,77	10,30	-0,49	S	5,78	B
Households	90	2,87	0,42	1,54	106	2,25	0,39	1,46	0,02	B	-0,08	S
Insurance Corporations	1	0,03	0,00	0,01	0	0,00	0,00	0,00	0,00	B	0,02	B
Pension funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,01	B
Money Market Funds (MMFs)	0	0,00	0,00	0,00	1	0,02	0,03	0,10	-0,03	S	0,02	B
Non-MMF Investment Funds	5	0,16	0,98	3,65	5	0,11	0,81	3,01	0,17	B	-1,13	S
Deposit-taking corporations	10	0,32	0,41	1,53	7	0,15	0,28	1,06	0,13	B	-0,37	S
Other Financial Intermediaries, except insurance corporations & pension funds	9	0,29	0,30	1,12	12	0,25	0,97	3,59	-0,67	S	-1,17	S
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Non-Financial corporations	3	0,10	0,04	0,16	5	0,11	0,02	0,08	0,02	B	8,31	B
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	3	0,10	0,12	0,44	3	0,06	0,27	0,99	-0,15	S	0,17	B
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
III. Other Not Identified	1	0,03	0,00	0,00	1	0,02	0,00	0,00	0,00	S	0,00	S
TOTALS	3.131	100,00	26,93	100,00	4.706	100,00	26,93	100,00				



2.3.5 Analysis of the Monthly Trading Activity in FTSE / Athex Mid-Small Cap Factor-Weighted Index per Investor Category

Investors' Categories	FTSE/Athex Mid-Small Cap Factor-Weighted Index				Bulls				Sells				net	
	Number	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)		(mil. €)		(mil. €)	
I. Domestic Investors	962	95,72	10,04	71,25	1.938	97,78	8,99	63,84	1,04	B	0,56	B		
Households	919	91,44	4,87	34,57	1.903	96,01	5,36	38,06	-0,49	S	-3,55	S		
Insurance Corporations	1	0,10	0,00	0,03	1	0,05	0,01	0,07	0,00	S	-0,01	S		
Pension funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Money Market Funds (MMFs)	6	0,60	0,49	3,45	2	0,10	0,13	0,93	0,36	B	0,39	B		
Non-MMF Investment Funds	16	1,59	1,90	13,49	10	0,50	0,51	3,60	1,39	B	4,59	B		
Deposit-taking corporations	1	0,10	0,02	0,14	0	0,00	0,00	0,00	0,02	B	-0,14	S		
Other Financial Intermediaries, except insurance corporations & pension funds	11	1,09	2,57	18,26	11	0,55	2,61	18,53	-0,04	S	0,08	B		
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	1	0,05	0,00	0,01	0,00	S	0,01	B		
Non-Financial corporations	8	0,80	0,18	1,30	10	0,50	0,37	2,65	-0,19	S	-0,80	S		
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
II. Foreign Investors	43	4,28	4,05	28,75	44	2,22	5,09	36,16	-1,04	S	-0,56	S		
Households	16	1,59	0,09	0,61	23	1,16	0,12	0,82	-0,03	S	0,14	B		
Insurance Corporations	1	0,10	0,02	0,14	1	0,05	0,01	0,04	0,01	B	0,11	B		
Pension funds	0	0,00	0,00	0,00	1	0,05	0,04	0,29	-0,04	S	-0,19	S		
Money Market Funds (MMFs)	1	0,10	0,04	0,27	1	0,05	0,10	0,69	-0,06	S	-0,53	S		
Non-MMF Investment Funds	3	0,30	0,30	2,10	3	0,15	1,93	13,70	-1,63	S	-5,04	S		
Deposit-taking corporations	7	0,70	1,12	7,93	4	0,20	1,57	11,12	-0,45	S	-1,04	S		
Other Financial Intermediaries, except insurance corporations & pension funds	9	0,90	0,77	5,49	6	0,30	0,88	6,24	-0,10	S	0,41	B		
Non-Profit Institutions serving Households	1	0,10	1,45	10,29	0	0,00	0,00	0,00	1,45	B	1,83	B		
Non-Financial corporations	4	0,40	0,11	0,78	4	0,20	0,04	0,25	0,07	B	3,88	B		
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Institutions and bodies of the European Union	1	0,10	0,16	1,14	1	0,05	0,42	3,01	-0,26	S	-0,14	S		
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B		
III. Other Not Identified	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	S		
TOTALS	1.005	100,00	14,09	100,00	1.982	100,00	14,09	100,00						



ATHEX GROUP
Athens Exchange Group

2.3.6 Analysis of the Monthly Trading Activity in FTSE / Athex Market Index per Investor Category

FTSE/Athex Market Index Investors' Categories	Buys				Sells				net (mil. €)		net (2019) (mil. €)					
	Active Shares		Transactions Value		Active Shares		Transactions Value									
	Number	%	(mil. €)	%	Number	%	(mil. €)	%								
I. Domestic Investors	13.511	96,51	781,95	39,19	16.305	96,96	717,75	35,97	64,20	B	79,27	B				
Households	13.309	95,07	316,23	15,85	16.091	95,68	288,25	14,45	27,98	B	-10,52	S				
Insurance Corporations	6	0,04	5,06	0,25	5	0,03	3,19	0,16	1,87	B	2,37	B				
Pension funds	5	0,04	11,12	0,56	3	0,02	11,10	0,56	0,02	B	1,87	B				
Money Market Funds (MMFs)	14	0,10	27,00	1,35	13	0,08	16,66	0,83	10,34	B	40,67	B				
Non-MMF Investment Funds	46	0,33	67,10	3,36	46	0,27	55,88	2,80	11,22	B	40,83	B				
Deposit-taking corporations	8	0,06	62,17	3,12	14	0,08	64,38	3,23	-2,21	S	-13,77	S				
Other Financial Intermediaries, except insurance corporations & pension funds	39	0,28	265,81	13,32	44	0,26	266,91	13,38	-1,09	S	3,09	B				
Non-Profit Institutions serving Households	2	0,01	0,13	0,01	3	0,02	0,07	0,00	0,07	B	0,63	B				
Non-Financial corporations	82	0,59	27,33	1,37	86	0,51	11,32	0,57	16,01	B	14,10	B				
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	S				
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
II. Foreign Investors	481	3,44	1.213,16	60,80	507	3,01	1.277,42	64,02	-64,26	S	-79,35	S				
Households	336	2,40	15,22	0,76	360	2,14	14,59	0,73	0,63	B	-0,63	S				
Insurance Corporations	1	0,01	0,02	0,00	1	0,01	0,04	0,00	-0,03	S	-8,93	S				
Pension funds	1	0,01	0,06	0,00	1	0,01	0,13	0,01	-0,06	S	-0,11	S				
Money Market Funds (MMFs)	9	0,06	6,49	0,33	14	0,08	12,23	0,61	-5,74	S	-9,89	S				
Non-MMF Investment Funds	26	0,19	19,15	0,96	24	0,14	9,54	0,48	9,61	B	31,31	B				
Deposit-taking corporations	30	0,21	367,15	18,40	34	0,20	417,56	20,93	-50,41	S	-46,64	S				
Other Financial Intermediaries, except insurance corporations & pension funds	31	0,22	646,24	32,39	28	0,17	653,99	32,78	-7,76	S	40,37	B				
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	1	0,01	0,90	0,05	-0,90	S	-1,55	S				
Non-Financial corporations	40	0,29	32,59	1,63	34	0,20	24,67	1,24	7,92	B	0,94	B				
Central Government	2	0,01	4,80	0,24	2	0,01	1,63	0,08	3,17	B	5,93	B				
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
Institutions and bodies of the European Union	5	0,04	121,45	6,09	8	0,05	142,14	7,12	-20,68	S	-90,16	S				
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B				
III. Other Not Identified	7	0,05	0,09	0,00	5	0,03	0,04	0,00	0,05	B	0,08	B				
TOTALS	13.999	100,00	1.995,21	100,00	16.817	100,00	1.995,21	100,00								



2.3.7 Analysis of the Monthly Trading Activity in FTSE / Athex Global Traders Index Plus per Investor Category

Investors' Categories	FTSE/Athex Global Traders Index Plus		Buys				Sells				net	
			Active Shares		Transactions Value		Active Shares		Transactions Value		net	
	Number	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)	(mil. €)	(mil. €)	(mil. €)
I. Domestic Investors	5.690	96,88	141,65	56,91	7.148	97,41	124,76	50,12	16,89	B	5,28	B
Households	5.566	94,77	65,87	26,46	7.020	95,67	53,87	21,64	12,00	B	-0,67	S
Insurance Corporations	6	0,10	3,75	1,51	4	0,05	1,21	0,48	2,54	B	4,08	B
Pension funds	3	0,05	1,34	0,54	3	0,04	3,37	1,35	-2,04	S	-5,02	S
Money Market Funds (MMFs)	8	0,14	3,85	1,55	9	0,12	2,38	0,96	1,46	B	-1,96	S
Non-MMF Investment Funds	29	0,49	12,33	4,95	32	0,44	11,42	4,59	0,91	B	4,98	B
Deposit-taking corporations	4	0,07	7,26	2,92	8	0,11	7,98	3,21	-0,72	S	-3,60	S
Other Financial Intermediaries, except insurance corporations & pension funds	32	0,54	44,95	18,06	36	0,49	42,75	17,17	2,20	B	0,95	B
Non-Profit Institutions serving Households	1	0,02	0,03	0,01	2	0,03	0,01	0,01	0,01	B	0,63	B
Non-Financial corporations	41	0,70	2,28	0,92	34	0,46	1,77	0,71	0,51	B	5,88	B
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
II. Foreign Investors	180	3,06	107,26	43,09	188	2,56	124,14	49,88	-16,89	S	-5,27	S
Households	98	1,67	2,23	0,90	106	1,44	1,77	0,71	0,47	B	1,10	B
Insurance Corporations	1	0,02	0,01	0,00	1	0,01	0,00	0,00	0,01	B	0,17	B
Pension funds	1	0,02	0,01	0,00	1	0,01	0,03	0,01	-0,02	S	-0,80	S
Money Market Funds (MMFs)	2	0,03	0,26	0,11	6	0,08	1,57	0,63	-1,31	S	0,96	B
Non-MMF Investment Funds	9	0,15	2,40	0,97	11	0,15	2,06	0,83	0,34	B	-1,75	S
Deposit-taking corporations	18	0,31	24,67	9,91	21	0,29	37,70	15,14	-13,03	S	-2,20	S
Other Financial Intermediaries, except insurance corporations & pension funds	22	0,37	61,62	24,76	21	0,29	61,97	24,90	-0,35	S	24,38	B
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	1	0,01	0,90	0,36	-0,90	S	-1,54	S
Non-Financial corporations	26	0,44	4,83	1,94	16	0,22	2,94	1,18	1,90	B	-25,02	S
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,52	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	3	0,05	11,20	4,50	4	0,05	15,19	6,10	-3,99	S	-1,10	S
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
III. Other Not Identified	3	0,05	0,00	0,00	2	0,03	0,00	0,00	0,00	B	-0,01	S
TOTALS	5.873	100,00	248,91	100,00	7.338	100,00	248,91	100,00				



ATHEX GROUP
Athens Exchange Group

2.3.8 Analysis of the Monthly Trading Activity in Medium & Small Price Index per Investor Category

Medium & Small Cap Price Index (02/05/2019-31/05/2019)	Buys				Sells				net		net (2019)	
	Active Shares		Transactions Value		Active Shares		Transactions Value					
	Number	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)	B	(mil. €)	S
Investors' Categories												
I. Domestic Investors	1.073	97,81	3,57	95,48	1.624	97,83	3,53	94,36	0,04	B	-2,81	S
Households	1.042	94,99	3,20	85,47	1.605	96,69	3,30	88,08	-0,10	S	-2,69	S
Insurance Corporations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,17	B
Pension funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Money Market Funds (MMFs)	1	0,09	0,03	0,93	0	0,00	0,00	0,00	0,03	B	-0,10	S
Non-MMF Investment Funds	14	1,28	0,26	6,93	2	0,12	0,05	1,28	0,21	B	0,16	B
Deposit-taking corporations	0	0,00	0,00	0,00	1	0,06	0,00	0,04	0,00	S	-0,16	S
Other Financial Intermediaries, except insurance corporations & pension funds	11	1,00	0,05	1,23	8	0,48	0,08	2,13	-0,03	S	-0,10	S
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	S
Non-Financial corporations	5	0,46	0,03	0,92	8	0,48	0,11	2,83	-0,07	S	-0,09	S
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Domestic Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
II. Foreign Investors	22	2,01	0,17	4,51	35	2,11	0,21	5,62	-0,04	S	2,81	B
Households	11	1,00	0,04	1,00	24	1,45	0,07	1,76	-0,03	S	0,07	B
Insurance Corporations	1	0,09	0,01	0,18	1	0,06	0,00	0,04	0,01	B	0,06	B
Pension funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Money Market Funds (MMFs)	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	S
Non-MMF Investment Funds	1	0,09	0,01	0,18	0	0,00	0,00	0,00	0,01	B	-0,01	S
Deposit-taking corporations	2	0,18	0,07	1,88	3	0,18	0,12	3,12	-0,05	S	-0,46	S
Other Financial Intermediaries, except insurance corporations & pension funds	2	0,18	0,02	0,63	3	0,18	0,01	0,29	0,01	B	-0,02	S
Non-Profit Institutions serving Households	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Non-Financial corporations	4	0,36	0,02	0,57	3	0,18	0,01	0,38	0,01	B	3,29	B
Central Government	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Local Government Organizations	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Institutions and bodies of the European Union	1	0,09	0,00	0,08	1	0,06	0,00	0,03	0,00	B	-0,11	S
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
Other Foreign Investors	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	-	0,00	B
III. Other Not Identified	2	0,18	0,00	0,01	1	0,06	0,00	0,02	0,00	S	0,00	S
TOTALS		1.097	100,00	3,74	100,00	1.660	100,00	3,74	100,00			

Note for section tables: Data processing for indices does not take under consideration transactions of rights arising from the securities.



ATHEX GROUP
Athens Exchange Group

2.3.9 Analysis of the Greek Investors Trading Activity based on Geographical Allocation

Greek investors (02/05/2019-31/05/2019)	Buys				Sells				net (mil. €)	
	Active Shares		Transactions Value		Active Shares		Transactions Value			
	Number	%	(mil. €)	%	Number	%	(mil. €)	%		
Regions										
Attica	7.563	52,33	683,84	82,98	10.634	50,99	1.027,15	89,12	-343,31 S	
Central Macedonia	1.574	10,89	30,92	3,75	2.785	13,35	28,14	2,44	2,78 B	
Crete	574	3,97	16,90	2,05	966	4,63	13,63	1,18	3,27 B	
Thessaly	637	4,41	11,97	1,45	943	4,52	11,42	0,99	0,54 B	
Peloponnese	526	3,64	8,07	0,98	869	4,17	8,04	0,70	0,03 B	
West Greece	447	3,09	8,32	1,01	548	2,63	6,99	0,61	1,33 B	
East Macedonia - Thrace	392	2,71	6,74	0,82	763	3,66	7,22	0,63	-0,48 S	
Stereia Ellada	291	2,01	6,45	0,78	420	2,01	5,87	0,51	0,58 B	
Epirus	243	1,68	4,65	0,56	305	1,46	4,52	0,39	0,13 B	
West Macedonia	229	1,58	3,73	0,45	522	2,50	4,15	0,36	-0,42 S	
South Aegean	182	1,26	3,19	0,39	289	1,39	3,14	0,27	0,05 B	
Ionian Islands	150	1,04	3,06	0,37	238	1,14	3,05	0,26	0,01 B	
North Aegean	95	0,66	1,25	0,15	171	0,82	1,25	0,11	0,00 S	
Invalid Postal Codes	1.549	10,72	35,01	4,25	1.401	6,72	27,98	2,43	7,03 B	
Total	14.452	100,00	824,10	100,00	20.854	100,00	1.152,54	100,00	-328,44 S	

Notes:

- Geographical allocation of Investor Shares is based upon segregation of Greece in districts, according to the Ministry of Internal Affairs data.
- The above clarification concerns Investor Shares owned by Greek nationals, according to their relevant statement and based on the postal data codes declared in the Investor Shares.
- Districts appear in declining order upon transactions value.

2.3.10 Analysis of the Trading Activity of Investors without Identified Nationality

Other (not identified) (02/05/2019-31/05/2019)	Buys				Sells				net (mil. €)	
	Active Shares		Transactions Value		Active Shares		Transactions Value			
	Number	%	(mil. €)	%	Number	%	(mil. €)	%		
Countries										
Other not Identified	7	-	0,10	-	9	-	0,13	-	-0,03 S	

Notes:

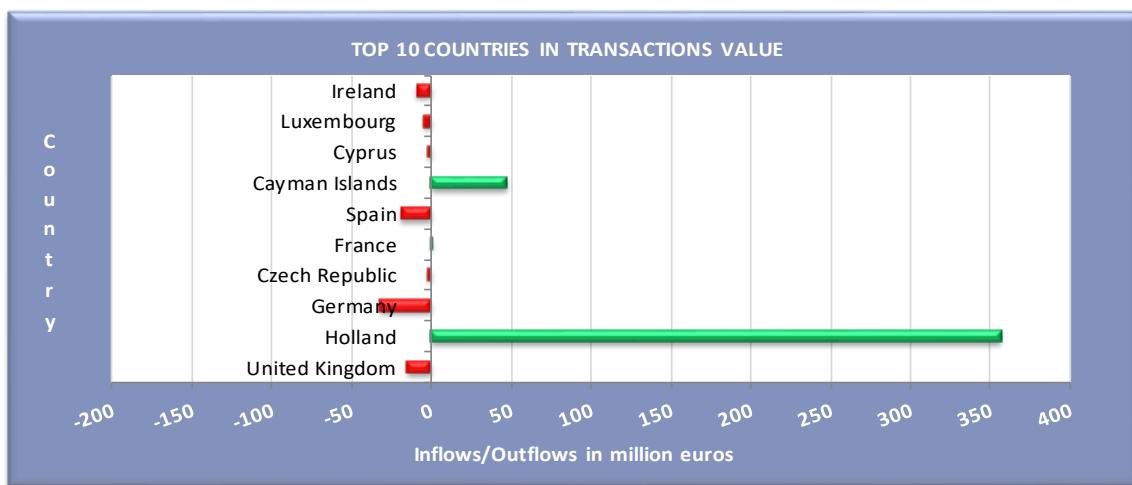
- The above classification concerns Investor Shares that have not declared any tax nationality
- The above data coincide with category III Other Investors of paragraph 1.3.1 Analysis of the Monthly Investor's Mobility in ATHEX based on Investor Type.



ATHEX GROUP
Athens Exchange Group

2.3.11 Analysis of the Foreign Investors Trading Activity based on Geographical Allocation

Foreign investors (02/05/2019-31/05/2019) Countries	Buys				Sells				net (mil. €)			
	Active Shares		Transactions Value		Active Shares		Transactions Value					
	Number	%	(mil. €)	%	Number	%	(mil. €)	%				
The top 30 countries with the biggest transactions value	496	98,41	1.618,24	100,00	536	94,20	1.289,72	99,99	328,51	B		
United Kingdom	32	6,35	720,83	44,54	40	7,03	736,17	57,08	-15,34	S		
Holland	2	0,40	356,82	22,05	3	0,53	0,01	0,00	356,82	B		
Germany	4	0,79	142,51	8,81	12	2,11	174,68	13,54	-32,17	S		
Czech Republic	1	0,20	99,49	6,15	2	0,35	101,69	7,88	-2,20	S		
France	11	2,18	98,63	6,09	18	3,16	97,97	7,60	0,66	B		
Spain	3	0,60	66,20	4,09	3	0,53	85,00	6,59	-18,80	S		
Cayman Islands	12	2,38	54,49	3,37	8	1,41	7,33	0,57	47,16	B		
Cyprus	357	70,83	24,79	1,53	335	58,88	26,81	2,08	-2,02	S		
Luxembourg	14	2,78	13,71	0,85	18	3,16	18,08	1,40	-4,37	S		
Ireland	2	0,40	7,52	0,46	2	0,35	16,89	1,31	-9,37	S		
United States	10	1,98	11,77	0,73	32	5,62	12,01	0,93	-0,24	S		
Bermuda Islands	4	0,79	8,37	0,52	1	0,18	0,05	0,00	8,31	B		
Switzerland	6	1,19	3,59	0,22	8	1,41	2,47	0,19	1,12	B		
Liberia	7	1,39	0,46	0,03	9	1,58	4,64	0,36	-4,18	S		
United Arab Emirates	2	0,40	3,15	0,19	2	0,35	1,11	0,09	2,04	B		
British Virgin Islands	1	0,20	1,29	0,08	1	0,18	1,24	0,10	0,05	B		
Kuwait	1	0,20	1,67	0,10	1	0,18	0,54	0,04	1,13	B		
Marshall Islands	5	0,99	0,60	0,04	4	0,70	0,56	0,04	0,04	B		
Norway	2	0,40	0,53	0,03	1	0,18	0,56	0,04	-0,03	S		
Principality of Monaco	1	0,20	0,57	0,04	1	0,18	0,23	0,02	0,34	B		
Turkey	3	0,60	0,26	0,02	7	1,23	0,40	0,03	-0,14	S		
Bulgary	5	0,99	0,31	0,02	6	1,05	0,34	0,03	-0,03	S		
Guernsey	1	0,20	0,23	0,01	1	0,18	0,28	0,02	-0,05	S		
Singapore	1	0,20	0,01	0,00	1	0,18	0,30	0,02	-0,29	S		
Hong Kong	1	0,20	0,17	0,01	1	0,18	0,09	0,01	0,08	B		
Austria	2	0,40	0,06	0,00	4	0,70	0,18	0,01	-0,12	S		
Italy	1	0,20	0,07	0,00	10	1,76	0,05	0,00	0,03	B		
Croatia	1	0,20	0,09	0,01	0	0,00	0,00	0,00	0,09	B		
Panama	1	0,20	0,03	0,00	1	0,18	0,03	0,00	0,00	S		
Australia	3	0,60	0,02	0,00	4	0,70	0,02	0,00	0,01	B		
Other Countries	8	1,59	0,04	0,00	33	5,80	0,08	0,01	-0,05	S		
Total	504	100,00	1.618,27	100,00	569	100,00	1.289,80	100,00	328,47	B		
Total EU without Greece	437	86,71	1.531,06	94,61	460	80,84	1.257,91	97,53	273,14	A		
Non EU Countries	67	13,29	87,22	5,39	109	19,16	31,89	2,47	55,32	A		



Notes:

1. The above clarification concerns Investor Shares with other nationalities excluding Greek.
2. The above clarification is done according to the countries' codes in ISO 3166-1:1997.
3. Countries appear in declining order upon transactions value.

3 Investors' Participation

3.1 Equities – Data of May 2019

3.1.1 Total Listed Equities and Main Categories

Capitalization Investors' Categories	Total of Listed Equities										Main Market					
	Shares balanced		Capitalization (incl HFSF)		Capitalization (excl HFSF)		Shares balanced		Capitalization (incl HFSF)		Capitalization (excl HFSF)					
	Number	%	(mil. €)	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)	%				
I. Domestic Investors	557.390	98,18	15.458,36	34,76	13.918,55	32,42	492.402	98,13	15.101,99	34,51	13.562,18	32,12				
Households	554.204	97,62	7.234,99	16,27	7.234,99	16,85	489.553	97,56	6.979,13	15,95	6.979,13	16,53				
Insurance Corporations	50	0,01	159,87	0,36	159,87	0,37	50	0,01	158,95	0,36	158,95	0,38				
Pension funds	14	0,00	126,69	0,28	126,69	0,30	14	0,00	126,37	0,29	126,37	0,30				
Money Market Funds (MMFs)	20	0,00	599,13	1,35	599,13	1,40	17	0,00	592,72	1,35	592,72	1,40				
Non-MMF Investment Funds	88	0,02	955,56	2,15	955,56	2,23	86	0,02	948,89	2,17	948,89	2,25				
Deposit-taking corporations	36	0,01	259,82	0,58	259,82	0,61	31	0,01	233,07	0,53	233,07	0,55				
Other Financial Intermediaries, except insurance corporations & pension funds	115	0,02	166,30	0,37	166,30	0,39	99	0,02	165,45	0,38	165,45	0,39				
Non-Profit Institutions serving Households	539	0,09	238,86	0,54	238,86	0,56	487	0,10	238,19	0,54	238,19	0,56				
Non-Financial corporations	2.060	0,36	3.187,12	7,17	3.187,12	7,42	1.842	0,37	3.129,95	7,15	3.129,95	7,41				
Central Government	38	0,01	265,85	0,60	265,85	0,62	35	0,01	265,80	0,61	265,80	0,63				
Local Government Organizations	27	0,00	0,71	0,00	0,71	0,00	21	0,00	0,71	0,00	0,71	0,00				
Social Security Funds	42	0,01	719,24	1,62	719,24	1,68	41	0,01	718,54	1,64	718,54	1,70				
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	0,00				
Other Domestic Investors	156	0,03	4,42	0,01	4,42	0,01	125	0,02	4,41	0,01	4,41	0,01				
Hellenic Financial Stability Fund (HFSF)	1	0,00	1.539,81	3,46	1.539,81	3,52	1	0,00	1.539,81	3,52	1.539,81	3,52				
II. Foreign Investors	10.121	1,78	28.992,43	65,20	28.992,43	67,54	9.216	1,84	28.642,17	65,46	28.642,17	67,84				
Households	6.757	1,19	472,93	1,06	472,93	1,10	6.025	1,20	440,16	1,01	440,16	1,04				
Insurance Corporations	70	0,01	1.563,44	3,52	1.563,44	3,64	63	0,01	1.561,88	3,57	1.561,88	3,70				
Pension funds	297	0,05	1.118,32	2,51	1.118,32	2,61	289	0,06	1.112,51	2,54	1.112,51	2,64				
Money Market Funds (MMFs)	473	0,08	2.644,08	5,95	2.644,08	6,16	463	0,09	2.625,35	6,00	2.625,35	6,22				
Non-MMF Investment Funds	1.114	0,20	8.006,27	18,01	8.006,27	18,65	1.071	0,21	7.945,86	18,16	7.945,86	18,82				
Deposit-taking corporations	453	0,08	2.903,43	6,53	2.903,43	6,76	441	0,09	2.874,32	6,57	2.874,32	6,81				
Other Financial Intermediaries, except insurance corporations & pension funds	243	0,04	2.299,07	5,17	2.299,07	5,36	226	0,05	2.228,78	5,09	2.228,78	5,28				
Non-Profit Institutions serving Households	29	0,01	62,10	0,14	62,10	0,14	29	0,01	61,99	0,14	61,99	0,15				
Non-Financial corporations	606	0,11	8.753,10	19,68	8.753,10	20,39	533	0,11	8.628,31	19,72	8.628,31	20,44				
Central Government	22	0,00	666,01	1,50	666,01	1,55	21	0,00	660,32	1,51	660,32	1,56				
Local Government Organizations	9	0,00	19,38	0,04	19,38	0,05	9	0,00	19,38	0,04	19,38	0,05				
Social Security Funds	27	0,00	84,78	0,19	84,78	0,20	26	0,01	84,21	0,19	84,21	0,20				
Institutions and bodies of the European Union	10	0,00	207,76	0,47	207,76	0,48	9	0,00	207,44	0,47	207,44	0,49				
Non-member Countries & International Organisations Non-resident of EU	11	0,00	191,75	0,43	191,75	0,45	11	0,00	191,66	0,44	191,66	0,45				
Other Foreign Investors	0	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	0,00				
III. Other Not Identified	185	0,03	15,53	0,03	15,53	0,04	173	0,03	14,09	0,03	14,09	0,03				
TOTALS			567.696	100,00	44.466,31	100,00	42.926,50	100,00	501.791	100,00	43.758,25	100,00	42.218,43	100,00		

Note : The capitalization of listed companies that are also traded in foreign exchanges is based on the number of items that are registered in Hellenic Central Securities Depository (for example COCA-COLA HBC AG, VIOHALCO SA/NV, CENERGY HOLDINGS).

3.1.2 FTSE / Athex Large Cap & Average Number of Investors

Capitalization (Data of: 31/05/2019)		FTSE/Athex Large Cap				Average Number of Investors for ISINS that composite FTSE/Athex Large Cap			
Investors' Categories		Shares balanced	Capitalization (incl HFSF)	Capitalization (excl HFSF)		ISIN	ISIN Description	Investors' Average (02/05/2019 - 31/05/2019) Number	Investors' Average 2019 Number
		Number	(mil. €)	%	(mil. €)				
I. Domestic Investors		372.297	98,11	9.880,54	29,10	8.340,73	25,73		
Households		370.124	97,53	3.599,67	10,60	3.599,67	11,11	GRS015003007	ALPHA BANK S.A. (CR)
Insurance Corporations		42	0,01	153,68	0,45	153,68	0,47	BE0974303357	CENERGY HOLDINGS S.A. (CB)
Pension funds		13	0,00	123,67	0,36	123,67	0,38	CH0198251305	COCA-COLA HBC AG
Money Market Funds (MMFs)		15	0,00	537,50	1,58	537,50	1,66	GRS096003009	FOURLIS S.A.(CR)
Non-MMF Investment Funds		68	0,02	664,82	1,96	664,82	2,05	GRS282183003	JUMBO S.A. (CR)
Deposit-taking corporations		28	0,01	85,67	0,25	85,67	0,26	GRS245213004	LAMDA DEVELOPMENT S.A. (CR)
Other Financial Intermediaries, except insurance corporations & pension funds		63	0,02	93,42	0,28	93,42	0,29	-	VIOHALCO (CB)
Non-Profit Institutions serving Households		406	0,11	158,94	0,47	158,94	0,49	GRS074083007	TITAN CEMENT COMPANY S.A. (CR)
Non-Financial corporations		1.368	0,36	2.115,81	6,23	2.115,81	6,53	GRS518003009	ADMIE (IPTO) HOLDING S.A. -CR
Central Government		30	0,01	253,13	0,75	253,13	0,78	GRS495003006	AEGEAN AIRLINES (CR)
Local Government Organizations		16	0,00	0,41	0,00	0,41	0,00	GRS145003000	GEK TERNA HOLDING, REAL ESTATE, CONSTRUCTION (CR)
Social Security Funds		39	0,01	549,66	1,62	549,66	1,70	GRS204003008	GR. SARANTIS S.A.(CR)
Institutions and bodies of the European Union		0	0,00	0,00	0,00	0,00	0,00	GRS434003000	PPC S.A. (CR)
Other Domestic Investors		84	0,02	4,35	0,01	4,35	0,01	GRS003003035	NATIONAL BANK OF GREECE S.A. (CR)
Hellenic Financial Stability Fund (HFSF)		1	0,00	1.539,81	4,54			GRS191213008	ELLAKTOR S.A. (CR)
II. Foreign Investors		7.036	1,85	24.063,07	70,87	24.063,07	74,24	GRS298343005	HELLENIC PETROLEUM S.A. (CR)
Households		4.165	1,10	374,48	1,10	374,48	1,16	GRS395363005	HELLENIC EXCHANGES S.A. HOLDING (CR)
Insurance Corporations		59	0,02	707,65	2,08	707,65	2,18	GRS426003000	MOTOR OIL (HELLAS) REFINERIES SA (CR)
Pension funds		287	0,08	1.101,26	3,24	1.101,26	3,40	GRS393503008	MYTILINEOS HOLDINGS S.A. (CR)
Money Market Funds (MMFs)		446	0,12	2.591,61	7,63	2.591,61	8,00	GRS470003013	P.P.A. S.A. (CR)
Non-MMF Investment Funds		1.035	0,27	7.574,15	22,31	7.574,15	23,37	GRS419003009	OPAP S.A. (CR)
Deposit-taking corporations		408	0,11	2.588,64	7,62	2.588,64	7,99	GRS260333000	HELLENIC TELECOM. ORGANISATION (CR)
Other Financial Intermediaries, except insurance corporations & pension funds		190	0,05	2.042,54	6,02	2.042,54	6,30	GRS496003005	TERNA ENERGY S.A. (CR)
Non-Profit Institutions serving Households		27	0,01	52,19	0,15	52,19	0,16	GRS323003012	EUROBANK ERGASIAS S.A. (CR)
Non-Financial corporations		344	0,09	5.912,98	17,42	5.912,98	18,24	GRS014003024	PIRAEUS BANK S.A. (CR)
Central Government		21	0,01	659,57	1,94	659,57	2,03		Average Num of Investors in FTSE/Athex Large Cap
Local Government Organizations		9	0,00	19,33	0,06	19,33	0,06		28.085
Social Security Funds		26	0,01	84,21	0,25	84,21	0,26		28.019
Institutions and bodies of the European Union		8	0,00	162,92	0,48	162,92	0,50		
Non-member Countries & International Organisations Non-resident of EU		11	0,00	191,55	0,56	191,55	0,59		
Other Foreign Investors		0	0,00	0,00	0,00	0,00	0,00		
III. Other Not Identified		150	0,04	8,93	0,03	8,93	0,03		
TOTALS		379.483	100,00	33.952,55	100,00	32.412,73	100,00		

Notes: (1) ISIN codes that comprise the FTSE/ATHEX Large Cap refer to the index composition on 31/5/2019.

(2) Investor averages on FTSE/ATHEX Large Cap (Monthly & Yearly) have been calculated for all ISINS that were included in the index composition for the respected period.

3.1.3 FTSE / Athex Indices

Capitalization Investors' Categories	FTSE/Athex Mid Cap												FTSE/Athex Mid-Small Cap Factor-Weighted Index						FTSE/Athex Market Index						FTSE/Athex Global Traders Index Plus			
	Shares balanced		Capitalization		Shares balanced		Capitalization		Shares balanced		Capitalization		Capitalization		Shares balanced		Capitalization		Capitalization		Shares balanced		Capitalization					
	Number	%	(mil. €)	%	Number	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)	%	Number	%	(mil. €)	%	(mil. €)	%	Number	%	(mil. €)	%				
I. Domestic Investors	118.124	98,35	1.266,98	82,63	46.431	98,69	1.168,37	63,92	432.213	98,08	11.268,91	31,62	9.729,10	28,53	193.493	98,16	4.371,49	40,57										
Households	117.472	97,81	814,35	53,11	46.227	98,26	1.008,95	55,20	429.683	97,51	4.522,21	12,69	4.522,21	13,26	192.826	97,82	2.466,04	22,89										
Insurance Corporations	17	0,01	1,16	0,08	4	0,01	0,71	0,04	46	0,01	154,89	0,43	154,89	0,45	22	0,01	44,82	0,42										
Pension funds	7	0,01	0,91	0,06	4	0,01	0,24	0,01	14	0,00	124,57	0,35	124,57	0,37	8	0,00	23,02	0,21										
Money Market Funds (MMFs)	9	0,01	15,23	0,99	9	0,02	17,70	0,97	15	0,00	553,30	1,55	553,30	1,62	13	0,01	152,15	1,41										
Non-MMF Investment Funds	52	0,04	70,46	4,60	38	0,08	50,25	2,75	82	0,02	737,71	2,07	737,71	2,16	62	0,03	204,86	1,90										
Deposit-taking corporations	14	0,01	75,28	4,91	2	0,00	4,54	0,25	31	0,01	160,95	0,45	160,95	0,47	15	0,01	53,24	0,49										
Other Financial Intermediaries, except insurance corporations & pension funds	48	0,04	8,04	0,52	22	0,05	1,63	0,09	85	0,02	102,95	0,29	102,95	0,30	58	0,03	24,10	0,22										
Non-Profit Institutions serving Households	19	0,02	0,40	0,03	10	0,02	0,04	0,00	414	0,09	159,34	0,45	159,34	0,47	28	0,01	151,26	1,40										
Non-Financial corporations	450	0,37	184,32	12,02	103	0,22	84,27	4,61	1.654	0,38	2.308,78	6,48	2.308,78	6,77	388	0,20	1.152,18	10,69										
Central Government	4	0,00	1,30	0,08	1	0,00	0,00	0,00	31	0,01	254,43	0,71	254,43	0,75	4	0,00	6,47	0,06										
Local Government Organizations	1	0,00	0,00	0,00	1	0,00	0,00	0,00	16	0,00	0,41	0,00	0,41	0,00	3	0,00	0,21	0,00										
Social Security Funds	8	0,01	95,52	6,23	1	0,00	0,04	0,00	40	0,01	645,19	1,81	645,19	1,89	19	0,01	93,07	0,86										
Institutions and bodies of the European Union	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00										
Other Domestic Investors	23	0,02	0,01	0,00	9	0,02	0,00	0,00	101	0,02	4,36	0,01	4,36	0,01	47	0,02	0,07	0,00										
Hellenic Financial Stability Fund (HFSF)									1	0,00	1.539,81	4,32																
II. Foreign Investors	1.940	1,62	263,90	17,21	601	1,28	659,43	36,08	8.282	1,88	24.363,50	68,35	24.363,50	71,44	3.566	1,81	6.397,01	59,36										
Households	1.516	1,26	16,03	1,05	440	0,94	6,73	0,37	5.253	1,19	392,61	1,10	392,61	1,15	1.960	0,99	259,06	2,40										
Insurance Corporations	8	0,01	1,68	0,11	1	0,00	0,14	0,01	61	0,01	709,38	1,99	709,38	2,08	29	0,01	57,84	0,54										
Pension funds	19	0,02	1,32	0,09	11	0,02	4,19	0,23	289	0,07	1.102,62	3,09	1.102,62	3,23	199	0,10	204,27	1,90										
Money Market Funds (MMFs)	27	0,02	5,92	0,39	17	0,04	10,16	0,56	454	0,10	2.597,53	7,29	2.597,53	7,62	262	0,13	563,13	5,23										
Non-MMF Investment Funds	75	0,06	43,53	2,84	45	0,10	231,03	12,64	1.053	0,24	7.635,43	21,42	7.635,43	22,39	537	0,27	2.213,45	20,54										
Deposit-taking corporations	107	0,09	70,40	4,59	36	0,08	25,59	1,40	414	0,09	2.660,25	7,46	2.660,25	7,80	218	0,11	600,72	5,57										
Other Financial Intermediaries, except insurance corporations & pension funds	45	0,04	19,39	1,26	16	0,03	26,80	1,47	208	0,05	2.062,85	5,79	2.062,85	6,05	89	0,05	424,55	3,94										
Non-Profit Institutions serving Households	2	0,00	1,61	0,10	3	0,01	8,12	0,44	29	0,01	54,16	0,15	54,16	0,16	15	0,01	12,50	0,12										
Non-Financial corporations	134	0,11	103,78	6,77	31	0,07	346,65	18,96	445	0,10	6.030,86	16,92	6.030,86	17,68	194	0,10	1.931,22	17,92										
Central Government	1	0,00	0,01	0,00	1	0,00	0,02	0,00	21	0,00	659,57	1,85	659,57	1,93	21	0,01	97,87	0,91										
Local Government Organizations	2	0,00	0,02	0,00	0	0,00	0,00	0,00	9	0,00	19,34	0,05	19,34	0,06	7	0,00	8,46	0,08										
Social Security Funds	0	0,00	0,00	0,00	0	0,00	0,00	0,00	26	0,01	84,21	0,24	84,21	0,25	24	0,01	10,83	0,10										
Institutions and bodies of the European Union	3	0,00	0,23	0,01	0	0,00	0,00	0,00	9	0,00	163,14	0,46	163,14	0,48	3	0,00	3,41	0,03										
Non-member Countries & International Organisations Non-resident of EU	0	0,00	0,00	0,00	0	0,00	0,00	0,00	11	0,00	191,55	0,54	191,55	0,56	8	0,00	9,69	0,09										
Other Foreign Investors	1	0,00	0,00	0,00	0	0,00	0,00	0,00	0	0,00	0,00	0,00	0,00	0,00	0	0,00	0,00	0,00										
III. Other Not Identified	39	0,03	2,53	0,16	13	0,03	0,05	0,00	160	0,04	11,47	0,03	11,47	0,03	67	0,03	7,27	0,07										
TOTALS	120.103	100,00	1.533,41	100,00	47.045	100,00	1.827,86	100,00	440.655	100,00	35.643,88	100,00	34.104,07	100,00	197.126	100,00	10.775,77	100,00										

3.1.4 Other Athex Indices

Capitalization		Medium & Small Cap Price Index			
Investors' Categories	(Data of: 31/05/2019)	Shares balanced		Capitalization	
		Number	%	(mil. €)	%
I. Domestic Investors					
Households		44.57	98,85	304,32	75,64
Insurance Corporations		44.378	98,45	279,37	69,44
Pension funds		9	0,02	0,81	0,20
Money Market Funds (MMFs)		3	0,01	0,01	0,00
Non-MMF Investment Funds		3	0,01	1,02	0,25
Deposit-taking corporations		27	0,06	11,91	2,96
Other Financial Intermediaries, except insurance corporations & pension funds		2	0,00	2,10	0,52
Non-Profit Institutions serving Households		18	0,04	0,43	0,11
Non-Financial corporations		7	0,02	0,00	0,00
Central Government		100	0,22	8,56	2,13
Local Government Organizations		1	0,00	0,00	0,00
Social Security Funds		1	0,00	0,09	0,02
Institutions and bodies of the European Union		1	0,00	0,00	0,00
Other Domestic Investors		0	0,00	0,00	0,00
Hellenic Financial Stability Fund (HFSF)		7	0,02	0,00	0,00
II. Foreign Investors					
Households		509	1,13	97,98	24,35
Insurance Corporations		419	0,93	9,80	2,44
Pension funds		1	0,00	0,07	0,02
Money Market Funds (MMFs)		0	0,00	0,00	0,00
Non-MMF Investment Funds		2	0,00	0,00	0,00
Deposit-taking corporations		11	0,02	14,22	3,54
Other Financial Intermediaries, except insurance corporations & pension funds		26	0,06	3,74	0,93
Non-Profit Institutions serving Households		16	0,04	16,93	4,21
Non-Financial corporations		0	0,00	0,00	0,00
Central Government		33	0,07	53,21	13,23
Local Government Organizations		0	0,00	0,00	0,00
Social Security Funds		0	0,00	0,00	0,00
Institutions and bodies of the European Union		0	0,00	0,00	0,00
Non-member Countries & International Organisations Non-resident of EU		0	0,00	0,00	0,00
Other Foreign Investors		1	0,00	0,00	0,00
III. Other Not Identified					
TOTALS		45.076	100,00	402,32	100,00

Notes:

1. Legal entities of uncooperative nations (law 4172/2013 article 65) are included in "Other Legal Entities" under Foreign Investors section.
2. The data processing for the participation of investors in equities that form indices does not take under consideration the participation percentage of the share in each separate Index.
3. Shares under suspension are included

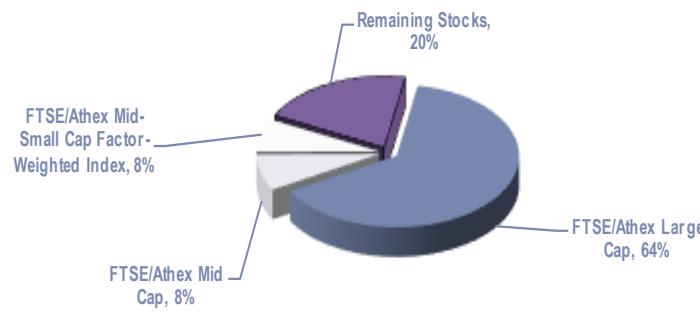


ATHEX GROUP
Athens Exchange Group

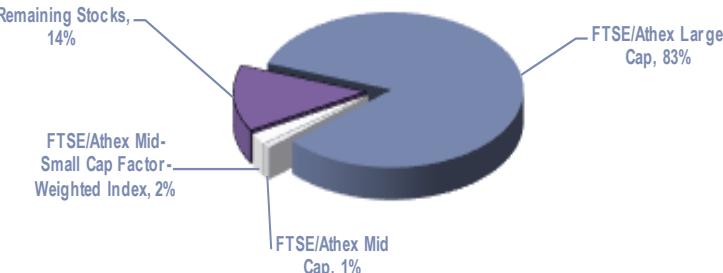
3.1.5 Allocation of Investors Portfolio Value in Stocks Groups (Indices and ATHEX Categories)

Portfolio Value Allocation (Data of: 31/05/2019)	Total of Listed Equities	FTSE/Athex Large Cap		FTSE/Athex Mid Cap		FTSE/Athex Mid-Small Cap Factor-Weighted Index		Remaining Stocks	
	Value (millions €)	Value (millions €)	%	Value (millions €)	%	Value (millions €)	%	Value (millions €)	%
Greek investors	15.458,36	9.880,54	63,92	1.266,98	8,20	1.168,37	7,56	3.142,46	20,33
Foreign investors	28.992,43	24.063,07	83,00	263,90	0,91	659,43	2,27	4.006,03	13,82
Other (not identified)	15,53	0,00	0,00	2,53	16,29	0,05	0,34	12,94	83,37

Portfolio Value Allocation - Greek investors



Portfolio Value Allocation - Foreign investors





ATHEX GROUP
Athens Exchange Group

3.1.6 Equities – Historical Data



ATHEX GROUP
Athens Exchange Group

Date	Total Capitalization (in millions €)		Percentage Participation Upon Capitalization for Equities Forming Main Market		Foreign Investors	Other																														
	Total Capitalization (in millions €)	(in millions €)	Households	Institutions serving Households																																
Domestic Investors																																				
May-2018	41.208,49	15,44	0,35	0,25	1,15	2,24	1,71	0,36	0,63	6,69	0,58	0,00	1,60	0,00	0,01	3,99	35,01	1,69	3,35	2,08	6,11	18,09	7,00	5,17	0,12	18,82	1,58	0,02	0,16	0,42	0,55	0,00	64,95	0,04		
Jun-2018	41.471,23	15,35	0,34	0,25	1,16	2,26	1,61	0,36	0,64	6,52	0,60	0,00	1,56	0,00	0,01	4,05	34,72	1,69	3,32	2,15	6,30	18,30	6,90	5,07	0,12	18,52	1,69	0,02	0,17	0,43	0,57	0,00	65,24	0,04		
Jul-2018	41.795,46	15,95	0,34	0,26	1,16	2,29	1,70	0,34	0,63	6,52	0,59	0,00	1,59	0,00	0,01	4,07	35,45	1,07	3,29	2,14	6,24	18,07	6,87	5,04	0,12	18,86	1,65	0,02	0,17	0,42	0,55	0,00	64,52	0,04		
Aug-2018	40.386,37	16,22	0,33	0,25	1,17	2,30	1,74	0,32	0,62	6,76	0,59	0,00	1,61	0,00	0,01	3,68	35,62	1,06	3,31	2,09	6,09	17,73	6,79	4,99	0,12	19,43	1,64	0,02	0,17	0,39	0,50	0,00	64,34	0,04		
Sep-2018	38.482,21	16,82	0,33	0,26	1,20	2,34	1,76	0,31	0,68	7,04	0,62	0,00	1,61	0,00	0,01	2,88	35,84	1,06	3,35	2,09	6,04	17,53	6,66	4,88	0,12	19,81	1,56	0,02	0,17	0,44	0,55	0,00	64,12	0,04		
Oct-2018	36.058,32	16,82	0,33	0,27	1,20	2,37	1,81	0,29	0,67	7,12	0,63	0,00	1,57	0,00	0,01	2,70	35,80	1,02	3,48	2,16	5,94	17,37	6,59	4,86	0,13	19,87	1,60	0,02	0,19	0,40	0,44	0,00	64,17	0,04		
Nov-2018	35.644,76	16,71	0,33	0,27	1,20	2,15	1,81	0,27	0,68	8,01	0,64	0,00	1,62	0,00	0,01	2,02	35,73	1,06	3,59	2,14	5,94	17,60	6,45	4,90	0,13	20,00	1,40	0,03	0,18	0,42	0,41	0,00	64,23	0,04		
Dec-2018	34.532,77	17,10	0,32	0,27	1,21	2,19	1,83	0,26	0,70	8,27	0,63	0,00	1,57	0,00	0,01	2,08	36,44	1,06	3,58	2,11	5,76	17,46	6,48	4,81	0,12	19,78	1,37	0,03	0,17	0,40	0,39	0,00	65,53	0,03		
Jan-2019	35.985,07	17,11	0,31	0,27	1,20	2,09	1,82	0,24	0,68	8,28	0,62	0,00	1,66	0,00	0,01	1,68	35,97	1,03	3,52	2,13	5,70	17,66	6,46	4,53	0,12	20,58	1,37	0,03	0,19	0,34	0,34	0,00	64,06	0,03		
Feb-2019	38.890,83	16,63	0,33	0,28	1,23	2,09	1,75	0,27	0,63	7,87	0,63	0,00	1,61	0,00	0,01	2,50	35,84	1,01	3,46	2,21	5,86	17,99	6,79	4,71	0,13	19,67	1,34	0,04	0,18	0,41	0,41	0,00	64,13	0,03		
Mar-2019	39.795,60	16,54	0,32	0,28	1,25	2,06	1,72	0,31	0,62	7,88	0,62	0,00	1,70	0,00	0,01	2,42	35,73	1,01	3,45	2,28	5,79	18,12	6,71	4,57	0,13	19,87	1,34	0,04	0,19	0,34	0,41	0,00	64,24	0,03		
Apr-2019	41.831,44	16,12	0,34	0,28	1,31	2,12	1,65	0,33	0,59	7,66	0,59	0,00	1,66	0,00	0,01	2,88	35,55	1,01	3,36	2,42	5,95	18,17	6,77	4,75	0,13	19,52	1,36	0,04	0,18	0,36	0,40	0,00	64,42	0,03		
May-2019	43.758,25	15,95	0,36	0,29	1,35	2,17	0,53	0,38	0,54	7,15	0,61	0,00	1,64	0,00	0,01	3,52	34,51	1,01	3,57	2,54	6,00	18,16	6,57	5,09	0,14	19,72	1,51	0,04	0,19	0,47	0,44	0,00	65,46	0,03		
Percentage Participation Upon Capitalization for Equities Forming Main Market (excl HFSF)																																				
Date	Total Capitalization (in millions €)	(in millions €)	Households	Institutions serving Households	Total of Domestic Investors		Households	Institutions serving Households	Pension funds	Money Market Funds (MMFs)	Non-MMF Investment Funds	Depositing corporations	Other Financial intermediaries, except insurance corporations & pension funds	Non-Financial corporations	Central Government	Local Government Organizations	Social Security Funds	Institutions and bodies of the European Union	Other Domestic Investors	Total of Domestic Investors	Households	Institutions serving Households	Pension funds	Money Market Funds (MMFs)	Non-MMF Investment Funds	Depositing corporations	Other Financial intermediaries, except insurance corporations & pension funds	Non-Financial corporations	Central Government	Local Government Organizations	Social Security Funds	Institutions and bodies of the European Union	Non-member Countries & International Organisations Non-resident of EU	Other Foreign Investors	Total of Foreign Investors	Other Not Identified
May-2018	39.564,15	16,09	0,36	0,26	1,19	2,33	1,79	0,37	0,66	6,97	0,61	0,00	1,67	0,00	0,01	32,31	1,76	3,49	2,17	6,36	18,84	7,29	5,38	0,12	19,39	1,64	0,02	0,17	0,44	0,57	0,00	67,85	0,04			
Jun-2018	39.792,05	15,99	0,35	0,27	1,21	2,36	1,68	0,38	0,67	6,79	0,62	0,00	1,62	0,00	0,01	31,97	1,76	3,46	2,24	6,57	19,07	7,19	5,28	0,13	19,30	1,76	0,02	0,17	0,45	0,59	0,00	67,99	0,04			
Jul-2018	40.094,14	16,63	0,35	0,27	1,21	2,39	1,77	0,35	0,66	6,79	0,61	0,00	1,66	0,00	0,01	32,71	1,12	3,43	2,23	6,51	18,83	7,16	5,25	0,12	19,66	1,72	0,02	0,18	0,44	0,58	0,00	67,26	0,04			
Aug-2018	38.899,10	16,84	0,35	0,26	1,21	2,39	1,81	0,33	0,64	7,02	0,61	0,00	1,67	0,00	0,01	33,16	1,10	3,43	2,17	6,32	18,41	7,05	5,18	0,13	20,18	1,71	0,02	0,18	0,41	0,52	0,00	66,88	0,04			
Sep-2018	37.375,32	17,31	0,34	0,26	1,23	2,41	1,81	0,32	0,70	7,25	0,63	0,00	1,66	0,00	0,01	33,94	1,09	3,45	2,15	6,22	18,05	6,86	5,03	0,13	20,40	1,60	0,02	0,18	0,38	0,45	0,00	65,02	0,04			
Oct-2018	35.086,21	17,29	0,34	0,28	1,23	2,43	1,86	0,30	0,69	7,32	0,65	0,00	1,61	0,00	0,01	34,02	1,05	3,58	2,22	6,20	17,85	6,78	5,00	0,13	20,42	1,64	0,02	0,19	0,41	0,45	0,00	65,94	0,04			
Nov-2018	34.924,63	17,05	0,34	0,28	1,23	2,19	1,85	0,28	0,70	8,18	0,65	0,00	1,65	0,00	0,01	34,41	1,08	3,66	2,18	6,06	17,96	6,59	5,00	0,13	20,41	1,43	0,03	0,18	0,43	0,42	0,00	65,55	0,04			
Dec-2018	33.815,23	17,46	0,33	0,28	1,24	2,24	1,87	0,26	0,71	8,45	0,65	0,00	1,61	0,00	0,01	35,10	1,09	3,66	2,15	5,88	17,83	6,62	4,92	0,13	20,20	1,39	0,03	0,18	0,41	0,40	0,00	64,88	0,03			
Jan-2019	35.382,13	17,40	0,32	0,28	1,22	2,12	1,85	0,24	0,69	8,43	0,63	0,00	1,69	0,00	0,01	34,38	1,05	3,58	2,17	5,80	17,96	6,57	4,61	0,13	20,93	1,39	0,03	0,19	0,34	0,35	0,00	65,09	0,03			
Feb-2019	37.916,84	17,06	0,33	0,29	1,26	2,14	1,80	0,28	0,64	8,07	0,65	0,00	1,66	0,00	0,01	34,19	1,04	3,54	2,27	6,01	18,45	6,97	4,83	0,13	20,17	1,38	0,04	0,19	0,35	0,42	0,00	65,78	0,03			
Mar-2019	38.834,44	16,95	0,33	0,29	1,28	2,11	1,76	0,32	0,63	8,07	0,64	0,00	1,75	0,00	0,01	34,14	1,03	3,53	2,34	5,94	18,57	6,67	4,68	0,13	20,37	1,37	0,04	0,19	0,35	0,42	0,00	65,83	0,03			
Apr-2019	40.628,64	16,60	0,35	0,29	1,35	2,19	1,70	0,34	0,61	7,89	0,61	0,00	1,71	0,00	0,01	33,64	1,04	3,46	2,49	6,12	18,71	6,97	4,89	0,14	20,09	1,40	0,04	0,19	0,37	0,41	0,00	66,33	0,03			
May-2019	42.218,43	16,53	0,38	0,30	1,40	2,25	0,55	0,39	0,56	7,41	0,63	0,00	1,70	0,00	0,01	32,12	1,04	3,70	2,64	6,22	18,82	6,81	5,28	0,15	20,44	1,56	0,05	0,20	0,49	0,45	0,00	67,84	0,03			



ATHEX GROUP
Athens Exchange Group

Date	Total Capitalization millions €) (in)	Percentage Participation Upon Capitalization For Equities Forming Index FTSE/Athex Large Cap																																
		Domestic Investors					Foreign Investors					Other																						
		Households	Insurance Corporations	Pension funds	Money Market Funds (MMFs)	Non-MMF Investment Funds	Other Financial Intermediaries, except insurance corporations & pension funds	Non-Profit Institutions serving Households	Non-Financial corporations	Central Government	Local Government Organizations	Social Security Funds	Institutions and bodies of the European Union	Other Domestic Investors	Hellenic Financial Stability Fund	Total of Domestic Investors	Households	Insurance Corporations	Pension funds	Money Market Funds (MMFs)	Non-MMF Investment Funds	Other Financial Intermediaries, except insurance corporations & pension funds	Non-Profit Institutions serving Households	Non-Financial corporations	Central Government	Local Government Organizations	Social Security Funds	Institutions and bodies of the European Union	Other Foreign Investors	Total of Foreign Investors	Other Not Identified			
May-2018	31.682,25	10,14	0,44	0,32	1,32	1,80	0,28	0,23	0,57	6,81	0,72	0,00	1,53	0,00	0,01	5,19	29,35	1,17	1,91	2,67	7,79	22,31	8,47	0,46	0,11	16,22	2,06	0,02	0,21	0,50	0,71	0,00	70,62	0,03
Jun-2018	32.177,58	10,18	0,42	0,32	1,34	1,85	0,32	0,25	0,58	6,75	0,73	0,00	1,53	0,00	0,01	5,22	29,50	1,17	1,87	2,75	8,01	22,47	8,26	6,22	0,12	15,94	2,17	0,02	0,22	0,51	0,73	0,00	70,47	0,03
Jul-2018	32.334,76	10,13	0,42	0,32	1,35	1,88	0,32	0,22	0,55	6,80	0,72	0,00	1,57	0,00	0,01	5,26	29,56	1,15	1,85	2,75	7,96	22,23	8,27	6,23	0,12	16,26	2,14	0,02	0,22	0,50	0,71	0,00	70,42	0,02
Aug-2018	31.011,98	10,36	0,41	0,32	1,37	1,89	0,30	0,20	0,55	7,08	0,73	0,00	1,62	0,00	0,01	4,80	29,63	1,14	1,80	2,71	7,82	21,98	8,20	6,19	0,13	16,68	2,14	0,02	0,23	0,46	0,65	0,00	70,35	0,02
Sep-2018	29.424,77	10,81	0,41	0,33	1,41	1,90	0,32	0,20	0,62	7,47	0,76	0,00	1,66	0,00	0,01	3,76	29,66	1,16	1,78	2,72	7,78	21,76	8,04	6,09	0,13	17,56	2,04	0,03	0,23	0,43	0,57	0,00	70,32	0,03
Oct-2018	27.423,86	10,76	0,41	0,34	1,41	1,90	0,31	0,16	0,60	7,62	0,79	0,00	1,65	0,00	0,01	3,54	29,53	1,13	1,78	2,82	7,82	21,60	8,00	6,10	0,13	17,63	2,10	0,03	0,25	0,47	0,58	0,00	70,44	0,03
Nov-2018	27.098,06	10,83	0,41	0,35	1,41	1,94	0,32	0,14	0,62	7,88	0,80	0,00	1,74	0,00	0,01	2,66	29,11	1,18	1,89	2,78	7,71	21,92	7,83	6,16	0,14	18,09	1,84	0,03	0,24	0,50	0,54	0,00	70,86	0,03
Dec-2018	25.627,97	11,18	0,41	0,36	1,45	1,97	0,40	0,18	0,64	6,87	0,81	0,00	1,70	0,00	0,02	2,80	28,79	1,24	1,83	2,81	7,66	22,19	7,81	6,01	0,14	18,44	1,84	0,03	0,23	0,41	0,53	0,00	71,18	0,03
Jan-2019	26.657,13	11,19	0,40	0,36	1,43	1,82	0,42	0,15	0,63	6,91	0,80	0,00	1,82	0,00	0,02	2,26	28,20	1,18	1,79	2,84	7,59	22,54	7,77	5,63	0,14	19,35	1,84	0,04	0,26	0,32	0,46	0,00	71,77	0,03
Feb-2019	29.264,88	11,05	0,41	0,36	1,46	1,84	0,43	0,16	0,57	6,41	0,80	0,00	1,72	0,00	0,01	3,33	28,56	1,15	1,88	2,91	7,69	22,71	8,08	5,79	0,14	18,15	1,78	0,05	0,24	0,32	0,54	0,00	71,42	0,03
Mar-2019	29.970,34	10,95	0,41	0,36	1,49	1,82	0,43	0,18	0,55	6,48	0,78	0,00	1,77	0,00	0,01	3,21	28,44	1,14	1,93	3,00	7,60	22,90	7,93	5,62	0,14	18,33	1,78	0,05	0,25	0,33	0,54	0,00	71,53	0,03
Apr-2019	31.936,10	10,59	0,43	0,36	1,54	1,90	0,39	0,21	0,52	6,14	0,73	0,00	1,70	0,00	0,01	3,77	28,30	1,12	1,91	3,13	7,69	22,59	8,00	5,78	0,15	18,36	1,78	0,05	0,24	0,35	0,53	0,00	71,68	0,03
May-2019	33.952,55	10,60	0,45	0,36	1,58	1,96	0,25	0,28	0,47	6,23	0,75	0,00	1,62	0,00	0,01	4,54	28,10	1,10	2,08	3,24	7,63	22,31	7,62	6,02	0,15	17,42	1,94	0,06	0,25	0,48	0,55	0,00	70,87	0,03
Date	Total Capitalization millions €) (in)	Households	Insurance Corporations	Pension funds	Money Market Funds (MMFs)	Non-MMF Investment Funds	Other Financial Intermediaries, except insurance corporations & pension funds	Non-Profit Institutions serving Households	Non-Financial corporations	Central Government	Local Government Organizations	Social Security Funds	Institutions and bodies of the European Union	Other Domestic Investors	Hellenic Financial Stability Fund	Total of Domestic Investors	Households	Insurance Corporations	Pension funds	Money Market Funds (MMFs)	Non-MMF Investment Funds	Other Financial Intermediaries, except insurance corporations & pension funds	Non-Profit Institutions serving Households	Non-Financial corporations	Central Government	Local Government Organizations	Social Security Funds	Institutions and bodies of the European Union	Other Foreign Investors	Total of Foreign Investors	Other Not Identified			
May-2018	30.037,90	10,70	0,46	0,34	1,39	1,90	0,30	0,24	0,60	7,18	0,76	0,00	1,61	0,00	0,00	25,48	1,24	2,02	2,82	8,22	23,53	8,93	6,81	0,12	17,10	2,17	0,02	0,22	0,53	0,75	0,00	74,49	0,03	
Jun-2018	30.498,40	10,74	0,44	0,34	1,42	1,96	0,34	0,27	0,61	7,12	0,77	0,00	1,61	0,00	0,00	25,62	1,23	1,97	2,90	8,45	23,71	8,72	6,56	0,13	16,82	2,29	0,02	0,23	0,54	0,77	0,00	74,35	0,03	
Ju4-2018	30,653,44	10,69	0,44	0,34	1,43	1,99	0,33	0,23	0,58	7,18	0,76	0,00	1,66	0,00	0,00	25,65	1,22	1,96	2,90	8,40	23,46	8,73	6,58	0,13	17,16	2,26	0,02	0,23	0,52	0,75	0,00	74,33	0,02	
Aug-2018	29.524,70	10,88	0,44	0,34	1,43	1,98	0,32	0,21	0,58	7,43	0,76	0,00	1,70	0,00	0,00	26,08	1,20	1,89	2,84	8,21	23,08	8,61	6,51	0,14	17,73	2,25	0,03	0,24	0,48	0,69	0,00	73,89	0,03	
Sep-2018	28,317,89	11,23	0,42	0,34	1,45	1,97	0,34	0,21	0,64	7,76	0,79	0,00	1,72	0,00	0,00	26,91	1,21	1,85	2,82	8,09	22,61	8,36	6,33	0,13	18,25	2,12	0,03	0,24	0,45	0,59	0,00	73,06	0,03	
Oct-2018	28,451,75	11,16	0,43	0,36	1,46	1,97	0,32	0,17	0,63	7,90	0,82	0,00	1,71	0,00	0,00	26,94	1,17	1,85	2,93	8,10	22,40	8,29	6,32	0,14	18,28	2,18	0,03	0,26	0,49	0,60	0,00	73,03	0,03	
Nov-2018	26,377,93	11,13	0,42	0,36	1,45	1,99	0,33	0,14	0,64	8,09	0,82	0,00	1,79	0,00	0,00	27,18	1,21	1,94	2,86	7,92	22,52	8,05	6,33	0,14	18,59	1,89	0,03	0,24	0,51	0,56	0,00	72,79	0,03	
Dec-2018	28,910,42	11,50	0,42	0,37	1,49	2,03	0,42	0,19	0,66	7,07	0,84	0,00	1,74	0,00	0,00	26,74	1,27	1,88	2,90	7,88	22,83	8,04	6,18	0,14	18,97	1,89	0,04	0,24	0,42	0,54	0,00	73,23	0,03	
Jan-2019	26,654,19	11,45	0,41	0,37	1,46	1,87	0,43	0,15	0,64	7,07	0,82	0,00	1,86	0,00	0,00	26,54	1,21	1,83	2,91	7,77	23,07	7,95	5,76	0,14	19,80	1,88	0,04	0,26	0,32	0,47	0,00	73,43	0,03	
Feb-2019	28,298,89	11,43	0,43	0,37	1,51	1,91	0,44	0,17	0,59	6,63	0,83	0,00	1,77	0,00	0,00	26,10	1,19	1,95	3,01	7,95	23,49	8,35	5,59	0,14	18,78	1,84	0,05	0,25	0,33	0,56	0,00	73,87	0,03	
Mar-2019	29,009,16	11,31	0,43	0,37	1,54	1,88	0,44	0,19	0,57	6,69	0,81	0,00	1,82	0,00	0,00	26,07	1,16	1,99	3,10	7,85	23,66	8,20	5,81	0,15	18,94	1,84	0,05	0,25	0,34	0,56	0,00	73,90	0,03	
Apr-2019	30,733,31	11,00	0,44	0,38	1,60	1,98	0,40	0,22	0,54	6,38	0,76	0,00	1,76	0,00	0,00	25,73	1,16	1,98	3,26	7,99	23,48	8,31	6,01	0,15	19,08	1,85	0,06	0,25	0,36	0,55	0,00	74,48	0,03	
May-2019	32,412,73	11,11	0,47	0,38	1,66	2,05	0,26	0,29	0,49	6,53	0,78	0,00	1,70	0,00	0,00	25,73	1,16	2,18	3,40	8,00	23,37	7,99	6,30	0,16	18,24	2,03	0,06	0,26	0,50	0,59	0,00	74,24	0,03	



ATHEX GROUP
Athens Exchange Group

Date	Percentage Participation Upon Capitalization For Equities Forming Index FTSE/Athex Mid Cap													Percentage Participation Upon Capitalization For Equities Forming Index FTSE/Athex Small Cap																																									
	Total Capitalization millions €)		Households		Insurance Corporations		Money Market Funds (MMFs)		Non-MMF Investment Funds		Deposit-taking corporations		Other Financial Intermediaries, except insurance corporations & pension funds		Non-Profit Institutions serving Households		Local Government Organizations		Institutions and bodies of the European Union		Social Security Funds		Central Government		Other Domestic Investors		Total of Domestic Investors		Households		Insurance Corporations		Money Market Funds (MMFs)		Non-MMF Investment Funds		Deposit-taking corporations		Other Financial Intermediaries, except insurance corporations & pension funds		Non-Profit Institutions serving Households		Local Government Organizations		Institutions and bodies of the European Union		Social Security Funds		Central Government		Other Foreign Investors		Total of Foreign Investors		Other Not Identified
	Total Capitalization millions €)	Households	Insurance Corporations	Money Market Funds (MMFs)	Non-MMF Investment Funds	Deposit-taking corporations	Other Financial Intermediaries, except insurance corporations & pension funds	Non-Profit Institutions serving Households	Local Government Organizations	Institutions and bodies of the European Union	Social Security Funds	Central Government	Other Domestic Investors	Total of Domestic Investors	Households	Insurance Corporations	Money Market Funds (MMFs)	Non-MMF Investment Funds	Deposit-taking corporations	Other Financial Intermediaries, except insurance corporations & pension funds	Non-Profit Institutions serving Households	Local Government Organizations	Institutions and bodies of the European Union	Social Security Funds	Central Government	Other Foreign Investors	Total of Foreign Investors	Other Not Identified																											
May-2018	2.517,13	34,46	0,05	0,12	1,34	6,28	5,27	0,98	0,04	12,83	0,08	0,00	4,50	0,00	0,02	65,98	2,51	0,08	0,69	2,27	6,08	4,19	1,70	0,22	16,18	0,07	0,00	0,00	0,01	0,00	0,00	34,02	0,00																						
Jun-2018	2.325,18	36,20	0,06	0,09	1,16	6,27	4,62	0,88	0,05	14,00	0,07	0,00	3,95	0,00	0,01	67,38	2,32	0,08	0,29	0,93	3,49	4,14	1,83	0,19	19,25	0,00	0,00	0,00	0,01	0,00	0,00	32,52	0,10																						
Jul-2018	2.302,30	36,40	0,06	0,08	1,12	6,53	4,84	0,97	0,05	13,80	0,08	0,00	4,09	0,00	0,01	68,02	1,59	0,07	0,25	0,82	3,67	3,87	1,49	0,14	19,98	0,00	0,00	0,00	0,01	0,00	0,00	31,89	0,10																						
Aug-2018	2.319,50	36,51	0,06	0,08	1,10	6,46	4,91	0,96	0,05	14,03	0,07	0,00	3,69	0,00	0,01	67,95	1,61	0,08	0,25	0,86	3,66	3,96	1,51	0,14	19,87	0,00	0,00	0,00	0,01	0,00	0,00	31,96	0,09																						
Sep-2018	2.218,20	37,51	0,07	0,09	1,12	6,78	4,44	1,00	0,04	14,09	0,06	0,00	3,16	0,00	0,01	68,38	1,26	0,08	0,25	0,76	3,62	4,19	1,44	0,14	19,79	0,00	0,00	0,00	0,01	0,00	0,00	31,53	0,08																						
Oct-2018	2.021,90	36,98	0,07	0,10	1,16	6,99	4,48	1,04	0,04	14,24	0,06	0,00	2,87	0,00	0,01	68,05	1,17	0,08	0,24	0,77	3,67	4,10	1,38	0,13	20,33	0,00	0,00	0,00	0,01	0,00	0,00	31,88	0,08																						
Nov-2018	1.974,57	34,25	0,07	0,10	1,20	2,76	4,43	1,11	0,04	26,56	0,06	0,00	2,52	0,00	0,01	73,12	1,07	0,06	0,22	0,68	3,53	3,79	1,16	0,11	16,18	0,00	0,00	0,00	0,00	0,00	0,00	26,81	0,07																						
Dec-2018	1.220,43	58,03	0,09	0,07	1,08	4,75	5,33	0,50	0,02	10,90	0,05	0,00	3,52	0,00	0,02	84,36	1,01	0,10	0,12	0,42	3,30	4,72	1,25	0,14	4,42	0,00	0,00	0,00	0,01	0,00	0,00	15,50	0,14																						
Jan-2019	1.314,83	58,57	0,09	0,07	1,09	4,81	4,75	0,46	0,02	10,82	0,04	0,00	3,14	0,00	0,02	83,88	1,08	0,10	0,12	0,42	3,21	4,70	1,32	0,14	4,83	0,00	0,00	0,00	0,01	0,00	0,00	15,93	0,10																						
Feb-2019	1.403,42	56,72	0,08	0,07	1,08	4,89	4,93	0,54	0,02	11,65	0,05	0,00	3,89	0,00	0,02	83,97	1,09	0,10	0,12	0,41	3,04	4,86	1,35	0,15	4,74	0,00	0,00	0,00	0,01	0,00	0,00	15,87	0,16																						
Mar-2019	1.454,79	56,05	0,08	0,07	1,09	4,94	4,72	0,54	0,02	11,59	0,07	0,00	5,11	0,00	0,00	84,29	1,08	0,10	0,10	0,40	2,96	4,72	1,27	0,14	4,76	0,00	0,00	0,00	0,01	0,00	0,00	15,56	0,16																						
Apr-2019	1.498,58	55,57	0,08	0,08	1,09	4,86	4,87	0,59	0,02	11,73	0,07	0,00	5,50	0,00	0,00	84,47	1,07	0,10	0,09	0,40	2,92	4,67	1,21	0,11	4,75	0,00	0,00	0,00	0,02	0,00	0,00	15,35	0,19																						
May-2019	1.533,41	53,11	0,08	0,06	0,99	4,60	4,91	0,52	0,03	12,02	0,08	0,00	6,23	0,00	0,00	82,63	1,05	0,11	0,09	0,39	2,84	4,59	1,26	0,10	6,77	0,00	0,00	0,00	0,01	0,00	0,00	17,21	0,16																						



ATHEX GROUP
Athens Exchange Group

Date	Total Capitalization millions €	In		Upon Capitalization For Equities Forming FTSE/Athex Market Index		Other	
		Households	Insurance Corporations	Non-MMF Investment Funds	Depository corporations		
Domestic Investors							
May-2018	34,415.77	12,27	0.41	0.30	1.31	2.15	0.67
Jun-2018	34,827.22	12,51	0.39	0.30	1.32	2.17	0.63
Ju-2018	34,957.29	12,44	0.39	0.31	1.33	2.21	0.63
Aug-2018	33,655.24	12,76	0.39	0.30	1.34	2.22	0.64
Sep-2018	31,948.10	13,25	0.38	0.31	1.38	2.26	0.63
Oct-2018	29,739.47	13,14	0.38	0.32	1.38	2.27	0.62
Nov-2018	29,370.72	13,01	0.38	0.33	1.39	2.02	0.62
Dec-2018	27,000.07	13,59	0.39	0.34	1.42	2.10	0.63
Jan-2019	28,149.17	13,74	0.39	0.34	1.41	1.96	0.62
Feb-2019	30,948.02	13,43	0.40	0.35	1.44	1.98	0.63
Mar-2019	31,618.42	13,34	0.40	0.35	1.46	1.97	0.62
Apr-2019	33,651.39	12,94	0.41	0.35	1.52	2.03	0.58
May-2019	35,643.88	12,69	0.43	0.35	1.55	2.07	0.45
Foreign Investors							
May-2018	32,771.43	12,89	0.43	0.32	1.38	2.26	0.70
Jun-2018	33,148.04	13,14	0.41	0.32	1.39	2.28	0.66
Ju-2018	33,255.97	13,07	0.41	0.32	1.39	2.32	0.67
Aug-2018	32,167.97	13,35	0.40	0.32	1.40	2.32	0.67
Sep-2018	30,841.22	13,73	0.39	0.32	1.43	2.34	0.65
Oct-2018	28,167.36	13,58	0.40	0.34	1.43	2.35	0.64
Nov-2018	28,650.59	13,34	0.39	0.34	1.42	2.07	0.64
Dec-2018	28,222.52	13,96	0.40	0.35	1.46	2.15	0.64
Jan-2019	27,546.23	14,04	0.39	0.35	1.44	2.01	0.64
Feb-2019	29,874.04	13,87	0.41	0.36	1.48	2.05	0.65
Mar-2019	30,657.26	13,76	0.41	0.36	1.51	2.03	0.64
Apr-2019	32,448.60	13,41	0.42	0.36	1.57	2.11	0.61
May-2019	34,104.07	13,26	0.45	0.37	1.62	2.16	0.47

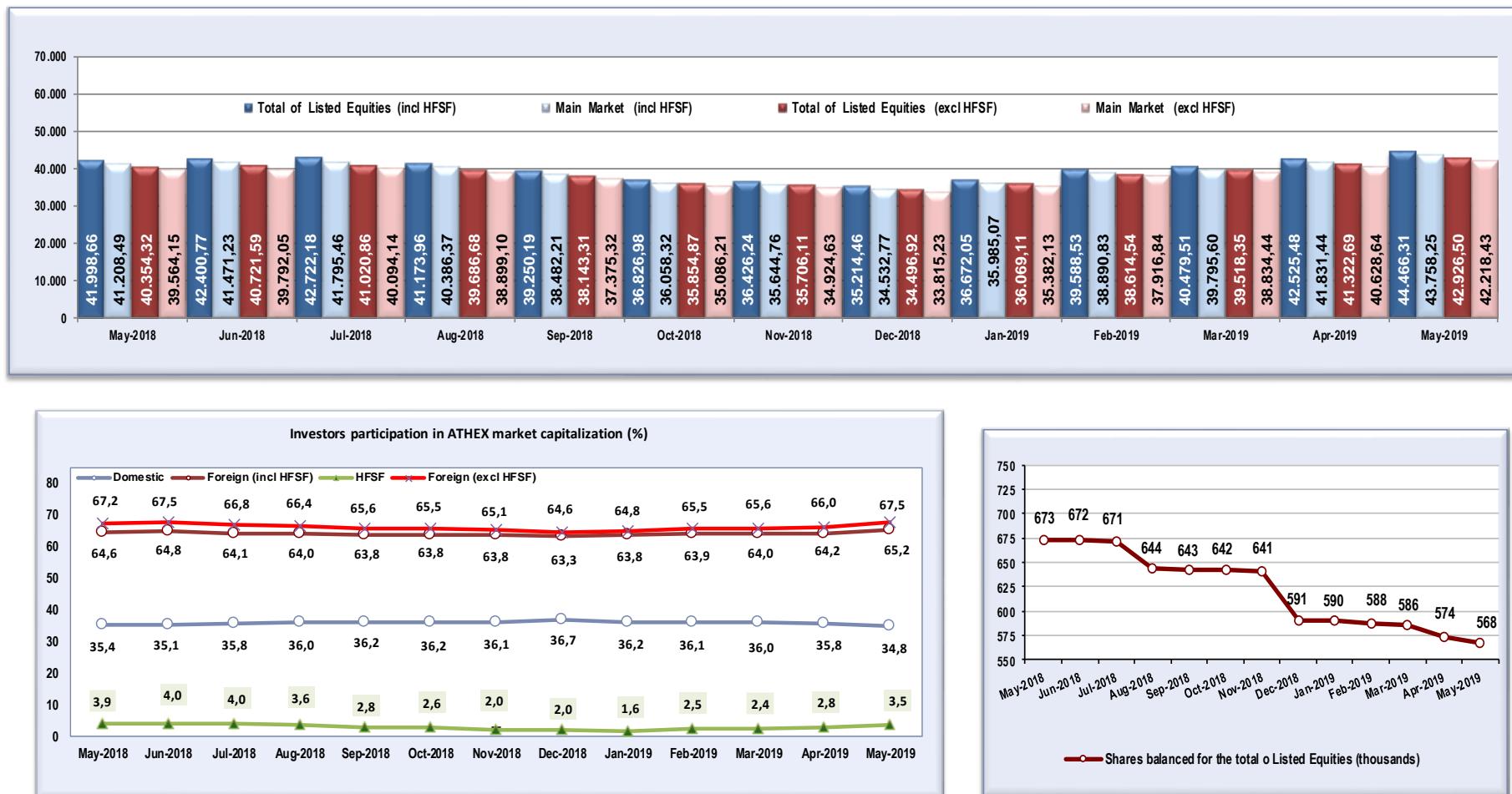


ATHEX GROUP
Athens Exchange Group

	Date	Total Capitalization millions €)		(in millions €)		Percentage Participation Upon Capitalization For Equities Forming FTSE/Athex Global Traders Index Plus												Other	
						Domestic Investors			Foreign Investors										
May-2018	9,755,93	24,76	0,39	0,23	1,41	1,77	0,99	0,24	1,76	10,30	0,06	0,00	0,85	0,00	0,01	42,76	2,81	0,60	14,44
Jun-2018	9,648,62	24,92	0,37	0,24	1,47	1,93	0,64	0,22	1,83	10,44	0,06	0,00	0,84	0,00	0,00	42,97	2,88	0,60	14,82
Jul-2018	9,660,44	25,06	0,38	0,24	1,46	1,94	0,80	0,23	1,76	10,34	0,06	0,00	0,84	0,00	0,00	43,11	2,79	0,58	14,71
Aug-2018	9,874,87	24,44	0,38	0,23	1,47	1,90	0,76	0,19	1,64	10,26	0,06	0,00	0,84	0,00	0,01	42,19	2,66	0,56	15,22
Sep-2018	10,224,80	23,70	0,38	0,23	1,45	1,83	0,67	0,17	1,71	10,20	0,06	0,00	0,84	0,00	0,00	41,24	2,55	0,61	15,45
Oct-2018	9,936,41	23,46	0,38	0,25	1,41	1,79	0,69	0,18	1,70	10,30	0,06	0,00	0,84	0,00	0,00	41,06	2,46	0,60	15,79
Nov-2018	9,607,99	22,92	0,37	0,26	1,39	1,80	0,96	0,17	1,69	10,60	0,06	0,00	0,84	0,00	0,00	41,05	2,63	0,54	15,81
Dec-2018	9,578,89	22,68	0,36	0,26	1,38	1,82	0,92	0,17	1,67	10,63	0,06	0,00	0,84	0,00	0,00	40,79	2,59	0,57	15,84
Jan-2019	10,040,51	22,73	0,37	0,26	1,40	1,88	0,92	0,17	1,62	10,57	0,06	0,00	0,84	0,00	0,00	40,82	2,52	0,55	15,85
Feb-2019	10,340,18	22,72	0,38	0,26	1,40	1,90	1,02	0,17	1,54	10,68	0,06	0,00	0,86	0,00	0,00	41,00	2,51	0,54	15,85
Mar-2019	10,429,05	22,72	0,37	0,24	1,39	1,90	1,01	0,19	1,53	11,16	0,06	0,00	0,88	0,00	0,00	41,45	2,58	0,55	15,92
Apr-2019	10,746,39	22,18	0,39	0,23	1,40	1,90	1,01	0,20	1,49	10,57	0,05	0,00	0,86	0,00	0,00	40,30	2,59	0,55	15,93
May-2019	10,775,77	22,89	0,42	0,21	1,41	1,90	0,49	0,22	1,40	10,69	0,06	0,00	0,86	0,00	0,00	40,57	2,40	0,54	15,94

	Date	Total Capitalization millions €)		(in millions €)		Percentage Participation Upon Capitalization For Equities Forming Medium & Small Cap Price Index												Other	
						Domestic Investors			Foreign Investors										
Apr-2018	478,22	63,45	0,02	0,01	0,75	1,12	0,21	0,18	0,00	8,62	0,00	0,00	0,00	0,00	0,00	74,35	0,58	0,00	0,00
May-2018	474,38	64,74	0,02	0,01	0,74	1,33	0,20	0,15	0,00	8,00	0,00	0,00	0,00	0,00	0,00	75,19	0,51	0,00	0,00
Jun-2018	402,64	54,43	0,04	0,00	0,44	1,47	3,16	0,20	0,00	2,27	0,00	0,00	0,00	0,00	0,00	62,00	4,14	0,00	0,00
Jul-2018	419,30	52,81	0,04	0,00	0,44	1,43	4,84	0,19	0,00	2,27	0,00	0,00	0,00	0,00	0,00	62,02	3,94	0,00	0,00
Aug-2018	415,09	53,14	0,04	0,00	0,43	1,41	4,73	0,19	0,00	2,57	0,00	0,00	0,00	0,00	0,00	62,51	3,93	0,00	0,00
Sep-2018	401,09	53,10	0,03	0,00	0,41	1,50	3,66	0,20	0,00	2,53	0,00	0,00	0,00	0,00	0,00	61,43	4,61	0,00	0,00
Oct-2018	377,81	53,23	0,03	0,00	0,41	1,53	3,37	0,19	0,00	2,56	0,00	0,00	0,00	0,00	0,00	61,33	4,23	0,00	0,00
Nov-2018	384,56	53,25	0,05	0,00	0,40	1,68	2,70	0,18	0,00	2,68	0,00	0,00	0,00	0,00	0,00	60,94	4,33	0,00	0,00
Dec-2018	392,26	64,37	0,04	0,00	0,20	2,35	1,83	0,06	0,00	7,27	0,00	0,00	0,00	0,00	0,00	76,12	5,22	0,00	0,00
Jan-2019	433,67	63,96	0,06	0,00	0,20	2,35	1,99	0,05	0,00	7,45	0,00	0,00	0,00	0,00	0,00	76,08	5,11	0,00	0,00
Feb-2019	451,09	62,65	0,06	0,00	0,20	2,39	2,67	0,05	0,00	7,54	0,00	0,00	0,00	0,00	0,00	75,56	5,01	0,00	0,00
Mar-2019	458,55	62,66	0,06	0,00	0,20	2,21	2,52	0,05	0,00	7,17	0,00	0,00	0,00	0,00	0,00	74,84	5,04	0,00	0,00
Apr-2019	467,31	60,41	0,07	0,00	0,18	2,27	2,52	0,05	0,00	7,59	0,00	0,00	0,00	0,00	0,00	73,10	6,31	0,01	0,00
May-2019	402,32	69,44	0,20	0,00	0,25	2,96	0,52	0,11	0,00	2,13	0,00	0,00	0,02	0,00	0,00	75,64	2,44	0,02	0,00

3.1.7 Investors' Participation – Graphs



3.2 Investors' Geographical Allocation in Greece

Capitalization (31/05/2019)	Investors Geographical Allocation In Greece									
	Investor Shares					Capitalization				
	positive balance		zero balance		Total	Value (mil. €)		%		
Regions	Number	%	Number	%	Number	%	Value (mil. €)	%		
HFSF	1	0,00	0	0,00	1	0,00	1.539,81	9,96		
Attica	255.134	45,77	372.751	43,46	627.885	44,37	10.682,84	69,11		
Central Macedonia	76.749	13,77	133.684	15,58	210.433	14,87	546,67	3,54		
Peloponnese	26.956	4,84	43.166	5,03	70.122	4,96	414,44	2,68		
Crete	30.242	5,43	42.561	4,96	72.803	5,14	279,81	1,81		
Thessaly	26.670	4,78	47.055	5,49	73.725	5,21	170,48	1,10		
East Macedonia - Thrace	20.720	3,72	37.436	4,36	58.156	4,11	142,11	0,92		
West Greece	20.969	3,76	39.944	4,66	60.913	4,30	87,53	0,57		
Stereia Ellada	15.608	2,80	29.398	3,43	45.006	3,18	71,86	0,46		
South Aegean	11.018	1,98	17.083	1,99	28.101	1,99	48,03	0,31		
Epirus	13.775	2,47	21.403	2,50	35.178	2,49	47,08	0,30		
West Macedonia	11.887	2,13	20.576	2,40	32.463	2,29	43,78	0,28		
North Aegean	9.485	1,70	11.340	1,32	20.825	1,47	34,73	0,22		
Ionian Islands	7.950	1,43	11.740	1,37	19.690	1,39	30,88	0,20		
Invalid Postal Codes	30.226	5,42	29.647	3,46	59.873	4,23	1.318,30	8,53		
Total	557.390	100,00	857.784	100,00	1.415.174	100,00	15.458,36	100,00		

Notes:

1. Investor Shares with positive balance are those in which at least one security is credited.
2. Investor Shares with zero balance are those with no securities credited.
3. Geographical allocation of Investor Shares is based upon segregation of Greece in districts, according to the Ministry of Internal Affairs data.
4. The above clarification concerns Investor Shares owned by Greek nationals, according to their relevant statement and based on the postal data codes declared in the Investor Shares.
5. Districts appear in declining ordering upon capitalization.

3.3 Investors Without Identified Nationality

Capitalization (31/05/2019)	Investors Without Identified Registered Country									
	Investor Shares					Capitalization				
	positive balance		zero balance		Total	Value (mil. €)		%		
Countries	Number	%	Number	%	Number	%	Value (mil. €)	%		
Other not Identified	185	-	863	-	1.048	-	15,53	-		

Notes:

1. The above classification concerns Investor Shares that have not declared any registered country.
2. The above data coincide with category III Other Investors of paragraph 3.1.1. Total Listed Equities and Main Categories

3.4 Foreign Investors' Geographical Allocation

Capitalization (31/05/2019)	Foreign Investors' Geographical Allocation								
	Investor Shares				Capitalization				
	positive balance		zero balance		Total		Value (mil. €)		
Countries	Number	%	Number	%	Number	%	Value (mil. €)	%	
Top 30 countries with the biggest capitalization per country	8.512	84,10	53.144	90,21	61.656	89,32	28.580,15	98,58	
United States	1.717	16,96	11.322	19,22	13.039	18,89	6.066,80	20,93	
Luxembourg	257	2,54	3.003	5,10	3.260	4,72	4.195,12	14,47	
Cyprus	2.821	27,87	15.616	26,51	18.437	26,71	4.043,95	13,95	
Germany	378	3,73	2.104	3,57	2.482	3,60	2.903,20	10,01	
Holland	70	0,69	325	0,55	395	0,57	1.669,53	5,76	
United Kingdom	1.128	11,15	4.302	7,30	5.430	7,87	1.664,60	5,74	
Belgium	51	0,50	213	0,36	264	0,38	1.331,87	4,59	
Cayman Islands	128	1,26	2.405	4,08	2.533	3,67	994,24	3,43	
Ireland	162	1,60	1.393	2,36	1.555	2,25	872,53	3,01	
Switzerland	167	1,65	652	1,11	819	1,19	642,95	2,22	
Canada	343	3,39	2.231	3,79	2.574	3,73	454,81	1,57	
British Virgin Islands	79	0,78	607	1,03	686	0,99	377,85	1,30	
Singapore	26	0,26	177	0,30	203	0,29	364,62	1,26	
Norway	19	0,19	145	0,25	164	0,24	341,94	1,18	
France	242	2,39	2.818	4,78	3.060	4,43	331,54	1,14	
Hong Kong	38	0,38	218	0,37	256	0,37	290,81	1,00	
United Arab Emirates	27	0,27	60	0,10	87	0,13	240,11	0,83	
Marshall Islands	54	0,53	224	0,38	278	0,40	238,55	0,82	
Sweden	75	0,74	281	0,48	356	0,52	221,59	0,76	
Japan	81	0,80	1.745	2,96	1.826	2,65	172,45	0,59	
Bermuda Islands	21	0,21	272	0,46	293	0,42	166,66	0,57	
People's Republic of China	14	0,14	55	0,09	69	0,10	163,84	0,57	
Australia	241	2,38	1.153	1,96	1.394	2,02	161,12	0,56	
Saudi Arabia	10	0,10	53	0,09	63	0,09	143,26	0,49	
Barbados	5	0,05	13	0,02	18	0,03	143,18	0,49	
Liberia	95	0,94	549	0,93	644	0,93	101,48	0,35	
Kuwait	4	0,04	25	0,04	29	0,04	85,99	0,30	
Italy	247	2,44	1.133	1,92	1.380	2,00	74,00	0,26	
Lichtenstein	10	0,10	38	0,06	48	0,07	61,00	0,21	
Gibraltar	2	0,02	12	0,02	14	0,02	60,58	0,21	
Remaining Countries	1.609	15,90	5.767	9,79	7.376	10,68	412,28	1,42	
Total	10.121	100,00	58.911	100,00	69.032	100,00	28.992,43	100,00	
Total EU without Greece	5.885	58,15	33.326	56,57	39.211	56,80	17.525,94	60,45	
Non EU Countries	4.236	41,85	25.585	43,43	29.821	43,20	11.466,49	39,55	



Notes: The above clarification concerns Investor Shares with all other nationalities excluding Greek.



ATHEXGROUP
Athens Exchange Group

3.5 Percentage Participation of Investors in Greek Government Bonds / Corporate Bonds – Data of May 2019

Investors' Categories	Capitalization		Other Greek Government Bonds				Corporate Bonds			
			Shares balanced		Capitalization		Shares balanced		Capitalization	
	(Data of: 31/05/2019)	Number	%	Value (mil. €)	%	Number	%	Value (mil. €)	%	
I. Domestic Investors	8.616	99,83		562,60	99,90	18.965	99,38	1.019,47	88,43	
Households	8.615	99,81		271,09	48,14	18.654	216,13	676,82	58,71	
Insurance Corporations	0	0,00		0,00	0,00	16	0,19	82,90	7,19	
Pension funds	0	0,00		0,00	0,00	6	0,07	25,67	2,23	
Money Market Funds (MMFs)	0	0,00		0,00	0,00	10	0,12	7,63	0,66	
Non-MMF Investment Funds	0	0,00		0,00	0,00	34	0,39	46,56	4,04	
Deposit-taking corporations	0	0,00		0,00	0,00	11	0,13	123,70	10,73	
Other Financial Intermediaries, except insurance corporations & pension funds	1	0,01		291,50	51,76	11	0,13	3,56	0,31	
Non-Profit Institutions serving Households	0	0,00		0,00	0,00	15	0,17	7,54	0,65	
Non-Financial corporations	0	0,00		0,00	0,00	206	2,39	42,27	3,67	
Central Government	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
Local Government Organizations	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
Social Security Funds	0	0,00		0,00	0,00	2	0,02	2,81	0,24	
Institutions and bodies of the European Union	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
Other Domestic Investors	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
II. Foreign Investors	12	0,14		0,52	0,09	109	0,57	132,50	11,49	
Households	12	0,14		0,52	0,09	33	0,17	1,10	0,10	
Insurance Corporations	0	0,00		0,00	0,00	2	0,01	0,38	0,03	
Pension funds	0	0,00		0,00	0,00	1	0,01	0,20	0,02	
Money Market Funds (MMFs)	0	0,00		0,00	0,00	2	0,01	0,50	0,04	
Non-MMF Investment Funds	0	0,00		0,00	0,00	10	0,05	5,52	0,48	
Deposit-taking corporations	0	0,00		0,00	0,00	32	0,17	38,30	3,32	
Other Financial Intermediaries, except insurance corporations & pension funds	0	0,00		0,00	0,00	5	0,03	0,61	0,05	
Non-Profit Institutions serving Households	0	0,00		0,00	0,00	1	0,01	0,44	0,04	
Non-Financial corporations	0	0,00		0,00	0,00	22	0,12	2,08	0,18	
Central Government	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
Local Government Organizations	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
Social Security Funds	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
Institutions and bodies of the European Union	0	0,00		0,00	0,00	1	0,01	83,37	7,23	
Non-member Countries & International Organisations Non-resident of EU	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
Other Foreign Investors	0	0,00		0,00	0,00	0	0,00	0,00	0,00	
III. Other Not Identified	3	0,03		0,03	0,01	10	0,12	0,91	0,08	
TOTALS	8.631	100,00		563,15	100,00	19.084	100,06	1.152,88	100,00	

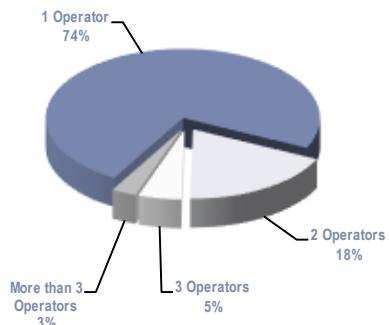
Notes:

1. Bonds refer to listed and dematerialized Bonds
2. Data concerning Greek Government Bonds refer only to those registered in Investor Shares in the D.S.S. of Hellenic Exchanges Holding s.a.

4 Other Investors' Allocations

4.1 Investors' Allocation Based on the number of their Operators

(Data of: 31/05/2019)		Investor Shares	
		Number	%
1 Operator		940.136	73,76
2 Operators		232.621	18,25
3 Operators		64.736	5,08
More than 3 Operators		37.126	2,91
Total		1.274.619	100,00

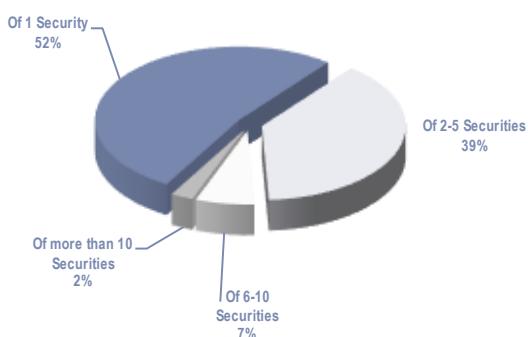


Notes:

1. D.S.S. Operators are the Brokerage Firms and Banks – Custodians.
2. Investor Shares that have been excluded from the total, are those with no 'Active Usage Authorization' while the possible (positive) balances are held in the Special Account, either due to investor's selection or pledging or due to the fact that these securities have not been dematerialized (Investor Shares non appeared). Their total number of these shares is 210,635.

4.2 Investors' Allocation based on the number of securities composing their portfolios

(Data of: 31/05/2019)		Investor Shares	
		Number	%
Of 1 Security		297.067	52,33
Of 2-5 Securities		218.940	38,57
Of 6-10 Securities		37.469	6,60
Of more than 10 Securities		14.220	2,50
Total		567.696	100,00



4.3 Investors' Allocation based on Portfolio Value

(Data of: 31/05/2019)		Investor Shares	
Portfolios		Number	%
Value up to	3.000,0 €	452.656	79,74
-//-	9.000,0 €	55.654	9,80
-//-	15.000,0 €	17.788	3,13
-//-	30.000,0 €	16.525	2,91
-//-	50.000,0 €	8.093	1,43
-//-	70.000,0 €	4.124	0,73
-//-	100.000,0 €	3.244	0,57
-//-	200.000,0 €	3.927	0,69
-//-	300.000,0 €	1.385	0,24
-//-	500.000,0 €	1.187	0,21
-//-	1.000.000,0 €	1.045	0,18
-//-	3.000.000,0 €	941	0,17
Value more than	3.000.000,0 €	1.127	0,20
Total Active Investors' Shares:		567.696	100,00



ATHEXGROUP
Athens Exchange Group

5 Settlement of Transactions *

* Transactions settled in the D.S.S. of ATHEX calculated by single count (BUYS only).

	Number Of Settled Transactions													
	Equities		Pref. Rights		Corporate Bonds		ETFs		Government Dept		Alternative Market (Stocks)		Total	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	Number
January	404.527	99,72	217	0,05	607	0,15	13	0,00	20	0,00	297	0,00	405.681	
February	444.155	99,70	0	0,00	682	0,15	33	0,01	1	0,00	602	0,00	445.473	
March	439.473	99,52	5	0,00	1.731	0,39	25	0,01	20	0,00	333	0,00	441.587	
April	486.878	99,72	0	0,00	929	0,19	42	0,01	0	0,00	406	0,00	488.255	
May	680.267	99,66	613	0,09	968	0,14	58	0,01	20	0,00	682	0,00	682.608	
June														
July														
August														
September														
October														
November														
December														
Total	2.455.300	99,66	835	0,03	4.917	0,20	171	0,01	61	0,00	2.320	0,09	2.463.604	
Daily Avg	24.310		8		49		2		1		23		24.392	
	Number Of Securities Transferred Due To Settlement Of Stock Exchange Transactions													
	Equities		Pref. Rights		Corporate Bonds		ETFs		Government Dept		Alternative Market (Stocks)		Total	
	Number	%	Number	%	Number	%	Number	%	Number	%	Number	%	Number	Number
January	477.217.326	99,56	622.524	0,13	776.425	0,16	1.224	0,00	632.025	0,00	75.793	0,00	479.325.317	
February	577.549.739	99,75	0	0,00	1.027.015	0,18	2.515	0,00	101.139	0,00	339.808	0,00	579.020.216	
March	600.250.394	98,91	3.827	0,00	2.358.482	0,39	2.996	0,00	4.204.735	0,01	61.170	0,00	606.881.604	
April	550.646.471	99,63	0	0,00	1.885.693	0,34	9.955	0,00	0	0,00	127.576	0,00	552.669.695	
May	1.326.660.866	99,52	2.671.286	0,20	1.584.053	0,12	25.085	0,00	1.899.350	0,00	275.354	0,00	1.333.115.994	
June														
July														
August														
September														
October														
November														
December														
Total	3.532.324.796	99,47	3.297.637	0,09	7.631.668	0,21	41.775	0,00	6.837.249	0,19	879.701	0,02	3.551.012.826	
Daily Avg	34.973.513		32.650		75.561		414		67.696		8.710		35.158.543	
	Cash Value In € Of Settled Transactions													
	Equities		Pref. Rights		Corporate Bonds		ETFs		Government Dept		Alternative Market (Stocks)		Total	
	(value in €)	%	(value in €)	%	(value in €)	%	(value in €)	%	(value in €)	%	(value in €)	%	(value in €)	(value in €)
January	824.012.570,85	98,93	8.276,95	0,00	8.210.530,50	0,99	20.341,41	0,00	583.207,46	0,00	75.305,47	0,00	832.910.232,64	
February	877.257.051,30	98,92	0,00	0,00	9.035.245,23	1,02	44.181,27	0,00	103.128,51	0,00	352.146,47	0,00	886.791.752,78	
March	1.047.507.757,78	96,62	33,53	0,00	32.494.102,10	3,00	55.972,31	0,01	4.019.310,57	0,00	54.666,19	0,00	1.084.131.842,48	
April	1.098.477.553,32	98,46	0,00	0,00	16.846.953,42	1,51	195.088,16	0,02	0,00	0,00	157.924,37	0,00	1.115.677.519,27	
May	2.422.448.370,02	99,18	545.138,46	0,02	16.751.855,09	0,69	499.380,51	0,02	1.933.838,87	0,00	291.542,50	0,00	2.442.470.125,45	
June														
July														
August														
September														
October														
November														
December														
Total	6.269.703.303,27	98,55	553.448,94	0,01	83.338.686,34	1,31	814.963,66	0,01	6.639.485,41	0,10	931.585,00	0,01	6.361.981.472,62	
Daily Avg	62.076.270,33		5.479,69		825.135,51		8.068,95		65.737,48		9.223,61		62.989.915,57	

ANNEX 1 Notes – Clarifications

Investors' Codification

Domestic Investors		
Code	Description	Constituents
S_14	Households	Natural Persons Individual Enterprises Joint Investors Shares (JISs) or Co-owners Investors Shares Other Cases S_14
S_128	Insurance Corporations	Non-life insurance corporations Life and non-life insurance to individual units or groups of units Pension & Subsidiary Funds Reinsurance to other insurance corporations Insurance Brokerage Other cases S_128
S_129	Pension funds	Pension funds
S_123	Money market funds (MMFs)	Mutual Funds (UCITS) Investment funds including investment trusts, unit trusts and other collective investment schemes whose shares or units are close substitutes for deposits Public investment funds Other cases S_123
S_124	Non-MMF investment funds	Open-ended investment funds whose investment fund shares or units are, at the request of the holders, repurchased or redeemed directly or indirectly out of the undertaking's assets Closed-ended investment funds with a fixed share capital, where investors entering or leaving the fund must buy or sell existing shares Real estate investment funds Investment funds investing in other funds ('funds of funds') Hedge funds covering a range of collective investment schemes, involving high minimum investments, light regulation, and a range of investment strategies. Other cases S_124
S_121 & S_122	Deposit-taking corporations	Central Bank Commercial banks, 'universal' banks, 'all-purpose' banks Savings banks (including trustee savings banks and savings banks and loan associations) & Cooperative Banks Foreign Credit Institutions' Branches in Greece Specialized banks (e.g. merchant banks, issuing houses, private banks) Electronic money institutions principally engaged in financial intermediation. Public Credit Institutions (e.g. Deposit & Loans Fund) Other cases S_122
S_125	Other financial intermediaries, except insurance corporations & pension funds	Financial vehicle corporations engaged in securitisation transactions (FVC) Security and derivative dealers (ATHEX Members) Security and derivative dealers (non ATHEX Members) Financial corporations engaged in lending Other cases S_125
S_15	Non-Profit Institutions serving Households	Trade Unions Charity Organizations, Church Associations Other Cases S_15
S_11	Non-Financial corporations	National private non-financial corporations Public Corporations Mainly Active in Goods Production and Non-Financial Services Foreign controlled non-financial corporations Other Cases S_11
S_1311	Central Government	Entities of General Government (Ministries) Central Government Legal Entities & Public Corporations Other cases S_1311
S_1313	Local Government Organizations	Local Government Organizations and Related Supervised Bodies
S_1314	Social Security Funds	Social security funds Other Cases S_1314
S_212	Institutions and bodies of the European Union	Institutions and bodies of the European Union
*	Other Domestic Investors	Non-Categorized Investors with Registered Office in Greece

Foreign Investors

Code	Description	Constituents
S_14	Households	Natural Persons Individual Enterprises Joint Investors Shares (JISs) or Co-owners Investors Shares Other Cases S_14
S_128	Insurance Corporations	Non-life insurance corporations Life and non-life insurance to individual units or groups of units Pension & Subsidiary Funds Reinsurance to other insurance corporations Insurance Brokerage Other cases S_128
S_129	Pension funds	Pension funds
S_123	Money market funds (MMFs)	Mutual Funds (UCITS) Investment funds including investment trusts, unit trusts and other collective investment schemes whose shares or units are close substitutes for deposits Public investment funds Other cases S_123
S_124	Non-MMF investment funds	Open-ended investment funds whose investment fund shares or units are, at the request of the holders, repurchased or redeemed directly or indirectly out of the undertaking's assets Closed-ended investment funds with a fixed share capital, where investors entering or leaving the fund must buy or sell existing shares Real estate investment funds Investment funds investing in other funds ('funds of funds') Hedge funds covering a range of collective investment schemes, involving high minimum investments, light regulation, and a range of investment strategies. Other cases S_124
S_121 & S_122	Deposit-taking corporations	Central Bank Commercial banks, 'universal' banks, 'all-purpose' banks Savings banks (including trustee savings banks and savings banks and loan associations) & Cooperative Banks Foreign Credit Institutions' Branches in Greece Specialized banks (e.g. merchant banks, issuing houses, private banks) Electronic money institutions principally engaged in financial intermediation. Public Credit Institutions (e.g. Deposit & Loans Fund) Other cases S_122
S_125	Other financial intermediaries, except insurance corporations & pension funds	Financial vehicle corporations engaged in securitisation transactions (FVC) Security and derivative dealers (ATHEX Members) Security and derivative dealers (non ATHEX Members) Financial corporations engaged in lending Other cases S_125
S_15	Non-Profit Institutions serving Households	Trade Unions Charity Organizations, Church Associations Other Cases S_15
S_11	Non-Financial corporations	National private non-financial corporations Public Corporations Mainly Active in Goods Production and Non-Financial Services Foreign controlled non-financial corporations Other Cases S_11
S_1311	Central Government	Entities of General Government (Ministries) Central Government Legal Entities & Public Corporations Other cases S_1311
S_1313	Local Government Organizations	Local Government Organizations and Related Supervised Bodies
S_1314	Social Security Funds	Social security funds Other Cases S_1314
S_212	Institutions and bodies of the European Union	Institutions and bodies of the European Union
S_22	Non-member countries & international organisations non-resident of EU	Non-member countries & international organisations non-resident of EU
*	Other Foreign Investors	Non-Categorized Investors with Registered Office out of Greece

Other Not Identified

Code	Description	Constituents
*	Other Not Identified	Non-Categorized Investors with Registered Office out of Greece Joint Holders with Greek and Foreign Members

* Does not refer to an investors category but to accounts with uncompleted categorization process

Note

The new investors' categorization is based on [Regulation \(EU\) No 1011/2012](#), of 17 October 2012, of the European Central Bank, concerning statistics on holdings of securities (ECB/2012/24) and the "[European system of accounts – ESA2010](#)" of Eurostat. The Investors categorization in the Dematerialized Securities System (D.S.S.) is implemented by its designated members and is based on [Decision No 5/2015](#) («Investors Statistical Categorization in Dematerialized Securities System») of the ATHEXCS Board of Directors as «DSS Administrator».



ATHEX
Athens Stock Exchange

110, Athinon Ave. GR 104 42 Athens
tel. (+30)210-33.66.800, fax (+30)210-33.66.101
www.athexgroup.gr